GRE

PROJECT ID: 8610-02-74, 8610-08-73

WITH: N/A

COUNTY: CHIPPEWA

JANUARY 2025

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
~~Section No.~~	~~8~~	~~Structure Plans~~
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 334

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8610-02-74	WISC 2025175	1
8610-08-73	WISC 2025176	

C CHIPPEWA FALLS, BAY STREET

HIGH STREET TO BRIDGE STREET

STH 124
CHIPPEWA COUNTY

STATE PROJECT NUMBER
8610-02-74

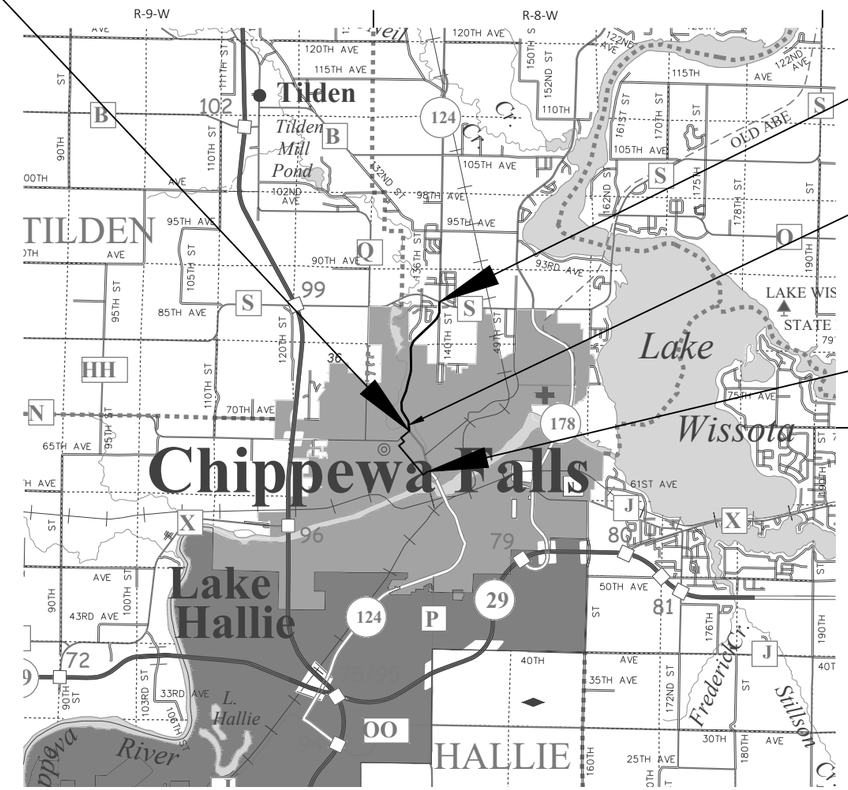
CHIPPEWA FALLS - BLOOMER

ELM STREET TO CTH S

STH 124
CHIPPEWA COUNTY

STATE PROJECT NUMBER
8610-08-73

BEGIN PROJECT 8610-08-73
END PROJECT 8610-02-74
STA 982+75.00
Y = 131,823.9473
X = 170,619.380



END PROJECT 8610-08-73
STA 1080+00.00
Y = 140,591.329
X = 172,648.215

B-09-001
EXCEPTION TO LENGTH
STA 986+18 - 987+73

BEGIN PROJECT 8610-02-74
STA 938+63.59
Y = 128,868.982
X = 171,877.473

DESIGN DESIGNATION		-74	-73
A.A.D.T.	(2025) =	6,400	5,620
A.A.D.T.	(2045) =	6,400	5,620
D.H.V.	(2045) =	10.1	10.1
D.D.	=	59/41	59/41
T.	=	11.7%	11.7%
DESIGN SPEED	=	25	25, 30, 45
ESALS	=	6,700,000	6,700,000

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		**UTILITIES**	
REFERENCE LINE	300'EB'	ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
WOODED OR SHRUB AREA		UTILITY PEDESTAL	
		POWER POLE	
		TELEPHONE POLE	

LAYOUT
SCALE 0 2.0 MI

TOTAL NET LENGTH OF CENTERLINE (-74) = 0.835 MI
TOTAL NET LENGTH OF CENTERLINE (-73) = 1.813 MI
TOTAL NET LENGTH OF CENTERLINE (ALL ID'S) = 2.648 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), CHIPPEWA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

ORIGINAL PLANS PREPARED BY
AECOM

WISCONSIN
ZACHARY R. LARSON
E-43030
MADISON
WI
PROFESSIONAL ENGINEER

7/25/24 (Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	AECOM
Designer	AECOM
Project Manager	JOSHUA LANG, P.E.
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	ANDREW FULCER, P.E.

APPROVED FOR THE DEPARTMENT
DATE: 7/25/2024 (Signature)

E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\010101-TI.DWG PLOT DATE : 10/23/2020 6:52 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME :

GENERAL NOTES

RADII, ELEVATIONS, AND DIMENSIONS ARE GIVEN AT THE PAVEMENT EDGES, UNLESS OTHERWISE NOTED IN THE PLANS.

THE CONTRACTOR SHALL NOT OPERATE BEYOND THE SLOPE INTERCEPTS AS SHOWN IN THE PLANS WHEN ADJACENT TO WETLANDS OR ENVIRONMENTALLY SENSITIVE AREAS.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING, OR PARKING LANE.

ADJUST TRAFFIC CONTROL DEVICE LOCATIONS TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

EROSION CONTROL ITEMS SHOWN IN THE MISCELLANEOUS QUANTITIES ARE AT SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS TO FIT FIELD CONDITIONS.

WETLANDS, WATERWAYS, AND OTHER ENVIRONMENTALLY SENSITIVE AREAS SHALL BE PROTECTED AT ALL TIMES. DO NOT STORE EQUIPMENT OR MATERIALS NEAR THESE SITES UNLESS APPROVED BY THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE BASE AGGREGATE DENSE (BAD) CALCULATIONS ARE BASED ON A UNIT WEIGHT OF 2.1 TONS/CY FOR 3/4-INCH BAD, 2.0 TONS/CY FOR 1 1/4-INCH BAD, AND 2.2 TONS/CY FOR 3-INCH BAD.

THE HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON A UNIT WEIGHT OF 112 LBS/SY/IN OF DEPTH.

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
CURB DETAILS
BASE PATCHING DETAILS
CURB RAMP DETAILS
EROSION CONTROL
STORM SEWER
SIGNAL PLANS
MARKING PLANS
TRAFFIC CONTROL
ALIGNMENT DIAGRAM

CONVENTIONAL ABBREVIATIONS

AHEAD	AH
BACK	BK
CENTERLINE	CL or C/L
CONCRETE	CONC
COORDINATES	COORDS
CULVERT	CULV
CULVERT PIPE CORRUGATED ALUMINUM	CPCA
CULVERT PIPE REINFORCED CONCRETE	CPRC
COUNTY TRUNK HIGHWAY	CTH
DEGREE OF CURVATURE	D
EAST	E
EASTING	X
ELEVATION	ELEV
EXISTING	EX
GAS VALVE	GV
GRID NORTH	GN
HOT MIX ASPHALT	HMA
HYDRANT	HYD
LENGTH OF CURVE	L
LEFT	LT
NORTH	N
NORTHBOUND	NB
NORTHING	Y
POINT OF TANGENCY	PT
PROPERTY LINE	PL
REFERENCE LINE	RL or R/L
PIPE ARCH CORRUGATE STEEL ALUMINUM COATED	PACSAC
POINT OF CURVATURE	PC
POINT OF INTERSECTION	PI
RADIUS	R
REQUIRED	REQ'D
RIGHT	RT
RIGHT OF WAY	R/W
SHOULDER	SHLD
SOUTH	S
SOUTHBOUND	SB
SUPERELEVATION	SE
SEPTIC VENT	SEPV
SQUARE FEET	SF
STATE TRUNK HIGHWAY	STH
STATION	STA
TANGENT	T
TELEPHONE PEDESTAL	TP
TYPICAL	TYP.
VOLUME	V
VARIES	VAR.
WEST	W

8610-02-74

COMMUNICATIONS

AT&T WISCONSIN
RICK PODOLAK
4TH FLOOR, 304 S DEWEY ST
EAU CLAIRE, WI 54701
PHONE: (715) 839-5565 (OFFICE)
PHONE: (715) 410-0656 (CELL)
EMAIL: rp4514@att.com

CINC
DAREN BAUER
105 GARFIELD AVE
EAU CLAIRE, WI 54701
PHONE: (715) 836-5286
EMAIL: bauerdp@uwec.edu

SPECTRUM
ALAN ZARECKI
1201 MCCANN DR
ALTOONA, WI 54720
PHONE: (715) 214-1175 (OFFICE)
PHONE: (608) 228-2871 (CELL)
EMAIL: chtr_wi_const@charter.com

ELECTRICITY

XCEL ENERGY - ELECTRICITY - TRANSMISSION
1414 W HAMILTON AVE
EAU CLAIRE, WI 54701
PHONE: (715) 737-1431

GAS/PETROLEUM

XCEL ENERGY - GAS/PETROLEUM
KRISTEN HOFACKER
1414 WESTERN AVE
P.O. BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: (715) 737-1086 (OFFICE)
PHONE: (715) 577-9183 (CELL)
EMAIL: kristen.a.hofacker@xcelenergy.com

SEWER & WATER

CHIPPEWA FALLS DEPT. OF PUBLIC UTILITY - SEWER & WATER
BRANDON CESAFSKY
30 WEST CENTRAL ST
CHIPPEWA FALLS, WI 54729
PHONE: (715) 726-2736 (ENGINEERING DEPT.)
PHONE: (715) 726-2741 (WATER DEPT.)
EMAIL: btcesafsky@chippewafalls-wi.gov

8610-08-73

COMMUNICATIONS

AT&T WISCONSIN
RICK PODOLAK
4TH FLOOR, 304 S DEWEY ST
EAU CLAIRE, WI 54701
PHONE: (715) 839-5565 (OFFICE)
PHONE: (715) 410-0656 (CELL)
EMAIL: rp4514@att.com

CINC
DAREN BAUER
105 GARFIELD AVE
EAU CLAIRE, WI 54701
PHONE: (715) 836-5286
EMAIL: bauerdp@uwec.edu

SPECTRUM
ALAN ZARECKI
1201 MCCANN DR
ALTOONA, WI 54720
PHONE: (715) 214-1175 (OFFICE)
PHONE: (608) 228-2871 (CELL)
EMAIL: chtr_wi_const@charter.com

ELECTRICITY

XCEL ENERGY - ELECTRICITY - TRANSMISSION
1414 W HAMILTON AVE
EAU CLAIRE, WI 54701
PHONE: (715) 737-1431

GAS/PETROLEUM

XCEL ENERGY - GAS/PETROLEUM
KRISTEN HOFACKER
1414 WESTERN AVE
P.O. BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: (715) 737-1086 (OFFICE)
PHONE: (715) 577-9183 (CELL)
EMAIL: kristen.a.hofacker@xcelenergy.com

SEWER & WATER

CHIPPEWA FALLS DEPT. OF PUBLIC UTILITY - SEWER & WATER
BRANDON CESAFSKY
30 WEST CENTRAL ST
CHIPPEWA FALLS, WI 54729
PHONE: (715) 726-2736 (ENGINEERING DEPT.)
PHONE: (715) 726-2741 (WATER DEPT.)
EMAIL: btcesafsky@chippewafalls-wi.gov

DESIGN CONTACT

AECOM
ZACH LARSON
1350 DEMING WAY, STE. 100
MIDDLETON, WI 53562
PHONE: (608) 828-8165
EMAIL: zachary.larson@aecom.com

WISDOT

WisDOT DESIGN PROJECT MANAGER
JOSH LANG
944 VANDERPERREN WAY
GREEN BAY, WI 54304
PHONE: (920) 362-6170
EMAIL: joshua.lang@dot.wi.gov

WISDNR

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
(NORTHERN REGION)
AMY CRONK
810 W MAPLE STREET
SPOONER, WI 54801
PHONE: (715) 635-4229
EMAIL: amy.cronk@wisconsin.gov

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

2

N

BEGIN PROJECT 8610-08-73
END PROJECT 8610-02-74
STA 982+75.00
Y = 131,823.947
X = 170,619.380

RIVER ST
SPRING ST
CENTRAL ST
GRAND AVT
COLUMBIA ST
WILLOW ST
BIRCH ST
SPRUCE ST
CEDAR ST
ELM ST
BRIDGE ST
HIGH ST
POND ST
BRIDEWATER AVE
JOHN ST
FAIR ST
IVING PARK DR
EDWARD ST
1ST AVE
2ND AVE
3RD AVE
4TH AVE
ASHLEY LN
7TH AVE
136TH ST
140TH ST
CTH S

940
950
960
970
980
990
1000
1010
1020
1030
1040
1050
1060
1070
1080
1090
1100

STA 1051+45
CULVERT REPLACEMENT

STA 1064+86
CULVERT REPLACEMENT

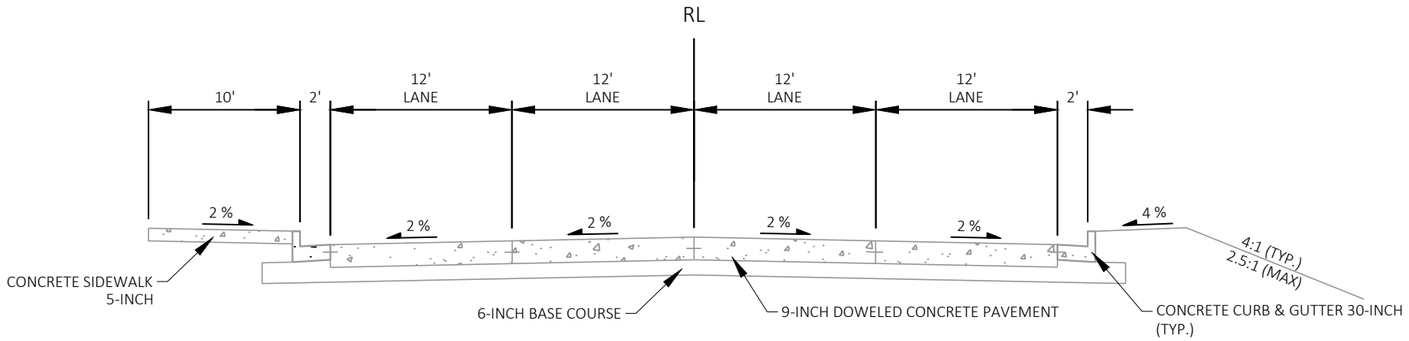
BEGIN PROJECT 8610-02-74
STA 938+63.59
Y = 128,868.982
X = 171,877.473

END PROJECT 8610-08-73
STA 1080+00.00
Y = 140,591.329
X = 172,648.215

PROJECT NO: 8610-02-74/8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PROJECT OVERVIEW	SHEET 3	E

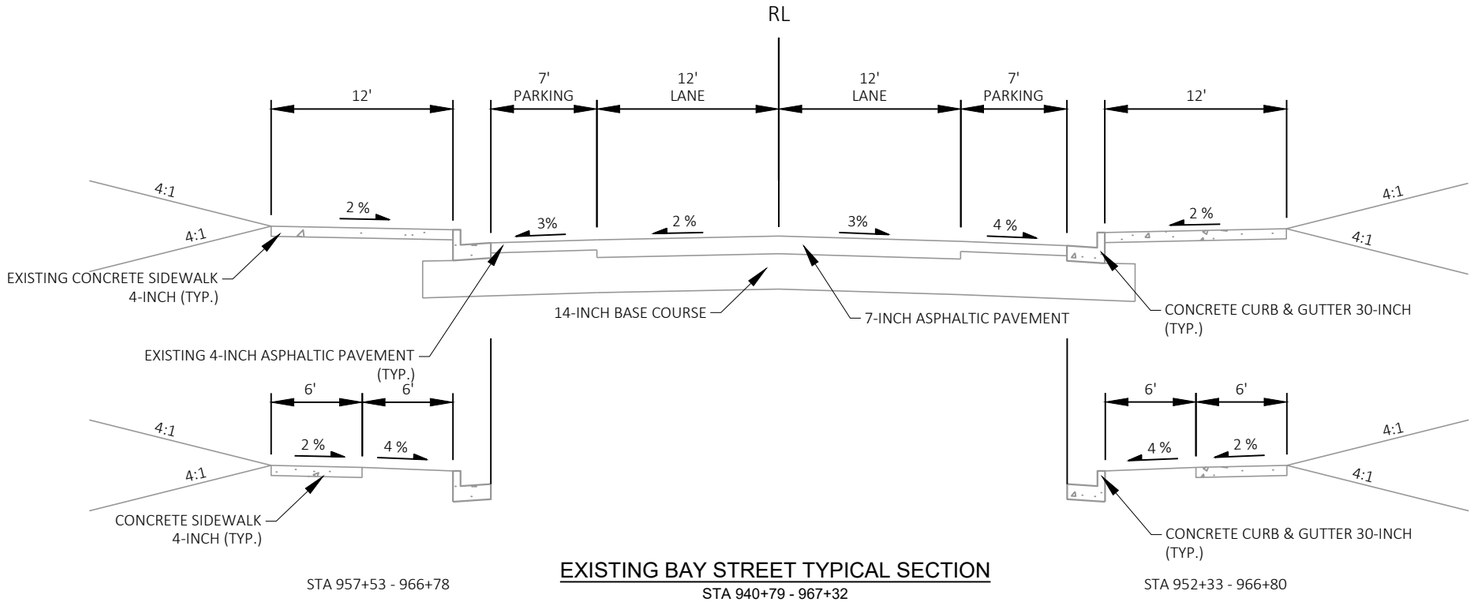
FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\020201-PO.DWG
LAYOUT NAME - 01
PLOT DATE : 7/5/2024 7:17 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

2



EXISTING RIVER STREET TYPICAL SECTION

STA 938+63 - 940+79



STA 957+53 - 966+78

EXISTING BAY STREET TYPICAL SECTION

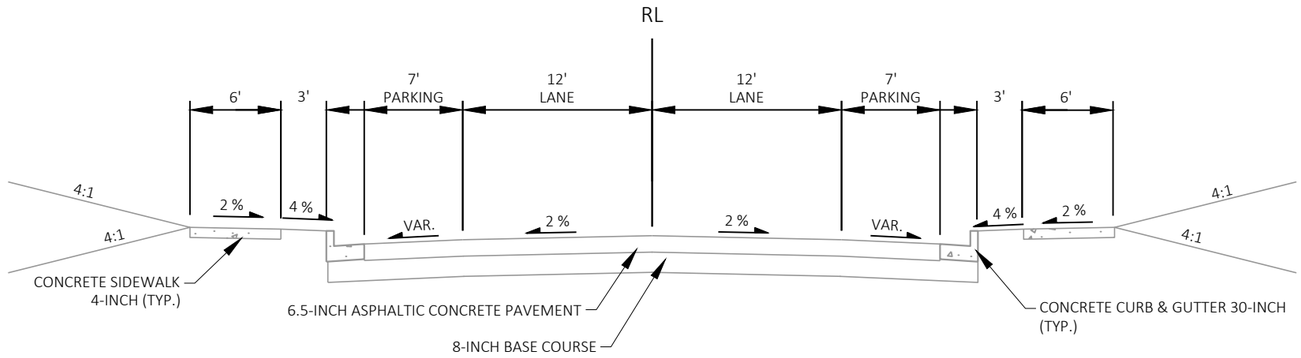
STA 940+79 - 967+32

STA 952+33 - 966+80

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	EXISTING TYPICAL SECTIONS	SHEET 4	E

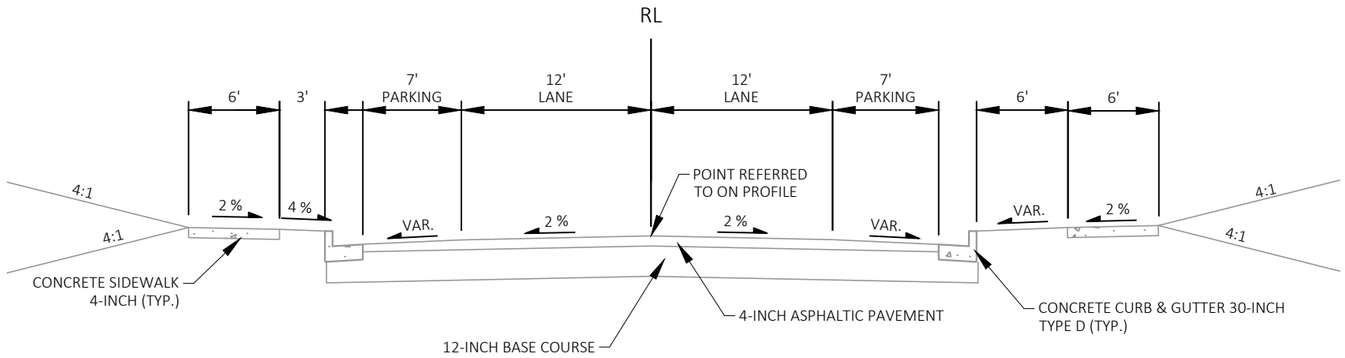
FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\020301-TS.DWG
LAYOUT NAME - 01
PLOT DATE : 7/5/2024 7:17 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



EXISTING CEDAR/BRIDGE STREET TYPICAL SECTION

STA 967+32 - 975+07



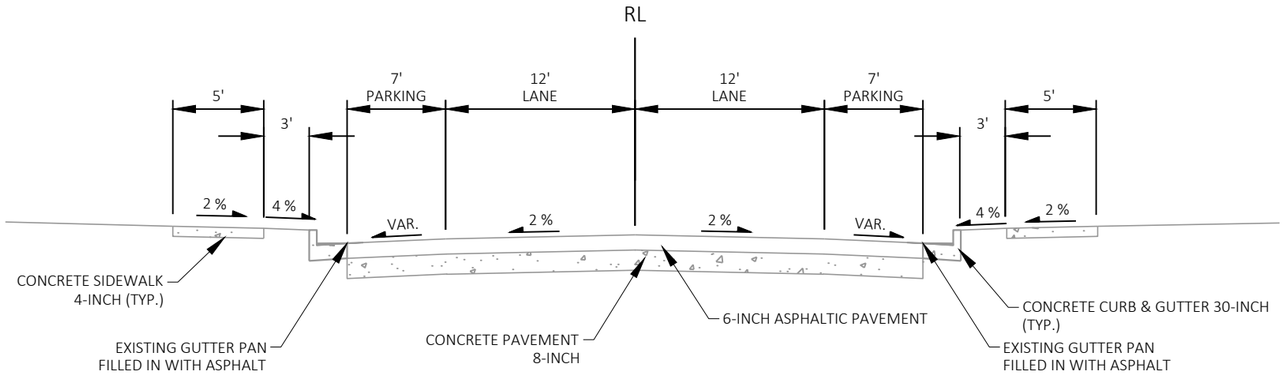
EXISTING ELM STREET TYPICAL SECTION

STA 975+07 - 982+75

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	EXISTING TYPICAL SECTIONS	SHEET 5	E

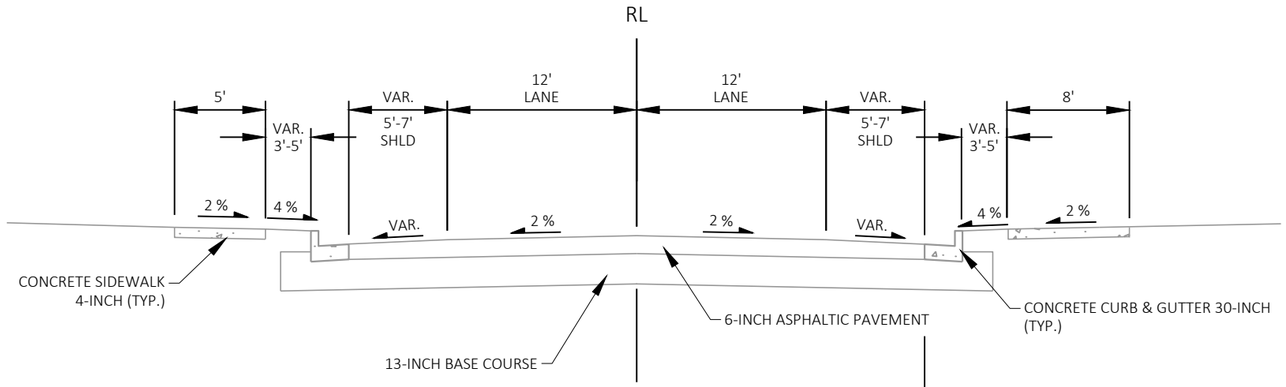
FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\020301-TS.DWG
LAYOUT NAME - 02
PLOT DATE : 7/5/2024 7:17 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



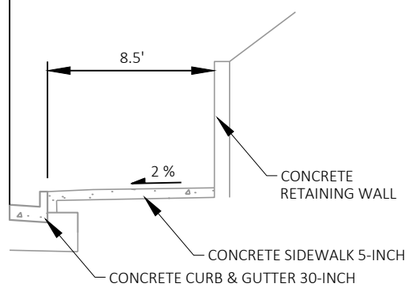
EXISTING STH 124 TYPICAL SECTION

STA 982+75 - 986+21



EXISTING STH 124 TYPICAL SECTION

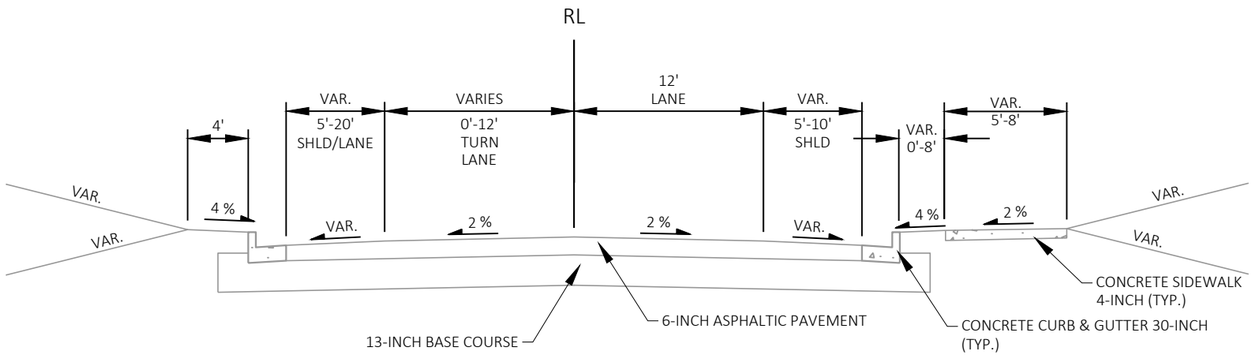
STA 986+21 - 999+22



STA 992+98 - 994+33

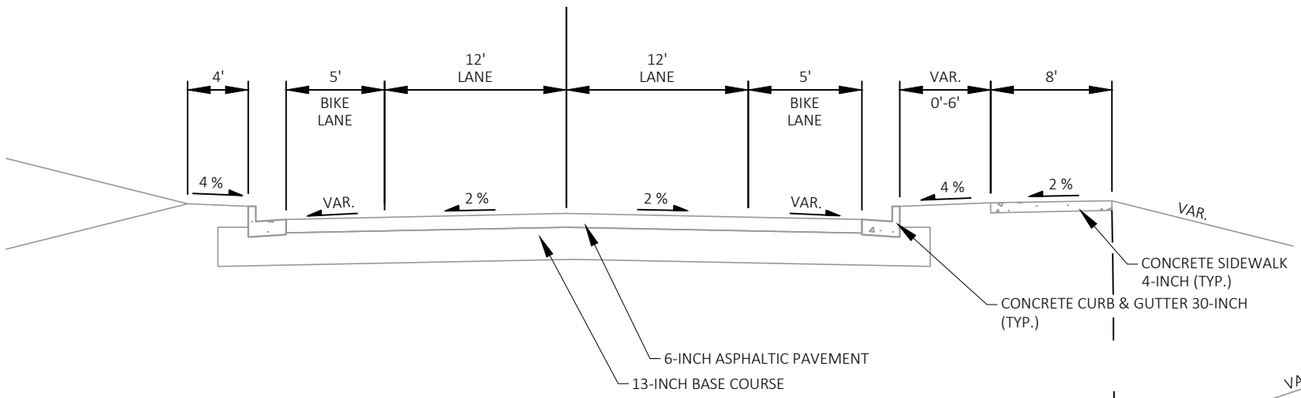
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	EXISTING TYPICAL SECTIONS	SHEET 6	E

2



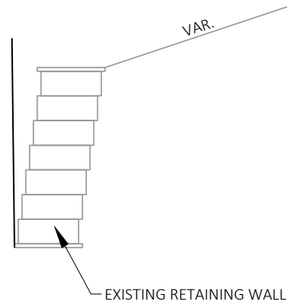
EXISTING STH 124 TYPICAL SECTION

STA 999+22 - 1010+35
STA 1015+35 - 1024+80



EXISTING STH 124 STREET TYPICAL SECTION

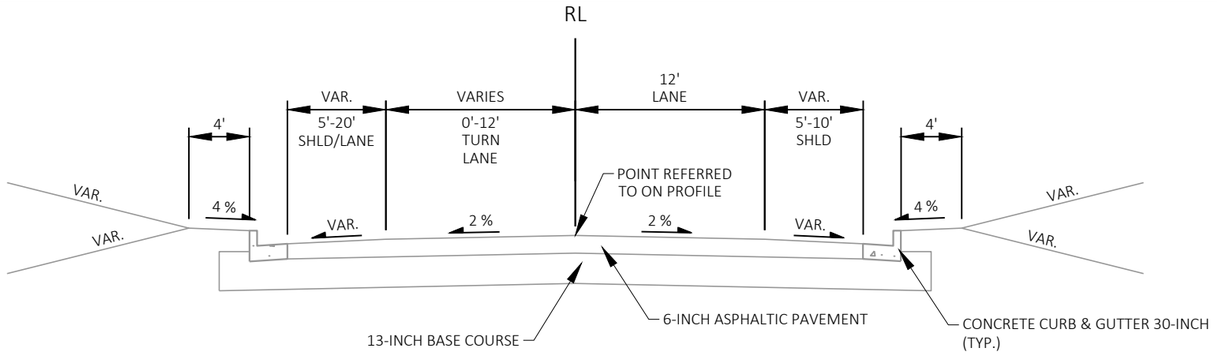
STA 1010+35 - 1015+35



STA 1010+35 - 1011+87

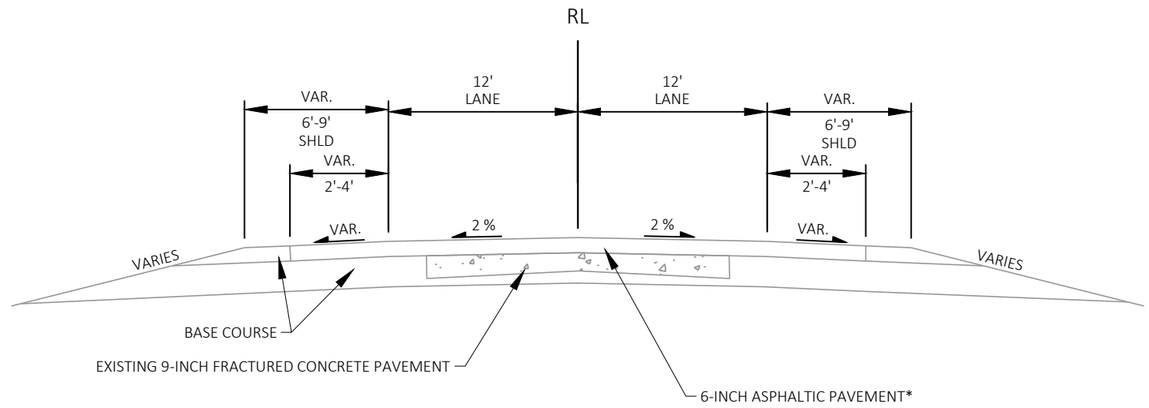
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	EXISTING TYPICAL SECTIONS	SHEET 7	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\020301-TS.DWG
LAYOUT NAME - 04
PLOT DATE : 7/5/2024 7:17 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



EXISTING STH 124 TYPICAL SECTION

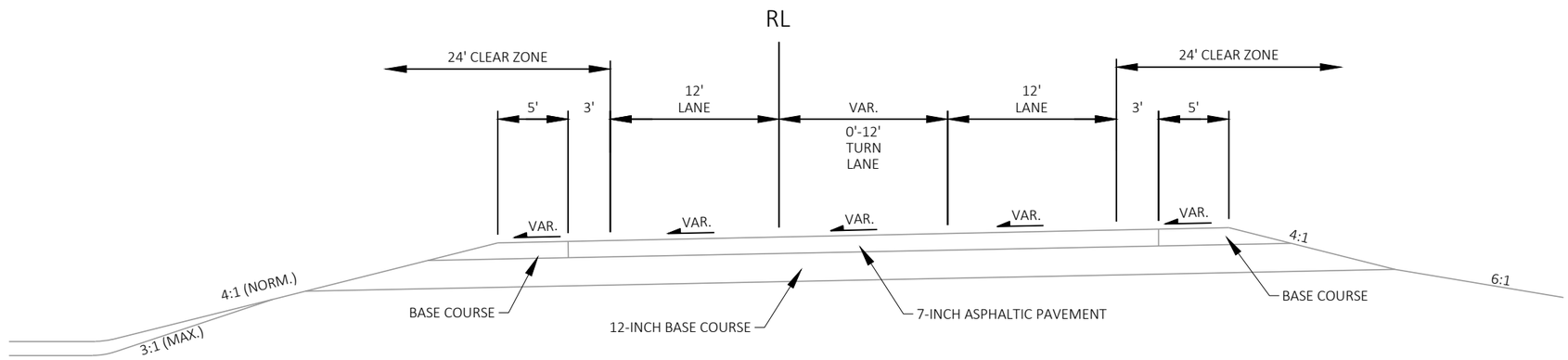
STA 1024+80 - 1028+21



* ASPHALTIC PAVEMENT DEPTH VARIES 6-INCHES TO 9-INCHES

EXISTING STH 124 TYPICAL SECTION

STA 1028+21 - 1068+60

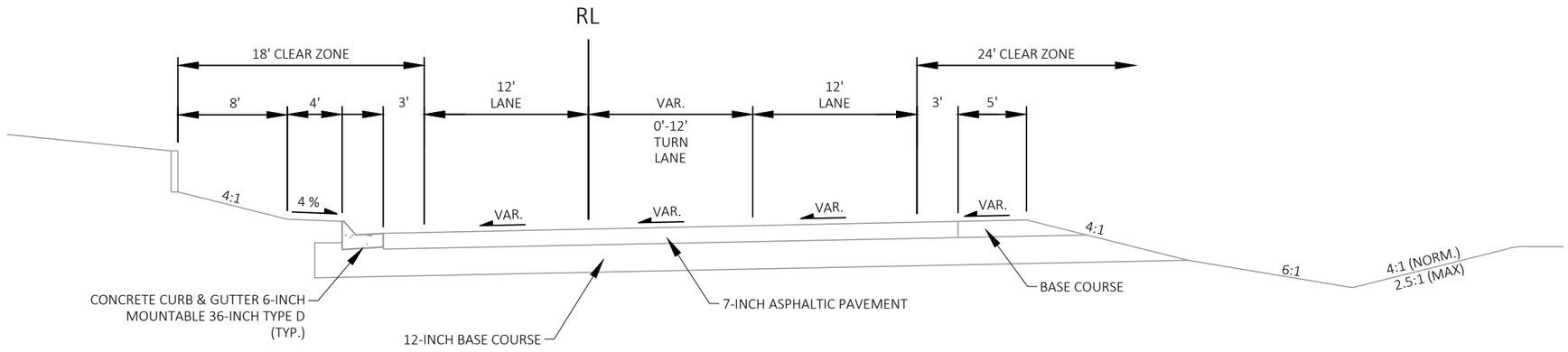


EXISTING STH 124 TYPICAL SECTION

STA 1068+60 - 1073+61

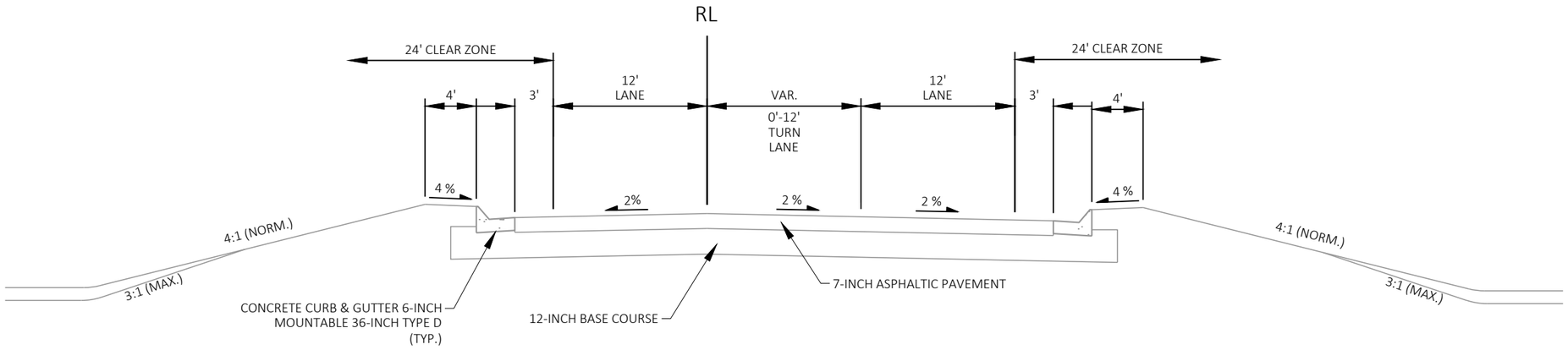
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	EXISTING TYPICAL SECTIONS	SHEET 8	E

2



EXISTING STH 124 TYPICAL SECTION

STA 1073+61 - 1078+62

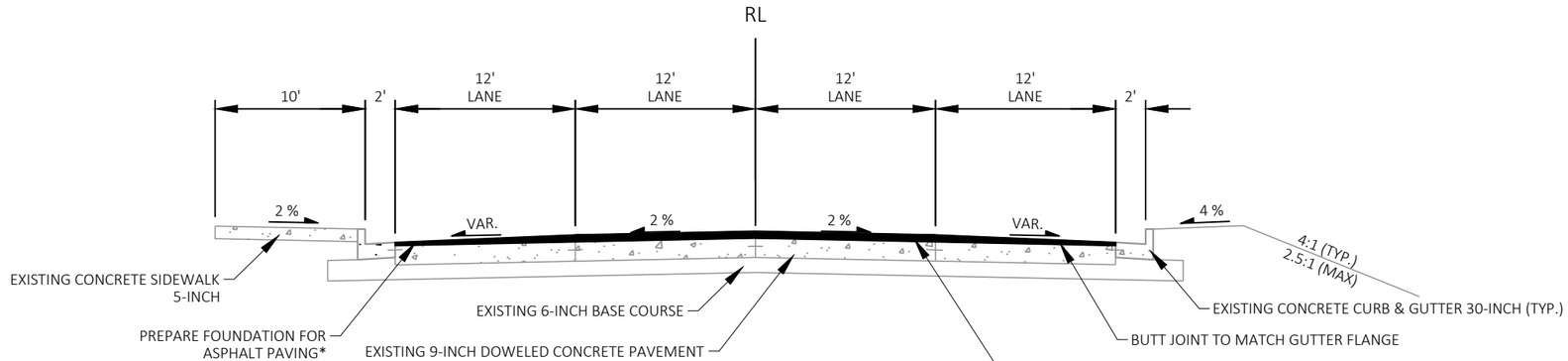


EXISTING STH 124 TYPICAL SECTION

STA 1078+62 - 1080+00

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	EXISTING TYPICAL SECTIONS	SHEET 9	E

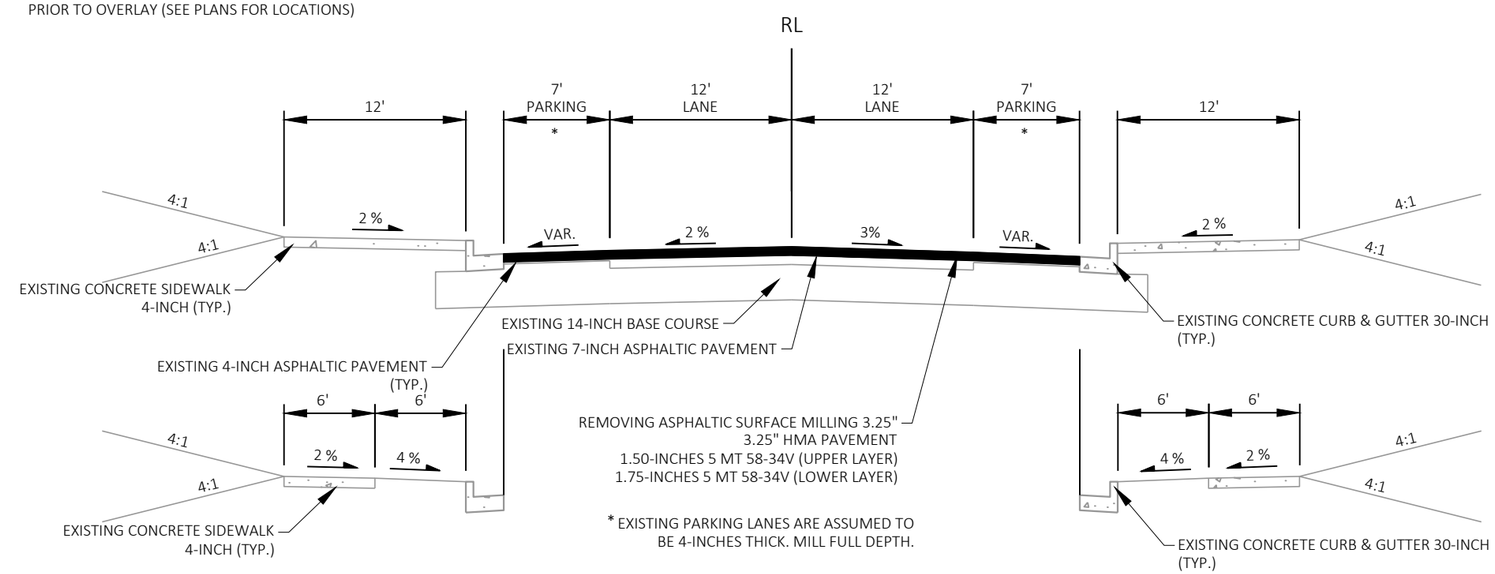
2



FINISHED RIVER STREET TYPICAL SECTION

STA 938+63 - 940+79

* CONCRETE PAVEMENT REPAIR/JOINT CLEANING PRIOR TO OVERLAY (SEE PLANS FOR LOCATIONS)



STA 957+53 - 966+78

STA 952+33 - 966+80

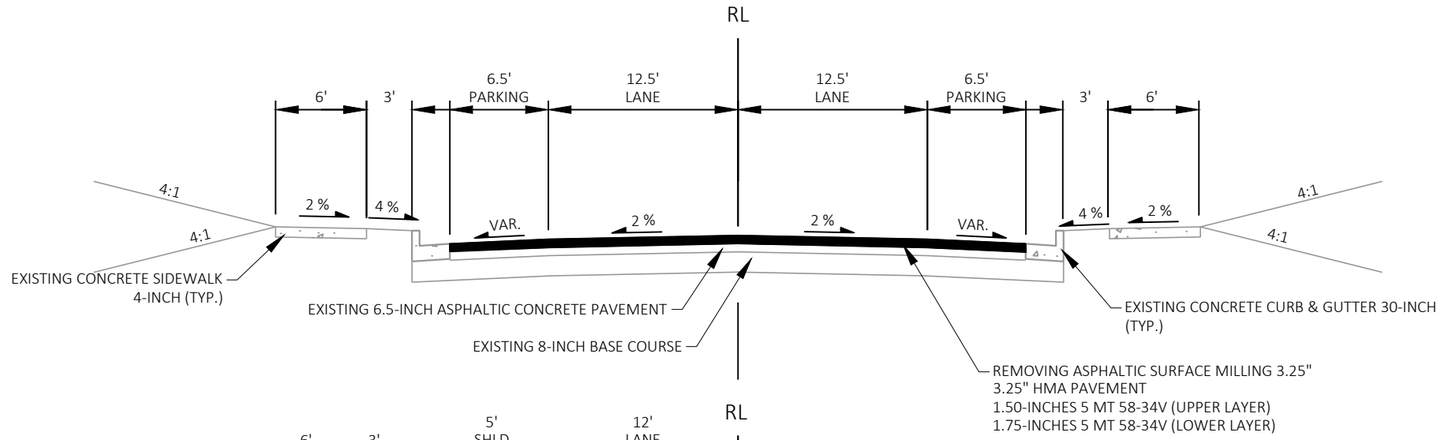
FINISHED BAY STREET TYPICAL SECTION

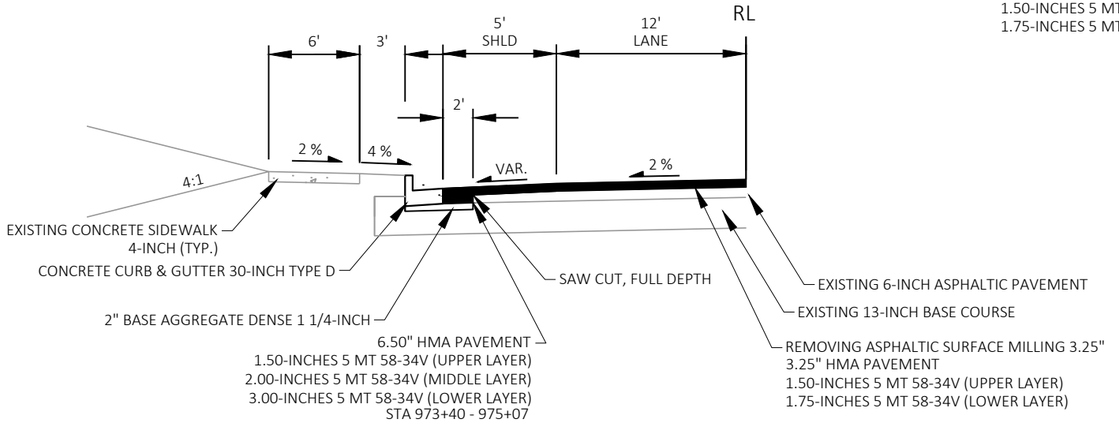
STA 940+79 - 967+32

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	FINISHED TYPICAL SECTIONS	SHEET 10	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\020302-TS.DWG
LAYOUT NAME - 01
PLOT DATE : 11/18/2024 2:41 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

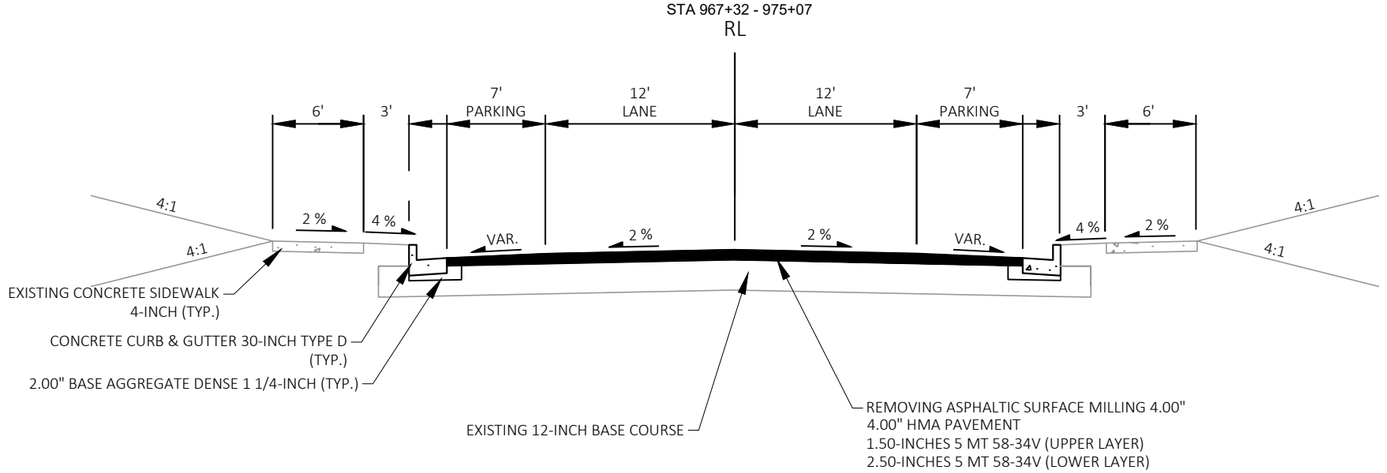
2





FINISHED CEDAR/BRIDGE STREET TYPICAL SECTION

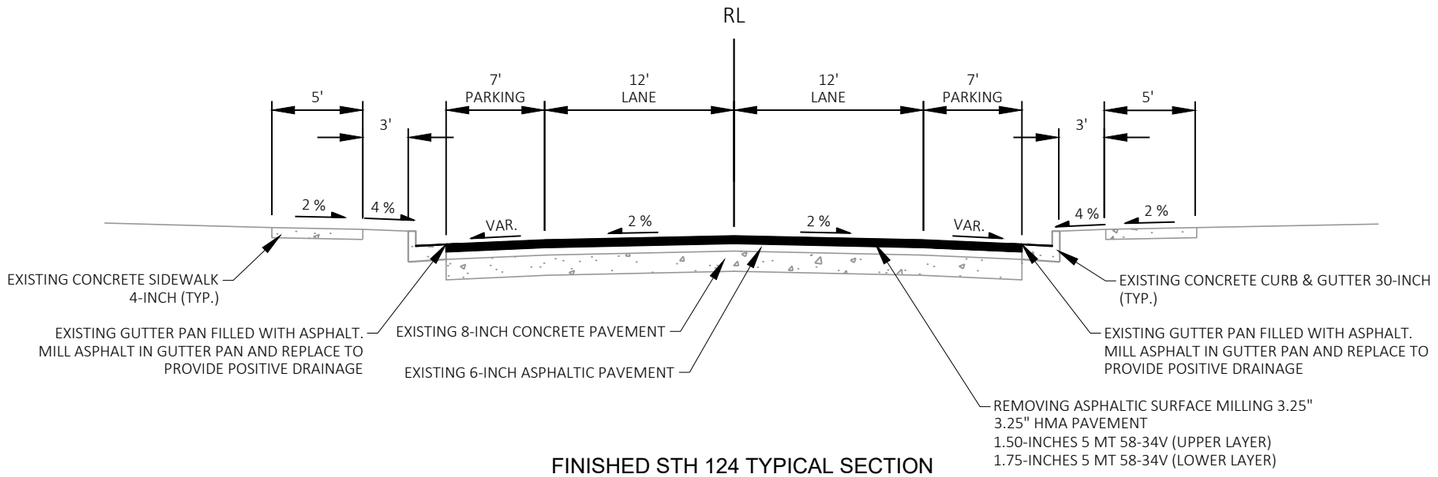
STA 967+32 - 975+07



FINISHED ELM STREET TYPICAL SECTION

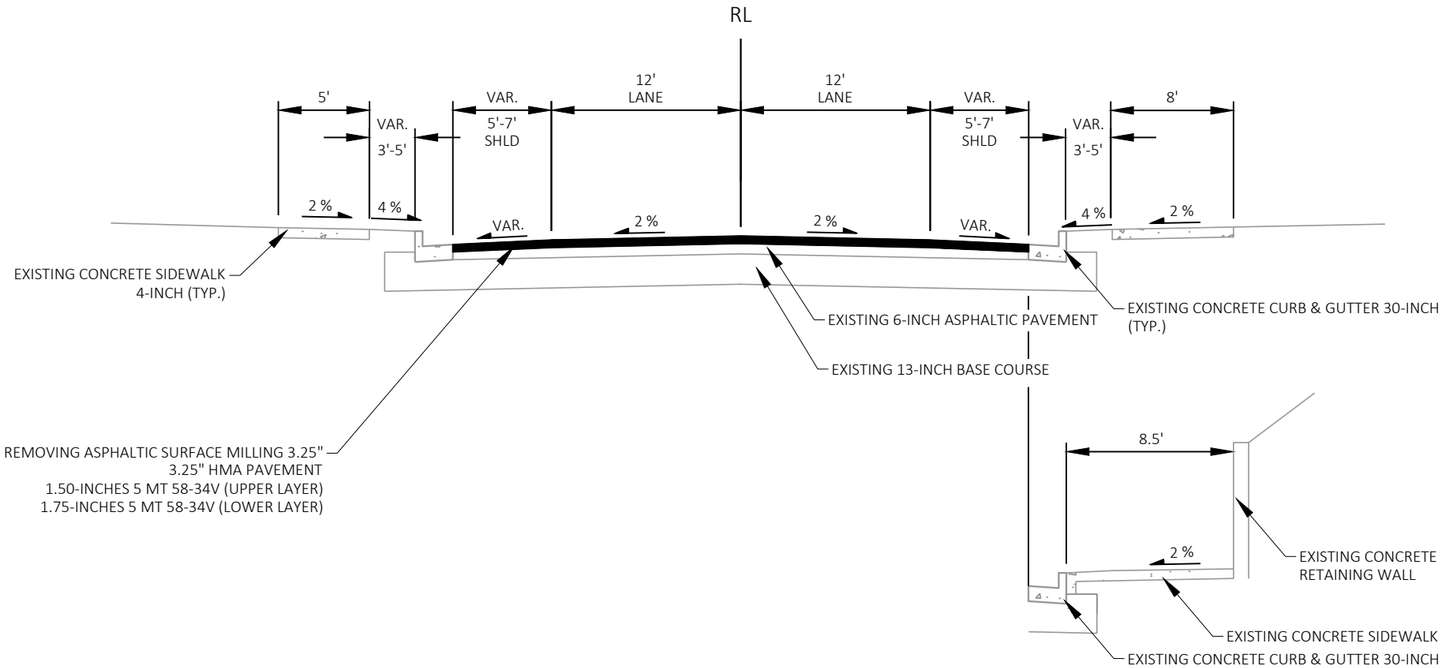
STA 975+07 - 982+75

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	FINISHED TYPICAL SECTIONS	SHEET 11	E



FINISHED STH 124 TYPICAL SECTION

STA 982+75 - 986+21

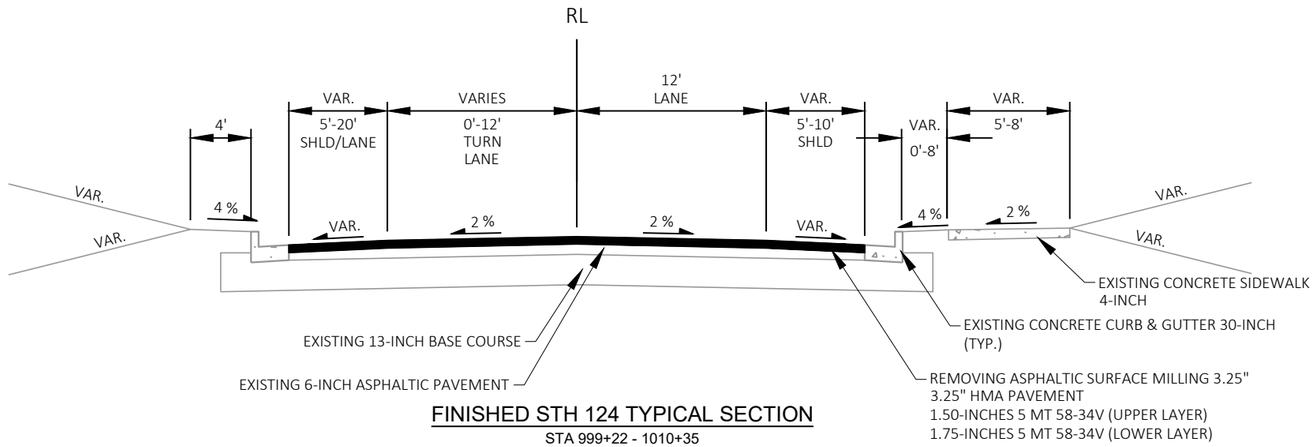


STA 992+98 - 994+33

FINISHED STH 124 TYPICAL SECTION

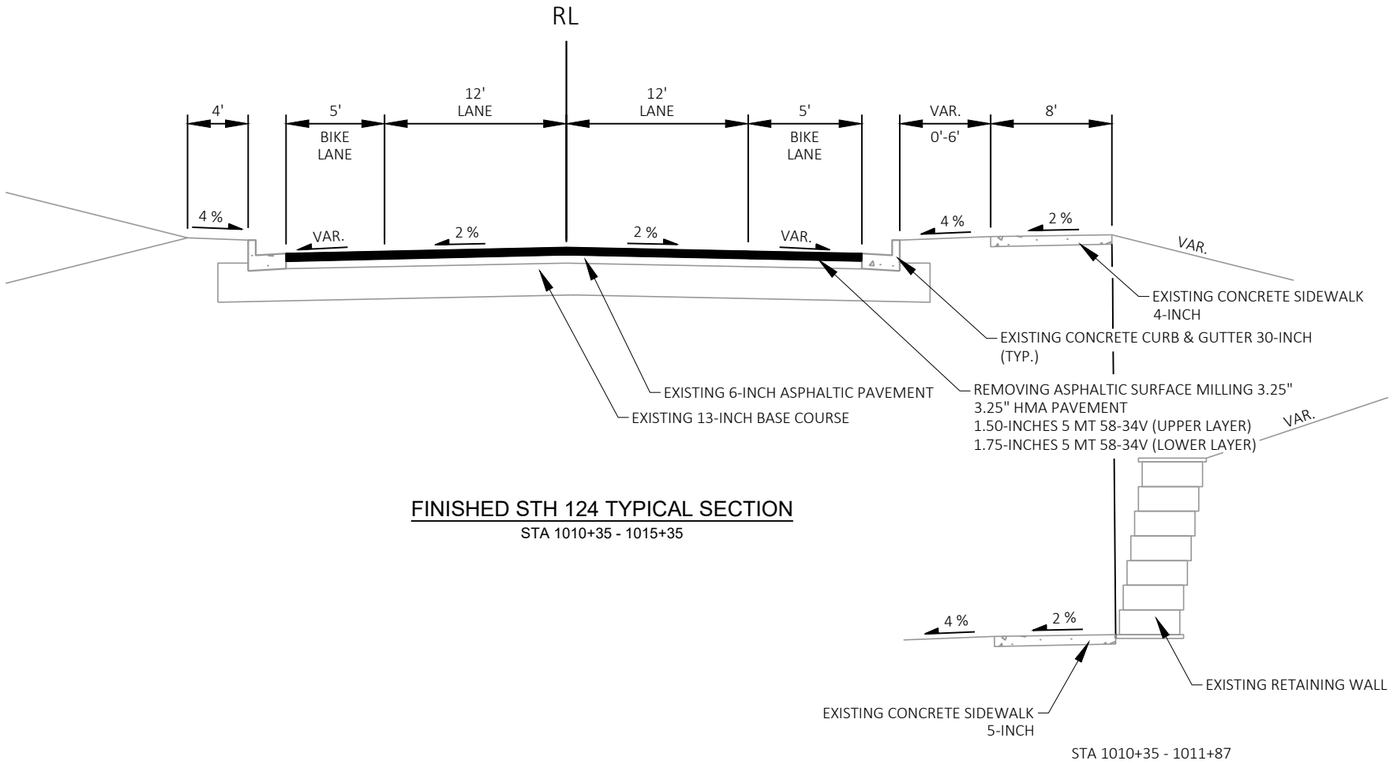
STA 987+76 - 999+22

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	FINISHED TYPICAL SECTIONS	SHEET 12	E



FINISHED STH 124 TYPICAL SECTION

STA 999+22 - 1010+35
STA 1015+35 - 1024+80



FINISHED STH 124 TYPICAL SECTION

STA 1010+35 - 1015+35

STA 1010+35 - 1011+87

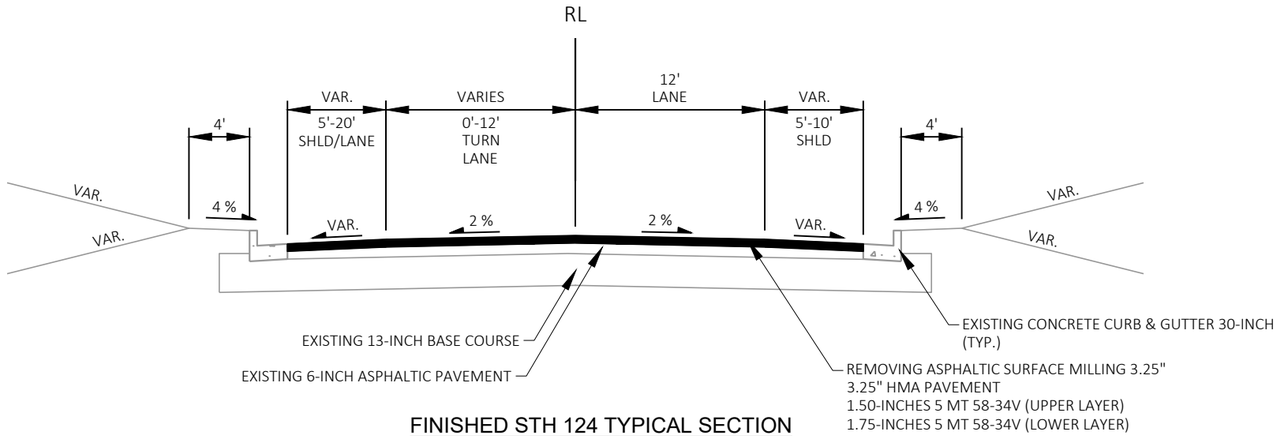
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	FINISHED TYPICAL SECTIONS	SHEET 13	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\020302-TS.DWG
LAYOUT NAME - 04

PLOT DATE : 11/18/2024 2:41 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:10 FT

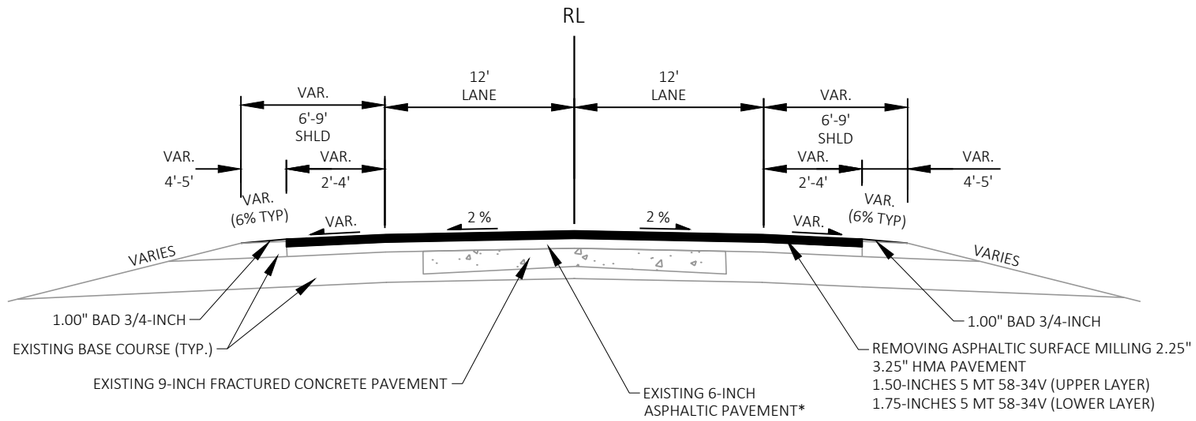
WISDOT/CADDS SHEET 42

2



FINISHED STH 124 TYPICAL SECTION

STA 1024+80 - 1028+21

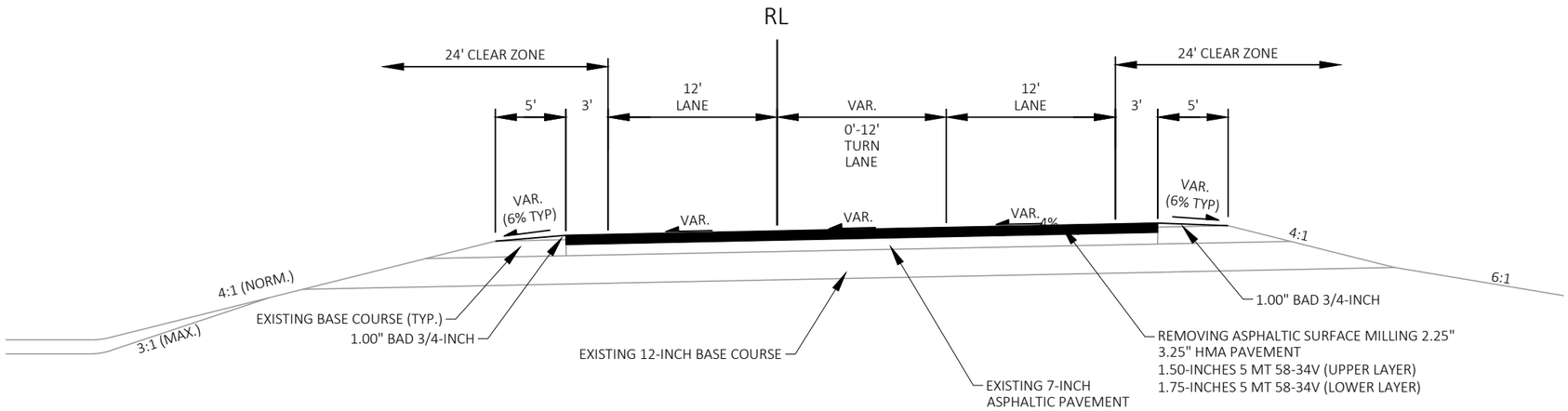


FINISHED STH 124 TYPICAL SECTION

STA 1028+21 - 1068+60

* EXISTING ASPHALTIC PAVEMENT DEPTH VARIES 5.5-INCHES TO 6.5-INCHES

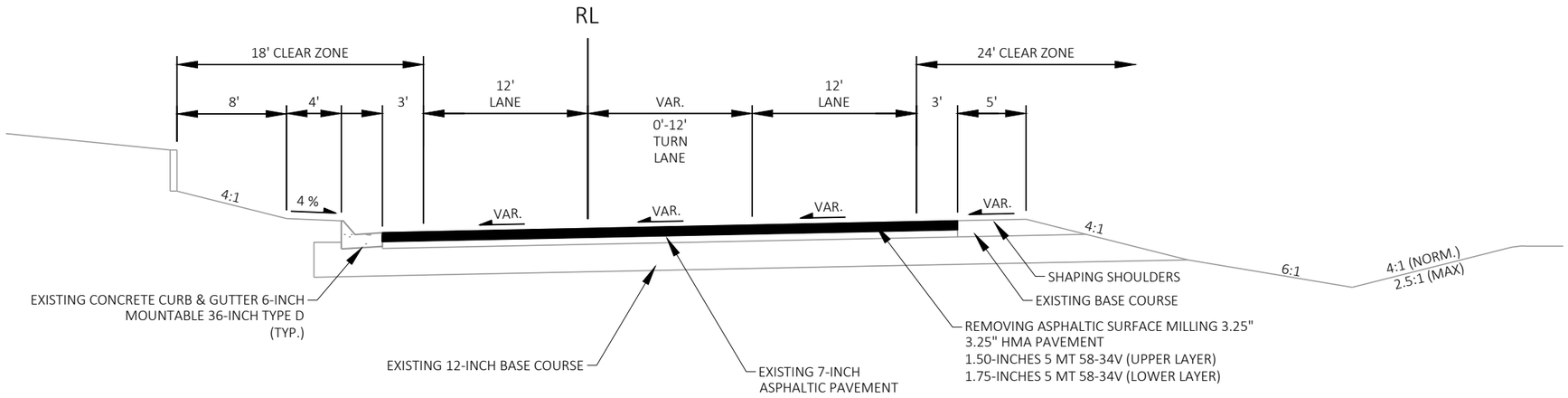
2



FINISHED STH 124 TYPICAL SECTION

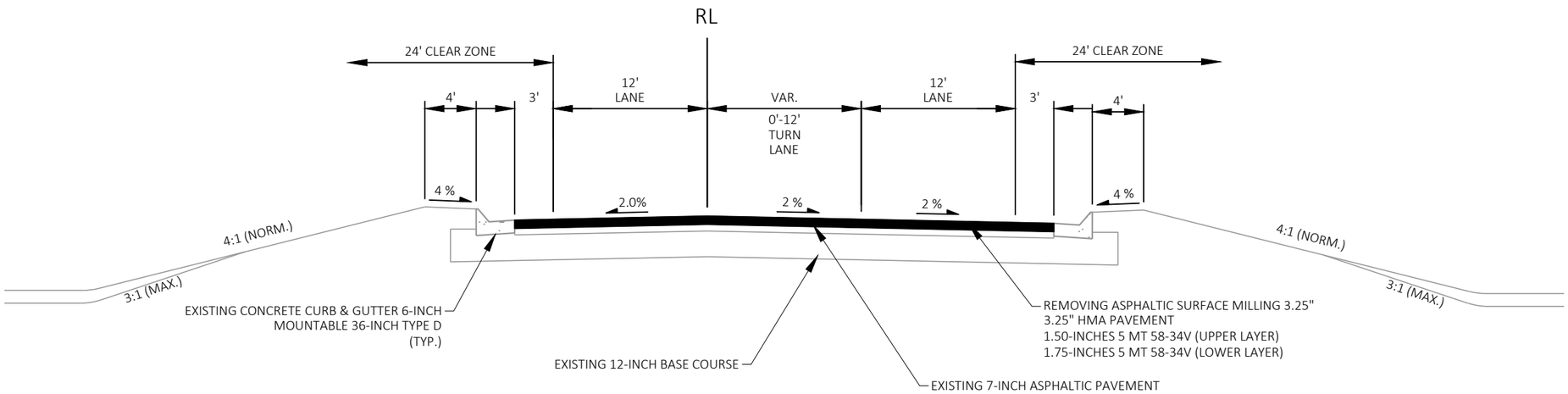
STA 1068+60 - 1073+61

2



FINISHED STH 124 TYPICAL SECTION

STA 1073+61 - 1078+62



FINISHED STH 124 TYPICAL SECTION

STA 1078+62 - 1080+00

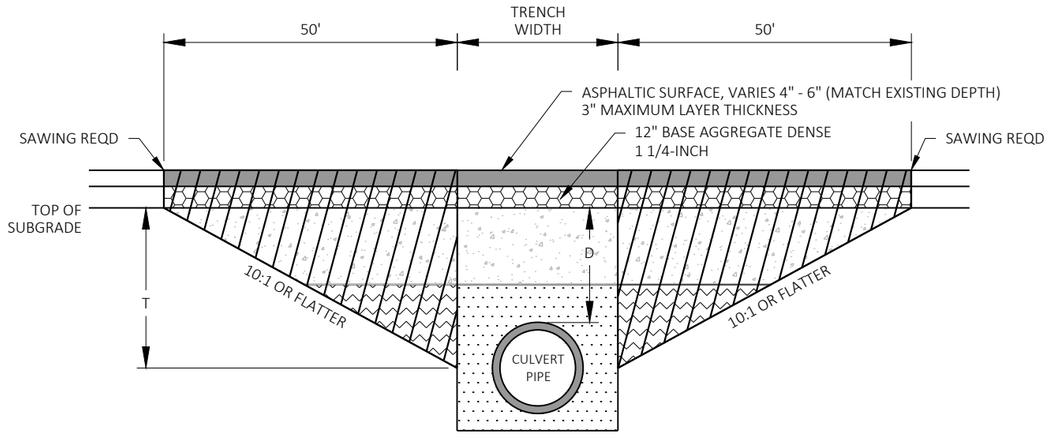
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	FINISHED TYPICAL SECTIONS	SHEET 16	E

2

RUNOFF COEFFICIENT TABLE

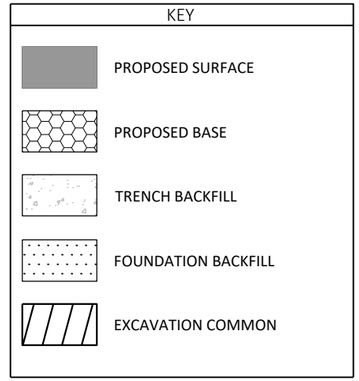
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 26 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 13.67 ACRES



DEPTH D < 6 FT

TRANSITION CUT DEPTH (T) = THE LESSER OF DEPTH TO CENTER OF PIPE OR 5 FT.
DO NOT EXTEND TRANSITION CUT BELOW HORIZONTAL CENTER OF PIPE.



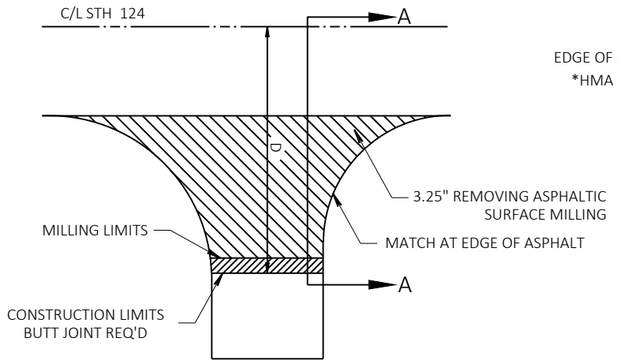
NOTES

TRANSITION CUT WIDTH IS FROM SUBGRADE SHOULDER POINT TO SUBGRADE SHOULDER POINT.
PERFORM CULVERT PIPE INSTALLATION BEFORE MILLING AND PAVING.
PLACE 2 LAYERS OF (3-INCH MAX LAYER THICKNESS) ASPHALTIC SURFACE AFTER CULVERT PIPE INSTALLATION AND BEFORE MILLING AND PAVING OVERLAY.

CULVERT PIPE TRANSITION

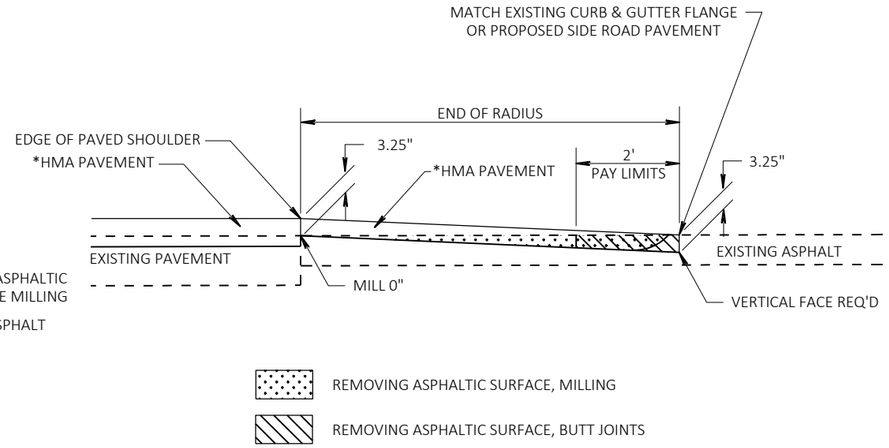
ROUTE	STA (CL)	DEPTH D (FT)	PIPE DIA (IN)
STH 124	1051+45	2.0	19X30
STH 124	1064+86	1.7	19X30
STH 124	1064+86	1.8	19X30

* SEE TYPICAL SECTIONS FOR PAVEMENT TYPE AND THICKNESS OF INDIVIDUAL LAYERS



D = FARTHEST RADIUS FROM STH 124 OR AS DIRECTED BY ENGINEER

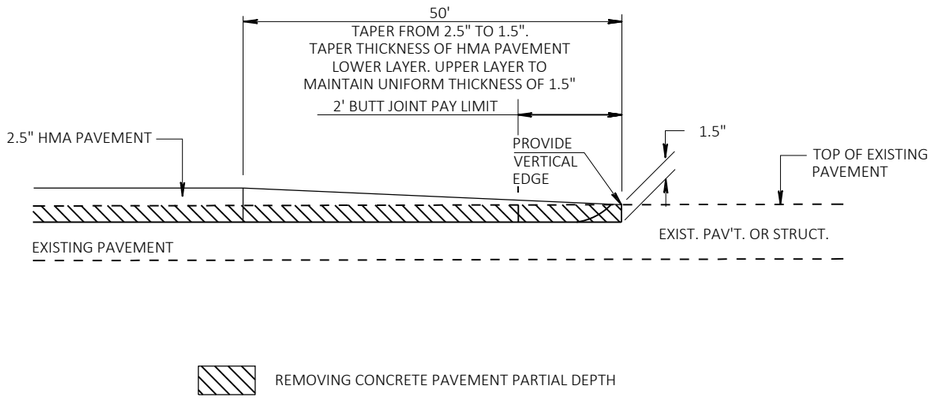
PLAN VIEW
INTERSECTION WITHOUT CURB & GUTTER



SECTION A - A

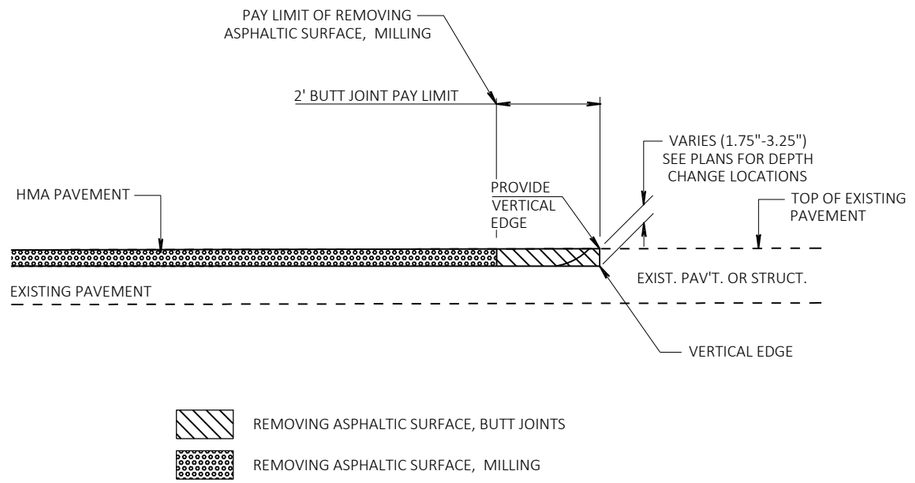
REMOVING ASPHALTIC SURFACE BUTT JOINTS DETAIL

SIDEROAD



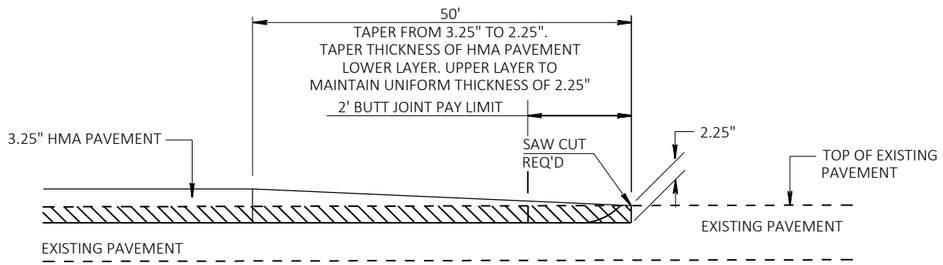
REMOVING CONCRETE PAVEMENT SURFACE BUTT JOINTS DETAIL

MAINLINE
RIVER STREET (STA 938+63 - 940+79)



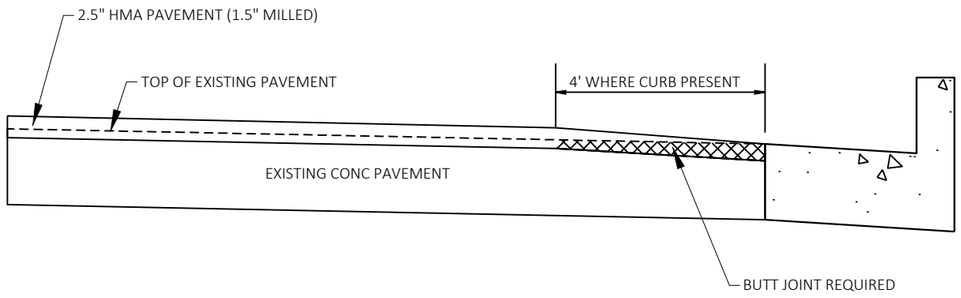
REMOVING ASPHALTIC SURFACE BUTT JOINTS DETAIL

NO PROFILE CHANGE



REMOVING ASPHALTIC SURFACE BUTT JOINTS DETAIL

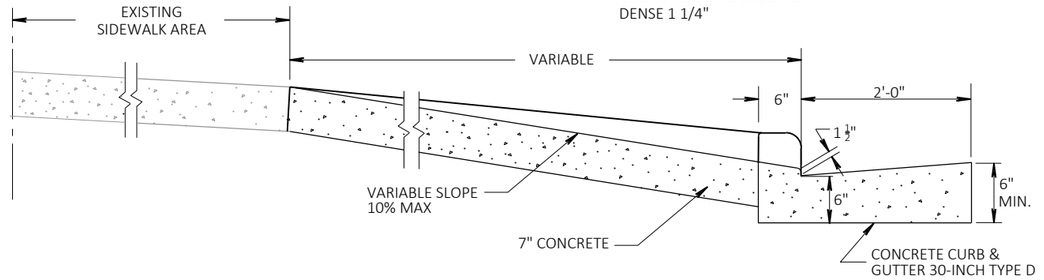
PROFILE CHANGE
STA 1028+21 - 1073+61



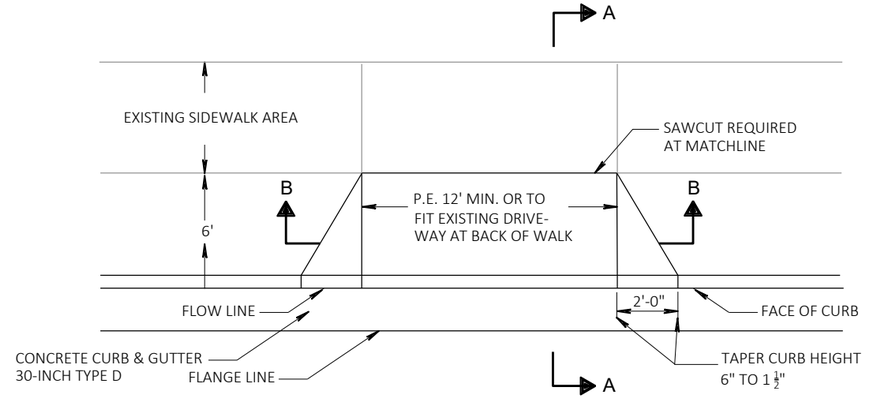
REMOVING CONCRETE PAVEMENT BUTT JOINT WITH CURB AND GUTTER PRESENT

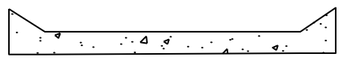
STA 983+63 - 940+79

NOTES: CONCRETE DRIVEWAY 7-INCH OVER 6" BASE AGGREGATE DENSE 1 1/4"



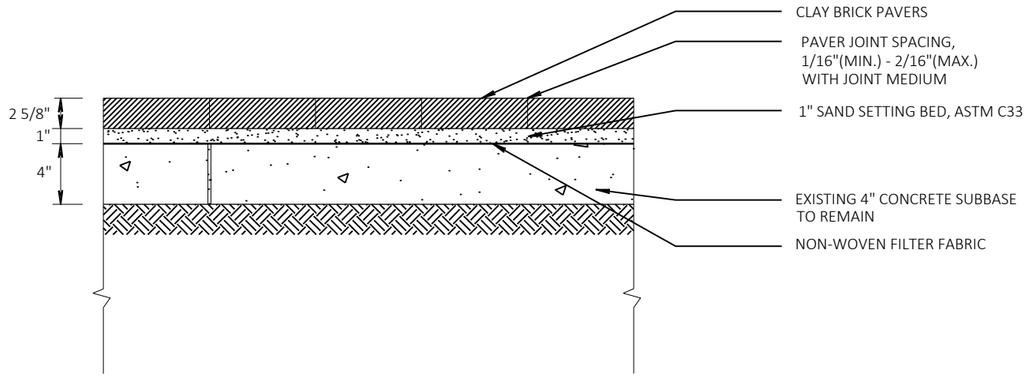
SECTION A-A

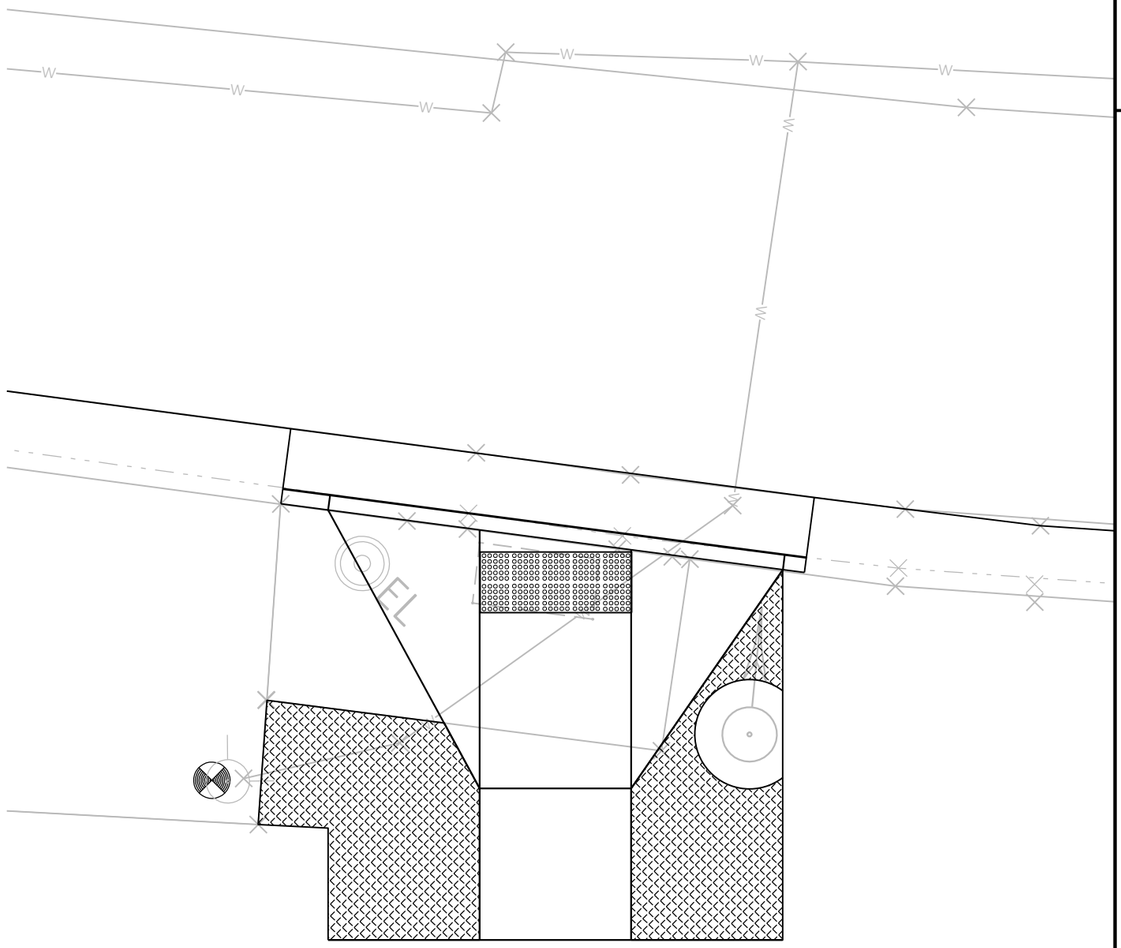




SECTION B-B

DRIVEWAYS

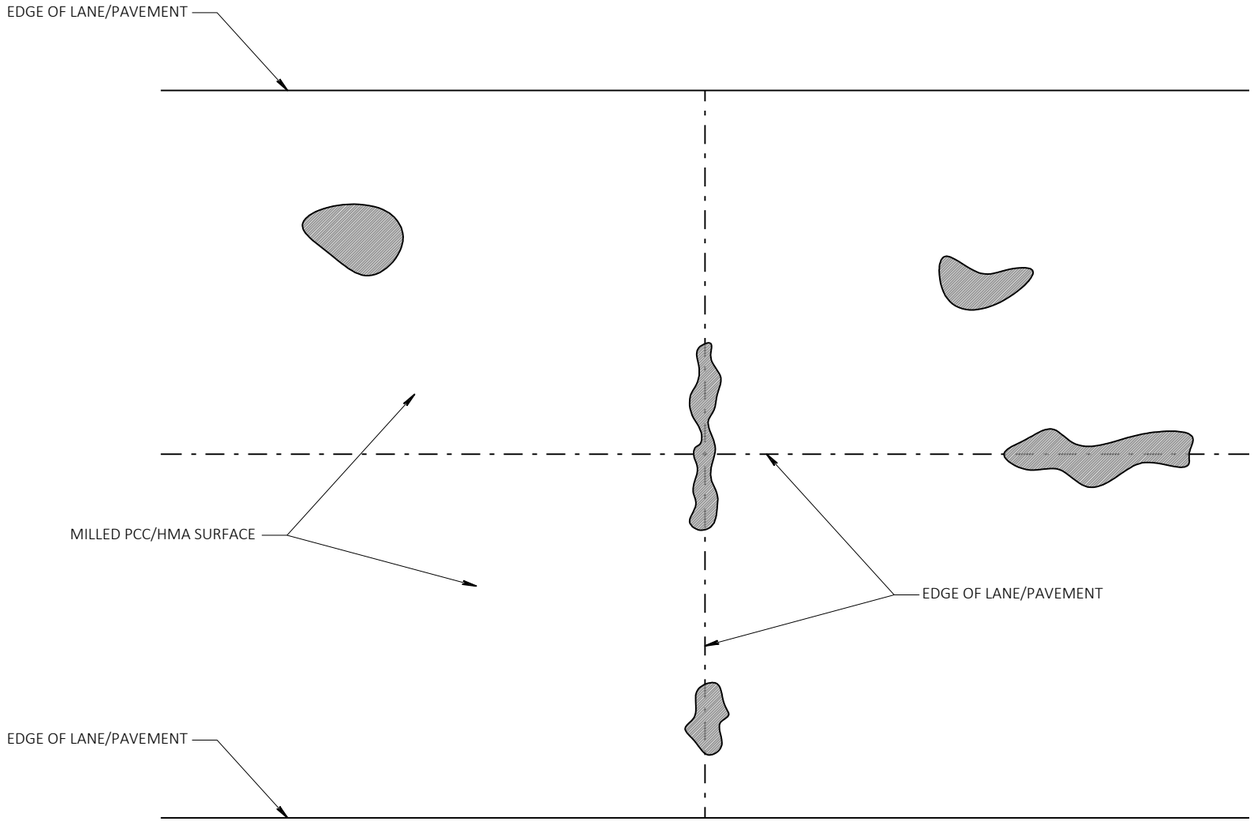




SALVAGE AND REINSTALL BRICK PAVERS DETAIL

STA 940+15 - 940+33

2



REPAIR AREA

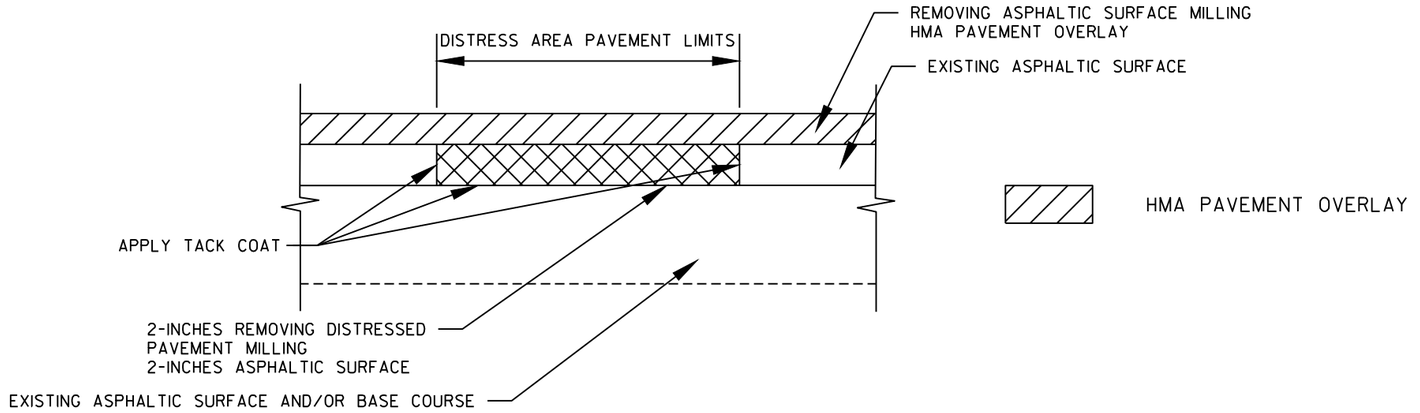
NOTES:

- AFTER THE EXISTING PAVEMENT IS MILLED TO THE DEPTH SPECIFIED ON TYPICAL, REMOVE REMAINDER OF CRACKFILL, PATCHING, AND UNSOUND PCC/HMA TO A MINIMUM DEPTH OF 4" BELOW THE PAVEMENT.
- REPAVE AREAS WITH ASPHALTIC SURFACE PATCHING PAID SEPARATELY FROM THIS ITEM.

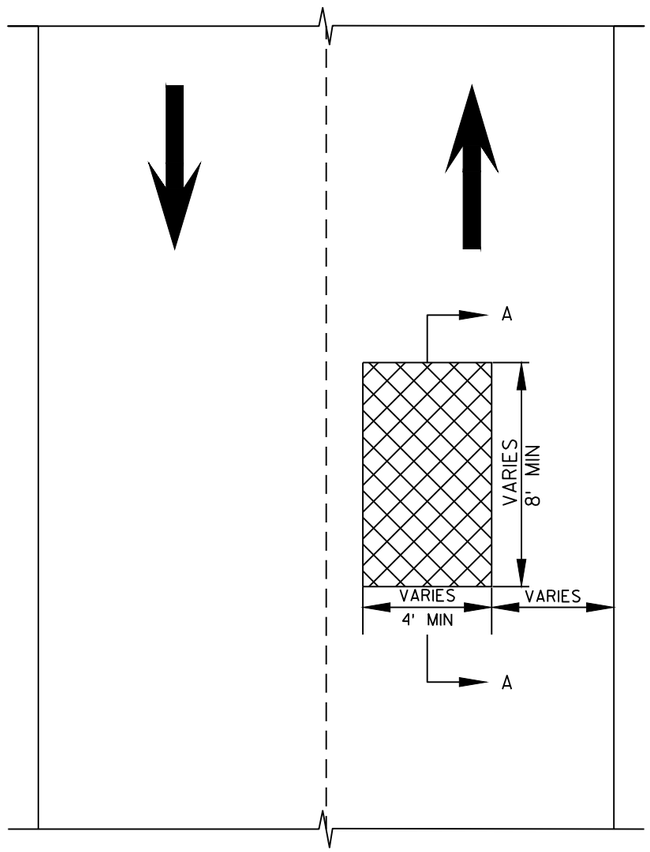
CLEANING AND REPAIRING DISTRESSED HMA/PCC AREAS

PREPARE FOUNDATION FOR ASPHALT PAVING (8610-08-73), ITEM 211.0101

STA 983+63 - 940+79



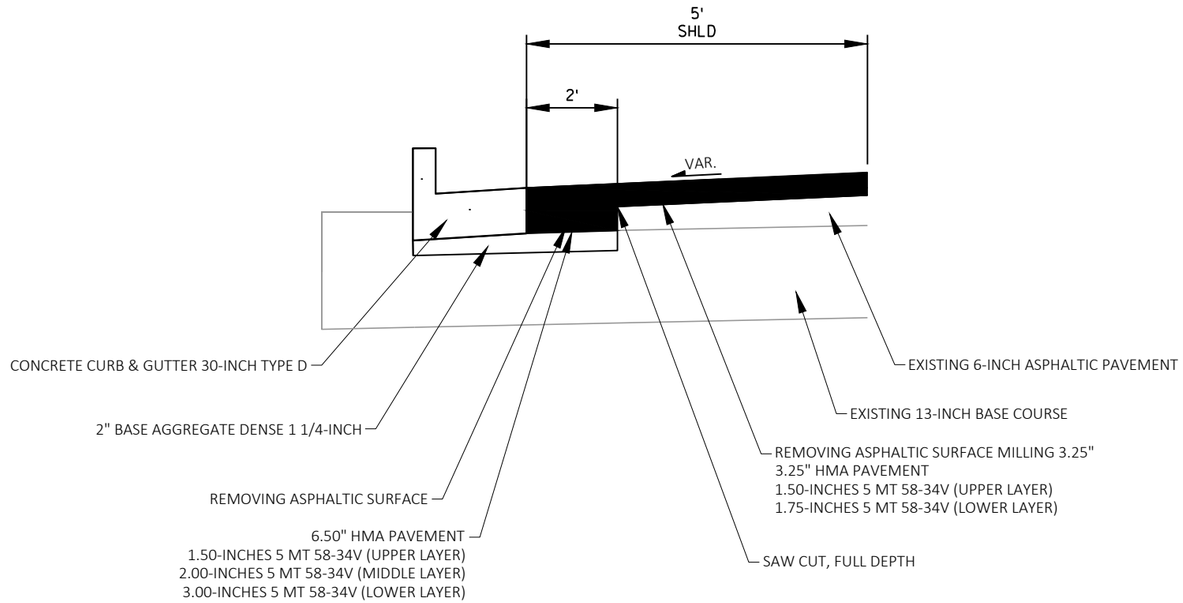
REMOVING DISTRESSED PAVEMENT MILLING
SECTION A-A



PLAN VIEW

EXACT LOCATION AND LIMITS OF REMOVING DISTRESSED PAVEMENT MILLING TO BE DETERMINED BY THE ENGINEER IN THE FIELD

2



FULL DEPTH SHOULDER DETAIL

STA 973+40 - 975+07

2

2

TLE

XCEL ENERGY

R/W

EXISTING SIDEWALK

REMOVING CONCRETE SIDEWALK
CONCRETE SIDEWALK 5-INCH

+95.25
-26.75'L
862.97

+99.17
-26.73'L
862.94

+44.79
-26.59'L
862.91

+49.67
-26.59'L
862.91

+95.29
-22.05'L
862.17

+99.20
-22.07'L
862.16

+44.67
-22.10'L
861.98

+49.62
-22.10'L
861.96

HMA PAVEMENT

REMOVING CURB & GUTTER

CONCRETE CURB & GUTTER
30-INCH TYPE D

976

STH 124

977

CITY OF CHIPPEWA FALLS

XCEL ENERGY

975

REMOVING CONCRETE SIDEWALK
CONCRETE SIDEWALK 5-INCH

+35.41
21.34'R
862.08

+70.42
21.33'R
862.16

+98.23
21.32'R
861.82

+08.94
21.32'R
862.22

+12.86
21.32'R
862.20

+40.89
21.31'R
861.72

+56.82
21.30'R
861.59

MATCHLINE 977+65

+01.93
21.35'R
862.23

+19.07
21.35'R
862.14

+81.65
21.33'R
862.31

EXISTING SIDEWALK

R/W

REMOVING CONCRETE PAVEMENT
CONCRETE DRIVEWAY 7-INCH

+04.81
26.83'R
862.85

+16.91
26.76'R
862.84

+37.38
26.75'R
862.73

+68.68
26.69'R
862.56

+84.41
26.58'R
862.47

+96.35
26.66'R
862.45

+12.86
26.66'R
862.34

+42.65
26.56'R
862.13

+54.76
26.57'R
862.12

+08.92
26.69'R
862.38

TLE

REMOVING CONCRETE PAVEMENT
CONCRETE DRIVEWAY 7-INCH

REMOVING CONCRETE PAVEMENT
CONCRETE DRIVEWAY 7-INCH

REMOVING CONCRETE PAVEMENT
CONCRETE DRIVEWAY 7-INCH

974

STA. 976+11.08, RT
CONSTRUCT PE
MATCH EXISTING

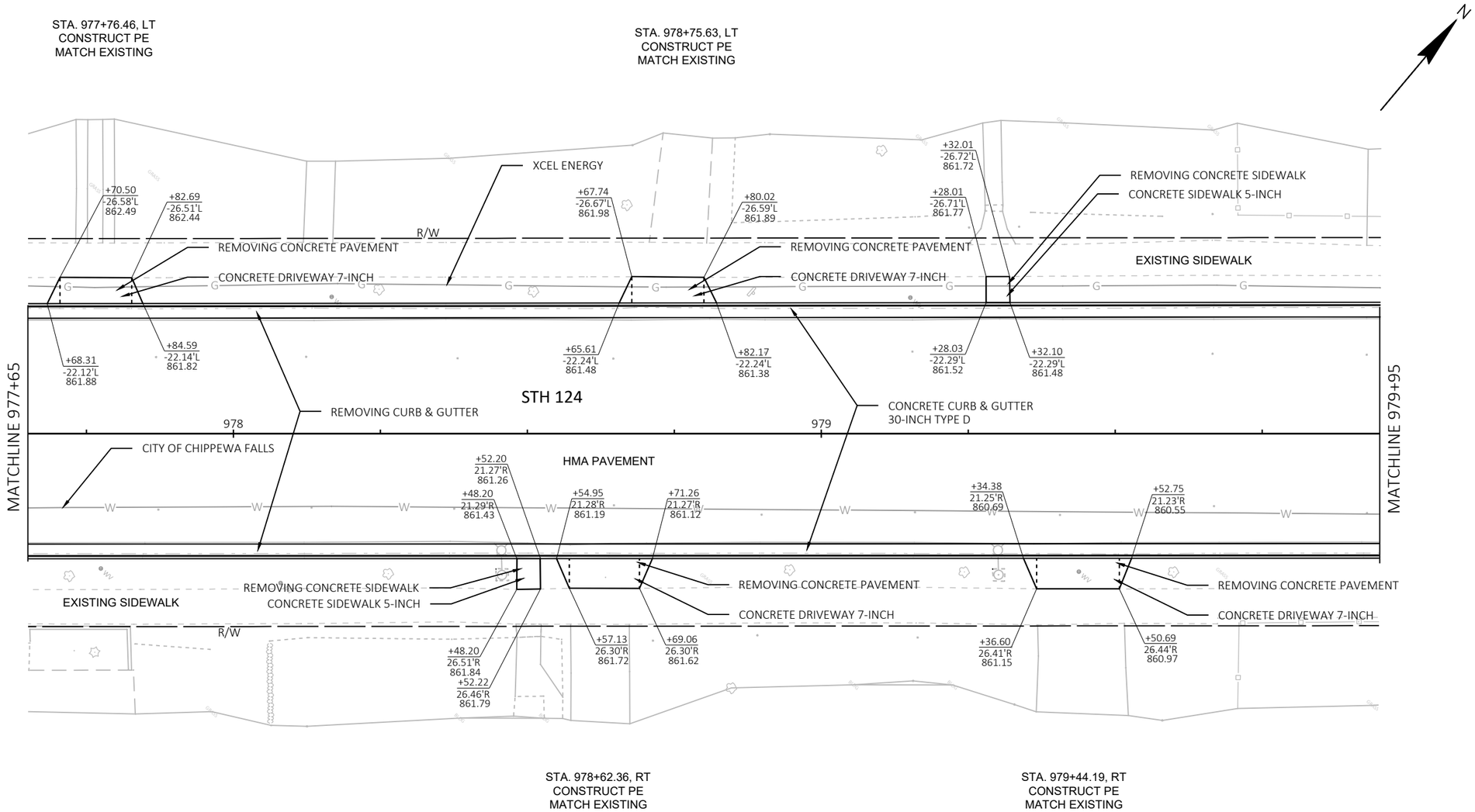
STA. 976+52.81, RT
CONSTRUCT PE
MATCH EXISTING

STA. 976+89.94, RT
CONSTRUCT PE
MATCH EXISTING

STA. 977+49.86, RT
CONSTRUCT PE
MATCH EXISTING

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 25	E

2



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 26	E

2

STA. 980+21.58, LT
CONSTRUCT PE
MATCH EXISTING

STA. 980+73.66, LT
CONSTRUCT PE
MATCH EXISTING

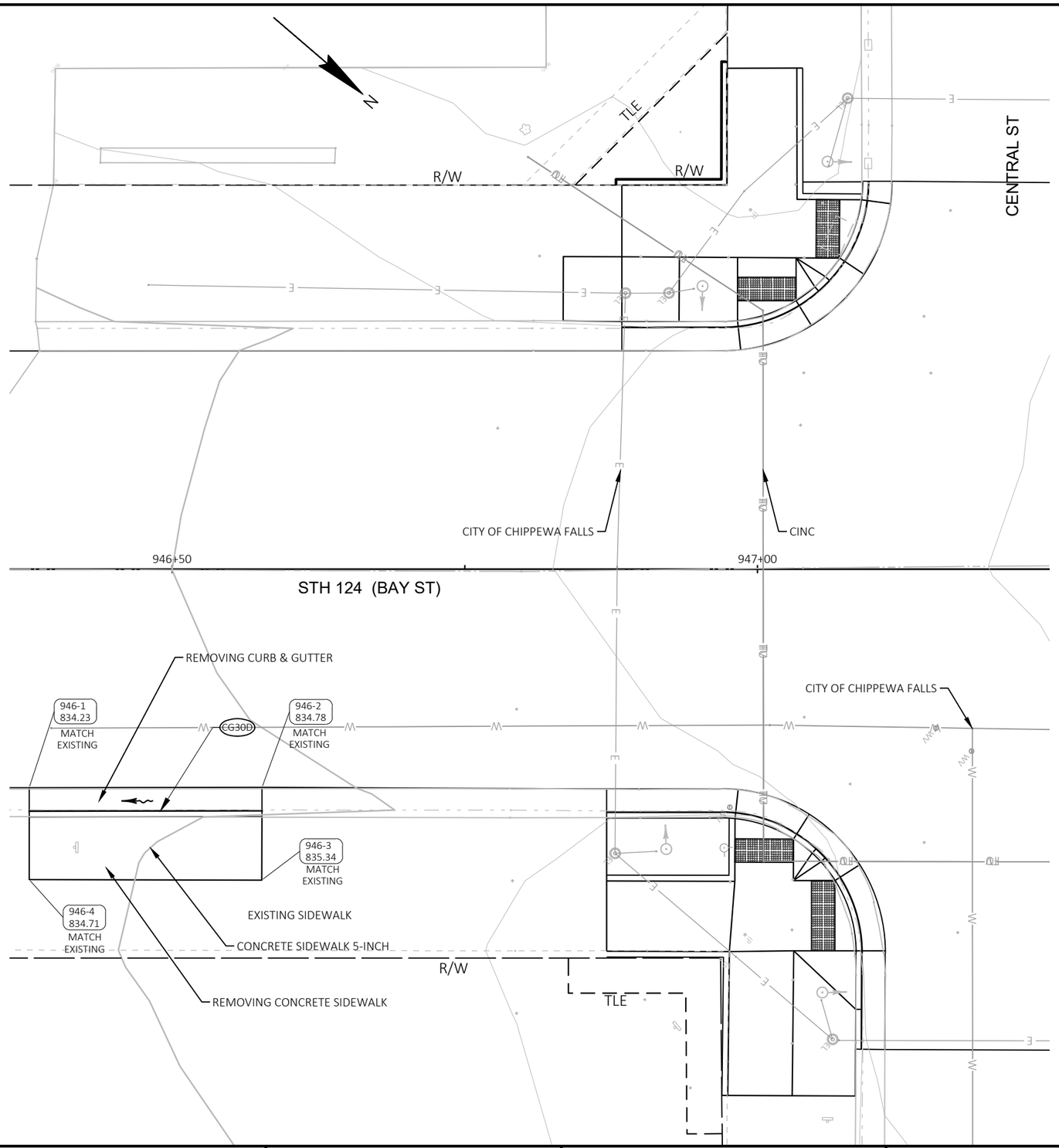
REMOVING CONCRETE PAVEMENT
CONCRETE DRIVEWAY 7-INCH
REMOVING CONCRETE PAVEMENT
CONCRETE DRIVEWAY 7-INCH
REMOVING CONCRETE SIDEWALK
CONCRETE SIDEWALK 5-INCH
EXISTING SIDEWALK
XCEL ENERGY
TLE
POND ST
XCEL ENERGY
CHARTER COMMUNICATIONS
CITY OF CHIPPEWA FALLS
REMOVING CURB & GUTTER
CONCRETE CURB & GUTTER
30-INCH TYPE D
HMA PAVEMENT
STH 124
MATCHLINE 979+95
R/W
+15.60 -26.91'L 860.68
+27.43 -26.92'L 860.40
+67.48 -26.97'L 860.06
+79.76 -27.03'L 859.96
+93.51 -27.06'L 859.87
+97.74 -27.05'L 859.86
+97.51 -22.46'L 859.84
+13.31 -22.38'L 860.24
+29.43 -22.39'L 860.08
+65.45 -22.44'L 859.72
+82.00 -22.46'L 859.56
+93.55 -22.46'L 859.88
980
981
982
+10.21 21.23'R 860.48
+14.21 21.16'R 860.44
+66.98 21.21'R 859.87
+18.29 21.17'R 859.50
+33.52 21.18'R 858.83
+51.79 21.32'R 859.63
+14.21 26.33'R 860.38
+10.24 26.43'R 860.37
+53.58 26.35'R 860.13
+64.75 26.38'R 860.06
+20.37 26.42'R 859.34
+31.35 26.43'R 859.19
EXISTING SIDEWALK
REMOVING CONCRETE PAVEMENT
CONCRETE DRIVEWAY 7-INCH
REMOVING CONCRETE SIDEWALK
CONCRETE SIDEWALK 5-INCH
REMOVING CONCRETE SIDEWALK
CONCRETE SIDEWALK 5-INCH
REMOVING CONCRETE PAVEMENT
CONCRETE DRIVEWAY 7-INCH
TLE
N HIGH ST

STA. 980+58.92, RT
CONSTRUCT PE
MATCH EXISTING

STA. 981+26.14, RT
CONSTRUCT PE
MATCH EXISTING

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 27	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021203-PD.DWG
DETAILS NAME - 03
PLOT DATE : 7/9/2024 8:04 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



LEGEND

- (CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A
- (CG30D) CONCRETE CURB & GUTTER 30-INCH TYPE D
- (XXX / XXX.XX) POINT NUMBER & ELEVATION
- XXXX SAWCUT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, LENGTHS AND MATCH POINTS PRIOR TO CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR CURB REQUIREMENTS.
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.
5. MATCH EXISTING/ADJOINING GUTTER CROSS SLOPES.

946					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
946-1	946+37.79	18.66' RT	834.23	129184.62	171363.32
946-2	946+57.67	18.63' RT	834.78	129199.67	171350.34
946-3	946+57.66	26.56' RT	835.34	129204.84	171356.36
946-4	946+37.78	26.51' RT	834.71	129189.73	171369.28

2

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB DETAILS	SHEET 28	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021204-PD.DWG
LAYOUT NAME - 02
PLOT DATE : 7/2/2024 2:57 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

LEGEND

CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A

CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D

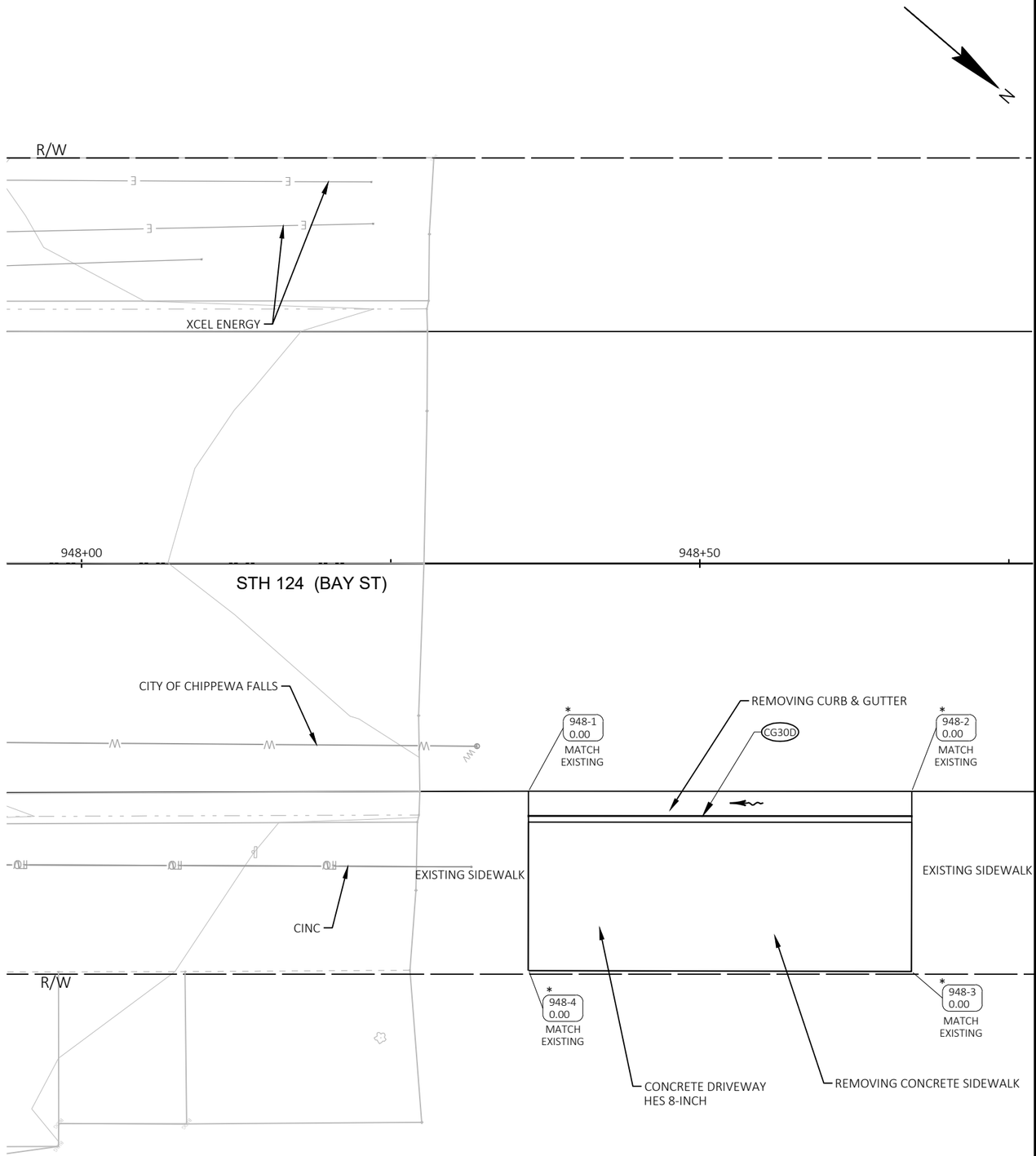
XXX / XXX.XX — POINT NUMBER & ELEVATION

XXXX — SAWCUT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, LENGTHS AND MATCH POINTS PRIOR TO CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR CURB REQUIREMENTS.
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.
5. MATCH EXISTING/ADJOINING GUTTER CROSS SLOPES.

* NO SURFACE INFORMATION AVAILABLE. MATCH EXISTING CONDITIONS IN FIELD.

948					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
948-1	948+36.15	18.42' RT	* 0.00	129334.92	171233.87
948-2	948+67.14	18.43' RT	* 0.00	129358.44	171213.69
948-3	948+67.13	32.99' RT	* 0.00	129367.92	171224.74
948-4	948+36.16	32.92' RT	* 0.00	129344.38	171244.86



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB DETAILS	SHEET 29	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021204-PD.DWG LAYOUT NAME - 03
PLOT DATE : 7/2/2024 2:58 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

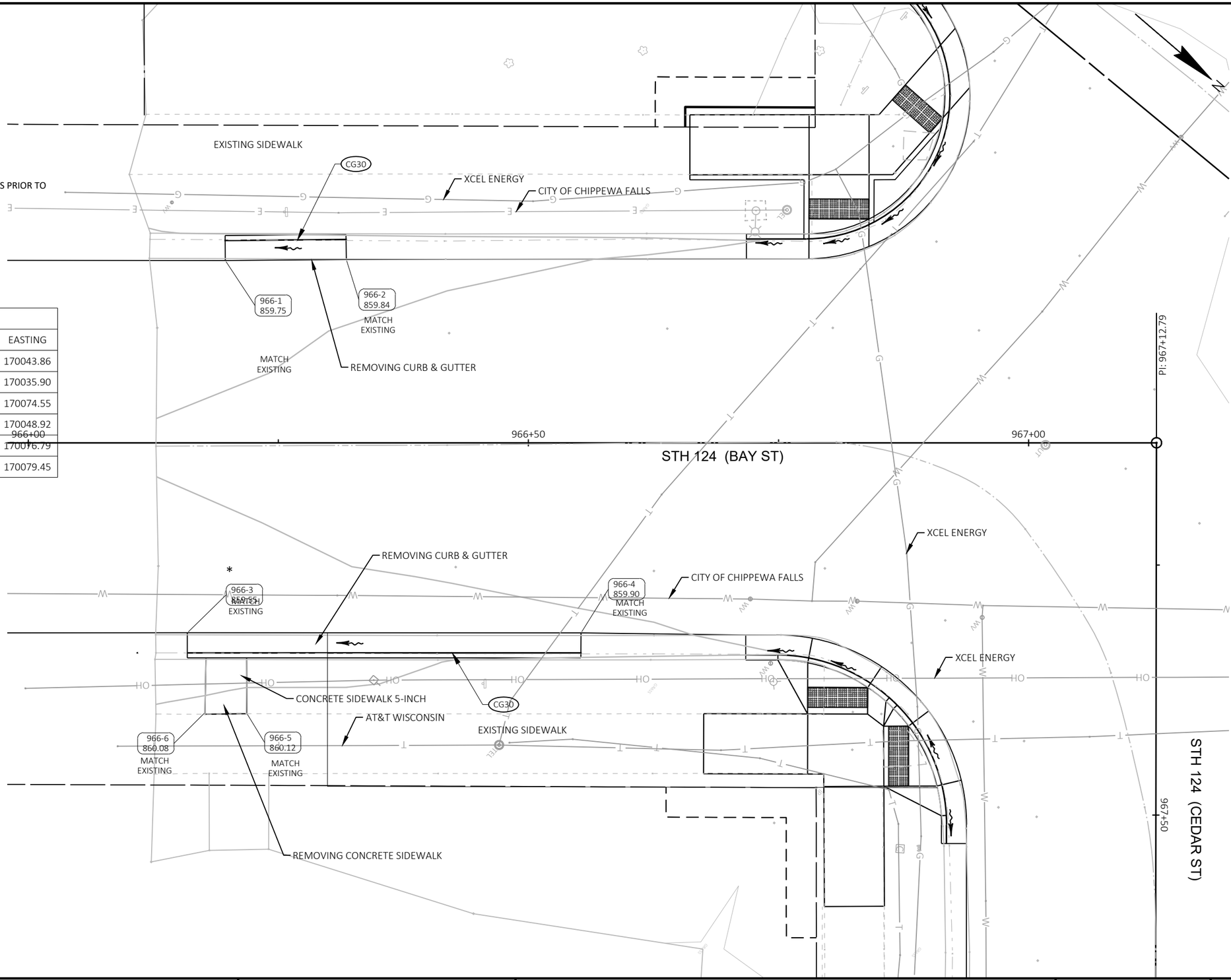
LEGEND

- (CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A
- (CG30D) CONCRETE CURB & GUTTER 30-INCH TYPE D
- XXX / XXX.XX POINT NUMBER & ELEVATION
- XXXX SAWCUT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, LENGTHS AND MATCH POINTS PRIOR TO CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR CURB REQUIREMENTS.
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.
5. MATCH EXISTING/ADJOINING GUTTER CROSS SLOPES.

* NO SURFACE INFORMATION AVAILABLE. MATCH EXISTING CONDITIONS IN FIELD.

966					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
966-1	966+19.69	18.23' LT	859.75	130663.92	170043.86
966-2	966+31.79	18.33' LT	859.84	130673.03	170035.90
966-3	966+15.90	18.98' RT	*859.55	130685.29	170074.55
966-4	966+55.25	19.00' RT	859.90	130715.15	170048.92
966-5	966+21.83	27.02' RT	860.12	130695.03	170076.79
966-6	966+17.67	26.95' RT	860.08	130691.82	170079.45



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB DETAILS	SHEET 30	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021204-PD.DWG
LAYOUT NAME - 05
PLOT DATE : 7/2/2024 2:58 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A

CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D

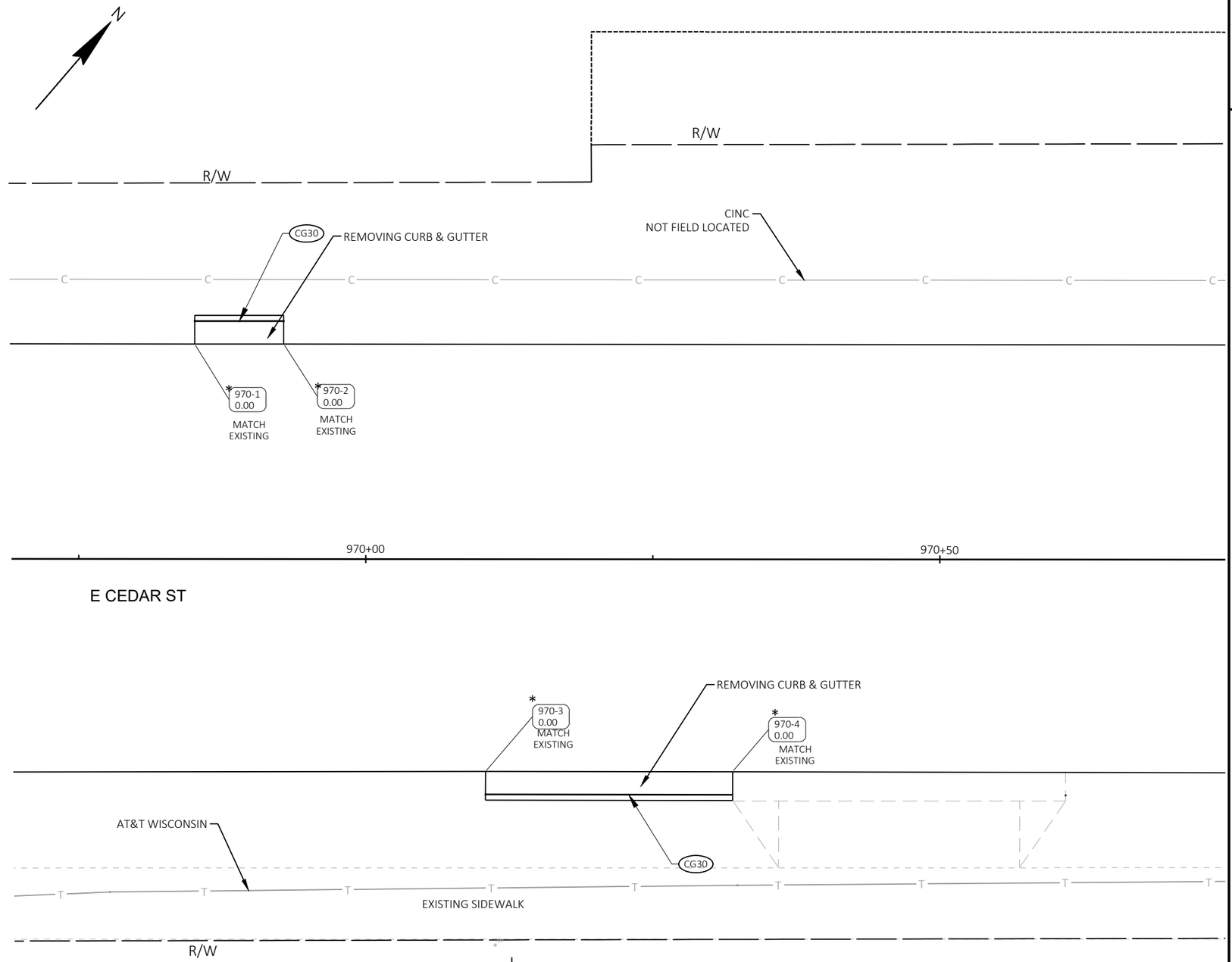
XXX / XXX.XX — POINT NUMBER & ELEVATION

XXXX — SAWCUT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, LENGTHS AND MATCH POINTS PRIOR TO CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR CURB REQUIREMENTS.
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.
5. MATCH EXISTING/ADJOINING GUTTER CROSS SLOPES.

* NO SURFACE INFORMATION AVAILABLE. MATCH EXISTING CONDITIONS IN FIELD.

970					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
970-1	969+85.09	18.72' LT	*0.00	130937.74	170191.68
970-2	969+92.85	18.73' LT	*0.00	130942.79	170197.56
970-3	970+10.45	18.49' RT	*0.00	130925.96	170235.14
970-4	970+31.97	18.49' RT	*0.00	130939.97	170251.49



2

LEGEND

CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A

CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D

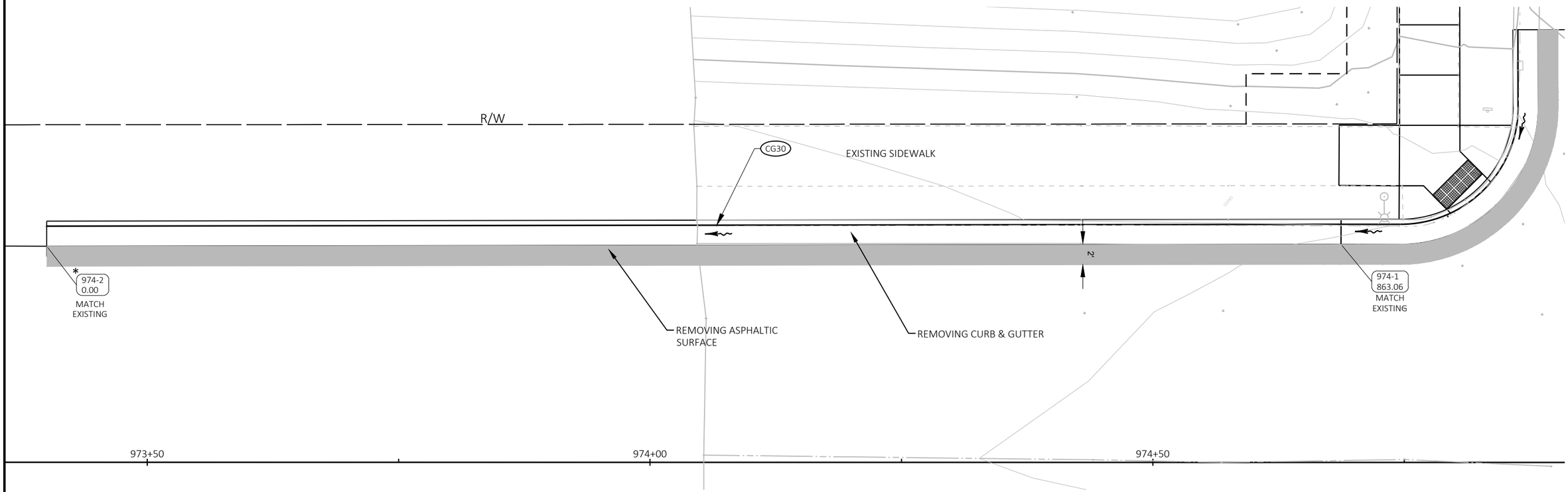
XXX / XXX.XX — POINT NUMBER & ELEVATION

XXXX — SAWCUT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, LENGTHS AND MATCH POINTS PRIOR TO CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR CURB REQUIREMENTS.
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.
5. MATCH EXISTING/ADJOINING GUTTER CROSS SLOPES.

* NO SURFACE INFORMATION AVAILABLE. MATCH EXISTING CONDITIONS IN FIELD.

974					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
974-1	974+68.72	21.69' LT	863.06	131255.68	170143.14
974-2	973+40.00	21.49' LT	0.00	131158.09	170227.07



STH 124 (BRIDGE ST)

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB DETAILS	SHEET 32	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021204-PD.DWG
LAYOUT NAME - 07
PLOT DATE : 7/2/2024 2:59 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

LEGEND

CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A

CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D

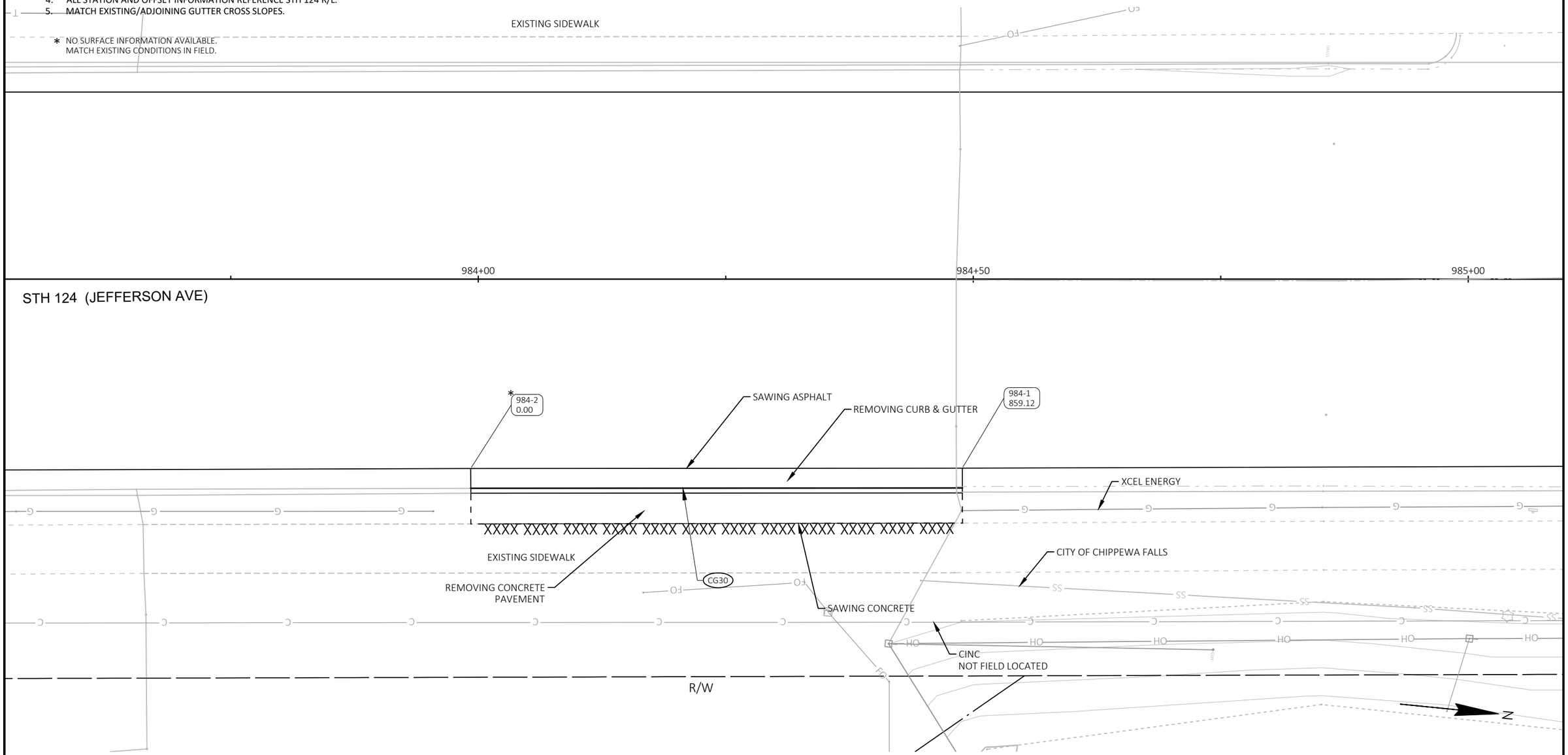
XXX / XXX.XX — POINT NUMBER & ELEVATION

XXXX — SAWCUT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, LENGTHS AND MATCH POINTS PRIOR TO CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR CURB REQUIREMENTS.
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.
5. MATCH EXISTING/ADJOINING GUTTER CROSS SLOPES.

* NO SURFACE INFORMATION AVAILABLE. MATCH EXISTING CONDITIONS IN FIELD.

984					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
984-1	984+48.89	19.10' RT	859.12	131998.95	170682.20
984-2	983+99.23	19.13' RT	*0.00	131949.54	170687.16



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB DETAILS	SHEET 33	E

2

LEGEND

CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A

CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D

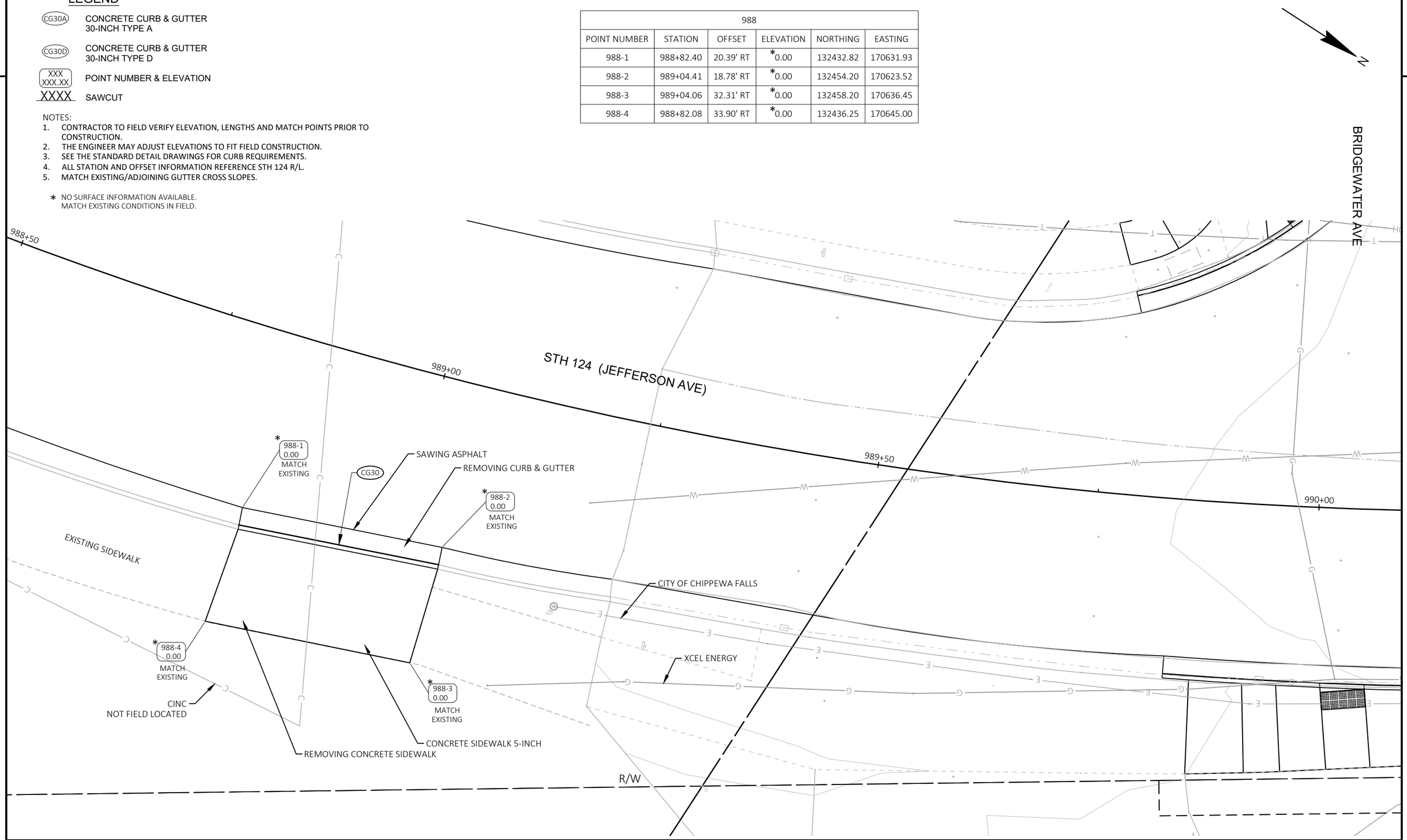
XXX / XXX.XX — POINT NUMBER & ELEVATION

XXXX — SAWCUT

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, LENGTHS AND MATCH POINTS PRIOR TO CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. SEE THE STANDARD DETAIL DRAWINGS FOR CURB REQUIREMENTS.
4. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.
5. MATCH EXISTING/ADJOINING GUTTER CROSS SLOPES.

* NO SURFACE INFORMATION AVAILABLE. MATCH EXISTING CONDITIONS IN FIELD.

988					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
988-1	988+82.40	20.39' RT	*0.00	132432.82	170631.93
988-2	989+04.41	18.78' RT	*0.00	132454.20	170623.52
988-3	989+04.06	32.31' RT	*0.00	132458.20	170636.45
988-4	988+82.08	33.90' RT	*0.00	132436.25	170645.00



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB DETAILS	SHEET 34	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021204-PD.DWG
LAYOUT NAME - 09
PLOT DATE : 7/2/2024 3:01 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

N

NOTE: COMPLETE BASE PATCHING CONCRETE SHES AND JOINT CLEANING AFTER REMOVING CONCRETE SURFACE PARTIAL DEPTH (1.5-INCH)

XXXX XXXX XXXX = SAWING CONCRETE

BAY ST

941

941+33.77, 0.00'

BASE PATCHING CONCRETE SHES

BASE PATCHING CONCRETE SHES

CITY OF CHIPPEWA FALLS

CITY OF CHIPPEWA FALLS

XCEL ENERGY

BASE PATCHING CONCRETE SHES

BASE PATCHING CONCRETE SHES

940+69.62, 49.72' L
BUTT JOINT REQUIRED
SEE CONSTRUCTION
DETAIL

BASE PATCHING CONCRETE SHES

RIVER ST

CITY OF CHIPPEWA FALLS

940

939

938+63.54, 0.00'
BUTT JOINT REQUIRED
SEE CONSTRUCTION
DETAIL

STH 124

CITY OF CHIPPEWA FALLS

BASE PATCHING CONCRETE SHES

BASE PATCHING CONCRETE SHES

BASE PATCHING CONCRETE SHES

940+32.97, 32.79' L

940+15.13, 38.70' L

940+30.45, 36.76' L

940+30.03, 40.42' L

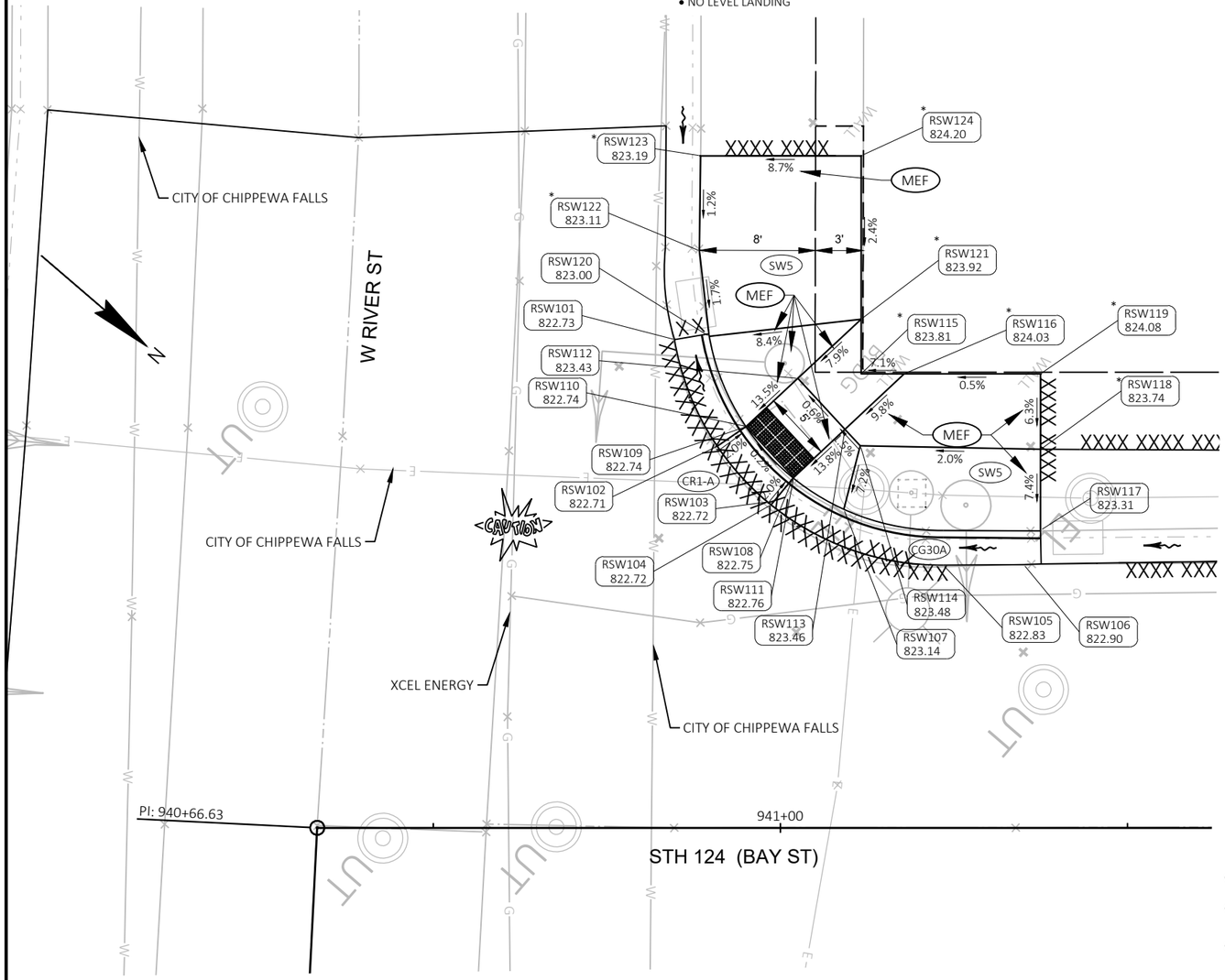
SALVAGE AND REINSTALL BRICK PAVERS

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS - BASE PATCHING CONCRETE SHES AND JOINT CLEANING	SHEET 35	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021205-PD.DWG
LAYOUT NAME - 01
PLOT DATE : 7/5/2024 7:33 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 44

2

MAXIMUM EXTENT FEASABLE (MEF):
- RAMP SLOPE >8.33%
- TRAFFIC SIGNAL IN MIDDLE OF PEDESTRIAN PATH WITH HORIZONTAL WIDTH ROUGHLY 5 FEET
- SIDEWALK CROSS SLOPES >2%
- NO LEVEL LANDING



River Street West					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
RSW101	940+92.38	35.17' LT	822.73	128735.83	171677.89
RSW102	940+95.46	27.49' LT	822.71	128743.17	171681.71
RSW103	940+99.08	23.48' LT	822.72	128748.53	171682.39
RSW104	940+99.33	23.27' LT	822.72	128748.86	171682.39
RSW105	941+11.76	18.92' LT	822.83	128761.12	171677.59
RSW106	941+17.55	18.96' LT	822.90	128765.48	171673.79
RSW107	941+04.58	22.94' LT	823.14	128753.05	171679.22
RSW108	941+00.91	25.20' LT	822.75	128748.80	171679.89
RSW109	940+97.53	28.90' LT	822.74	128743.82	171679.29
RSW110	940+97.55	28.92' LT	822.74	128743.83	171679.26
RSW111	941+00.95	25.25' LT	822.76	128748.80	171679.83
RSW112	941+01.26	32.38' LT	823.43	128744.38	171674.22
RSW113	941+04.66	28.71' LT	823.46	128749.35	171674.79
RSW114	941+05.76	27.52' LT	823.48	128750.96	171674.97
RSW115	941+05.81	32.70' LT	823.81	128747.63	171671.01
RSW116	941+08.92	32.70' LT	824.03	128749.99	171668.98
RSW117	941+18.74	21.44' LT	823.31	128764.77	171671.12
RSW118	941+18.74	27.27' LT	823.74	128760.97	171666.70
RSW119	941+18.74	32.70' LT	824.08	128757.44	171662.58
RSW120	940+94.87	35.41' LT	823.00	128737.56	171676.09
RSW121	941+05.81	36.64' LT	823.92	128745.06	171668.02
RSW122	940+94.17	41.57' LT	823.11	128733.02	171671.87
RSW123	940+94.25	48.41' LT	823.19	128728.62	171666.63
RSW124	941+05.81	48.41' LT	824.20	128737.39	171659.09

* MATCH EXISTING

LEGEND

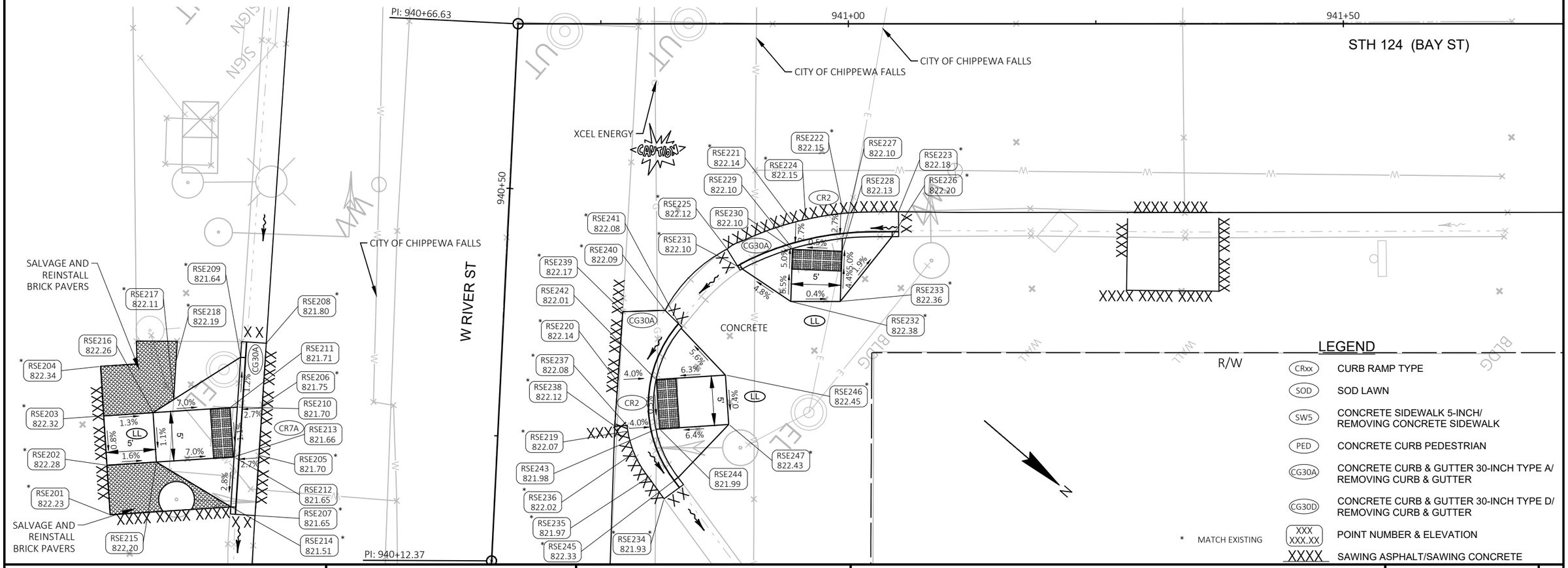
CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

River Street East					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
RSE201	940+15.13	38.70' LT	822.23	128740.25	171785.76
RSE202	940+20.10	39.27' LT	822.28	128736.75	171782.19
RSE203	940+25.06	39.85' LT	822.32	128733.25	171778.62
RSE204	940+30.03	40.42' LT	822.34	128729.76	171775.05
RSE205	940+21.86	23.99' LT	821.70	128747.75	171771.42
RSE206	940+26.90	23.91' LT	821.75	128744.71	171767.39
RSE207	940+15.77	24.08' LT	821.65	128751.41	171776.29
RSE208	940+33.19	23.81' LT	821.80	128740.93	171762.36
RSE209	940+31.65	26.33' LT	821.64	128739.88	171765.12
RSE210	940+26.61	26.41' LT	821.70	128742.91	171769.15
RSE211	940+26.53	27.14' LT	821.71	128742.39	171769.67
RSE212	940+21.57	26.49' LT	821.65	128745.94	171773.18
RSE213	940+21.56	26.56' LT	821.66	128745.89	171773.24
RSE214	940+16.53	26.57' LT	821.51	128748.97	171777.22
RSE215	940+20.67	34.31' LT	822.20	128740.32	171778.69
RSE216	940+25.64	34.88' LT	822.26	128736.83	171775.12

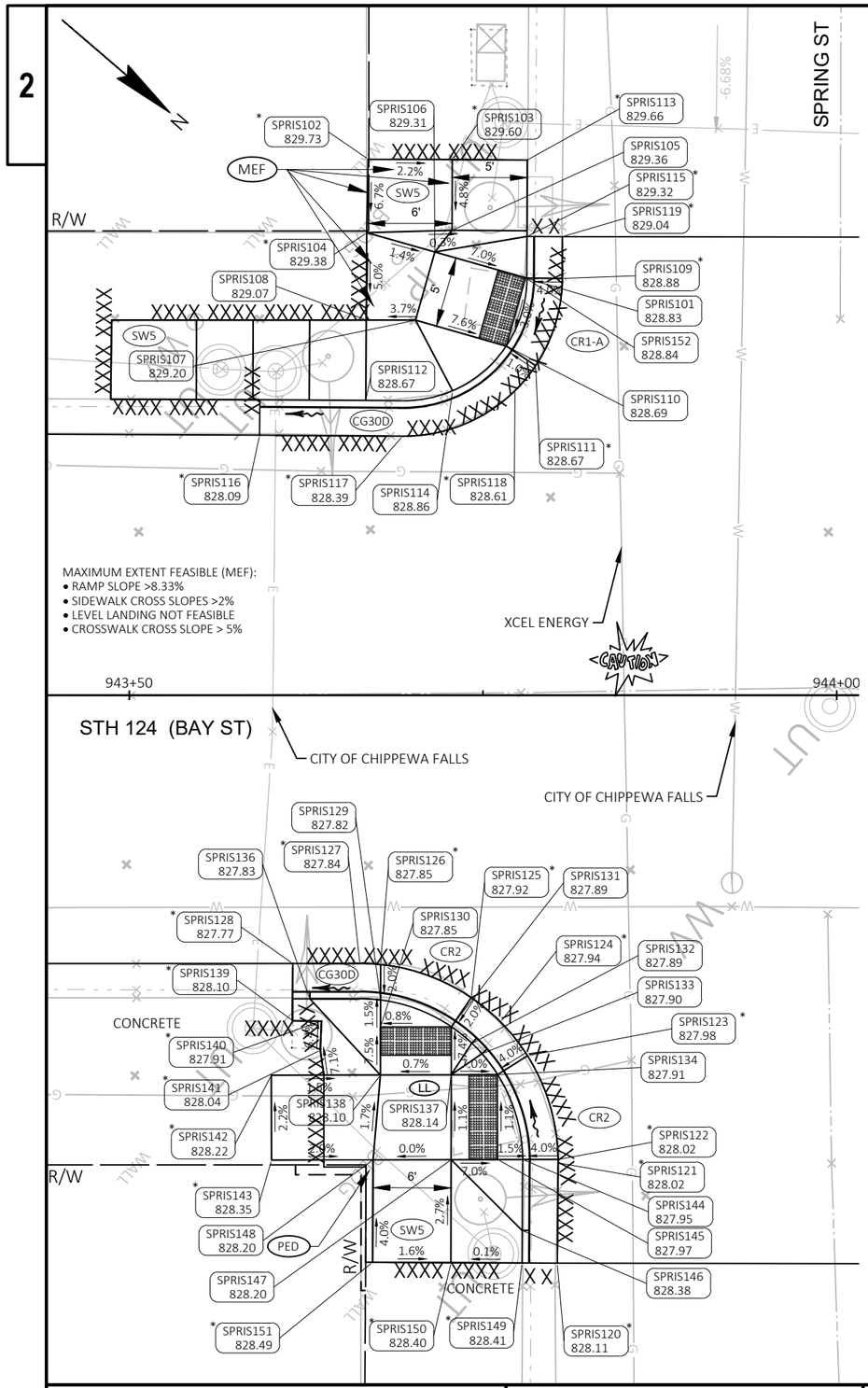
River Street East					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
RSE217	940+27.05	32.87' LT	822.11	128737.54	171772.77
RSE218	940+30.91	32.82' LT	822.19	128735.21	171769.69
RSE219	940+26.12	13.09' RT	822.07	128774.41	171745.31
RSE220	940+31.02	11.86' RT	822.14	128770.43	171742.20
RSE221	940+94.46	20.03' RT	822.14	128773.38	171718.41
RSE222	940+99.49	19.13' RT	822.15	128776.61	171714.44
RSE223	941+05.07	18.97' RT	822.18	128780.74	171710.68
RSE224	940+95.69	19.73' RT	822.15	128774.12	171717.38
RSE225	940+44.96	22.22' RT	822.12	128770.06	171724.83
RSE226	941+04.42	21.47' RT	822.20	128781.87	171713.01
RSE227	940+99.41	21.65' RT	822.10	128778.19	171716.41
RSE228	940+99.36	22.95' RT	822.13	128779.00	171717.43
RSE229	940+94.37	22.66' RT	822.10	128775.02	171720.46
RSE230	940+94.36	22.75' RT	822.10	128775.08	171720.53
RSE231	940+43.04	23.85' RT	822.10	128772.52	171725.34
RSE232	940+94.18	28.01' RT	822.38	128778.37	171724.64

River Street East					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
RSE233	940+99.18	28.01' RT	822.36	128782.16	171721.38
RSE234	940+19.49	17.10' RT	821.93	128781.64	171748.08
RSE235	940+21.58	15.42' RT	821.97	128779.03	171747.46
RSE236	940+23.96	13.82' RT	822.02	128776.32	171746.56
RSE237	940+26.69	12.99' RT	822.08	128773.98	171744.92
RSE238	940+26.56	11.76' RT	822.12	128773.09	171745.78
RSE239	940+38.14	12.01' RT	822.17	128766.18	171736.48
RSE240	940+38.49	16.26' RT	822.09	128769.32	171733.59
RSE241	940+36.76	17.99' RT	822.08	128771.75	171733.90
RSE242	940+31.46	15.69' RT	822.01	128773.19	171739.49
RSE243	940+26.45	15.93' RT	821.98	128776.45	171743.30
RSE244	940+26.49	16.30' RT	821.99	128776.71	171743.04
RSE245	940+21.71	18.41' RT	822.33	128781.32	171745.53
RSE246	940+32.26	22.68' RT	822.45	128778.21	171734.57
RSE247	940+27.31	23.25' RT	822.43	128781.70	171738.13



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 37	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021301-CR.DWG
LAYOUT NAME - 021301 (2)
PLOT DATE : 11/18/2024 2:02 PM
PLOT BY : AECOM
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



Spring Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SPRIS101	943+78.10	29.47' LT	828.83	128956.27	171496.03
SPRIS102	943+66.88	37.88' LT	829.73	128942.28	171496.96
SPRIS103	943+72.82	37.86' LT	829.60	128946.81	171493.11
SPRIS104	943+66.78	32.69' LT	829.38	128945.59	171500.96
SPRIS105	943+72.82	32.85' LT	829.36	128950.06	171496.90
SPRIS106	943+71.59	31.32' LT	829.31	128950.13	171498.87
SPRIS107	943+70.22	26.51' LT	829.20	128952.23	171503.41
SPRIS108	943+66.75	26.51' LT	829.07	128949.59	171505.67
SPRIS109	943+80.60	29.46' LT	828.88	128958.17	171494.41
SPRIS110	943+76.64	24.69' LT	828.69	128958.28	171500.61
SPRIS111	943+78.72	23.30' LT	828.67	128960.76	171500.30
SPRIS112	943+66.71	20.83' LT	828.67	128953.27	171510.00
SPRIS113	943+78.13	37.83' LT	829.66	128950.85	171489.66
SPRIS114	943+72.85	21.53' LT	828.86	128957.47	171505.47
SPRIS115	943+78.11	32.43' LT	829.32	128954.35	171493.78
SPRIS116	943+59.21	18.38' LT	828.09	128949.17	171516.75
SPRIS117	943+69.31	18.31' LT	828.39	128956.88	171510.22
SPRIS118	943+77.27	21.54' LT	828.61	128960.81	171502.58
SPRIS119	943+80.61	32.42' LT	829.04	128956.26	171492.16
SPRIS120	943+80.25	40.14' RT	828.11	129003.27	171547.43
SPRIS121	943+80.30	33.05' RT	828.02	128998.68	171542.02
SPRIS122	943+80.30	32.81' RT	828.02	128998.53	171541.84
SPRIS123	943+78.13	25.49' RT	827.98	128992.11	171537.69
SPRIS124	943+76.23	23.10' RT	827.94	128989.11	171537.12
SPRIS125	943+74.16	21.38' RT	827.92	128986.42	171537.17
SPRIS126	943+67.76	19.04' RT	827.85	128980.04	171539.57

Spring Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SPRIS127	943+66.30	18.97' RT	827.84	128978.89	171540.46
SPRIS128	943+61.56	18.97' RT	827.77	128975.29	171543.55
SPRIS129	943+67.76	21.56' RT	827.82	128981.68	171541.48
SPRIS130	943+67.76	23.44' RT	827.85	128982.91	171542.91
SPRIS131	943+72.76	23.45' RT	827.89	128986.71	171539.65
SPRIS132	943+74.17	24.64' RT	827.89	128988.55	171539.64
SPRIS133	943+74.91	25.35' RT	827.90	128989.57	171539.69
SPRIS134	943+76.02	26.82' RT	827.91	128991.38	171540.09
SPRIS136	943+62.76	21.47' RT	827.83	128977.83	171544.66
SPRIS137	943+72.75	26.83' RT	828.14	128988.90	171542.22
SPRIS138	943+67.75	26.84' RT	828.10	128985.12	171545.49
SPRIS139	943+61.56	23.01' RT	828.10	128977.92	171546.61
SPRIS140	943+63.54	23.04' RT	827.91	128979.44	171545.35
SPRIS141	943+63.51	25.09' RT	828.04	128980.75	171546.92
SPRIS142	943+60.04	26.86' RT	828.22	128979.28	171550.53
SPRIS143	943+60.05	32.86' RT	828.35	128983.20	171555.07
SPRIS144	943+77.80	32.82' RT	827.95	128996.63	171543.48
SPRIS145	943+76.03	32.82' RT	827.97	128995.30	171544.63
SPRIS146	943+77.77	37.82' RT	828.38	128999.87	171547.29
SPRIS147	943+72.75	32.83' RT	828.20	128992.81	171546.78
SPRIS148	943+67.24	32.84' RT	828.20	128988.64	171550.38
SPRIS149	943+77.75	40.13' RT	828.41	129001.36	171549.05
SPRIS150	943+72.74	40.10' RT	828.40	128997.54	171552.30
SPRIS151	943+67.20	40.08' RT	828.49	128993.33	171555.89
SPRIS152	943+78.01	29.50' LT	828.84	128956.18	171496.07

* MATCH EXISTING

LEGEND

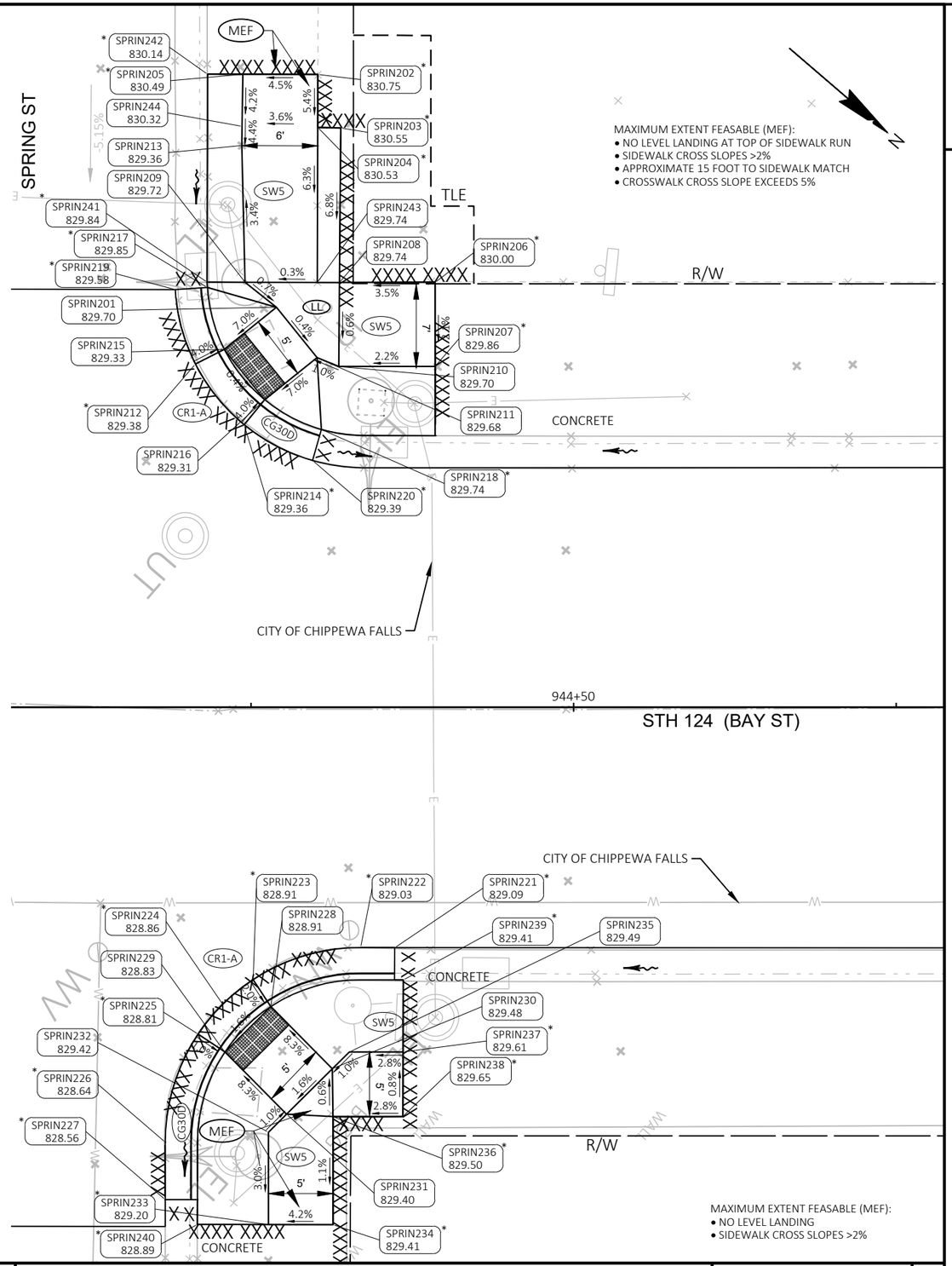
- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Spring Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SPRIN201	944+26.98	30.98' LT	829.70	128992.37	171463.03
SPRIN202	944+30.17	49.00' LT	830.75	128983.04	171447.28
SPRIN203	944+31.95	44.87' LT	830.55	128987.09	171449.25
SPRIN204	944+30.18	44.90' LT	830.53	128985.72	171450.39
SPRIN205	944+24.37	49.02' LT	830.49	128978.63	171451.05
SPRIN206	944+39.26	32.90' LT	830.00	129000.43	171453.57
SPRIN207	944+39.27	26.40' LT	829.86	129004.67	171458.49
SPRIN208	944+31.85	32.90' LT	829.74	128994.81	171458.40
SPRIN209	944+24.54	32.91' LT	829.72	128989.26	171463.15
SPRIN210	944+31.80	26.40' LT	829.70	128999.01	171463.37
SPRIN211	944+30.11	27.08' LT	829.68	128997.28	171463.95
SPRIN212	944+20.70	26.58' LT	829.38	128990.46	171470.46
SPRIN213	944+24.29	43.51' LT	829.36	128982.16	171455.28
SPRIN214	944+24.47	21.89' LT	829.36	128996.39	171471.56
SPRIN215	944+22.92	27.72' LT	829.33	128991.41	171468.15
SPRIN216	944+26.06	23.82' LT	829.31	128996.33	171469.06
SPRIN217	944+21.62	32.51' LT	829.85	128987.30	171465.37
SPRIN218	944+30.46	21.52' LT	829.74	129001.17	171467.94
SPRIN219	944+19.12	32.36' LT	829.58	128985.51	171467.11
SPRIN220	944+29.77	19.12' LT	829.39	129002.22	171470.21
SPRIN221	944+36.14	18.62' RT	829.09	129031.64	171494.68
SPRIN222	944+33.50	18.60' RT	829.03	129029.62	171496.40
SPRIN223	944+25.16	21.08' RT	828.91	129024.91	171503.71
SPRIN224	944+22.80	23.00' RT	828.86	129024.37	171506.70
SPRIN225	944+20.91	25.30' RT	828.81	129024.44	171509.68

Spring Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SPRIN226	944+18.36	33.68' RT	828.64	129027.96	171517.70
SPRIN227	944+18.35	38.13' RT	828.56	129030.85	171521.08
SPRIN228	944+26.54	23.18' RT	828.91	129027.32	171504.40
SPRIN229	944+22.97	26.71' RT	828.83	129026.92	171509.41
SPRIN230	944+31.31	27.99' RT	829.48	129034.08	171504.94
SPRIN231	944+27.76	31.51' RT	829.40	129033.68	171509.92
SPRIN232	944+26.35	32.90' RT	829.42	129033.52	171511.90
SPRIN233	944+26.35	40.06' RT	829.20	129038.18	171517.33
SPRIN234	944+31.35	40.06' RT	829.41	129041.98	171514.07
SPRIN235	944+32.62	26.69' RT	829.49	129034.22	171503.10
SPRIN236	944+31.35	31.69' RT	829.50	129036.52	171507.72
SPRIN237	944+36.78	26.69' RT	829.61	129037.38	171500.39
SPRIN238	944+36.77	31.69' RT	829.65	129040.63	171504.19
SPRIN239	944+36.80	21.11' RT	829.41	129033.76	171496.15
SPRIN240	944+20.85	40.05' RT	828.89	129034.00	171520.91
SPRIN241	944+21.59	32.92' LT	829.84	128987.02	171465.07
SPRIN242	944+21.64	49.03' LT	830.14	128976.55	171452.82
SPRIN243	944+30.13	32.90' LT	829.74	128993.50	171459.52
SPRIN244	944+24.31	44.99' LT	830.32	128981.22	171454.15

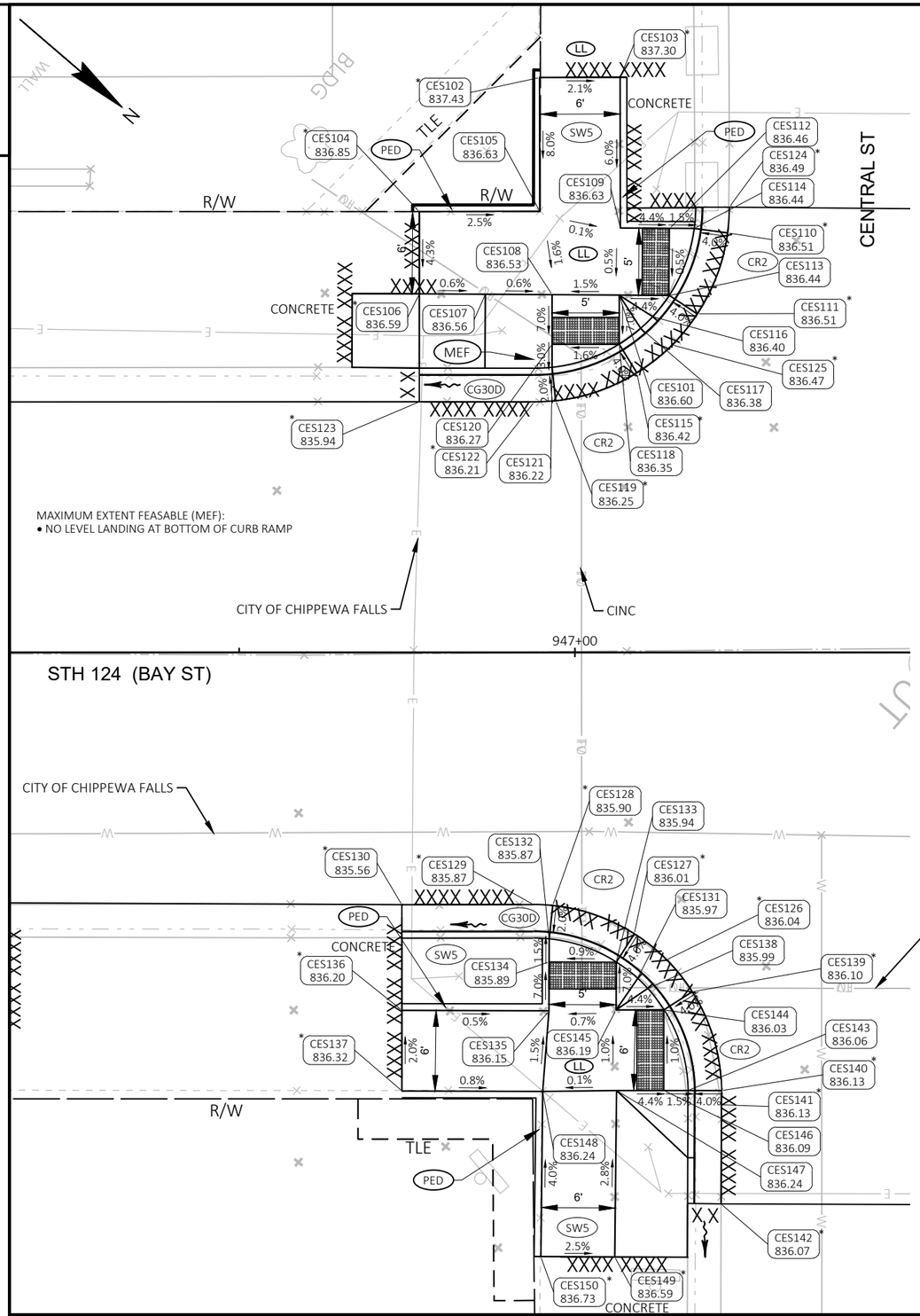
* MATCH EXISTING



LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



Central Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CES101	947+03.30	26.59' LT	836.60	129204.82	171286.31
CES102	946+97.36	42.78' LT	837.43	129189.77	171277.89
CES103	947+03.36	42.79' LT	837.30	129194.32	171273.98
CES104	946+88.42	32.80' LT	836.85	129189.49	171291.29
CES105	946+97.38	32.84' LT	836.63	129196.26	171285.42
CES106	946+88.41	26.68' LT	836.59	129193.47	171295.93
CES107	946+93.34	26.65' LT	836.56	129197.23	171292.75
CES108	946+98.30	26.62' LT	836.53	129201.01	171289.54
CES109	947+03.38	31.59' LT	836.63	129201.63	171282.46
CES110	947+11.36	31.22' LT	836.51	129207.92	171277.54
CES111	947+09.11	25.19' LT	836.51	129210.15	171283.58
CES112	947+07.06	31.56' LT	836.46	129204.44	171280.08
CES113	947+07.02	26.56' LT	836.44	129207.67	171283.90
CES114	947+08.88	31.55' LT	836.44	129205.83	171278.90
CES115	947+04.61	20.81' LT	836.42	129209.59	171289.83
CES116	947+05.79	24.99' LT	836.40	129207.76	171285.89
CES117	947+04.90	24.12' LT	836.38	129207.65	171287.13
CES118	947+03.30	22.93' LT	836.35	129207.20	171289.08
CES119	946+98.57	18.73' LT	836.25	129206.36	171295.35
CES120	946+98.30	22.93' LT	836.27	129203.41	171292.34
CES121	946+98.30	21.22' LT	836.22	129204.53	171293.64
CES122	946+96.98	18.64' LT	836.21	129205.21	171296.45
CES123	946+88.41	18.65' LT	835.94	129198.71	171302.03
CES124	947+11.49	33.12' LT	836.49	129206.78	171276.01
CES125	947+07.23	22.88' LT	836.47	129210.22	171286.55

Central Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CES126	947+06.82	22.87' RT	836.04	129239.73	171321.52
CES127	947+04.42	20.94' RT	836.01	129236.64	171321.63
CES128	946+98.34	18.83' RT	835.90	129230.66	171323.98
CES129	946+96.90	18.75' RT	835.87	129229.52	171324.87
CES130	946+87.11	18.76' RT	835.56	129222.10	171331.25
CES131	947+04.66	24.26' RT	835.97	129238.99	171323.99
CES132	946+98.08	21.31' RT	835.87	129232.08	171326.04
CES133	947+03.07	23.05' RT	835.94	129237.00	171324.10
CES134	946+98.07	23.02' RT	835.89	129233.19	171327.34
CES135	946+98.06	26.68' RT	836.15	129235.56	171330.12
CES136	946+87.12	26.62' RT	836.20	129227.22	171337.21
CES137	946+87.12	32.62' RT	836.32	129231.14	171341.76
CES138	947+05.40	25.00' RT	835.99	129240.04	171324.07
CES139	947+08.73	25.25' RT	836.10	129242.72	171322.09
CES140	947+10.90	32.59' RT	836.13	129249.15	171326.24
CES141	947+10.90	33.65' RT	836.13	129249.85	171327.04
CES142	947+10.87	41.02' RT	836.07	129254.63	171332.65
CES143	947+08.41	32.59' RT	836.06	129247.26	171327.86
CES144	947+06.62	26.59' RT	836.03	129241.99	171324.48
CES145	947+03.06	26.59' RT	836.19	129239.30	171326.80
CES146	947+06.62	32.59' RT	836.09	129245.91	171329.03
CES147	947+03.10	32.59' RT	836.24	129243.24	171331.32
CES148	946+97.60	32.65' RT	836.24	129239.10	171334.95
CES149	947+02.96	44.97' RT	836.59	129251.20	171340.80
CES150	946+97.46	44.95' RT	836.73	129247.01	171344.37

* MATCH EXISTING

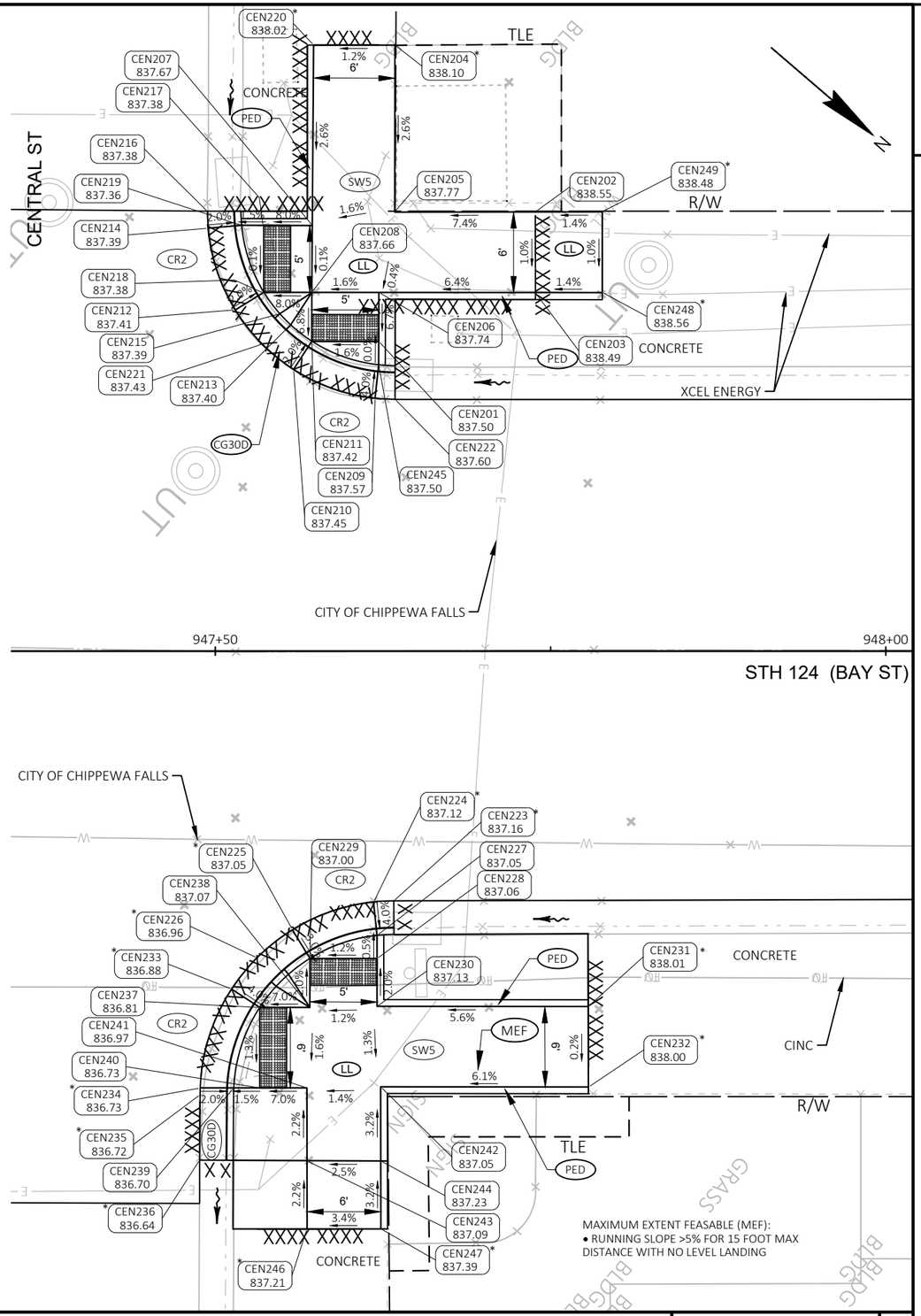
LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Central Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CEN201	947+62.18	23.09' LT	837.50	129251.77	171250.59
CEN202	947+73.85	32.75' LT	838.55	129254.33	171235.66
CEN203	947+73.86	26.74' LT	838.49	129258.25	171240.21
CEN204	947+63.40	45.19' LT	838.10	129238.29	171233.04
CEN205	947+63.36	32.73' LT	837.77	129246.38	171242.50
CEN206	947+62.19	26.74' LT	837.74	129249.40	171247.81
CEN207	947+57.23	31.74' LT	837.67	129242.38	171247.25
CEN208	947+57.19	26.75' LT	837.66	129245.60	171251.06
CEN209	947+61.91	18.85' LT	837.57	129254.33	171253.98
CEN210	947+55.83	21.00' LT	837.45	129248.32	171256.31
CEN211	947+57.18	23.10' LT	837.42	129247.97	171253.84
CEN212	947+51.48	25.43' LT	837.41	129242.12	171255.78
CEN213	947+55.60	24.32' LT	837.40	129245.98	171253.94
CEN214	947+49.46	31.52' LT	837.39	129236.62	171252.48
CEN215	947+54.80	25.14' LT	837.39	129244.83	171253.84
CEN216	947+49.40	32.80' LT	837.38	129235.75	171251.55
CEN217	947+53.61	31.74' LT	837.38	129239.63	171249.60
CEN218	947+53.61	26.74' LT	837.38	129242.88	171253.40
CEN219	947+51.95	31.75' LT	837.36	129238.36	171250.69
CEN220	947+57.33	45.18' LT	838.02	129233.69	171236.99
CEN221	947+53.49	22.88' LT	837.43	129245.32	171256.41
CEN222	947+63.41	18.77' LT	837.60	129255.51	171253.06
CEN223	947+63.31	18.62' RT	837.16	129279.81	171281.49
CEN224	947+61.80	18.70' RT	837.12	129278.71	171282.54
CEN225	947+55.75	20.77' RT	837.05	129275.47	171288.05

Central Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CEN226	947+53.11	22.86' RT	836.96	129274.83	171291.35
CEN227	947+62.06	21.19' RT	837.05	129280.53	171284.25
CEN228	947+62.06	22.91' RT	837.06	129281.65	171285.56
CEN229	947+57.06	22.90' RT	837.00	129277.85	171288.81
CEN230	947+62.05	26.48' RT	837.13	129283.97	171288.27
CEN231	947+77.80	26.50' RT	838.01	129295.93	171278.02
CEN232	947+77.83	32.50' RT	838.00	129299.86	171282.56
CEN233	947+51.21	25.19' RT	836.88	129274.91	171294.36
CEN234	947+48.86	32.56' RT	836.73	129277.93	171301.48
CEN235	947+48.85	33.06' RT	836.72	129278.25	171301.86
CEN236	947+48.83	37.94' RT	836.64	129281.41	171305.58
CEN237	947+53.30	26.56' RT	836.81	129277.39	171294.03
CEN238	947+57.05	26.56' RT	837.07	129280.23	171291.59
CEN239	947+51.37	32.56' RT	836.70	129279.83	171299.85
CEN240	947+53.31	32.56' RT	836.73	129281.30	171298.58
CEN241	947+56.83	32.56' RT	836.97	129283.97	171296.29
CEN242	947+62.33	32.48' RT	837.05	129288.09	171292.64
CEN243	947+56.83	38.00' RT	837.09	129287.52	171300.41
CEN244	947+62.33	38.00' RT	837.23	129291.69	171296.82
CEN245	947+62.18	21.34' LT	837.50	129252.91	171251.92
CEN246	947+56.84	43.07' RT	837.21	129290.83	171304.25
CEN247	947+62.34	43.07' RT	837.39	129295.00	171300.67
CEN248	947+78.86	26.74' LT	838.56	129262.04	171236.95
CEN249	947+78.85	32.76' LT	838.48	129258.11	171232.39

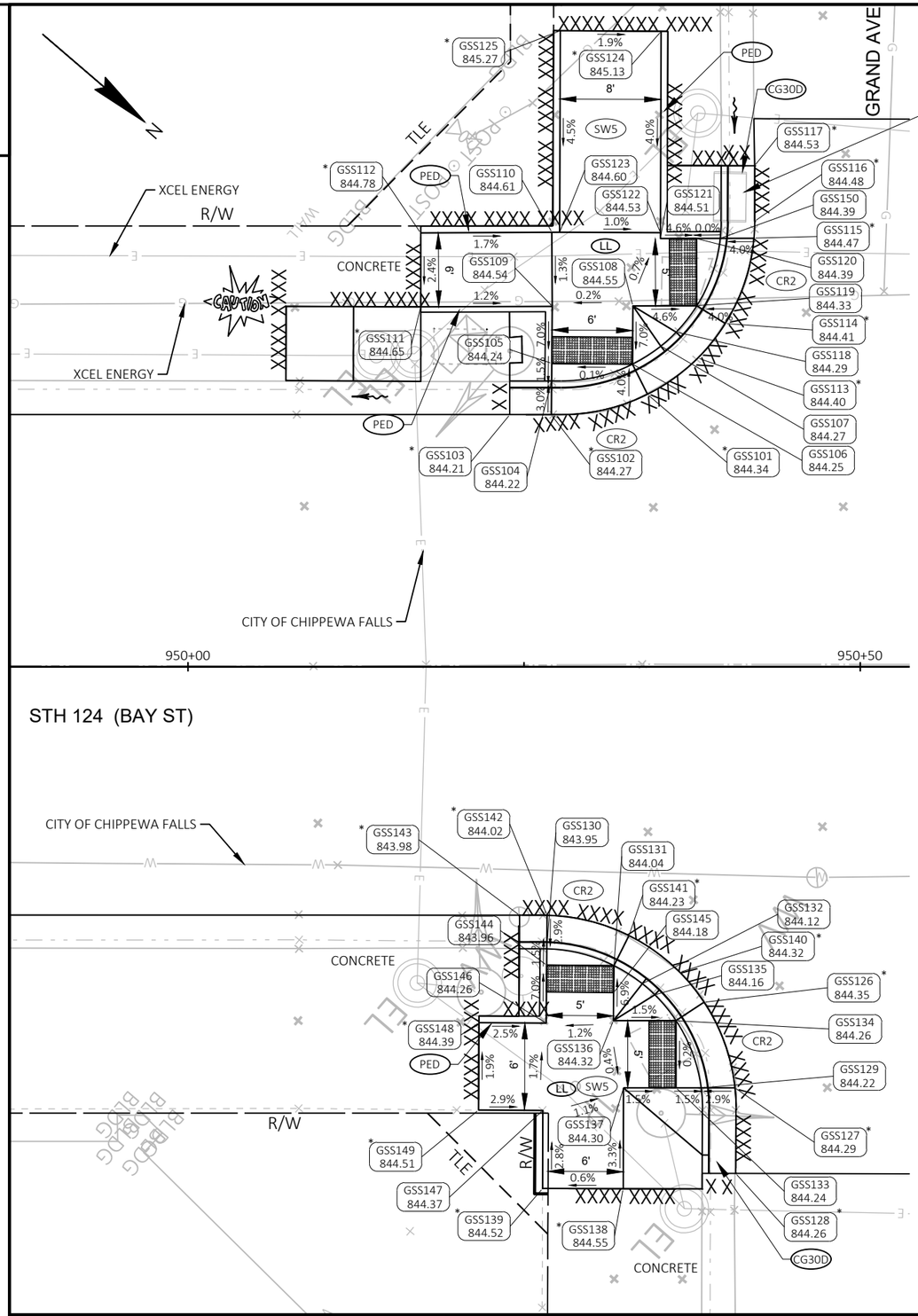


LEGEND

- CRxx — CURB RAMP TYPE — * MATCH EXISTING
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 41	E



* MATCH EXISTING

Grand Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
GSS101	950+34.17	20.28' LT	844.34	129459.92	171075.48
GSS102	950+27.03	18.73' LT	844.27	129455.50	171081.31
GSS103	950+23.94	18.76' LT	844.21	129453.14	171083.30
GSS104	950+27.05	21.26' LT	844.22	129453.87	171079.38
GSS105	950+27.06	22.57' LT	844.24	129453.03	171078.38
GSS106	950+33.06	22.51' LT	844.25	129457.61	171074.51
GSS107	950+35.16	23.86' LT	844.27	129458.33	171072.12
GSS108	950+33.09	26.84' LT	844.55	129454.82	171071.21
GSS109	950+27.09	26.81' LT	844.54	129450.29	171075.14
GSS110	950+27.07	32.31' LT	844.61	129446.68	171070.98
GSS111	950+17.31	26.77' LT	844.65	129442.89	171081.54
GSS112	950+17.31	32.27' LT	844.78	129439.31	171077.37
GSS113	950+37.92	22.97' LT	844.40	129461.00	171071.00
GSS114	950+39.96	25.54' LT	844.41	129460.88	171067.72
GSS115	950+42.09	31.88' LT	844.47	129458.36	171061.52
GSS116	950+42.15	33.13' LT	844.48	129457.59	171060.54
GSS117	950+42.15	37.27' LT	844.53	129454.90	171057.39
GSS118	950+36.30	24.90' LT	844.29	129458.52	171070.59
GSS119	950+37.84	26.86' LT	844.33	129458.41	171068.10
GSS120	950+37.82	31.86' LT	844.39	129455.13	171064.32
GSS121	950+35.14	31.85' LT	844.51	129453.11	171066.07
GSS122	950+35.14	32.29' LT	844.53	129452.82	171065.73
GSS123	950+27.64	32.32' LT	844.60	129447.12	171070.60
GSS124	950+35.19	47.27' LT	845.13	129443.10	171054.35
GSS125	950+27.69	47.32' LT	845.27	129437.38	171059.20

Grand Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
GSS126	950+38.38	24.96' RT	844.35	129492.59	171107.05
GSS127	950+40.68	31.34' RT	844.29	129498.48	171110.39
GSS128	950+40.75	37.70' RT	844.26	129502.68	171115.17
GSS129	950+38.16	31.34' RT	844.22	129496.58	171112.03
GSS130	950+26.69	21.00' RT	843.95	129481.14	171111.66
GSS131	950+31.68	22.25' RT	844.04	129485.74	171109.36
GSS132	950+33.79	23.59' RT	844.12	129488.21	171109.01
GSS133	950+36.30	31.34' RT	844.24	129495.16	171113.25
GSS134	950+36.30	26.34' RT	844.26	129491.90	171109.46
GSS135	950+34.71	24.41' RT	844.16	129489.44	171109.03
GSS136	950+31.65	26.34' RT	844.32	129488.38	171112.48
GSS137	950+32.39	31.34' RT	844.30	129492.20	171115.79
GSS138	950+32.37	38.84' RT	844.55	129497.07	171121.49
GSS139	950+26.37	38.82' RT	844.52	129492.51	171125.39
GSS140	950+36.57	22.73' RT	844.32	129489.76	171106.54
GSS141	950+32.80	20.01' RT	844.23	129485.13	171106.93
GSS142	950+26.71	18.49' RT	844.02	129479.52	171109.75
GSS143	950+24.66	18.49' RT	843.98	129477.96	171111.09
GSS144	950+26.68	22.20' RT	843.96	129481.92	171112.59
GSS145	950+31.67	24.25' RT	844.18	129487.03	171110.89
GSS146	950+26.65	26.51' RT	844.26	129484.70	171115.87
GSS147	950+26.39	33.01' RT	844.37	129488.73	171120.97
GSS148	950+21.65	26.49' RT	844.39	129480.89	171119.12
GSS149	950+21.62	32.99' RT	844.51	129485.10	171124.06
GSS150	950+39.57	31.87' LT	844.39	129456.46	171063.17

LEGEND

* MATCH EXISTING

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Grand Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
GSN201	950+85.17	24.79' LT	845.21	129495.66	171038.83
GSN202	950+98.93	18.96' LT	845.45	129509.90	171034.28
GSN203	950+93.41	18.96' LT	845.46	129505.70	171037.88
GSN204	950+91.08	19.16' LT	845.40	129503.81	171039.25
GSN205	950+85.02	21.67' LT	845.26	129497.58	171041.29
GSN206	950+83.22	23.21' LT	845.24	129495.21	171041.30
GSN207	950+91.48	23.71' LT	845.33	129501.15	171035.53
GSN208	950+86.48	23.70' LT	845.25	129497.36	171038.80
GSN209	950+91.48	21.62' LT	845.33	129502.51	171037.11
GSN210	950+91.47	26.93' LT	845.36	129499.05	171033.10
GSN211	951+03.33	26.89' LT	845.97	129508.06	171025.40
GSN212	951+03.34	33.17' LT	845.95	129503.98	171020.62
GSN213	951+08.93	21.45' LT	845.95	129515.86	171025.88
GSN214	951+08.94	26.88' LT	846.06	129512.32	171021.76
GSN215	951+08.94	33.13' LT	846.03	129508.26	171017.01
GSN216	950+86.47	26.94' LT	845.28	129495.24	171036.34
GSN217	950+84.41	25.59' LT	845.17	129494.56	171038.71
GSN218	950+81.29	25.60' LT	845.16	129492.19	171040.73
GSN219	950+79.09	31.96' LT	845.00	129486.37	171037.35
GSN220	950+79.02	33.42' LT	844.97	129485.38	171036.29
GSN221	950+79.05	40.65' LT	845.09	129480.68	171030.78
GSN222	950+83.40	26.95' LT	845.11	129492.91	171038.34
GSN223	950+83.41	31.95' LT	845.05	129489.66	171034.54
GSN224	950+85.47	31.95' LT	845.21	129491.23	171033.20
GSN225	950+93.12	33.10' LT	845.32	129496.28	171027.34
GSN226	950+85.47	40.64' LT	845.49	129485.56	171026.60
GSN227	950+93.47	40.64' LT	845.62	129491.63	171021.39
GSN228	950+81.58	48.23' LT	845.53	129477.66	171023.39
GSN229	950+93.48	48.18' LT	845.75	129486.72	171015.68
GSN230	950+99.63	18.44' RT	845.30	129534.80	171062.19

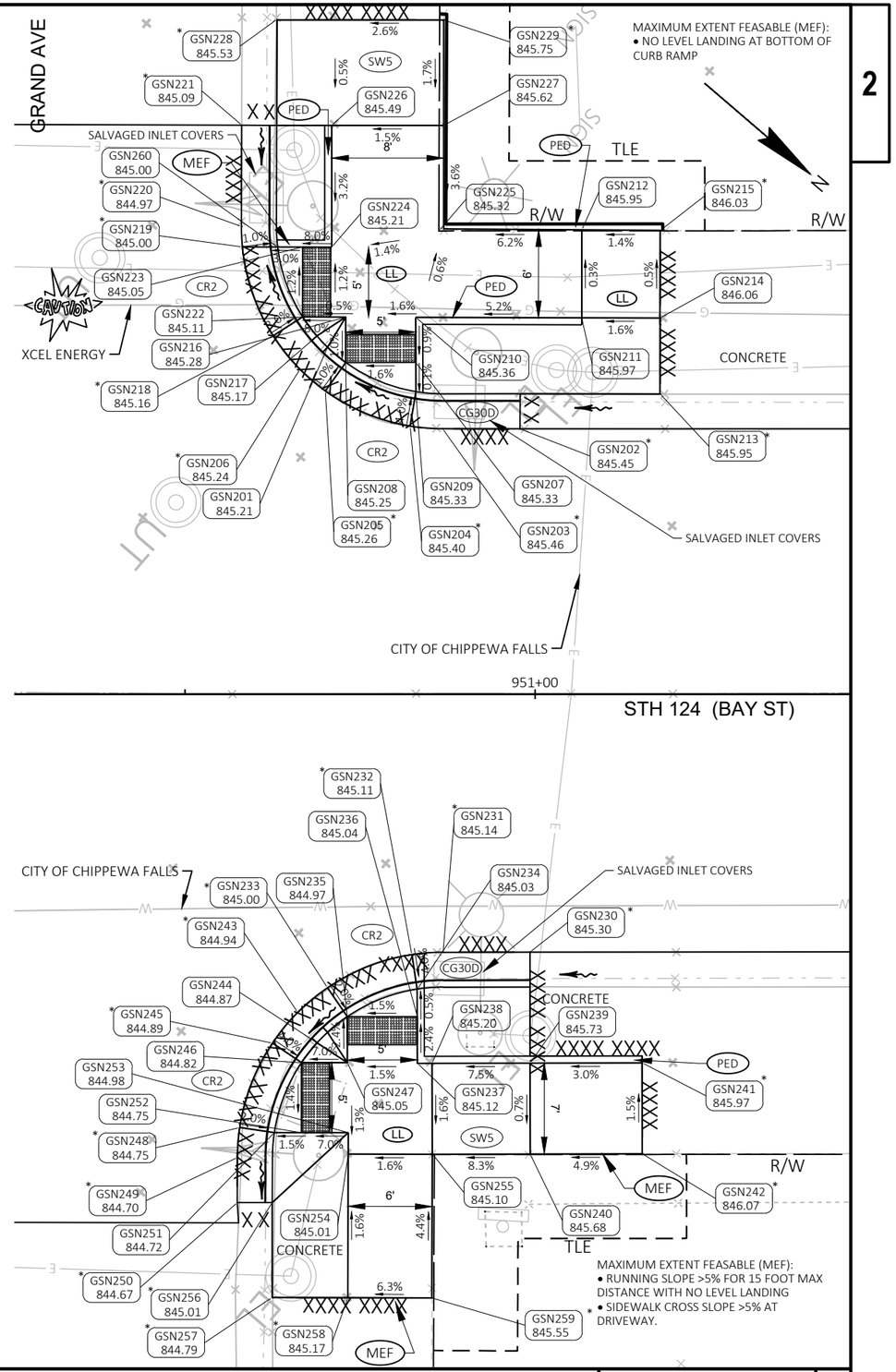
Grand Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
GSN231	950+93.43	18.45' RT	845.14	129530.10	171066.24
GSN232	950+91.20	18.62' RT	845.11	129528.52	171067.82
GSN233	950+85.18	20.99' RT	845.00	129525.50	171073.54
GSN234	950+91.58	21.09' RT	845.03	129530.42	171069.45
GSN235	950+86.59	23.05' RT	844.97	129527.91	171074.19
GSN236	950+91.59	23.04' RT	845.04	129531.70	171070.93
GSN237	950+91.59	26.38' RT	845.12	129533.88	171073.45
GSN238	950+92.65	26.38' RT	845.20	129534.67	171072.77
GSN239	950+99.65	26.36' RT	845.73	129539.97	171068.19
GSN240	950+99.66	32.86' RT	845.68	129544.22	171073.12
GSN241	951+07.65	26.34' RT	845.97	129546.03	171062.97
GSN242	951+07.66	32.84' RT	846.07	129550.27	171067.89
GSN243	950+83.06	22.74' RT	844.94	129525.03	171076.26
GSN244	950+84.43	24.92' RT	844.87	129527.49	171077.01
GSN245	950+81.25	24.94' RT	844.89	129525.09	171079.10
GSN246	950+83.32	26.33' RT	844.82	129527.57	171078.81
GSN247	950+86.59	26.33' RT	845.05	129530.05	171076.68
GSN248	950+78.91	30.96' RT	844.75	129527.24	171085.20
GSN249	950+78.74	33.11' RT	844.70	129528.51	171086.94
GSN250	950+78.74	36.32' RT	844.67	129530.60	171089.38
GSN251	950+81.38	31.33' RT	844.72	129529.35	171083.87
GSN252	950+83.32	31.33' RT	844.75	129530.83	171082.60
GSN253	950+86.66	31.33' RT	844.98	129533.36	171080.42
GSN254	950+86.66	32.86' RT	845.01	129534.35	171081.58
GSN255	950+92.66	32.88' RT	845.10	129538.92	171077.69
GSN256	950+81.24	36.33' RT	845.01	129532.50	171087.75
GSN257	950+81.22	43.11' RT	844.79	129536.91	171092.90
GSN258	950+86.63	43.13' RT	845.17	129541.02	171089.39
GSN259	950+92.63	43.14' RT	845.55	129545.58	171085.50
GSN260	950+81.61	31.96' LT	845.00	129488.29	171035.71

* MATCH EXISTING

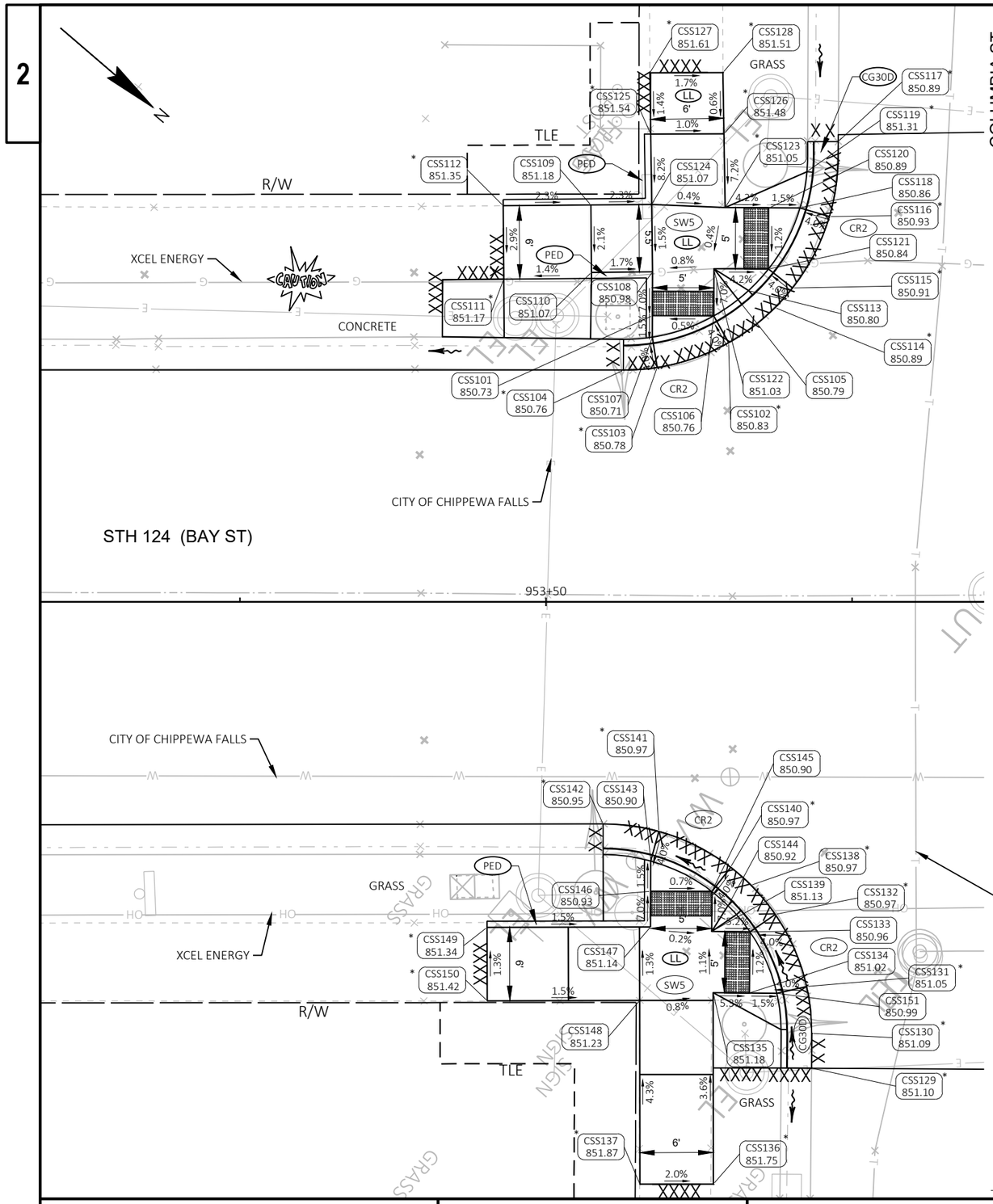
LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 43	E



Columbia Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CSS101	953+58.69	23.36' LT	850.73	129704.07	170861.68
CSS102	953+64.92	21.16' LT	850.83	129710.22	170859.29
CSS103	953+59.08	19.14' LT	850.78	129707.11	170864.63
CSS104	953+56.32	18.92' LT	850.76	129705.16	170866.58
CSS105	953+65.68	24.68' LT	850.79	129708.51	170856.12
CSS106	953+63.69	23.34' LT	850.76	129707.87	170858.43
CSS107	953+58.69	21.61' LT	850.71	129705.20	170863.01
CSS108	953+58.70	26.94' LT	850.98	129701.74	170858.95
CSS109	953+53.66	32.40' LT	851.18	129694.36	170858.10
CSS110	953+53.70	26.90' LT	851.07	129697.97	170862.24
CSS111	953+46.55	26.34' LT	851.17	129692.91	170867.33
CSS112	953+46.50	32.34' LT	851.35	129688.96	170862.81
CSS113	953+66.54	25.41' LT	850.80	129708.68	170855.00
CSS114	953+68.70	24.02' LT	850.89	129711.23	170854.65
CSS115	953+70.13	25.63' LT	850.91	129711.26	170852.50
CSS116	953+73.13	31.46' LT	850.93	129709.74	170846.12
CSS117	953+73.86	37.58' LT	850.89	129706.30	170841.00
CSS118	953+70.74	32.17' LT	850.86	129707.46	170847.14
CSS119	953+71.30	35.12' LT	851.31	129705.97	170844.54
CSS120	953+68.25	32.18' LT	850.89	129705.57	170848.76
CSS121	953+68.16	27.18' LT	850.84	129708.76	170852.61
CSS122	953+63.70	27.19' LT	851.03	129705.37	170855.50
CSS123	953+64.63	32.19' LT	851.05	129702.81	170851.11
CSS124	953+58.62	32.44' LT	851.07	129698.09	170854.83
CSS125	953+58.55	38.19' LT	851.54	129694.29	170850.51
CSS126	953+64.55	38.22' LT	851.48	129698.83	170846.59

Columbia Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CSS127	953+58.49	43.19' LT	851.61	129690.99	170846.76
CSS128	953+64.45	43.22' LT	851.51	129695.49	170842.86
CSS129	953+71.68	38.07' RT	851.10	129753.95	170899.81
CSS130	953+71.69	35.24' RT	851.09	129752.11	170897.65
CSS131	953+71.28	31.41' RT	851.05	129749.31	170895.02
CSS132	953+68.72	25.53' RT	850.97	129743.53	170892.22
CSS133	953+66.66	26.94' RT	850.96	129742.88	170894.64
CSS134	953+66.61	31.94' RT	851.02	129746.11	170898.46
CSS135	953+63.65	31.91' RT	851.18	129743.85	170900.37
CSS136	953+63.66	47.54' RT	851.75	129754.03	170912.22
CSS137	953+57.66	47.54' RT	851.87	129749.48	170916.13
CSS138	953+66.74	23.14' RT	850.97	129740.48	170891.70
CSS139	953+63.54	26.91' RT	851.13	129740.50	170896.65
CSS140	953+65.07	21.67' RT	850.97	129738.25	170891.68
CSS141	953+59.22	18.75' RT	850.97	129731.91	170893.27
CSS142	953+54.67	18.14' RT	850.95	129728.06	170895.77
CSS143	953+58.55	21.16' RT	850.90	129732.97	170895.54
CSS144	953+64.86	24.80' RT	850.92	129740.13	170894.19
CSS145	953+63.55	23.65' RT	850.90	129738.38	170894.17
CSS146	953+58.55	23.64' RT	850.93	129734.58	170897.42
CSS147	953+58.54	26.54' RT	851.14	129736.46	170899.63
CSS148	953+57.65	32.54' RT	851.23	129739.70	170904.76
CSS149	953+45.19	26.58' RT	851.34	129726.36	170908.36
CSS150	953+45.20	32.58' RT	851.42	129730.29	170912.90
CSS151	953+68.84	31.96' RT	850.99	129747.81	170897.02

* MATCH EXISTING

LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 44	E

Columbia Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CSN200	954+20.34	27.67' LT	851.69	129748.02	170818.23
CSN201	954+30.51	18.87' LT	851.74	129761.46	170818.28
CSN202	954+25.41	18.86' LT	851.72	129757.61	170821.61
CSN203	954+15.46	21.95' LT	851.48	129748.05	170825.75
CSN204	954+13.01	23.99' LT	851.33	129744.86	170825.80
CSN205	954+11.28	26.01' LT	851.23	129742.23	170825.40
CSN206	954+07.88	36.39' LT	850.98	129732.89	170819.74
CSN207	954+07.89	38.70' LT	850.96	129731.39	170817.98
CSN208	954+21.39	21.90' LT	852.04	129752.57	170821.92
CSN209	954+16.88	24.01' LT	851.40	129747.78	170823.27
CSN210	954+13.29	27.49' LT	851.24	129742.79	170822.96
CSN211	954+11.05	31.93' LT	851.43	129738.20	170821.05
CSN212	954+18.42	25.64' LT	851.55	129747.89	170821.02
CSN213	954+14.84	29.12' LT	851.40	129742.90	170820.72
CSN214	954+16.70	31.10' LT	851.63	129743.02	170818.00
CSN215	954+16.98	34.76' LT	851.66	129740.85	170815.04
CSN216	954+10.39	41.89' LT	851.35	129731.21	170813.93
CSN217	954+17.03	41.83' LT	851.71	129736.28	170809.65
CSN218	954+23.03	41.78' LT	852.06	129740.86	170805.78
CSN218A	954+22.98	34.71' LT	851.76	129745.43	170811.17
CSN219	954+22.97	26.59' LT	851.71	129750.72	170817.34
CSN220	954+22.94	32.09' LT	851.73	129747.12	170813.19
CSN221	954+36.55	21.42' LT	852.18	129764.39	170812.41
CSN222	954+36.52	26.66' LT	852.29	129760.95	170808.45
CSN223	954+36.50	32.16' LT	852.38	129757.35	170804.30

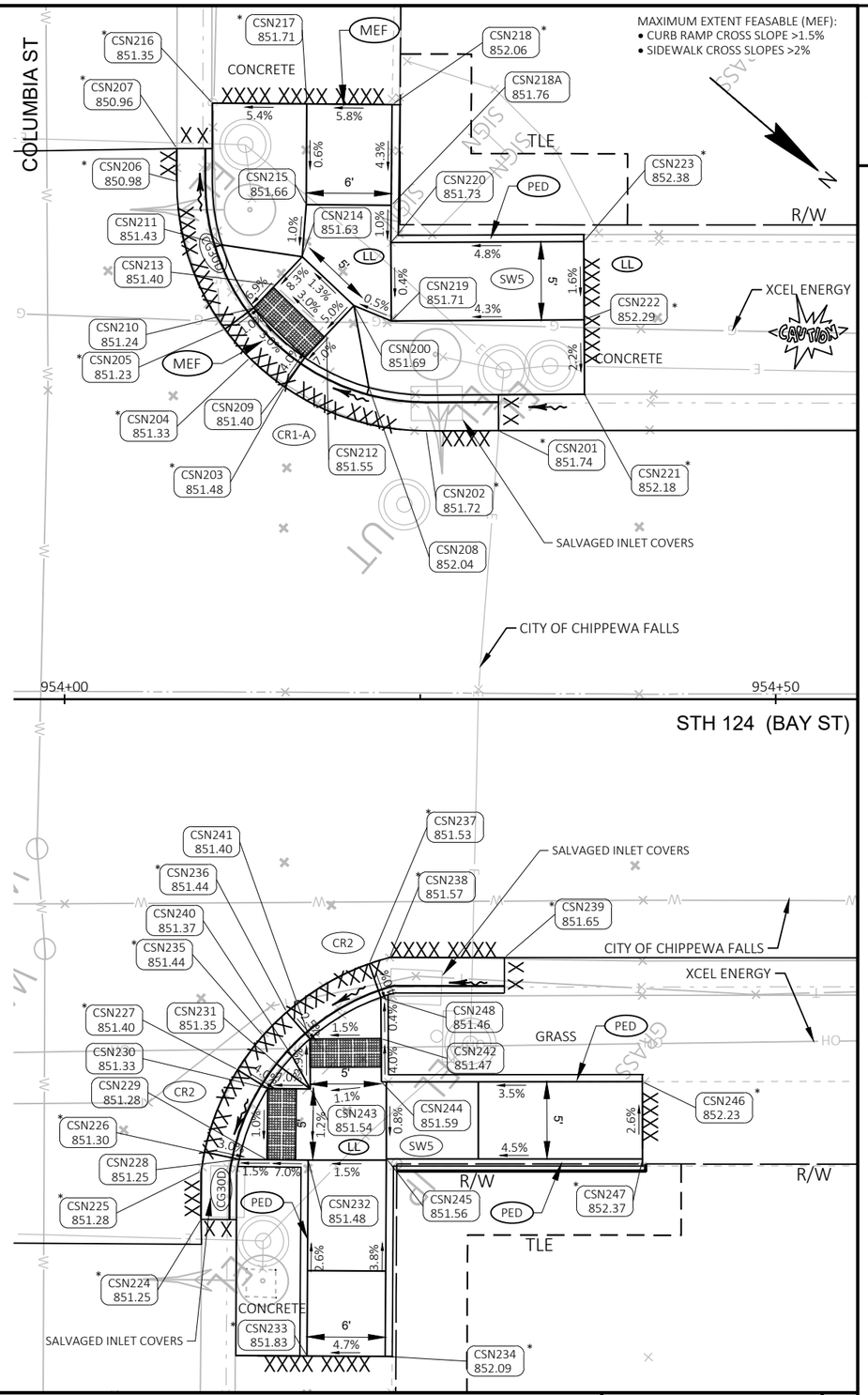
Columbia Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CSN224	954+09.59	36.56' RT	851.25	129781.72	170873.96
CSN225	954+09.60	33.18' RT	851.28	129779.52	170871.39
CSN226	954+09.83	31.83' RT	851.30	129778.82	170870.21
CSN227	954+12.16	26.04' RT	851.40	129776.82	170864.31
CSN228	954+12.28	32.35' RT	851.25	129781.01	170869.01
CSN229	954+14.24	32.37' RT	851.28	129782.51	170867.75
CSN230	954+14.28	27.37' RT	851.33	129779.29	170863.93
CSN231	954+15.29	25.94' RT	851.35	129779.12	170862.19
CSN232	954+17.13	32.39' RT	851.48	129784.72	170865.89
CSN233	954+17.04	46.16' RT	851.83	129793.62	170876.39
CSN234	954+22.54	46.19' RT	852.09	129797.82	170872.83
CSN235	954+13.95	23.65' RT	851.44	129776.61	170861.33
CSN236	954+15.61	21.99' RT	851.44	129776.79	170858.99
CSN237	954+21.40	18.60' RT	851.53	129778.98	170852.64
CSN238	954+22.86	18.15' RT	851.57	129779.79	170851.35
CSN239	954+30.92	18.17' RT	851.65	129785.91	170846.11
CSN240	954+16.00	25.10' RT	851.37	129779.12	170861.09
CSN241	954+17.25	23.88' RT	851.40	129779.27	170859.35
CSN242	954+22.25	23.85' RT	851.47	129783.04	170856.07
CSN243	954+17.27	27.39' RT	851.54	129781.57	170862.00
CSN244	954+22.27	26.89' RT	851.59	129785.03	170858.36
CSN245	954+22.63	32.30' RT	851.56	129788.83	170862.24
CSN246	954+40.62	26.88' RT	852.23	129798.95	170846.40
CSN247	954+40.63	32.31' RT	852.37	129802.49	170850.51
CSN248	954+22.24	20.96' RT	851.46	129781.15	170853.88

LEGEND

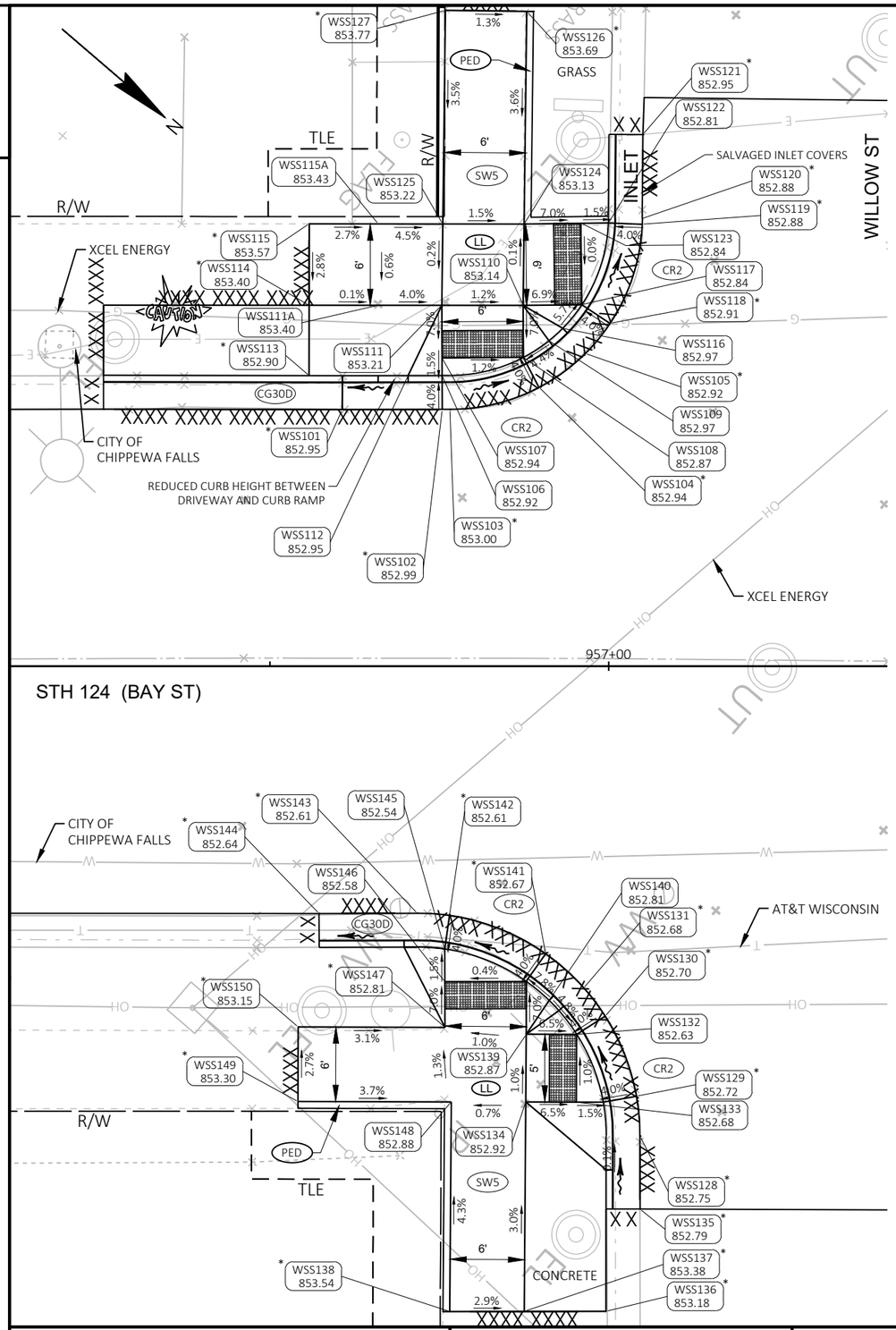
* MATCH EXISTING

- (CRxx) CURB RAMP TYPE
- (SOD) SOD LAWN
- (SW5) CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- (CG30D) CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- (XXX / XXX.XX) POINT NUMBER & ELEVATION
- XXXX SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 45	E



Willow Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
WSS101	956+80.34	18.93' LT	852.95	129950.93	170655.44
WSS102	956+87.72	18.94' LT	852.99	129956.52	170650.62
WSS103	956+88.29	18.94' LT	853.00	129956.95	170650.25
WSS104	956+94.86	20.56' LT	852.94	129960.88	170644.74
WSS105	956+98.27	23.06' LT	852.92	129961.84	170640.62
WSS106	956+87.70	21.44' LT	852.92	129954.88	170648.73
WSS107	956+87.70	22.75' LT	852.94	129954.03	170647.75
WSS108	956+93.70	22.78' LT	852.87	129958.56	170643.81
WSS109	956+95.58	24.01' LT	852.97	129959.18	170641.66
WSS110	956+93.68	26.64' LT	853.14	129956.03	170640.89
WSS111	956+87.68	26.62' LT	853.21	129951.49	170644.82
WSS111A	956+82.99	26.62' LT	853.40	129947.93	170647.88
WSS112	956+85.20	21.44' LT	852.95	129952.99	170650.37
WSS113	956+77.89	21.44' LT	852.90	129947.44	170655.13
WSS114	956+77.90	26.62' LT	853.40	129944.07	170651.20
WSS115	956+77.90	32.62' LT	853.57	129940.16	170646.64
WSS115A	956+82.99	32.62' LT	853.43	129944.02	170643.33
WSS116	956+96.60	24.93' LT	852.97	129959.36	170640.29
WSS117	956+98.02	26.67' LT	852.84	129959.30	170638.05
WSS118	957+00.10	25.29' LT	852.91	129961.78	170637.74
WSS119	957+02.46	32.60' LT	852.88	129958.80	170630.66
WSS120	957+02.47	33.02' LT	852.88	129958.54	170630.33
WSS121	957+02.52	39.21' LT	852.95	129954.54	170625.60
WSS122	956+99.96	32.69' LT	852.81	129956.85	170632.21
WSS123	956+97.94	32.67' LT	852.84	129955.33	170633.55

Willow Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
WSS124	956+93.76	32.61' LT	853.13	129952.19	170636.32
WSS125	956+87.76	32.62' LT	853.22	129947.64	170640.22
WSS126	956+93.95	48.30' LT	853.69	129942.12	170624.29
WSS127	956+87.95	48.38' LT	853.77	129937.52	170628.14
WSS128	957+02.31	34.66' RT	852.75	130002.52	170681.77
WSS129	957+02.05	31.72' RT	852.72	130000.41	170679.71
WSS130	956+99.75	25.82' RT	852.70	129994.81	170676.74
WSS131	956+98.14	23.76' RT	852.68	129992.25	170676.22
WSS132	956+97.64	27.16' RT	852.63	129994.09	170679.13
WSS133	956+97.63	32.16' RT	852.68	129997.34	170682.93
WSS134	956+93.88	32.15' RT	852.92	129994.49	170685.36
WSS135	957+02.30	40.05' RT	852.79	130006.02	170685.87
WSS136	956+99.80	47.59' RT	853.18	130009.05	170693.21
WSS137	956+93.76	47.60' RT	853.38	130004.46	170697.16
WSS138	956+88.26	47.61' RT	853.54	130000.30	170700.74
WSS139	956+93.92	27.15' RT	852.87	129991.27	170681.54
WSS140	956+95.60	24.66' RT	852.81	129990.92	170678.56
WSS141	956+95.35	21.21' RT	852.67	129988.47	170676.11
WSS142	956+88.26	18.39' RT	852.61	129981.26	170678.59
WSS143	956+85.87	18.22' RT	852.61	129979.34	170680.01
WSS144	956+78.62	18.24' RT	852.64	129973.85	170684.75
WSS145	956+87.90	20.87' RT	852.54	129982.60	170680.70
WSS146	956+87.91	23.28' RT	852.58	129984.18	170682.53
WSS147	956+87.93	26.64' RT	852.81	129986.38	170685.06
WSS148	956+88.38	32.14' RT	852.88	129990.31	170688.94

LEGEND

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX / XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Willow St North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
WSN201	957+58.90	18.79' LT	853.28	130010.62	170604.35
WSN202	957+53.16	18.81' LT	853.18	130006.25	170608.08
WSN203	957+51.70	18.89' LT	853.17	130005.09	170608.97
WSN204	957+45.65	20.94' LT	853.10	129999.16	170611.35
WSN205	957+45.14	24.46' LT	853.01	129996.48	170609.02
WSN206	957+46.97	23.07' LT	853.03	129998.77	170608.88
WSN207	957+51.97	23.07' LT	853.11	130002.57	170605.62
WSN208	957+51.97	27.32' LT	853.40	129999.80	170602.40
WSN211	957+61.64	36.78' LT	854.09	130000.97	170588.92
WSN212	957+62.99	34.16' LT	854.13	130003.70	170590.03
WSN213	957+63.00	33.30' LT	854.13	130004.27	170590.67
WSN214	957+62.99	27.34' LT	854.07	130008.15	170595.20
WSN215	957+68.99	33.30' LT	854.22	130008.81	170586.77
WSN216	957+68.99	27.35' LT	854.16	130012.70	170591.29
WSN217	957+73.49	33.31' LT	854.20	130012.22	170583.83
WSN218	957+73.49	27.35' LT	853.97	130016.11	170588.35
WSN219	957+38.84	41.50' LT	852.99	129980.60	170600.20
WSN220	957+38.80	33.79' LT	852.99	129985.60	170606.07
WSN221	957+40.73	26.02' LT	853.05	129992.12	170610.71
WSN222	957+38.80	33.28' LT	853.00	129985.93	170606.46
WSN223	957+41.30	33.27' LT	852.97	129987.83	170604.83
WSN224	957+42.81	33.27' LT	852.99	129988.98	170603.86
WSN225	957+42.89	27.27' LT	853.00	129992.95	170608.35
WSN226	957+44.23	25.40' LT	853.00	129995.18	170608.90
WSN227	957+47.08	27.32' LT	853.33	129996.09	170605.58
WSN228	957+47.00	33.32' LT	853.33	129992.12	170601.08
WSN229	957+53.00	33.31' LT	853.43	129996.68	170597.18
WSN230	957+53.02	36.82' LT	853.58	129994.40	170594.51
WSN231	957+47.06	44.77' LT	853.71	129984.70	170592.36
WSN232	957+53.06	44.74' LT	853.93	129989.27	170588.48

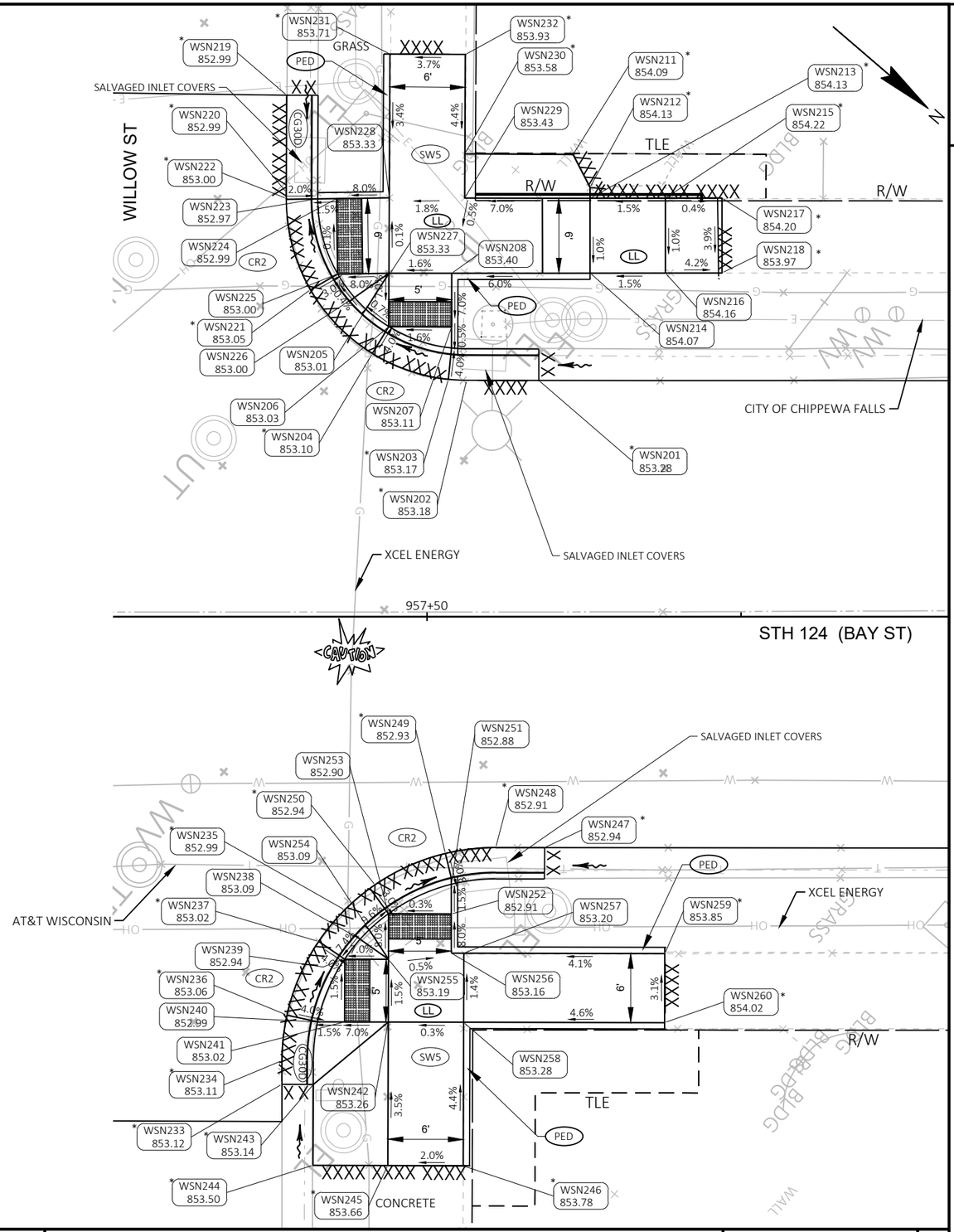
Willow St North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
WSN233	957+38.46	37.22' RT	853.12	130031.60	170660.16
WSN234	957+38.46	35.32' RT	853.11	130030.37	170658.72
WSN235	957+43.47	23.34' RT	852.99	130026.36	170646.37
WSN236	957+38.86	31.71' RT	853.06	130028.32	170655.71
WSN237	957+41.38	25.85' RT	853.02	130026.42	170649.63
WSN238	957+44.69	25.68' RT	853.09	130028.81	170647.35
WSN239	957+43.46	27.25' RT	852.94	130028.90	170649.34
WSN240	957+41.30	32.25' RT	852.99	130030.53	170654.53
WSN241	957+43.44	32.25' RT	853.02	130032.15	170653.14
WSN242	957+46.92	32.26' RT	853.26	130034.79	170650.88
WSN243	957+40.96	37.22' RT	853.14	130033.50	170658.53
WSN244	957+40.93	43.66' RT	853.50	130037.68	170663.43
WSN245	957+46.88	43.68' RT	853.66	130042.21	170659.57
WSN246	957+52.88	43.70' RT	853.78	130046.77	170655.67
WSN247	957+59.36	18.39' RT	852.94	130035.19	170632.25
WSN248	957+55.47	18.38' RT	852.91	130032.24	170634.78
WSN249	957+51.47	18.86' RT	852.93	130029.51	170637.75
WSN250	957+45.87	21.35' RT	852.94	130026.88	170643.29
WSN251	957+51.94	21.32' RT	852.88	130031.47	170639.31
WSN252	957+51.94	23.66' RT	852.91	130032.99	170641.09
WSN253	957+46.94	23.65' RT	852.90	130029.20	170644.34
WSN254	957+45.41	24.94' RT	853.09	130028.87	170646.31
WSN255	957+46.93	27.26' RT	853.19	130031.55	170647.08
WSN256	957+51.94	26.77' RT	853.16	130035.02	170643.45
WSN257	957+52.94	26.77' RT	853.20	130035.78	170642.80
WSN258	957+52.92	32.27' RT	853.28	130039.35	170646.98
WSN259	957+68.93	26.81' RT	853.85	130047.93	170632.40
WSN260	957+68.92	32.31' RT	854.02	130051.51	170636.58

LEGEND

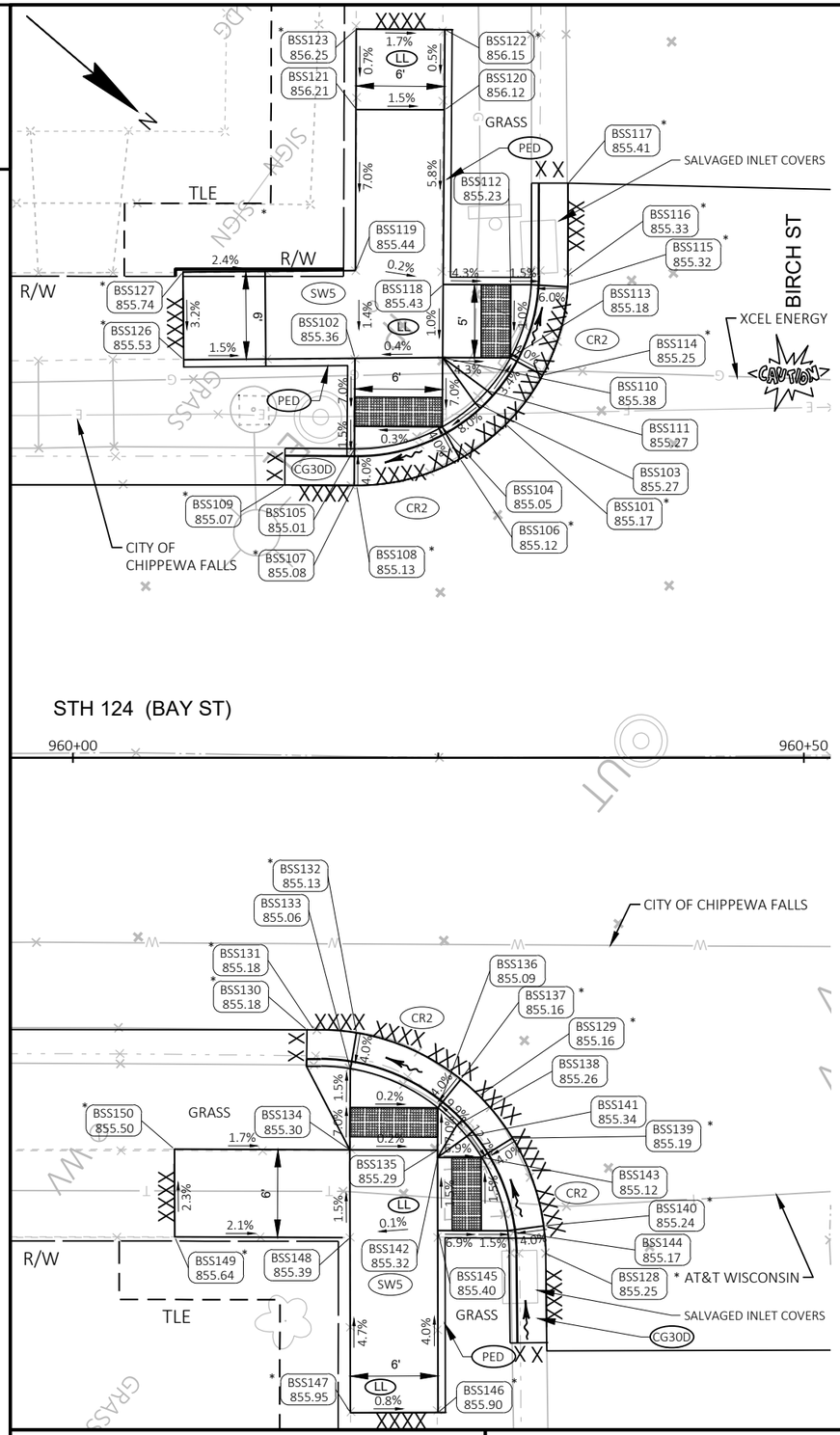
CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX / XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 47	E



Birch Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BSS101	960+29.61	22.82' LT	855.17	130213.33	170424.89
BSS102	960+19.29	27.32' LT	855.36	130202.57	170428.20
BSS103	960+27.51	24.28' LT	855.27	130210.79	170425.15
BSS104	960+25.26	22.64' LT	855.05	130210.15	170427.86
BSS105	960+19.25	21.14' LT	855.01	130206.57	170432.92
BSS106	960+26.48	20.46' LT	855.12	130212.50	170428.72
BSS107	960+19.24	18.64' LT	855.08	130208.19	170434.82
BSS108	960+19.40	18.63' LT	855.13	130208.31	170434.72
BSS109	960+14.49	18.66' LT	855.07	130204.58	170437.90
BSS110	960+25.29	27.37' LT	855.38	130207.09	170424.25
BSS111	960+28.35	25.11' LT	855.27	130210.88	170423.98
BSS112	960+29.94	32.36' LT	855.23	130207.37	170417.44
BSS113	960+29.92	27.36' LT	855.18	130210.61	170421.25
BSS114	960+32.12	26.17' LT	855.25	130213.05	170420.72
BSS115	960+33.86	32.34' LT	855.32	130210.35	170414.90
BSS116	960+33.86	33.00' LT	855.33	130209.92	170414.39
BSS117	960+33.88	39.31' LT	855.41	130205.83	170409.61
BSS118	960+25.33	32.38' LT	855.43	130203.86	170420.43
BSS119	960+19.33	33.33' LT	855.44	130198.69	170423.62
BSS120	960+25.40	44.30' LT	856.12	130196.15	170411.34
BSS121	960+19.40	44.34' LT	856.21	130191.57	170415.22
BSS122	960+25.44	49.81' LT	856.15	130192.58	170407.14
BSS123	960+19.38	49.85' LT	856.25	130187.96	170411.06
BSS126	960+07.57	27.23' LT	855.53	130193.74	170435.91
BSS127	960+07.52	33.23' LT	855.74	130189.79	170431.39
BSS128	960+32.34	33.91' RT	855.25	130252.37	170466.15

Birch Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BSS129	960+27.78	23.14' RT	855.16	130241.90	170460.95
BSS130	960+16.01	18.61' RT	855.18	130230.01	170465.18
BSS131	960+16.50	18.61' RT	855.18	130230.39	170464.86
BSS132	960+19.39	18.83' RT	855.13	130232.72	170463.14
BSS133	960+18.98	21.30' RT	855.06	130234.02	170465.28
BSS134	960+18.94	26.81' RT	855.30	130237.58	170469.49
BSS135	960+24.94	26.85' RT	855.29	130242.16	170465.61
BSS136	960+24.96	23.97' RT	855.09	130240.30	170463.41
BSS137	960+26.53	22.02' RT	855.16	130240.21	170460.91
BSS138	960+26.25	25.15' RT	855.26	130242.04	170463.47
BSS139	960+30.06	26.04' RT	855.19	130245.51	170461.65
BSS140	960+32.20	32.03' RT	855.24	130251.04	170464.81
BSS141	960+26.92	25.91' RT	855.34	130243.05	170463.61
BSS142	960+24.95	27.35' RT	855.32	130242.49	170465.98
BSS143	960+27.93	27.34' RT	855.12	130244.74	170464.03
BSS144	960+29.72	32.37' RT	855.17	130249.38	170466.68
BSS145	960+24.96	32.35' RT	855.40	130245.75	170469.77
BSS146	960+24.98	44.79' RT	855.90	130253.88	170479.19
BSS147	960+18.98	44.80' RT	855.95	130249.34	170483.11
BSS148	960+18.96	32.82' RT	855.39	130241.51	170474.04
BSS149	960+06.96	32.77' RT	855.64	130232.37	170481.82
BSS150	960+06.94	26.77' RT	855.50	130228.46	170477.28

* MATCH EXISTING

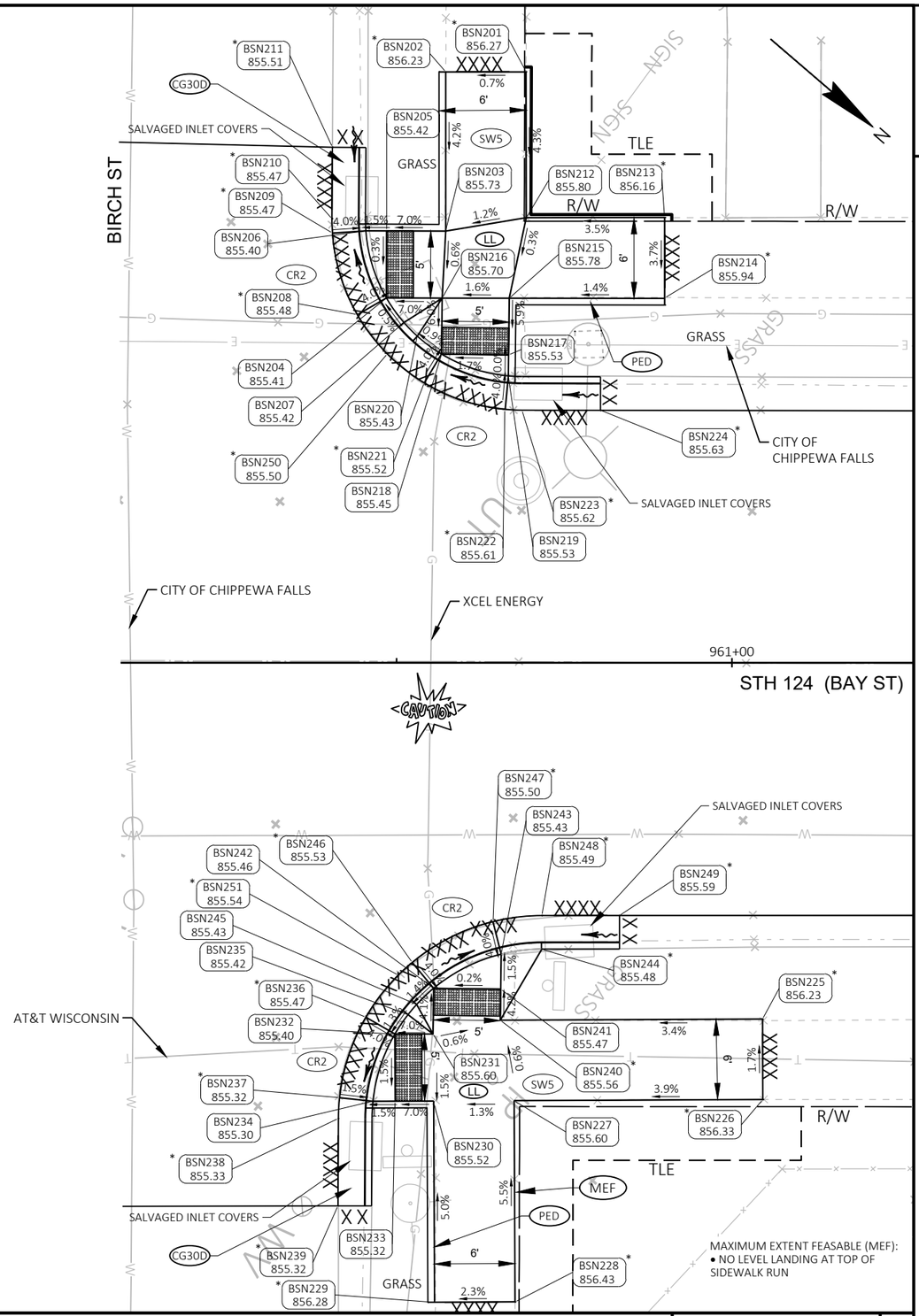
LEGEND

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Birch Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BSN201	960+84.66	44.05' LT	856.27	130241.25	170372.92
BSN202	960+78.67	44.05' LT	856.23	130236.71	170376.82
BSN203	960+78.66	32.18' LT	855.73	130244.44	170385.83
BSN204	960+74.25	27.19' LT	855.41	130244.34	170392.49
BSN205	960+74.27	32.19' LT	855.42	130241.10	170388.68
BSN206	960+72.72	32.20' LT	855.40	130239.92	170389.68
BSN207	960+75.55	25.36' LT	855.42	130246.52	170393.03
BSN208	960+72.08	25.95' LT	855.48	130243.51	170394.84
BSN209	960+70.23	32.02' LT	855.47	130238.14	170391.44
BSN210	960+70.19	33.10' LT	855.47	130237.41	170390.65
BSN211	960+70.22	38.43' LT	855.51	130233.97	170386.59
BSN212	960+84.66	33.17' LT	855.80	130248.34	170381.16
BSN213	960+94.98	33.19' LT	856.16	130256.16	170374.43
BSN214	960+94.99	27.20' LT	855.94	130260.07	170378.97
BSN215	960+83.41	27.18' LT	855.78	130251.30	170386.53
BSN216	960+78.41	27.18' LT	855.70	130247.50	170389.79
BSN217	960+83.35	22.94' LT	855.53	130254.02	170389.78
BSN218	960+78.35	23.01' LT	855.45	130250.18	170392.99
BSN219	960+83.33	21.38' LT	855.53	130255.02	170390.98
BSN220	960+76.55	24.34' LT	855.43	130247.94	170393.15
BSN221	960+77.06	20.86' LT	855.52	130250.60	170395.45
BSN222	960+83.07	18.89' LT	855.61	130256.45	170393.03
BSN223	960+84.36	18.83' LT	855.62	130257.46	170392.25
BSN224	960+90.20	18.83' LT	855.63	130261.89	170388.44
BSN225	961+02.27	26.57' RT	856.23	130300.63	170415.00
BSN226	961+02.30	32.57' RT	856.33	130304.56	170419.54

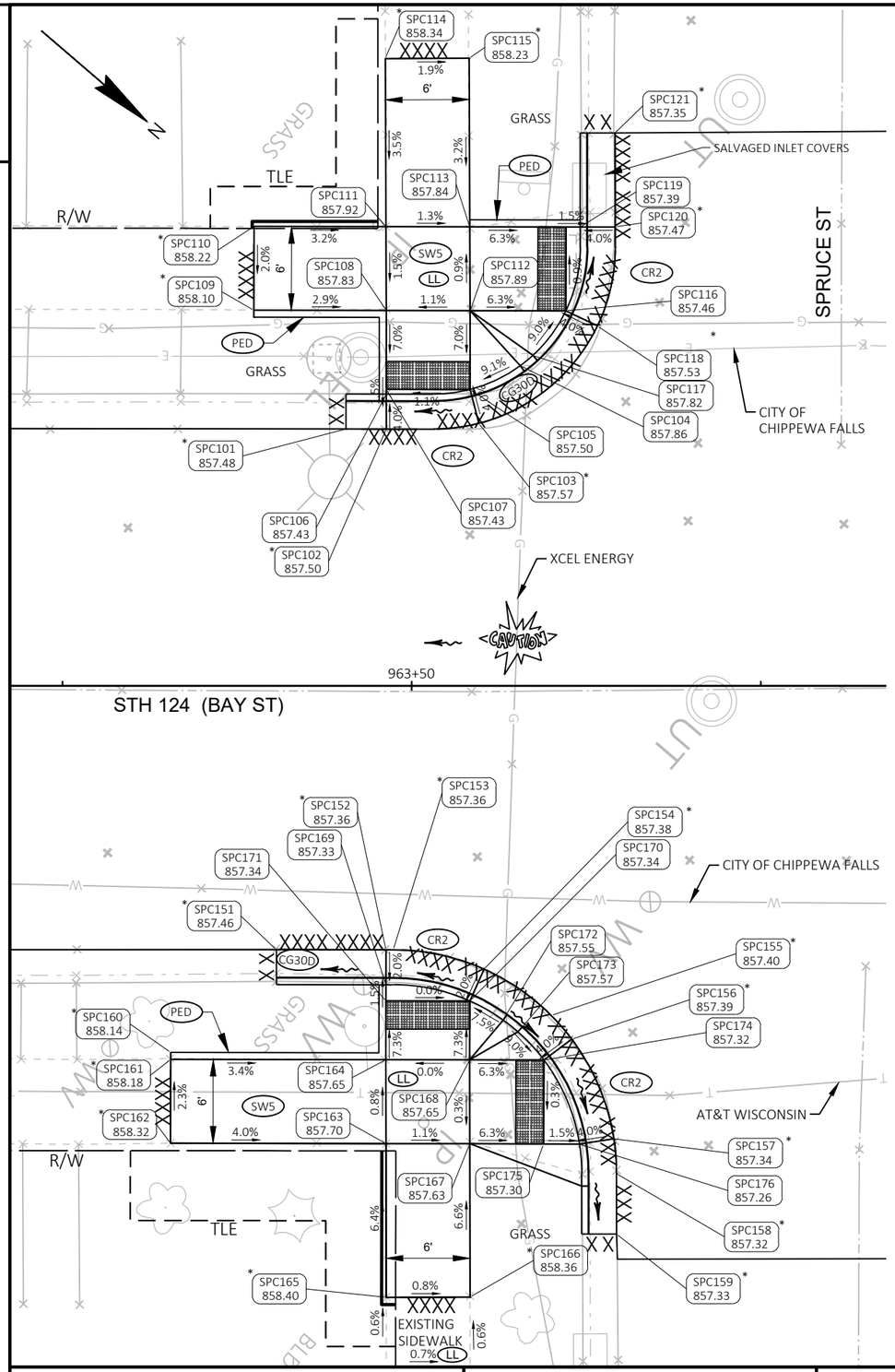
Birch Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BSN227	960+83.76	32.65' RT	855.60	130290.55	170431.68
BSN228	960+83.84	47.65' RT	856.43	130300.39	170443.01
BSN229	960+77.84	47.68' RT	856.28	130295.86	170446.94
BSN230	960+77.73	32.68' RT	855.52	130286.00	170435.63
BSN231	960+77.72	27.68' RT	855.60	130282.73	170431.84
BSN232	960+74.88	27.69' RT	855.40	130280.58	170433.70
BSN233	960+74.89	32.69' RT	855.32	130283.85	170437.49
BSN234	960+73.24	32.69' RT	855.30	130282.60	170438.57
BSN235	960+75.86	26.24' RT	855.42	130280.38	170431.97
BSN236	960+72.71	26.43' RT	855.47	130278.12	170434.16
BSN237	960+70.75	32.42' RT	855.32	130280.54	170439.98
BSN238	960+70.67	33.98' RT	855.33	130281.48	170441.22
BSN239	960+70.63	40.49' RT	855.32	130285.70	170446.18
BSN240	960+82.73	26.65' RT	855.56	130285.86	170427.80
BSN241	960+82.76	24.34' RT	855.47	130284.38	170426.03
BSN242	960+77.76	24.28' RT	855.46	130280.54	170429.24
BSN243	960+82.79	21.73' RT	855.43	130282.70	170424.03
BSN244	960+85.84	21.35' RT	855.48	130284.77	170421.76
BSN245	960+76.49	25.48' RT	855.43	130280.37	170430.98
BSN246	960+76.17	22.35' RT	855.53	130278.08	170428.82
BSN247	960+82.19	19.31' RT	855.50	130280.66	170422.58
BSN248	960+85.83	18.85' RT	855.49	130283.13	170419.87
BSN249	960+91.61	18.84' RT	855.59	130287.51	170416.09
BSN250	960+74.31	23.03' LT	855.50	130247.10	170395.61
BSN251	960+75.13	23.29' RT	855.54	130277.91	170430.20



LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE
- * — MATCH EXISTING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



SPRUCE STREET - SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SPC101	963+45.30	18.37' LT	857.48	130455.69	170222.55
SPC102	963+48.19	18.37' LT	857.50	130457.88	170220.67
SPC103	963+54.81	18.78' LT	857.57	130462.64	170216.04
SPC104	963+57.78	22.90' LT	857.86	130462.20	170210.98
SPC105	963+54.19	21.20' LT	857.50	130460.59	170214.61
SPC106	963+48.19	20.87' LT	857.43	130456.25	170218.77
SPC107	963+48.19	21.21' LT	857.43	130456.03	170218.52
SPC108	963+48.19	26.85' LT	857.83	130452.36	170214.23
SPC109	963+38.71	26.87' LT	858.10	130445.15	170220.40
SPC110	963+38.72	32.87' LT	858.22	130441.25	170215.84
SPC111	963+48.16	32.85' LT	857.92	130448.43	170209.70
SPC112	963+54.19	26.84' LT	857.89	130456.92	170210.33
SPC113	963+54.16	32.84' LT	857.84	130452.99	170205.80
SPC114	963+48.11	44.88' LT	858.34	130440.55	170200.62
SPC115	963+54.11	44.90' LT	858.23	130445.09	170196.69
SPC116	963+61.04	26.83' LT	857.46	130462.12	170205.87
SPC117	963+58.68	23.64' LT	857.82	130462.40	170209.84
SPC118	963+63.30	25.75' LT	857.53	130464.53	170205.22
SPC119	963+62.07	32.83' LT	857.39	130458.99	170200.65
SPC120	963+64.57	32.84' LT	857.47	130460.88	170199.02
SPC121	963+64.56	39.56' LT	857.35	130456.50	170193.93
SPC151	963+40.32	18.88' RT	857.46	130476.18	170254.05
SPC152	963+48.16	18.90' RT	857.36	130482.15	170248.95
SPC153	963+48.69	18.89' RT	857.36	130482.54	170248.61

SPRUCE STREET - SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SPC154	963+55.18	20.27' RT	857.38	130488.37	170245.43
SPC155	963+60.00	23.59' RT	857.40	130494.19	170244.80
SPC156	963+61.47	25.29' RT	857.39	130496.40	170245.13
SPC157	963+64.47	32.41' RT	857.34	130503.32	170248.57
SPC158	963+64.67	34.92' RT	857.32	130505.11	170250.35
SPC159	963+64.66	39.23' RT	857.33	130507.91	170253.63
SPC160	963+32.76	26.23' RT	858.14	130475.24	170264.56
SPC161	963+32.76	26.73' RT	858.18	130475.57	170264.94
SPC162	963+32.75	32.73' RT	858.32	130479.47	170269.49
SPC163	963+48.17	32.76' RT	857.70	130491.18	170259.47
SPC164	963+48.16	26.76' RT	857.65	130487.27	170254.92
SPC165	963+48.19	43.75' RT	858.40	130498.36	170267.79
SPC166	963+54.18	43.74' RT	858.36	130502.90	170263.88
SPC167	963+54.17	32.77' RT	857.63	130495.74	170255.56
SPC168	963+54.16	26.77' RT	857.65	130491.83	170251.02
SPC169	963+48.16	21.39' RT	857.33	130483.77	170250.84
SPC170	963+54.16	22.56' RT	857.34	130489.08	170247.82
SPC171	963+48.16	22.55' RT	857.34	130484.53	170251.73
SPC172	963+56.54	23.92' RT	857.55	130491.78	170247.31
SPC173	963+57.60	24.77' RT	857.57	130493.14	170247.26
SPC174	963+59.47	26.79' RT	857.32	130495.86	170247.57
SPC175	963+59.44	32.79' RT	857.30	130499.76	170252.14
SPC176	963+62.00	32.80' RT	857.26	130501.70	170250.48

* MATCH EXISTING

LEGEND

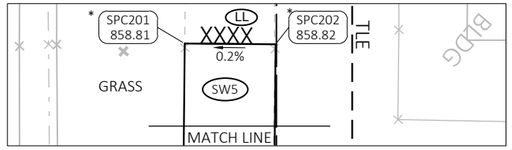
- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

2

LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

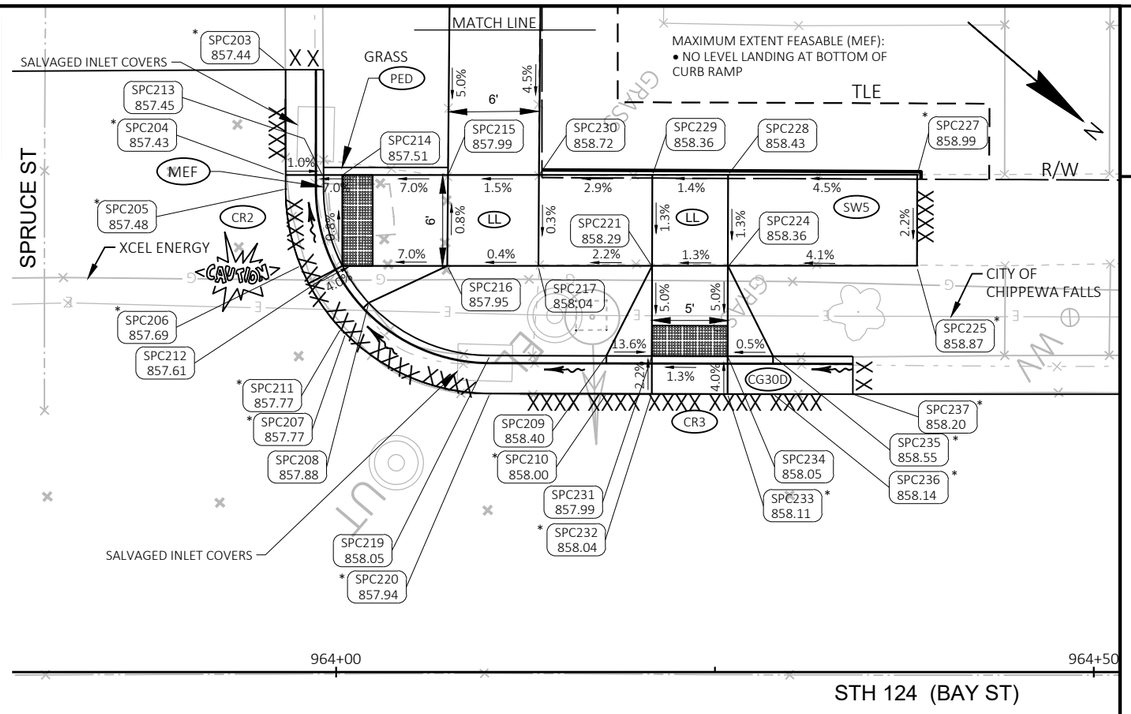


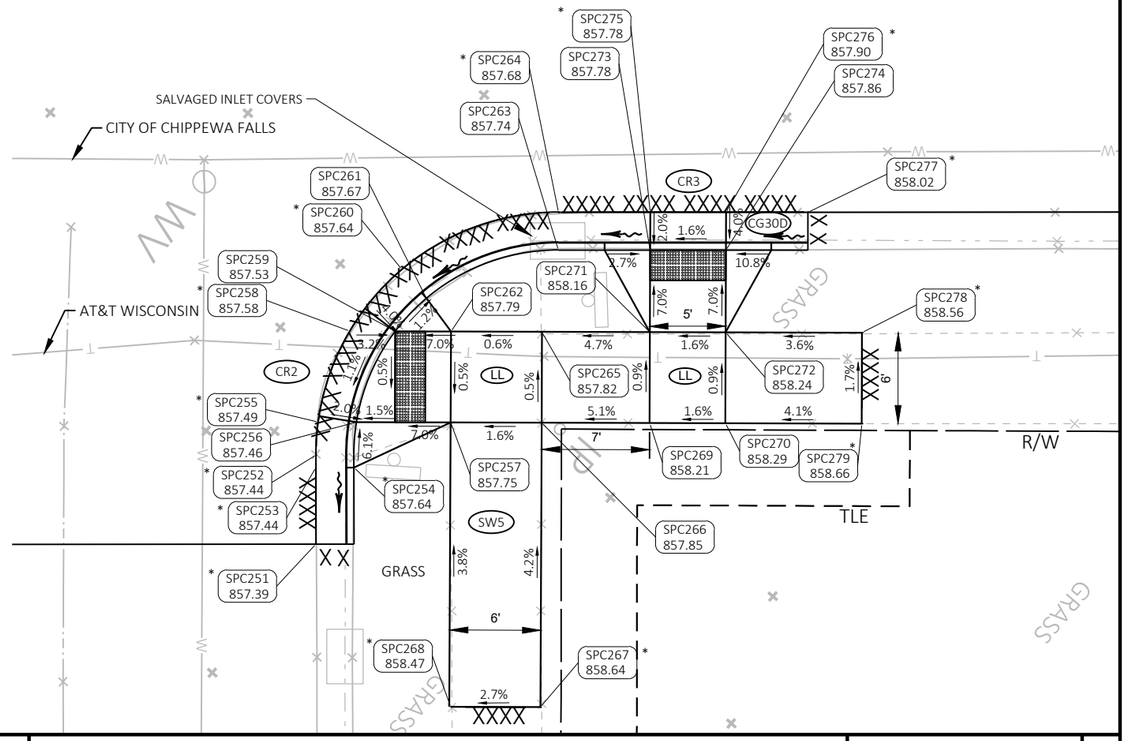
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

* MATCH EXISTING

SPRUCE STREET - NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SPC201	964+07.53	47.81' LT	858.81	130483.71	170159.67
SPC202	964+13.53	47.77' LT	858.82	130488.29	170155.79
SPC203	963+96.66	39.74' LT	857.44	130480.73	170172.87
SPC204	963+96.67	32.80' LT	857.43	130485.26	170178.13
SPC205	963+96.67	31.86' LT	857.48	130485.86	170178.84
SPC206	963+97.66	26.80' LT	857.69	130489.92	170182.04
SPC207	964+00.62	22.33' LT	857.77	130495.07	170183.50
SPC208	964+02.14	24.35' LT	857.88	130494.91	170180.97
SPC209	964+17.84	20.86' LT	858.40	130509.09	170173.39
SPC210	964+17.83	18.36' LT	858.00	130510.71	170175.29
SPC211	964+00.32	22.64' LT	857.77	130494.64	170183.46
SPC212	964+00.41	26.79' LT	857.61	130492.01	170180.25
SPC213	963+99.17	32.80' LT	857.45	130487.15	170176.51
SPC214	964+00.42	32.79' LT	857.51	130488.11	170175.69
SPC215	964+07.38	32.79' LT	857.99	130493.39	170171.16
SPC216	964+07.34	26.79' LT	857.95	130497.27	170175.74
SPC217	964+13.34	26.77' LT	858.04	130501.83	170171.84
SPC219	964+10.15	20.88' LT	858.05	130503.25	170178.39
SPC220	964+10.15	18.38' LT	857.94	130504.88	170180.29
SPC221	964+20.85	26.75' LT	858.29	130507.54	170166.96
SPC224	964+25.85	26.74' LT	858.36	130511.34	170163.71
SPC225	964+38.32	26.71' LT	858.87	130520.82	170155.61
SPC227	964+38.34	32.82' LT	858.99	130516.85	170150.97
SPC228	964+25.87	32.81' LT	858.43	130507.40	170159.10
SPC229	964+20.87	32.80' LT	858.36	130503.61	170162.36
SPC230	964+13.38	32.77' LT	858.72	130497.95	170167.26
SPC231	964+20.84	20.86' LT	857.99	130511.37	170171.44
SPC232	964+20.83	18.36' LT	858.04	130512.99	170173.34
SPC233	964+25.83	18.35' LT	858.11	130516.79	170170.09
SPC234	964+25.84	20.85' LT	858.05	130515.17	170168.19
SPC235	964+28.84	20.84' LT	858.55	130517.45	170166.24
SPC236	964+28.83	18.34' LT	858.14	130519.07	170168.14
SPC237	964+34.10	18.33' LT	858.20	130523.07	170164.72

SPRUCE STREET - NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SPC251	963+98.68	40.97' RT	857.39	130534.85	170232.78
SPC252	963+98.67	35.10' RT	857.44	130531.02	170228.33
SPC253	963+98.67	35.92' RT	857.44	130531.56	170228.96
SPC254	964+01.17	35.92' RT	857.64	130533.45	170227.33
SPC255	963+98.82	32.92' RT	857.49	130529.71	170226.58
SPC256	964+01.34	32.93' RT	857.46	130531.63	170224.94
SPC257	964+07.56	32.95' RT	857.75	130536.36	170220.91
SPC258	964+00.90	26.93' RT	857.58	130527.39	170220.68
SPC259	964+03.90	26.94' RT	857.53	130529.67	170218.73
SPC260	964+04.35	22.86' RT	857.64	130527.35	170215.34
SPC261	964+05.96	24.77' RT	857.67	130529.82	170215.74
SPC262	964+07.59	26.95' RT	857.79	130532.47	170216.34
SPC263	964+14.67	21.58' RT	857.74	130534.34	170207.66
SPC264	964+14.67	19.08' RT	857.68	130532.72	170205.76
SPC265	964+13.58	26.97' RT	857.82	130537.03	170212.45
SPC266	964+13.56	32.97' RT	857.85	130540.92	170217.01
SPC267	964+13.48	51.73' RT	858.64	130553.09	170231.30
SPC268	964+07.57	51.70' RT	858.47	130548.59	170235.13
SPC269	964+20.68	32.99' RT	858.21	130546.34	170212.39
SPC270	964+25.68	33.00' RT	858.29	130550.14	170209.14
SPC271	964+20.70	26.99' RT	858.16	130542.44	170207.82
SPC272	964+25.70	27.00' RT	858.24	130546.25	170204.58
SPC273	964+20.72	21.58' RT	857.78	130538.93	170203.71
SPC274	964+25.72	21.58' RT	857.86	130542.72	170200.45
SPC275	964+20.72	19.08' RT	857.78	130537.31	170201.81
SPC276	964+25.72	19.08' RT	857.90	130541.10	170198.55
SPC277	964+31.13	19.08' RT	858.02	130545.20	170195.03
SPC278	964+34.70	27.03' RT	858.56	130553.09	170198.73
SPC279	964+34.68	33.03' RT	858.66	130556.99	170203.29





PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 51	E

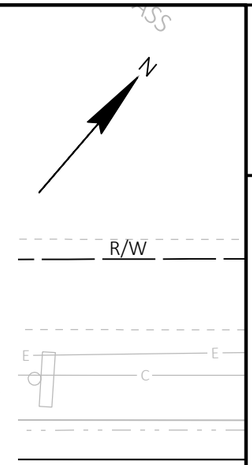
Cedar Street West					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CED101	966+71.72	19.21' RT	860.07	130727.78	170038.35
CED102	966+74.76	19.21' RT	860.11	130730.09	170036.36
CED103	966+78.40	19.55' RT	860.12	130733.07	170034.26
CED104	966+85.30	22.38' RT	860.13	130740.14	170031.90
CED105	966+74.94	21.71' RT	860.42	130731.85	170038.15
CED106	966+77.92	22.01' RT	860.09	130734.31	170036.43
CED107	966+77.92	24.44' RT	860.13	130735.89	170038.28
CED108	966+83.92	24.46' RT	860.10	130740.45	170034.38
CED109	966+85.74	25.86' RT	860.29	130742.75	170034.26
CED110	966+83.91	27.15' RT	860.31	130742.20	170036.43
CED111	966+77.92	27.14' RT	860.34	130737.65	170040.32
CED112	966+77.90	33.10' RT	860.40	130741.52	170044.86
CED113	966+67.52	27.07' RT	860.57	130729.72	170047.05
CED114	966+67.50	33.07' RT	860.69	130733.61	170051.62
CED115	967+37.58	24.55' RT	860.19	130743.89	170031.81
CED116	967+39.65	22.75' RT	860.23	130746.61	170032.21
CED117	967+46.54	19.48' RT	860.25	130753.57	170035.32
CED118	967+50.99	18.94' RT	860.31	130756.88	170038.35
CED119	967+52.88	18.93' RT	860.28	130758.11	170039.78
CED120	967+50.10	21.46' RT	860.59	130754.38	170039.32
CED121	967+47.14	21.91' RT	860.18	130752.11	170037.36
CED122	967+47.15	24.72' RT	860.22	130749.99	170039.19
CED123	967+41.15	24.74' RT	860.16	130746.06	170034.65
CED124	967+39.41	26.25' RT	860.30	130743.79	170034.31
CED125	967+41.16	27.24' RT	860.32	130744.17	170036.28
CED126	966+79.54	33.11' RT	860.40	130742.76	170043.80
CED127	967+47.20	33.20' RT	860.45	130743.58	170044.75
CED128	967+47.16	27.20' RT	860.38	130748.11	170040.81
CED129	967+59.20	33.12' RT	860.91	130751.44	170053.81
CED130	967+59.16	27.12' RT	860.75	130755.97	170049.88

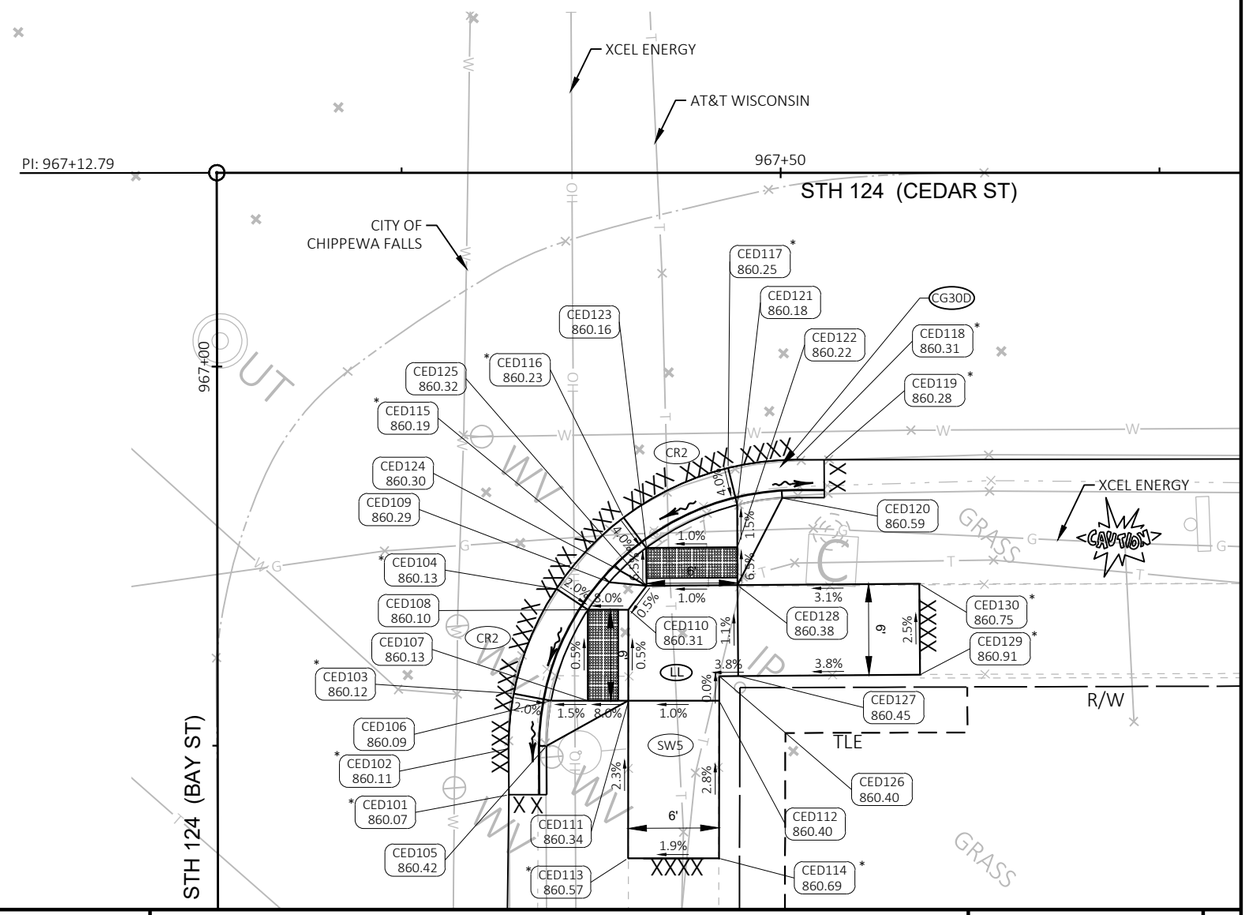
* MATCH EXISTING

LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.





PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 52	E

2

Oak Street					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
OAK101	966+97.34	63.27' LT	861.06	130693.47	169959.09
OAK102	967+04.82	57.10' LT	861.15	130703.16	169958.90
OAK103	967+06.10	56.15' LT	861.13	130704.75	169958.79
OAK104	967+11.83	53.73' LT	861.12	130710.68	169956.89
OAK105	967+07.49	58.23' LT	861.06	130704.45	169956.30
OAK106	967+12.35	56.17' LT	861.05	130709.48	169954.69
OAK107	967+12.79	58.85' LT	861.10	130709.52	169951.17
OAK108	967+02.12	68.99' LT	861.41	130693.36	169951.64
OAK108A	967+06.00	65.85' LT	861.32	130698.36	169951.49
OAK109	966+98.94	65.19' LT	861.32	130693.43	169956.59
OAK109A	967+02.82	61.99' LT	861.22	130698.46	169956.49
OAK110	967+12.79	53.56' LT	861.11	130714.40	169954.08
OAK111	967+12.79	56.00' LT	861.02	130717.89	169948.82
OAK112	967+12.79	60.47' LT	861.07	130719.12	169943.06
OAK113	967+12.79	60.70' LT	861.08	130719.13	169942.79
OAK114	967+12.79	65.65' LT	861.30	130719.19	169937.27
OAK115	967+12.79	64.29' LT	861.50	130716.66	169940.03
OAK116	967+12.79	61.67' LT	861.00	130716.62	169943.03
OAK117	967+12.79	62.28' LT	861.02	130715.25	169943.09
OAK118	967+12.79	57.89' LT	860.95	130715.49	169948.08
OAK119	967+12.79	60.47' LT	861.29	130710.55	169948.33
OAK120	967+12.79	64.54' LT	861.34	130710.61	169943.32
OAK120A	967+12.79	68.10' LT	861.41	130704.61	169943.26
OAK121	967+10.79	61.97' LT	861.13	130704.52	169951.31
OAK121A	967+12.77	64.23' LT	861.34	130704.54	169948.31
OAK122	967+12.79	77.39' LT	862.12	130710.77	169928.32
OAK123	967+12.79	80.39' LT	862.32	130704.77	169928.26
OAK201	966+88.21	47.24' LT	861.05	130696.99	169977.20
OAK202	966+88.44	47.05' LT	861.04	130697.28	169977.19
OAK203	966+92.66	41.42' LT	860.63	130704.16	169978.71
OAK204	966+94.10	35.49' LT	860.56	130709.11	169982.28
OAK205	966+90.81	39.33' LT	860.58	130704.12	169981.51
OAK206	966+87.69	35.79' LT	860.58	130704.06	169986.23
OAK207	966+91.44	32.48' LT	860.50	130709.06	169986.29
OAK208	966+86.43	26.80' LT	860.54	130708.96	169993.86
OAK209	966+85.06	32.80' LT	860.60	130704.00	169990.21
OAK210	966+93.16	29.17' LT	860.45	130712.51	169987.68
OAK211	966+84.04	19.62' LT	860.23	130711.82	170000.87
OAK212	966+78.04	18.39' LT	860.14	130708.07	170005.72
OAK213	966+77.83	18.39' LT	860.14	130707.92	170005.85
OAK214	966+71.80	18.37' LT	860.10	130703.35	170009.80
OAK215	966+78.04	20.89' LT	860.10	130706.45	170003.81

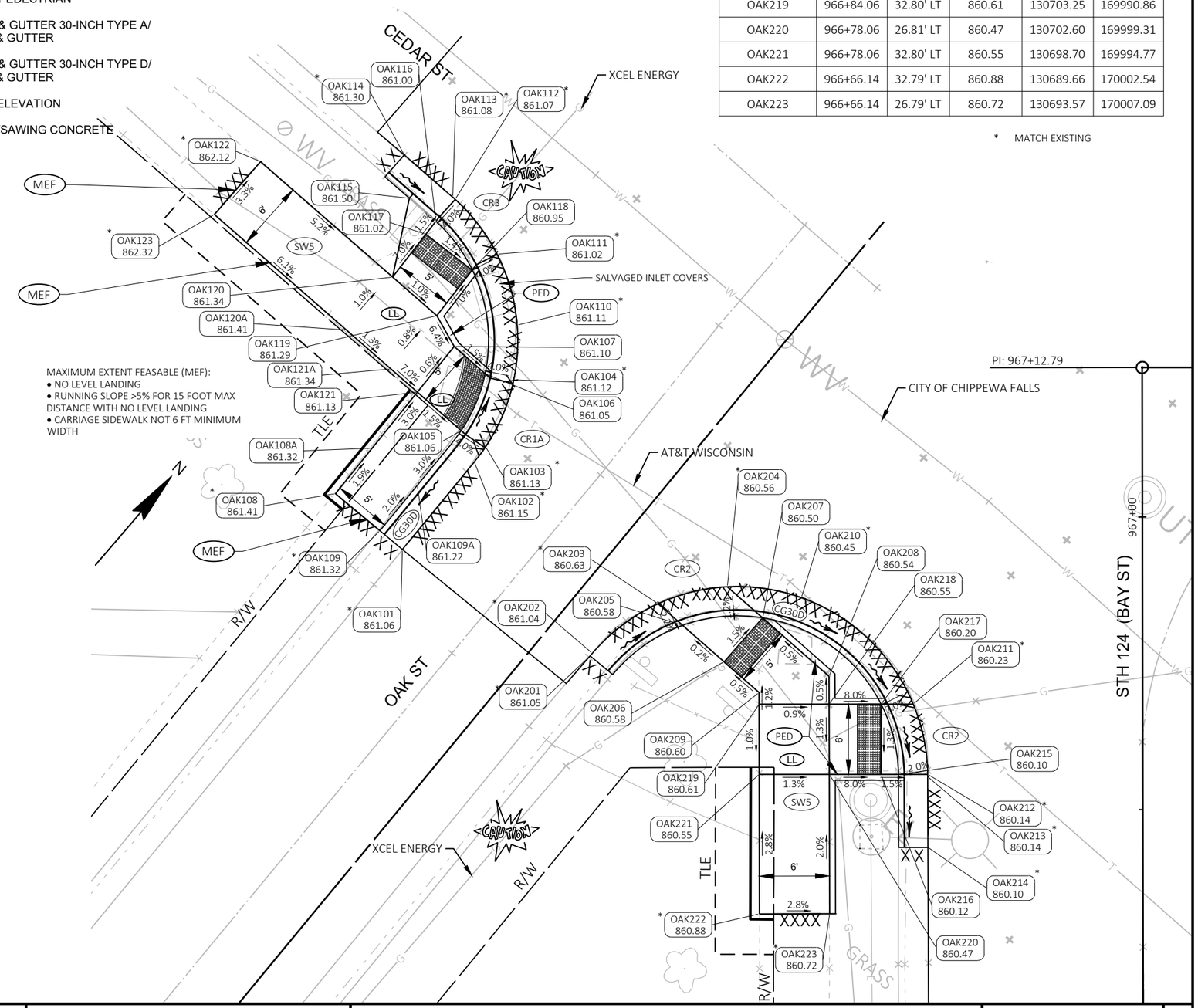
LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

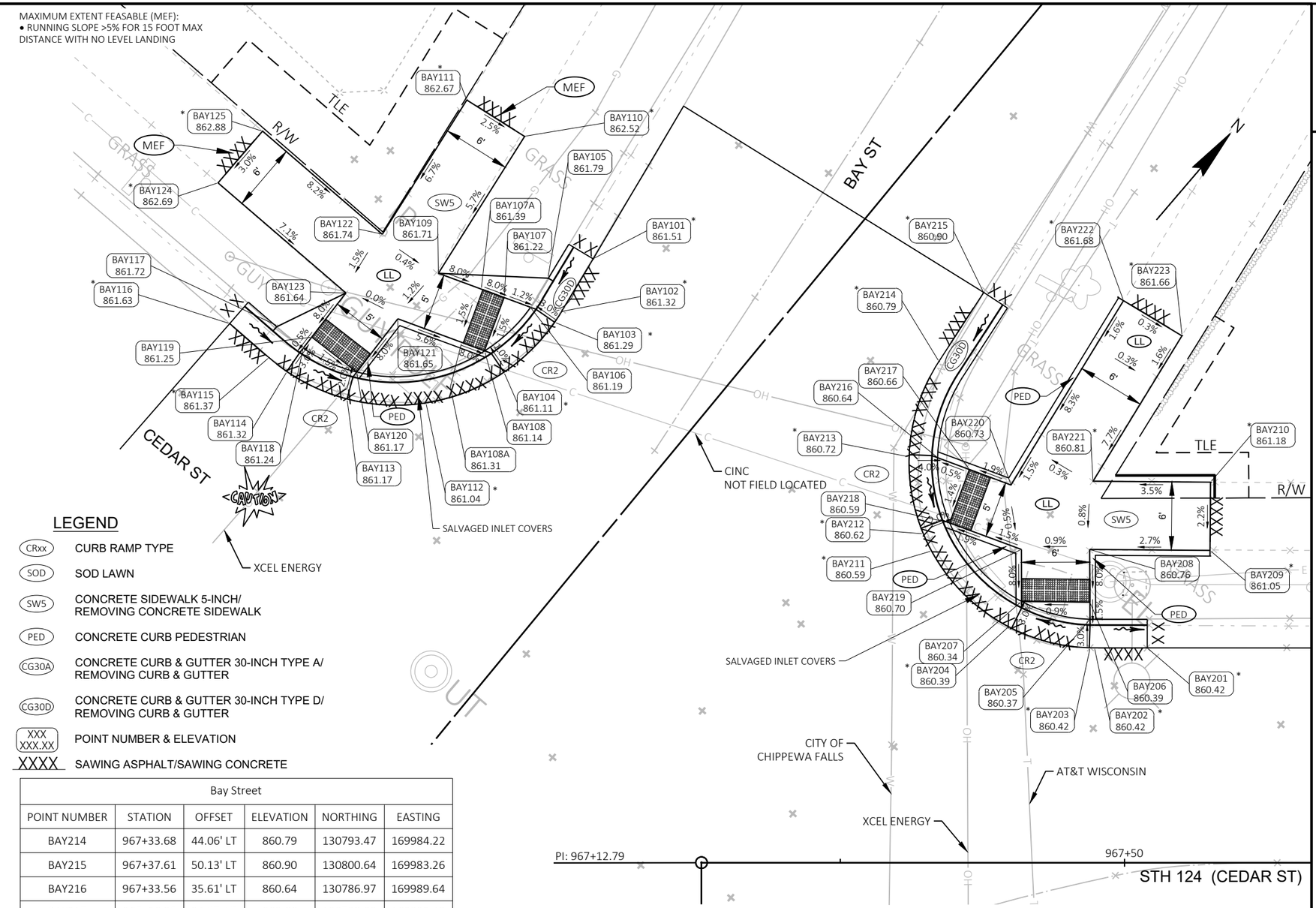
Oak Street					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
OAK216	966+78.05	22.39' LT	860.12	130705.47	170002.67
OAK217	966+84.05	22.37' LT	860.20	130710.03	169998.78
OAK218	966+84.06	26.80' LT	860.55	130707.16	169995.41
OAK219	966+84.06	32.80' LT	860.61	130703.25	169990.86
OAK220	966+78.06	26.81' LT	860.47	130702.60	169999.31
OAK221	966+78.06	32.80' LT	860.55	130698.70	169994.77
OAK222	966+66.14	32.79' LT	860.88	130689.66	170002.54
OAK223	966+66.14	26.79' LT	860.72	130693.57	170007.09

* MATCH EXISTING



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 53	E

Bay Street					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BAY101	967+12.79	53.94' LT	861.51	130780.55	169955.25
BAY102	967+12.79	50.00' LT	861.32	130775.23	169956.15
BAY103	967+12.79	49.24' LT	861.29	130774.11	169956.30
BAY104	967+12.79	46.49' LT	861.11	130767.87	169955.77
BAY105	967+12.79	53.15' LT	861.79	130776.69	169953.33
BAY106	967+12.79	51.10' LT	861.19	130773.73	169953.83
BAY107	967+12.79	52.63' LT	861.22	130772.88	169951.53
BAY107A	967+12.79	54.03' LT	861.39	130772.13	169949.50
BAY108	967+12.79	48.87' LT	861.14	130768.19	169953.26
BAY108A	967+12.79	50.39' LT	861.31	130767.44	169951.22
BAY109	967+12.79	56.76' LT	861.71	130770.74	169945.73
BAY110	967+12.79	65.73' LT	862.52	130784.80	169943.66
BAY111	967+12.79	70.16' LT	862.67	130783.93	169937.73
BAY112	967+12.79	47.13' LT	861.04	130761.38	169952.32
BAY113	967+12.79	51.31' LT	861.17	130757.12	169946.83
BAY114	967+12.79	56.51' LT	861.32	130755.51	169941.24
BAY115	967+12.79	58.46' LT	861.37	130755.41	169939.25
BAY116	967+12.79	63.00' LT	861.63	130755.44	169934.67
BAY117	967+12.79	60.15' LT	861.72	130758.02	169938.00
BAY118	967+12.79	57.21' LT	861.24	130757.99	169940.99
BAY119	967+12.79	57.52' LT	861.25	130759.22	169940.93
BAY120	967+12.79	52.73' LT	861.17	130759.46	169945.93
BAY121	967+12.79	54.76' LT	861.65	130765.37	169945.64
BAY122	967+12.79	61.98' LT	861.74	130770.14	169939.76
BAY123	967+12.79	59.04' LT	861.64	130764.14	169940.69
BAY124	967+12.79	73.35' LT	862.69	130764.16	169925.85
BAY125	967+12.79	75.01' LT	862.88	130770.16	169925.86
BAY201	967+52.01	18.88' LT	860.42	130786.26	170014.52
BAY202	967+47.35	18.90' LT	860.42	130783.25	170010.98
BAY203	967+46.97	18.90' LT	860.42	130783.00	170010.69
BAY204	967+39.80	20.76' LT	860.39	130779.75	170004.03
BAY205	967+46.96	21.40' LT	860.37	130784.90	170009.05
BAY206	967+46.95	22.91' LT	860.39	130786.04	170008.07
BAY207	967+40.95	22.97' LT	860.34	130782.18	170003.47
BAY208	967+46.94	27.54' LT	860.76	130789.54	170005.04
BAY209	967+57.52	27.46' LT	861.05	130796.37	170013.14
BAY210	967+57.57	33.46' LT	861.18	130800.95	170009.27
BAY211	967+33.03	27.41' LT	860.59	130780.41	169994.56
BAY212	967+32.31	28.92' LT	860.62	130781.08	169993.03
BAY213	967+31.06	35.68' LT	860.72	130785.40	169987.69



LEGEND

- (CRxx) CURB RAMP TYPE
- (SOD) SOD LAWN
- (SW5) CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- (CG30D) CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- (XXX / XXX.XX) POINT NUMBER & ELEVATION
- XXXX SAWING ASPHALT/SAWING CONCRETE

Bay Street					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BAY214	967+33.68	44.06' LT	860.79	130793.47	169984.22
BAY215	967+37.61	50.13' LT	860.90	130800.64	169983.26
BAY216	967+33.56	35.61' LT	860.64	130786.97	169989.64
BAY217	967+36.35	34.57' LT	860.66	130788.00	169992.43
BAY218	967+34.62	29.88' LT	860.59	130783.31	169994.16
BAY219	967+40.94	27.55' LT	860.70	130785.65	170000.48
BAY220	967+40.03	33.22' LT	860.73	130789.36	169996.10
BAY221	967+47.23	33.54' LT	860.81	130794.29	170001.36
BAY222	967+49.91	49.42' LT	861.68	130808.10	169993.07
BAY223	967+55.06	46.33' LT	861.66	130809.10	169998.99

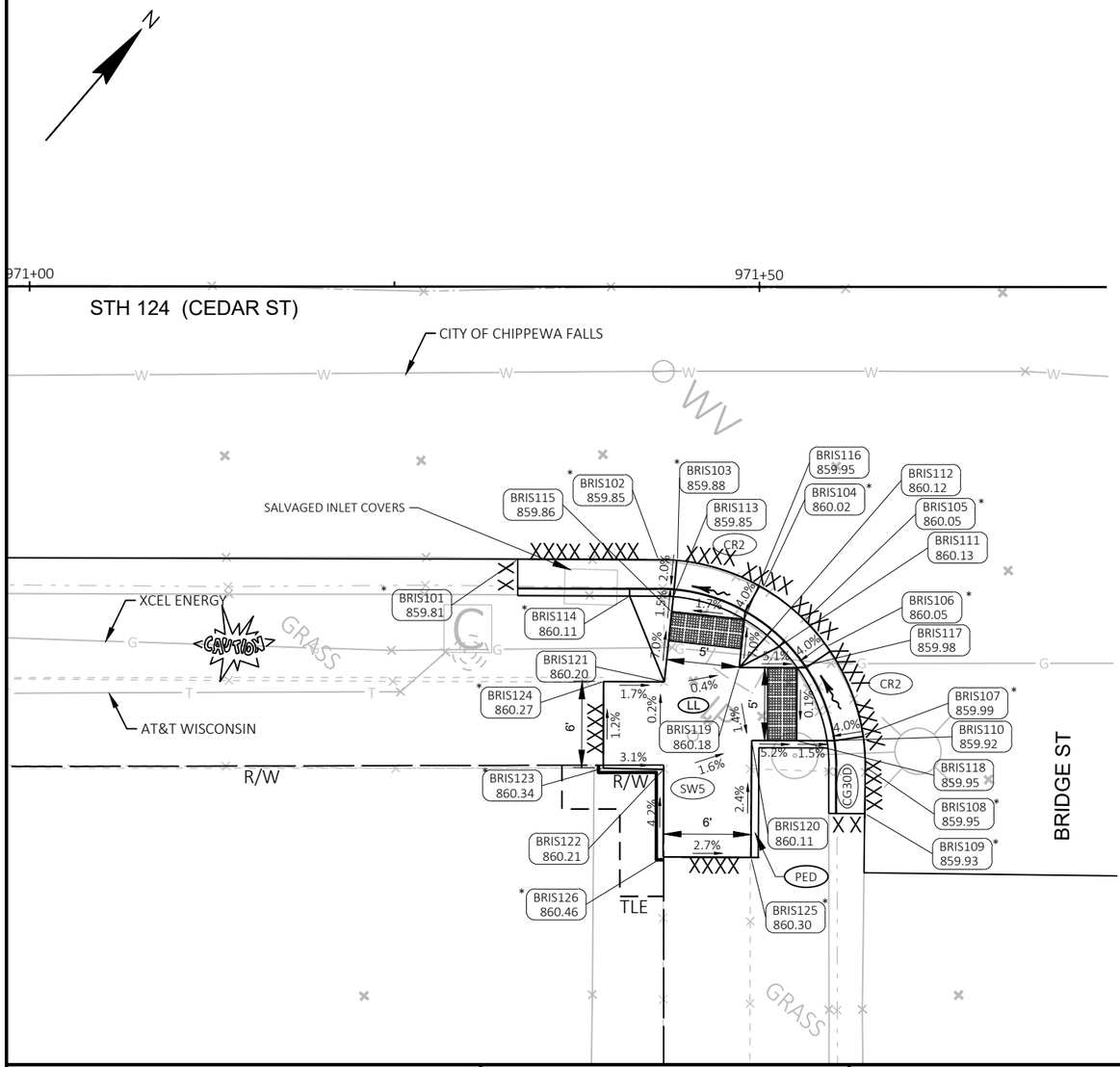
* MATCH EXISTING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

LEGEND

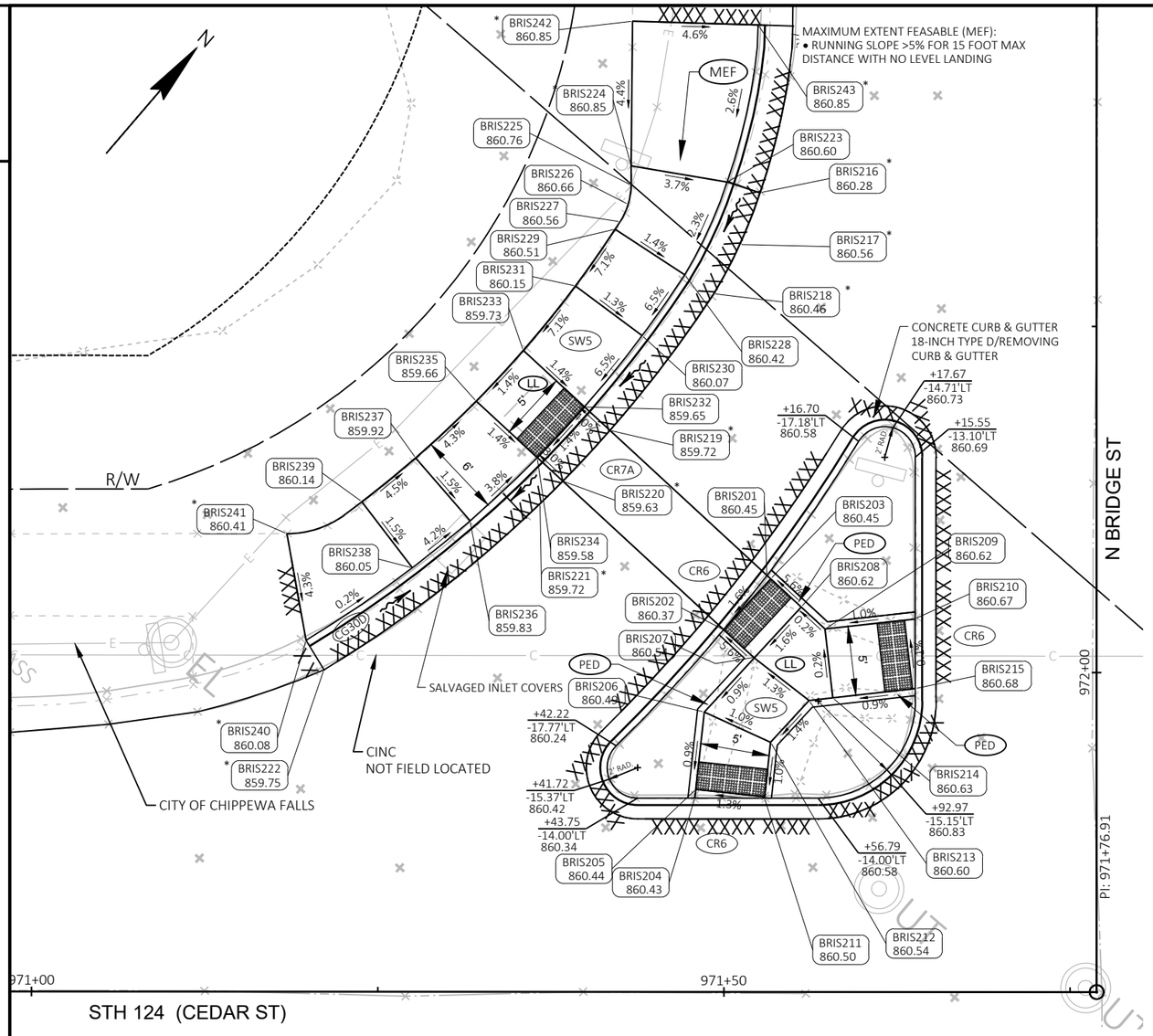
- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



Bridge Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BRIS101	971+33.46	18.67' RT	859.81	131005.84	170328.70
BRIS102	971+43.10	18.69' RT	859.85	131012.09	170336.03
BRIS103	971+44.39	18.75' RT	859.88	131012.89	170337.05
BRIS104	971+50.25	20.64' RT	860.02	131015.27	170342.73
BRIS105	971+53.12	22.86' RT	860.05	131015.45	170346.35
BRIS106	971+54.63	24.63' RT	860.05	131015.08	170348.65
BRIS107	971+57.11	30.70' RT	859.99	131012.08	170354.49
BRIS108	971+57.28	32.88' RT	859.95	131010.53	170356.03
BRIS109	971+57.28	36.09' RT	859.93	131008.10	170358.12
BRIS110	971+54.64	31.09' RT	859.92	131010.18	170352.86
BRIS111	971+51.37	24.63' RT	860.13	131012.95	170346.18
BRIS112	971+50.54	23.88' RT	860.12	131012.99	170345.06
BRIS113	971+44.13	21.24' RT	859.85	131010.83	170338.47
BRIS114	971+41.13	21.19' RT	860.11	131008.91	170336.16
BRIS115	971+44.02	22.26' RT	859.86	131009.98	170339.05
BRIS116	971+48.99	22.79' RT	859.95	131012.81	170343.17
BRIS117	971+52.59	26.08' RT	859.98	131012.65	170348.05
BRIS118	971+52.58	31.08' RT	859.95	131008.84	170351.29
BRIS119	971+48.64	26.07' RT	860.18	131010.09	170345.04
BRIS120	971+49.50	31.07' RT	860.11	131006.85	170348.94
BRIS121	971+43.51	27.05' RT	860.20	131006.00	170341.78
BRIS122	971+43.47	33.05' RT	860.21	131001.42	170345.65
BRIS123	971+39.33	32.98' RT	860.34	130998.79	170342.46
BRIS124	971+39.35	27.04' RT	860.27	131003.31	170338.61
BRIS125	971+49.45	39.09' RT	860.30	131000.73	170354.12
BRIS126	971+43.44	39.05' RT	860.46	130996.85	170349.54

* MATCH EXISTING



Cedar Street East					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BRIS201	972+07.01	23.80' LT	860.45	131055.64	170311.90
BRIS202	971+49.97	26.16' LT	860.37	131050.63	170312.07
BRIS203	972+06.77	23.53' LT	860.45	131055.63	170312.26
BRIS204	971+47.90	14.00' LT	860.43	131040.05	170318.41
BRIS205	971+47.97	14.63' LT	860.44	131040.57	170318.05
BRIS206	971+48.56	20.22' LT	860.49	131045.20	170314.88
BRIS207	971+52.17	24.13' LT	860.54	131050.52	170315.07
BRIS208	972+04.73	21.33' LT	860.62	131055.52	170315.25
BRIS209	972+03.14	19.60' LT	860.62	131055.43	170317.60
BRIS210	972+03.87	13.10' LT	860.67	131060.22	170322.06
BRIS211	971+52.93	14.00' LT	860.50	131043.32	170322.23
BRIS212	971+53.36	18.04' LT	860.54	131046.67	170319.93
BRIS213	971+97.98	20.76' LT	860.60	131050.76	170320.08
BRIS214	971+98.17	19.04' LT	860.63	131052.02	170321.26
BRIS215	971+98.84	13.10' LT	860.68	131056.40	170325.34
BRIS216	972+34.65	24.31' LT	860.28	131076.29	170293.52
BRIS217	972+30.91	25.76' LT	860.56	131072.50	170294.85
BRIS218	972+27.37	27.64' LT	860.46	131068.59	170295.73
BRIS219	972+17.49	35.14' LT	859.72	131056.21	170296.47
BRIS220	971+38.34	36.88' LT	859.63	131051.21	170296.27
BRIS221	971+36.70	35.26' LT	859.72	131048.91	170296.08
BRIS222	971+21.10	23.25' LT	859.75	131029.64	170292.05
BRIS223	972+35.42	26.69' LT	860.60	131075.33	170291.21
BRIS224	972+36.60	33.60' LT	860.85	131071.72	170285.20
BRIS225	972+35.20	33.61' LT	860.76	131070.65	170286.09
BRIS226	972+33.82	33.82' LT	860.66	131069.46	170286.83
BRIS227	972+32.55	34.41' LT	860.56	131068.12	170287.22
BRIS228	972+28.73	29.73' LT	860.42	131068.26	170293.25
BRIS229	972+32.02	34.76' LT	860.51	131067.49	170287.30
BRIS230	972+24.33	32.82' LT	860.07	131062.91	170293.78
BRIS231	972+27.92	37.62' LT	860.15	131062.51	170287.79
BRIS232	972+19.18	36.98' LT	859.65	131056.30	170293.97
BRIS233	972+23.25	41.39' LT	859.73	131056.52	170287.97
BRIS234	971+36.48	38.57' LT	859.58	131051.28	170293.77
BRIS235	971+32.08	42.65' LT	859.66	131051.52	170287.77
BRIS236	971+31.65	34.02' LT	859.83	131044.68	170293.05
BRIS237	971+27.71	38.54' LT	859.92	131045.56	170287.11
BRIS238	971+27.48	30.62' LT	860.05	131039.39	170292.10
BRIS239	971+23.84	35.38' LT	860.14	131040.64	170286.23
BRIS240	971+19.81	25.39' LT	860.08	131030.42	170289.67
BRIS241	971+18.41	33.08' LT	860.41	131035.36	170283.61
BRIS242	972+47.04	33.50' LT	860.85	131079.70	170278.47
BRIS243	972+46.77	24.45' LT	860.85	131085.40	170285.52

LEGEND

- (CRxx) CURB RAMP TYPE
- (SOD) SOD LAWN
- (SW5) CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- (CG30D) CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- (XXX / XXX.XX) POINT NUMBER & ELEVATION
- XXXX SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Bridge Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BRIN101	971+76.91	41.41' RT	860.24	131049.16	170390.96
BRIN102	971+76.91	39.58' RT	860.03	131056.25	170388.32
BRIN103	971+76.91	38.15' RT	860.03	131055.16	170387.08
BRIN104	971+76.91	37.21' RT	860.04	131054.39	170386.26
BRIN105	971+76.91	33.46' RT	860.09	131049.29	170383.01
BRIN106	971+76.91	32.69' RT	860.13	131045.14	170382.09
BRIN107	971+76.91	32.93' RT	860.15	131043.18	170382.09
BRIN108	971+76.91	36.07' RT	860.24	131037.08	170383.84
BRIN109	971+76.91	38.60' RT	860.27	131034.51	170385.61
BRIN110	971+76.91	44.56' RT	860.24	131029.47	170389.95
BRIN111	971+76.91	42.69' RT	860.55	131033.64	170389.66
BRIN112	971+76.91	37.76' RT	860.17	131038.36	170385.99
BRIN113	971+76.91	39.15' RT	860.19	131039.91	170387.80
BRIN114	971+76.91	35.30' RT	860.12	131043.72	170384.56
BRIN115	971+76.91	35.19' RT	860.21	131045.42	170384.63
BRIN116	971+76.91	35.29' RT	860.21	131046.51	170384.80
BRIN117	971+76.91	35.69' RT	860.06	131048.15	170385.25
BRIN118	971+76.91	39.62' RT	860.03	131051.39	170389.05
BRIN119	971+76.91	37.68' RT	860.26	131045.93	170387.16
BRIN120	971+76.91	41.30' RT	860.33	131042.12	170390.40
BRIN121	971+76.91	46.15' RT	860.40	131043.85	170395.49
BRIN122	971+76.91	49.85' RT	860.47	131027.55	170394.89
BRIN123	971+76.91	52.68' RT	860.69	131031.48	170399.49
BRIN124	971+76.91	55.41' RT	860.87	131034.73	170403.29
BRIN125	971+76.91	44.74' RT	860.37	131045.35	170394.20
BRIN126	971+76.91	42.04' RT	860.30	131048.42	170391.60
BRIN127	971+76.91	50.34' RT	860.65	131047.67	170399.89
BRIN128	971+76.91	46.57' RT	860.54	131052.20	170395.96
BRIN129	971+76.91	50.69' RT	860.74	131055.48	170399.73
BRIN130	971+76.91	54.18' RT	860.87	131050.95	170403.67
BRIN201	972+09.73	18.48' RT	860.14	131085.22	170342.22
BRIN202	972+09.55	18.48' RT	860.14	131085.09	170342.33

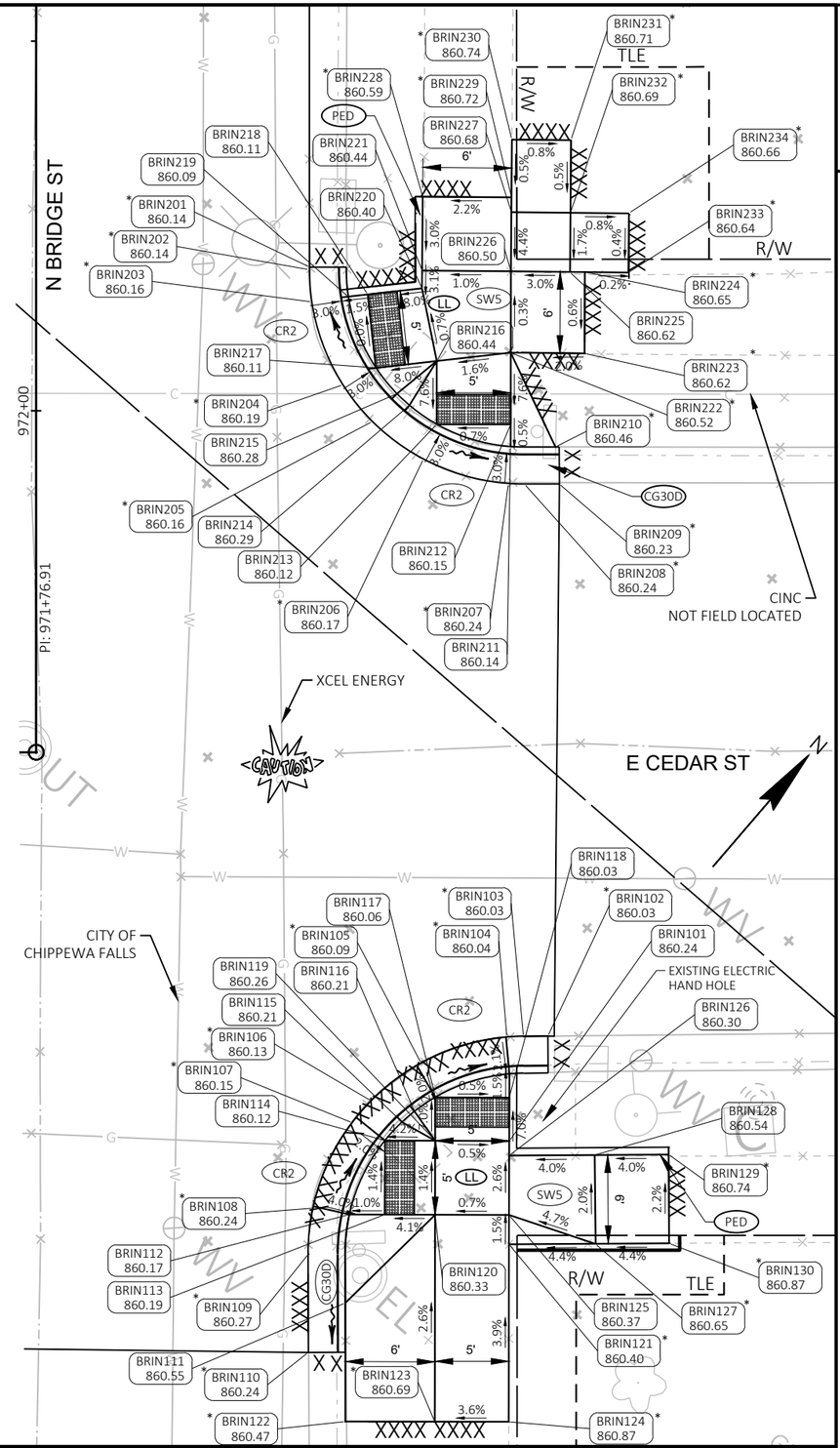
Bridge Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BRIN203	972+07.37	18.64' RT	860.16	131083.54	170343.88
BRIN204	972+01.77	20.74' RT	860.19	131080.65	170349.12
BRIN205	971+99.28	22.74' RT	860.16	131080.07	170352.26
BRIN206	971+96.75	26.21' RT	860.17	131080.40	170356.53
BRIN207	971+95.09	31.95' RT	860.24	131082.88	170361.97
BRIN208	971+95.05	33.03' RT	860.24	131083.55	170362.82
BRIN209	971+95.06	35.39' RT	860.23	131085.10	170364.61
BRIN210	971+97.56	35.13' RT	860.46	131086.83	170362.78
BRIN211	971+97.59	32.09' RT	860.14	131084.87	170360.46
BRIN212	971+99.09	32.09' RT	860.15	131086.01	170359.49
BRIN213	971+99.09	27.09' RT	860.12	131082.76	170355.68
BRIN214	972+00.37	25.25' RT	860.29	131082.53	170353.45
BRIN215	972+01.16	24.40' RT	860.28	131082.57	170352.29
BRIN216	972+03.37	27.10' RT	860.44	131086.01	170352.91
BRIN217	972+02.91	22.98' RT	860.11	131082.98	170350.08
BRIN218	972+07.87	22.43' RT	860.11	131086.38	170346.43
BRIN219	972+07.73	21.12' RT	860.09	131085.42	170345.53
BRIN220	972+08.29	26.11' RT	860.40	131089.09	170348.95
BRIN221	972+09.48	26.11' RT	860.44	131090.00	170348.18
BRIN222	972+03.93	32.10' RT	860.52	131089.69	170356.34
BRIN223	972+03.89	37.10' RT	860.62	131092.91	170360.16
BRIN224	972+09.39	37.11' RT	860.65	131097.09	170356.59
BRIN225	972+09.40	36.09' RT	860.62	131096.43	170355.80
BRIN226	972+09.43	32.12' RT	860.50	131093.88	170352.77
BRIN227	972+13.43	32.15' RT	860.68	131096.93	170350.19
BRIN228	972+14.48	26.15' RT	860.59	131093.82	170344.95
BRIN229	972+14.43	32.15' RT	860.72	131097.69	170349.54
BRIN230	972+18.34	32.18' RT	860.74	131100.68	170347.02
BRIN231	972+18.31	36.18' RT	860.71	131103.26	170350.07
BRIN232	972+13.40	36.15' RT	860.69	131099.51	170353.24
BRIN233	972+09.36	40.06' RT	860.64	131098.99	170358.85
BRIN234	972+13.36	40.10' RT	860.66	131102.05	170356.27

LEGEND

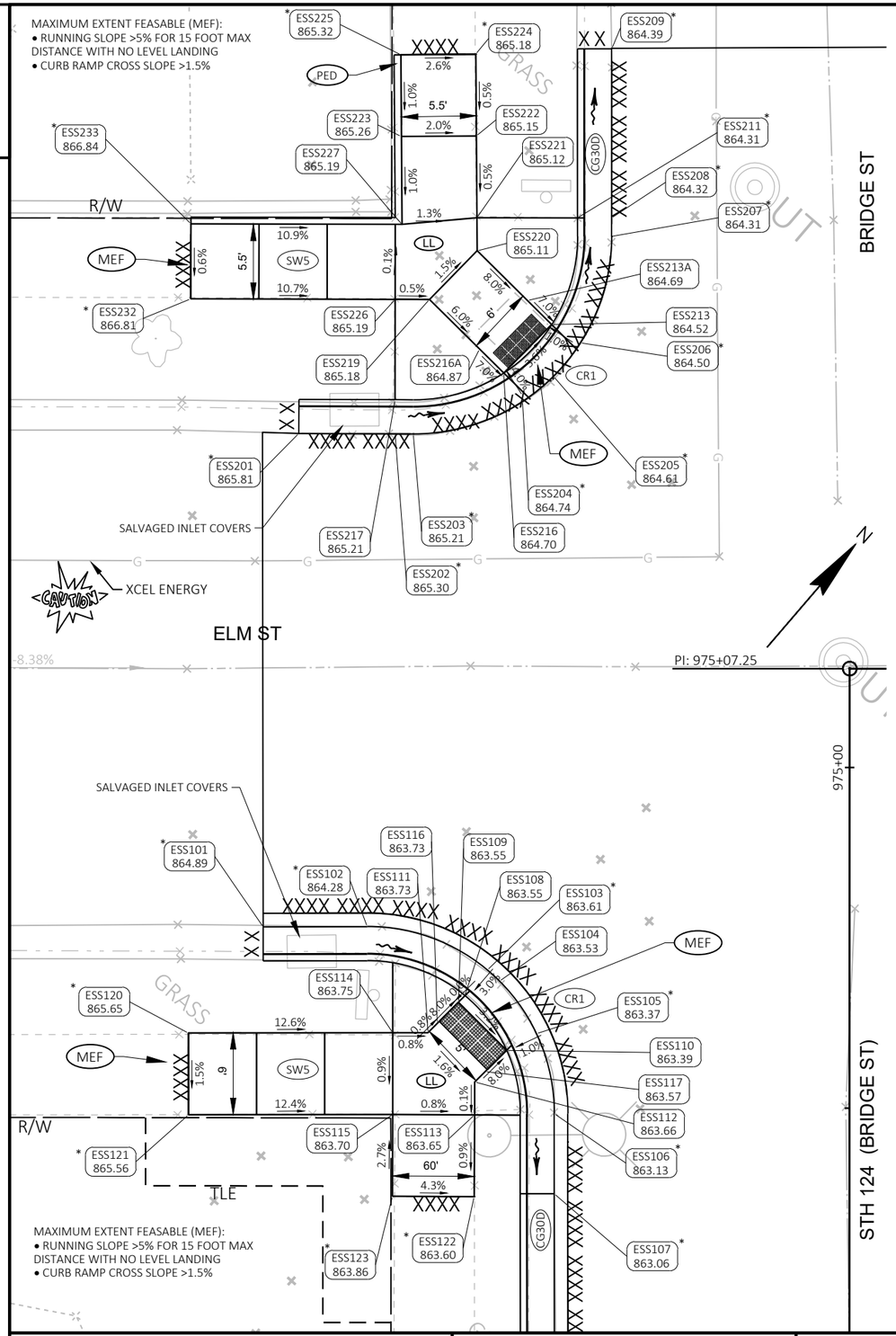
- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

* MATCH EXISTING



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 57	E



Elm Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
ESS101	974+88.30	43.05' LT	864.89	131256.63	170114.17
ESS102	974+88.32	35.41' LT	864.28	131261.62	170119.96
ESS103	974+85.13	26.60' LT	863.61	131264.94	170128.72
ESS104	974+84.31	25.70' LT	863.53	131264.90	170129.95
ESS105	974+80.46	22.99' LT	863.37	131263.74	170134.50
ESS106	974+74.60	21.68' LT	863.13	131260.15	170139.31
ESS107	974+68.71	21.69' LT	863.06	131255.67	170143.14
ESS108	974+83.24	28.24' LT	863.55	131262.44	170128.71
ESS109	974+82.78	28.70' LT	863.55	131261.78	170128.66
ESS110	974+79.23	25.18' LT	863.39	131261.39	170133.64
ESS111	974+80.54	30.94' LT	863.73	131258.62	170128.42
ESS112	974+76.92	27.51' LT	863.66	131258.11	170133.38
ESS113	974+74.50	27.53' LT	863.65	131256.27	170134.94
ESS114	974+80.53	33.53' LT	863.75	131256.93	170126.45
ESS115	974+74.53	33.53' LT	863.70	131252.38	170130.37
ESS116	974+81.21	30.27' LT	863.73	131259.58	170128.49
ESS117	974+77.68	26.74' LT	863.57	131259.19	170133.47
ESS120	974+80.51	48.53' LT	865.65	131247.15	170115.08
ESS121	974+74.51	48.53' LT	865.56	131242.60	170118.99
ESS122	974+68.50	27.56' LT	863.60	131251.69	170138.82
ESS123	974+68.53	33.56' LT	863.86	131247.81	170134.25
ESS201	975+07.25	43.96' LT	865.81	131285.83	170092.59
ESS202	975+07.25	37.55' LT	865.30	131290.41	170097.98
ESS203	975+07.25	36.37' LT	865.21	131291.27	170098.99
ESS204	975+07.25	31.01' LT	864.74	131298.29	170103.52
ESS205	975+07.25	30.55' LT	864.61	131301.17	170104.05
ESS206	975+07.25	31.02' LT	864.50	131304.32	170103.95
ESS207	975+07.25	36.22' LT	864.31	131311.75	170100.60
ESS208	975+07.25	37.40' LT	864.32	131312.77	170099.73
ESS209	975+07.25	48.72' LT	864.39	131322.21	170091.66

* MATCH EXISTING

Elm Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
ESS211	975+07.25	38.64' LT	864.31	131311.14	170097.83
ESS213	975+07.25	33.41' LT	864.52	131303.97	170101.48
ESS213A	975+07.25	35.90' LT	864.69	131304.15	170098.98
ESS216	975+07.25	33.40' LT	864.70	131298.99	170101.12
ESS216A	975+07.25	35.89' LT	864.87	131299.16	170098.63
ESS217	975+07.25	38.76' LT	865.21	131292.30	170096.35
ESS219	975+07.25	41.06' LT	865.18	131299.53	170093.47
ESS220	975+07.25	41.09' LT	865.11	131304.52	170093.80
ESS221	975+07.25	42.94' LT	865.12	131306.35	170092.21
ESS222	975+07.25	47.74' LT	865.15	131310.87	170088.27
ESS223	975+07.25	51.07' LT	865.26	131307.26	170084.12
ESS224	975+07.25	52.79' LT	865.18	131315.40	170084.33
ESS225	975+07.25	55.81' LT	865.32	131311.79	170080.18
ESS226	975+07.25	42.98' LT	865.19	131297.90	170091.55
ESS227	975+07.25	46.29' LT	865.19	131302.40	170088.35
ESS232	975+07.25	55.45' LT	866.81	131288.16	170080.15
ESS233	975+07.25	58.33' LT	866.84	131292.34	170076.57

LEGEND

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Elm Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
ESN101	974+71.84	18.61' RT	862.60	131284.28	170171.69
ESN102	974+73.71	18.61' RT	862.62	131285.70	170170.48
ESN103	974+74.91	18.67' RT	862.63	131286.65	170169.74
ESN104	974+79.91	20.00' RT	862.73	131291.31	170167.50
ESN105	974+84.07	22.92' RT	862.75	131296.37	170167.01
ESN106	975+33.53	20.67' RT	862.75	131300.47	170167.93
ESN107	975+39.53	18.88' RT	862.73	131305.73	170171.32
ESN108	975+40.53	18.88' RT	862.72	131306.38	170172.08
ESN109	975+43.08	18.88' RT	862.70	131308.04	170174.01
ESN110	975+39.53	21.42' RT	862.66	131303.80	170172.97
ESN111	975+39.53	23.60' RT	862.69	131302.15	170174.39
ESN112	975+33.53	23.60' RT	862.71	131298.24	170169.84
ESN113	974+82.36	24.76' RT	862.85	131296.27	170169.51
ESN114	974+81.54	23.99' RT	862.85	131295.14	170169.47
ESN115	974+74.91	21.18' RT	862.61	131288.28	170171.64
ESN116	974+74.91	22.83' RT	862.63	131289.36	170172.90
ESN117	974+79.91	22.83' RT	862.66	131293.15	170169.65
ESN118	974+79.91	26.29' RT	862.90	131295.41	170172.27
ESN119	974+74.91	26.29' RT	862.87	131291.61	170175.53
ESN120	975+39.53	26.69' RT	862.85	131299.81	170176.40
ESN121	974+74.56	32.29' RT	862.92	131295.25	170180.31
ESN122	975+44.53	26.69' RT	862.88	131303.05	170180.20
ESN123	975+44.50	32.68' RT	863.06	131298.49	170184.08
ESN124	975+49.50	32.67' RT	863.20	131301.75	170187.87
ESN125	975+49.53	26.70' RT	862.92	131306.30	170184.00
ESN126	974+69.58	32.30' RT	863.01	131291.47	170183.55
ESN127	974+69.58	26.30' RT	862.93	131287.57	170179.00
ESN128	974+64.58	26.30' RT	862.99	131283.77	170182.26
ESN129	974+64.58	32.30' RT	863.11	131287.68	170186.81
ESN201	975+23.65	41.83' LT	862.72	131341.47	170119.74

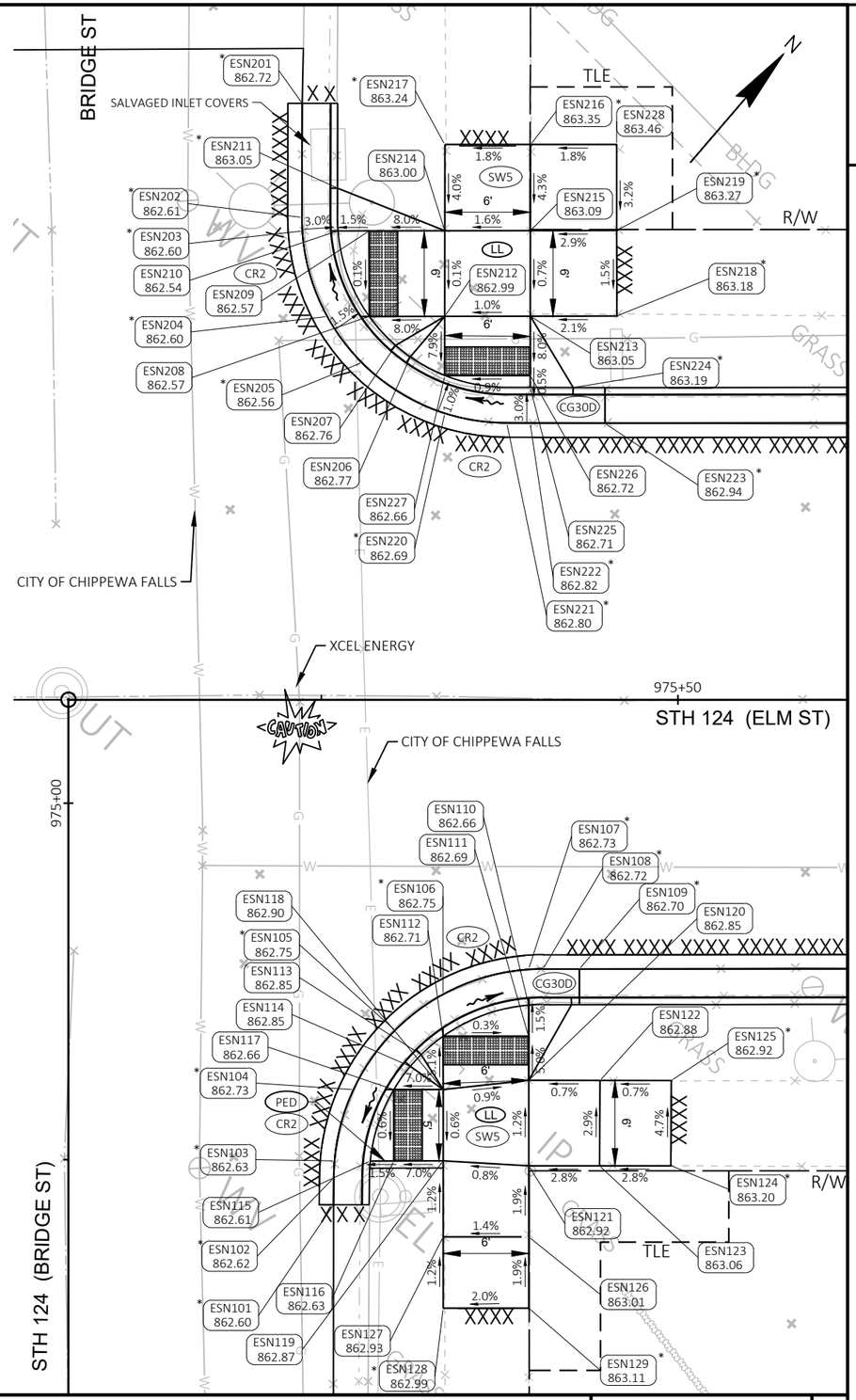
Elm Street North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
ESN202	975+23.63	33.83' LT	862.61	131335.39	170124.93
ESN203	975+23.66	32.87' LT	862.60	131334.68	170125.58
ESN204	975+25.41	26.88' LT	862.60	131331.27	170130.81
ESN205	975+27.83	23.65' LT	862.56	131330.39	170134.75
ESN206	975+31.23	24.04' LT	862.77	131332.90	170137.08
ESN207	975+30.20	24.85' LT	862.76	131332.84	170135.76
ESN208	975+28.35	26.88' LT	862.57	131333.19	170133.04
ESN209	975+28.34	32.88' LT	862.57	131337.74	170129.13
ESN210	975+26.14	32.88' LT	862.54	131336.30	170127.46
ESN211	975+26.13	35.88' LT	863.05	131338.57	170125.50
ESN212	975+33.65	26.91' LT	862.99	131336.65	170137.05
ESN213	975+39.65	26.90' LT	863.05	131340.56	170141.60
ESN214	975+33.65	32.91' LT	863.00	131341.21	170133.14
ESN215	975+39.67	32.90' LT	863.09	131345.12	170137.71
ESN216	975+39.66	38.94' LT	863.35	131349.70	170133.77
ESN217	975+33.66	38.94' LT	863.24	131345.79	170129.22
ESN218	975+45.72	26.91' LT	863.18	131344.52	170146.20
ESN219	975+45.71	32.91' LT	863.27	131349.07	170142.29
ESN220	975+33.65	20.09' LT	862.69	131331.48	170141.48
ESN221	975+37.99	19.41' LT	862.80	131333.79	170145.23
ESN222	975+39.65	19.40' LT	862.82	131334.86	170146.48
ESN223	975+44.89	19.39' LT	862.94	131338.26	170150.47
ESN224	975+42.65	21.90' LT	863.19	131338.71	170147.14
ESN225	975+39.65	21.90' LT	862.71	131336.76	170144.86
ESN226	975+39.65	22.74' LT	862.72	131337.40	170144.31
ESN227	975+33.65	22.74' LT	862.66	131333.49	170139.76
ESN228	975+45.70	38.94' LT	863.46	131353.63	170138.36

* MATCH EXISTING

LEGEND

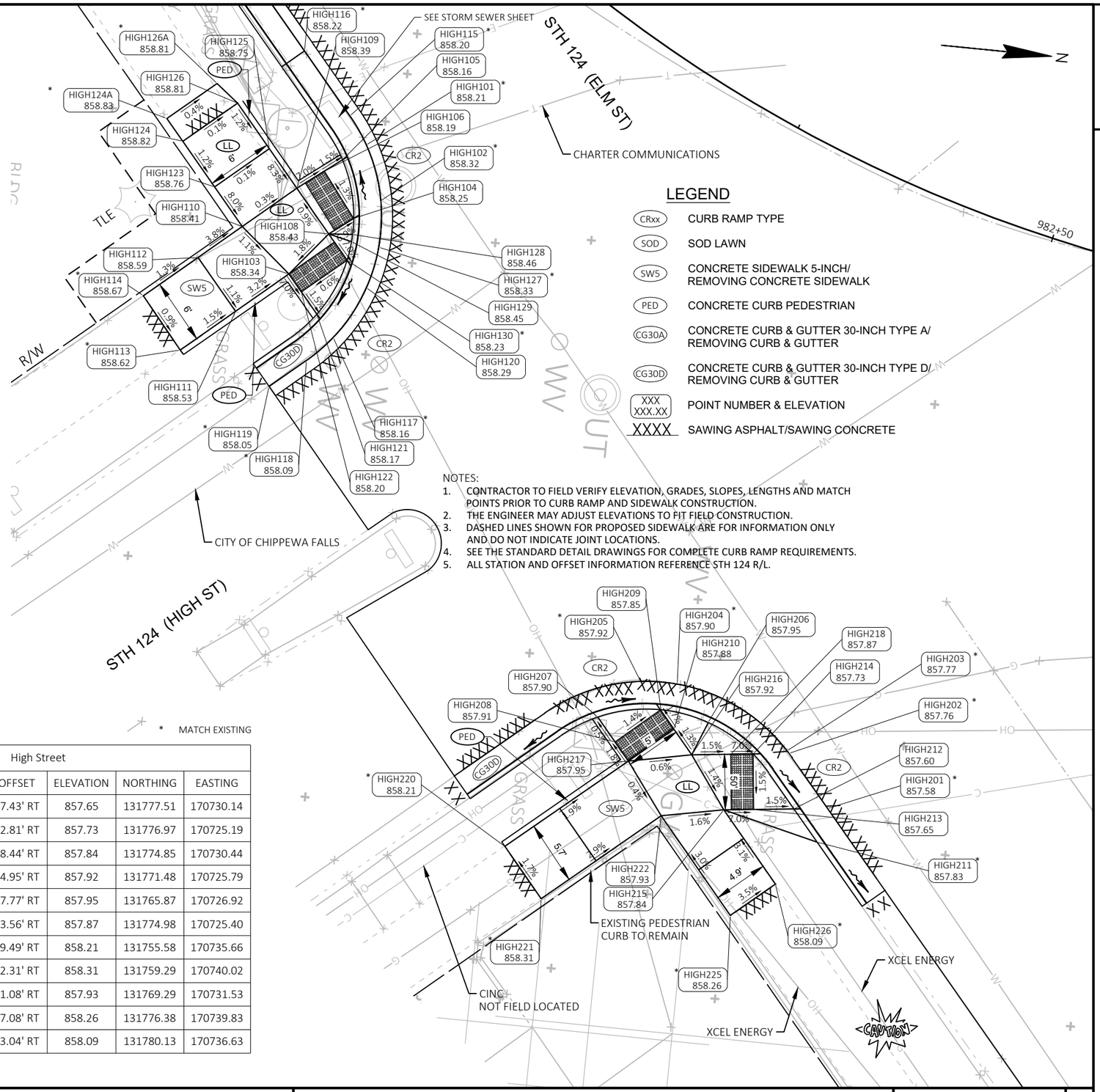
CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 59	E

High Street					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
HIGH101	981+96.48	23.62' RT	858.21	131736.90	170674.12
HIGH102	982+00.05	26.61' RT	858.32	131738.69	170678.98
HIGH103	981+98.34	36.96' RT	858.34	131731.12	170686.36
HIGH104	981+99.33	29.39' RT	858.25	131736.42	170680.80
HIGH105	981+95.87	26.05' RT	858.16	131734.90	170675.67
HIGH106	981+95.41	27.89' RT	858.19	131733.37	170676.84
HIGH108	981+98.66	31.91' RT	858.43	131734.31	170682.42
HIGH109	981+94.73	30.67' RT	858.39	131731.07	170678.61
HIGH110	981+93.65	36.52' RT	858.41	131726.52	170682.52
HIGH111	981+97.21	42.63' RT	858.53	131726.68	170690.17
HIGH112	981+92.83	41.26' RT	858.59	131722.83	170685.69
HIGH113	981+96.11	48.52' RT	858.62	131722.08	170694.13
HIGH114	981+91.88	47.13' RT	858.67	131718.28	170689.60
HIGH115	981+94.07	22.65' RT	858.20	131735.17	170671.67
HIGH116	981+88.07	21.20' RT	858.22	131730.53	170666.25
HIGH117	982+03.55	38.88' RT	858.16	131735.65	170691.64
HIGH118	982+03.07	41.99' RT	858.09	131733.46	170693.93
HIGH119	982+02.19	45.91' RT	858.05	131730.36	170696.60
HIGH120	982+03.23	33.53' RT	858.29	131738.17	170686.90
HIGH121	982+01.64	38.14' RT	858.17	131733.98	170689.69
HIGH122	981+99.83	37.48' RT	858.20	131732.41	170687.85
HIGH123	981+90.31	35.60' RT	858.76	131723.69	170679.22
HIGH124	981+86.42	34.69' RT	858.82	131720.44	170675.42
HIGH124A	981+84.46	34.28' RT	858.83	131718.81	170673.52
HIGH125	981+91.28	29.73' RT	858.75	131728.25	170675.32
HIGH126	981+87.26	28.78' RT	858.81	131725.00	170671.52
HIGH126A	981+85.16	28.85' RT	858.81	131722.99	170669.95
HIGH127	982+02.10	29.96' RT	858.33	131738.92	170683.15
HIGH128	982+00.03	30.57' RT	858.46	131736.47	170682.26
HIGH129	982+00.30	31.12' RT	858.45	131736.44	170682.91
HIGH130	982+00.90	32.67' RT	858.23	131736.20	170684.60
HIGH201	982+47.62	55.07' RT	857.58	131784.13	170729.39
HIGH202	982+44.09	51.59' RT	857.76	131780.17	170724.81
HIGH203	982+43.91	51.43' RT	857.77	131779.98	170724.59
HIGH204	982+35.63	49.66' RT	857.90	131769.56	170719.61
HIGH205	982+33.39	50.82' RT	857.92	131766.26	170719.70
HIGH206	982+38.48	51.72' RT	857.95	131772.67	170722.78
HIGH207	982+31.89	55.37' RT	857.90	131762.74	170723.27
HIGH208	982+33.55	56.72' RT	857.91	131764.51	170725.33
HIGH209	982+35.35	52.38' RT	857.85	131768.33	170722.06
HIGH210	982+36.63	53.49' RT	857.88	131769.68	170723.68
HIGH211	982+47.67	58.24' RT	857.83	131783.46	170732.49
HIGH212	982+45.62	56.12' RT	857.60	131781.12	170729.73



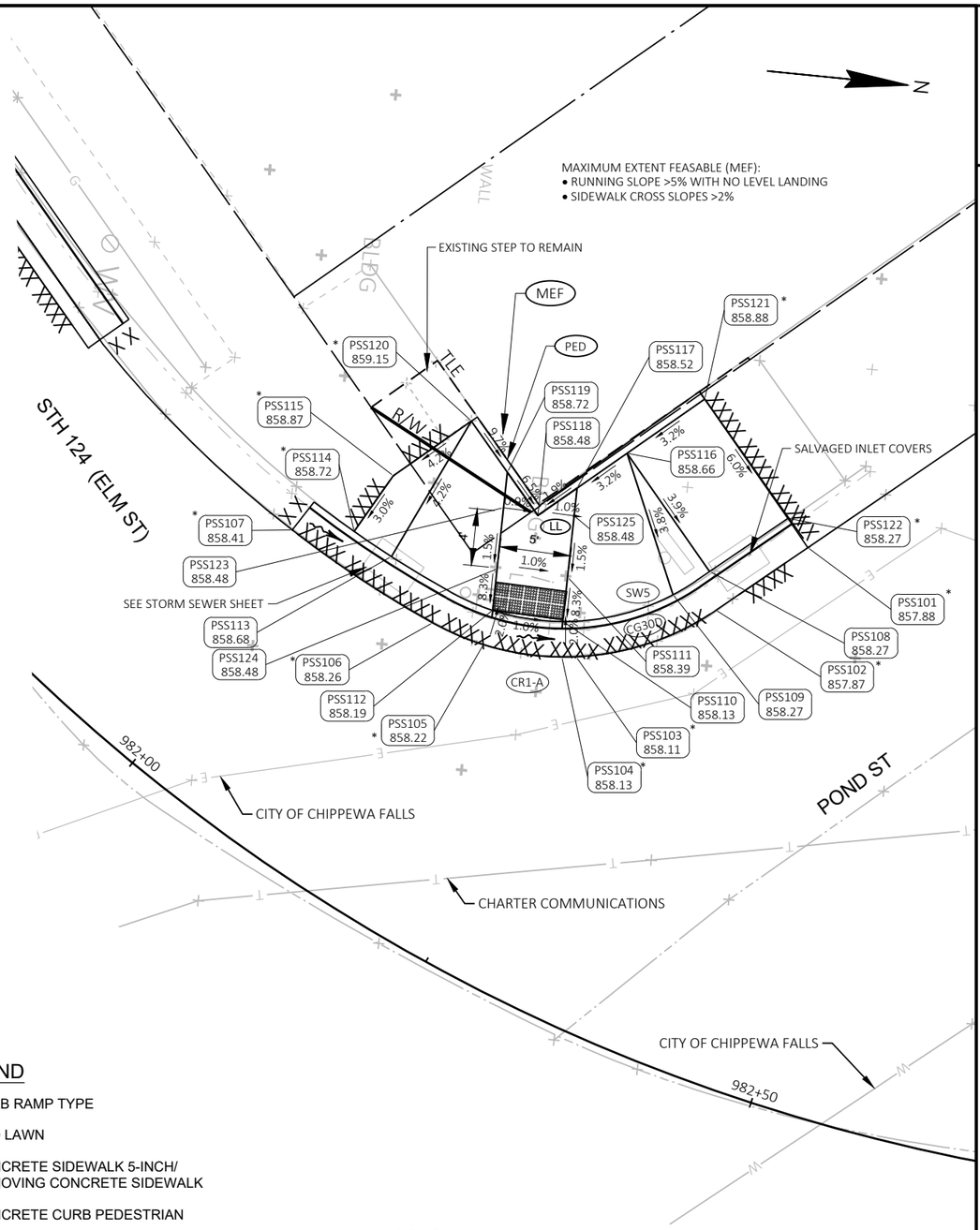
* MATCH EXISTING

High Street					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
HIGH213	982+43.25	57.43' RT	857.65	131777.51	170730.14
HIGH214	982+41.94	52.81' RT	857.73	131776.97	170725.19
HIGH215	982+41.52	58.44' RT	857.84	131774.85	170730.44
HIGH216	982+38.32	54.95' RT	857.92	131771.48	170725.79
HIGH217	982+34.81	57.77' RT	857.95	131765.87	170726.92
HIGH218	982+40.61	53.56' RT	857.87	131774.98	170725.40
HIGH220	982+30.27	69.49' RT	858.21	131755.58	170735.66
HIGH221	982+33.52	72.31' RT	858.31	131759.29	170740.02
HIGH222	982+38.06	61.08' RT	857.93	131769.29	170731.53
HIGH225	982+44.21	67.08' RT	858.26	131776.38	170739.83
HIGH226	982+46.12	63.04' RT	858.09	131780.13	170736.63

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 60	E

Pond Street South					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
PSS101	982+38.35	38.05' LT	857.88	131799.28	170637.04
PSS102	982+32.82	31.38' LT	857.87	131793.28	170642.07
PSS103	982+23.69	23.93' LT	858.11	131783.81	170646.31
PSS104	982+22.65	23.42' LT	858.13	131782.81	170646.42
PSS105	982+16.41	21.30' LT	858.22	131777.22	170646.11
PSS106	982+11.87	20.62' LT	858.26	131773.52	170644.93
PSS107	981+97.93	19.79' LT	858.41	131763.02	170639.42
PSS108	982+30.72	33.63' LT	858.27	131792.57	170639.40
PSS109	982+28.65	31.01' LT	858.27	131790.16	170641.28
PSS110	982+21.17	25.62' LT	858.13	131782.63	170643.93
PSS111	982+19.54	28.46' LT	858.39	131782.66	170640.80
PSS112	982+15.50	23.69' LT	858.19	131777.63	170643.64
PSS113	982+05.80	22.70' LT	858.68	131770.15	170640.58
PSS114	982+02.01	22.48' LT	858.72	131767.37	170639.09
PSS115	982+01.63	27.28' LT	858.87	131769.73	170634.90
PSS116	982+18.22	38.10' LT	858.66	131785.95	170631.68
PSS117	982+15.95	34.15' LT	858.52	131782.70	170634.48
PSS118	982+14.26	31.03' LT	858.48	131780.14	170636.66
PSS119	982+09.69	32.33' LT	858.72	131777.70	170633.86
PSS120	982+04.14	33.71' LT	859.15	131774.82	170630.53
PSS121	982+22.19	44.18' LT	858.88	131791.02	170627.35
PSS122	982+35.37	39.38' LT	858.27	131797.68	170635.12
PSS123	982+11.27	30.11' LT	858.48	131777.67	170636.38
PSS124	982+13.86	26.30' LT	858.48	131777.65	170640.70
PSS125	982+17.10	32.39' LT	858.48	131782.68	170636.45

* MATCH EXISTING



LEGEND

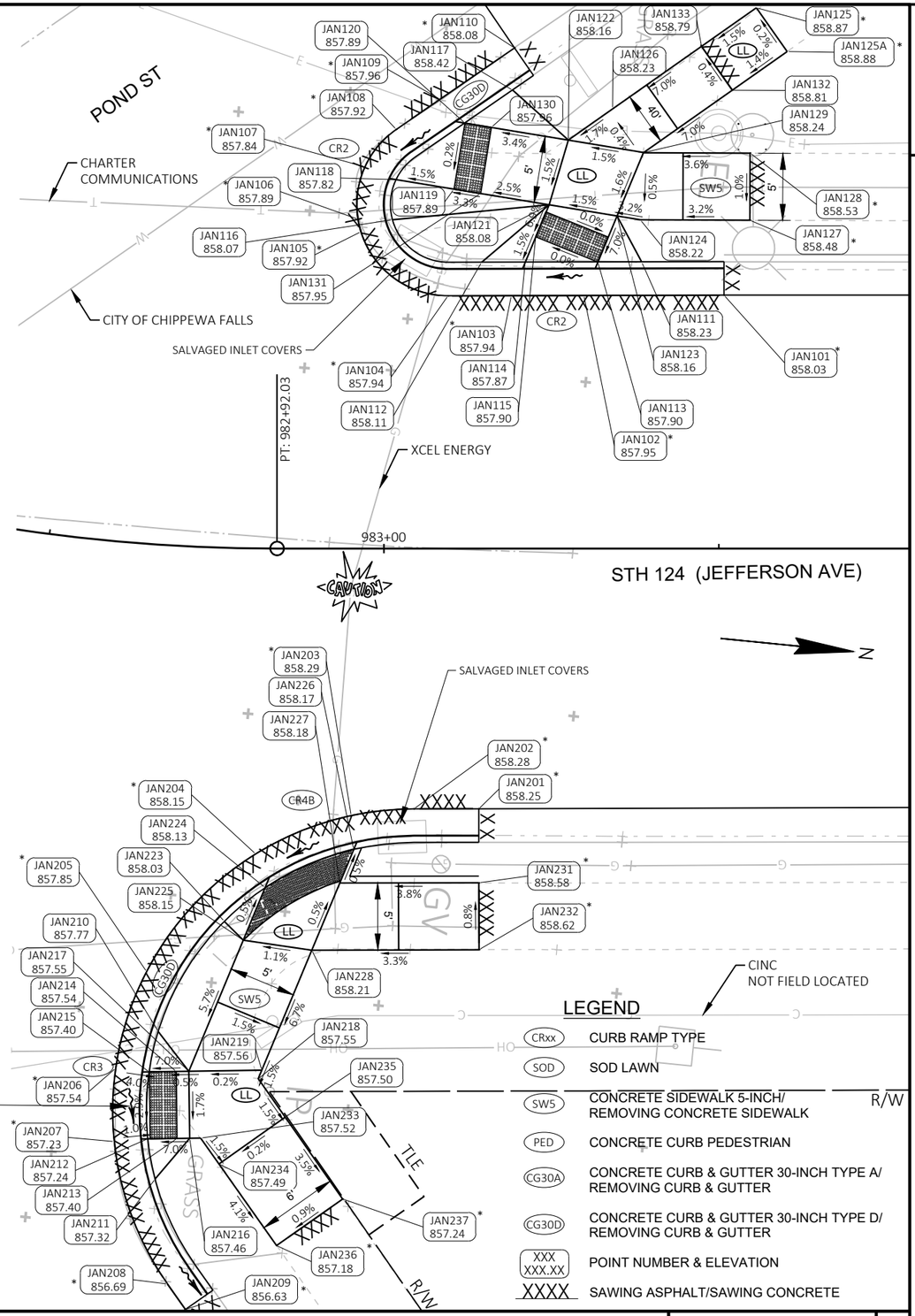
- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

2

Jefferson Avenue North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
JAN101	983+25.38	18.91' LT	858.03	131872.28	170656.65
JAN102	983+14.93	18.89' LT	857.95	131861.88	170657.70
JAN103	983+09.51	18.88' LT	857.94	131856.49	170658.25
JAN104	983+04.79	18.87' LT	857.94	131851.79	170658.73
JAN105	982+98.29	23.64' LT	857.92	131844.85	170654.63
JAN106	982+98.07	24.57' LT	857.89	131844.54	170653.72
JAN107	982+98.59	28.48' LT	857.84	131844.66	170649.79
JAN108	983+00.92	31.27' LT	857.92	131846.71	170646.78
JAN109	983+04.19	33.52' LT	857.96	131849.74	170644.21
JAN110	983+09.76	37.35' LT	858.08	131854.90	170639.85
JAN111	983+19.23	21.40' LT	858.23	131865.91	170654.78
JAN112	983+07.30	21.37' LT	858.11	131854.04	170655.99
JAN113	983+15.98	21.39' LT	857.90	131862.67	170655.11
JAN114	983+10.56	21.38' LT	857.87	131857.28	170655.66
JAN115	983+11.34	23.26' LT	857.90	131857.87	170653.71
JAN116	983+00.63	24.54' LT	858.07	131847.09	170653.50
JAN117	983+09.60	34.21' LT	858.42	131855.06	170642.99
JAN118	983+00.90	27.53' LT	857.82	131847.06	170650.50
JAN119	983+05.23	26.82' LT	857.89	131851.44	170650.78
JAN120	983+06.04	31.75' LT	857.89	131851.75	170645.79
JAN121	983+12.33	25.65' LT	858.08	131858.62	170651.23
JAN122	983+13.76	30.48' LT	858.16	131859.57	170646.28
JAN123	983+17.40	24.82' LT	858.16	131863.75	170651.56
JAN124	983+19.14	24.53' LT	858.22	131865.50	170651.67
JAN125	983+27.79	40.35' LT	858.87	131872.55	170635.07
JAN125A	983+30.09	37.08' LT	858.88	131875.16	170638.10
JAN126	983+17.06	32.80' LT	858.23	131862.62	170643.65
JAN127	983+27.32	24.51' LT	858.48	131873.65	170650.89
JAN128	983+27.33	29.51' LT	858.53	131873.16	170645.91
JAN129	983+19.36	29.53' LT	858.24	131865.23	170646.68
JAN130	983+08.02	31.43' LT	857.96	131853.76	170645.91
JAN131	983+07.21	26.49' LT	857.95	131853.45	170650.91
JAN132	983+26.01	34.20' LT	858.81	131871.38	170641.37
JAN133	983+23.70	37.47' LT	858.79	131868.76	170638.34
JAN201	983+07.08	19.41' RT	858.25	131857.87	170696.59

Jefferson Avenue North					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
JAN202	983+02.23	19.42' RT	858.28	131853.05	170697.08
JAN203	982+97.56	19.91' RT	858.29	131848.45	170698.04
JAN204	982+90.67	22.79' RT	858.15	131841.64	170701.60
JAN205	982+84.16	31.85' RT	857.85	131834.41	170711.15
JAN206	982+82.71	39.17' RT	857.54	131832.83	170718.53
JAN207	982+82.92	44.65' RT	857.23	131833.27	170724.00
JAN208	982+86.24	55.03' RT	856.69	131838.28	170734.17
JAN209	982+87.24	56.88' RT	856.63	131839.80	170735.93
JAN210	982+85.05	36.25' RT	857.77	131835.71	170715.50
JAN211	982+85.30	47.25' RT	857.32	131836.58	170726.47
JAN212	982+84.78	44.29' RT	857.24	131835.73	170723.54
JAN213	982+86.41	44.16' RT	857.40	131837.90	170723.30
JAN214	982+86.21	39.16' RT	857.54	131837.36	170718.33
JAN215	982+84.64	39.29' RT	857.40	131835.33	170718.56
JAN216	982+87.13	44.11' RT	857.46	131838.85	170723.19
JAN217	982+86.94	39.11' RT	857.55	131838.29	170718.22
JAN218	982+90.95	39.55' RT	857.55	131843.50	170718.26
JAN219	982+91.15	38.92' RT	857.56	131843.70	170717.61
JAN223	982+88.77	27.85' RT	858.03	131839.81	170706.83
JAN224	982+91.28	25.30' RT	858.13	131842.60	170704.03
JAN225	982+89.96	29.23' RT	858.15	131841.36	170708.09
JAN226	982+97.75	22.43' RT	858.17	131848.88	170700.53
JAN227	982+96.70	24.95' RT	858.18	131848.09	170703.14
JAN228	982+94.62	29.95' RT	858.21	131846.52	170708.32
JAN231	983+07.09	24.93' RT	858.58	131858.43	170702.08
JAN232	983+07.10	29.93' RT	858.62	131858.93	170707.06
JAN233	982+87.74	44.07' RT	857.52	131839.66	170723.10
JAN234	982+88.80	45.96' RT	857.49	131841.20	170724.88
JAN235	982+92.64	42.41' RT	857.50	131845.78	170720.91
JAN236	982+91.99	51.99' RT	857.18	131846.08	170730.51
JAN237	982+96.92	48.52' RT	857.24	131850.65	170726.56

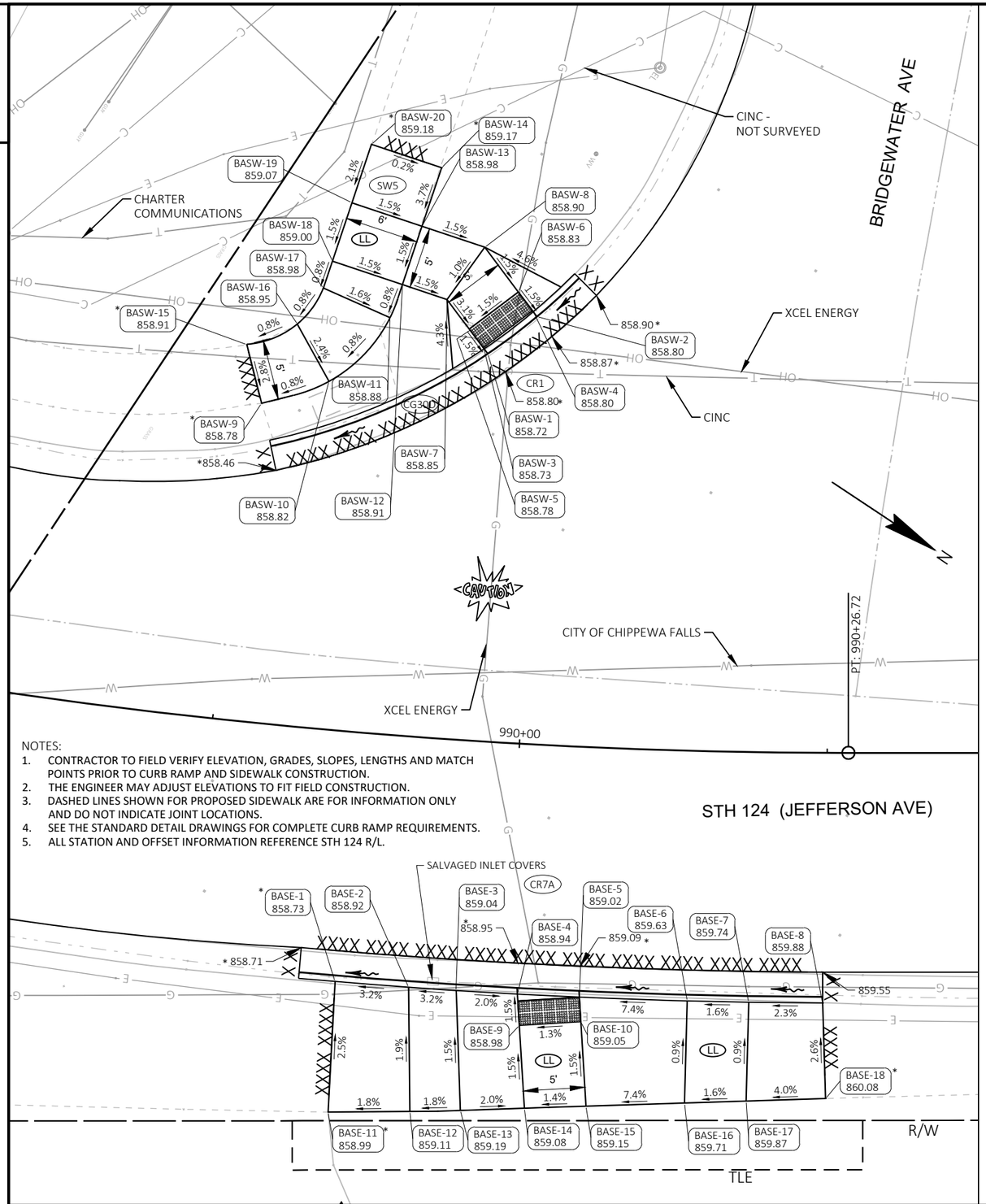


* MATCH EXISTING

MAXIMUM EXTENT FEASABLE (MEF):
• CURB RAMP CROSS SLOPE >1.5%

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 62	E



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

LEGEND

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING

Bridgewater Ave SW Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BASW-1	989+95.36	31.43' LT	858.72	132515.40	170541.18
BASW-2	989+99.44	34.68' LT	858.80	132517.08	170536.46
BASW-3	989+95.01	31.81' LT	858.73	132514.93	170541.01
BASW-4	989+99.09	35.06' LT	858.80	132516.61	170536.30
BASW-5	989+93.60	33.33' LT	858.78	132513.05	170540.34
BASW-6	989+97.69	36.59' LT	858.83	132514.72	170535.62
BASW-7	989+91.48	35.59' LT	858.85	132510.22	170539.33
BASW-8	989+94.47	40.04' LT	858.90	132510.44	170534.10
BASW-9	989+76.25	25.85' LT	858.78	132502.29	170554.66
BASW-10	989+81.83	28.18' LT	858.82	132505.87	170550.15
BASW-11	989+86.62	33.76' LT	858.88	132507.16	170543.11
BASW-12	989+87.47	36.52' LT	858.91	132506.53	170540.31
BASW-13	989+88.78	41.37' LT	858.98	132505.24	170535.48
BASW-14	989+90.11	46.22' LT	859.17	132503.96	170530.65
BASW-15	989+74.45	30.47' LT	858.91	132498.67	170551.33
BASW-16	989+78.63	32.55' LT	858.95	132501.18	170547.69
BASW-17	989+80.58	35.66' LT	858.98	132501.33	170544.09
BASW-18	989+81.14	37.91' LT	859.00	132500.74	170541.86
BASW-19	989+82.38	42.78' LT	859.07	132499.45	170537.03
BASW-20	989+83.65	47.64' LT	859.18	132498.16	170532.20

Bridgewater Ave SE Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BASE-1	989+86.69	20.30' RT	858.73	132533.13	170590.52
BASE-2	989+92.45	20.30' RT	858.92	132538.38	170587.62
BASE-3	989+96.13	20.30' RT	859.04	132541.73	170585.72
BASE-4	990+00.93	20.30' RT	858.94	132546.05	170583.21
BASE-5	990+05.76	20.30' RT	859.02	132550.38	170580.65
BASE-6	990+14.16	20.30' RT	859.63	132557.86	170576.08
BASE-7	990+18.95	20.30' RT	859.74	132562.09	170573.42
BASE-8	990+24.71	20.30' RT	859.88	132567.13	170570.16
BASE-9	990+01.21	22.83' RT	858.98	132547.58	170585.25
BASE-10	990+05.96	22.29' RT	859.05	132551.58	170582.25
BASE-11	989+87.00	30.91' RT	858.99	132538.51	170599.68
BASE-12	989+93.21	30.34' RT	859.11	132544.01	170595.97
BASE-13	989+97.05	29.99' RT	859.19	132547.38	170593.65
BASE-14	990+01.93	29.51' RT	859.08	132551.62	170590.63
BASE-15	990+06.63	29.12' RT	859.15	132555.71	170587.74
BASE-16	990+14.16	28.59' RT	859.71	132562.24	170583.12
BASE-17	990+18.88	28.32' RT	859.87	132566.33	170580.23
BASE-18	990+24.97	28.06' RT	860.08	132571.61	170576.50

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

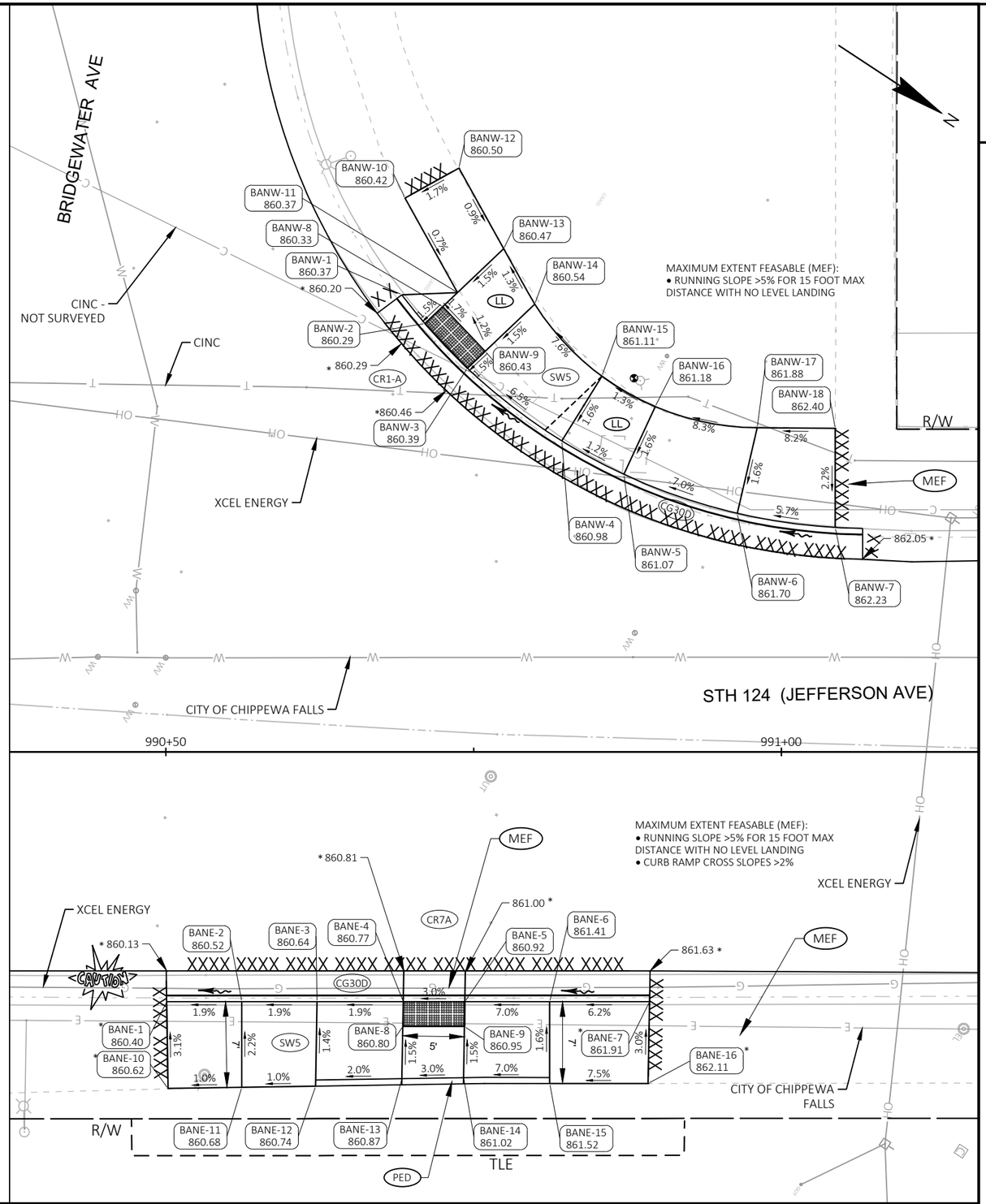
Birdgewater Ave NW Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BANW-1	990+69.16	37.15' LT	860.37	132572.63	170497.68
BANW-2	990+71.04	34.81' LT	860.29	132575.48	170498.60
BANW-3	990+74.48	31.19' LT	860.39	132580.36	170499.73
BANW-4	990+82.16	25.27' LT	860.98	132590.02	170500.43
BANW-5	990+87.20	22.56' LT	861.07	132595.72	170499.92
BANW-6	990+96.41	19.39' LT	861.70	132605.15	170497.48
BANW-7	991+04.37	18.24' LT	862.23	132612.43	170494.06
BANW-8	990+72.49	36.19' LT	860.33	132575.94	170496.65
BANW-9	990+75.93	32.56' LT	860.43	132580.81	170497.78
BANW-10	990+69.43	45.02' LT	860.42	132568.51	170490.97
BANW-11	990+73.69	37.33' LT	860.37	132576.31	170495.03
BANW-12	990+73.80	47.45' LT	860.50	132570.82	170486.54
BANW-13	990+77.44	40.89' LT	860.47	132577.48	170490.00
BANW-14	990+79.97	36.40' LT	860.54	132582.06	170492.36
BANW-15	990+85.42	30.54' LT	861.11	132589.84	170494.25
BANW-16	990+89.75	28.06' LT	861.18	132594.82	170493.92
BANW-17	990+98.03	26.35' LT	861.88	132602.67	170490.79
BANW-18	991+04.37	26.30' LT	862.40	132607.99	170487.33

Bridgewater Ave NE Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
BANE-1	990+50.06	20.30' RT	860.40	132588.35	170556.15
BANE-2	990+56.17	20.30' RT	860.52	132593.45	170552.78
BANE-3	990+62.28	20.30' RT	860.64	132598.55	170549.41
BANE-4	990+69.28	20.30' RT	860.77	132604.39	170545.55
BANE-5	990+74.28	20.30' RT	860.92	132608.56	170542.80
BANE-6	990+81.18	20.30' RT	861.41	132614.32	170539.00
BANE-7	990+89.29	20.30' RT	861.91	132621.08	170534.53
BANE-8	990+69.25	22.30' RT	860.80	132605.46	170547.24
BANE-9	990+74.25	22.30' RT	860.95	132609.64	170544.49
BANE-10	990+50.17	27.35' RT	860.62	132592.33	170561.97
BANE-11	990+56.17	27.26' RT	860.68	132597.28	170558.59
BANE-12	990+62.16	27.16' RT	860.74	132602.23	170555.21
BANE-13	990+69.17	26.55' RT	860.87	132607.75	170550.83
BANE-14	990+74.18	26.48' RT	861.02	132611.88	170548.01
BANE-15	990+81.18	26.95' RT	861.52	132617.98	170544.55
BANE-16	990+89.17	26.94' RT	862.11	132624.64	170540.13

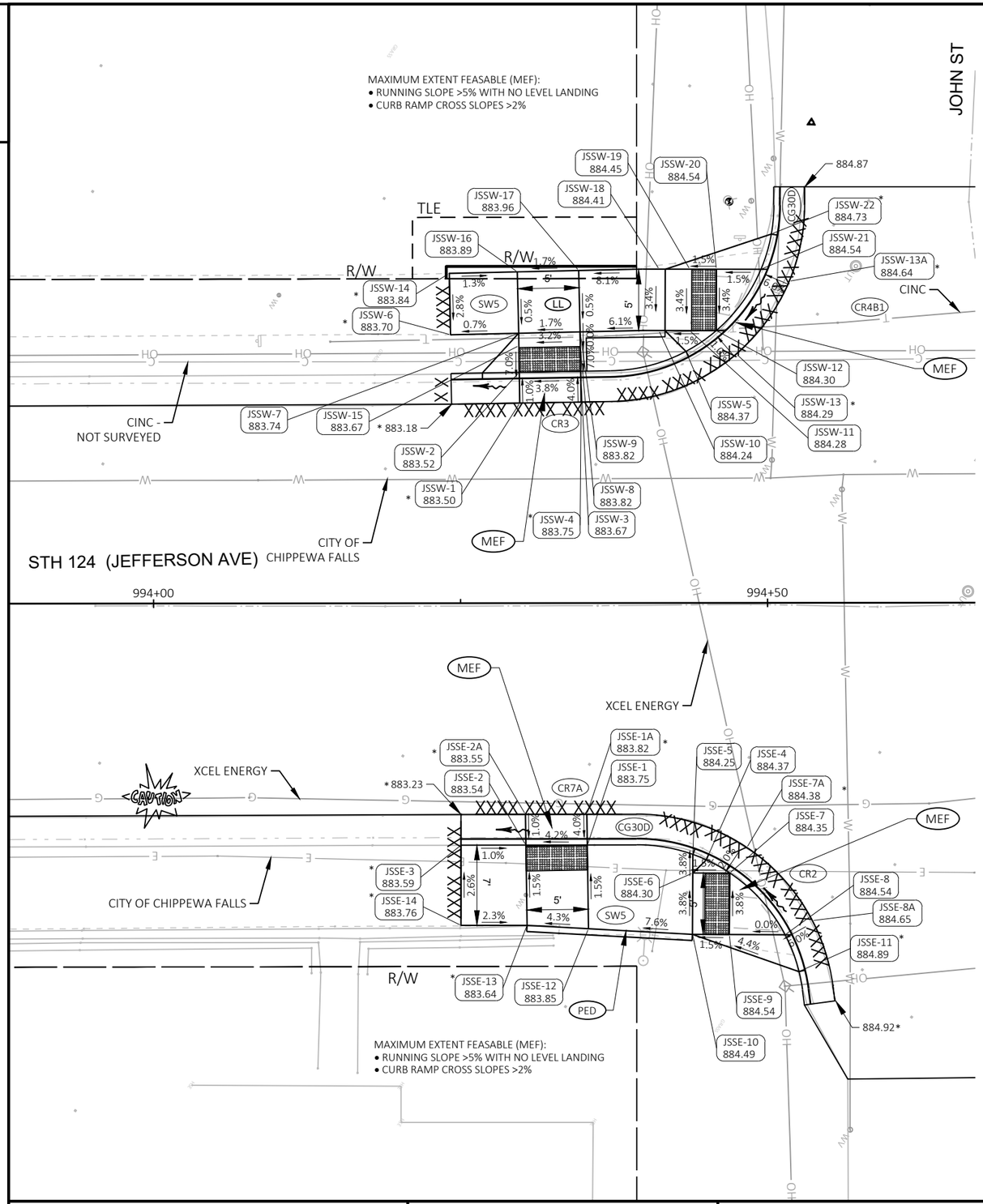
LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 64	E



John St SW Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
JSSW-1	994+29.83	16.29' LT	883.50	132885.08	170316.31
JSSW-2	994+29.80	18.79' LT	883.52	132883.67	170314.25
JSSW-3	994+34.80	18.87' LT	883.67	132887.80	170311.43
JSSW-4	994+34.83	16.37' LT	883.75	132889.20	170313.49
JSSW-5	994+43.37	20.48' LT	884.37	132894.07	170305.36
JSSW-6	994+24.21	21.86' LT	883.70	132877.32	170314.77
JSSW-7	994+29.76	21.98' LT	883.74	132881.88	170311.61
JSSW-8	994+34.77	21.04' LT	883.82	132886.58	170309.64
JSSW-9	994+34.76	22.08' LT	883.82	132886.00	170308.77
JSSW-10	994+41.18	22.18' LT	884.24	132891.30	170305.15
JSSW-11	994+43.68	22.18' LT	884.28	132893.39	170303.77
JSSW-12	994+45.85	22.17' LT	884.30	132895.20	170302.58
JSSW-13	994+47.48	20.28' LT	884.29	132897.61	170303.27
JSSW-13A	994+51.79	26.19' LT	884.64	132897.94	170295.96
JSSW-14	994+24.11	26.86' LT	883.84	132874.48	170310.65
JSSW-15	994+29.77	20.96' LT	883.67	132882.45	170312.46
JSSW-16	994+29.65	26.97' LT	883.89	132879.04	170307.50
JSSW-17	994+34.65	27.08' LT	883.96	132883.16	170304.66
JSSW-18	994+41.19	27.18' LT	884.41	132888.55	170300.97
JSSW-19	994+43.69	27.18' LT	884.45	132890.64	170299.59
JSSW-20	994+45.86	27.17' LT	884.54	132892.46	170298.40
JSSW-21	994+49.49	27.16' LT	884.54	132895.49	170296.41
JSSW-22	994+50.34	30.03' LT	884.73	132894.61	170293.55

John St SE Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
JSSE-1	994+35.30	19.70' RT	883.75	132909.48	170343.34
JSSE-1A	994+35.27	17.20' RT	883.82	132908.07	170341.27
JSSE-2	994+30.30	19.70' RT	883.54	132905.30	170346.09
JSSE-2A	994+30.27	17.20' RT	883.55	132903.90	170344.02
JSSE-3	994+25.01	19.70' RT	883.59	132900.89	170349.01
JSSE-4	994+44.97	20.93' RT	884.37	132918.22	170339.03
JSSE-5	994+43.90	20.49' RT	884.25	132917.09	170339.26
JSSE-6	994+43.89	21.98' RT	884.30	132917.90	170340.51
JSSE-7	994+46.89	22.00' RT	884.35	132920.41	170338.87
JSSE-7A	994+48.28	19.92' RT	884.38	132920.43	170336.37
JSSE-8	994+51.39	27.03' RT	884.54	132926.94	170340.58
JSSE-8A	994+53.60	25.87' RT	884.65	132928.15	170338.40
JSSE-9	994+46.86	27.00' RT	884.54	132923.15	170343.06
JSSE-10	994+43.86	26.98' RT	884.49	132920.63	170344.70
JSSE-11	994+52.51	30.03' RT	884.89	132929.53	170342.47
JSSE-12	994+35.39	26.51' RT	883.85	132913.30	170348.97
JSSE-13	994+30.38	26.23' RT	883.64	132908.97	170351.50
JSSE-14	994+25.01	26.23' RT	883.76	132904.49	170354.46

* MATCH EXISTING

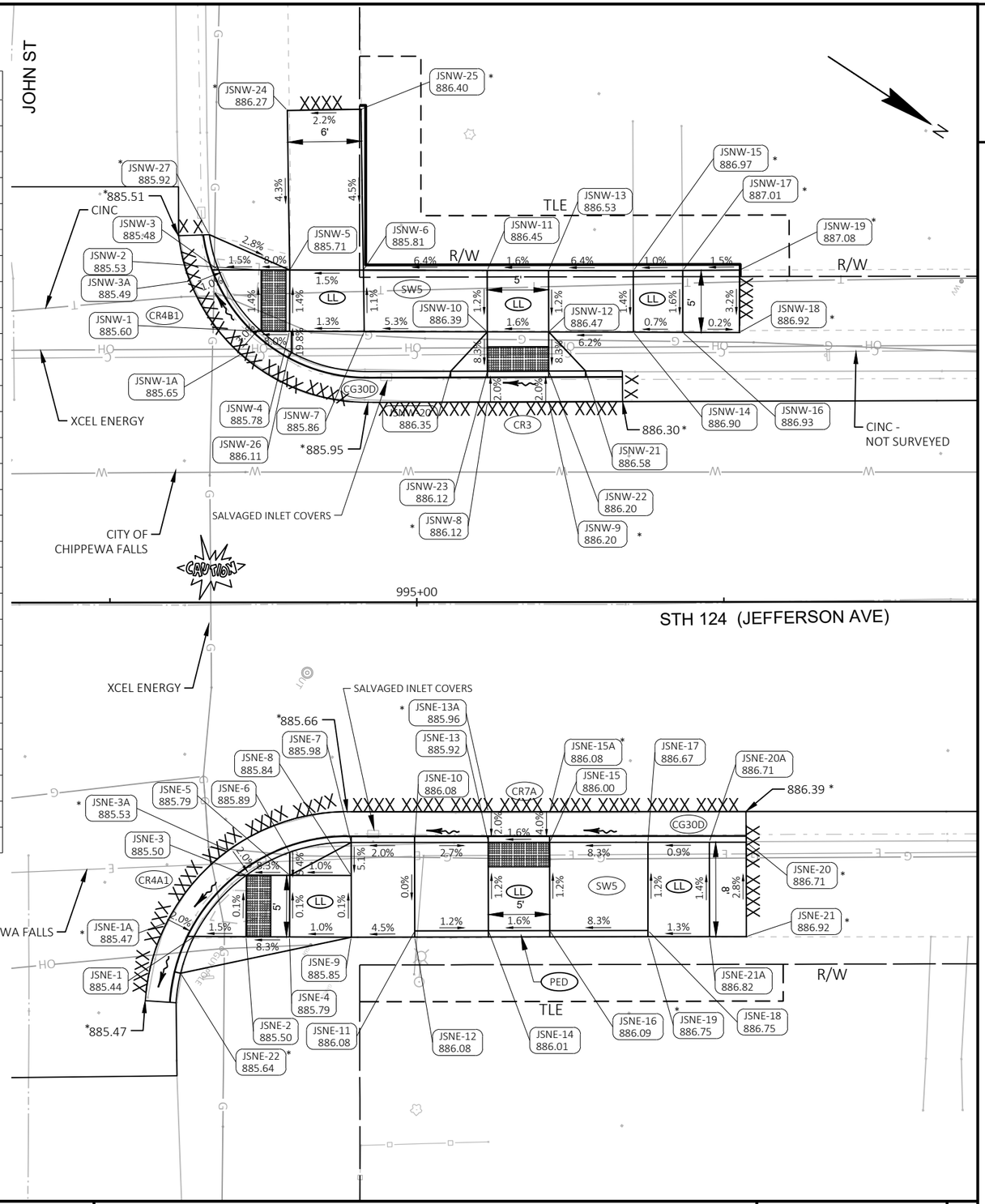
LEGEND

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

John St NW Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
JSNW-1	994+87.35	22.06' LT	885.60	132929.89	170279.80
JSNW-1A	994+85.69	20.20' LT	885.65	132929.53	170282.28
JSNW-2	994+87.36	27.06' LT	885.53	132927.15	170275.62
JSNW-3	994+83.87	27.07' LT	885.48	132924.23	170277.54
JSNW-3A	994+81.54	26.17' LT	885.49	132922.78	170279.58
JSNW-4	994+89.66	22.06' LT	885.78	132931.82	170278.53
JSNW-5	994+89.67	27.06' LT	885.71	132929.08	170274.35
JSNW-6	994+95.67	27.04' LT	885.81	132934.09	170271.06
JSNW-7	994+95.74	22.04' LT	885.86	132936.91	170275.19
JSNW-8	995+05.77	16.29' LT	886.12	132948.44	170274.47
JSNW-9	995+10.77	16.30' LT	886.20	132952.61	170271.70
JSNW-10	995+05.76	22.01' LT	886.39	132945.29	170269.70
JSNW-11	995+05.76	27.01' LT	886.45	132942.53	170265.53
JSNW-12	995+10.76	21.99' LT	886.47	132949.47	170266.96
JSNW-13	995+10.76	26.99' LT	886.53	132946.71	170262.79
JSNW-14	995+17.66	21.97' LT	886.90	132955.24	170263.18
JSNW-15	995+17.66	26.97' LT	886.97	132952.48	170259.01
JSNW-16	995+21.68	21.95' LT	886.93	132958.60	170260.98
JSNW-17	995+21.70	26.99' LT	887.01	132955.83	170256.76
JSNW-18	995+26.29	21.93' LT	886.92	132962.46	170258.45
JSNW-19	995+26.31	27.01' LT	887.08	132959.68	170254.20
JSNW-20	995+02.76	18.79' LT	886.35	132944.56	170274.04
JSNW-21	995+13.76	18.81' LT	886.58	132953.73	170267.96
JSNW-22	995+10.76	18.80' LT	886.20	132951.23	170269.62
JSNW-23	995+05.76	18.80' LT	886.12	132947.06	170272.38
JSNW-24	994+89.49	40.06' LT	886.27	132921.76	170263.61
JSNW-25	994+95.49	40.14' LT	886.40	132926.72	170260.23
JSNW-26	994+89.65	20.42' LT	886.11	132932.72	170279.90
JSNW-27	994+83.13	29.95' LT	885.92	132922.03	170275.55

John St NE Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
JSNE-1	994+81.83	27.20' RT	885.44	132952.44	170323.95
JSNE-1A	994+79.61	26.06' RT	885.47	132949.95	170324.23
JSNE-2	994+86.06	27.22' RT	885.50	132955.98	170321.64
JSNE-3	994+86.09	22.22' RT	885.50	132953.25	170317.45
JSNE-3A	994+84.62	20.20' RT	885.53	132950.91	170316.57
JSNE-4	994+89.60	27.24' RT	885.79	132958.94	170319.71
JSNE-5	994+89.63	22.24' RT	885.79	132956.21	170315.52
JSNE-6	994+89.63	20.36' RT	885.89	132955.17	170313.95
JSNE-7	994+94.63	19.56' RT	885.98	132958.90	170310.52
JSNE-8	994+94.63	22.25' RT	885.84	132960.38	170312.76
JSNE-9	994+94.62	27.27' RT	885.85	132963.15	170316.96
JSNE-10	994+99.79	19.56' RT	886.08	132963.22	170307.68
JSNE-11	994+99.80	26.77' RT	886.08	132967.19	170313.69
JSNE-12	994+99.80	27.27' RT	886.08	132967.47	170314.10
JSNE-13	995+05.79	19.56' RT	885.92	132968.22	170304.37
JSNE-13A	995+05.79	17.06' RT	885.96	132966.85	170302.29
JSNE-14	995+05.80	26.77' RT	886.01	132972.20	170310.38
JSNE-15	995+10.80	19.57' RT	886.00	132972.41	170301.61
JSNE-15A	995+10.80	17.07' RT	886.08	132971.03	170299.53
JSNE-16	995+10.80	26.77' RT	886.09	132976.37	170307.62
JSNE-17	995+18.79	19.57' RT	886.67	132979.08	170297.21
JSNE-18	995+18.80	26.76' RT	886.75	132983.04	170303.21
JSNE-19	995+18.80	27.26' RT	886.75	132983.32	170303.63
JSNE-20	995+26.80	19.58' RT	886.71	132985.75	170292.81
JSNE-20A	995+23.79	19.57' RT	886.71	132983.25	170294.45
JSNE-21	995+26.80	27.26' RT	886.92	132989.99	170299.22
JSNE-21A	995+23.80	27.26' RT	886.82	132987.49	170300.87
JSNE-22	994+80.72	30.19' RT	885.64	132953.16	170327.06



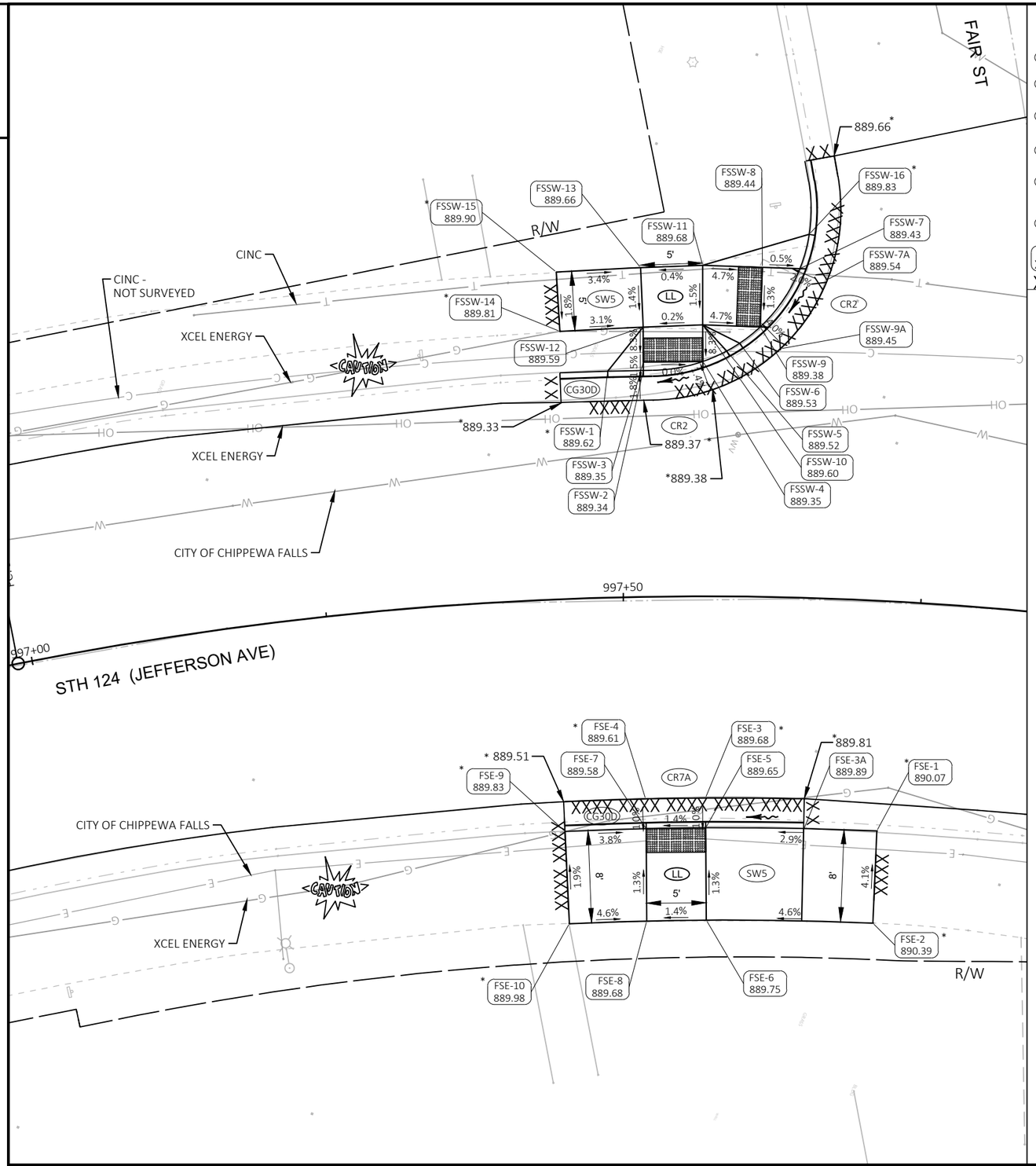
LEGEND

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX / XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 66	E



LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Fair St SW Ramps					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
FSSW-1	997+49.17	19.00' LT	889.62	133155.05	170140.23
FSSW-2	997+51.99	19.00' LT	889.34	133157.80	170139.04
FSSW-3	997+51.99	19.72' LT	889.35	133157.53	170138.37
FSSW-4	997+56.68	19.71' LT	889.35	133162.14	170136.45
FSSW-5	997+58.56	20.60' LT	889.52	133163.67	170134.87
FSSW-6	997+59.57	21.27' LT	889.53	133164.43	170133.86
FSSW-7	997+64.13	27.61' LT	889.43	133166.74	170126.16
FSSW-7A	997+66.28	26.76' LT	889.54	133169.24	170126.13
FSSW-8	997+61.25	27.66' LT	889.44	133163.78	170127.25
FSSW-9	997+61.16	22.66' LT	889.38	133165.51	170131.94
FSSW-9A	997+62.78	20.86' LT	889.45	133167.78	170132.98
FSSW-10	997+56.66	22.79' LT	889.60	133160.96	170133.61
FSSW-11	997+56.67	27.79' LT	889.68	133159.08	170128.97
FSSW-12	997+52.02	22.65' LT	889.59	133156.40	170135.67
FSSW-13	997+51.89	27.64' LT	889.66	133154.32	170131.13
FSSW-14	997+45.52	22.47' LT	889.81	133150.07	170138.65
FSSW-15	997+45.42	27.47' LT	889.90	133147.90	170134.14
FSSW-16	997+64.77	30.52' LT	889.83	133166.37	170123.19

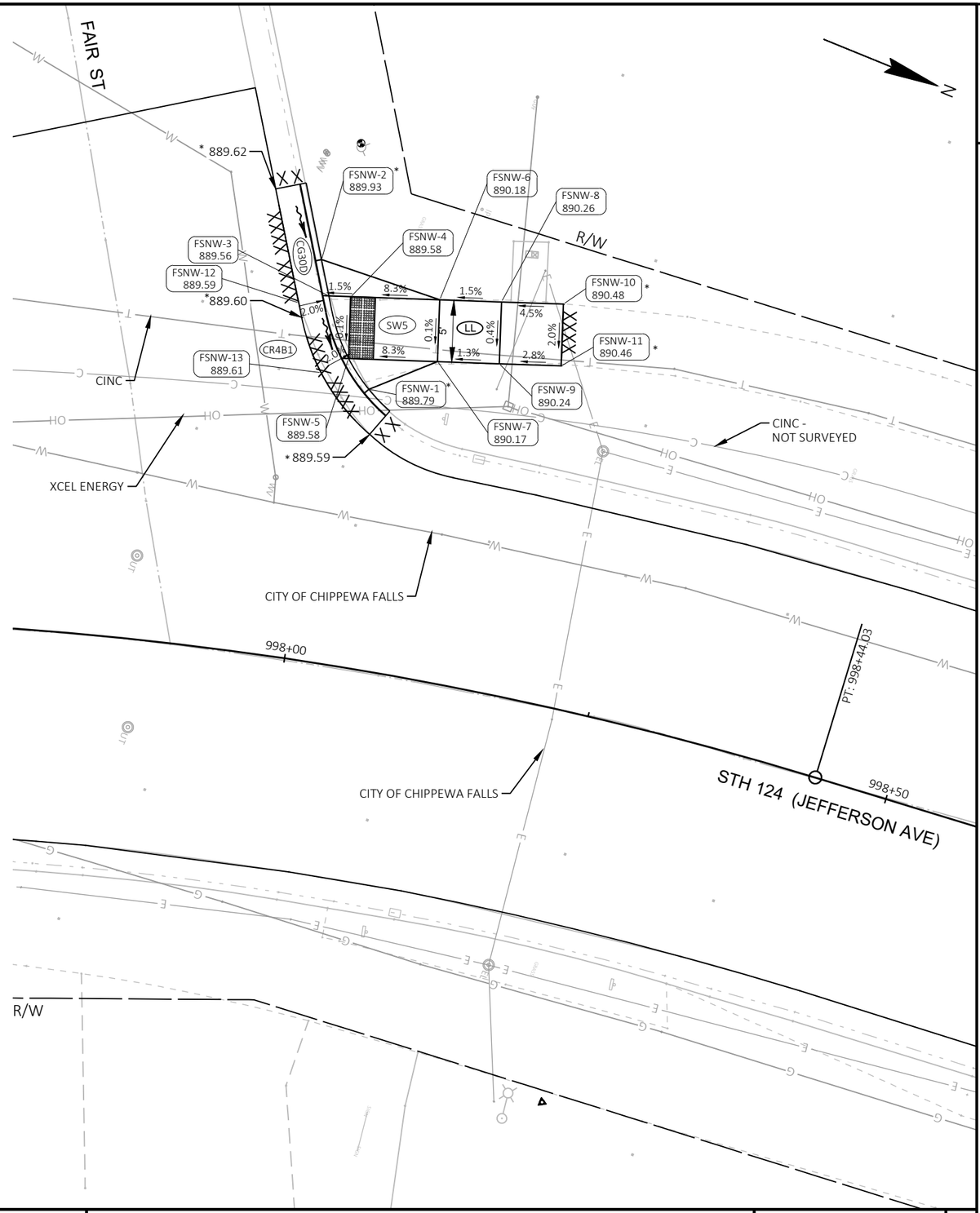
Fair St East Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
FSE-1	997+72.32	19.31' RT	890.07	133190.57	170167.42
FSE-2	997+72.41	27.06' RT	890.39	133193.19	170174.71
FSE-3	997+56.92	16.94' RT	889.68	133176.21	170170.30
FSE-3A	997+65.74	19.46' RT	889.89	133184.84	170169.64
FSE-4	997+51.57	16.97' RT	889.61	133171.57	170172.27
FSE-5	997+56.94	19.44' RT	889.65	133177.17	170172.61
FSE-6	997+57.00	27.19' RT	889.75	133180.14	170179.76
FSE-7	997+51.58	19.47' RT	889.58	133172.57	170174.57
FSE-8	997+51.49	27.22' RT	889.68	133175.54	170181.72
FSE-9	997+44.28	19.51' RT	889.83	133166.34	170177.36
FSE-10	997+44.32	27.26' RT	889.98	133169.60	170184.39

Fair St NW Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
FSNW-1	998+03.32	22.53' LT	889.79	133208.85	170118.61
FSNW-2	997+98.42	32.35' LT	889.93	133201.34	170110.33
FSNW-3	997+99.33	29.52' LT	889.56	133203.00	170112.83
FSNW-4	998+00.93	29.72' LT	889.58	133204.66	170112.22
FSNW-5	998+01.46	24.75' LT	889.58	133206.39	170116.91
FSNW-6	998+07.41	30.62' LT	890.18	133211.42	170109.74
FSNW-7	998+08.04	25.67' LT	890.17	133213.14	170114.43
FSNW-8	998+11.89	31.34' LT	890.26	133216.11	170108.01
FSNW-9	998+12.58	26.40' LT	890.24	133217.83	170112.70
FSNW-10	998+16.35	32.13' LT	890.48	133220.80	170106.29
FSNW-11	998+17.11	27.20' LT	890.46	133222.53	170110.98
FSNW-12	997+97.22	28.62' LT	889.59	133200.97	170114.27
FSNW-13	997+99.58	23.28' LT	889.61	133204.76	170118.82

LEGEND

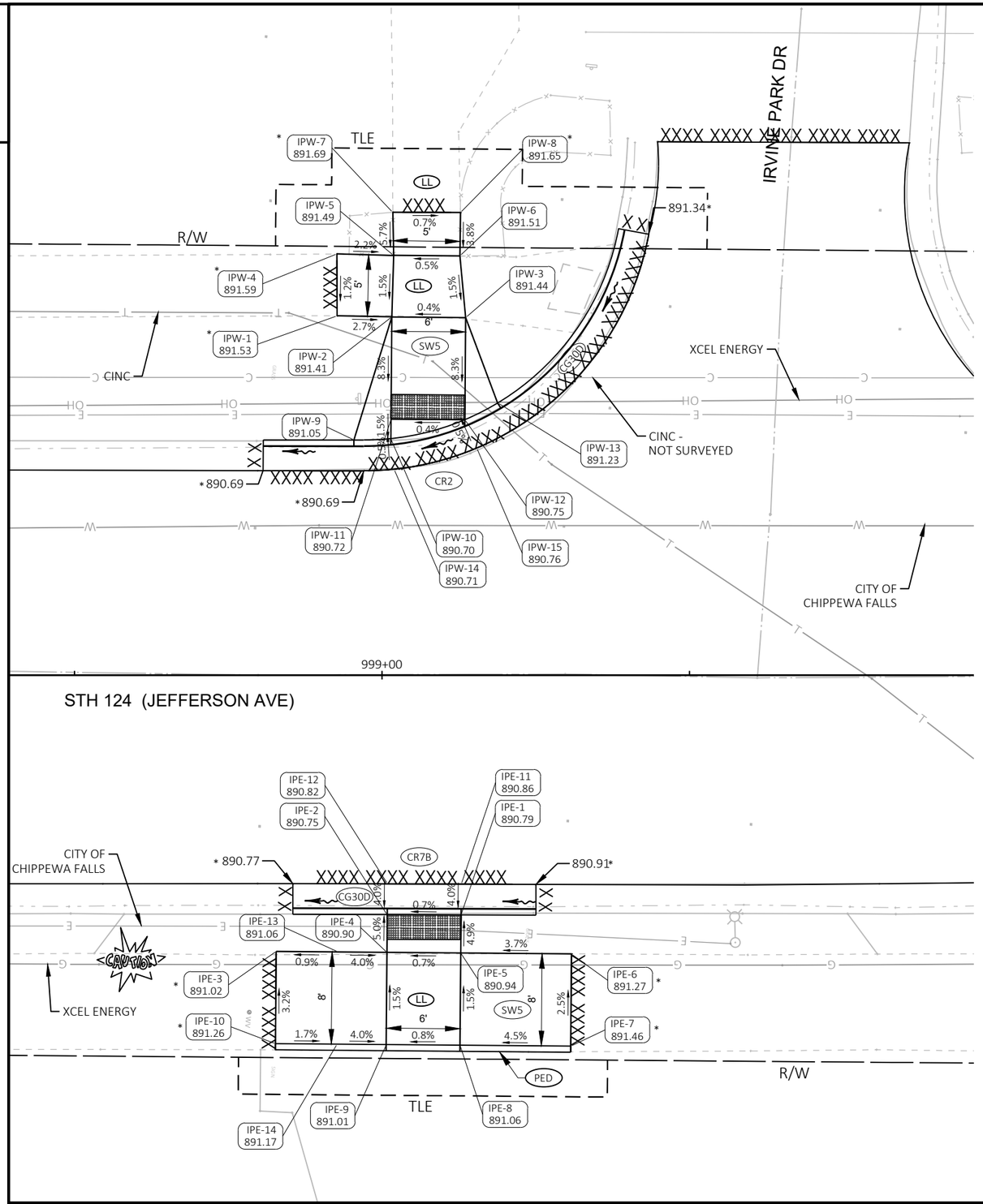
- (CRxx) CURB RAMP TYPE
- (SOD) SOD LAWN
- (SW5) CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- (CG30D) CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- (XXX / XXX.XX) POINT NUMBER & ELEVATION
- XXXX SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING



NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



LEGEND

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

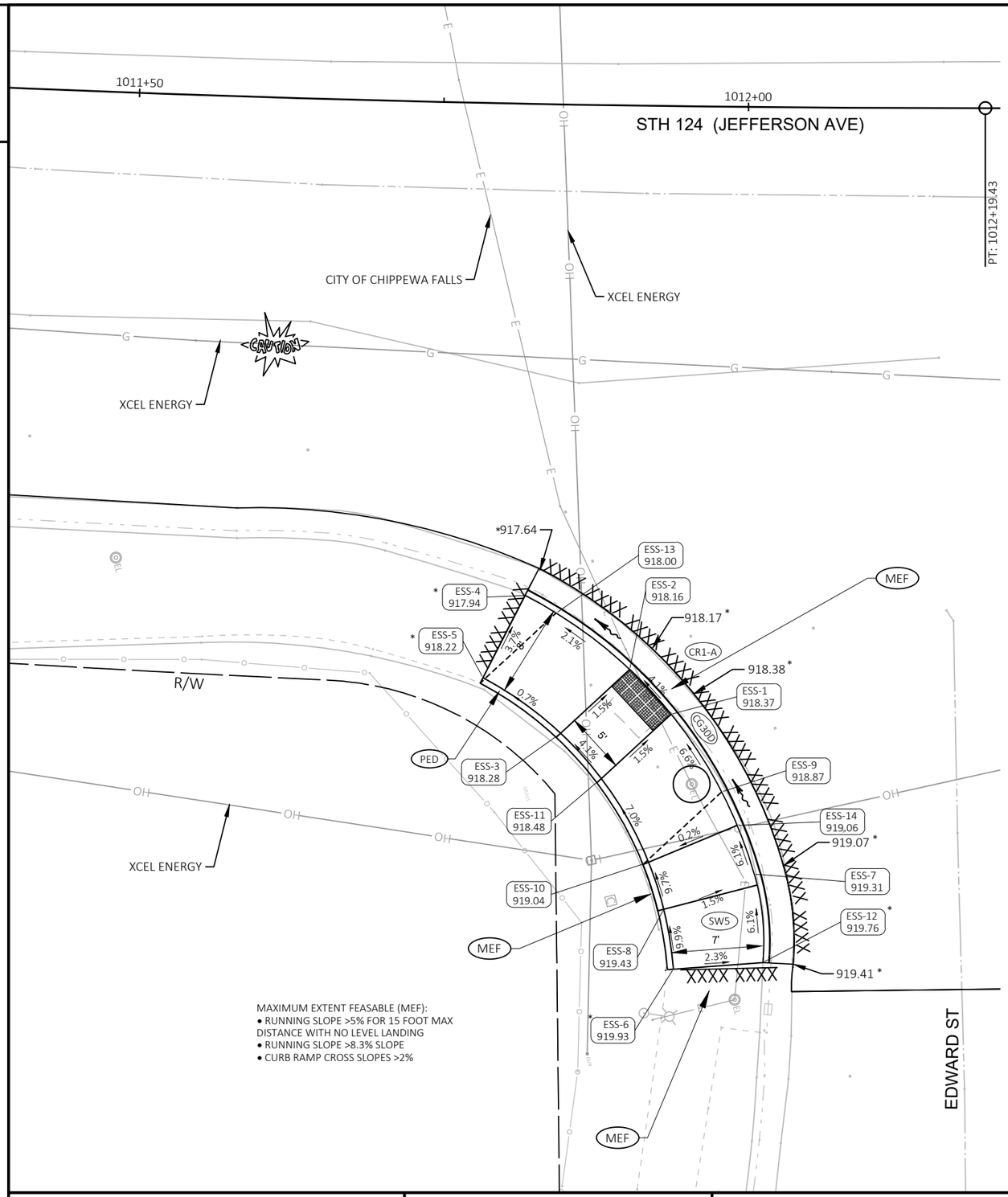
* MATCH EXISTING

N

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Irving Park West Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
IPW-1	998+96.36	29.22' LT	891.53	133303.57	170100.14
IPW-2	999+00.80	29.13' LT	891.41	133308.00	170099.83
IPW-3	999+06.80	29.08' LT	891.44	133313.98	170099.32
IPW-4	998+96.34	34.25' LT	891.59	133303.09	170095.13
IPW-5	999+00.95	34.13' LT	891.49	133307.69	170094.83
IPW-6	999+06.34	34.10' LT	891.51	133313.06	170094.37
IPW-7	999+00.88	37.64' LT	891.69	133307.30	170091.34
IPW-8	999+06.38	37.62' LT	891.65	133312.78	170090.86
IPW-9	998+97.73	19.13' LT	891.05	133305.86	170110.07
IPW-10	999+00.72	19.23' LT	890.70	133308.83	170109.69
IPW-11	999+00.74	20.82' LT	890.72	133308.70	170108.11
IPW-12	999+06.74	20.77' LT	890.75	133314.68	170107.60
IPW-13	999+09.41	22.14' LT	891.23	133317.21	170106.00
IPW-14	999+00.98	16.74' LT	890.71	133309.32	170112.14
IPW-15	999+07.71	18.48' LT	890.76	133315.86	170109.80

Irving Park East Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
IPE-1	999+06.43	19.50' RT	890.79	133318.06	170147.73
IPE-2	999+00.43	19.48' RT	890.75	133312.09	170148.26
IPE-3	998+91.40	22.47' RT	891.02	133303.37	170152.06
IPE-4	999+00.40	22.55' RT	890.90	133312.34	170151.32
IPE-5	999+06.40	22.60' RT	890.94	133318.32	170150.82
IPE-6	999+15.40	22.67' RT	891.27	133327.29	170150.07
IPE-7	999+15.35	30.17' RT	891.46	133327.92	170157.54
IPE-8	999+06.35	30.10' RT	891.06	133318.95	170158.29
IPE-9	999+00.35	30.05' RT	891.01	133312.97	170158.79
IPE-10	998+91.35	29.97' RT	891.26	133304.01	170159.54
IPE-11	999+06.45	17.00' RT	890.86	133317.85	170145.24
IPE-12	999+00.45	16.97' RT	890.82	133311.87	170145.77
IPE-13	998+96.41	22.51' RT	891.06	133308.36	170151.64
IPE-14	998+96.35	30.01' RT	891.17	133308.99	170159.13



MAXIMUM EXTENT FEASABLE (MEF):
- RUNNING SLOPE >5% FOR 15 FOOT MAX DISTANCE WITH NO LEVEL LANDING
- RUNNING SLOPE >8.3% SLOPE
- CURB RAMP CROSS SLOPES >2%

Edward St South Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
ESS-1	1011+94.30	49.90' RT	918.37	134533.15	170443.03
ESS-2	1011+90.94	46.27' RT	918.16	134530.74	170438.64
ESS-3	1011+85.49	51.60' RT	918.28	134523.97	170442.36
ESS-4	1011+82.44	40.35' RT	917.94	134523.87	170430.68
ESS-5	1011+79.19	47.17' RT	918.22	134518.89	170436.40
ESS-6	1011+94.74	70.83' RT	919.93	134528.27	170463.39
ESS-7	1012+01.07	62.95' RT	919.31	134536.61	170457.42
ESS-8	1011+93.92	65.92' RT	919.43	134528.71	170458.42
ESS-9	1011+98.41	56.22' RT	918.87	134535.64	170450.22
ESS-10	1011+92.66	62.06' RT	919.04	134528.43	170454.37
ESS-11	1011+88.80	55.26' RT	918.48	134526.32	170446.77
ESS-12	1012+01.82	70.20' RT	919.76	134535.54	170464.63
ESS-13	1011+84.96	41.74' RT	918.00	134526.00	170432.69
ESS-14	1011+99.68	58.96' RT	919.06	134536.22	170453.19

LEGEND

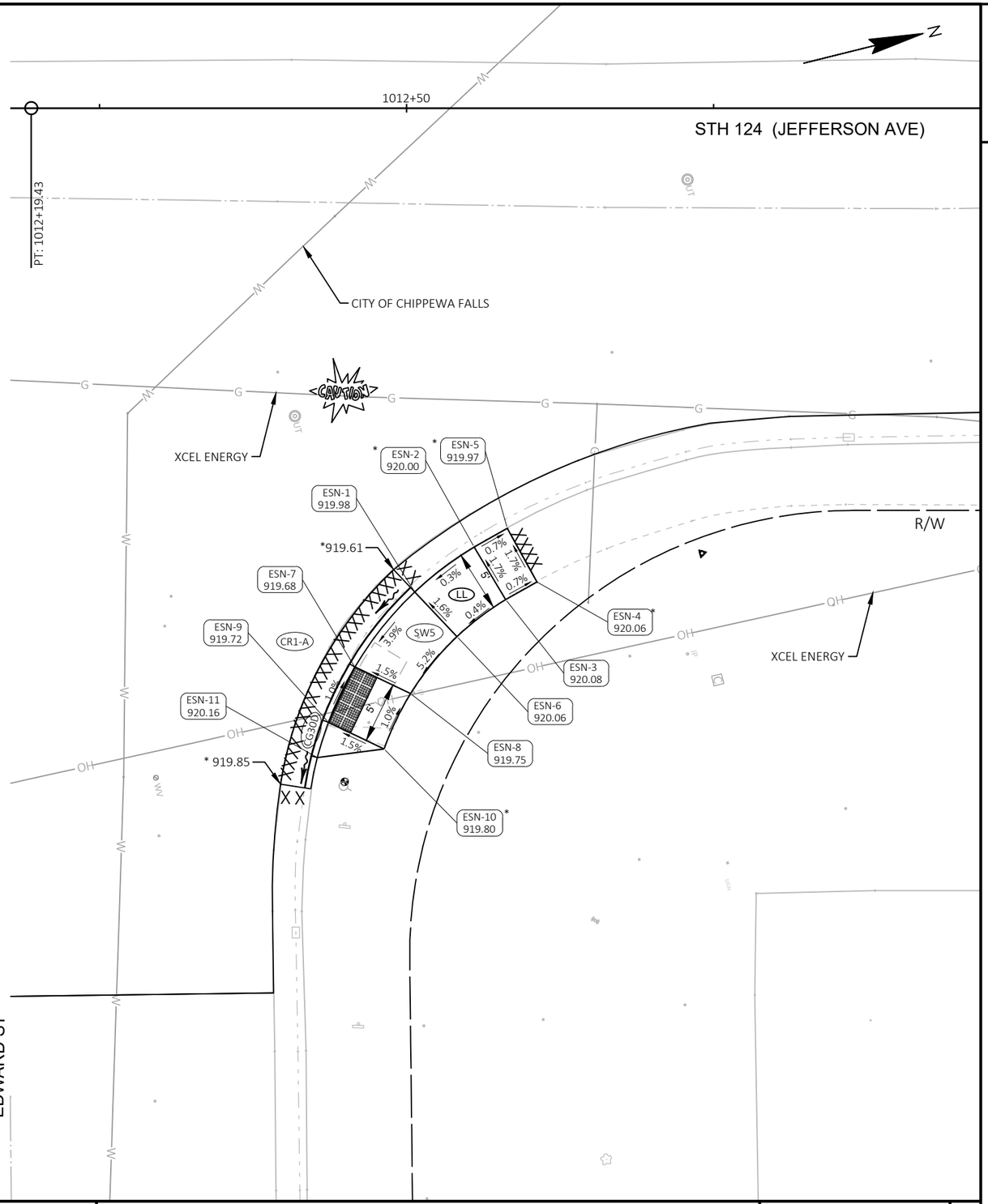
* MATCH EXISTING

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 70	E

Edward St North Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
ESN-1	1012+50.66	39.39' RT	919.98	134590.98	170446.75
ESN-2	1012+55.49	35.71' RT	920.00	134596.55	170444.36
ESN-3	1012+58.07	40.00' RT	920.08	134598.02	170449.14
ESN-4	1012+60.62	38.57' RT	920.06	134600.84	170448.37
ESN-5	1012+58.20	34.20' RT	919.97	134599.55	170443.54
ESN-6	1012+54.09	43.02' RT	920.06	134593.44	170451.11
ESN-7	1012+45.79	45.49' RT	919.68	134584.78	170451.50
ESN-8	1012+50.32	47.66' RT	919.75	134588.65	170454.70
ESN-9	1012+43.63	50.00' RT	919.72	134581.59	170455.36
ESN-10	1012+48.16	52.17' RT	919.80	134585.47	170458.55
ESN-11	1012+42.73	52.87' RT	920.16	134580.03	170457.92

* MATCH EXISTING



LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 71	E

First Avenue South Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
FAS-1	1017+95.74	34.44' RT	920.41	135121.14	170573.51
FAS-2	1017+93.03	32.04' RT	920.01	135119.09	170570.53
FAS-3	1017+81.36	26.23' RT	920.00	135109.17	170562.07
FAS-4	1017+81.35	26.99' RT	919.93	135108.98	170562.81
FAS-5	1017+81.32	31.96' RT	920.01	135107.75	170567.63
FAS-6	1017+75.37	25.25' RT	920.23	135103.59	170559.67
FAS-7	1017+75.32	31.92' RT	920.30	135101.93	170566.14
FAS-8	1017+70.32	25.17' RT	920.20	135098.71	170558.39
FAS-9	1017+70.32	31.94' RT	920.30	135097.08	170564.95
FAS-10	1017+65.32	25.18' RT	920.15	135093.85	170557.18
FAS-11	1017+65.32	31.95' RT	920.47	135092.22	170563.75
FAS-12	1017+83.85	26.99' RT	919.93	135111.40	170563.42
FAS-13	1017+84.69	24.63' RT	919.93	135112.78	170561.33
FAS-14	1017+95.10	30.50' RT	920.13	135121.47	170569.53

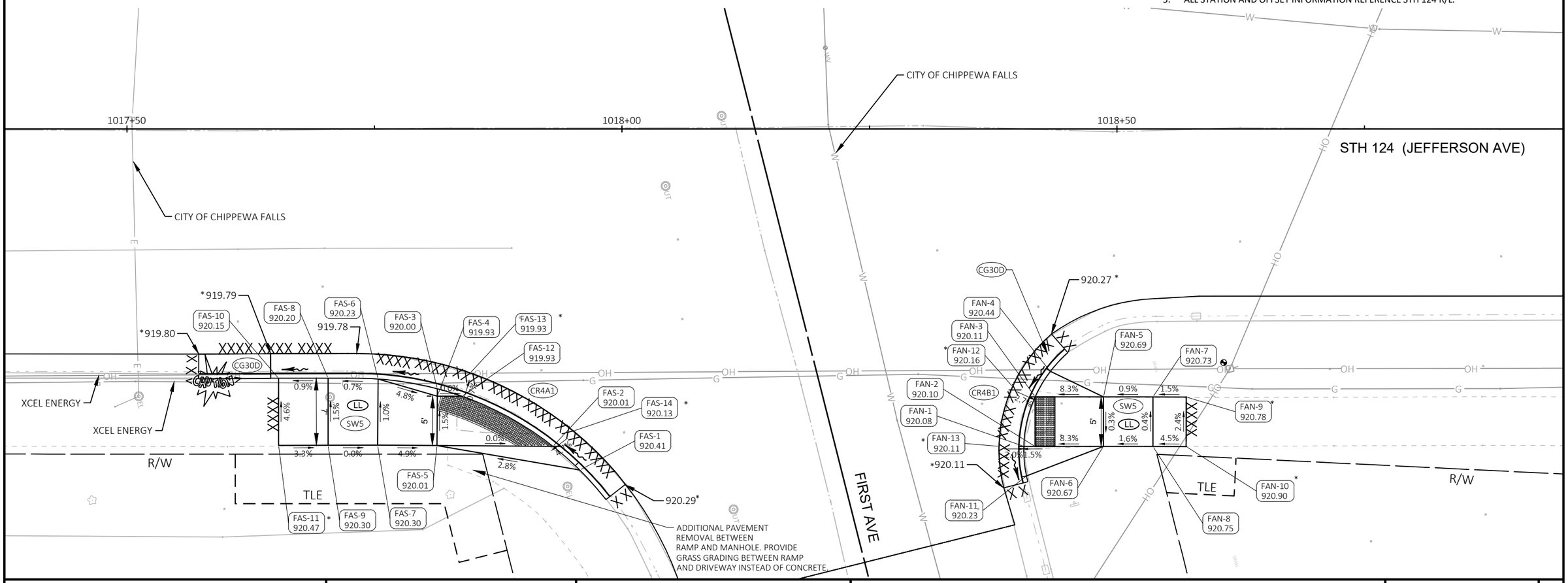
First Avenue North Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
FAN-1	1018+40.60	32.04' RT	920.08	135165.25	170582.01
FAN-2	1018+41.74	32.05' RT	920.10	135166.35	170582.29
FAN-3	1018+41.74	27.05' RT	920.11	135167.56	170577.44
FAN-4	1018+43.27	24.48' RT	920.44	135169.67	170575.32
FAN-5	1018+48.64	27.05' RT	920.69	135174.26	170579.11
FAN-6	1018+48.64	32.05' RT	920.67	135173.05	170583.96
FAN-7	1018+53.64	27.06' RT	920.73	135179.11	170580.32
FAN-8	1018+53.64	32.06' RT	920.75	135177.90	170585.17
FAN-9	1018+57.00	27.06' RT	920.78	135182.37	170581.14
FAN-10	1018+57.00	32.06' RT	920.90	135181.16	170585.99
FAN-11	1018+40.86	35.03' RT	920.23	135164.79	170584.97
FAN-12	1018+39.46	26.02' RT	920.16	135165.60	170575.89
FAN-13	1018+38.10	32.04' RT	920.11	135162.82	170581.41

* MATCH EXISTING

LEGEND

- CRxx — CURB RAMP TYPE
- SOD — SOD LAWN
- SW5 — CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- XXX / XXX.XX — POINT NUMBER & ELEVATION
- XXXX — SAWING ASPHALT/SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 72	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021302-CR.DWG
LAYOUT NAME - 021318
PLOT DATE : 11/18/2024 2:34 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

Second Avenue South Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SAS-1	1021+40.38	31.95' RT	926.99	135456.19	170654.28
SAS-2	1021+38.96	31.95' RT	926.99	135454.82	170653.93
SAS-3	1021+38.98	26.95' RT	926.92	135456.04	170649.09
SAS-4	1021+34.35	26.94' RT	927.12	135451.55	170647.95
SAS-5	1021+34.33	31.94' RT	927.20	135450.32	170652.80
SAS-6	1021+29.35	26.92' RT	927.16	135446.70	170646.73
SAS-7	1021+29.33	31.92' RT	927.27	135445.48	170651.58
SAS-8	1021+37.58	24.30' RT	927.18	135455.32	170646.18
SAS-9	1021+41.16	34.85' RT	927.49	135456.25	170657.28
SAS-10	1021+42.83	31.44' RT	927.09	135458.70	170654.37
SAS-11	1021+41.39	26.27' RT	926.93	135458.54	170649.01

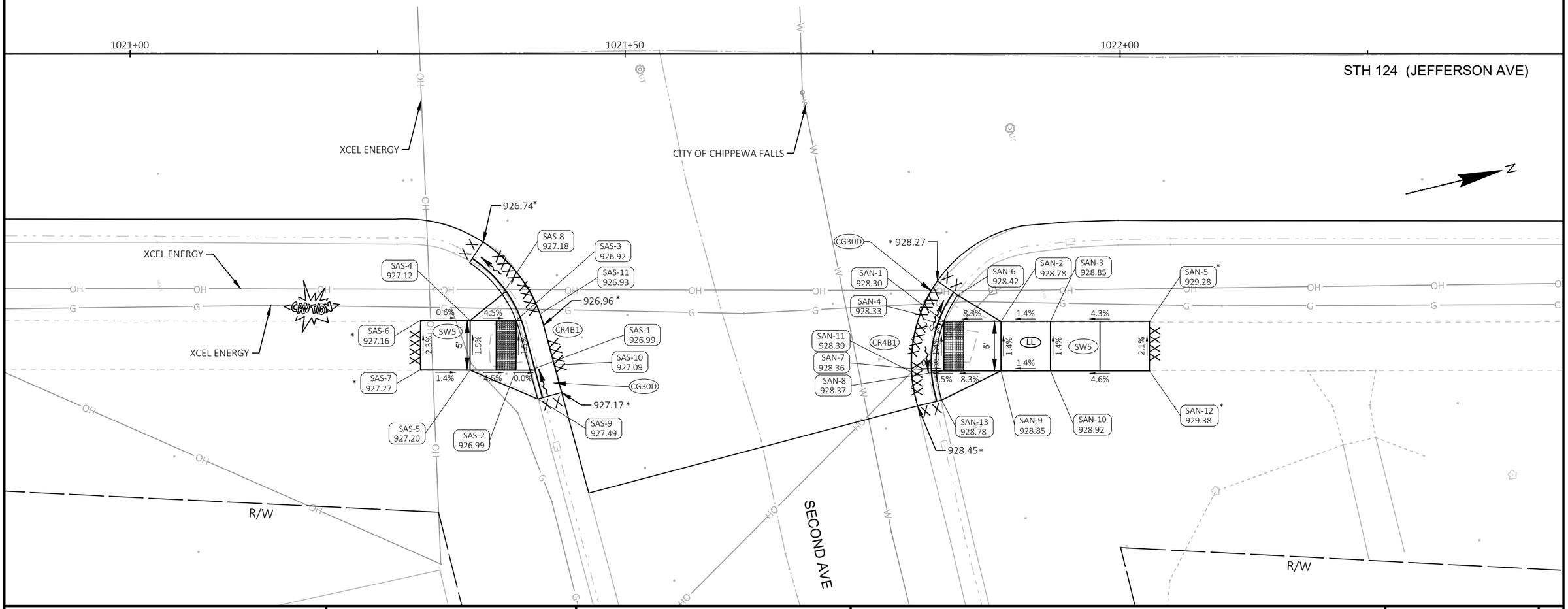
LEGEND

- (CRxx) CURB RAMP TYPE
- (SOD) SOD LAWN
- (SW5) CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (CG30A) CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
- (CG30D) CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
- (XXX / XXX.XX) POINT NUMBER & ELEVATION
- XXXX SAWING ASPHALT/SAWING CONCRETE

* MATCH EXISTING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

Second Avenue North Ramp					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
SAN-1	1021+82.19	27.02' RT	928.30	135497.96	170659.59
SAN-2	1021+87.97	27.03' RT	928.78	135503.56	170660.98
SAN-3	1021+92.97	27.03' RT	928.85	135508.41	170662.19
SAN-4	1021+79.78	26.34' RT	928.33	135495.78	170658.34
SAN-5	1022+02.96	27.03' RT	929.28	135518.11	170664.60
SAN-6	1021+83.59	24.38' RT	928.42	135499.96	170657.36
SAN-7	1021+81.44	32.02' RT	928.36	135496.02	170664.26
SAN-8	1021+82.19	32.02' RT	928.37	135496.75	170664.44
SAN-9	1021+87.97	32.03' RT	928.85	135502.35	170665.84
SAN-10	1021+92.97	32.03' RT	928.92	135507.20	170667.04
SAN-11	1021+78.94	32.14' RT	928.39	135493.57	170663.77
SAN-12	1022+02.96	32.03' RT	929.38	135516.90	170669.46
SAN-13	1021+81.96	34.97' RT	928.78	135495.82	170667.25



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 73	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021302-CR.DWG
LAYOUT NAME - 021319
PLOT DATE : 11/18/2024 2:35 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

PC: 1024+25.87

1024+50

1025+00

1025+50

STH 124 (JEFFERSON AVE)

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 124 R/L.

CITY OF CHIPPEWA FALLS

XCEL ENERGY

XCEL ENERGY

CAUTION

937.06 *

TAS-5 937.26

TAS-9 937.42

TAS-4 937.05

TAS-11 937.12

937.15 *

TAS-7 937.34 *

TAS-8 937.44 *

TAS-10 937.19

TAS-2 937.11

TAS-6 937.35

TAS-3 937.13

TAS-1 937.57

937.29 *

3.0%
1.5%
2.0%
SW5
1.6%
5'
1.6%
4.0%
CR4B1
1.9%
3.0%
1.5%
CG30D

LEGEND

CRxx	CURB RAMP TYPE
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH/ REMOVING CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A/ REMOVING CURB & GUTTER
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D/ REMOVING CURB & GUTTER
XXX XXX.XX	POINT NUMBER & ELEVATION
XXXX	SAWING ASPHALT/SAWING CONCRETE

R/W

THIRD AVE

R/W

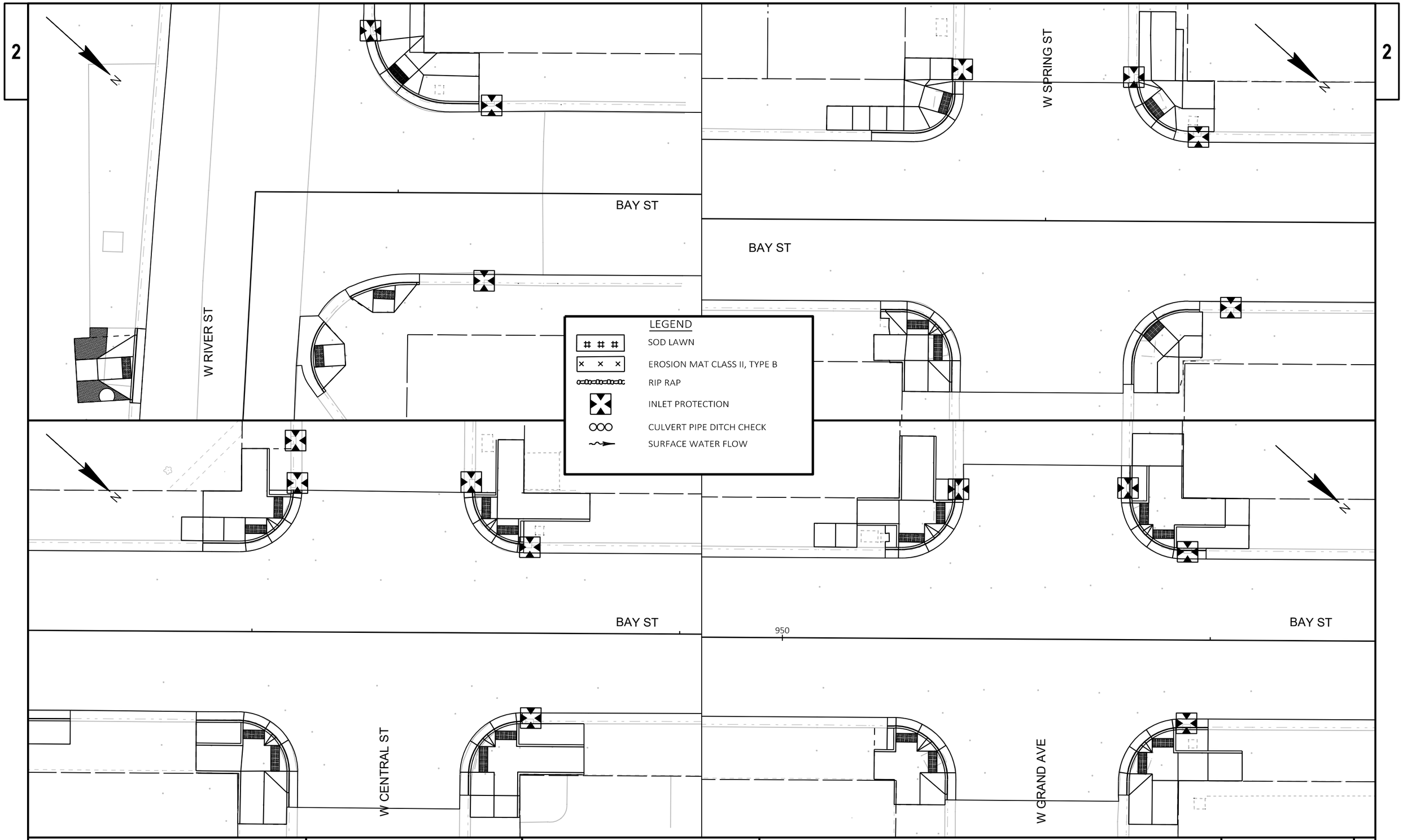
* MATCH EXISTING

Third Avenue South Ramp

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
TAS-1	1024+80.17	35.18' RT	937.57	135786.70	170738.72
TAS-2	1024+79.56	32.24' RT	937.11	135786.68	170735.72
TAS-3	1024+78.33	32.27' RT	937.13	135785.45	170735.49
TAS-4	1024+78.22	27.27' RT	937.05	135786.36	170730.57
TAS-5	1024+71.30	27.45' RT	937.26	135779.43	170729.28
TAS-6	1024+71.43	32.45' RT	937.35	135778.51	170734.19
TAS-7	1024+66.39	27.60' RT	937.34	135774.51	170728.36
TAS-8	1024+66.55	32.60' RT	937.44	135773.60	170733.28
TAS-9	1024+76.72	24.70' RT	937.42	135785.40	170727.74
TAS-10	1024+81.97	31.82' RT	937.19	135789.19	170735.80
TAS-11	1024+80.55	26.47' RT	937.12	135788.86	170730.27

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CURB RAMP DETAILS	SHEET 74	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\021302-CR.DWG
LAYOUT NAME - 021320
PLOT DATE : 11/18/2024 2:36 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	EROSION CONTROL	SHEET 75	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 11/18/2024 2:09 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 44

2

2

W WILLOW ST

BAY ST

BAY ST

W COLUMBIA ST

LEGEND

SOD LAWN

EROSION MAT CLASS II, TYPE B

RIP RAP

INLET PROTECTION

CULVERT PIPE DITCH CHECK

SURFACE WATER FLOW

W SPRUCE ST

960

BAY ST

BAY ST

W BIRCH ST

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	EROSION CONTROL	SHEET 76	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\022001-EC.DWG
LAYOUT NAME - 02

PLOT DATE : 11/18/2024 2:11 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 44

2

OAK ST

BAY ST

W CEDAR ST

BAY ST

W CEDAR ST

LEGEND

SOD LAWN

EROSION MAT CLASS II, TYPE B

RIP RAP

INLET PROTECTION

CULVERT PIPE DITCH CHECK

SURFACE WATER FLOW

N BRIDGE ST

N BRIDGE ST

975

W CEDAR ST

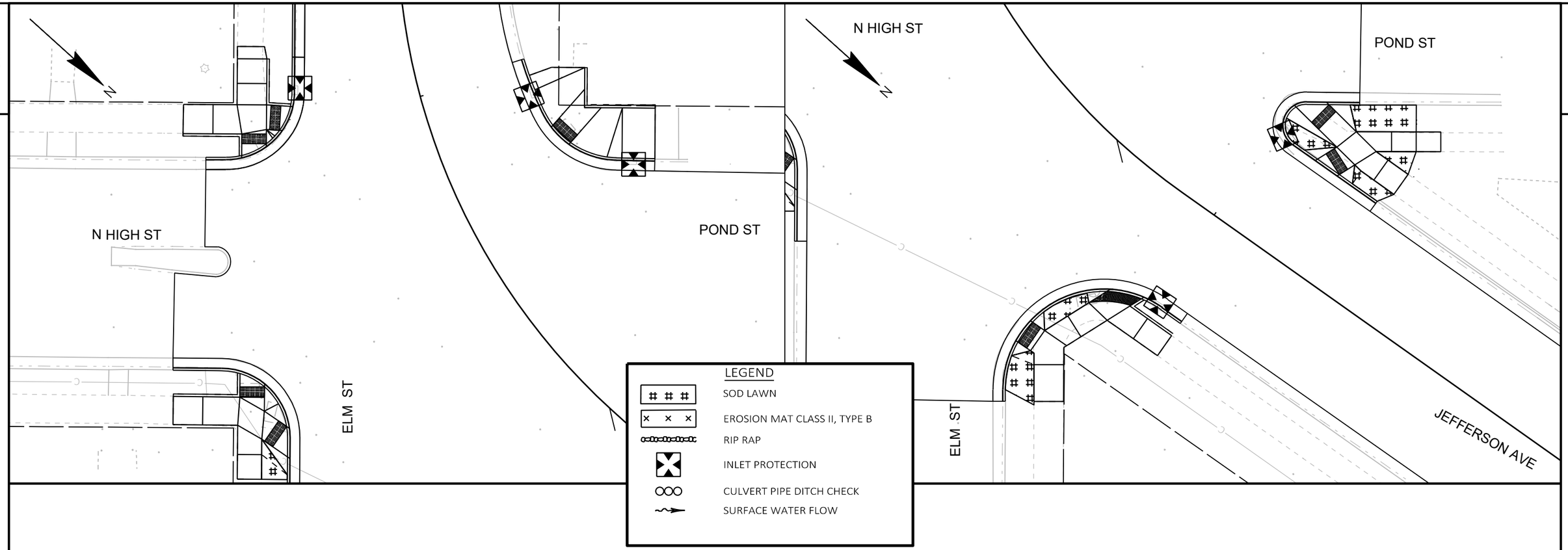
ELM ST

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	EROSION CONTROL	SHEET 77	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\022001-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 11/18/2024 2:12 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

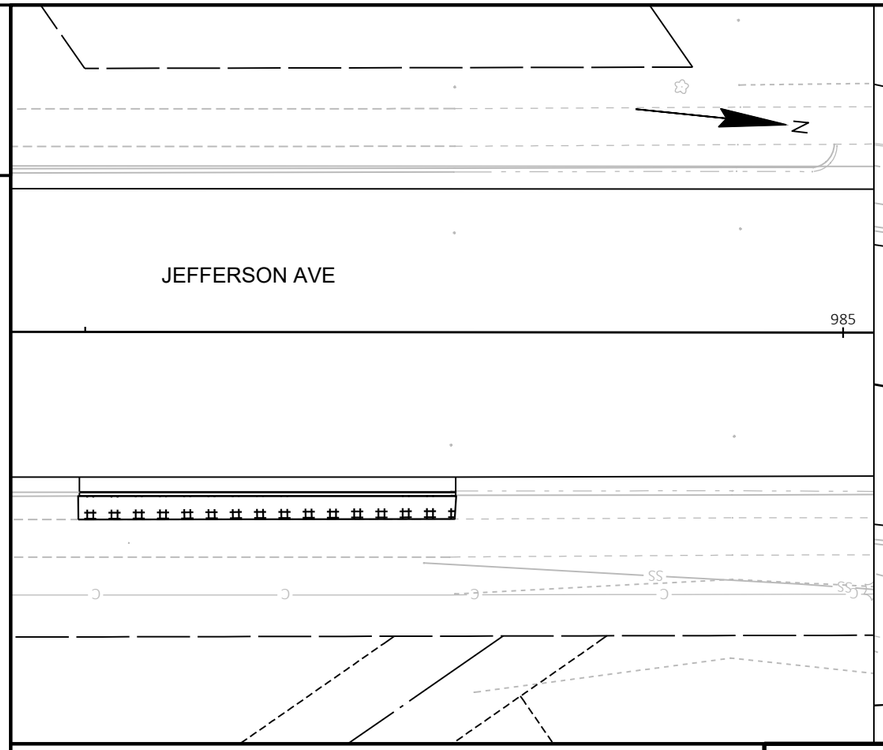
WISDOT/CADDS SHEET 44

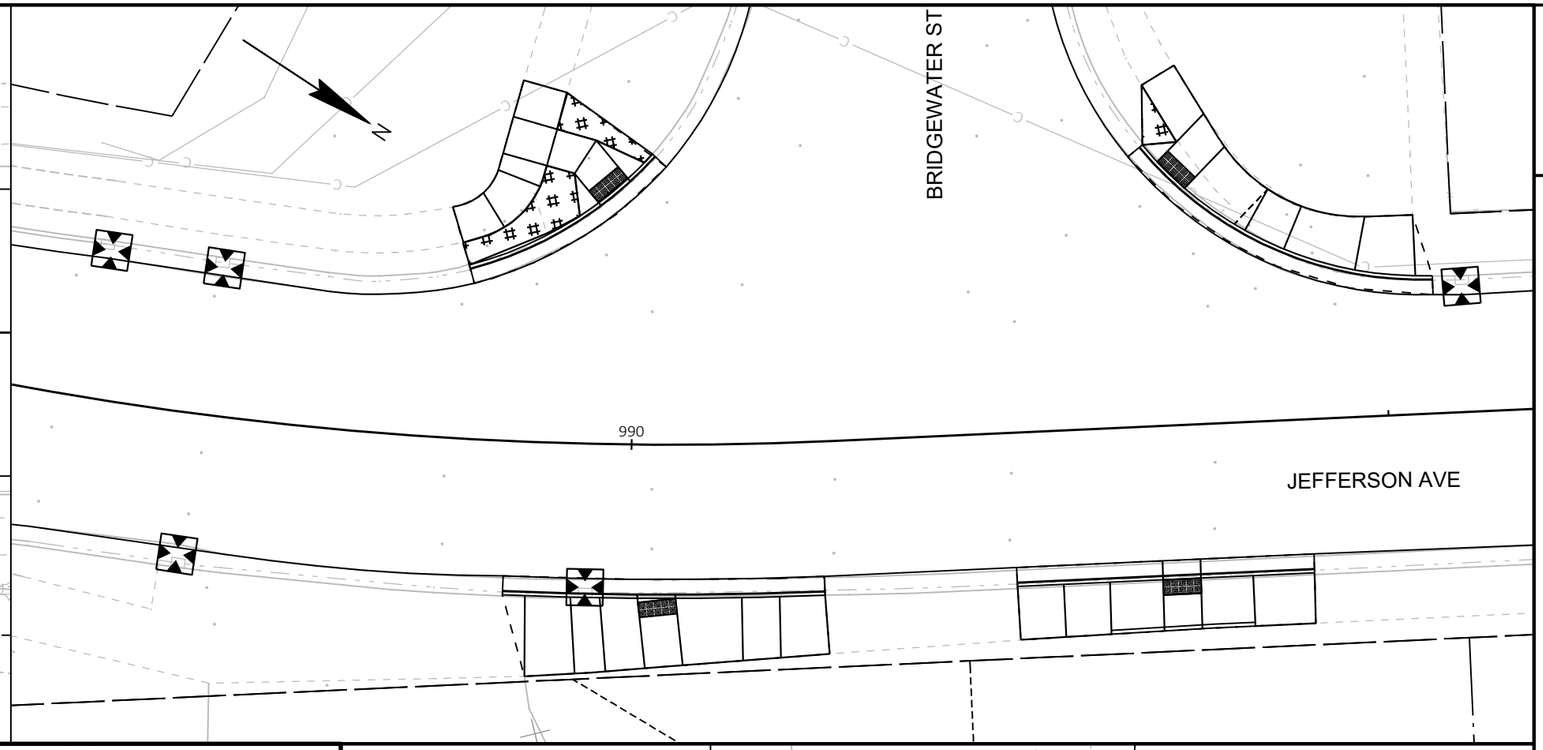


2

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	EROSION CONTROL	SHEET 78	E

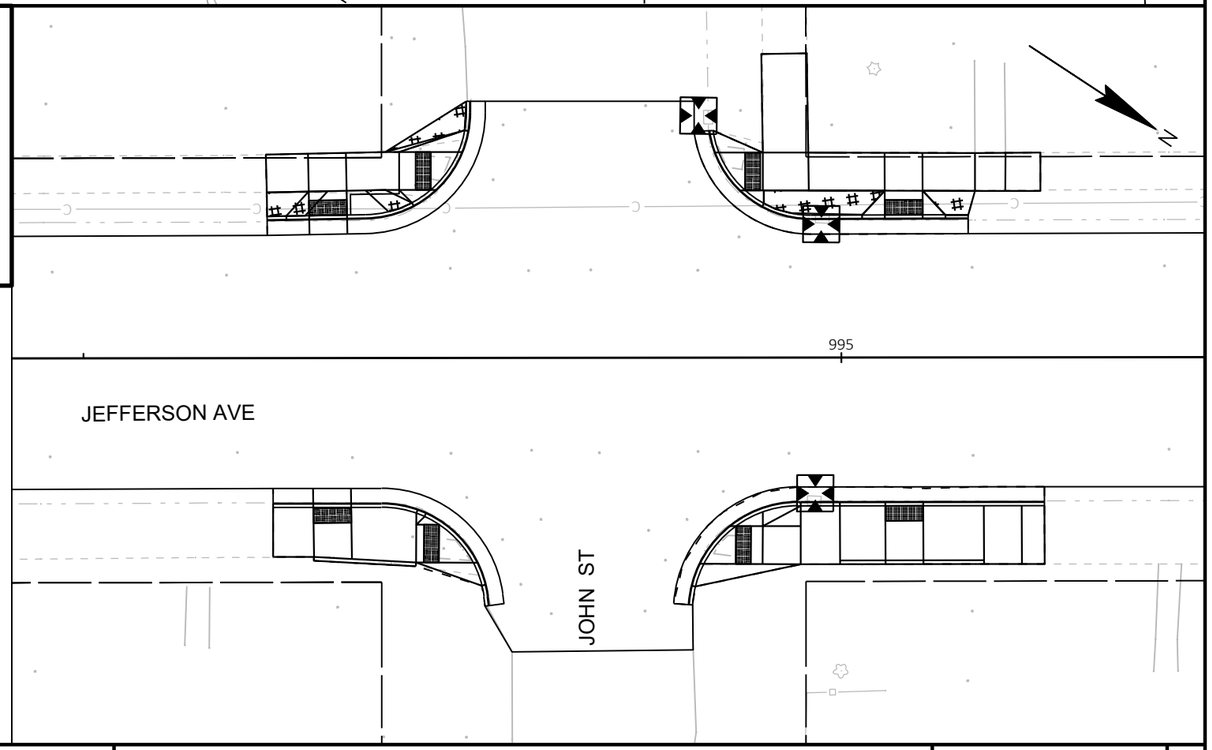
FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\022001-EC.DWG
LAYOUT NAME - 04
PLOT DATE : 11/18/2024 2:12 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN: 20 FT
WISDOT/CADDS SHEET 44





LEGEND

- SOD LAWN
- EROSION MAT CLASS II, TYPE B
- RIP RAP
- INLET PROTECTION
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	EROSION CONTROL	SHEET 79	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\022001-EC.DWG
LAYOUT NAME - 04 (2)
PLOT DATE : 11/18/2024 2:13 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN: 20 FT
WISDOT/CADDS SHEET 44

2

FAIR ST

JEFFERSON AVE

IRVINE PARK DR

1000

JEFFERSON AVE

LEGEND

SOD LAWN

EROSION MAT CLASS II, TYPE B

RIP RAP

INLET PROTECTION

CULVERT PIPE DITCH CHECK

SURFACE WATER FLOW

JEFFERSON AVE

JEFFERSON AVE

EDWARD ST

FIRST AVE

2

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	EROSION CONTROL	SHEET 80	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\022001-EC.DWG
LAYOUT NAME - 05
PLOT DATE : 11/18/2024 2:14 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN: 20 FT
WISDOT/CADDS SHEET 44

2

JEFFERSON AVE

SECOND AVE

JEFFERSON AVE

1025

THIRD AVE

LEGEND

SOD LAWN

EROSION MAT CLASS II, TYPE B

RIP RAP

INLET PROTECTION

CULVERT PIPE DITCH CHECK

SURFACE WATER FLOW

R/W

1050

STH 124

SLOPE INTERCEPT (TYP.)

R/W

: 20 FT

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	EROSION CONTROL	SHEET 81	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\022001-EC.DWG
LAYOUT NAME - 06

PLOT DATE : 11/18/2024 2:15 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE :

WISDOT/CADDS SHEET 44

2

2

R/W

SLOPE INTERCEPT (TYP.)

1065

STH 124

R/W

LEGEND

SOD LAWN

EROSION MAT CLASS II, TYPE B

RIP RAP

INLET PROTECTION

CULVERT PIPE DITCH CHECK

SURFACE WATER FLOW

R/W

1070

STH 124

SLOPE INTERCEPT (TYP.)

R/W

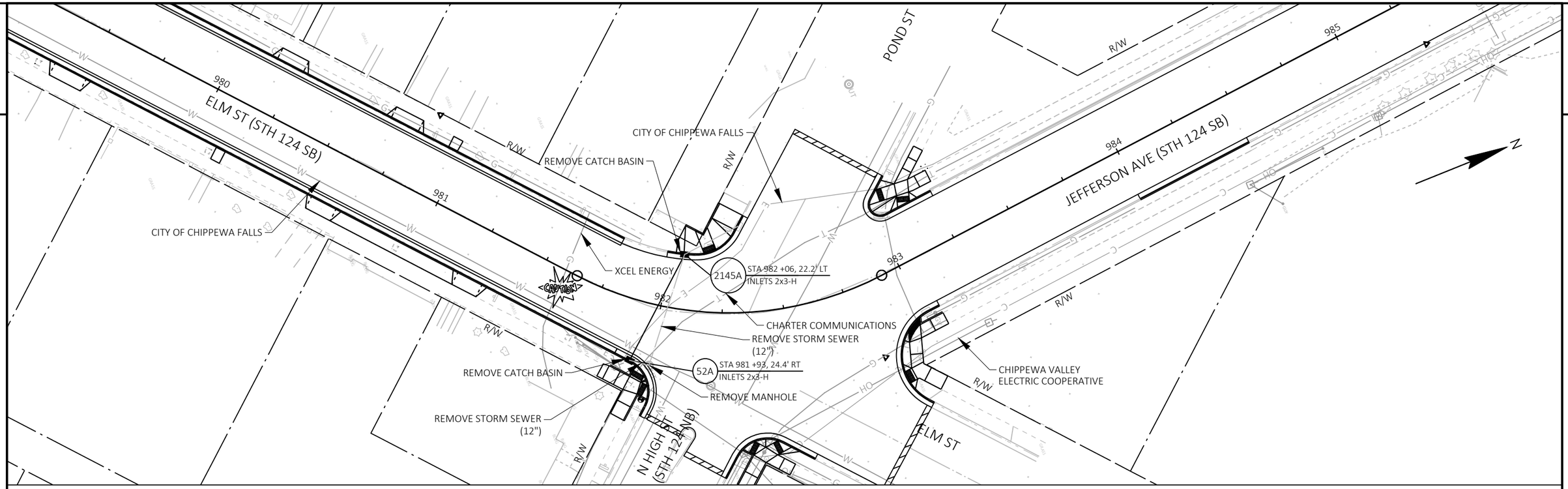
R/W

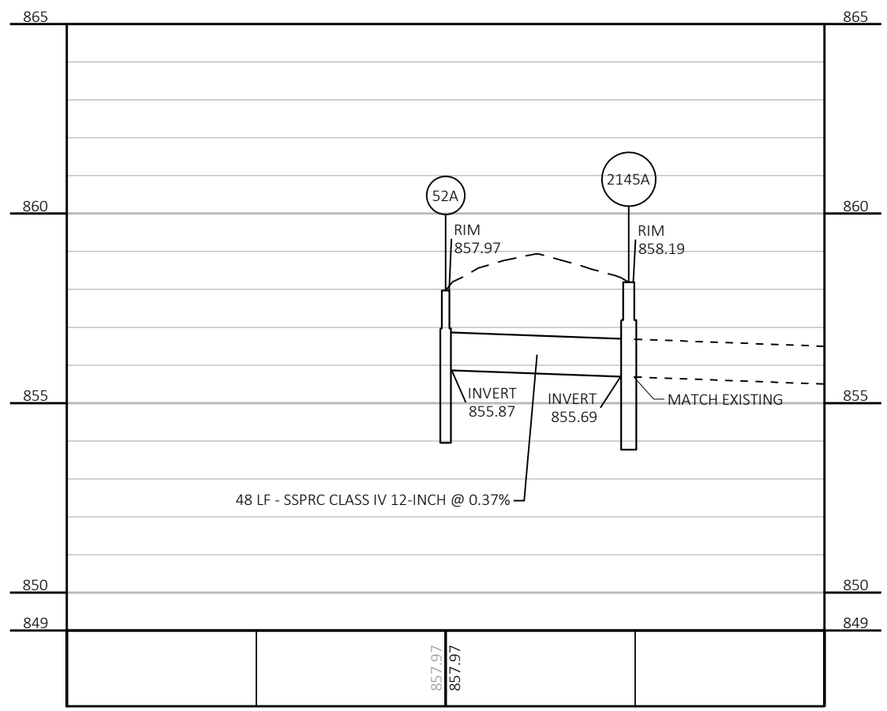
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	EROSION CONTROL	SHEET 82	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\022001-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 11/18/2024 2:15 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN: 40 FT

WISDOT/CADDS SHEET 44


POND ST
ELM ST (STH 124 SB)
JEFFERSON AVE (STH 124 SB)
N HIGH ST (STH 124 NB)
ELM ST
980
981
982
983
984
985
R/W
CITY OF CHIPPEWA FALLS
REMOVE CATCH BASIN
XCEL ENERGY
2145A
STA 982 +06, 22.2' LT
INLETS 2x3-H
CHARTER COMMUNICATIONS
REMOVE STORM SEWER
(12")
52A
STA 981 +93, 24.4' RT
INLETS 2x3-H
REMOVE MANHOLE
CHIPPEWA VALLEY
ELECTRIC COOPERATIVE
CAUTION
N

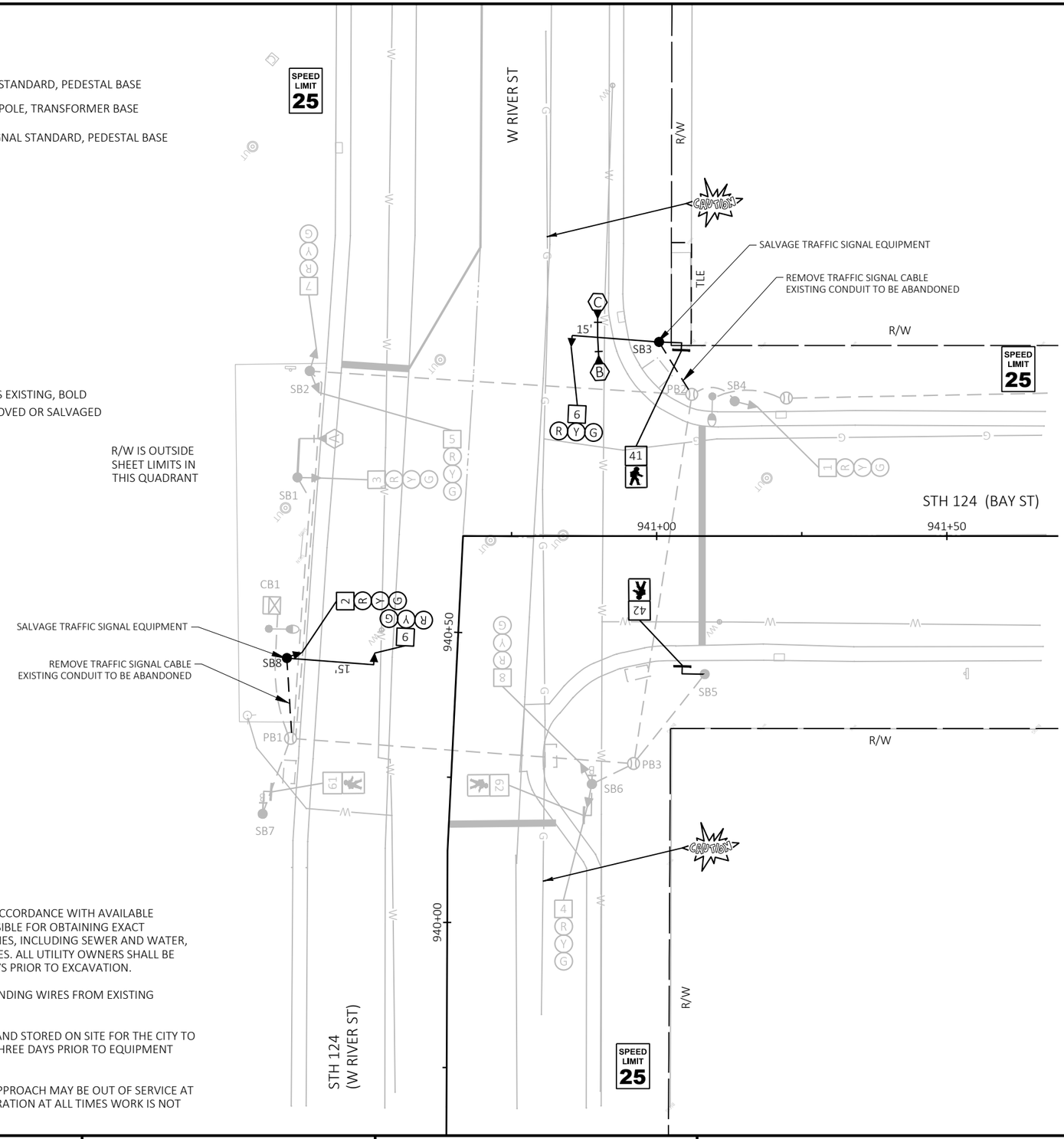

865
860
855
850
849
52A
2145A
RIM
857.97
RIM
858.19
INVERT
855.87
INVERT
855.69
MATCH EXISTING
48 LF - SSPRC CLASS IV 12-INCH @ 0.37%
857.97
857.97

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR / WALK INDICATOR

NOTE: GRAYSHADE REPRESENTS EXISTING, BOLD REPRESENTS ITEMS TO BE REMOVED OR SALVAGED

R/W IS OUTSIDE SHEET LIMITS IN THIS QUADRANT



CONSTRUCTION NOTES:

1. EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND THE ELEVATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 3 WORKING DAYS PRIOR TO EXCAVATION.
2. REMOVE ALL TRAFFIC SIGNAL CABLE AND GROUNDING WIRES FROM EXISTING CONDUIT TO BE ABANDONED.
3. TRAFFIC SIGNAL EQUIPMENT TO BE SALVAGED AND STORED ON SITE FOR THE CITY TO PICK UP. CONTACT RICK RUF AT 715-720-6975 THREE DAYS PRIOR TO EQUIPMENT REMOVAL.
4. A MAXIMUM OF ONE SIGNAL FACE FOR EACH APPROACH MAY BE OUT OF SERVICE AT ONE TIME. EACH SIGNAL FACE SHALL BE IN OPERATION AT ALL TIMES WORK IS NOT BEING ACTIVELY PERFORMED ON THAT FACE.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & STH 124/RIVER ST
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 84	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SR.DWG
LAYOUT NAME - 024201-sr
PLOT DATE : 11/18/2024 9:34 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT

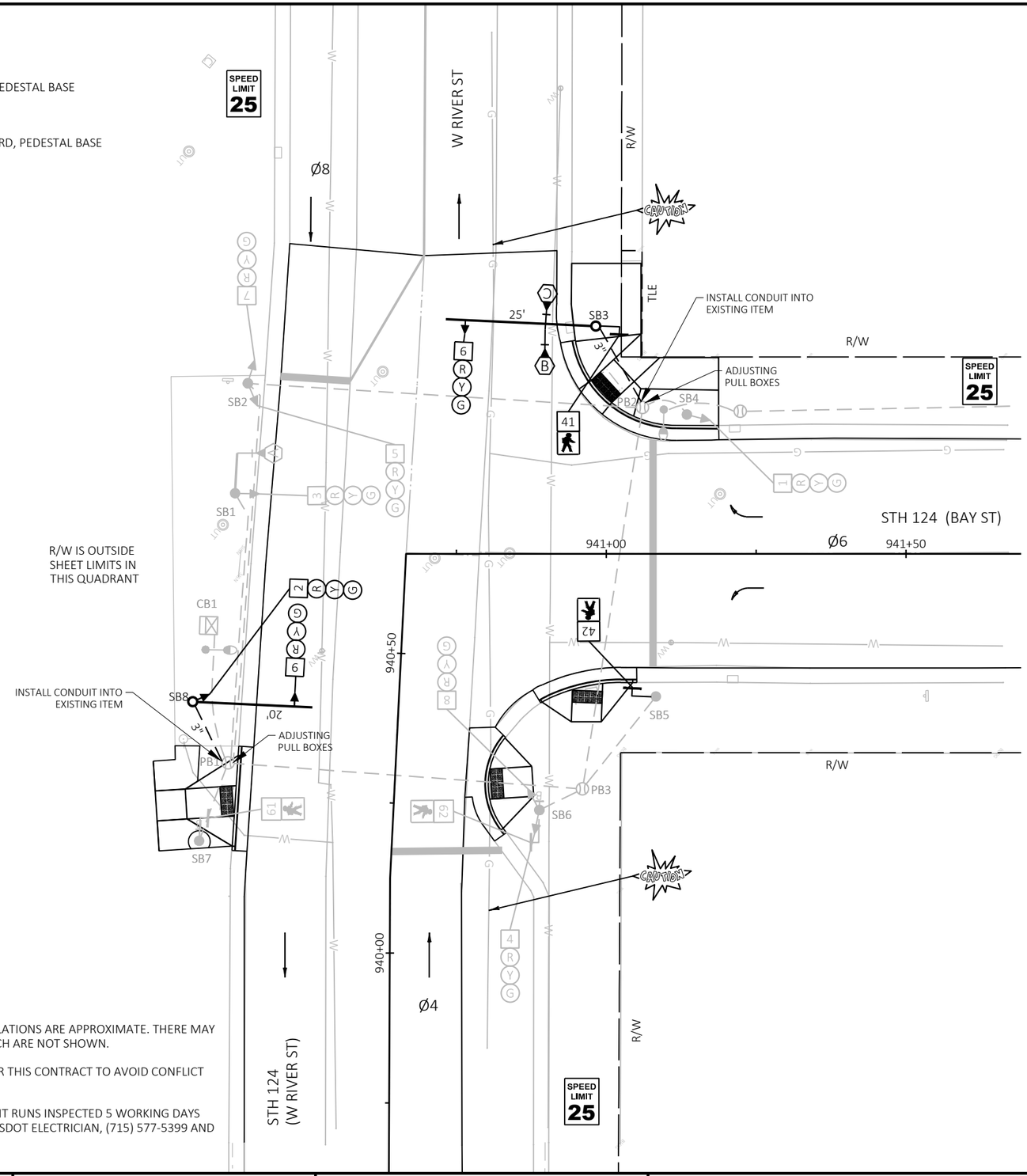
WISDOT/CADDS SHEET 42

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR / WALK INDICATOR
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

SIGNAL BASE	MONOTUBE NO.
SB3	S-09-037
SB8	S-09-036



CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FEATURES.
3. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT WISDOT ELECTRICIAN, (715) 577-5399 AND RICK RUF OF THE CITY OF CHIPPEWA FALLS AT 715-720-6975.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & STH 124/RIVER ST
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL PLAN	SHEET 85	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SP.DWG
LAYOUT NAME - 024201-sp
PLOT DATE : 11/18/2024 9:51 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

INTERSECTION:	8610-02-74
	STH 124/BAY ST & RIVER ST

SIGNAL WIRE COLOR CODING			
	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

DATE: Mar-24

CB1 TO	AWG 14 # OF COND.	HEAD NO.	SIGNAL INDICATION WIRE COLOR												PED BUTTON	OTHER
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	"–"	"Δ"	"|"	D/WALK	WALK		
SB1	EXISTING	3	EXISTING													
SB2	EXISTING	5	EXISTING													
		7	EXISTING													
SB3	7	6	RED	ORG	GRN											
		41											BLK	BLU		
SB4	EXISTING	1	EXISTING													
SB5	EXISTING	42	EXISTING													
SB6	EXISTING	4	EXISTING													
		8	EXISTING													
		62	EXISTING													
		PB	EXISTING													
SB7	EXISTING	61	EXISTING													
		PB	EXISTING													
SB8	12	2				RED/BLK	ORG/BLK		GRN/BLK							
		9	RED	ORG	GRN											
		10	RED	ORG	GRN											

NOTES:
1. USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
4. REESTABLISH THE EXISTING EQUIPMENT GROUNDING CONDUCTOR FROM BASE TO BASE FOR ALL SIGNAL BASES, IN ACCORDANCE WITH THE WISCONSIN ELECTRICAL CODE.

EQUIPMENT GROUNDING CONDUCTORS 10 AWG GRN XLP	
FROM	TO
SB2	SB3
SB3	SB4
SB7	SB8
SB8	CB1

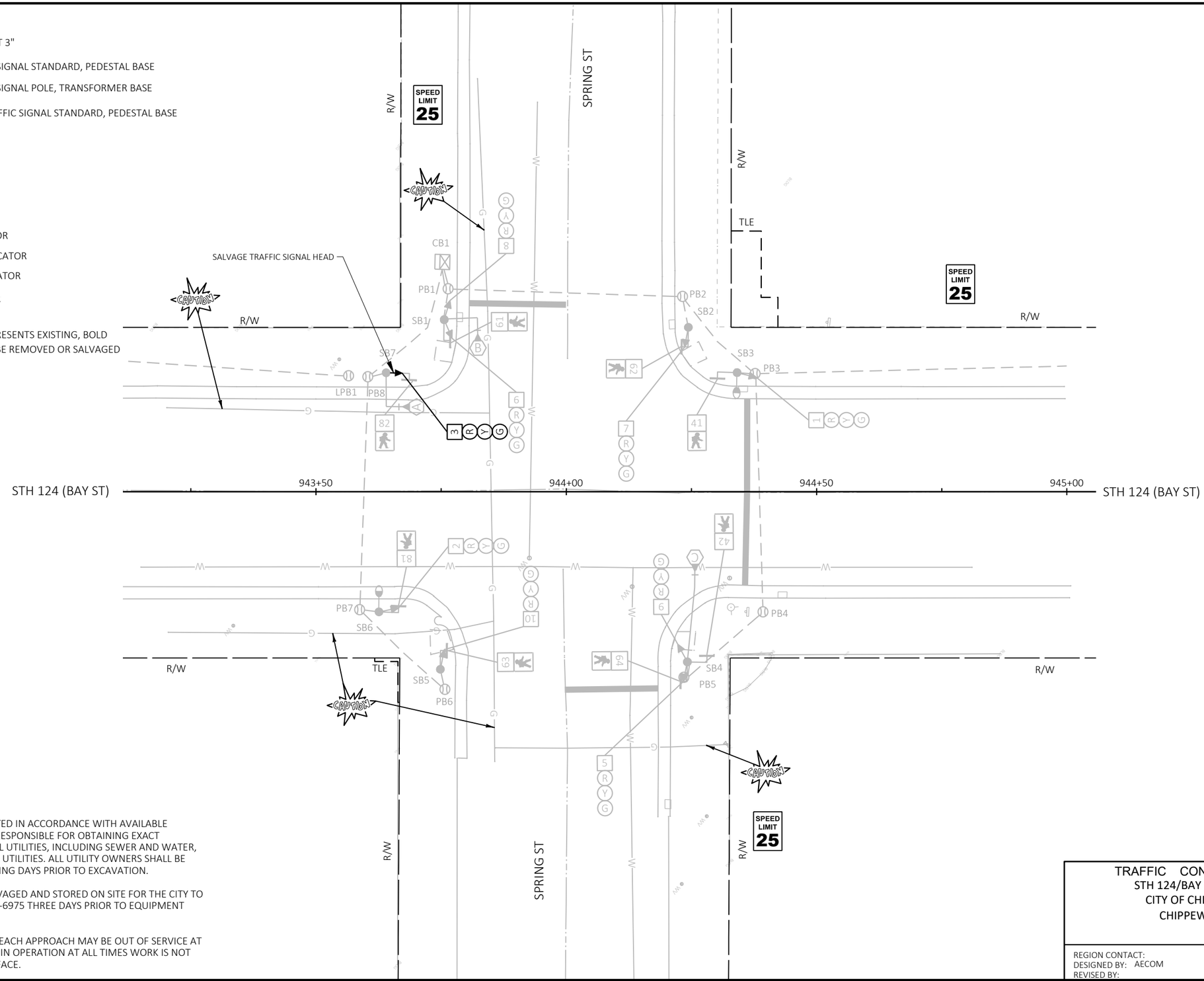
EMERGENCY VEHICLE PREEMPTION		
HEAD	FROM	TO
A	CB1	SB1
B	CB1	SB3
C	CB1	SB3

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	SB8
PB2	SB4
PB3	SB6

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR / WALK INDICATOR

NOTE: GRAYSHADE REPRESENTS EXISTING, BOLD REPRESENTS ITEMS TO BE REMOVED OR SALVAGED



CONSTRUCTION NOTES:

1. EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND THE ELEVATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 3 WORKING DAYS PRIOR TO EXCAVATION.
2. TRAFFIC SIGNAL EQUIPMENT TO BE SALVAGED AND STORED ON SITE FOR THE CITY TO PICK UP. CONTACT RICK RUF AT 715-720-6975 THREE DAYS PRIOR TO EQUIPMENT REMOVAL.
3. A MAXIMUM OF ONE SIGNAL FACE FOR EACH APPROACH MAY BE OUT OF SERVICE AT ONE TIME. EACH SIGNAL FACE SHALL BE IN OPERATION AT ALL TIMES WORK IS NOT BEING ACTIVELY PERFORMED ON THAT FACE.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & SPRING ST
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 87	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SR.DWG
LAYOUT NAME - 024202-sr

PLOT DATE : 11/18/2024 9:36 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT

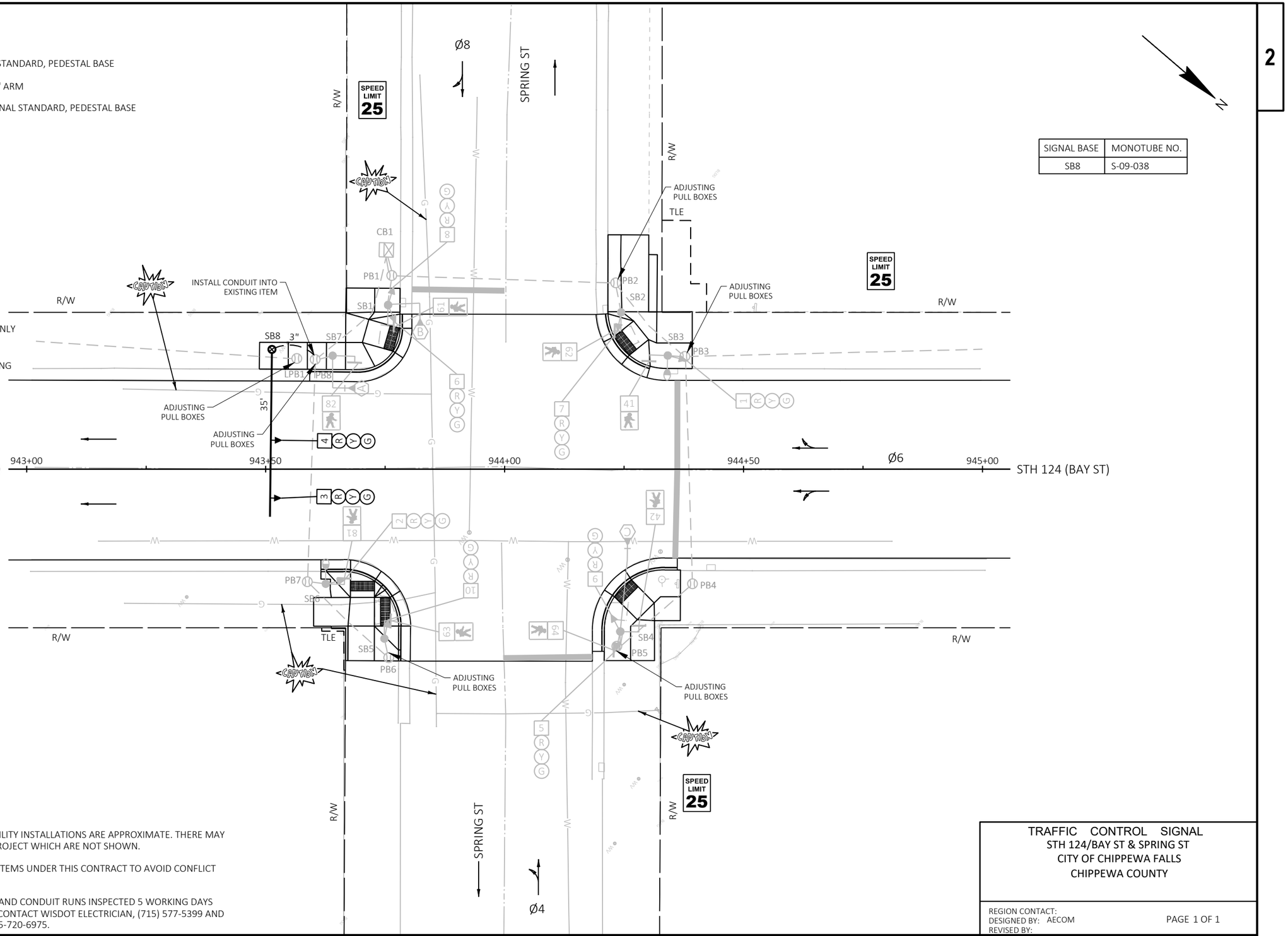
WISDOT/CADDS SHEET 42

2

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR / WALK INDICATOR
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING



SIGNAL BASE	MONOTUBE NO.
SB8	S-09-038

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FEATURES.
3. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT WISDOT ELECTRICIAN, (715) 577-5399 AND RICK RUF OF THE CITY OF CHIPPEWA FALLS AT 715-720-6975.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & SPRING ST
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL PLAN	SHEET 88	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SP.DWG
LAYOUT NAME - 024202-sp
PLOT DATE : 11/18/2024 9:53 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

INTERSECTION:	8610-02-74 STH 124/BAY ST & SPRING ST

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

DATE: Mar-24

CB1 TO	AWG 14 # OF COND.	HEAD NO.	SIGNAL INDICATION WIRE COLOR												PED BUTTON	OTHER
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	" – "	"Δ"	"|"	D/WALK	WALK		
SB1	EXISTING	6	EXISTING													
		8	EXISTING													
		61	EXISTING													
SB2	EXISTING	7	EXISTING													
		62	EXISTING													
SB3	EXISTING	1	EXISTING													
		41	EXISTING													
SB4	EXISTING	5	EXISTING													
		9	EXISTING													
		42	EXISTING													
		64	EXISTING													
SB5	EXISTING	10	EXISTING													
		63	EXISTING													
SB6	EXISTING	2	EXISTING													
		81	EXISTING													
SB7	EXISTING	82	EXISTING													
SB8	7	3	RED	ORG	GRN											
		4	RED	ORG	GRN											

NOTES:
1. USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART.
   CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
4. REESTABLISH THE EXISTING EQUIPMENT GROUNDING CONDUCTOR FROM BASE TO BASE FOR ALL SIGNAL BASES, IN ACCORDANCE WITH THE WISCONSIN ELECTRICAL CODE.

EQUIPMENT GROUNDING CONDUCTORS 10 AWG GRN XLP	
FROM	TO
SB7	SB8
SB8	CB1

EMERGENCY VEHICLE PREEMPTION		
HEAD	FROM	TO
A	CB1	SB7
B	CB1	SB1
C	CB1	SB4

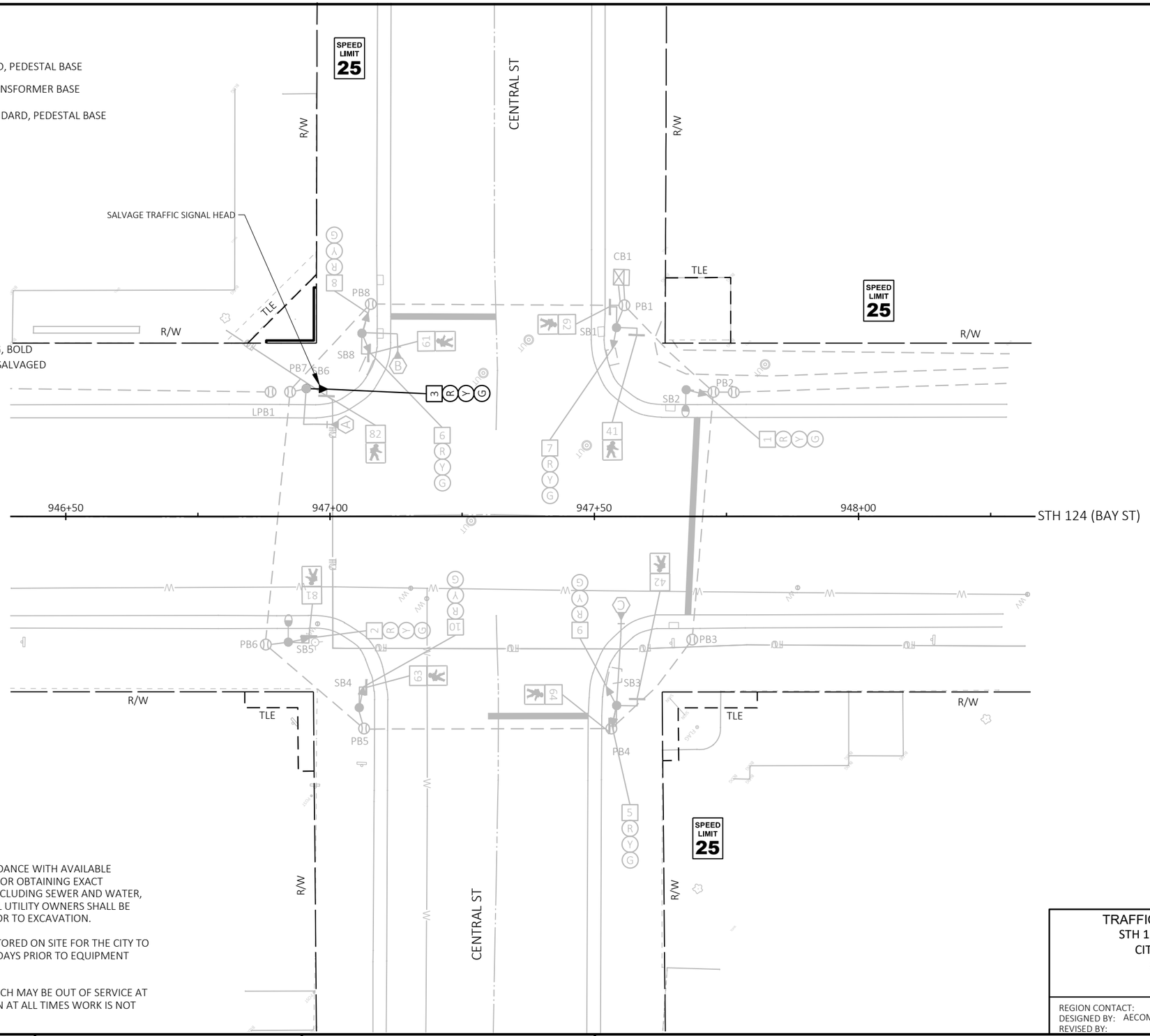
PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	CABLE ROUTING	SHEET NO: 89	E

FILE NAME : "C:\OneDrive\AECOM\Larson, Zach - STH 124\410_Signals\Quantities\STH 124 Cable Routing sheets.ppt" PLOT DATE : 5/23/2024 1:43 PM PLOT BY : JAMES JENINGA PLOT NAME : STH-124_RIVER ST_mq PLOT SCALE : 1.000000:1.000000
WISDOT / CADDS SHEET 42

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR / WALK INDICATOR

NOTE: GRAYSHADE REPRESENTS EXISTING, BOLD REPRESENTS ITEMS TO BE REMOVED OR SALVAGED



CONSTRUCTION NOTES:

1. EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND THE ELEVATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 3 WORKING DAYS PRIOR TO EXCAVATION.
2. TRAFFIC SIGNAL EQUIPMENT TO BE SALVAGED AND STORED ON SITE FOR THE CITY TO PICK UP. CONTACT RICK RUF AT 715-720-6975 THREE DAYS PRIOR TO EQUIPMENT REMOVAL.
3. A MAXIMUM OF ONE SIGNAL FACE FOR EACH APPROACH MAY BE OUT OF SERVICE AT ONE TIME. EACH SIGNAL FACE SHALL BE IN OPERATION AT ALL TIMES WORK IS NOT BEING ACTIVELY PERFORMED ON THAT FACE.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & CENTRAL ST
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 90	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SR.DWG
LAYOUT NAME - 024203-sr
PLOT DATE : 11/18/2024 9:37 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT

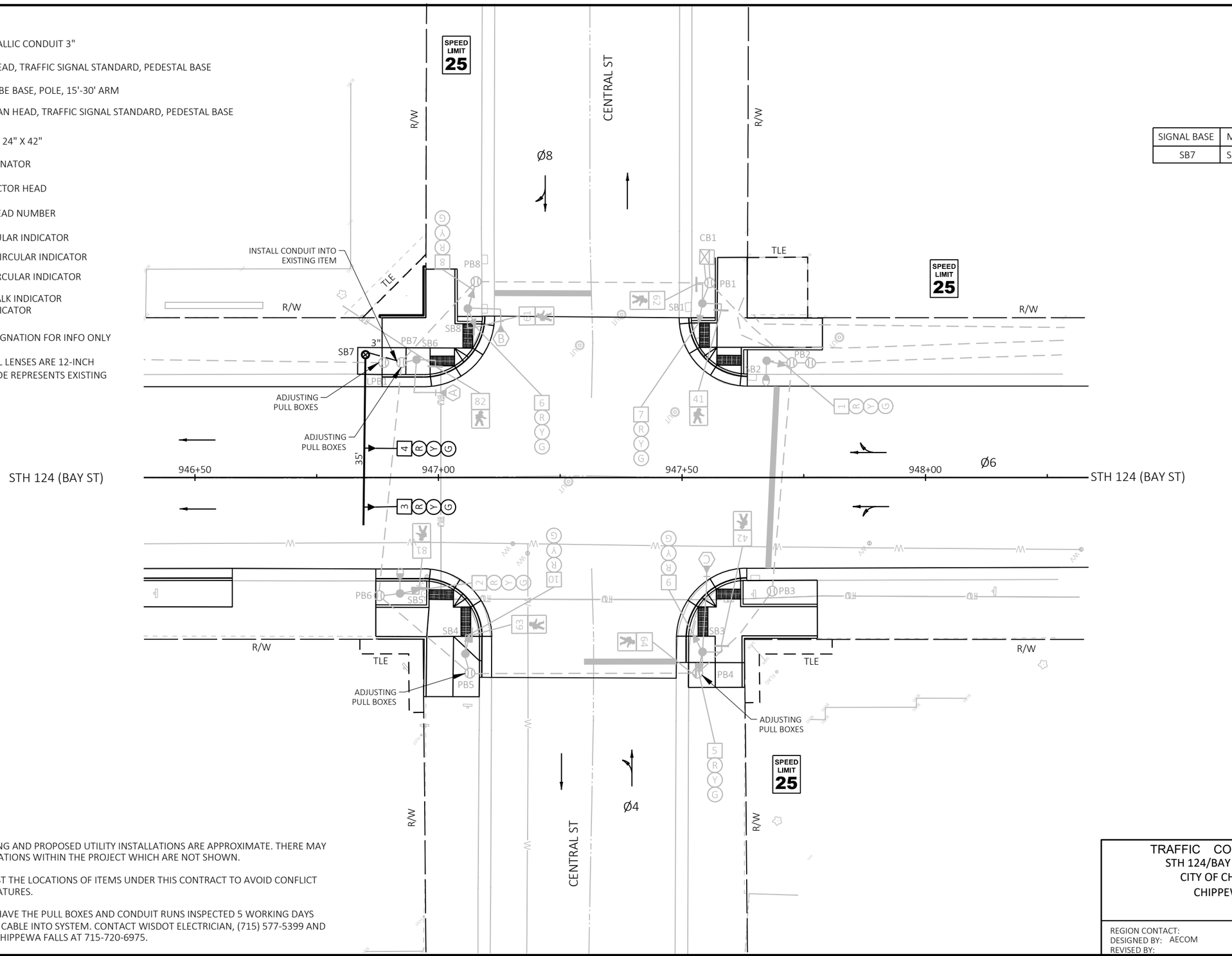
WISDOT/CADDS SHEET 42

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR / WALK INDICATOR
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

SIGNAL BASE	MONOTUBE NO.
SB7	S-09-039



CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FEATURES.
3. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT WISDOT ELECTRICIAN, (715) 577-5399 AND RICK RUF OF THE CITY OF CHIPPEWA FALLS AT 715-720-6975.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & CENTRAL ST
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL PLAN	SHEET 91	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SP.DWG
LAYOUT NAME - 024203-sp
PLOT DATE : 11/18/2024 9:53 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

INTERSECTION:	8610-02-74
	STH 124/BAY ST & CENTRAL ST

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

DATE: Mar-24

CB1 TO	AWG 14 # OF COND.	HEAD NO.	SIGNAL INDICATION WIRE COLOR												PED BUTTON	OTHER
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	" – "	"A"	"|"	D/WALK	WALK		
SB1	EXISTING	7	EXISTING													
		41	EXISTING													
		62	EXISTING													
SB2	EXISTING	1	EXISTING													
SB3	EXISTING	5	EXISTING													
		9	EXISTING													
		42	EXISTING													
		64	EXISTING													
SB4	EXISTING	10	EXISTING													
		63	EXISTING													
SB5	EXISTING	2	EXISTING													
		81	EXISTING													
SB6	EXISTING	82	EXISTING													
SB7	7	3	RED	ORG	GRN											
		4	RED	ORG	GRN											
SB8	EXISTING	6	EXISTING													
		8	EXISTING													
		61	EXISTING													

NOTES:
1. USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
4. REESTABLISH THE EXISTING EQUIPMENT GROUNDING CONDUCTOR FROM BASE TO BASE FOR ALL SIGNAL BASES, IN ACCORDANCE WITH THE WISCONSIN ELECTRICAL CODE.

EQUIPMENT GROUNDING CONDUCTORS 10 AWG GRN XLP	
FROM	TO
SB6	SB7
SB7	SB8

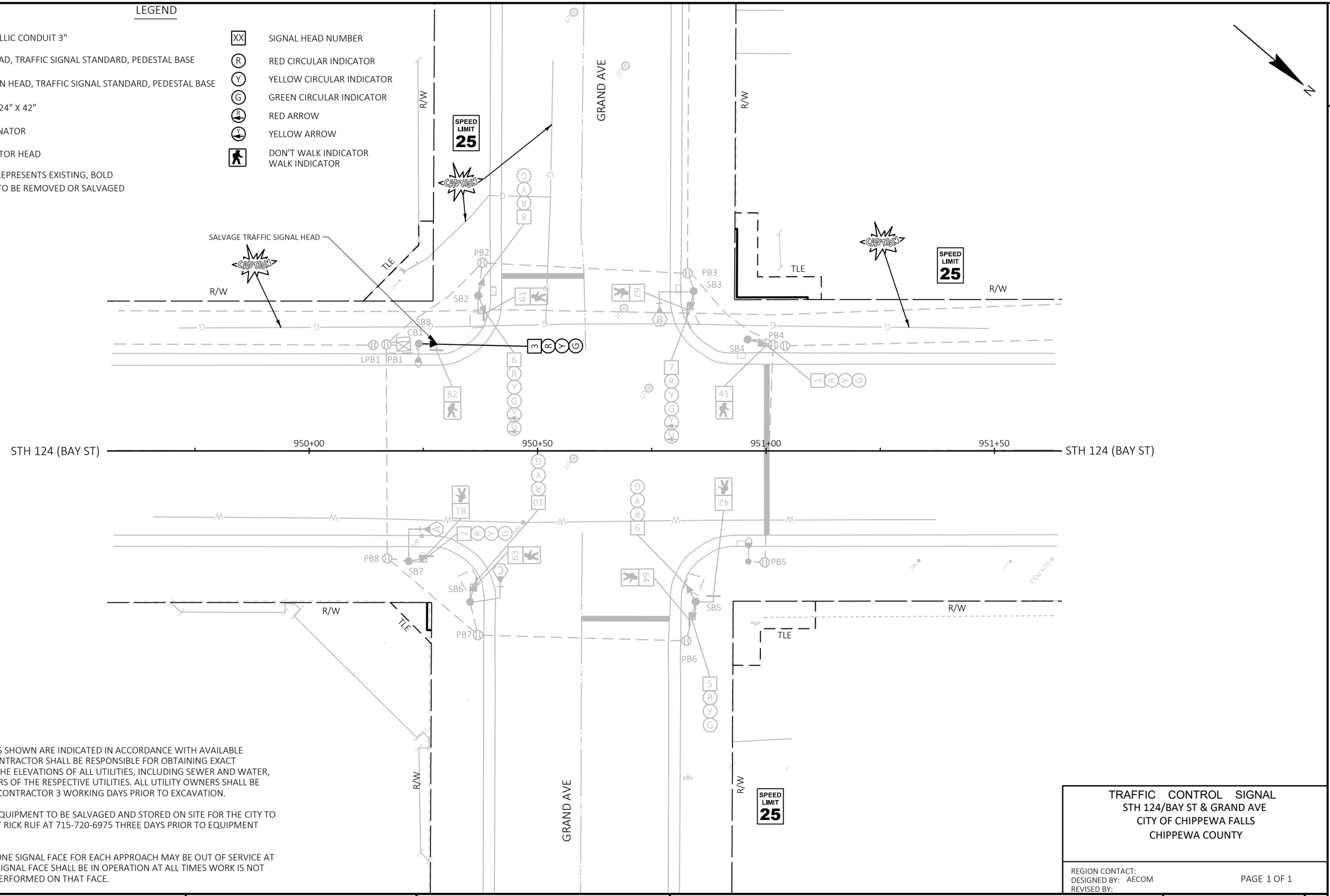
EMERGENCY VEHICLE PREEMPTION		
HEAD	FROM	TO
A	CB1	SB6
B	CB1	SB8
C	CB1	SB3

2

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- DON'T WALK INDICATOR / WALK INDICATOR

NOTE: GRAYSHADE REPRESENTS EXISTING, BOLD REPRESENTS ITEMS TO BE REMOVED OR SALVAGED



CONSTRUCTION NOTES:

1. EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND THE ELEVATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 3 WORKING DAYS PRIOR TO EXCAVATION.
2. TRAFFIC SIGNAL EQUIPMENT TO BE SALVAGED AND STORED ON SITE FOR THE CITY TO PICK UP. CONTACT RICK RUF AT 715-720-6975 THREE DAYS PRIOR TO EQUIPMENT REMOVAL.
3. A MAXIMUM OF ONE SIGNAL FACE FOR EACH APPROACH MAY BE OUT OF SERVICE AT ONE TIME. EACH SIGNAL FACE SHALL BE IN OPERATION AT ALL TIMES WORK IS NOT BEING ACTIVELY PERFORMED ON THAT FACE.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & GRAND AVE
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 93	E

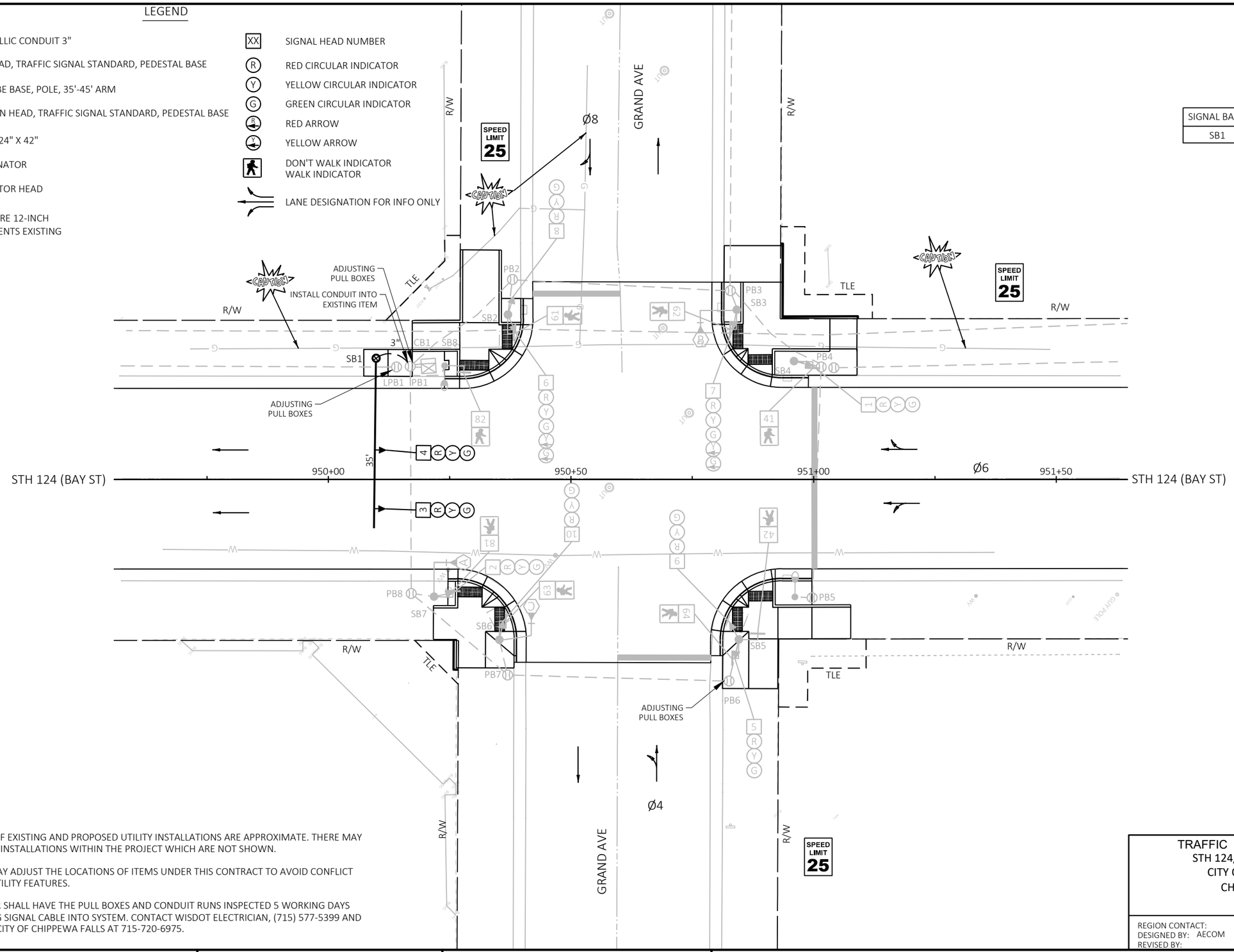
FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SR.DWG
LAYOUT NAME - 024204-sr
PLOT DATE : 11/18/2024 9:38 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- DON'T WALK INDICATOR / WALK INDICATOR
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

SIGNAL BASE	MONOTUBE NO.
SB1	S-09-040



CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FEATURES.
3. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT WISDOT ELECTRICIAN, (715) 577-5399 AND RICK RUF OF THE CITY OF CHIPPEWA FALLS AT 715-720-6975.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & GRAND AVE
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL PLAN	SHEET 94	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SP.DWG
LAYOUT NAME - 024204-sp
PLOT DATE : 11/18/2024 9:53 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

INTERSECTION:	8610-02-74
	STH 124/BAY ST & GRAND AVE

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

DATE: Mar-24

CB1 TO	AWG 14 # OF COND.	HEAD NO.	SIGNAL INDICATION WIRE COLOR												PED BUTTON	OTHER
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	" – "	"Δ"	"|"	D/WALK	WALK		
SB1	7	3	RED	ORG	GRN											
		4	RED	ORG	GRN											
SB2	EXISTING	6	EXISTING													
		8	EXISTING													
		61	EXISTING													
SB3	EXISTING	7	EXISTING													
		62	EXISTING													
SB4	EXISTING	1	EXISTING													
		41	EXISTING													
SB5	EXISTING	5	EXISTING													
		9	EXISTING													
		42	EXISTING													
		64	EXISTING													
SB6	EXISTING	10	EXISTING													
		63	EXISTING													
SB7	EXISTING	2	EXISTING													
		81	EXISTING													
SB8	EXISTING	82	EXISTING													

NOTES:
1. USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
4. REESTABLISH THE EXISTING EQUIPMENT GROUNDING CONDUCTOR FROM BASE TO BASE FOR ALL SIGNAL BASES, IN ACCORDANCE WITH THE WISCONSIN ELECTRICAL CODE.

EQUIPMENT GROUNDING CONDUCTORS 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2

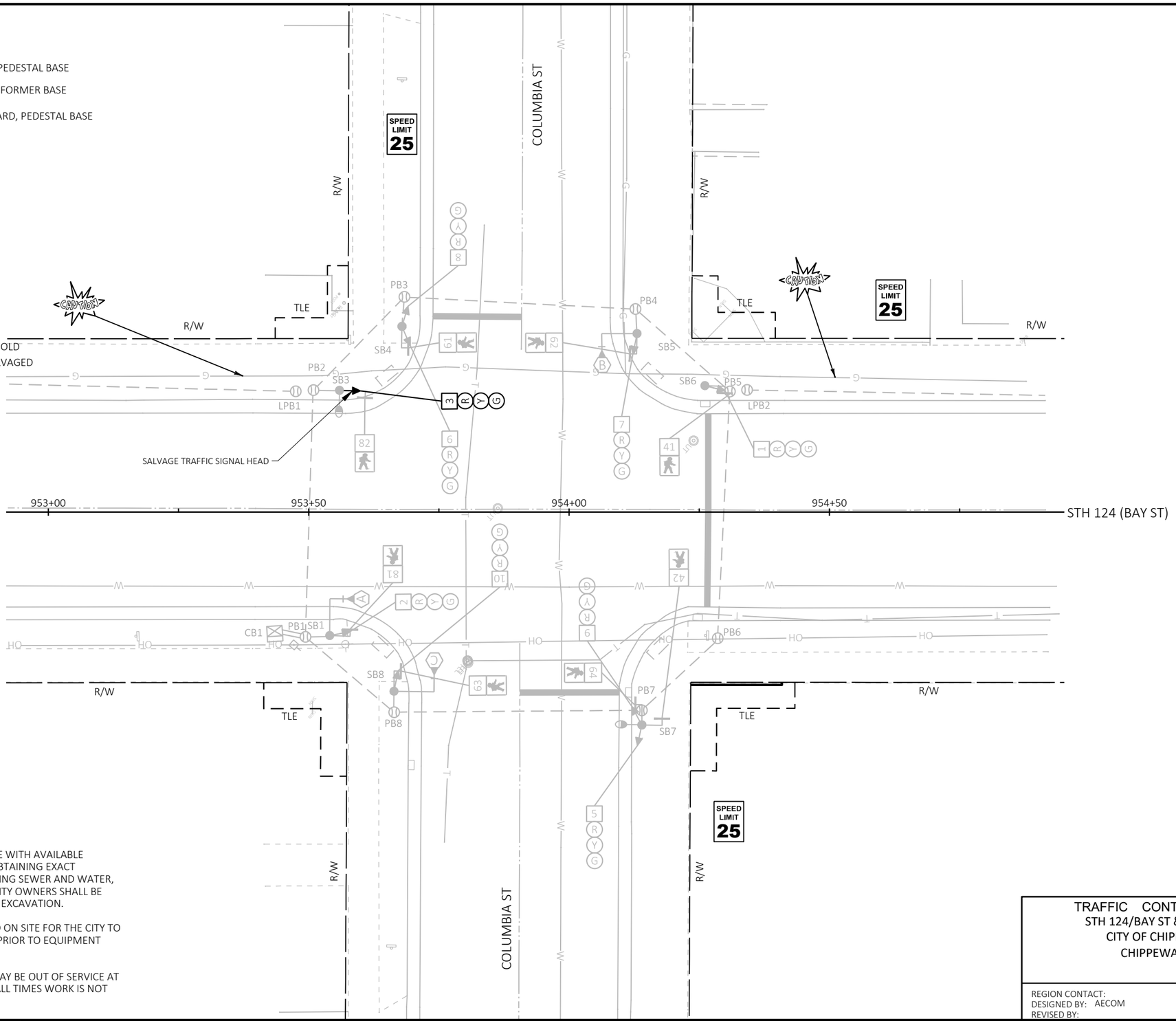
EMERGENCY VEHICLE PREEMPTION		
HEAD	FROM	TO
A	CB1	SB7
B	CB1	SB3
C	CB1	SB6

2

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR / WALK INDICATOR

NOTE: GRAYSHADE REPRESENTS EXISTING, BOLD REPRESENTS ITEMS TO BE REMOVED OR SALVAGED



CONSTRUCTION NOTES:

1. EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND THE ELEVATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 3 WORKING DAYS PRIOR TO EXCAVATION.
2. TRAFFIC SIGNAL EQUIPMENT TO BE SALVAGED AND STORED ON SITE FOR THE CITY TO PICK UP. CONTACT RICK RUF AT 715-720-6975 THREE DAYS PRIOR TO EQUIPMENT REMOVAL.
3. A MAXIMUM OF ONE SIGNAL FACE FOR EACH APPROACH MAY BE OUT OF SERVICE AT ONE TIME. EACH SIGNAL FACE SHALL BE IN OPERATION AT ALL TIMES WORK IS NOT BEING ACTIVELY PERFORMED ON THAT FACE.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & COLUMBIA ST
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 96	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SR.DWG
LAYOUT NAME - 024205-sr
PLOT DATE : 11/18/2024 9:40 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

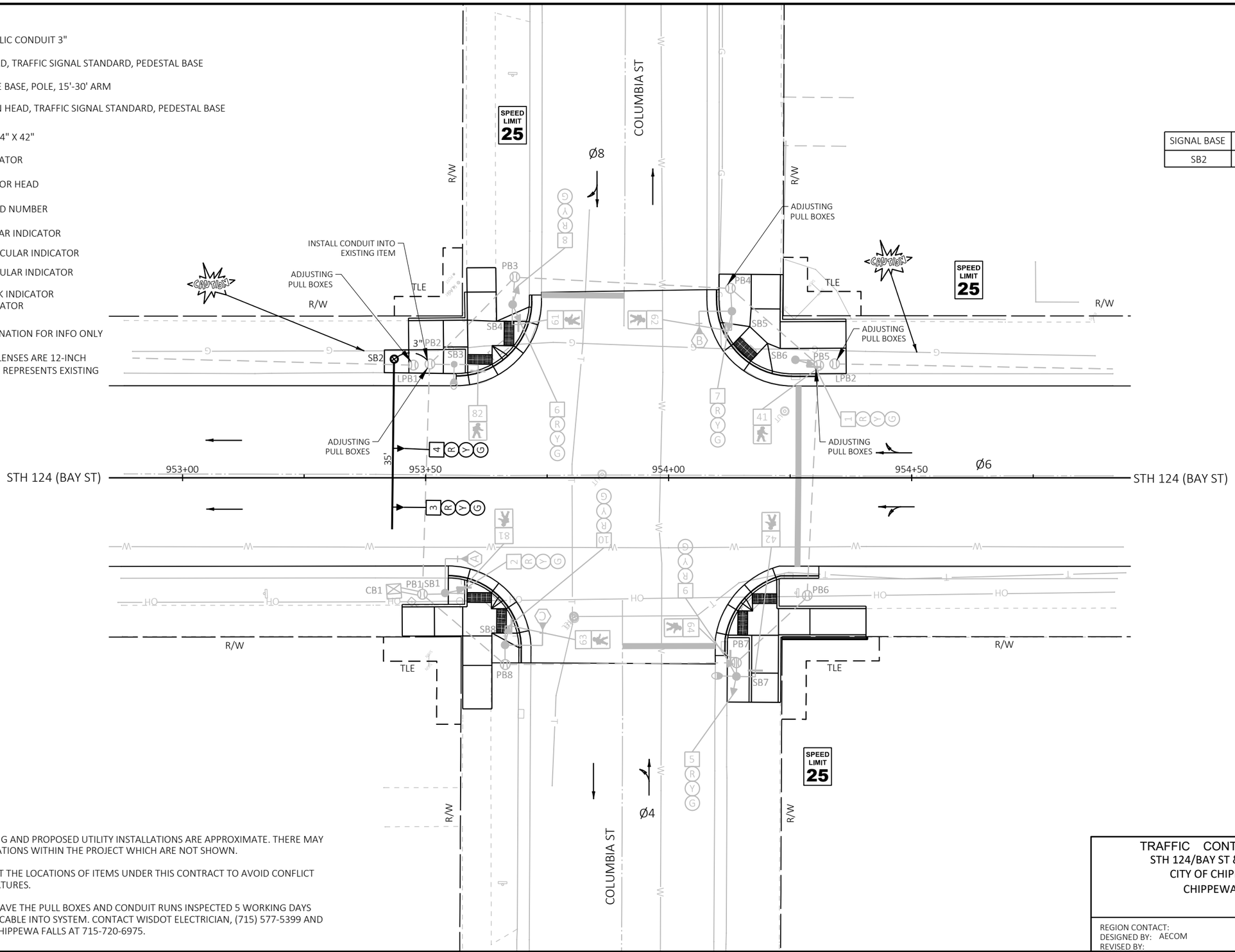
2

LEGEND

- NONMETALLIC CONDUIT 3"
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- PEDESTRIAN HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR / WALK INDICATOR
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

SIGNAL BASE	MONOTUBE NO.
SB2	S-09-041



CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FEATURES.
3. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT WISDOT ELECTRICIAN, (715) 577-5399 AND RICK RUF OF THE CITY OF CHIPPEWA FALLS AT 715-720-6975.

TRAFFIC CONTROL SIGNAL
STH 124/BAY ST & COLUMBIA ST
CITY OF CHIPPEWA FALLS
CHIPPEWA COUNTY

REGION CONTACT:
DESIGNED BY: AECOM
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC SIGNAL PLAN	SHEET 97	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024201-SP.DWG
LAYOUT NAME - 024205-sp
PLOT DATE : 11/18/2024 9:54 AM PLOT BY : JENINGA, JAMES PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

INTERSECTION:	8610-02-74
	STH 124/BAY ST & COLUMBIA ST

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

DATE: Mar-24

CB1 TO	AWG 14 # OF COND.	HEAD NO.	SIGNAL INDICATION WIRE COLOR												PED BUTTON	OTHER
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	"–"	"Δ"	"|"	D/WALK	WALK		
SB1	EXISTING	2	EXISTING													
		81	EXISTING													
SB2	7	3	RED	ORG	GRN											
		4	RED	ORG	GRN											
SB3	EXISTING	82	EXISTING													
SB4	EXISTING	6	EXISTING													
		8	EXISTING													
		61	EXISTING													
SB5	EXISTING	7	EXISTING													
		62	EXISTING													
SB6	EXISTING	1	EXISTING													
		41	EXISTING													
SB7	EXISTING	5	EXISTING													
		9	EXISTING													
		42	EXISTING													
		64	EXISTING													
SB8	EXISTING	10	EXISTING													
		63	EXISTING													

NOTES:
1. USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
4. REESTABLISH THE EXISTING EQUIPMENT GROUNDING CONDUCTOR FROM BASE TO BASE FOR ALL SIGNAL BASES, IN ACCORDANCE WITH THE WISCONSIN ELECTRICAL CODE.

EQUIPMENT GROUNDING CONDUCTORS 10 AWG GRN XLP	
FROM	TO
SB3	SB2
SB2	SB4

EMERGENCY VEHICLE PREEMPTION		
HEAD	FROM	TO
A	CB1	SB1
B	CB1	SB5
C	CB1	SB8

2

2

N

MARKING STOP LINE EPOXY
18-INCH

MARKING CROSSWALK EPOXY
TRANSVERSE LINE 6-INCH

MARKING LINE GROOVED WET REF
EPOXY 6-INCH (WHITE)

MARKING PARKING STALL EPOXY
(WHITE)(TYP.)

MARKING WORDS EPOXY

MARKING LINE GROOVED WET REF
EPOXY 6-INCH (WHITE)

MARKING CROSSWALK EPOXY
TRANSVERSE LINE 6-INCH

MARKING STOP LINE EPOXY
18-INCH

+60.4

22'
TYP.

+26.4

+63.1

+07.1

BAY ST

941

942

943

944

945

+92.4
0.0 T

+85.2
0.0 T

+64.3

+52.2

+54.5

MARKING ARROW EPOXY

MARKING PARKING STALL EPOXY
(WHITE)(TYP.)

MARKING ARROW EPOXY

MARKING LINE GROOVED WET REF
EPOXY 6-INCH (WHITE)

MARKING CROSSWALK EPOXY
TRANSVERSE LINE 6-INCH

MARKING STOP LINE EPOXY
18-INCH

MARKING CROSSWALK EPOXY
BLOCK STYLE 24-INCH

940

W RIVER ST

W SPRING ST

MARKING LINE GROOVED WET REF
EPOXY 6-INCH (DOUBLE YELLOW)

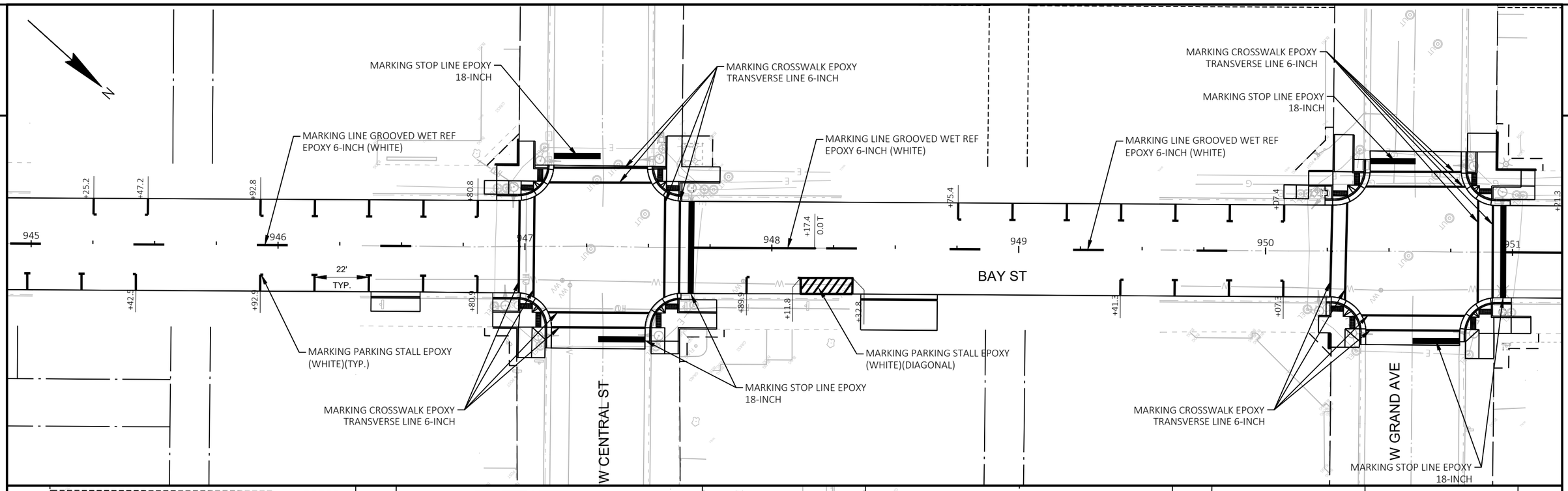
939

0.0 T
+63.6

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 99	E

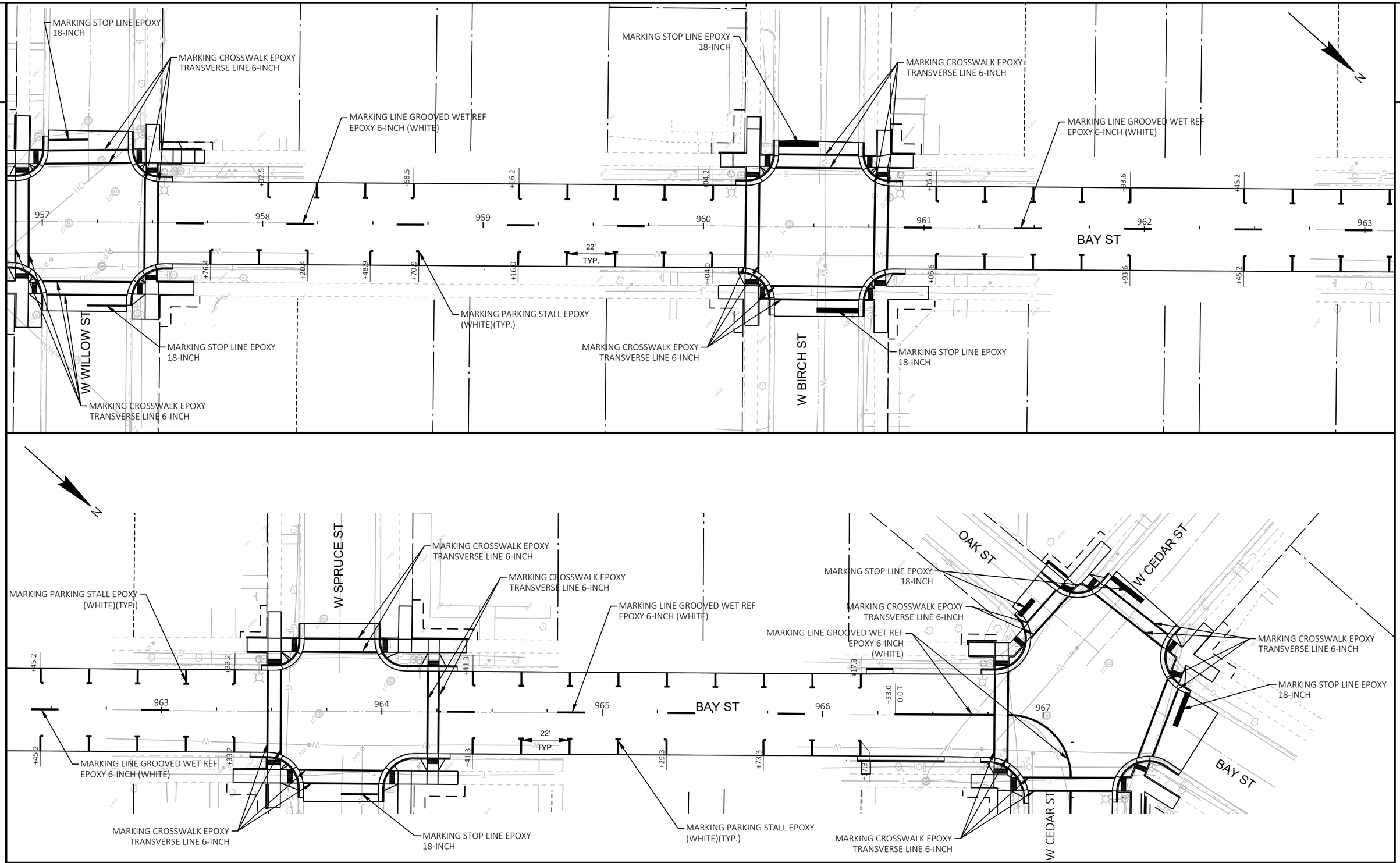
FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 01

PLOT DATE : 11/21/2024 12:37 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:40 FT



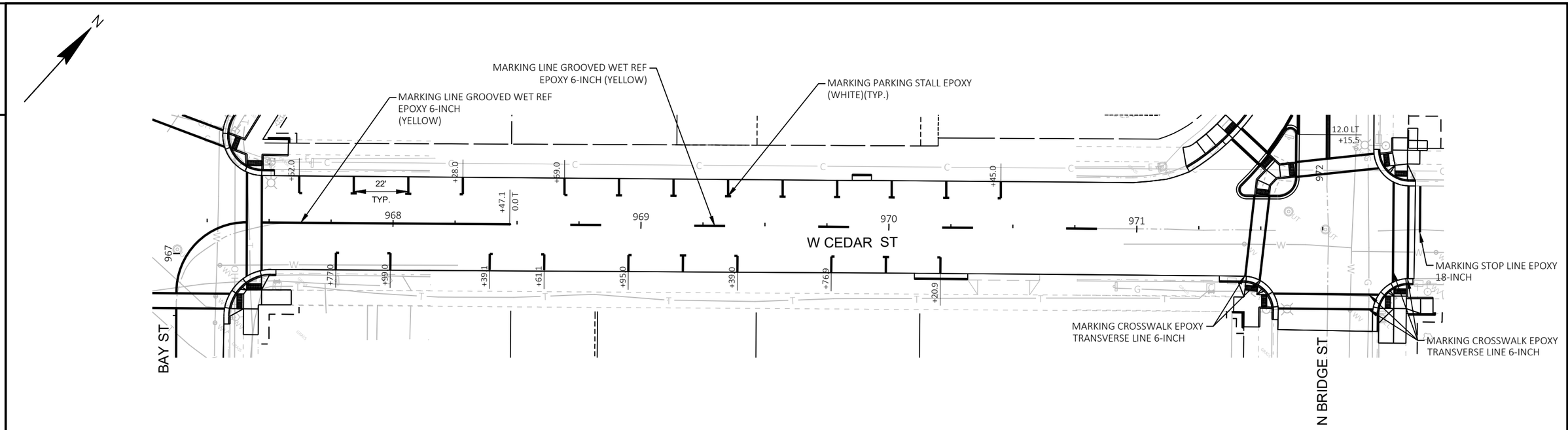
PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 100	E

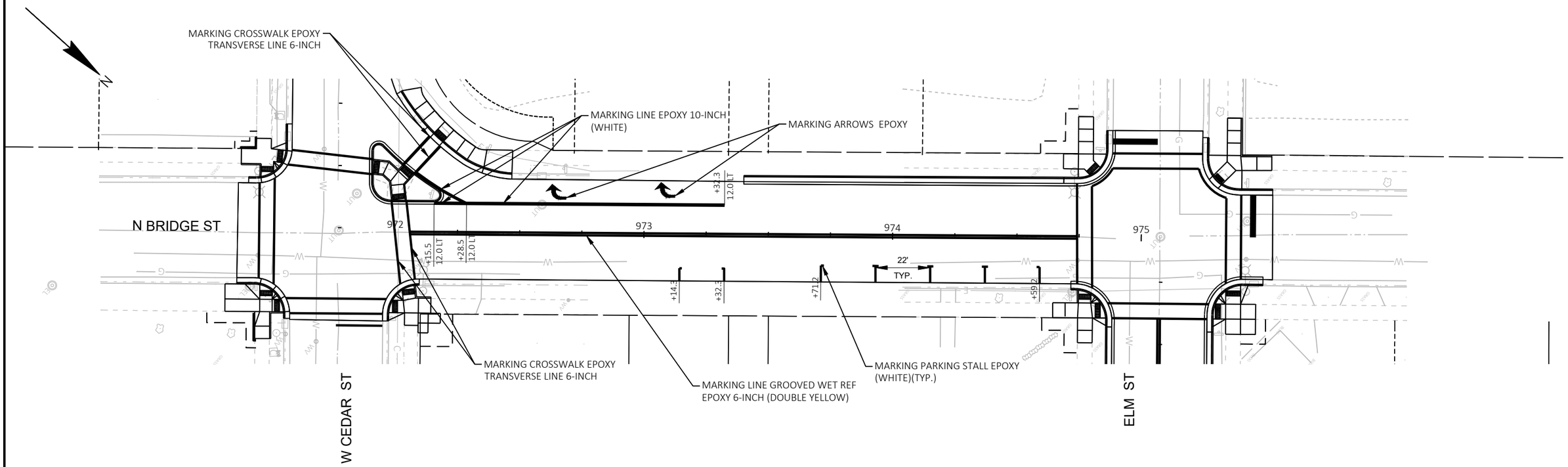
FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 02
PLOT DATE : 11/21/2024 12:37 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 101	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 03
PLOT DATE : 11/21/2024 12:38 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

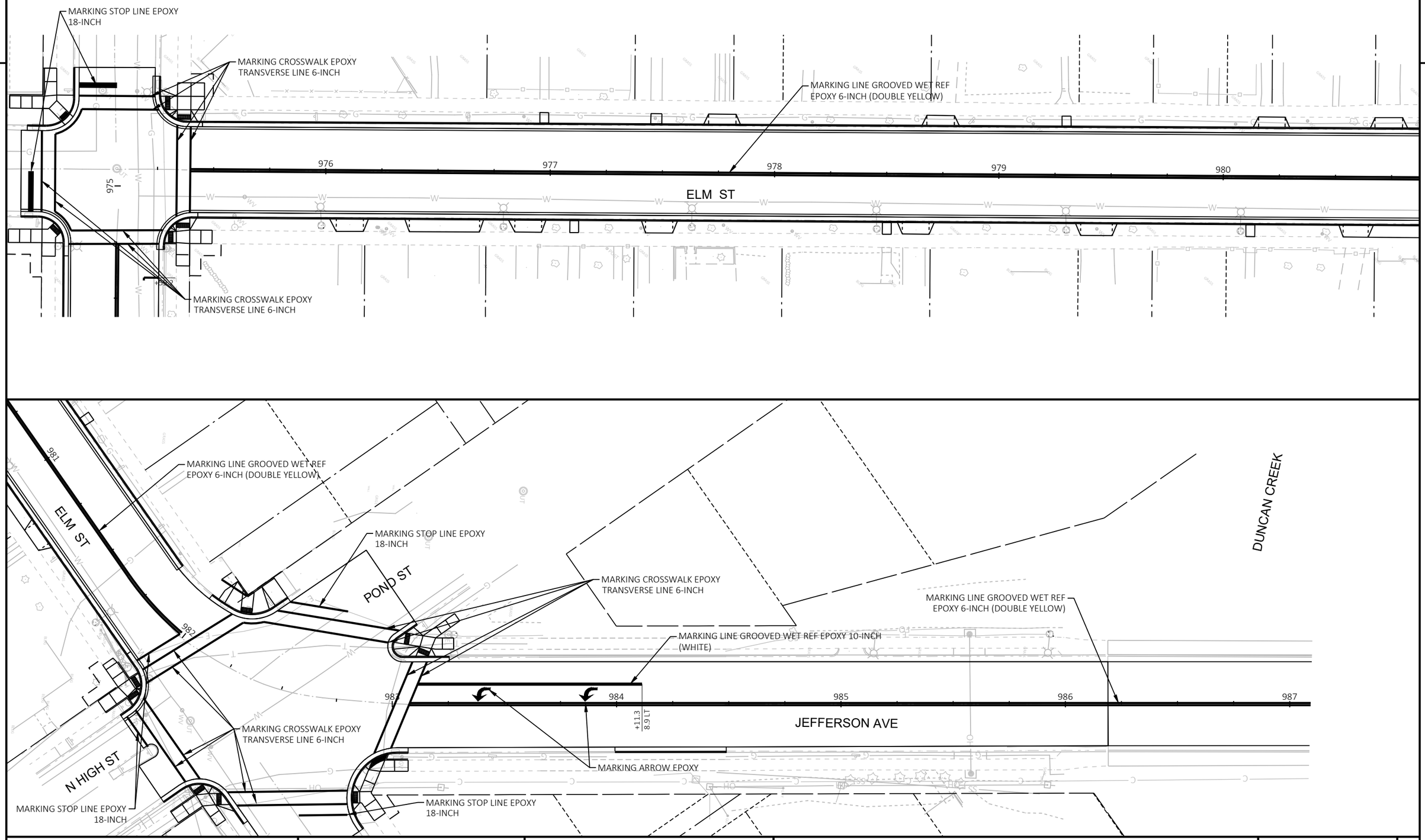




PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 102	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 04
PLOT DATE : 11/21/2024 12:38 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

2



2

PROJECT NO: 8610-02-74/8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 103	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 05

PLOT DATE : 11/21/2024 12:39 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN: 20 FT

WISDOT/CADDS SHEET 44

2

2

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING STOP LINE EPOXY 18-INCH

MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

BRIDGEWATER AVE

+40.4 78.6 LT

22' TYP.

+51.0

MARKING PARKING STALL EPOXY (WHITE)(TYP.)

MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

+20.6 15.1 LT

+85.6 0.0 LT

+85.6 12.0 LT

+10.6 2.2 LT

25' C-C

987 988 989 990 991 992 993

JEFFERSON AVE

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

+96.7 6.8 RT

MARKING ARROW EPOXY

MARKING ARROW EPOXY

MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

+10.6 5.8 RT

+10.6 18.5 RT

+85.6 12.5 RT

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING SYMBOLS EPOXY

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

N

MARKING STOP LINE EPOXY 18-INCH

JOHN ST

MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING SYMBOLS EPOXY

+96.0 12.0 LT

+96.0 0.0 LT

+96.0 12.0 RT

993 994 995 996 997 998 999

JEFFERSON AVE

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

MARKING SYMBOLS EPOXY

MARKING CROSSWALK EPOXY LADDER STYLE 24-INCH

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING STOP LINE EPOXY 18-INCH

MARKING STOP LINE EPOXY 18-INCH

FAIR ST

MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

MARKING SYMBOLS EPOXY

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

+12.0 12.0 LT

+12.0 0.5 LT

MARKING SYMBOLS EPOXY

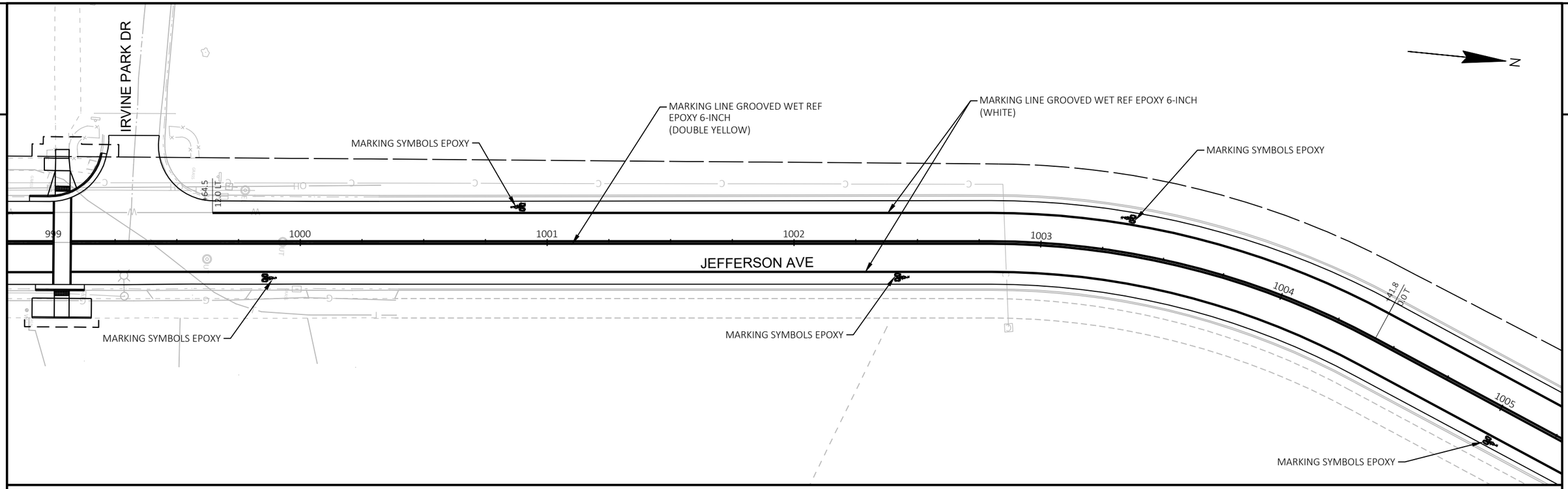
MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

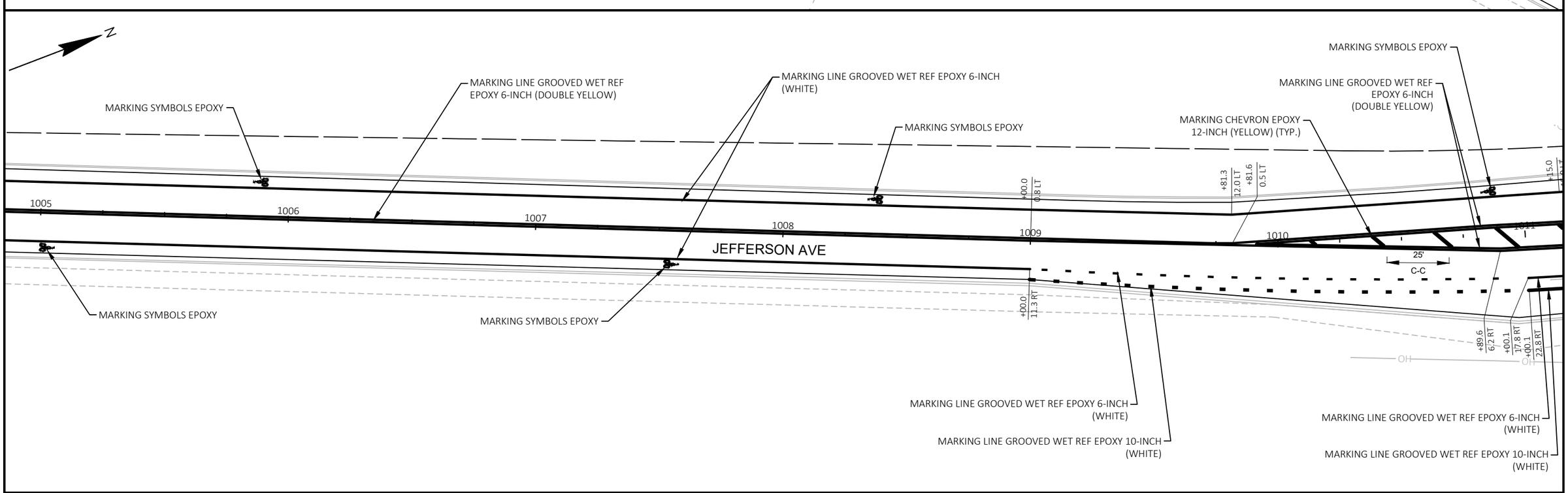
MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

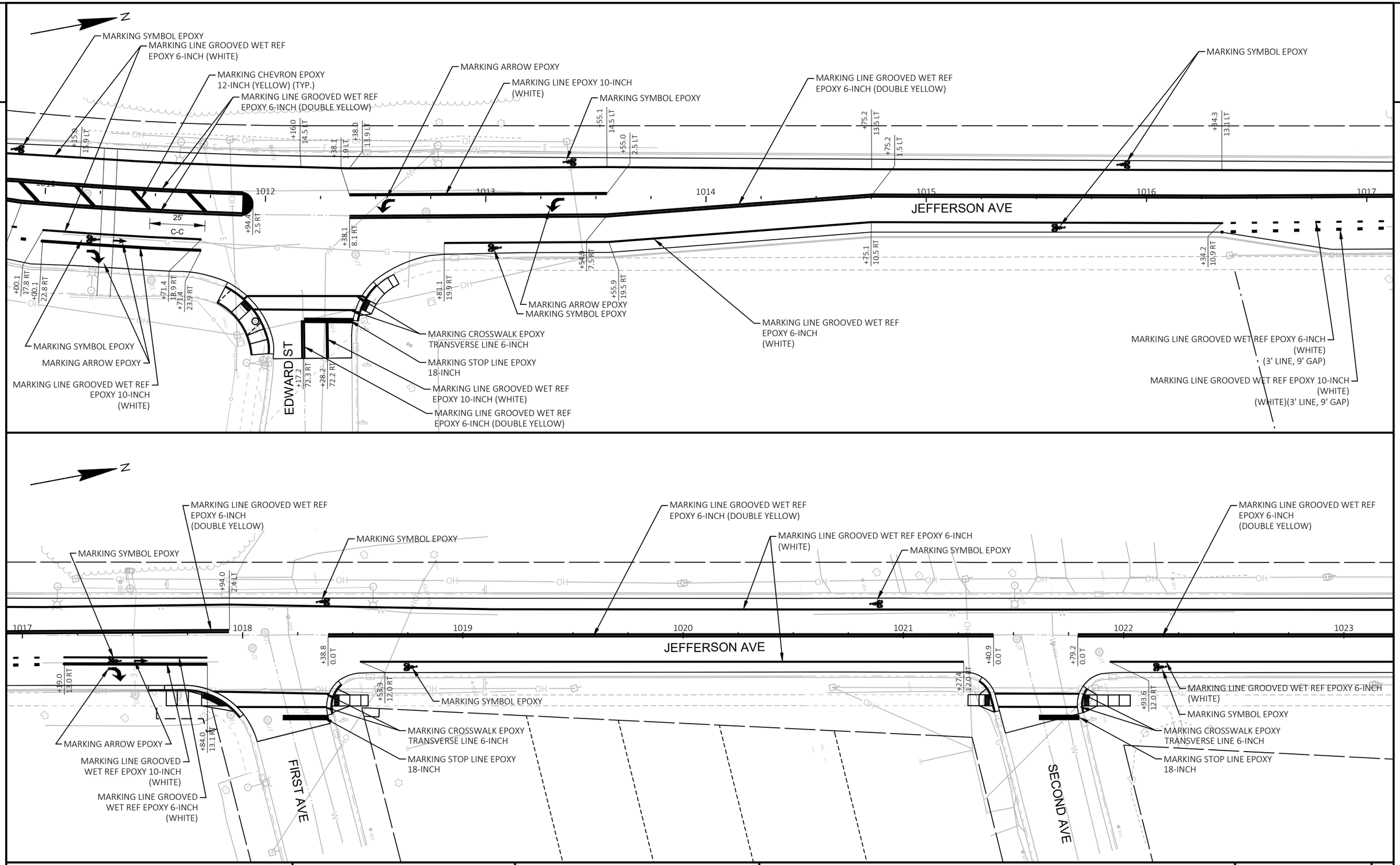
MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 104	E



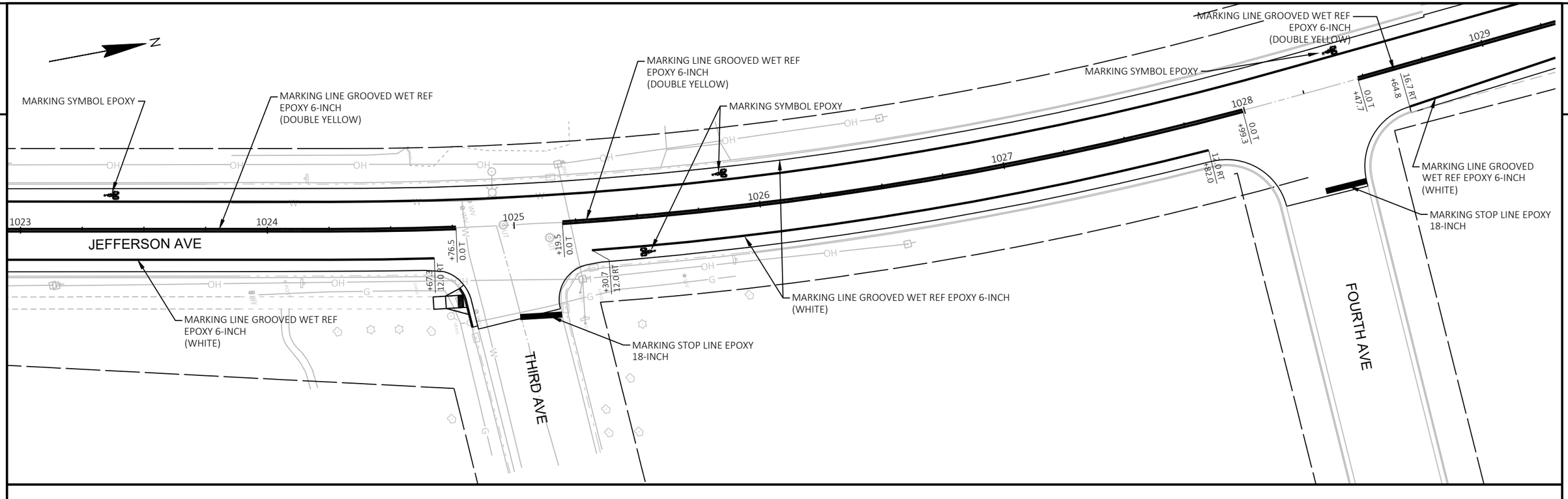


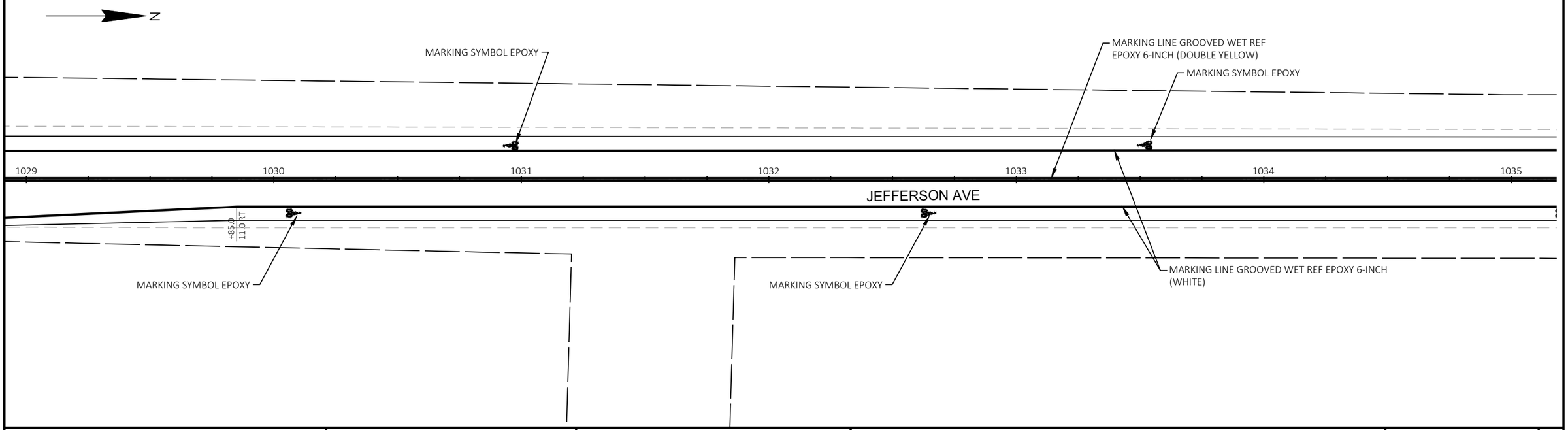
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 105	E



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 106	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 08
PLOT DATE : 11/21/2024 12:40 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN: 20 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 107	E

2

N

MARKING SYMBOL EPOXY

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING SYMBOL EPOXY

ASHLEY LANE

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

+2.5 19.6 LT

+88.0 12.0 LT

+64.6 12.0 LT

+41.1 11.0 LT

1035 1036 1037 1038 1039 1040 1041

JEFFERSON AVE

25' C-C

+15.2 0.5 RT

+76.6 7.5 RT

+29.8 17.2 RT

+93.5 26.6 RT

7TH ST

MARKING SYMBOL EPOXY

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING SYMBOL EPOXY

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING STOP LINE EPOXY 18-INCH

OJIBWA RD

+49.5 60.9 LT

N

MARKING ARROW EPOXY

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3' LINE, 3' GAP)

+54.0 0.3 RT

+29.0 0.3 RT

+61.9 11.9 LT

+36.7 12.0 LT

+88.2 24.1 LT

+91.5 24.0 LT

1041 1042 1043 1044 1045 1046 1047

25' C-C

JEFFERSON AVE

STH 124

+65.7 0.0

+90.9 10.0 RT

+54.0 10.0 RT

+29.0 11.2 RT

+10.0 0.5 LT

+10.0 12.0 RT

+93.5 26.6 RT

+25.6 24.1 RT

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING ARROW EPOXY

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

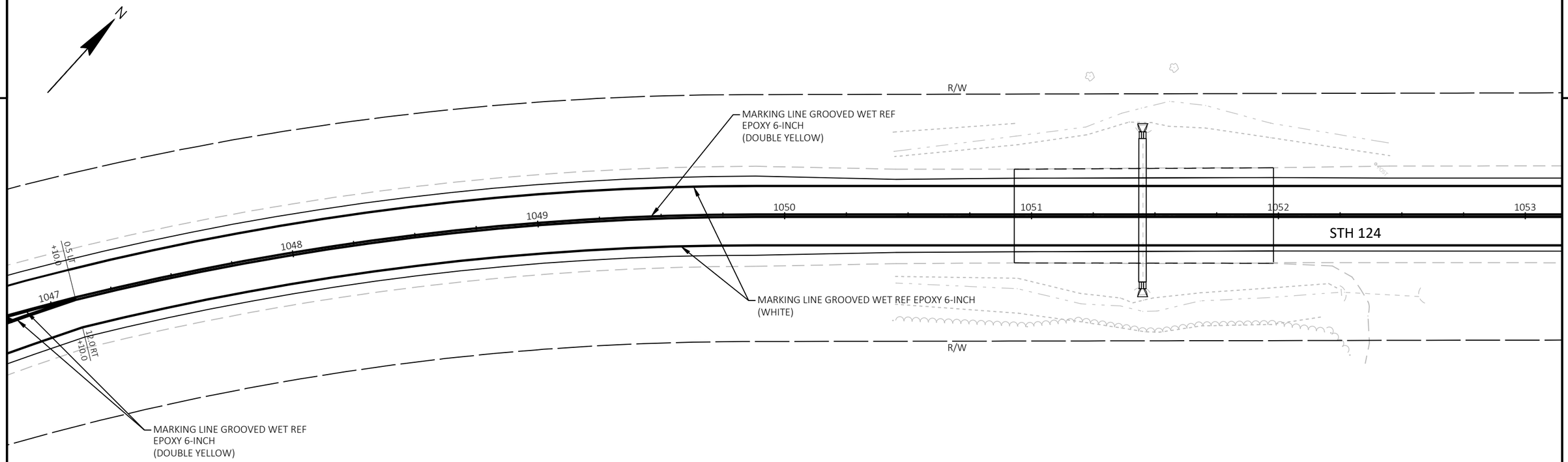
MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

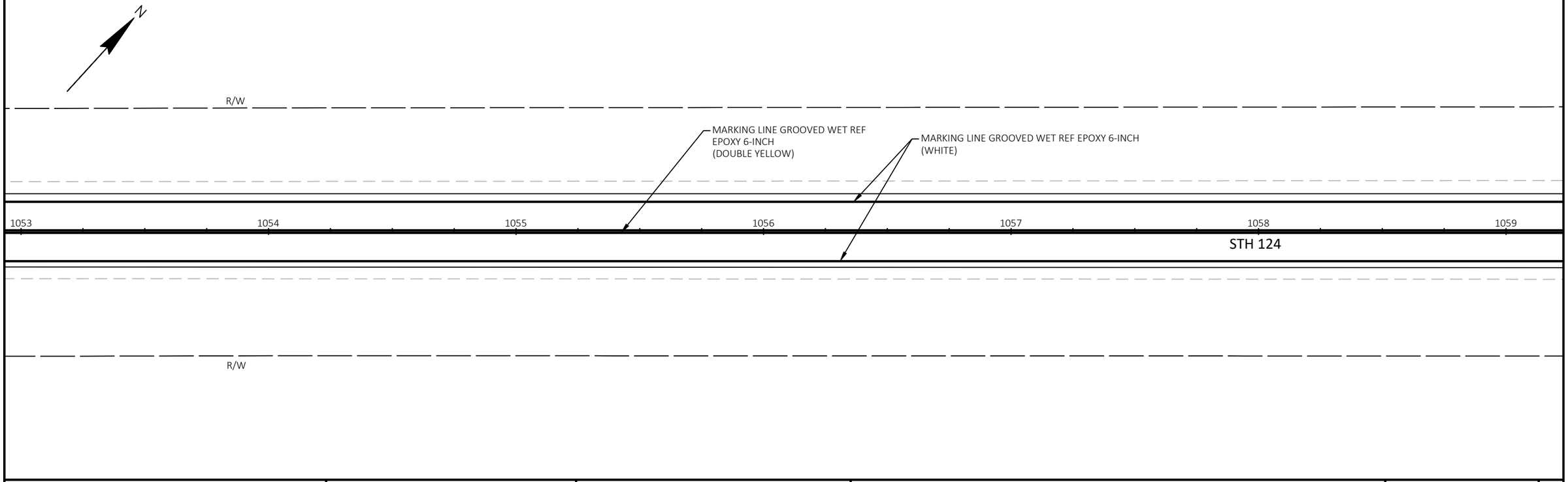
MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 108	E

2





PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 109	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 11
PLOT DATE : 11/21/2024 12:42 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN: 40 FT
WISDOT/CADDS SHEET 44

2

2

R/W

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

1059 1060 1061 1062 1063 1064 1065

STH 124

R/W

R/W

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

+74.6 12.0 LT

+85.1 06 RT

+99.2 12.2 LT

1071

25'

C-C

1070

+88.2 23.1 RT

1069

1065 1066 1067 1068

STH 124

+74.6 12.0 RT

+84.8 12.4 RT

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

R/W

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 110	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 12

PLOT DATE : 11/21/2024 12:43 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN: 40 FT

WISDOT/CADDS SHEET 44

2

N

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

+99.2 12.2 LT

1071

25' C-C

+40.2 0.5 LT

+09.3 12.5 LT

MARKING ARROW EPOXY

MARKING ARROW EPOXY

MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

MARKING ARROW EPOXY

+90.5 26.0 LT

R/W

+40.0 11.5 RT

+18.2 23.4 RT

1072

+09.3 0.0 T

1073

+11.5 12.5 LT

+10.0 0.5 LT

STH 124

1074

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

+46.3 12.5 LT

+80.3 12.5 LT

25' C-C

1077

1076

1075

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

STATE RD

+43.8 32.5 RT

MARKING STOP LINE EPOXY 18-INCH

+93.8 12.0 RT

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

+80.3 12.0 RT

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

N

R/W

CTH S

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

MARKING CHEVRON EPOXY 12-INCH (YELLOW) (TYP.)

+80.3 12.5 LT

+97.4 0.0 T

1077

1078

1079

25' C-C

STH 124

+00.0 0.5 LT

+00.0 11.0 LT

1080

1081

1082

1083

+80.3 12.0 RT

+73.2 14.5 RT

MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)

R/W

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PAVEMENT MARKING	SHEET 111	E

FILE NAME : C:\USERS\ARBUCKLEA\ONEDRIVE - AECOM\STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\024501-PM.DWG
LAYOUT NAME - 13

PLOT DATE : 11/21/2024 12:43 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN: 40 FT

WISDOT/CADDS SHEET 44

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, ADVANCED WARNING SIGNS 40 M.P.H. OR LESS, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC
TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
TRAFFIC CONTROL, DROP-OFF SIGNING
TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES
TRAFFIC CONTROL, LANE SHIFT IN FLAGGING OPERATION
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

LEGEND

- PEDESTRIAN ROUTE
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK ZONE
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

① ROAD WORK AHEAD W20-2A
② ROAD WORK 1000 FT W20-1C
③ ROAD WORK 500 FT W20-1D
④ ROAD WORK 250 FT W20-1H
⑤ ROAD WORK NEXT 2.6 MILES G20-1 60"X24"
⑥ END ROAD WORK G20-2A 48"X24"

SIDEROADS
SPRING ST SW
SPRING ST NE
CENTRAL ST SW
CENTRAL ST NE
GRAND AVE NE
COLUMBIA ST SW
COLUMBIA ST NE
WILLOW ST SW
WILLOW ST NE
BIRCH ST SW
BIRCH ST NE
SPRUCE ST SW
SPRUCE ST NE
OAK ST S
CEDAR ST E
BAY ST N
BRIDGE ST SE
ELM ST SW
BRIDGE ST NW
POND ST NW
HIGH ST SE
ELM ST NE
BRIDGEWATER AVE W
JOHN ST SW
JOHN ST NE
FAIR ST SW
IRVINE PARK DR W
EDWARD ST E
1ST AVE E
2ND AVE E
3RD AVE E
4TH AVE E
ASHLEY LN W
7TH AVE E
136TH ST N
140TH ST SE

STA 969+85 - 969+93, LT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 966+10 - 966+56, LT & RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 958+70 - 959+01, RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 941+22 - 941+38, LT & RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 975+43 - 981+88, LT & RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 983+99 - 984+49, RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 988+82 - 989+05, RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 981+93 - 982+06
USE "TRAFFIC CONTORL FOR LANE CLOSURE WITH FLAGGING OPERATION" AND CONSTRUCTION DETAIL "TRAFFIC CONTROL - FLAGGING OPERATIONS FOR STORM SEWER WORK" DURING STORM SEWER INSTALLATION

STA 948+36 - 948+68, RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 946+37 - 946+58, RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 973+40 - 974+69, LT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 970+10 - 970+61, RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING CURB & GUTTER REPLACEMENT

STA 1051+45
USE "TRAFFIC CONTROL, LANE SHIFT IN FLAGGING OPERATION" DURING CULVERT REPLACEMENT

STA 1064+85
USE "TRAFFIC CONTROL, LANE SHIFT IN FLAGGING OPERATION" DURING CULVERT REPLACEMENT

STA 1069+15 - 1071+00, RT
USE "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" DURING ENDWALL REPLACMENTS

OAK ST · BAY ST · BRIDGE ST · CEDAR ST · WILLOW ST · SPRUCE ST · BIRCH ST · COLUMBIA ST · CENTRAL ST · SPRING ST · GRAND AVE · BRIDGE ST · HIGH ST · ELM ST · POND ST · BRIDGEWATER AVE · JOHN ST · FAIR ST · IRVINE PARK DR · EDWARD ST · 1ST AVE · 2ND AVE · 3RD AVE · 4TH AVE · STH 124 · ASHLEY LN · 7TH AVE · 136TH ST · 140TH ST · CTH S · N

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL OVERVIEW	SHEET 112	E

2

2

N

W RIVER ST

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

DOOR

R/W

941+00

941+50

942+00

942+50

STH 124 (BAY ST)

940+50

940+00

939+50

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

R/W

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1	SHEET 113	E

2

2

N

W RIVER ST

DOOR

R/W

M4-9BL
30"X24"

M4-9BR
30"X24"

M4-60D
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

941+00

941+50

942+00

942+50

STH 124 (BAY ST)

940+50

940+00

939+50

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2	SHEET 114 E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 02
PLOT DATE : 7/1/2024 12:03 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

N

M4-9BL
30"X24"

M4-9BR
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

W RIVER ST

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DOOR

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-9BL
30"X24"

R/W

941+00

941+50

942+00

942+50

STH 124 (BAY ST)

940+50

940+00

M4-9BL
30"X24"

M4-9BR
30"X24"

M4-60D
30"X24"

M4-9BR
30"X24"

M4-9BL
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

R/W

M4-9BL
30"X24"

M4-9BR
30"X24"

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3	SHEET 115	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 03
PLOT DATE : 7/1/2024 12:03 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL STAGE 1 TYPICAL LAYOUT FOR INTERSECTIONS:

SPRING ST & BAY ST
CENTRAL ST & BAY ST
GRAND AVE & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

M4-9BL
30"X24"

M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-9BR
30"X24"

GRAND AVE

SIDEWALK CLOSED
R9-9
24"X12"

M4-60D
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-9BL
30"X24"

R/W

R/W

STH 124 (BAY ST)

949+50 950+00 950+50 951+00 951+50 952+00

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

M4-9BL
30"X24"

M4-9BR
30"X24"

M4-60D
30"X24"

M4-9BL
30"X24"

M4-9BR
30"X24"

R/W

R/W

2

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1	SHEET 116	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 04
PLOT DATE : 7/1/2024 12:04 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

TRAFFIC CONTROL STAGE 2 TYPICAL LAYOUT FOR INTERSECTIONS:

SPRING ST & BAY ST
CENTRAL ST & BAY ST
GRAND AVE & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

M4-60D
30"X24"

GRAND AVE

R/W

STH 124 (BAY ST)

949+50 950+00 950+50 951+00 951+50 952+00

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2	SHEET 117	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 05
PLOT DATE : 7/1/2024 12:04 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

TRAFFIC CONTROL STAGE 3 TYPICAL LAYOUT FOR INTERSECTIONS:

SPRING ST & BAY ST
CENTRAL ST & BAY ST
GRAND AVE & BAY ST

N

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

GRAND AVE

M4-9BL 30"X24"

M4-9BR 30"X24"

M4-60D 30"X24"

M4-9BR 30"X24"

M4-9BL 30"X24"

R/W

R/W

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

949+50 950+00 950+50 951+00 951+50 952+00

STH 124 (BAY ST)

SIDEWALK CLOSED R9-9 24"X12"

R/W

R/W

M4-60D 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

M4-9BR 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

M4-9BR 30"X24"

M4-9BL 30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

2

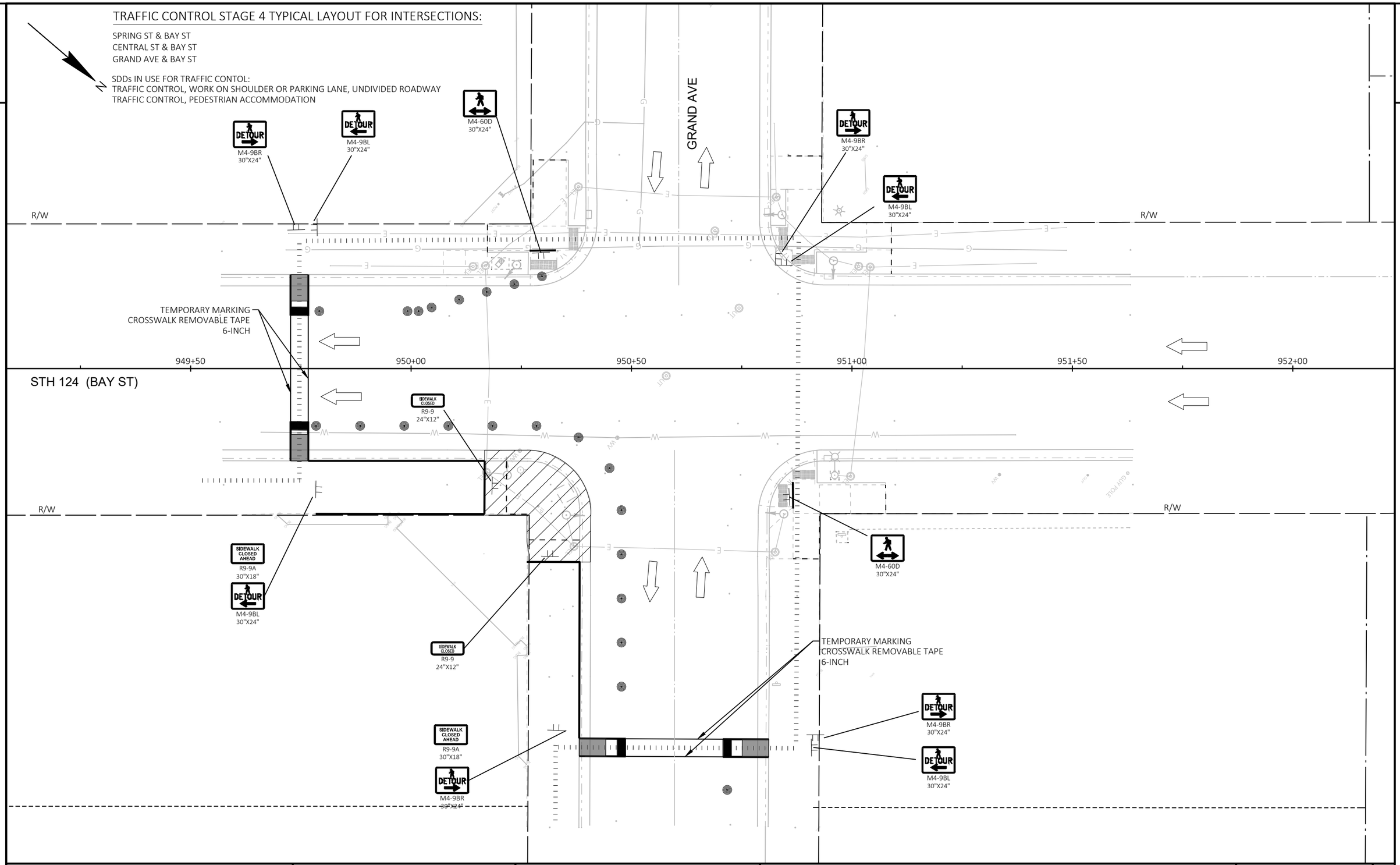
PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3	SHEET 118	E

2

TRAFFIC CONTROL STAGE 4 TYPICAL LAYOUT FOR INTERSECTIONS:

SPRING ST & BAY ST
CENTRAL ST & BAY ST
GRAND AVE & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 4	SHEET 119	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 07
PLOT DATE : 7/1/2024 12:06 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL STAGE 1 TYPICAL LAYOUT FOR INTERSECTIONS:

COLUMBIA ST & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

COLUMBIA ST

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

M4-60D
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

R/W

R/W

STH 124 (BAY ST)

952+50 953+00 953+50 954+00 954+50 955+00 95

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

R/W

R/W

2

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1	SHEET 120	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 04 (2)
PLOT DATE : 7/1/2024 12:06 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

TRAFFIC CONTROL STAGE 2 TYPICAL LAYOUT FOR INTERSECTIONS:

COLUMBIA ST & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

COLUMBIA ST

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

M4-60D
30"X24"

R/W

R/W

STH 124 (BAY ST)

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

952+50 953+00 953+50 954+00 954+50 955+00 955+5

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

R/W

R/W

2

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2	SHEET 121	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 05 (2)
PLOT DATE : 7/1/2024 12:07 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

TRAFFIC CONTROL STAGE 3 TYPICAL LAYOUT FOR INTERSECTIONS:

COLUMBIA ST & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

N

COLUMBIA ST

M4-9BR 30"X24"

M4-60D 30"X24"

M4-9BR 30"X24"

M4-9BL 30"X24"

M4-9BL 30"X24"

R/W

R/W

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

STH 124 (BAY ST)

952+50 953+00 953+50 954+00 954+50 955+00 955+50

R/W

R/W

M4-60D 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

M4-9BR 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

M4-9BL 30"X24"

M4-9BL 30"X24"

M4-9BR 30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3	SHEET 122	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 06 (2)

PLOT DATE : 7/1/2024 12:07 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

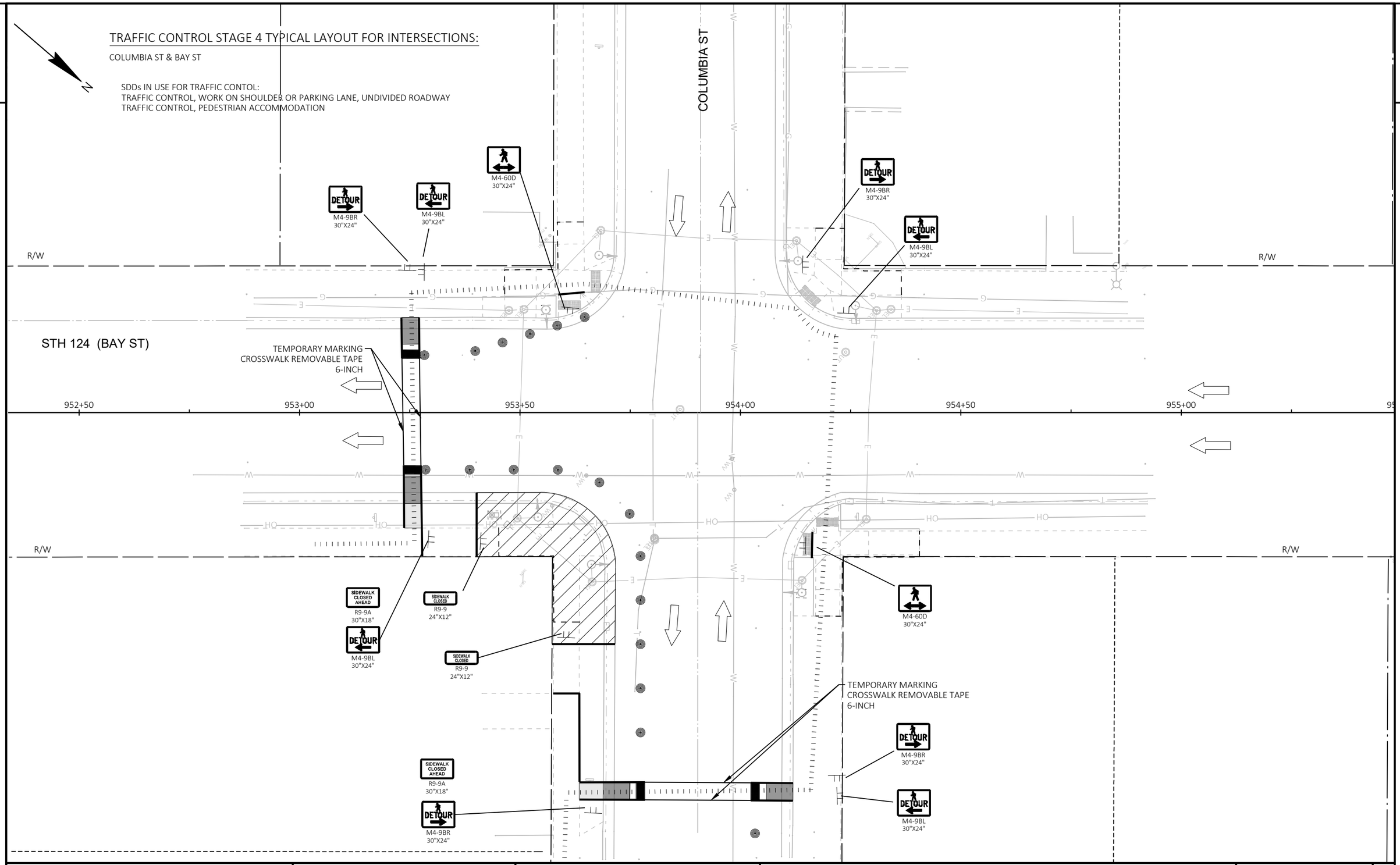
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL STAGE 4 TYPICAL LAYOUT FOR INTERSECTIONS:

COLUMBIA ST & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 4	SHEET 123	E

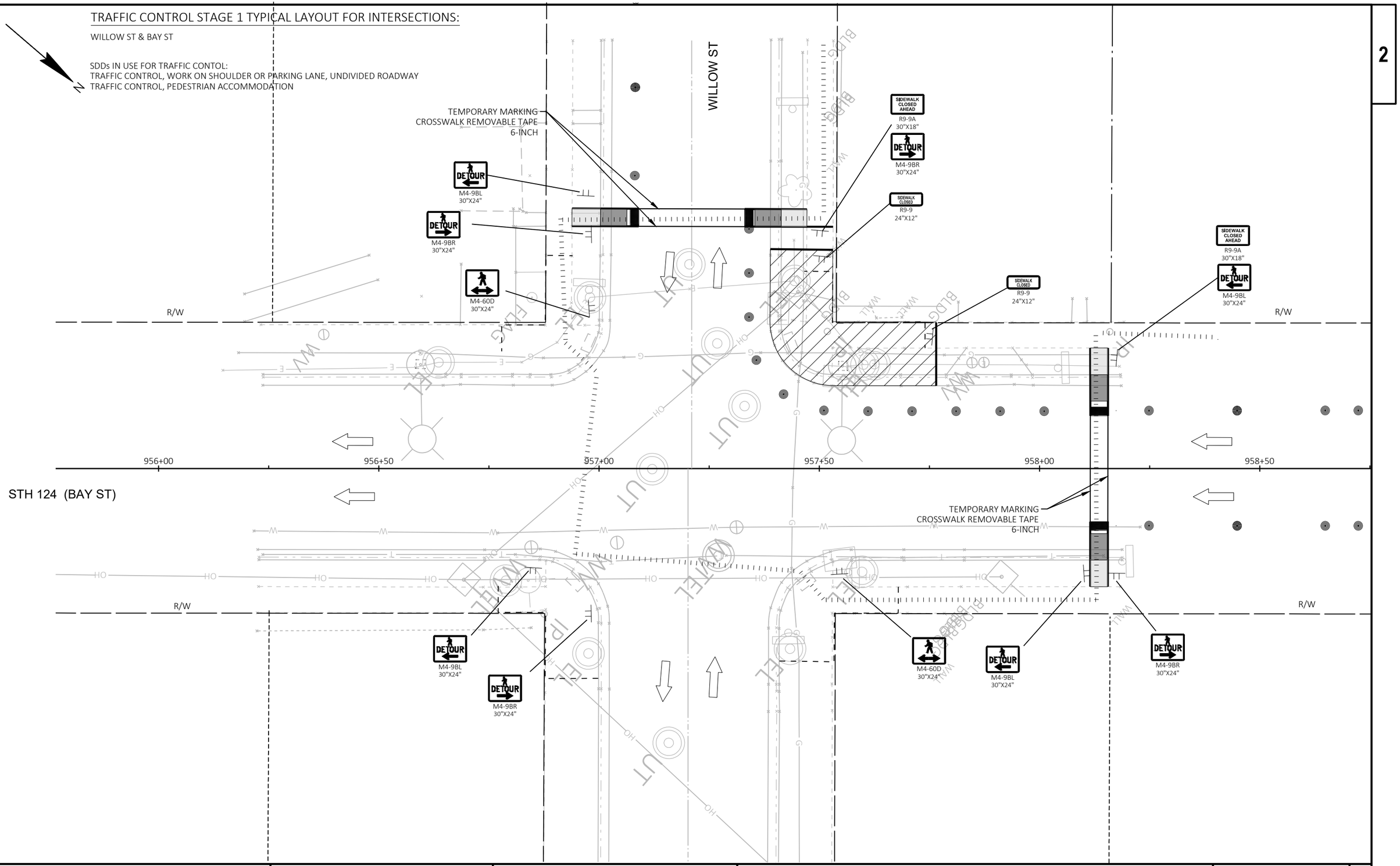
FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 07 (2)
PLOT DATE : 7/1/2024 12:08 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL STAGE 1 TYPICAL LAYOUT FOR INTERSECTIONS:

WILLOW ST & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1	SHEET 124	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 04 (3)
PLOT DATE : 7/1/2024 12:08 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL STAGE 2 TYPICAL LAYOUT FOR INTERSECTIONS:

WILLOW ST & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

N

WILLOW ST

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

M4-60D
30"X24"

R/W

R/W

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

STH 124 (BAY ST)

956+00 956+50 957+00 957+50 958+00 958+50

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

R/W

R/W

2

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2	SHEET 125	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 05 (3)
PLOT DATE : 7/1/2024 12:09 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

2

TRAFFIC CONTROL STAGE 3 TYPICAL LAYOUT FOR INTERSECTIONS:

WILLOW ST & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

N

WILLOW ST

STH 124 (BAY ST)

R/W

956+00 956+50 957+00 957+50 958+00 958+50

M4-9BR 30"X24"

M4-9BL 30"X24"

M4-60D 30"X24"

M4-9BR 30"X24"

M4-9BL 30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

M4-60D 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

M4-9BR 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

M4-9BL 30"X24"

M4-9BR 30"X24"

M4-9BL 30"X24"

2

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3	SHEET 126	E

2

TRAFFIC CONTROL STAGE 4 TYPICAL LAYOUT FOR INTERSECTIONS:

WILLOW ST & BAY ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

WILLOW ST

M4-60D
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

R/W

R/W

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

STH 124 (BAY ST)

956+00 956+50 957+00 957+50 958+00 958+50

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

M4-60D
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

R/W

R/W

2

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 4	SHEET 127	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 07 (3)
PLOT DATE : 7/1/2024 12:10 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

TRAFFIC CONTROL STAGE 1 TYPICAL LAYOUT FOR INTERSECTIONS:

BIRCH ST & BAY ST
SPRUCE ST & BAY ST
ELM ST & BRIDGE ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

DETOUR M4-9BR 30"X24"
DETOUR M4-9BL 30"X24"
M4-60D 30"X24"
SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR M4-9BR 30"X24"
SIDEWALK CLOSED R9-9 24"X12"
SIDEWALK CLOSED R9-9 24"X12"
SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR M4-9BL 30"X24"

BIRCH ST

R/W

STH 124 (BAY ST)

959+50 960+00 960+50 961+00 961+50 962+00

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

DETOUR M4-9BL 30"X24"
DETOUR M4-9BR 30"X24"
M4-60D 30"X24"
DETOUR M4-9BL 30"X24"
DETOUR M4-9BR 30"X24"

R/W

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1	SHEET 128 E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 04 (4)
PLOT DATE : 7/1/2024 12:11 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL STAGE 2 TYPICAL LAYOUT FOR INTERSECTIONS:

BIRCH ST & BAY ST
SPRUCE ST & BAY ST
ELM ST & BRIDGE ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

BIRCH ST

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

M4-60D
30"X24"

R/W

R/W

STH 124 (BAY ST)

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

9+00 | 959+50 | 960+00 | 960+50 | 961+00 | 961+50 | 962+00

R/W

R/W

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

2

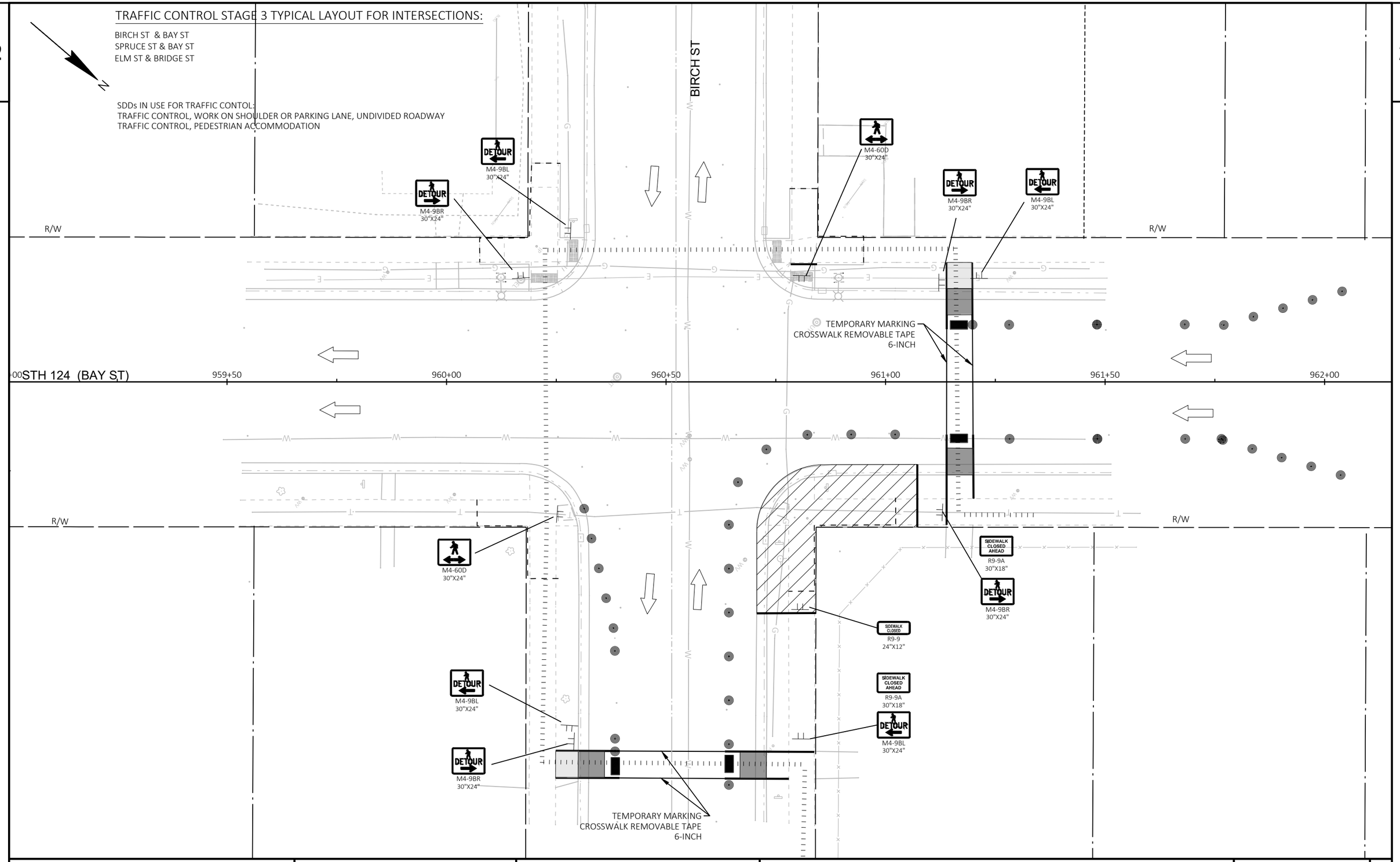
PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2	SHEET 129	E

2

TRAFFIC CONTROL STAGE 3 TYPICAL LAYOUT FOR INTERSECTIONS:

BIRCH ST & BAY ST
SPRUCE ST & BAY ST
ELM ST & BRIDGE ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3	SHEET 130	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 06 (4)
PLOT DATE : 7/1/2024 12:12 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

TRAFFIC CONTROL STAGE 4 TYPICAL LAYOUT FOR INTERSECTIONS:

BIRCH ST & BAY ST
SPRUCE ST & BAY ST
ELM ST & BRIDGE ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

BIRCH ST

M4-60D 30"X24"

DETOUR M4-9BL 30"X24"

DETOUR M4-9BR 30"X24"

DETOUR M4-9BR 30"X24"

DETOUR M4-9BL 30"X24"

R/W

TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH

959+00 959+50 960+00 960+50 961+00 961+50 962+00

STH 124 (BAY ST)

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR M4-9BL 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

M4-60D 30"X24"

TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH

DETOUR M4-9BR 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR M4-9BR 30"X24"

DETOUR M4-9BL 30"X24"

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 4	SHEET 131	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 07 (4)
PLOT DATE : 7/1/2024 12:13 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

CEDAR ST

OAK ST

BAY ST

R/W

M4-9BL
30"X24"

M4-9BR
30"X24"

M4-60D
30"X24"

STH 124 (CEDAR ST)

967+50

968+00

968+50

967+00

966+50

966+00

STH 124 (BAY ST)

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1	SHEET 132	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 08
PLOT DATE : 7/1/2024 12:13 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

CEDAR ST

R/W

M4-60D
30"X24"

BAY ST

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

R/W

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

R/W

967+50

968+00

968+50

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

STH 124 (CEDAR ST)

967+00

OAK ST

R/W

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

R/W

M4-60D
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

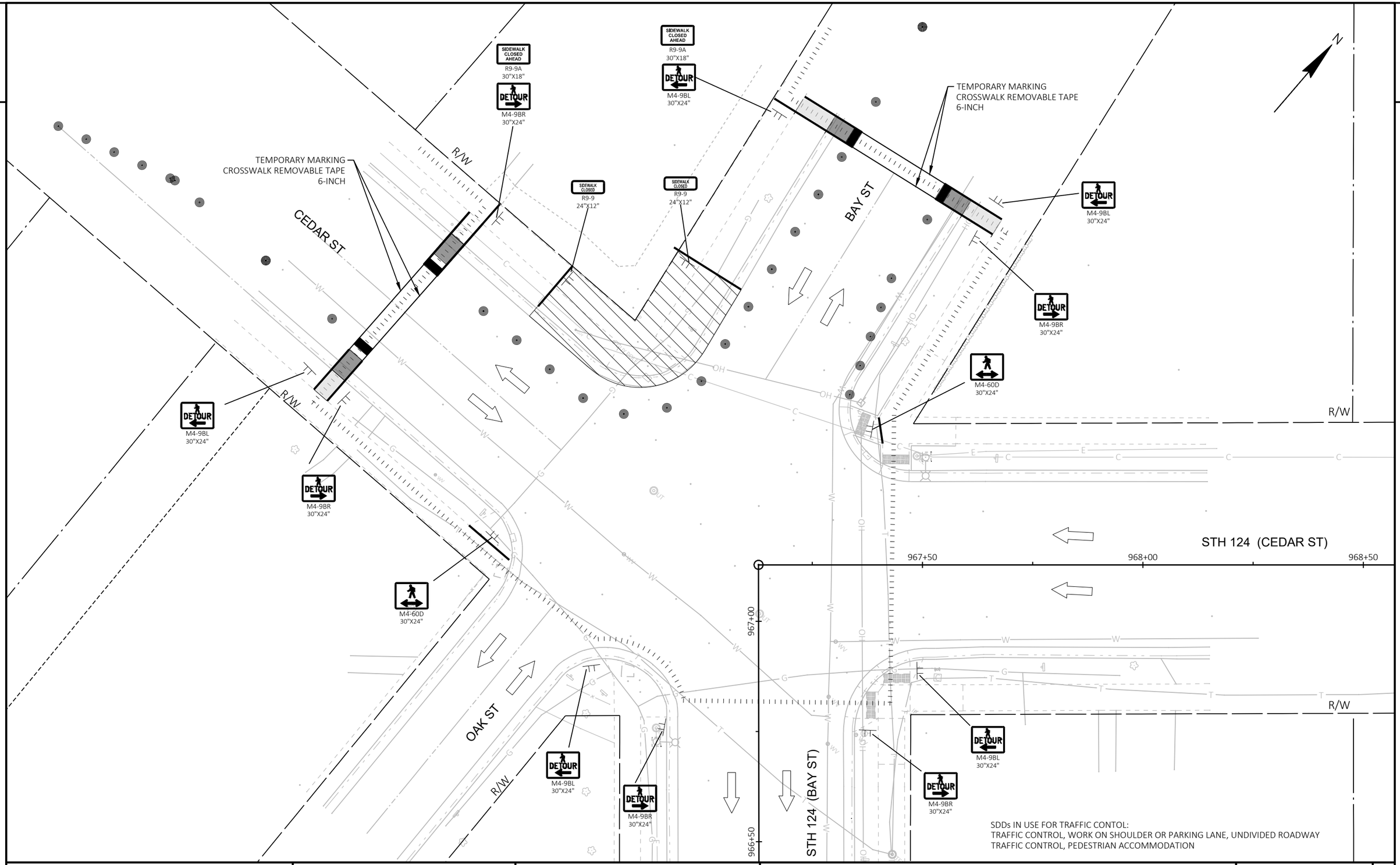
966+50

STH 124 (BAY ST)

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2	SHEET 133	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 09
PLOT DATE : 7/1/2024 12:13 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3	SHEET 134	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 10
PLOT DATE : 7/1/2024 12:14 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

CEDAR ST

R/W

BAY ST

OAK ST

STH 124 (CEDAR ST)

STH 124 (BAY ST)

967+50

968+00

968+50

967+00

966+50

966+00

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

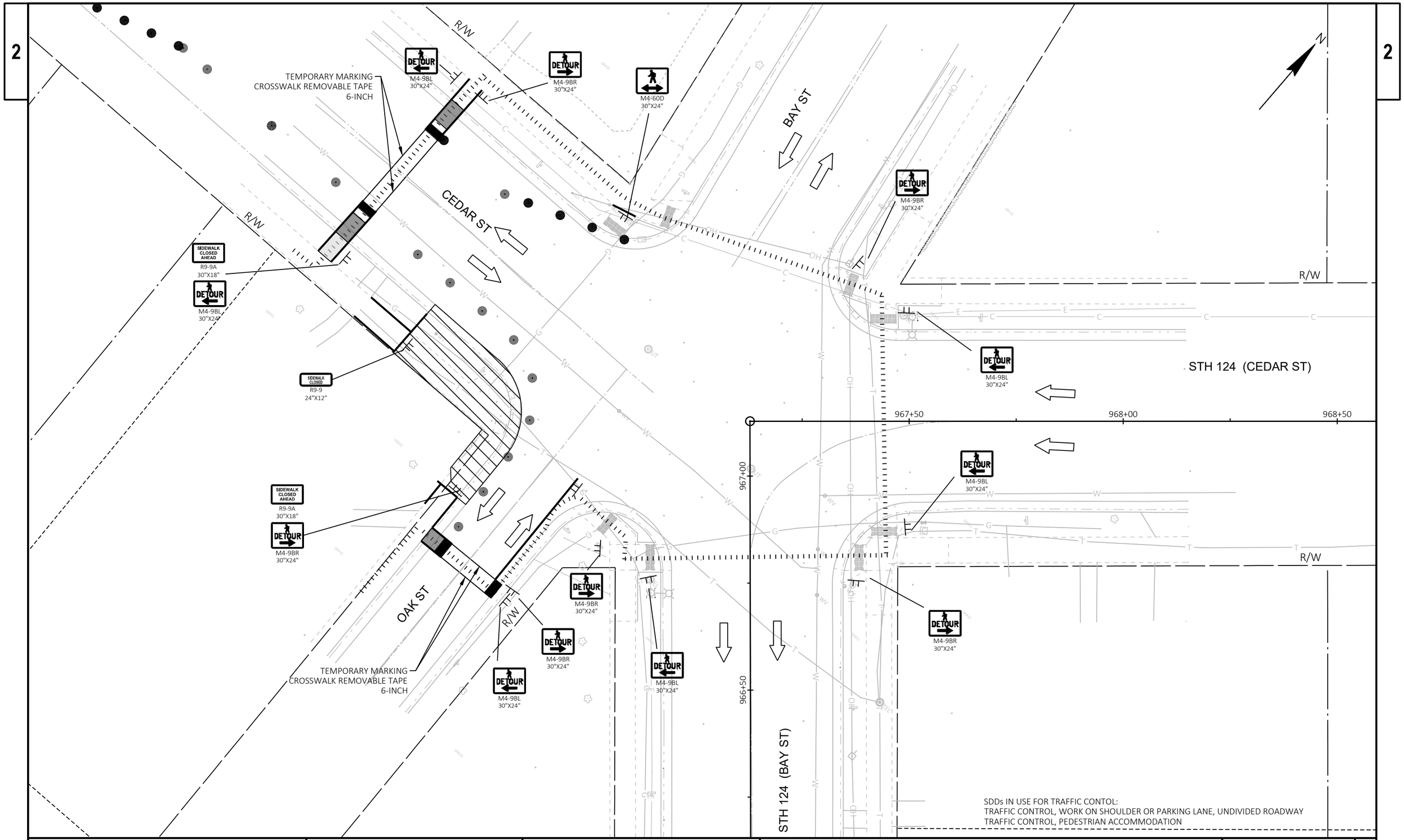
SIDEWALK CLOSED
R9-9
24"X12"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 4	SHEET 135	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 11
PLOT DATE : 7/1/2024 12:15 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 5	SHEET 136	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 12
PLOT DATE : 7/1/2024 12:16 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

N

R/W

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

973+00

972+50

STH 124 (BRIDGE ST)

R/W

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

+00

970+50

971+00

971+50

STH 124 (CEDAR ST)

R/W

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

BRIDGE ST

R/W

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1	SHEET 137	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 08 (2)

PLOT DATE : 7/1/2024 12:16 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

R/W

R/W

R/W

R/W

R/W

R/W

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

970+00
970+50
971+00
971+50
972+00
972+50

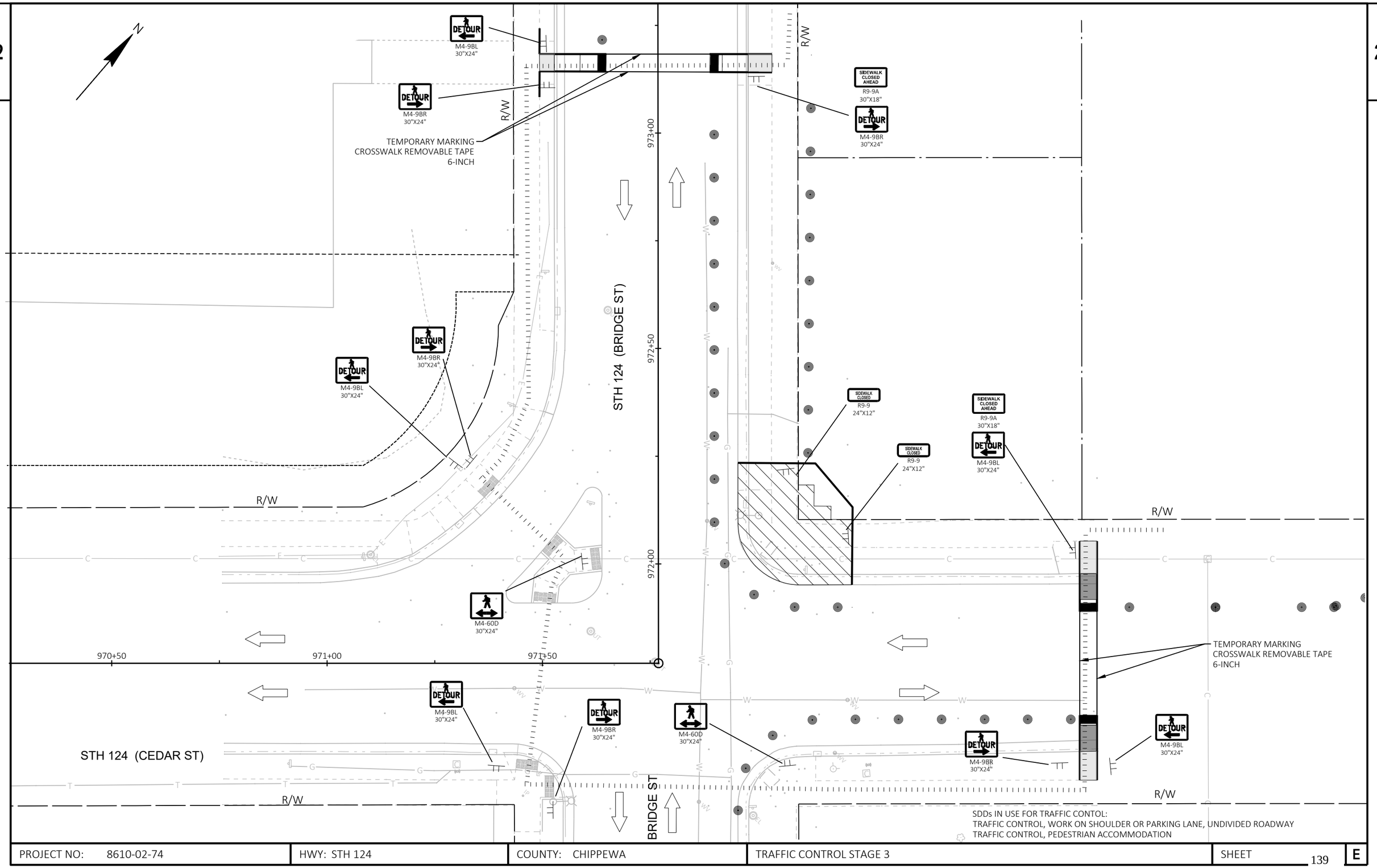
STH 124 (CEDAR ST)

STH 124 (BRIDGE ST)

BRIDGE ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2	SHEET 138	E



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3	SHEET 139	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 10 (2)
PLOT DATE : 7/1/2024 12:17 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

R/W

STH 124 (BRIDGE ST)

972+50

972+00

STH 124 (CEDAR ST)

970+50

971+00

971+50

M4-9BR
30"X24"

M4-9BL
30"X24"

M4-60D
30"X24"

M4-9BL
30"X24"

M4-9BR
30"X24"

R/W

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

M4-60D
30"X24"

R/W

M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

M4-9BL
30"X24"

M4-9BL
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

BRIDGE ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 4	SHEET 140	E

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

ELM ST/ SB STH 124

N HIGH ST/NB STH 124

POND ST

ELM ST

JEFFERSON AVE/STH 124

982+00

982+50

983+00

983+50

984+00

R/W

M4-9BR 30"X24"

M4-9BL 30"X24"

M4-60D 30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1	SHEET 141 E

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

ELM ST/ SB STH 124

N HIGH ST/NB STH 124

POND ST

JEFFERSON AVE/STH 124

ELM ST

982+00

982+50

983+00

983+50

R/W

M4-9BR
30"X24"

M4-9BL
30"X24"

M4-60D
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2	SHEET 142 E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 14
PLOT DATE : 7/1/2024 12:19 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

ELM ST/ SB STH 124

N HIGH ST/NB STH 124

POND ST

ELM ST

JEFFERSON AVE/STH 124

R/W

981+50

982+00

982+50

983+00

983+50

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3	SHEET 143	E

2

2

981+00

981+50

982+00

982+50

983+00

983+50

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

ELM ST/ SB STH 124

N HIGH ST/NB STH 124

POND ST

ELM ST

JEFFERSON AVE/STH 124

R/W

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 4	SHEET 144	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025100-TC.DWG
LAYOUT NAME - 16
PLOT DATE : 7/1/2024 12:20 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

ELM ST/ SB STH 124

981+50

982+00

982+50

R/W

M4-60D
30"X24"

M4-9BL
30"X24"

M4-9BR
30"X24"

POND ST

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED
R9-9
24"X12"

983+00

983+50

984+00

JEFFERSON AVE/STH 124

N HIGH ST/NB STH 124

ELM ST

SDDs IN USE FOR TRAFFIC CONTOL:
TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 5	SHEET 145	E

2

2

BRIDGEWATER AVE

N

R/W

M4-9BL
30"X24"

M4-9BR
30"X24"

M4-60D
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

989+00

989+50

990+00

990+50

991+00

991+50

STH 124 (JEFFERSON AVE)

R/W

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-9AL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

M4-60D
30"X24"

M4-9BL
30"X24"

M4-9BR
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

R/W

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

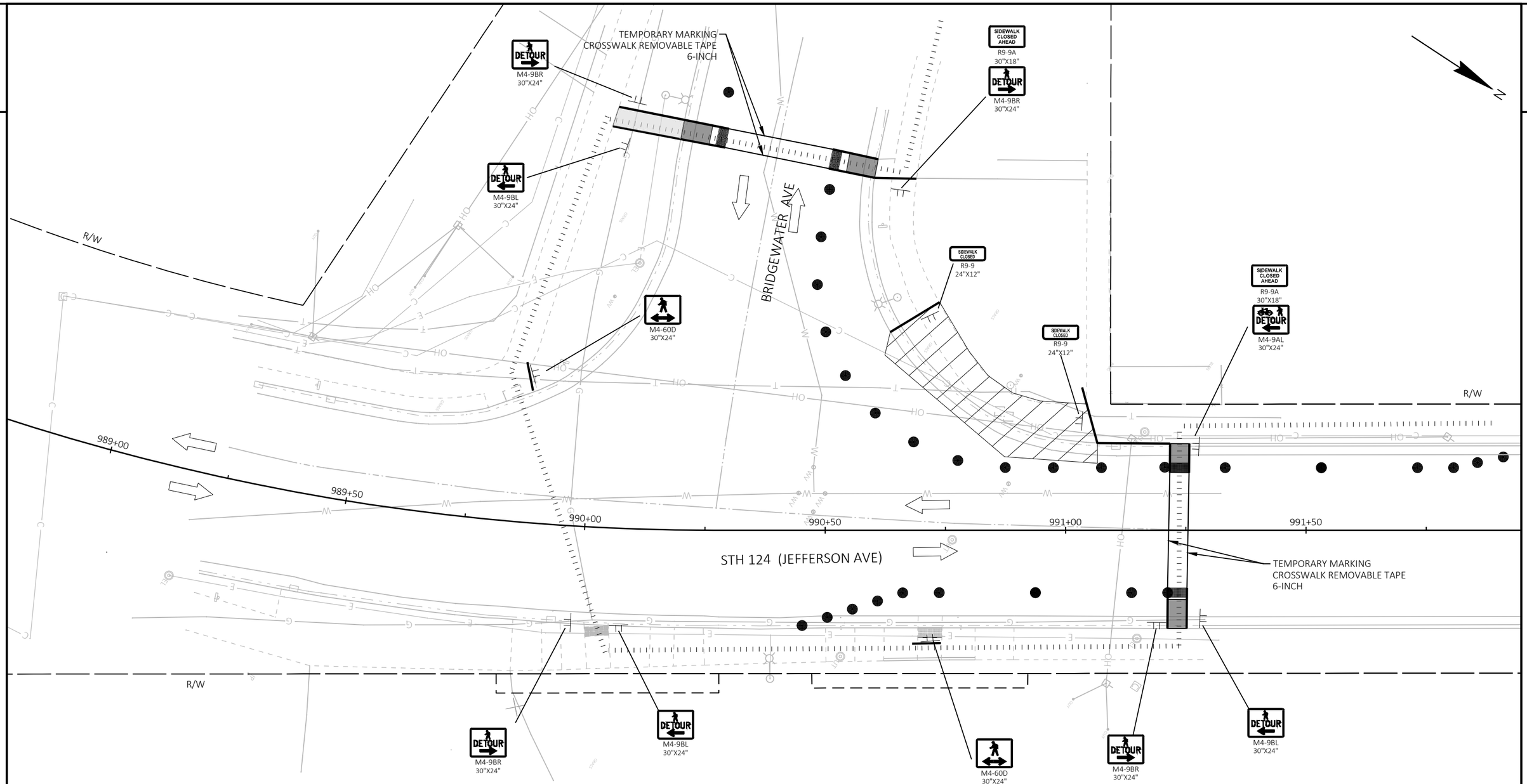
M4-9BR
30"X24"

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1 - BRIDGEWATER AVE EAST	SHEET 146	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 01-s1

PLOT DATE : 7/1/2024 3:19 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



2

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2 - BRIDGEWATER AVE NW	SHEET 147	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 01-s2
PLOT DATE : 7/1/2024 3:19 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"
DETOUR
M4-9AL
30"X24"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"
DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

BRIDGEWATER AVE

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

R/W

R/W

989+00

989+50

990+00

990+50

991+00

991+50

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

STH 124 (JEFFERSON AVE)

DETOUR
M4-9BR
30"X24"

R/W

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3 - BRIDGEWATER AVE SW	SHEET 148	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 01-s3
PLOT DATE : 7/1/2024 3:19 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

2

JOHN ST

M4-9BL
30"X24"

M4-9BR
30"X24"

M4-60D
30"X24"

M4-60D
30"X24"

M4-9BL
30"X24"

M4-9BR
30"X24"

R/W

R/W

STH 124 (JEFFERSON AVE)

993+50 994+00 994+50 995+00 995+50 996+00

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

R/W

R/W

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9AL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

2

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1 - JOHN ST EAST	SHEET 149	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 02-s1

PLOT DATE : 7/1/2024 3:20 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

JOHN ST

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9AL
30"X24"

R/W

R/W

STH 124 (JEFFERSON AVE)

993+50 994+00 994+50 995+00 995+50 996+00

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

R/W

R/W

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

M4-60D
30"X24"

M4-60D
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2 - JOHN ST WEST	SHEET 150	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 02-s2
PLOT DATE : 7/1/2024 3:20 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

N

FAIR ST

IRVINE PARK DR

STH 124 (JEFFERSON AVE)

R/W

997+50

998+00

998+50

999+00

999+50

1000+00

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

EXISTING CROSSWALK
(SIGNED AND MARKED)

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9AL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1 - IRVINE PARK DR WEST	SHEET 151	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 03-s1
PLOT DATE : 7/1/2024 3:20 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

N

FAIR ST

IRVINE PARK DR

STH 124 (JEFFERSON AVE)

R/W

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

997+50

998+00

998+50

999+00

999+50

1000+00

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

EXISTING CROSSWALK
(SIGNED AND MARKED)

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 2 - FAIR ST WEST	SHEET 152	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 03-s2

PLOT DATE : 7/1/2024 3:21 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

N

FAIR ST

R/W

MARKING REMOVAL LINE
4-INCH (DOUBLE YELLOW)

M4-60D
30"X24"

IRVINE PARK DR

997+50

998+00

+15.00
0.00'

+36.06
-3.75'LT

STH 124 (JEFFERSON AVE)

998+50

999+00

999+50

1000+00

+13.16
-4.25'LT

+34.20
-0.25'LT

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH
(DOUBLE YELLOW)

EXISTING CROSSWALK
(SIGNED AND MARKED)

R/W

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9AL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 3 - IRVINE PARK DR EAST	SHEET 153	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 03-s3
PLOT DATE : 7/1/2024 3:21 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

N

R/W

1011+00

1011+50

1012+00

1012+50

1013+00

1013+50

STH 124 (JEFFERSON AVE)

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

R/W

R/W

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9AL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

EDWARD ST

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1 - EDWARD ST	SHEET 154	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 04-s1

PLOT DATE : 7/1/2024 3:21 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

N

R/W

1017+00 1017+50 1018+00 1018+50 1019+00 1019+50

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

STH 124 (JEFFERSON AVE)

R/W

R/W

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9AL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

FIRST AVE

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1 - FIRST AVE	SHEET 155	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 05-s1
PLOT DATE : 7/1/2024 3:21 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

N

R/W

STH 124 (JEFFERSON AVE)

1020+50 1021+00 1021+50 1022+00 1022+50 1023+00

TEMPORARY MARKING
CROSSWALK REMOVABLE TAPE
6-INCH

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9AL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

R/W

R/W

SECOND AVE

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1 - SECOND AVE	SHEET 156	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 06-s1

PLOT DATE : 7/1/2024 3:22 PM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

N

R/W

STH 124 (JEFFERSON AVE)

1023+50 1024+00 1024+50 1025+00 1025+50 1026+00

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9AL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

THIRD AVE

R/W

R/W

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL STAGE 1 - THIRD AVE	SHEET 157	E

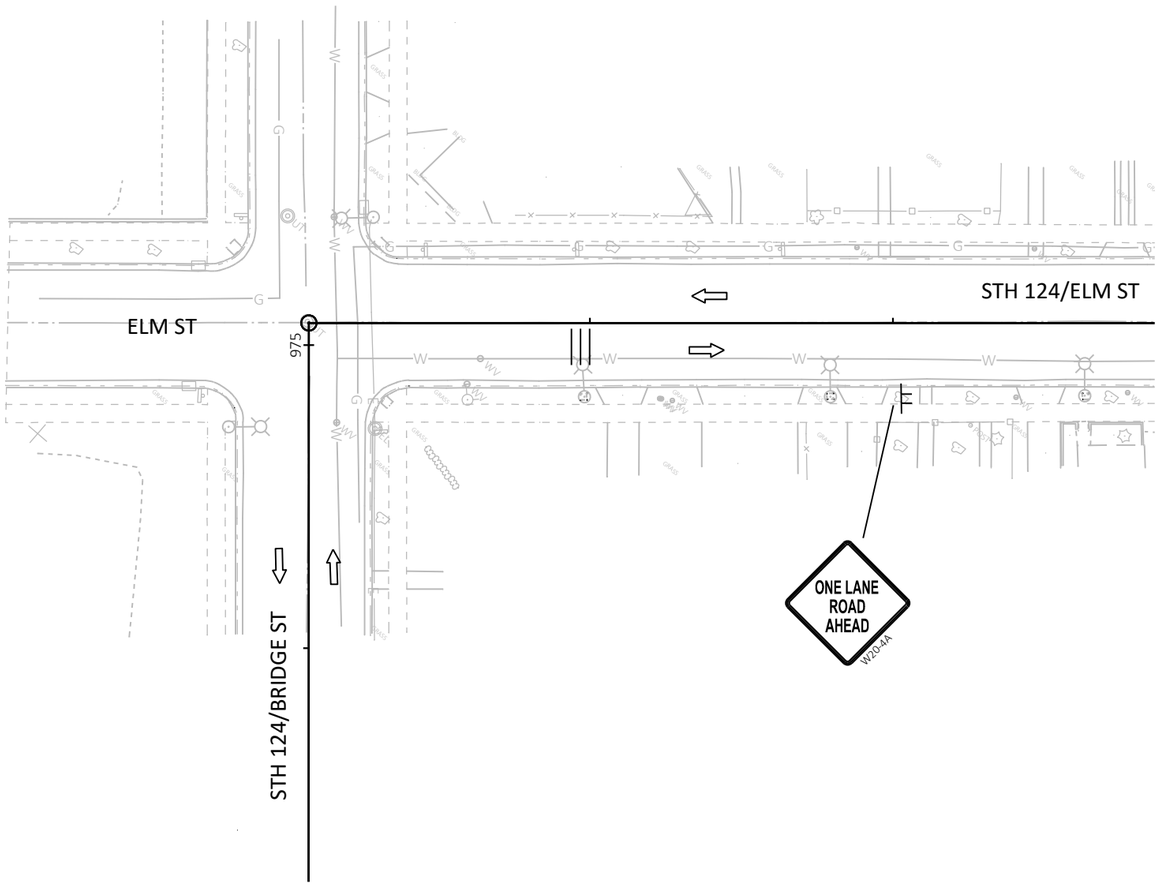
FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025135-TC.DWG
LAYOUT NAME - 07-s1
PLOT DATE : 7/1/2024 3:22 PM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- TEMPORARY PORTABLE RUMBLE STRIP ARRAY

FOR ADDITIONAL DETAILS AND NOTES REFER TO STANDARD DETAIL TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL - FLAGGING OPERATIONS FOR STORM SEWER WORK	SHEET 158	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025140-TC.DWG PLOT DATE : 7/10/2024 10:41 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:50 FT
DETAILS NAME - 01

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- TEMPORARY PORTABLE RUMBLE STRIP ARRAY

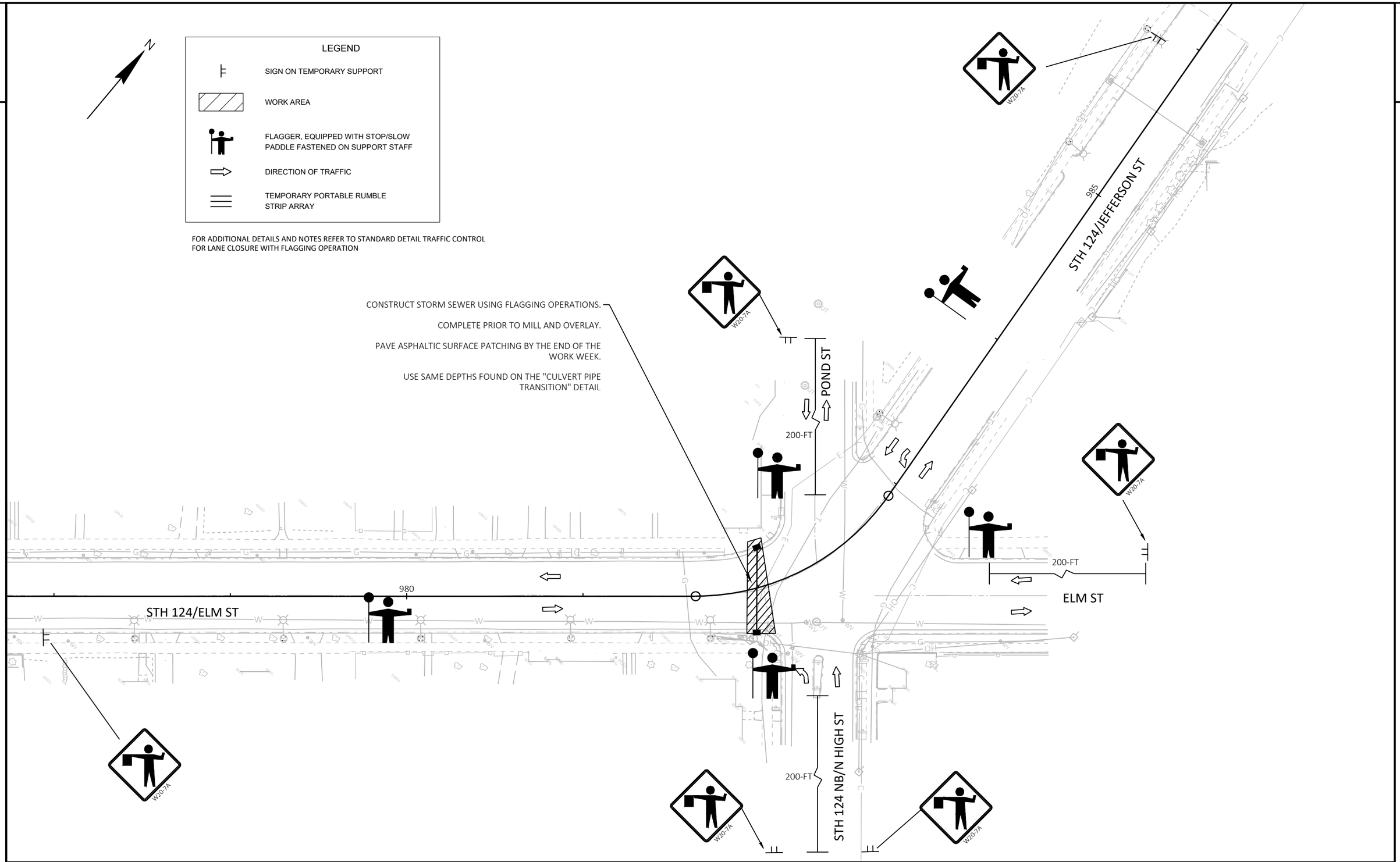
FOR ADDITIONAL DETAILS AND NOTES REFER TO STANDARD DETAIL TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

CONSTRUCT STORM SEWER USING FLAGGING OPERATIONS.

COMPLETE PRIOR TO MILL AND OVERLAY.

PAVE ASPHALTIC SURFACE PATCHING BY THE END OF THE WORK WEEK.

USE SAME DEPTHS FOUND ON THE "CULVERT PIPE TRANSITION" DETAIL



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL - FLAGGING OPERATIONS FOR STORM SEWER WORK	SHEET 159	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025140-TC.DWG
DETAILS NAME - 02
PLOT DATE : 7/10/2024 10:41 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

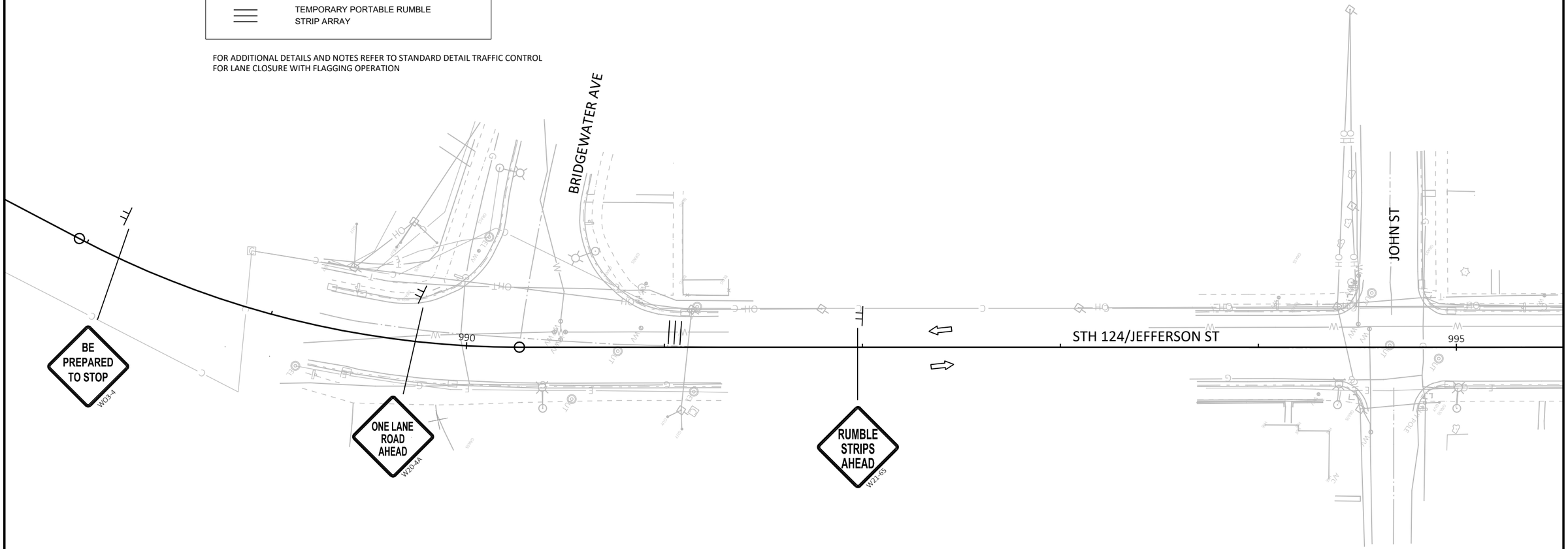
2

N

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- TEMPORARY PORTABLE RUMBLE STRIP ARRAY

FOR ADDITIONAL DETAILS AND NOTES REFER TO STANDARD DETAIL TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION



PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	TRAFFIC CONTROL - FLAGGING OPERATIONS FOR STORM SEWER WORK	SHEET 160	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\025140-TC.DWG
DETAILS NAME - 03

PLOT DATE : 7/10/2024 10:42 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

PI STA = 938+42.98
Y = 128882.346
X = 171893.165

PI STA = 940+12.39
Y = 128772.505
X = 171764.192

PI STA = 940+66.64
Y = 128739.217
X = 171721.347

PI STA = 967+12.80
Y = 130746.416
X = 169997.016

PI STA = 971+76.92
Y = 131048.280
X = 170349.557

PI STA = 975+07.26
Y = 131299.041
X = 170134.521

W RIVER ST

PI: 940+66.64

S52° 09' 18"W

PI: 940+12.39

S49° 34' 49"W 940

BP: 938+42.98

945

950

N40° 39' 54"W

955

960

965

BAY ST/STH 124 SB

PI: 967+12.80

N

2

BEGIN PROJECT 8610-02-74
STA 938+63.59
Y = 128,868.982
X = 171,877.473

W SPRING ST

W CENTRAL ST

W GRAND AVE

W COLUMBIA ST

W WILLOW ST

W BIRCH ST

W SPRUCE ST

W CEDAR ST

970

N49° 25' 41"E

N BRIDGE ST

N40° 36' 51"W

PI: 971+76.92

PI: 975+07.26

975

N49° 25' 41"E

970

N40° 36' 51"W

W ELM ST

N49° 22' 51"E

980

N BRIDGE ST

PI: 971+76.92

PI STA = 982+33.38
Y = 131771.763
X = 170685.682
DELTA = 55°04'51"
D = 42°57'37"
T = 69.55'
L = 128.21'
R = 133.37'
PC STA = 981+63.83
Y = 131726.485
X = 170632.892
PT STA = 982+92.04
Y = 131840.966
X = 170678.774
BK = N49°22'51"E
AH = N05°42'00"W
SE = NC

W SPRUCE ST

PC: 981+63.83

PT: 982+92.04

POND ST

B-09-001
EXCEPTION TO LENGTH
STA 986+18 - 987+73

PI STA = 989+13.45
Y = 132459.301
X = 170617.055
DELTA = 27°44'37"
D = 12°00'00"
T = 117.91'
L = 231.20'
R = 477.47'
PC STA = 987+95.54
Y = 132341.972
X = 170628.766
PT STA = 990+26.73
Y = 132557.690
X = 170552.072
BK = N05°42'00"W
AH = N33°26'37"W
SE = NC

PC: 987+95.54

PT: 990+26.74

985

N5° 42' 00"W

990

BRIDGEWATER AVE

JEFFERSON AVE/STH 124

N33° 26' 37"W

995

JOHN ST

FAIR ST

PC: 996+98.81

PI: 997+72.92

PT: 998+44.04

1000

N5° 15' 43"W

PI STA = 997+72.92
Y = 133180.331
X = 170140.834
DELTA = 28°10'54"
D = 19°24'15"
T = 74.12'
L = 145.24'
R = 295.28'
PC STA = 996+98.81
Y = 133118.485
X = 170181.682
PT STA = 998+44.04
Y = 133254.137
X = 170134.037
BK = N33°26'37"W
AH = N05°15'43"W
SE = NC

N BRIDGE ST

PI: 971+76.92

N49° 25' 41"E

970

N40° 36' 51"W

PI: 975+07.26

975

W ELM ST

N49° 22' 51"E

980

PC: 981+63.83

PT: 982+92.04

N HIGH ST/STH 124 NB

PI: 982+33.38

BEGIN PROJECT 8610-08-73
END PROJECT 8610-02-74
STA 982+75.00
Y = 131,823.947
X = 170,619.380

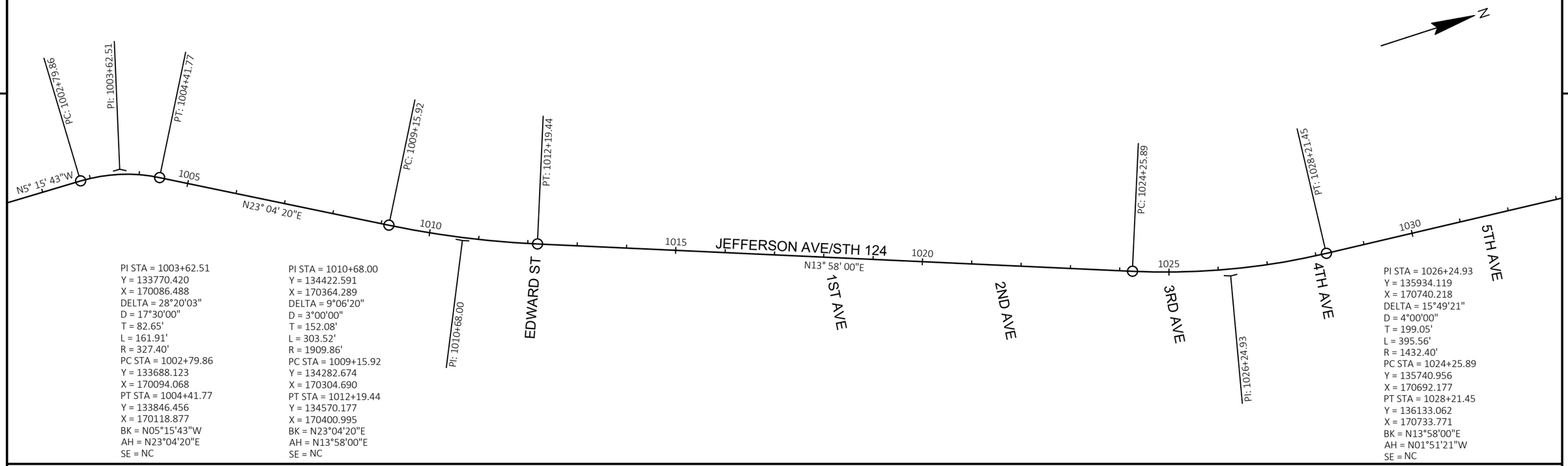
PI: 989+13.45

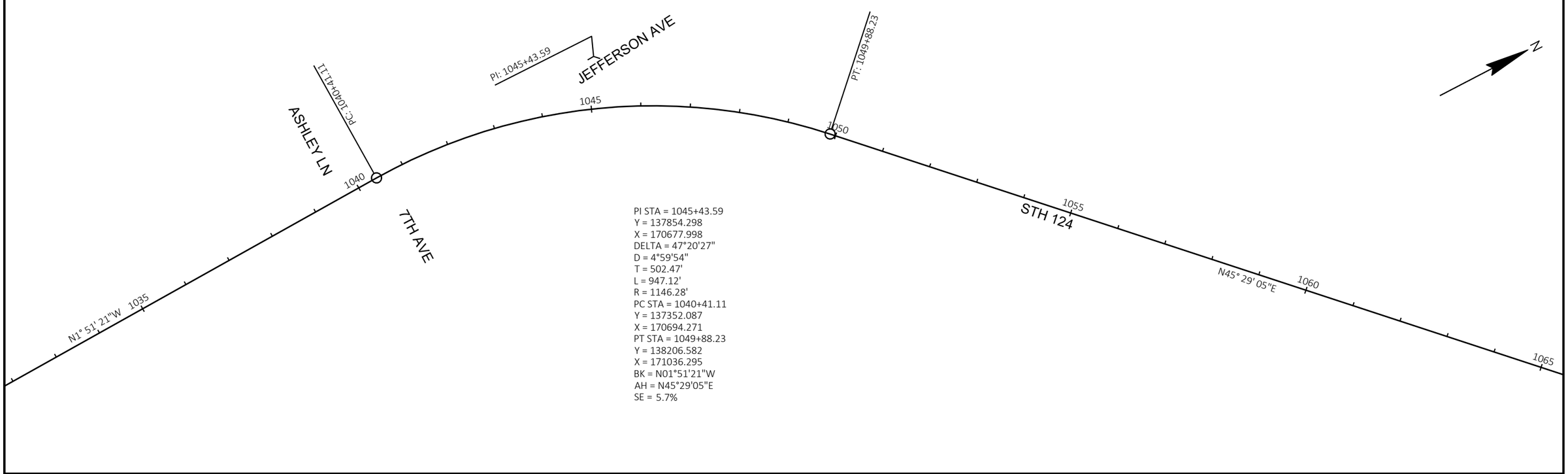
N

PROJECT NO: 8610-02-74 & 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	ALIGNMENT DIAGRAM	SHEET 161	E

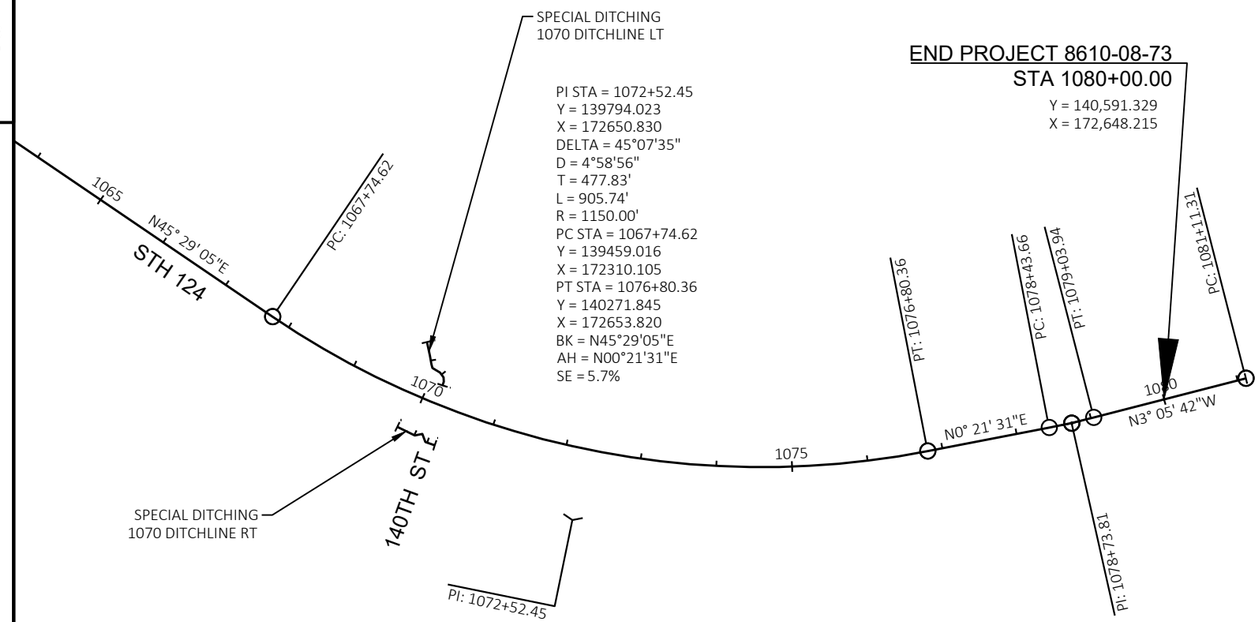
FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\027201-AD.DWG
LAYOUT NAME - 01
PLOT DATE : 7/5/2024 8:09 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2





PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	ALIGNMENT DIAGRAM	SHEET 162	E



N

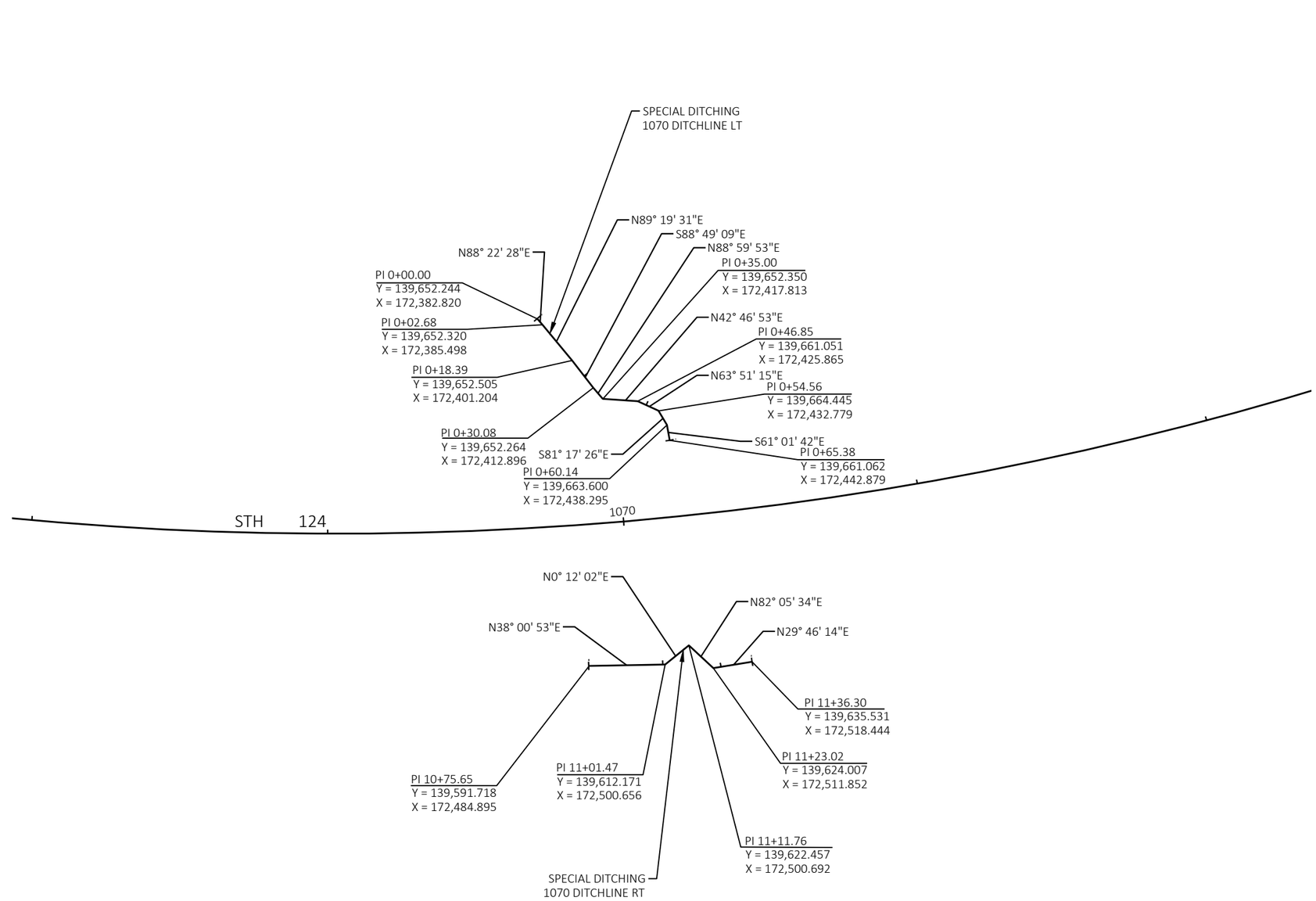
PI STA = 1078+73.81
Y = 140465.290
X = 172655.030
DELTA = 3°27'12"
D = 5°43'46"
T = 30.15'
L = 60.27'
R = 1000.00'
PC STA = 1078+43.66
Y = 140435.145
X = 172654.841
PT STA = 1079+03.94
Y = 140495.391
X = 172653.402
BK = N00°21'31"E
AH = N03°05'42"W
SE = N/A

2

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	ALIGNMENT DIAGRAM	SHEET 163	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\027201-AD.DWG
LAYOUT NAME - 03
PLOT DATE : 7/5/2024 8:09 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	ALIGNMENT DIAGRAM	SHEET 164	E

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	8610-02-74 Qty	8610-08-73 Qty
0002	201.0205	Grubbing	STA	2.000		2.000
0004	203.0100	Removing Small Pipe Culverts	EACH	2.000		2.000
0006	204.0105	Removing Concrete Pavement Butt Joints	SY	303.000	303.000	
0008	204.0109.S	Removing Concrete Surface Partial Depth	SF	13,560.000	13,560.000	
0010	204.0110	Removing Asphaltic Surface	SY	172.000	172.000	
0012	204.0115	Removing Asphaltic Surface Butt Joints	SY	1,099.000	395.000	704.000
0014	204.0120	Removing Asphaltic Surface Milling	SY	60,663.000	20,370.000	40,293.000
0016	204.0150	Removing Curb & Gutter	LF	4,104.000	3,276.000	828.000
0018	204.0155	Removing Concrete Sidewalk	SY	2,177.000	1,664.000	513.000
0020	204.0195	Removing Concrete Bases	EACH	2.000	2.000	
0022	204.0210	Removing Manholes	EACH	1.000	1.000	
0024	204.0215	Removing Catch Basins	EACH	2.000	2.000	
0026	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	55.000	55.000	
0028	205.0100	Excavation Common	CY	2,122.000	982.000	1,140.000
0030	208.1500.S	Temporary Lane Shift During Culvert Work	EACH	2.000		2.000
0032	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 8610-02-74	EACH	1.000	1.000	
0034	211.0101	Prepare Foundation for Asphaltic Paving (project) 02. 8610-08-73	EACH	1.000		1.000
0036	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	50.000		50.000
0038	213.0100	Finishing Roadway (project) 01. 8610-02-74	EACH	1.000	1.000	
0040	213.0100	Finishing Roadway (project) 02. 8610-08-73	EACH	1.000		1.000
0042	305.0110	Base Aggregate Dense 3/4-Inch	TON	529.000		529.000
0044	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	1,865.000	300.000	1,565.000
0046	390.0100	Removing Pavement for Base Patching	CY	45.000	45.000	
0048	390.0405	Base Patching Concrete SHES	CY	45.000	45.000	
0050	416.0610	Drilled Tie Bars	EACH	68.000	68.000	
0052	416.0620	Drilled Dowel Bars	EACH	272.000	272.000	
0054	455.0605	Tack Coat	GAL	7,874.000	2,878.000	4,996.000
0056	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	1.000	1.000	
0058	460.6645	HMA Pavement 5 MT 58-34 V	TON	12,653.000	4,596.000	8,057.000
0060	460.9000.S	Material Transfer Vehicle	EACH	1.000	1.000	
0062	465.0105	Asphaltic Surface	TON	268.000		268.000
0064	465.0110	Asphaltic Surface Patching	TON	253.000	53.000	200.000
0066	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	89.000		89.000
0068	520.8700	Cleaning Culvert Pipes	EACH	1.000		1.000
0070	522.2319	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	LF	178.000		178.000
0072	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	6.000		6.000
0074	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	88.000	88.000	
0076	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	90.000	90.000	
0078	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	4,274.000	3,382.000	892.000
0080	601.0600	Concrete Curb Pedestrian	LF	1,186.000	1,064.000	122.000
0082	602.0410	Concrete Sidewalk 5-Inch	SF	18,515.000	13,988.000	4,527.000
0084	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	1,228.000	922.000	306.000
0086	602.0815	Concrete Driveway 7-Inch	SY	108.000	108.000	
0088	602.0870	Concrete Driveway HES 8-Inch	SY	44.000	44.000	
0090	606.0200	Riprap Medium	CY	6.000		6.000
0092	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	49.000	49.000	
0094	611.0624	Inlet Covers Type H	EACH	2.000	2.000	
0096	611.3230	Inlets 2x3-FT	EACH	2.000	2.000	
0098	611.8110	Adjusting Manhole Covers	EACH	67.000	44.000	23.000

Line	Item	Item Description	Unit	Total	8610-02-74 Qty	8610-08-73 Qty
0100	611.8115	Adjusting Inlet Covers	EACH	42.000	39.000	3.000
0102	619.1000	Mobilization	EACH	1.000	0.500	0.500
0104	621.0100	Landmark Reference Monuments	EACH	1.000		1.000
0106	624.0100	Water	MGAL	34.300	5.000	29.300
0108	625.0100	Topsoil	SY	380.000	230.000	150.000
0110	625.0500	Salvaged Topsoil	SY	1,162.000		1,162.000
0112	628.1905	Mobilizations Erosion Control	EACH	43.000	21.000	22.000
0114	628.1910	Mobilizations Emergency Erosion Control	EACH	12.000	6.000	6.000
0116	628.2023	Erosion Mat Class II Type B	SY	1,309.000		1,309.000
0118	628.7005	Inlet Protection Type A	EACH	2.000	2.000	
0120	628.7015	Inlet Protection Type C	EACH	95.000	60.000	35.000
0122	628.7555	Culvert Pipe Checks	EACH	23.000		23.000
0124	629.0205	Fertilizer Type A	CWT	3.000	1.400	1.600
0126	630.0120	Seeding Mixture No. 20	LB	53.000		53.000
0128	630.0160	Seeding Mixture No. 60	LB	4.900	2.900	2.000
0130	630.0200	Seeding Temporary	LB	64.000	7.000	57.000
0132	630.0500	Seed Water	MGAL	34.600	4.900	29.700
0134	631.0300	Sod Water	MGAL	7.100	3.800	3.300
0136	631.1000	Sod Lawn	SY	391.000	230.000	161.000
0138	633.5200	Markers Culvert End	EACH	8.000		8.000
0140	642.5001	Field Office Type B	EACH	1.000	0.500	0.500
0142	643.0300	Traffic Control Drums	DAY	116,681.000	108,770.000	7,911.000
0144	643.0900	Traffic Control Signs	DAY	46,596.000	43,939.000	2,657.000
0146	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000	
0148	643.3170	Temporary Marking Line Epoxy 6-Inch	LF	50,007.000	4,735.000	45,272.000
0150	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	440.000		440.000
0152	643.3350	Temporary Marking Crosswalk Removable Tape 6-inch	LF	6,800.000	5,700.000	1,100.000
0154	643.5000	Traffic Control	EACH	1.000	0.500	0.500
0156	644.1430	Temporary Pedestrian Surface Plate	SF	291.000		291.000
0158	644.1440	Temporary Pedestrian Surface Matting	SF	3,480.000	2,980.000	500.000
0160	644.1601	Temporary Pedestrian Curb Ramp	DAY	8,793.000	8,094.000	699.000
0162	644.1605	Temporary Pedestrian Detectable Warning Field	SF	2,491.000	1,911.000	580.000
0164	644.1810	Temporary Pedestrian Barricade	LF	13,500.000	11,000.000	2,500.000
0166	645.0120	Geotextile Type HR	SY	13.000		13.000
0168	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	39,600.000	3,239.000	36,361.000
0170	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	838.000	141.000	697.000
0172	646.4720	Marking Line Same Day Epoxy 6-Inch	LF	22,691.000	2,172.000	20,519.000
0174	646.5020	Marking Arrow Epoxy	EACH	20.000	6.000	14.000
0176	646.5120	Marking Word Epoxy	EACH	3.000	2.000	1.000
0178	646.5220	Marking Symbol Epoxy	EACH	26.000		26.000
0180	646.6120	Marking Stop Line Epoxy 18-Inch	LF	953.000	689.000	264.000
0182	646.7120	Marking Diagonal Epoxy 12-Inch	LF	1,153.000	689.000	464.000
0184	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	5,109.000	3,926.000	1,183.000
0186	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	36.000	36.000	
0188	646.8320	Marking Parking Stall Epoxy	LF	2,540.000	2,528.000	12.000
0190	646.9000	Marking Removal Line 4-Inch	LF	440.000		440.000
0192	650.4000	Construction Staking Storm Sewer	EACH	2.000	2.000	
0194	650.4500	Construction Staking Subgrade	LF	210.000		210.000
0196	650.5000	Construction Staking Base	LF	210.000		210.000

					8610-02-74	8610-08-73
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**
0198	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	4,442.000	3,550.000	892.000
0200	650.6000	Construction Staking Pipe Culverts	EACH	3.000		3.000
0202	650.8000	Construction Staking Resurfacing Reference	LF	13,986.000	4,416.000	9,570.000
0204	650.9000	Construction Staking Curb Ramps	EACH	80.000	53.000	27.000
0206	650.9500	Construction Staking Sidewalk (project) 01. 8610-02-74	EACH	1.000	1.000	
0208	650.9500	Construction Staking Sidewalk (project) 02. 8610-08-73	EACH	1.000		1.000
0210	650.9911	Construction Staking Supplemental Control (project) 01. 8610-02-74	EACH	1.000	1.000	
0212	650.9911	Construction Staking Supplemental Control (project) 02. 8610-08-73	EACH	1.000		1.000
0214	650.9920	Construction Staking Slope Stakes	LF	410.000		410.000
0216	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	65.000	65.000	
0218	652.0700.S	Install Conduit into Existing Item	EACH	6.000	6.000	
0220	653.0900	Adjusting Pull Boxes	EACH	20.000	20.000	
0222	654.0110	Concrete Bases Type 10	EACH	2.000	2.000	
0224	654.0120	Concrete Bases Type 10-Special	EACH	4.000	4.000	
0226	655.0230	Cable Traffic Signal 5-14 AWG	LF	545.000	545.000	
0228	655.0240	Cable Traffic Signal 7-14 AWG	LF	573.000	573.000	
0230	655.0260	Cable Traffic Signal 12-14 AWG	LF	63.000	63.000	
0232	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	762.000	762.000	
0234	655.0900	Traffic Signal EVP Detector Cable	LF	546.000	546.000	
0236	657.0345	Poles Type 9	EACH	2.000	2.000	
0238	657.0347	Poles Type 9-Special	EACH	4.000	4.000	
0240	657.0520	Monotube Arms 20-FT	EACH	1.000	1.000	
0242	657.0525	Monotube Arms 25-FT	EACH	1.000	1.000	
0244	657.0536	Monotube Arms 35-FT-Special	EACH	4.000	4.000	
0246	658.0173	Traffic Signal Face 3S 12-Inch	EACH	11.000	11.000	
0248	658.0416	Pedestrian Signal Face 16-Inch	EACH	2.000	2.000	
0250	658.5070	Signal Mounting Hardware (location) 01. STH 124/Bay Street & River Street	EACH	1.000	1.000	
0252	658.5070	Signal Mounting Hardware (location) 02. STH 124/Bay Street & Spring Street	EACH	1.000	1.000	
0254	658.5070	Signal Mounting Hardware (location) 03. STH 124/Bay Street & Central Street	EACH	1.000	1.000	
0256	658.5070	Signal Mounting Hardware (location) 04. STH 124/Bay Street & Grand Avenue	EACH	1.000	1.000	
0258	658.5070	Signal Mounting Hardware (location) 05. STH 124/Bay Street & Columbia Street	EACH	1.000	1.000	
0260	690.0150	Sawing Asphalt	LF	4,663.000	3,471.000	1,192.000
0262	690.0250	Sawing Concrete	LF	3,240.000	2,917.000	323.000
0264	740.0440	Incentive IRI Ride	DOL	10,712.000	3,345.000	7,367.000
0266	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	200.000	200.000	
0268	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	300.000	300.000	
0270	SPV.0055	Special 01. Incentive Density PWL HMA Pavement	DOL	7,135.000	2,415.000	4,720.000
0272	SPV.0055	Special 02. Incentive Air Voids HMA Pavement	DOL	12,392.000	4,483.000	7,909.000
0274	SPV.0055	Special 03. Incentive Density HMA Pavement Longitudinal Joints	DOL	7,780.000	3,890.000	3,890.000
0276	SPV.0060	Special 01. Salvaging Traffic Signals Equipment STH 124/Bay Street & River Street	EACH	1.000	1.000	
0278	SPV.0060	Special 02. Salvaging Traffic Signal Head	EACH	4.000	4.000	
0280	SPV.0060	Special 03. Salvaging and Reinstalling EVP Detectors STH 124/Bay Street & River Street	EACH	1.000	1.000	
0282	SPV.0090	Special 01. Ditch Cleaning	LF	85.000		85.000
0284	SPV.0165	Special 01. Salvage and Reinstall Brick Pavers	SF	87.000	87.000	
0286	SPV.0180	Special 01. Removing Distressed Pavement Milling	SY	400.000	100.000	300.000
0288	SPV.0180	Special 02. Prepare Topsoil For Lawn Type Turf	SY	391.000	230.000	161.000

3

GRUBBING

CATEGORY	STATION	-	STATION	LOCATION	201.0205 GRUBBING (STA)
0010	1069+00	-	1071+00	RT	2
				PROJECT 8610-08-73 TOTALS	2
				COMBINED 8610-02-74 AND 8610-08-73 TOTALS	2

REMOVING SMALL CULVERT PIPES

CATEGORY	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS (EACH)	NOTES
0010	1051+45	LT/RT	1	64 LF - 24" CMCP
0010	1064+85	LT/RT	1	67 LF - 24" CMCP
		PROJECT 8610-08-73 TOTALS	2	
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS	2	

3

REMOVING CONCRETE SURFACE; REMOVING ASPHALTIC SURFACE

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	204.0105 REMOVING CONCRETE PAVEMENT BUTT JOINTS (SY)	204.0110 REMOVING ASPHALTIC SURFACE (SY)	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS (SY)	204.0120 REMOVING ASPHALTIC SURFACE MILLING (SY)	204.0109.S REMOVING CONCRETE SURFACE PARTIAL DEPTH (SF)	SPV.0180.01 REMOVING DISTRESSED PAVEMENT MILLING (SY)	NOTES
0010		938+59	-	941+34	LT/RT	170	--	--	--	6,493	--	1.5" DEPTH
0010		941+34	-	975+07	LT/RT	--	18	213	12,310	--	--	3.25" DEPTH
0010		975+07	-	982+75	LT/RT	--	153	--	2,560	--	--	4" DEPTH
0010	River/Bay					--	--	--	--	--	--	
0010	Bay/Spring					--	--	17	--	--	--	
0010	Bay/Central					--	--	17	--	--	--	
0010	Bay/Grand					--	--	17	--	--	--	
0010	Bay/Columbia					--	--	16	--	--	--	
0010	Bay/Willow					--	--	16	--	--	--	
0010	Bay/Birch					--	--	17	--	--	--	
0010	Bay/Spruce					--	--	15	--	--	--	
0010	Bay/Oak/Cedar					--	--	20	--	--	--	
0010	Cedar/Bridge					--	--	17	--	--	--	
0010	Bridge/Elm					--	--	16	--	--	--	
0010	Elm/High/Pond/Jefferson					--	--	11	--	--	--	
0020		938+59	-	941+34	LT/RT	133	--	3	--	7,067	--	1.5" DEPTH
0020		941+34	-	975+07	LT/RT	--	--	--	4,500	--	--	3.25" DEPTH
0020		975+07	-	982+75	LT/RT	--	--	--	1,000	--	--	3.25" DEPTH
0010					UNDISTRIBUTED	--	--	--	--	--	100	
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	170	172	392	14,870	6,493	100	
					CATEGORY 0020	133	0	3	5,500	7,067	0	
		PROJECT 8610-02-74 TOTALS			TOTALS	303	172	395	20,370	13,560	100	

3

REMOVING CONCRETE SURFACE; REMOVING ASPHALTIC SURFACE

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	204.0105 REMOVING CONCRETE PAVEMENT BUTT JOINTS (SY)	204.0110 REMOVING ASPHALTIC SURFACE (SY)	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS (SY)	204.0120 REMOVING ASPHALTIC SURFACE MILLING (SY)	204.0109.S REMOVING CONCRETE SURFACE PARTIAL DEPTH (SF)	SPV.0180.01 REMOVING DISTRESSED PAVEMENT MILLING (SY)	NOTES
0010		982+75	-	986+18	LT/RT	--	--	209	1,450	--	--	3.25" DEPTH
0010		987+73	-	991+00	LT/RT	--	--	209	1,380	--	--	3.25" DEPTH
0010		991+00	-	999+22	LT/RT	--	--	--	3,110	--	--	3.25" DEPTH
0010		999+22	-	1010+35	LT/RT	--	--	--	4,200	--	--	3.25" DEPTH
0010		1010+35	-	1015+35	LT/RT	--	--	--	2,150	--	--	3.25" DEPTH
0010		1015+35	-	1024+80	LT/RT	--	--	--	3,690	--	--	3.25" DEPTH
0010		1024+80	-	1028+21	LT/RT	--	--	--	1,290	--	--	3.25" DEPTH
0010		1028+21	-	1050+93	LT/RT	--	--	--	8,580	--	--	2.25" DEPTH
0010		1050+93	-	1051+98	LT/RT	--	--	--	--	--	--	
0010		1051+98	-	1064+33	LT/RT	--	--	--	4,390	--	--	2.25" DEPTH
0010		1064+33	-	1065+38	LT/RT	--	--	--	--	--	--	
0010		1065+38	-	1068+60	LT/RT	--	--	--	1,140	--	--	2.25" DEPTH
0010		1068+60	-	1073+61	LT/RT	--	--	--	2,260	--	--	2.25" DEPTH
0010		1073+61	-	1078+62	LT/RT	--	--	--	2,350	--	--	3.25" DEPTH
0010		1078+62	-	1080+00	LT/RT	--	--	178	1,270	--	--	3.25" DEPTH
0010	Elm/High/Pond/Jefferson					--	--	14	--	--	--	
0010	Bridgewater					--	--	8	376	--	--	3.25" DEPTH
0010	John					--	--	12	200	--	--	3.25" DEPTH
0010	Fair					--	--	7	100	--	--	3.25" DEPTH
0010	Irvine Park					--	--	5	100	--	--	3.25" DEPTH
0010	Edward					--	--	8	872	--	--	3.25" DEPTH
0010	1st					--	--	8	87	--	--	3.25" DEPTH
0010	2nd					--	--	8	87	--	--	3.25" DEPTH
0010	3rd					--	--	8	87	--	--	3.25" DEPTH
0010	4th					--	--	8	121	--	--	3.25" DEPTH
0010	7th					--	--	8	56	--	--	3.25" DEPTH
0010	136th					--	--	6	518	--	--	3.25" DEPTH
0010	State/140th					--	--	8	429	--	--	3.25" DEPTH
0010					UNDISTRIBUTED	--	--	--	--	--	300	
		PROJECT 8610-08-73 TOTALS			CATEGORY 0010	0	0	704	40,293	0	300	
					CATEGORY 0020	0	0	0	0	0	0	
		PROJECT 8610-08-73 TOTALS			TOTALS	0	0	704	40,293	0	300	
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS			TOTALS	303	172	1,089	60,663	13,560	400	

3

REMOVING STORM SEWER ITEMS

CATEGORY	STATION	-	STATION	LOCATION	204.0210 REMOVING MANHOLES (EACH)	204.0215 REMOVING CATCH BASINS (EACH)	204.0245 REMOVING STORM SEWER (12-INCH) (LF)
0010	938+59	-	941+34	LT/RT	--	--	--
0010	941+34	-	975+07	LT/RT	--	--	--
0010	975+07	-	982+75	LT/RT	1	2	55
	PROJECT 8610-02-74 TOTALS			CATEGORY 0010	1	2	55
				CATEGORY 0020	0	0	0
	PROJECT 8610-02-74 TOTALS			TOTALS	1	2	55
	PROJECT 8610-08-73 TOTALS			CATEGORY 0010	0	0	0
				CATEGORY 0020	0	0	0
	PROJECT 8610-08-73 TOTALS			TOTALS	0	0	0
COMBINED 8610-02-74 AND 8610-08-73 TOTALS					1	2	55

REMOVING CURB & GUTTER; REMOVING SIDEWALK

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	204.0150 REMOVING CURB & GUTTER (LF)	204.0155 REMOVING SIDEWALK (SY)
0010	River/Bay					88	87
0010	Bay/Spring					108	122
0010	Bay/Central					114	155
0010	Bay/Grand					120	173
0010	Bay/Columbia					119	156
0010	Bay/Willow					155	159
0010	Bay/Birch					128	123
0010	Bay/Spruce					169	171
0010	Bay/Oak/Cedar					198	149
0010	Cedar/Bridge					235	134
0010	Bridge/Elm					78	108
0010	Elm/High/Pond/Jefferson					88	82
0020		938+59	-	941+34	LT/RT	--	--
0020		941+34	-	975+07	LT/RT	236	44
0020		975+07	-	982+75	LT/RT	1,437	--
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	1,602	1,620
					CATEGORY 0020	1,674	44
		PROJECT 8610-02-74 TOTALS			TOTALS	3,276	1,664

REMOVING CURB & GUTTER; REMOVING SIDEWALK

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	204.0150 REMOVING CURB & GUTTER (LF)	204.0155 REMOVING SIDEWALK (SY)
0010	Elm/High/Pond/Jefferson					101	54
0010	Bridgewater					163	122
0010	John					174	108
0010	Fair					78	47
0010	Irvine Park					61	38
0010	Edward					60	46
0010	1st					67	38
0010	2nd					29	21
0010	3rd					18	9
0010	4th					--	--
0010	7th					--	--
0010	136th					--	--
0010	State/140th					--	--
0020		982+75	-	986+18	LT/RT	53	--
0020		987+73	-	991+00	LT/RT	24	30
0020		991+00	-	999+22	LT/RT	--	--
0020		999+22	-	1010+35	LT/RT	--	--
0020		1010+35	-	1015+35	LT/RT	--	--
0020		1015+35	-	1024+80	LT/RT	--	--
0020		1024+80	-	1028+21	LT/RT	--	--
0020		1028+21	-	1050+93	LT/RT	--	--
0020		1050+93	-	1051+98	LT/RT	--	--
0020		1051+98	-	1064+33	LT/RT	--	--
0020		1064+33	-	1065+38	LT/RT	--	--
0020		1065+38	-	1068+60	LT/RT	--	--
0020		1068+60	-	1073+61	LT/RT	--	--
0020		1073+61	-	1078+62	LT/RT	--	--
0020		1078+62	-	1081+55	LT/RT	--	--
				PROJECT 8610-08-73 TOTALS	CATEGORY 0010	751	483
					CATEGORY 0020	77	30
				PROJECT 8610-08-73 TOTALS	TOTALS	828	513
				COMBINED 8610-02-74 AND 8610-08-73 TOTALS		4,104	2,177

TEMPORARY LANE SHIFT DURING CULVERT WORK

CATEGORY	STATION	208.1500.S TEMPORARY LANE SHIFT DURING CUVERT WORK (EACH)
0010	1051+45	1
0010	1064+85	1
	PROJECT 8610-08-73 TOTALS	2
	COMBINED 8610-02-74 AND 8610-08-73 TOTALS	2

PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

STATION	-	STATION		211.0101 PREPARE FOUNDATION FOR ASPHALTIC PAVING (EACH)
938+64	-	982+75		1
		PROJECT 8610-02-74 TOTALS	TOTALS	1
982+75	-	1080+00		1
		PROJECT 8610-08-73 TOTALS	TOTALS	1
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS	TOTALS	2

3

EARTHWORK SUMMARY (PROJECT 8610-02-74)

Division	From/To Station	Location	205.0100 Excavation Common (1) CY		Salvaged/ Unusable Pavement Material (3)	Available Material (4)	Unexpanded Fill	Expanded Fill (5)	Mass Ordinate +/- (6)
			Cut (2)	Transition Cut				Factor 1.3	
1	938+59 - 941+34	STH 124							
	941+34 - 975+07	STH 124							
	975+07 - 982+75	STH 124	22		2	20		0	20
		River/Bay	80		18	62		0	62
		Bay/Spring	80		14	66		0	66
		Bay/Central	80		14	66		0	66
		Bay/Grand	80		14	66		0	66
		Bay/Columbia	80		14	66		0	66
		Bay/Willow	80		14	66		0	66
		Bay/Birch	80		14	66		0	66
		Bay/Spruce	80		14	66		0	66
		Bay/Oak/Cedar	80		14	66		0	66
		Cedar/Bridge	100		14	86		0	86
		Bridge/Elm	100		6	94		0	94
		Elm/High/Pond/Jefferson	40		9	31		0	40
Division 1 Subtotal			982	0	165	818	0	0	827
Grand Total			982	0	165	818	0	0	827
		Project 8610-02-74 Total Common Exc		982					

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100.
2) Salvaged/Unusable Pavement Material is included in Cut.
3) Salvaged/Unusable Pavement Material.
4) Available Material = Cut - Salvaged/Unusable Pavement Material.
5) Expanded Fill = Unexpanded Fill * Fill Factor
6) Mass Ordinate + or - Quantity Calculated for the Division. Plus Quantity indicates an excess of material. Minus indicates a shortage of material.

EARTHWORK SUMMARY (PROJECT 8610-08-73)

Division	From/To Station	Location	205.0100 Excavation Common (1) CY		Salvaged/ Unusable Pavement Material (3)	Available Material (4)	Unexpanded Fill	Expanded Fill (5)	Mass Ordinate +/- (6)
			Cut (2)	Transition Cut				Factor 1.3	
1	982+75 - 986+18	STH 124							
	987+73 - 991+00	STH 124							
	991+00 - 999+22	STH 124							
	999+22 - 1010+35	STH 124							
	1010+35 - 1015+35	STH 124							
	1015+35 - 1024+80	STH 124							
	1024+80 - 1028+21	STH 124							
	1028+21 - 1050+93	STH 124							
	1050+93 - 1051+98	STH 124	36	350		386			386
	1051+98 - 1064+33	STH 124							
	1064+33 - 1065+38	STH 124	54	326		380			380
	1065+38 - 1068+60	STH 124							
	1068+60 - 1073+61	STH 124	2			2			2
	1073+61 - 1078+62	STH 124							
	1078+62 - 1080+00	STH 124							
		Elm/High/Pond/Jefferson	40		6	34		0	34
		Bridgewater	40		6	34		0	34
		John	80		11	69		0	69
		Fair	60		8	52		0	52
		Irvine Park	60		8	52		0	52
		Edward	40		6	34		0	34
		1st	20		3	17		0	17
		2nd	20		3	17		0	17
		3rd	10		2	8		0	8
		4th							
		7th							
		136th							
		State/140th							
Division 1 Subtotal			463	677	52	1,087	0	0	1,087
Grand Total			463	677	52	1,087	0	0	1,087
		Project 8610-08-73 Total Common Exc		1,140					
		Combined 8610-02-74 and 8610-08-73 Totals		2,122					

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100.
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) Salvaged/Unusable Pavement Material.
4) Available Material = Cut - Salvaged/Unusable Pavement Material.
5) Expanded Fill = Unexpanded Fill * Fill Factor
6) Mass Ordinate + or - Quantity Calculated for the Division. Plus Quantity indicates an excess of material. Minus indicates a shortage of material.

CULVERT PIPE TRANSITION

STATION	-	STATION	LENGTH (FT)	D DEPTH (FT)	PIPE DIAMETER (IN)	T DEPTH (FT)	TRENCH WIDTH (FT)	SUBGRADE SHOULDER POINT TO SUBGRADE SHOULDER POINT AT PIPE (FT)	PAVEMENT AND BASE REMOVAL (CF)	LENGTH OF CUT (FT)	TRANSITION CUT VOLUME W/O PAVEMENT (CF)	205.01 EXCAVATION COMMON (CY)
1050+93	-	1051+98	105	2.0	19X30	3.0	5	38.6	1785	100	7672	386
1064+33	-	1065+38	105	1.8	19X30	2.7	8	39.5	1995	97	6814	380

3

BASE PATCHING CONCRETE

CATEGORY	STATION	-	STATION	LOCATION	390.0100 REMOVING PAVEMENT FOR BASE PATCHING (CY)	390.0405 BASE PATCHING CONCRETE SHES (CY)	416.0610 DRILLED TIE BARS (EA)	416.0620 DRILLED DOWEL BARS (EA)	* 690.0250 SAWING CONCRETE (LF)	NOTES
0010	938+59	-	941+34	LT/RT	40	40	60	240	600	9" DEPTH
0020	938+59	-	941+34	RT	5	5	8	32	80	9" DEPTH
			PROJECT 8610-02-74 TOTALS	CATEGORY 0010	40	40	60	240	600	
				CATEGORY 0020	5	5	8	32	80	
			PROJECT 8610-02-74 TOTALS	TOTALS	45	45	68	272	680	
			COMBINED 8610-02-74 AND 8610-08-73 TOTALS	TOTALS	45	45	68	272	680	

* BID ITEMS ELSEWHERE

BASE AGGREGATE & HMA PAVEMENT

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOUDLERS (STA)	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120 BASE AGGREGATE DENSE 1-1/4-INCH (TON)	460.6645 HMA PAVEMENT 5 MT 58-34 V (TON)	465.0105 ASPHALTIC SURFACE (TON)	465.0110 ASPHALTIC SURFACE PATCHING (TON)	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES (TON)	455.0605 TACK COAT (GAL)	624.0100 WATER (MGAL)	NOTES
0010		938+59	-	941+34	LT/RT	--	--	--	237	--	53	--	231	--	
0010		941+34	-	975+07	LT/RT	--	--	--	2,520	--	--	--	1,575	--	
0010		975+07	-	982+75	LT/RT	--	--	--	630	--	--	--	326	--	
0010	River/Bay					--	--	16	--	--	--	--	--	--	
0010	Bay/Spring					--	--	22	--	--	--	--	--	0.4	
0010	Bay/Central					--	--	25	--	--	--	--	--	0.4	
0010	Bay/Grand					--	--	27	--	--	--	--	--	0.5	
0010	Bay/Columbia					--	--	24	--	--	--	--	--	0.4	
0010	Bay/Willow					--	--	28	--	--	--	--	--	0.5	
0010	Bay/Birch					--	--	22	--	--	--	--	--	0.4	
0010	Bay/Spruce					--	--	28	--	--	--	--	--	0.5	
0010	Bay/Oak/Cedar					--	--	26	--	--	--	--	--	0.4	
0010	Cedar/Bridge					--	--	24	--	--	--	--	--	0.4	
0010	Bridge/Elm					--	--	20	--	--	--	--	--	0.4	
0010	Elm/High/Pond/Jefferson					--	--	15	--	--	--	--	--	0.3	
0020		938+59	-	941+34	LT/RT	--	--	--	59	--	--	--	53	--	
0020		941+34	-	975+07	LT/RT	--	--	6	903	--	--	--	567	0.1	
0020		975+07	-	982+75	LT/RT	--	--	17	247	--	--	--	126	0.3	
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	0	0	277	3,387	0	53	0	2,132	4.6	
					CATEGORY 0020	0	0	23	1,209	0	0	0	746	0.4	
		PROJECT 8610-02-74 TOTALS			TOTALS	0	0	300	4,596	0	53	0	2,878	5.0	

BASE AGGREGATE & HMA PAVEMENT

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS (STA)	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120 BASE AGGREGATE DENSE 1-1/4-INCH (TON)	460.6645 HMA PAVEMENT 5 MT 58-34 V (TON)	465.0105 ASPHALTIC SURFACE (TON)	465.0110 ASPHALTIC SURFACE PATCHING (TON)	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES (TON)	455.0605 TACK COAT (GAL)	624.0100 WATER (MGAL)	NOTES
0010		982+75	-	986+18	LT/RT	--	--	--	294	--	13	--	179	--	
0010		987+73	-	991+00	LT/RT	--	--	--	273	--	13	--	179	--	
0010		991+00	-	999+22	LT/RT	--	--	--	620	--	14	--	389	--	
0010		999+22	-	1010+35	LT/RT	--	--	--	840	--	13	--	525	--	
0010		1010+35	-	1015+35	LT/RT	--	--	--	431	--	13	--	273	--	
0010		1015+35	-	1024+80	LT/RT	--	--	--	894	--	14	--	462	--	
0010		1024+80	-	1028+21	LT/RT	--	--	--	252	--	13	--	158	--	
0010		1028+21	-	1050+93	LT/RT	22	318	39	1,722	--	13	89	1,082	4.9	
0010		1050+93	-	1051+98	LT/RT	1	63	578	137	133	14	--	42	10.1	CULVERT REPLACEMENT
0010		1051+98	-	1064+33	LT/RT	13	42	272	882	--	13	--	557	0.7	
0010		1064+33	-	1065+38	LT/RT	1	63	578	137	135	13	--	42	10.1	CULVERT REPLACEMENT
0010		1065+38	-	1068+60	LT/RT	3	11	--	231	--	14	--	147	0.2	
0010		1068+60	-	1073+61	LT/RT	5	21	--	452	--	13	--	284	0.4	
0010		1073+61	-	1078+62	LT/RT	5	11	--	473	--	13	--	294	0.2	
0010		1078+62	-	1080+00	LT/RT	--	--	--	116	--	14	--	158	--	
0010	Elm/High/Pond/Jefferson					--	--	11	--	--	--	--	--	0.2	
0010	Bridgewater					--	--	23	21	--	--	--	16	0.4	
0010	John					--	--	21	42	--	--	--	32	0.4	
0010	Fair					--	--	10	21	--	--	--	16	0.2	
0010	Irvine Park					--	--	8	21	--	--	--	16	0.2	
0010	Edward					--	--	8	21	--	--	--	16	0.2	
0010	1st					--	--	5	21	--	--	--	16	0.1	
0010	2nd					--	--	4	21	--	--	--	16	0.1	
0010	3rd					--	--	2	21	--	--	--	16	0.1	
0010	4th					--	--	--	21	--	--	--	16	--	
0010	7th					--	--	--	21	--	--	--	16	--	
0010	136th					--	--	--	42	--	--	--	32	--	
0010	State/140th					--	--	--	21	--	--	--	16	--	
0020		982+75	-	986+18	LT/RT	--	--	2	3	--	--	--	0.3	0.1	
0020		987+73	-	991+00	LT/RT	--	--	2	3	--	--	--	0.3	0.1	
0020		991+00	-	999+22	LT/RT	--	--	--	--	--	--	--	--	--	
0020		999+22	-	1010+35	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1010+35	-	1015+35	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1015+35	-	1024+80	LT/RT	--	--	2	3	--	--	--	0.4	0.1	
0020		1024+80	-	1028+21	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1028+21	-	1050+93	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1050+93	-	1051+98	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1051+98	-	1064+33	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1064+33	-	1065+38	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1065+38	-	1068+60	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1068+60	-	1073+61	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1073+61	-	1078+62	LT/RT	--	--	--	--	--	--	--	--	--	
0020		1078+62	-	1080+00	LT/RT	--	--	--	--	--	--	--	--	--	
	PROJECT 8610-08-73 TOTALS				CATEGORY 0010	50	529	1,559	8,048	268	200	89	4,995	29.0	
					CATEGORY 0020	0	0	6	9	0	0	0	1	0.3	
	PROJECT 8610-08-73 TOTALS				TOTALS	50	529	1,565	8,057	268	200	89	4,996	29.3	
	COMBINED 8610-02-74 AND 8610-08-73 TOTALS					50	529	1,865	12,653	268	253	89	7,874	34.3	

3

HMA PAVEMENT SPECIALS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	460.0105.S TEST STRIP VOLUMETRICS (EACH)	460.9000.S MATERIAL TRANSFER MATERIAL (EACH)	NOTES
0010		PROJECT LIMITS			TEST STRIP	1		ONE PER HMA MIX TYPE
		PROJECT LIMITS					1	
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	1	1	
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS				1	1	

3

3

8610-02-74 PWL MIXTURE USE TABLE

LOCATION	STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED FOR:	
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
12 FOOT DRIVING LANE	938+63 - 941+34	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	61	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
12 FOOT DRIVING LANE	938+63 - 941+34	LOWER LAYER	EXISTING MILLED CONCRETE SURFACE	5 MT 58-34V	40	1.0"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
SHOULDERS	938+63 - 941+34	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	108	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
SHOULDERS	938+63 - 941+34	LOWER LAYER	EXISTING MILLED CONCRETE SURFACE	5 MT 58-34V	72	1.0"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
12 FOOT DRIVING LANE	941+34 - 975+07	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	756	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
12 FOOT DRIVING LANE	941+34 - 975+07	LOWER LAYER	EXISTING MILLED SURFACE	5 MT 58-34V	881	1.75"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
SHOULDERS	941+34 - 975+07	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	743	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
SHOULDERS	941+34 - 975+07	LOWER LAYER	EXISTING MILLED SURFACE / BASE AGGREGATE	5 MT 58-34V	872	1.75"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
CURB FILL	973+40 - 975+07	MIDDLE LAYER	5 MT 58-34V	5 MT 58-34V	4	2.0"	QMP AS PER SS 465	ACCEPTANCE TESTING BY ORDINARY COMPACTION
CURB FILL	973+40 - 975+07	LOWER LAYER	BASE AGGREGATE	5 MT 58-34V	6	3.0"	QMP AS PER SS 465	ACCEPTANCE TESTING BY ORDINARY COMPACTION
12 FOOT DRIVING LANE	975+07 - 982+75	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	172	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
12 FOOT DRIVING LANE	975+07 - 982+75	LOWER LAYER	EXISTING BASE AGGREGATE	5 MT 58-34V	287	2.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
SHOULDERS	975+07 - 982+75	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	196	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
SHOULDERS	975+07 - 982+75	LOWER LAYER	EXISTING BASE AGGREGATE	5 MT 58-34V	180	2.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
UNDISTRIBUTED	938+59 - 982+75	UPPER LAYER	4 MT 58-34V	5 MT 58-34V	107	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
UNDISTRIBUTED	938+59 - 982+75	LOWER LAYER	EXISTING MILLED SURFACE / EXISTING SURFACE	5 MT 58-34V	111	2.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
WEDGING / LOWER LAYER PAVEMENT REPAIR, POT HOLES	938+59 - 982+75	LOWER LAYER	EXISTING MILLED SURFACE / EXISTING SURFACE	ASPHALTI C SURFACE / ASPHALTIC SURFACE PATCHING	53	VARIES	QMP AS PER SS 465	ACCEPTANCE TESTING BY ORDINARY COMPACTION

3

3

8610-08-73 PWL MIXTURE USE TABLE

LOCATION	STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED FOR:	
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
12 FOOT DRIVING LANE	982+75 - 1080+00	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	2,178	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
12 FOOT DRIVING LANE	982+75 - 1080+00	LOWER LAYER	EXISTING MILLED SURFACE	5 MT 58-34V	2,541	1.75"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	INCENTIVE DENSITY PWL HMA PAVEMENT SPV.0055.01
CULVERT REPLACEMENT	1050+93 - 1051+98, 1064+33 - 1065+38	UPPER LAYER	ASPHALTIC SURFACE	ASPHALTIC SURFACE	127	3"	QMP AS PER SS 465	ACCEPTANCE TESTING BY ORDINARY COMPACTION
CULVERT REPLACEMENT	1050+93 - 1051+98, 1064+33 - 1065+38	LOWER LAYER	BASE AGGREGATE	ASPHALTIC SURFACE	127	3"	QMP AS PER SS 465	ACCEPTANCE TESTING BY ORDINARY COMPACTION
SHOULDERS	982+75 - 1080+00	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	1,115	1.5"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
SHOULDERS	982+75 - 1080+00	LOWER LAYER	EXISTING MILLED SURFACE / BASE AGGREGATE	5 MT 58-34V	1,412	1.75"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVEWAYS	982+72 - 1080+00	UPPER LAYER	BASE AGGREGATE	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	88	3.25"	QMP AS PER SS 465	ACCEPTANCE TESTING BY ORDINARY COMPACTION
SIDE ROADS / INTERSECTIONS	982+75 - 1080+00	UPPER LAYER	EXISTING MILLED SURFACE	5 MT 58-34V	286	3.25"	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
UNDISTRIBUTED	982+75 - 1080+00	UPPER LAYER	5 MT 58-34V	5 MT 58-34V	179	VARIES	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY ORDINARY COMPACTION
UNDISTRIBUTED	982+75 - 1080+00	LOWER LAYER	EXISTING MILLED SURFACE	5 MT 58-34V	198	VARIES	INCENTIVE AIR VOIDS HMA PAVEMENT SPV.0055.02	ACCEPTANCE TESTING BY ORDINARY COMPACTION
WEDGING / LOWER LAYER PAVEMENT REPAIR, POT HOLES	982+75 - 1080+00	LOWER LAYER	EXISTING MILLED SURFACE / EXISTING SURFACE	ASPHALTI C SURFACE / ASPHALTIC SURFACE PATCHING	200	VARIES	QMP AS PER SS 465	ACCEPTANCE TESTING BY ORDINARY COMPACTION

3

DRAINAGE ITEMS

STATION	SIDE	520.8700 CLEANING CULVERT PIPES (EACH)	522.2319 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 19X30-INCH (LF)	522.2619 APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH (EACH)
1051+45	LT/RT	--	58	2
1064+86	LT/RT	--	120	4
1070+18	LT/RT	1	--	--
PROJECT 8610-08-73 TOTALS		1	178	6
COMBINED 8610-02-74 AND 8610-08-73 TOTALS		1	178	6

NOTE: SEE PLAN SHEETS FOR PIPE INVERTS

RIPRAP AND GEOTEXTILE FABRIC

STATION	SIDE	606.0200 RIPRAP MEDIUM (CY)	645.0120 GEOTEXTILE TYPE HR (SY)
1064+86	LT	6	13
PROJECT 8610-08-73 TOTALS		6	13
COMBINED 8610-02-74 AND 8610-08-73 TOTALS		6	13

LANDMARK REFERENCE MONUMENTS

ROADWAY	STATION	OFFSET	621.0100 LANDMARK REFERENCE MONUMENTS (EACH)	NOTES
STH 124	1078+81.50	0.475 LT	1	COMMON QUARTER CORNER TO SECTIONS 29, 30, T-27-N, R-13-W
PROJECT 8610-08-73 TOTALS			1	
COMBINED 8610-02-74 AND 8610-08-73 TOTALS			1	

3

CONCRETE ITEMS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D (LF)	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A (LF)	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D (LF)	601.0600 CONCRETE CURB PEDESTRIAN (LF)	602.0410 CONCRETE SIDEWALK 5-INCH (SF)	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW (SF)	602.0815 CONCRETE DRIVEWAY 7-INCH (SY)	602.0870 CONCRETE DRIVEWAY HES 8-INCH (SY)	650.9000 CONSTRUCTION STAKING CURB RAMPS (EACH)	650.9500.01 CONSTRUCTION STAKING SIDEWALK 8610-02-74 (EACH)
0010	River/Bay					--	90	--	--	809	40	--	--	3	--
0010	Bay/Spring					--	--	120	12	1,117	50	--	--	4	--
0010	Bay/Central					--	--	128	139	1,285	80	--	--	4	--
0010	Bay/Grand					--	--	135	116	1,340	80	--	--	4	--
0010	Bay/Columbia					--	--	132	154	1,209	70	--	--	4	--
0010	Bay/Willow					--	--	170	133	1,435	80	--	--	4	--
0010	Bay/Birch					--	--	142	114	1,093	80	--	--	4	--
0010	Bay/Spruce					--	--	182	54	1,427	80	--	--	6	--
0010	Bay/Oak/Cedar					--	--	219	113	1,327	104	--	--	6	--
0010	Cedar/Bridge					88	--	159	132	1,194	140	--	--	7	--
0010	Bridge/Elm					--	--	152	34	1,015	66	--	--	4	--
0010	Elm/High/Pond/Jefferson					--	--	134	63	737	52	--	--	3	--
0020		938+59	-	941+34	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		941+34	-	975+07	LT/RT	--	--	366	--	--	--	--	44	--	--
0020		975+07	-	982+75	LT/RT	--	--	1,343	--	--	--	108	--	--	--
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	88	90	1,673	1,064	13,988	922	0	0	53	--
					CATEGORY 0020	0	0	1,709	0	0	0	108	44	0	--
		PROJECT 8610-02-74 TOTALS			TOTALS	88	90	3,382	1,064	13,988	922	108	44	53	1

CONCRETE ITEMS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D (LF)	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A (LF)	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D (LF)	601.0600 CONCRETE CURB PEDESTRIAN (LF)	602.0410 CONCRETE SIDEWALK 5-INCH (SF)	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW (SF)	602.0815 CONCRETE DRIVEWAY 7-INCH (SY)	605.0870 CONCRETE DRIVEWAY HES 8-INCH (SY)	650.9000 CONSTRUCTION STAKING CURB RAMPS (EACH)	650.9500.02 CONSTRUCTION STAKING SIDEWALK 8610-08-73 (EACH)
0010	Elm/High/Pond/Jefferson					--	--	111	13	520	50	--	--	3	--
0010	Bridgewater					--	--	166	20	1,178	40	--	--	4	--
0010	John					--	--	187	32	1,058	80	--	--	8	--
0010	Fair					--	--	81	--	470	30	--	--	3	--
0010	Irvine Park					--	--	65	26	367	24	--	--	2	--
0010	Edward					--	--	65	31	386	20	--	--	2	--
0010	1st					--	--	60	--	256	32	--	--	2	--
0010	2nd					--	--	26	--	202	20	--	--	2	--
0010	3rd					--	--	19	--	90	10	--	--	1	--
0010	4th					--	--	--	--	--	--	--	--	--	--
0010	7th					--	--	--	--	--	--	--	--	--	--
0010	136th					--	--	--	--	--	--	--	--	--	--
0010	State/140th					--	--	--	--	--	--	--	--	--	--
0020		982+75	-	986+18	LT/RT	--	--	53	--	--	--	--	--	--	--
0020		987+73	-	991+00	LT/RT	--	--	25	--	--	--	--	--	--	--
0020		991+00	-	999+22	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		999+22	-	1010+35	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1010+35	-	1015+35	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1015+35	-	1024+80	LT/RT	--	--	34	--	--	--	--	--	--	--
0020		1024+80	-	1028+21	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1028+21	-	1050+93	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1050+93	-	1051+98	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1051+98	-	1064+33	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1064+33	-	1065+38	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1065+38	-	1068+60	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1068+60	-	1073+61	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1073+61	-	1078+62	LT/RT	--	--	--	--	--	--	--	--	--	--
0020		1078+62	-	1080+00	LT/RT	--	--	--	--	--	--	--	--	--	--
		PROJECT 8610-08-73 TOTALS			CATEGORY 0010	0	0	780	122	4,527	306	0	0	27	--
					CATEGORY 0020	0	0	112	0	0	0	0	0	0	--
		PROJECT 8610-08-73 TOTALS			TOTALS	0	0	892	122	4,527	306	0	0	27	1
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS				88	90	4,274	1,186	18,515	1,228	108	44	80	

3

STORM SEWER ITEMS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH (LF)	611.0624 INLET COVER TYPE H (EACH)	611.3230 INLETS 2X3-FT (EACH)	611.8110 ADJUSTING MANHOLE COVERS (EACH)	611.8115 ADJUSTING INLET COVERS (EACH)	650.4000 CONSTRUCTION STAKING STORM SEWER (EACH)
0010		938+59	-	941+34	LT/RT	--	--	--	--	--	--
0010		941+34	-	975+07	LT/RT	--	--	--	11	--	--
0010		975+07	-	982+75	LT/RT	49	2	2	--	--	2
0010	River/Bay					--	--	--	4	--	--
0010	Bay/Spring					--	--	--	2	3	--
0010	Bay/Central					--	--	--	4	5	--
0010	Bay/Grand					--	--	--	3	4	--
0010	Bay/Columbia					--	--	--	3	3	--
0010	Bay/Willow					--	--	--	4	4	--
0010	Bay/Birch					--	--	--	2	6	--
0010	Bay/Spruce					--	--	--	3	4	--
0010	Bay/Oak/Cedar					--	--	--	2	3	--
0010	Cedar/Bridge					--	--	--	3	4	--
0010	Bridge/Elm					--	--	--	2	3	--
0010	Elm/High/Pond/Jefferson					--	--	--	1	--	--
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	49	2	2	44	39	2
					CATEGORY 0020	0	0	0	0	0	0
		PROJECT 8610-02-74 TOTALS			TOTALS	49	2	2	44	39	2

3

STORM SEWER ITEMS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12- INCH (LF)	611.0624 INLET COVER TYPE H (EACH)	611.3230 INLETS 2X3-FT (EACH)	611.8110 ADJUSTING MANHOLE COVERS (EACH)	611.8115 ADJUSTING INLET COVERS (EACH)	650.4000 CONSTRUCTION STAKING STORM SEWER (EACH)
0010		982+75	-	986+18	LT/RT	--	--	--	--	--	--
0010		987+73	-	991+00	LT/RT	--	--	--	--	--	--
0010		991+00	-	999+22	LT/RT	--	--	--	--	--	--
0010		999+22	-	1010+35	LT/RT	--	--	--	3	--	--
0010		1010+35	-	1015+35	LT/RT	--	--	--	--	--	--
0010		1015+35	-	1024+80	LT/RT	--	--	--	1	--	--
0010		1024+80	-	1028+21	LT/RT	--	--	--	1	--	--
0010		1028+21	-	1050+93	LT/RT	--	--	--	--	--	--
0010		1050+93	-	1051+98	LT/RT	--	--	--	--	--	--
0010		1051+98	-	1064+33	LT/RT	--	--	--	--	--	--
0010		1064+33	-	1065+38	LT/RT	--	--	--	--	--	--
0010		1065+38	-	1068+60	LT/RT	--	--	--	--	--	--
0010		1068+60	-	1073+61	LT/RT	--	--	--	--	--	--
0010		1073+61	-	1078+62	LT/RT	--	--	--	--	--	--
0010		1078+62	-	1080+00	LT/RT	--	--	--	--	--	--
0010	Elm/High/Pond/Jefferson					--	--	--	--	--	--
0010	Bridgewater					--	--	--	1	--	--
0010	John					--	--	--	3	3	--
0010	Fair					--	--	--	2	--	--
0010	Irvine Park					--	--	--	2	--	--
0010	Edward					--	--	--	1	--	--
0010	1st					--	--	--	3	--	--
0010	2nd					--	--	--	2	--	--
0010	3rd					--	--	--	2	--	--
0010	4th					--	--	--	1	--	--
0010	7th					--	--	--	1	--	--
0010	136th					--	--	--	--	--	--
0010	State/140th					--	--	--	--	--	--
		PROJECT 8610-08-73 TOTALS			CATEGORY 0010	0	0	0	23	3	0
					CATEGORY 0020	0	0	0	0	0	0
		PROJECT 8610-08-73 TOTALS			TOTALS	0	0	0	23	3	0
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS				49	2	2	67	42	2

SALVAGED TOPSOIL, FERTILIZER, SEEDING, & TEMPORARY SEEDING

CATEGORY	CROSSROAD	STATION - STATION	LOCATION	625.0100 TOPSOIL (SY)	625.0500 SALVAGED TOPSOIL (SY)	629.0205 FERTILIZER TYPE A (CWT)	630.0120 SEEDING MIXTURE NO. 20 (LB)	630.0160 SEEDING MIXTURE NO. 60 (LB)	630.0200 SEEDING TEMPORARY (LB)	630.0500 SEED WATER (MGAL)	631.0300 SOD WATER (MGAL)	631.1000 SOD LAWN (SY)	SPV.0180.02 PREPARE TOPSOIL FOR LAWN TYPE TURF CONTROL (SY)
0010	River/Bay			--	--	--	--	--	--	--	--	--	--
0010	Bay/Spring			--	--	--	--	--	--	--	--	--	--
0010	Bay/Central			--	--	--	--	--	--	--	--	--	--
0010	Bay/Grand			--	--	--	--	--	--	--	--	--	--
0010	Bay/Columbia			20	--	0.1	--	0.2	0.4	0.4	0.4	20	20
0010	Bay/Willow			10	--	0.1	--	0.2	0.3	0.3	0.3	10	10
0010	Bay/Birch			20	--	0.1	--	0.2	0.5	0.4	0.4	20	20
0010	Bay/Spruce			70	--	0.4	--	0.9	1.8	1.5	1.5	70	70
0010	Bay/Oak/Cedar			30	--	0.2	--	0.5	0.9	0.7	0.7	30	30
0010	Cedar/Bridge			--	--	--	--	--	--	--	--	--	--
0010	Bridge/Elm			50	--	0.3	--	0.6	1.2	1.0	0.1	50	50
0010	Elm/High/Pond/Jefferson			--	--	--	--	--	--	--	--	--	--
0010			UNDISTRIBUTED	30	0	0.2	0.0	0.4	1.1	0.6	0.5	30	30
		PROJECT 8610-02-74 TOTALS	CATEGORY 0010	230	0	1.4	0.0	2.9	7.0	4.9	3.8	230	230
			CATEGORY 0020	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0
		PROJECT 8610-02-74 TOTALS	TOTALS	230	0	1.4	0.0	2.9	7.0	4.9	3.8	230	230

CATEGORY	CROSSROAD	STATION - STATION	LOCATION	(SY)	(SY)	(CWT)	(LB)	(LB)	(LB)	(MGAL)	(MGAL)	(SY)	(SY)
0010		982+75 - 986+18	LT/RT	10	--	0.1	--	0.2	0.4	0.3	0.4	20	20
0010		987+73 - 991+00	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		991+00 - 999+22	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		999+22 - 1010+35	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		1010+35 - 1015+35	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		1015+35 - 1024+80	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		1024+80 - 1028+21	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		1028+21 - 1050+93	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		1050+93 - 1051+98	LT/RT	--	270	0.2	12.0	--	12.0	6	--	--	--
0010		1051+98 - 1064+33	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		1064+33 - 1065+38	LT/RT	--	220	0.1	10.0	--	10.0	5	--	--	--
0010		1065+38 - 1068+60	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		1068+60 - 1073+61	LT/RT	--	520	0.3	24.0	--	24.0	12	--	--	--
0010		1073+61 - 1078+62	LT/RT	--	--	--	--	--	--	--	--	--	--
0010		1078+62 - 1080+00	LT/RT	--	--	--	--	--	--	--	--	--	--
0010	Elm/High/Pond/Jefferson			30	--	0.2	--	0.3	0.7	0.6	0.4	30	30
0010	Bridgewater			20	--	0.1	--	0.2	0.4	0.3	0.4	20	20
0010	John			10	--	0.1	--	0.2	0.3	0.3	0.4	10	10
0010	Fair			10	--	0.0	--	0.1	0.2	0.2	0.4	10	10
0010	Irvine Park			20	--	0.1	--	0.3	0.6	0.5	0.4	20	20
0010	Edward			--	--	--	--	--	--	--	--	--	--
0010	1st			--	--	--	--	--	--	--	--	--	--
0010	2nd			20	--	0.1	--	0.2	0.5	0.4	0.4	20	20
0010	3rd			10	--	0.1	--	0.2	0.3	0.3	0.4	10	10
0010	4th			--	--	--	--	--	--	--	--	--	--
0010	7th			--	--	--	--	--	--	--	--	--	--
0010	136th			--	--	--	--	--	--	--	--	--	--
0010	State/140th			--	--	--	--	--	--	--	--	--	--
0010			UNDISTRIBUTED	20	152	0.2	7.0	0.3	7.4	3.9	0.4	21	21
		PROJECT 8610-08-73 TOTALS	CATEGORY 0010	150	1,162	1.6	53.0	2.0	57.0	29.7	3.3	161	161
			CATEGORY 0020	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0
		PROJECT 8610-08-73 TOTALS	TOTALS	150	1,162	1.6	53.0	2.0	57.0	29.7	3.3	161	161
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS		380	1,162	3.0	53.0	4.9	64.0	34.6	7.1	391	391

3

EROSION CONTROL ITEMS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	628.2023 EROSION MAT CLASS II TYPE B (SY)	628.7005 INLET PROTECTION TYPE A (EACH)	628.7015 INLET PROTECTION TYPE C (EACH)	628.7555 CULVERT PIPE CHECKS (EACH)	628.1905 MOBILIZATIONS EROSION CONTROL (EACH)	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL (EACH)
0010		938+59	-	941+34	LT/RT	--	--	--	--	--	--
0010		941+34	-	975+07	LT/RT	--	--	--	--	--	--
0010		975+07	-	982+75	LT/RT	--	2	2	--	3	--
0010	River/Bay					--	--	3	--	1	--
0010	Bay/Spring					--	--	5	--	1	--
0010	Bay/Central					--	--	5	--	1	--
0010	Bay/Grand					--	--	4	--	1	--
0010	Bay/Columbia					--	--	4	--	1	--
0010	Bay/Willow					--	--	3	--	1	--
0010	Bay/Birch					--	--	6	--	1	--
0010	Bay/Spruce					--	--	6	--	1	--
0010	Bay/Oak/Cedar					--	--	3	--	1	--
0010	Cedar/Bridge					--	--	5	--	1	--
0010	Bridge/Elm					--	--	3	--	1	--
0010	Elm/High/Pond/Jefferson					--	--	3	--	1	--
					UNDISTRIBUTED	0	0	8	0	6	6
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	0	2	60	0	21	6
					CATEGORY 0020	0	0	0	0	0	0
		PROJECT 8610-02-74 TOTALS			TOTALS	0	2	60	0	21	6

3

EROSION CONTROL ITEMS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	628.2023 EROSION MAT CLASS II TYPE B (SY)	628.7005 INLET PROTECTION TYPE A (EACH)	628.7015 INLET PROTECTION TYPE C (EACH)	628.7555 CULVERT PIPE CHECKS (EACH)	628.1905 MOBILIZATIONS EROSION CONTROL (EACH)	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL (EACH)
0010		982+75	-	986+18	LT/RT	--	--	--	--	--	--
0010		987+73	-	991+00	LT/RT	--	--	--	--	--	--
0010		991+00	-	999+22	LT/RT	--	--	--	--	--	--
0010		999+22	-	1010+35	LT/RT	--	--	--	--	--	--
0010		1010+35	-	1015+35	LT/RT	--	--	--	--	--	--
0010		1015+35	-	1024+80	LT/RT	--	--	--	--	--	--
0010		1024+80	-	1028+21	LT/RT	--	--	--	--	--	--
0010		1028+21	-	1050+93	LT/RT	--	--	--	--	--	--
0010		1050+93	-	1051+98	LT/RT	269	--	--	5	3	--
0010		1051+98	-	1064+33	LT/RT	--	--	--	--	--	--
0010		1064+33	-	1065+38	LT/RT	220	--	--	10	3	--
0010		1065+38	-	1068+60	LT/RT	--	--	--	--	--	--
0010		1068+60	-	1073+61	LT/RT	649	--	--	5	3	--
0010		1073+61	-	1078+62	LT/RT	--	--	--	--	--	--
0010		1078+62	-	1080+00	LT/RT	--	--	--	--	--	--
0010	Elm/High/Pond/Jefferson					--	--	--	2	--	--
0010	Bridgewater					--	--	--	5	--	1
0010	John					--	--	--	3	--	1
0010	Fair					--	--	--	2	--	1
0010	Irvine Park					--	--	--	2	--	1
0010	Edward					--	--	--	3	--	1
0010	1st					--	--	--	5	--	1
0010	2nd					--	--	--	4	--	1
0010	3rd					--	--	--	4	--	1
0010	4th					--	--	--	--	--	--
0010	7th					--	--	--	--	--	--
0010	136th					--	--	--	--	--	--
0010	State/140th					--	--	--	--	--	--
					UNDISTRIBUTED	171	0	5	3	5	6
				PROJECT 8610-08-73 TOTALS	CATEGORY 0010	1,309	0	35	23	22	6
					CATEGORY 0020	0	0	0	0	0	0
				PROJECT 8610-08-73 TOTALS	TOTALS	1,309	0	35	23	22	6
				COMBINED 8610-02-74 AND 8610-08-73 TOTALS		1,309	2	95	23	43	12

3

MARKERS CULVERT ENDS

CATEGORY	STATION	633.5200 MARKERS CULVERT END (EACH)
0010	1051+45	2
0010	1064+88	4
0010	1070+18	2
	PROJECT 8610-08-73 TOTALS	8
	COMBINED 8610-02-74 AND 8610-08-73 TOTALS	8

TRAFFIC CONTROL - DRUMS, BARRICADES, WARNING LIGHTS, AND SIGNS

ROADWAY	DAYS IN SERVICE	* 643.0300 TRAFFIC CONTROL DRUMS NO.	(DAYS)	* 643.0900 TRAFFIC CONTROL SIGNS NO.	(DAYS)	643.1050 TRAFFIC CONTROL SIGNS PCMS NO.	(DAYS)	COMMENTS
STH 124	167	205	34,235	84	14,028	2	14	ADVANCE WARNING MAINLINE & SIDE ROADS PCMS MESSAGE: ROAD WORK BEGINS XXDAY X/X/XX
CULVERT REPLACEMENTS	4	50	200	8	32	0	0	
PROJECT 8610-02-74 TOTALS			34,435		14,060		14	
COMBINED 8610-02-74 AND 8610-08-73 TOTALS			34,435		14,060		14	

* BID ITEMS ELSEWHERE

3

TEMPORARY PEDESTRIAN ACCOMODATIONS

CATEGORY	CROSSROAD	STAGE DAYS	* 643.0300 TRAFFIC CONTROL DRUMS (NO.)	(DAYS)	* 643.0900 TRAFFIC CONTROL SIGNS (NO.)	(DAYS)	643.3350 TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (LF)	644.1430 TEMPORARY PEDESTRIAN SURFACE PLATE (SF)	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING (SF)	644.1601 TEMPORARY PEDESTRIAN CURB RAMP (NO.)	(DAYS)	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD (SF)	644.1810 TEMPORARY PEDESTRIAN BARRICADE (LF)	NOTES
0010	River/Bay	28	96	2,688	43	1204	378	--	--	12	336	120	640	3 STAGES
0010	Bay/Spring	35	147	5,145	56	1960	368	--	--	16	560	128	786	4 STAGES
0010	Bay/Central	35	147	5,145	56	1960	368	--	--	16	560	128	786	4 STAGES
0010	Bay/Grand	34	147	4,998	56	1904	368	--	--	16	544	128	786	4 STAGES
0010	Bay/Columbia	34	147	4,998	56	1904	380	--	196	16	544	128	615	4 STAGES
0010	Bay/Willow	34	147	4,998	55	1870	384	--	216	16	544	128	745	4 STAGES
0010	Bay/Birch	35	147	5,145	54	1890	384	--	336	16	560	128	720	4 STAGES
0010	Bay/Spruce	35	147	5,145	54	1890	384	--	336	16	560	128	720	4 STAGES
0010	Bay/Oak/Cedar	41	154	6,314	77	3157	456	--	344	17	697	144	681	5 STAGES
0010	Cedar/Bridge	35	147	5,145	58	2030	384	--	384	16	560	128	691	4 STAGES
0010	Bridge/Elm	35	147	5,145	54	1890	384	--	336	16	560	128	720	4 STAGES
0010	Elm/High/Pond/Jefferson	40	177	7,080	81	3240	509	--	330	18	720	176	833	5 STAGES
		UNDISTRIBUTED		12,389		4,980	953	0	502		1,349	319	2,277	
	8610-02-74	CATEGORY 0010		74,335		29,879	5,700	0	2,980		8,094	1,911	11,000	
		CATEGORY 0020		0		0	0	0	0		0	0	0	
	8610-02-74	TOTALS		74,335		29,879	5,700	0	2,980		8,094	1,911	11,000	

* BID ITEMS ELSEWHERE

TEMPORARY PEDESTRIAN ACCOMODATIONS

CATEGORY	CROSSROAD	STAGE DAYS	* 643.0300 TRAFFIC CONTROL DRUMS (NO.)	(DAYS)	* 643.0900 TRAFFIC CONTROL SIGNS (NO.)	(DAYS)	643.3350 TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (LF)	644.1430 TEMPORARY PEDESTRIAN SURFACE PLATE (SF)	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING (SF)	644.1601 TEMPORARY PEDESTRIAN CURB RAMP (NO.)	(DAYS)	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD (SF)	644.1810 TEMPORARY PEDESTRIAN BARRICADE (LF)	NOTES
0010	Bridgewater	20	98	1,960	41	820	280	--	184	12	240	192	406	3 STAGES
0010	John	14	73	1,022	21	294	192	--	53	8	112	128	228	2 STAGES
0010	Fair	20	63	1,260	13	260	98	--	30	4	80	48	209	2 STAGES
0010	Irvine Park	20	50	1,000	30	600	155	84	26	4	80	16	426	2 STAGES
0010	Edward	10	52	520	8	80	68	38	--	2	20	32	243	1 STAGE
0010	1st	10	31	310	7	70	72	61	31	2	20	32	281	1 STAGE
0010	2nd	10	31	310	6	60	48	42	63	2	20	32	222	1 STAGE
0010	3rd	10	21	210	3	30	--	17	26	1	10	--	70	1 STAGE
		UNDISTRIBUTED		1,319		443	187	49	87		117	100	415	
	8610-08-73	CATEGORY 0010		7,911		2,657	1,100	291	500		699	580	2,500	
		CATEGORY 0020		0		0	0	0	0		0	0	0	
	8610-08-73	TOTALS		7,911		2,657	1,100	291	500		699	580	2,500	
COMBINED 8610-02-74 AND 8610-08-73 TOTALS				82,245		32,536	6,800	291	3,480		8,793	2,491	13,500	

* BID ITEMS ELSEWHERE

PAVEMENT MARKING

CATEGORY	CROSSROAD	STATION	-	STATION	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH YELLOW (LF)	WHITE (LF)	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH WHITE (LF)	646.4720 MARKING LINE SAME DAY EPOXY 6-INCH YELLOW (LF)	646.5020 MARKING ARROW EPOXY (EACH)	646.5120 MARKING WORD EPOXY (EACH)	646.5220 MARKING SYMBOL EPOXY (EACH)	646.6120 MARKING STOP LINE EPOXY 18-INCH WHITE (LF)
0010		938+59	-	941+34	312	--	--	312	--	--	--	16
0010		941+34	-	975+07	540	1,067	141	540	6	2	--	190
0010		975+07	-	982+75	1,320	--	--	1,320	--	--	--	92
0010	River/Bay				--	--	--	--	--	--	--	--
0010	Bay/Spring				--	--	--	--	--	--	--	38
0010	Bay/Central				--	--	--	--	--	--	--	38
0010	Bay/Grand				--	--	--	--	--	--	--	38
0010	Bay/Columbia				--	--	--	--	--	--	--	36
0010	Bay/Willow				--	--	--	--	--	--	--	36
0010	Bay/Birch				--	--	--	--	--	--	--	37
0010	Bay/Spruce				--	--	--	--	--	--	--	17
0010	Bay/Oak/Cedar				--	--	--	--	--	--	--	44
0010	Cedar/Bridge				--	--	--	--	--	--	--	19
0010	Bridge/Elm				--	--	--	--	--	--	--	35
0010	Elm/High/Pond/Jefferson				--	--	--	--	--	--	--	53
0020		938+59	-	941+34	--	--	--	--	--	--	--	--
0020		941+34	-	975+07	--	--	--	--	--	--	--	--
0020		975+07	-	982+75	--	--	--	--	--	--	--	--
				SUBTOTAL	2,172	1,067						
	PROJECT 8610-02-74 TOTALS			CATEGORY 0010	3,239		141	2,172	6	2	0	689
				CATEGORY 0020	0		0	0	0	0	0	0
	PROJECT 8610-02-74 TOTALS			TOTALS	3,239		141	2,172	6	2	0	689

3

PAVEMENT MARKING

CATEGORY	CROSSROAD	STATION	-	STATION	646.7120 MARKING DIAGONAL EPOXY 12-INCH WHITE (LF)	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (LF)	646.7520 MARKING CROSSWALK EPOXY LADDER PATTERN 24-INCH (LF)	646.8320 MARKING PARKING STALL EPOXY (LF)	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH YELLOW (LF)	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH YELLOW (LF)	646.9000 MARKING REMOVAL LINE 4-INCH (LF)
0010		938+59	-	941+34	16	--	36	--	624	--	--
0010		941+34	-	975+07	190	1,564	--	--	1,471	--	--
0010		975+07	-	982+75	92	465	--	--	2,640	--	--
0010	River/Bay				--	--	--	--	--	--	--
0010	Bay/Spring				38	161	--	--	--	--	--
0010	Bay/Central				38	158	--	--	--	--	--
0010	Bay/Grand				38	157	--	--	--	--	--
0010	Bay/Columbia				36	164	--	--	--	--	--
0010	Bay/Willow				36	153	--	--	--	--	--
0010	Bay/Birch				37	156	--	--	--	--	--
0010	Bay/Spruce				17	139	--	--	--	--	--
0010	Bay/Oak/Cedar				44	191	--	--	--	--	--
0010	Cedar/Bridge				19	159	--	--	--	--	--
0010	Bridge/Elm				35	167	--	--	--	--	--
0010	Elm/High/Pond/Jefferson				53	292	--	--	--	--	--
0020		938+59	-	941+34	--	--	--	--	--	--	--
0020		941+34	-	975+07	--	--	--	2,528	--	--	--
0020		975+07	-	982+75	--	--	--	--	--	--	--
		PROJECT 8610-02-74 TOTALS		CATEGORY 0010	689	3,926	36	0	4,735	0	0
				CATEGORY 0020	0	0	0	2,528	0	0	0
		PROJECT 8610-02-74 TOTALS		TOTALS	689	3,926	36	2,528	4,735	0	0

PAVEMENT MARKING

CATEGORY	CROSSROAD	STATION	-	STATION		646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH YELLOW (LF)	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH WHITE (LF)	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH WHITE (LF)	646.4720 MARKING LINE SAME DAY EPOXY 6-INCH YELLOW (LF)	646.5020 MARKING ARROW EPOXY (EACH)	646.5120 MARKING WORD EPOXY (EACH)	646.5220 MARKING SYMBOL EPOXY (EACH)	646.6120 MARKING STOP LINE EPOXY 18-INCH WHITE (LF)
0010		982+75	-	986+18		622	--	100	622	4	--	--	--
0010		987+73	-	991+00		545	--	104	545	2	--	--	--
0010		991+00	-	999+22		1,500	1,360	--	1,500	--	--	--	--
0010		999+22	-	1010+35		2,236	2,194	--	2,236	--	--	4	--
0010		1010+35	-	1015+35		905	966	200	905	3	--	2	--
0010		1015+35	-	1024+80		1,716	1,606	65	1,716	1	--	6	--
0010		1024+80	-	1028+21		560	578	--	560	--	--	2	--
0010		1028+21	-	1050+93		5,025	4,333	162	5,025	2	--	12	--
0010		1050+93	-	1051+98		210	210	--	210	--	--	--	--
0010		1051+98	-	1064+33		2,470	2,470	--	2,470	--	--	--	--
0010		1064+33	-	1065+38		210	210	--	210	--	--	--	--
0010		1065+38	-	1068+60		644	644	--	644	--	--	--	--
0010		1068+60	-	1073+61		1,281	758	--	1,281	1	1	--	--
0010		1073+61	-	1078+62		1,783	513	49	1,783	1	--	--	--
0010		1078+62	-	1080+00		433	--	--	433	--	--	--	--
0010	Elm/High/Pond/Jefferson					--	--	--	--	--	--	--	22
0010	Bridgewater					80	--	--	80	--	--	--	30
0010	John					--	--	--	--	--	--	--	26
0010	Fair					--	--	--	--	--	--	--	15
0010	Irvine Park					--	--	--	--	--	--	--	--
0010	Edward					34	--	17	34	--	--	--	22
0010	1st					--	--	--	--	--	--	--	21
0010	2nd					--	--	--	--	--	--	--	18
0010	3rd					--	--	--	--	--	--	--	17
0010	4th					--	--	--	--	--	--	--	17
0010	7th					--	--	--	--	--	--	--	--
0010	136th					142	--	--	142	--	--	--	48
0010	State/140th					123	--	--	123	--	--	--	28
				SUBTOTAL		20,519	15,842						
		PROJECT 8610-08-73 TOTALS			CATEGORY 0010	36,361		697	20,519	14	1	26	264
					CATEGORY 0020	0		0	0	0	0	0	0
		PROJECT 8610-08-73 TOTALS			TOTALS	36,361		697	20,519	14	1	26	264
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS				39,600		838	22,691	20	3	26	953

PAVEMENT MARKING

CATEGORY	CROSSROAD	STATION	-	STATION	646.7120 MARKING DIAGONAL EPOXY 12-INCH YELLOW (LF)	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (LF)	646.7520 MARKING CROSSWALK EPOXY LADDER PATTERN 24-INCH (LF)	646.8320 MARKING PARKING STALL EPOXY (LF)	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH YELLOW (LF)	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH YELLOW (LF)	646.9000 MARKING REMOVAL LINE 4-INCH (LF)
0010		982+75	-	986+18	--	86	--	--	1,372	--	--
0010		987+73	-	991+00	10	185	--	--	1,308	--	--
0010		991+00	-	999+22	24	252	--	--	3,288	--	--
0010		999+22	-	1010+35	--	--	--	--	5,292	440	440
0010		1010+35	-	1015+35	--	--	--	--	2,000	--	--
0010		1015+35	-	1024+80	--	--	--	--	3,780	--	--
0010		1024+80	-	1028+21	--	--	--	--	1,364	--	--
0010		1028+21	-	1050+93	206	--	--	--	11,728	--	--
0010		1050+93	-	1051+98	--	--	--	--	630	--	--
0010		1051+98	-	1064+33	--	--	--	--	4,940	--	--
0010		1064+33	-	1065+38	--	--	--	--	630	--	--
0010		1065+38	-	1068+60	--	--	--	--	1,288	--	--
0010		1068+60	-	1073+61	70	--	--	--	3,044	--	--
0010		1073+61	-	1078+62	146	--	--	--	3,544	--	--
0010		1078+62	-	1080+00	8	--	--	--	552	--	--
0010	Elm/High/Pond/Jefferson				--	64	--	--	--	--	--
0010	Bridgewater				--	134	--	--	160	--	--
0010	John				--	121	--	--	--	--	--
0010	Fair				--	71	--	--	--	--	--
0010	Irvine Park				--	--	--	--	--	--	--
0010	Edward				--	103	--	--	68	--	--
0010	1st				--	93	--	--	--	--	--
0010	2nd				--	74	--	--	--	--	--
0010	3rd				--	--	--	--	--	--	--
0010	4th				--	--	--	--	--	--	--
0010	7th				--	--	--	--	--	--	--
0010	136th				--	--	--	--	284	--	--
0020	Elm/High/Pond/Jefferson				--	--	--	--	--	--	--
0020	Bridgewater				--	--	--	12	--	--	--
0020	John				--	--	--	--	--	--	--
0020	Fair				--	--	--	--	--	--	--
0020	Irvine Park				--	--	--	--	--	--	--
0020	Edward				--	--	--	--	--	--	--
0020	1st				--	--	--	--	--	--	--
0020	2nd				--	--	--	--	--	--	--
0020	3rd				--	--	--	--	--	--	--
0020	4th				--	--	--	--	--	--	--
0020	7th				--	--	--	--	--	--	--
0020	136th				--	--	--	--	--	--	--
0020	State/140th				--	--	--	--	--	--	--
	PROJECT 8610-08-73 TOTALS	CATEGORY 0010			464	1,183	0	0	45,272	440	440
		CATEGORY 0020			0	0	0	12	0	0	0
	PROJECT 8610-08-73 TOTALS	TOTALS			464	1,183	0	12	45,272	440	440
	COMBINED 8610-02-74 AND 8610-08-73 TOTALS				1,153	5,109	36	2,540	50,007	440	440

3

CONSTRUCTION STAKING

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE (LF)	650.5000 CONSTRUCTION STAKING BASE (LF)	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER (LF)	650.6000 CONSTRUCTION STAKING PIPE CULVERTS (EACH)	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE (LF)	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (LS)	650.9920 CONSTRUCTION STAKING SLOPE STAKES (LF)
0010		938+59	-	941+34	LT/RT	--	--	--	--	275	--	--
0010		941+34	-	975+07	LT/RT	--	--	--	--	3,373	--	--
0010		975+07	-	982+75	LT/RT	--	--	--	--	768	--	--
0010	River/Bay					--	--	90	--	--	--	--
0010	Bay/Spring					--	--	120	--	--	--	--
0010	Bay/Central					--	--	128	--	--	--	--
0010	Bay/Grand					--	--	135	--	--	--	--
0010	Bay/Columbia					--	--	132	--	--	--	--
0010	Bay/Willow					--	--	170	--	--	--	--
0010	Bay/Birch					--	--	142	--	--	--	--
0010	Bay/Spruce					--	--	182	--	--	--	--
0010	Bay/Oak/Cedar					--	--	219	--	--	--	--
0010	Cedar/Bridge					--	--	246	--	--	--	--
0010	Bridge/Elm					--	--	152	--	--	--	--
0010	Elm/High/Pond/Jefferson					--	--	134	--	--	--	--
0020		938+59	-	941+34	LT/RT	--	--	--	--	--	--	--
0020		941+34	-	975+07	LT/RT	--	--	366	--	--	--	--
0020		975+07	-	982+75	LT/RT	--	--	1,343	--	--	--	--
0010					UNDISTRIBUTED	--	--	--	--	--	1	--
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	0	0	1,842	0	4,416	1	0
					CATEGORY 0020	0	0	1,708	0	0	0	0
		PROJECT 8610-02-74 TOTALS			TOTALS	0	0	3,550	0	4,416	1	0

CONSTRUCTION STAKING

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE (LF)	650.5000 CONSTRUCTION STAKING BASE (LF)	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER (LF)	650.6000 CONSTRUCTION STAKING PIPE CULVERTS (EACH)	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE (LF)	650.9911 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (LS)	650.9920 CONSTRUCTION STAKING SLOPE STAKES (LF)
0010		982+75	-	986+18	LT/RT	--	--	--	--	343	--	--
0010		987+73	-	991+00	LT/RT	--	--	--	--	327	--	--
0010		991+00	-	999+22	LT/RT	--	--	--	--	822	--	--
0010		999+22	-	1010+35	LT/RT	--	--	--	--	1,113	--	--
0010		1010+35	-	1015+35	LT/RT	--	--	--	--	500	--	--
0010		1015+35	-	1024+80	LT/RT	--	--	--	--	945	--	--
0010		1024+80	-	1028+21	LT/RT	--	--	--	--	341	--	--
0010		1028+21	-	1050+93	LT/RT	--	--	--	--	2,272	--	--
0010		1050+93	-	1051+98	LT/RT	105	105	--	1	105	--	105
0010		1051+98	-	1064+33	LT/RT	--	--	--	--	1,235	--	--
0010		1064+33	-	1065+38	LT/RT	105	105	--	2	105	--	105
0010		1065+38	-	1068+60	LT/RT	--	--	--	--	322	--	--
0010		1068+60	-	1073+61	LT/RT	--	--	--	--	501	--	200
0010		1073+61	-	1078+62	LT/RT	--	--	--	--	501	--	--
0010		1078+62	-	1080+00	LT/RT	--	--	--	--	138	--	--
0010	Elm/High/Pond/Jefferson					--	--	111	--	--	--	--
0010	Bridgewater					--	--	166	--	--	--	--
0010	John					--	--	187	--	--	--	--
0010	Fair					--	--	81	--	--	--	--
0010	Irvine Park					--	--	65	--	--	--	--
0010	Edward					--	--	65	--	--	--	--
0010	1st					--	--	60	--	--	--	--
0010	2nd					--	--	26	--	--	--	--
0010	3rd					--	--	19	--	--	--	--
0010	4th					--	--	--	--	--	--	--
0010	7th					--	--	--	--	--	--	--
0010	136th					--	--	--	--	--	--	--
0010	State/140th					--	--	--	--	--	--	--
0020		982+75	-	986+18	LT/RT	--	--	53	--	--	--	--
0020		987+73	-	991+00	LT/RT	--	--	25	--	--	--	--
0020		991+00	-	999+22	LT/RT	--	--	--	--	--	--	--
0020		999+22	-	1010+35	LT/RT	--	--	--	--	--	--	--
0020		1010+35	-	1015+35	LT/RT	--	--	--	--	--	--	--
0020		1015+35	-	1024+80	LT/RT	--	--	34	--	--	--	--
0020		1024+80	-	1028+21	LT/RT	--	--	--	--	--	--	--
0020		1028+21	-	1050+93	LT/RT	--	--	--	--	--	--	--
0020		1050+93	-	1051+98	LT/RT	--	--	--	--	--	--	--
0020		1051+98	-	1064+33	LT/RT	--	--	--	--	--	--	--
0020		1064+33	-	1065+38	LT/RT	--	--	--	--	--	--	--
0020		1065+38	-	1068+60	LT/RT	--	--	--	--	--	--	--
0020		1068+60	-	1073+61	LT/RT	--	--	--	--	--	--	--
0020		1073+61	-	1078+62	LT/RT	--	--	--	--	--	--	--
0020		1078+62	-	1080+00	LT/RT	--	--	--	--	--	--	--
0010					UNDISTRIBUTED	--	--	--	--	--	1	--
		PROJECT 8610-08-73 TOTALS			CATEGORY 0010	210	210	780	3	9,570	1	410
					CATEGORY 0020	0	0	112	0	0	0	0
		PROJECT 8610-08-73 TOTALS			TOTALS	210	210	892	3	9,570	1	410
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS			TOTALS	210	210	4,442	3	13,986	2	410

3

SAWING ITEMS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	690.0150 SAWING ASPHALT (LF)	* 690.0250 SAWING CONCRETE (LF)	NOTES
0010		938+63	-	941+34	LT/RT	--	481	
0010	River/Bay					--	235	
0010	Bay/Spring					114	170	
0010	Bay/Central					131	162	
0010	Bay/Grand					127	184	
0010	Bay/Columbia					120	99	
0010	Bay/Willow					161	99	
0010	Bay/Birch					135	71	
0010	Bay/Spruce					173	70	
0010	Bay/Oak/Cedar					208	78	
0010	Cedar/Bridge					241	123	
0010	Bridge/Elm					135	62	
0010	Elm/High/Pond/Jefferson					127	59	
0020		938+63	-	941+34	LT/RT	--	45	
0020		941+34	-	975+07	LT/RT	353	48	
0020		975+07	-	982+75	LT/RT	1,280	168	
0010					UNDISTRIBUTED	166	84	
		PROJECT 8610-02-74 TOTALS			CATEGORY 0010	1,838	1,977	
					CATEGORY 0020	1,633	260	
		PROJECT 8610-02-74 TOTALS			TOTALS	3,471	2,237	

* BID ITEM LISTED ELSEWHERE

3

SAWING ITEMS

CATEGORY	CROSSROAD	STATION	-	STATION	LOCATION	690.0150 SAWING ASPHALT (LF)	* 690.0250 SAWING CONCRETE (LF)	NOTES
0010	Elm/High/Pond/Jefferson					105	30	
0010	Bridgewater					158	77	
0010	John					178	43	
0010	Fair					82	41	
0010	Irvine Park					61	37	
0010	Edward					61	32	
0010	1st					64	22	
0010	2nd					31	20	
0010	3rd					--	--	
0010	4th					--	--	
0010	7th					--	--	
0010	136th					--	--	
0010	State/140th					--	--	
0020		982+75	-	986+18	LT/RT	50	5	
0020		987+73	-	991+00	LT/RT	--	--	
0020		991+00	-	999+22	LT/RT	--	--	
0020		999+22	-	1010+35	LT/RT	--	--	
0020		1010+35	-	1015+35	LT/RT	--	--	
0020		1015+35	-	1024+80	LT/RT	--	--	
0020		1024+80	-	1028+21	LT/RT	--	--	
0020		1028+21	-	1050+93	LT/RT	--	--	
0020		1050+93	-	1051+98	LT/RT	--	--	
0020		1051+98	-	1064+33	LT/RT	--	--	
0020		1064+33	-	1065+38	LT/RT	60	--	
0020		1065+38	-	1068+60	LT/RT	--	--	
0020		1068+60	-	1073+61	LT/RT	60	--	
0020		1073+61	-	1078+62	LT/RT	--	--	
0020		1078+62	-	1080+00	LT/RT	--	--	
0010					UNDISTRIBUTED	225	--	DRIVEWAYS NORTH OF 4TH AVE
0010					UNDISTRIBUTED	57	16	
		PROJECT 8610-08-73 TOTALS			CATEGORY 0010	1,022	318	
					CATEGORY 0020	170	5	
		PROJECT 8610-08-73 TOTALS			TOTALS	1,192	323	
		COMBINED 8610-02-74 AND 8610-08-73 TOTALS			TOTALS	4,663	2,559	

* BID ITEM LISTED ELSEWHERE

3

DITCH CLEANING

STATION	-	STATION	LOCATION	SPV.0090.01 * DITCH CLEANING LF	NOTES
1069+00	-	1071+00	LT/RT	85	ITEMS AND QUANTITIES LISTED BELOW
PROJECT 8610-08-73 TOTALS				85	
COMBINED 8610-02-74 AND 8610-08-73 TOTALS				85	

STATION	-	STATION	LOCATION	EXCAVATION COMMON CY	SALVAGED TOPSOIL SY	FERTILIZER TYPE A CWT	SEEDING MIXTURE NO. 20 LB	SEEDING TEMPORARY LB	SEED WATER MGAL
1069+00	-	1071+00	RT	15	126	0.1	6	3	3

* ITEMS AND QUANTITIES IN THIS TABLE LISTED FOR BID INFORMATION ONLY

SALVAGE AND REINSTALL BRICK PAVERS

	STATION	-	STATION	LOCATION	SPV.0165.01 SALVAGE AND REINSTALL BRICK PAVERS (SF)
CATEGORY 0010	940+15	-	940+33	LT	87
PROJECT 8610-02-74 TOTALS					87
COMBINED 8610-02-74 AND 8610-08-73 TOTALS					87

3

REMOVING CONCRETE BASES

SIGNAL BASE NO.	204.0195 REMOVING CONCRETE BASES EACH
SB3	1
SB8	1
TOTAL	2

CONDUIT

LOC.	TO	LOC.	* 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.
PB1		SB8	12
PB2		SB3	16
	TOTAL		28

INSTALL CONDUIT INTO EXISTING ITEM

PULL BOX NO.	LOCATION	* 652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB1	EXISTING	1
PB2	EXISTING	1
TOTAL		2

ADJUSTING PULL BOXES

PULL BOX NO.	* 653.0900 ADJUSTING PULL BOXES EACH
PB1	1
PB2	1
TOTAL	2

CONCRETE BASES

SIGNAL BASE NO.	** LOCATION	654.0110 CONCRETE BASES TYPE 10 EACH
SB3	940+40, 35' LT	1
SB8	940+98, 38' LT	1
TOTAL		2

3

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	* 655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	* 655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	* 655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE L.F.
CB1		SB3		218			546
CB1		SB8			63	63	
SB2		SB3				108	
SB3		SB4				49	
SB7		SB8				51	
PB1		SB8				70	
SB3		HEAD 6	51				
SB3		HEAD 41	15				
SB5		HEAD 42	15				
SB8		HEAD 2	26				
SB8		HEAD 9	46				
TOTAL			153	218	63	341	546

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	657.0345 POLES TYPE 9 EACH	657.0520 MONOTUBE ARMS 20-FT EACH	657.0525 MONOTUBE ARMS 25-FT EACH
SB3	1		1
SB8	1	1	
TOTAL	2	1	1

SIGNAL MOUNTING HARDWARE

** LOCATION	658.5070.01 SIGNAL MOUNTING HARDWARE EACH
STH 124/BAY STREET & RIVER STREET	1
TOTAL	1

SALVAGE AND REINSTALL EVP DETECTORS

LOCATION	SPV.0060.03 SALVAGING AND REINSTALLING EVP DETECTORS EACH
STH 124/BAY STREET & RIVER STREET	1
TOTAL	1

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	* 658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
2	SB8	1	
6	SB3	1	
9	SB8	1	
41	SB3		1
42	SB5		1
TOTAL		3	2

SALVAGING TRAFFIC SIGNALS

LOCATION	SPV.0060.01 SALVAGING TRAFFIC SIGNALS EQUIPMENT EACH
STH 124/BAY STREET & RIVER STREET	1
TOTAL	1

LEGEND

* **ADDITIONAL ITEMS FOR QUANTITITES LISTED ELSEWHERE**

** **FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD**

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

STH 124/BAY STREET & RIVER STREET TRAFFIC SIGNAL
PAGE 1 OF 1

3

CONDUIT

LOC.	TO	LOC.	* 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.
PB8		SB8	11
		TOTAL	11

INSTALL CONDUIT INTO EXISTING ITEM

PULL BOX NO.	LOCATION	* 652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB8	EXISTING	1
	TOTAL	1

ADJUSTING PULL BOXES

PULL BOX NO.	* 653.0900 ADJUSTING PULL BOXES EACH
PB2	1
PB3	1
PB5	1
PB6	1
PB8	1
LPB1	1
TOTAL	6

CONCRETE BASES

SIGNAL BASE NO.	** LOCATION	* 654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH
SB8	943+51, 25' LT	1
	TOTAL	1

3

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	* 655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	* 655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	* 655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1		SB8		68	68
SB7		SB8			39
SB8		HEAD 3	55		
SB8		HEAD 4	43		
		TOTAL	98	68	107

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	* 657.0347 POLES TYPE 9-SPECIAL EACH	* 657.0536 MONOTUBE ARMS 35-FT-SPECIAL EACH
SB8	1	1
TOTAL	1	1

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	* 658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH
3	SB8	1
4	SB8	1
TOTAL		2

SIGNAL MOUNTING HARDWARE

** LOCATION	658.5070.02 SIGNAL MOUNTING HARDWARE EACH
STH 124/BAY STREET & SPRING STREET	1
TOTAL	1

SALVAGING TRAFFIC SIGNAL HEAD

SIG. HEAD NO.	* SPV.0060.02 SALVAGING TRAFFIC SIGNAL HEAD EACH
3	1
TOTAL	1

LEGEND

* ADDITIONAL ITEMS FOR QUANTITITES LISTED ELSEWHERE

** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

STH 124/BAY STREET & SPRING STREET TRAFFIC SIGNAL
PAGE 1 OF 1

3

CONDUIT

LOC.	TO	LOC.	* 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.
PB7		SB7	8
		TOTAL	8

INSTALL CONDUIT INTO EXISTING ITEM

PULL BOX NO.	LOCATION	* 652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB7	EXISTING	1
	TOTAL	1

ADJUSTING PULL BOXES

PULL BOX NO.	* 653.0900 ADJUSTING PULL BOXES EACH
PB4	1
PB5	1
PB7	1
LPB1	1
TOTAL	4

CONCRETE BASES

SIGNAL BASE NO.	** LOCATION	* 654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH
SB7	946+85, 25' LT	1
	TOTAL	1

3

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	* 655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	* 655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	* 655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1		SB8		142	
SB6		SB7			36
SB7		SB8			76
SB7		HEAD 3	55		
SB7		HEAD 4	43		
		TOTAL	98	142	112

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	* 657.0347 POLES TYPE 9-SPECIAL EACH	* 657.0536 MONOTUBE ARMS 35-FT-SPECIAL EACH
SB8	1	1
TOTAL	1	1

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	* 658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH
3	SB7	1
4	SB7	1
TOTAL		2

SIGNAL MOUNTING HARDWARE

** LOCATION	658.5070.03 SIGNAL MOUNTING HARDWARE EACH
STH 124/BAY STREET & CENTRAL STREET	1
TOTAL	1

SALVAGING TRAFFIC SIGNAL HEAD

SIG. HEAD NO.	* SPV.0060.02 SALVAGING TRAFFIC SIGNAL HEAD EACH
3	1
TOTAL	1

LEGEND

* ADDITIONAL ITEMS FOR QUANTITITES LISTED ELSEWHERE

** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

STH 124/BAY STREET & CENTRAL STREET TRAFFIC SIGNAL
PAGE 1 OF 1

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	MISCELLANEOUS QUANTITIES	SHEET NO: 201	E

3

CONDUIT

LOC.	TO	LOC.	* 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.
PB1		SB1	9
		TOTAL	9

INSTALL CONDUIT INTO EXISTING ITEM

PULL BOX NO.	LOCATION	* 652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB1	EXISTING	1
	TOTAL	1

ADJUSTING PULL BOXES

PULL BOX NO.	* 653.0900 ADJUSTING PULL BOXES EACH
PB1	1
PB6	1
LPB1	1
TOTAL	3

CONCRETE BASES

SIGNAL BASE NO.	** LOCATION	* 654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH
SB1	950+10, 25' LT	1
	TOTAL	1

3

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	* 655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	* 655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	* 655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1		SB1		40	40
SB1		SB8			43
SB1		HEAD 3	55		
SB1		HEAD 4	43		
		TOTAL	98	40	83

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	* 657.0347 POLES TYPE 9-SPECIAL EACH	* 657.0536 MONOTUBE ARMS 35-FT SPECIAL EACH
SB1	1	1
TOTAL	1	1

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	* 658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH
3	SB1	1
4	SB1	1
TOTAL		2

SIGNAL MOUNTING HARDWARE

** LOCATION	658.5070.04 SIGNAL MOUNTING HARDWARE EACH
STH 124/BAY STREET & GRAND AVENUE	1
TOTAL	1

SALVAGING TRAFFIC SIGNAL HEAD

SIG. HEAD NO.	* SPV.0060.02 SALVAGING TRAFFIC SIGNAL HEAD EACH
3	1
TOTAL	1

LEGEND

* ADDITIONAL ITEMS FOR QUANTITITES LISTED ELSEWHERE

** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

STH 124/BAY STREET & GRAND AVENUE TRAFFIC SIGNAL
PAGE 1 OF 1

3

CONDUIT

LOC.	TO	LOC.	* 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.
PB2		SB2	9
TOTAL			9

INSTALL CONDUIT INTO EXISTING ITEM

PULL BOX NO.	LOCATION	* 652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB2	EXISTING	1
TOTAL		1

ADJUSTING PULL BOXES

PULL BOX NO.	* 653.0900 ADJUSTING PULL BOXES EACH
PB2	1
PB4	1
PB5	1
LPB1	1
LPB2	1
TOTAL	5

CONCRETE BASES

SIGNAL BASE NO.	** LOCATION	* 654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH
SB2	953+44, 24' LT	1
TOTAL		1

3

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	* 655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	* 655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	* 655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1		SB2		105	
SB3		SB2			39
SB2		SB4			80
SB2		HEAD 3	55		
SB2		HEAD 4	43		
	TOTAL		98	105	119

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	* 657.0347 POLES TYPE 9-SPECIAL EACH	* 657.0536 MONOTUBE ARMS 35-FT SPECIAL EACH
SB2	1	1
TOTAL	1	1

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	* 658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH
3	SB2	1
4	SB2	1
TOTAL		2

SIGNAL MOUNTING HARDWARE

** LOCATION	658.5070.05 SIGNAL MOUNTING HARDWARE EACH
STH 124/BAY STREET & COLUMBIA STREET	1
TOTAL	1

SALVAGING TRAFFIC SIGNAL HEAD

SIG. HEAD NO.	* SPV.0060.02 SALVAGING TRAFFIC SIGNAL HEAD EACH
3	1
TOTAL	1

LEGEND

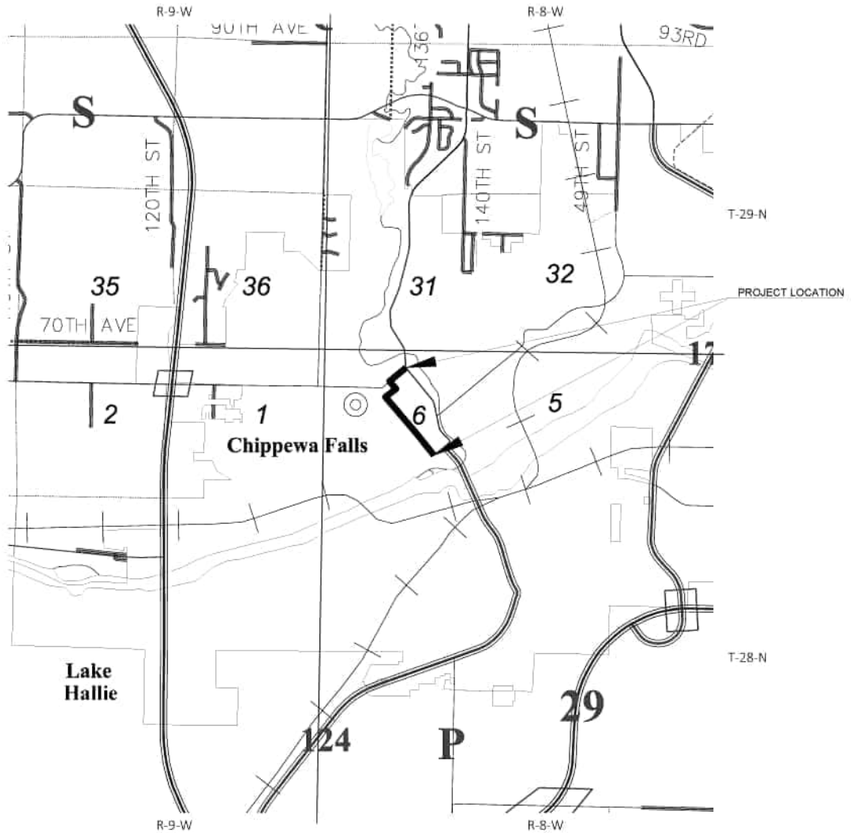
* ADDITIONAL ITEMS FOR QUANTITITES LISTED ELSEWHERE

** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED.

STH 124/BAY STREET & COLUMBIA STREET TRAFFIC SIGNAL
PAGE 1 OF 1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
8610-02-24
C. CHIPPEWA FALLS, BRIDGE STREET
HIGH STREET - BAY STREET
STH 124
CHIPPEWA COUNTY



THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 8610-02-24

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

CONVENTIONAL SYMBOLS

SECTION LINE		SECTION CORNER SYMBOL	R/W MONUMENT (TO BE SET)
QUARTER LINE			NON-MONUMENTED R/W POINT
SIXTEENTH LINE		SECTION CORNER MONUMENT	FOUND IRON PIN (1-INCH UNLESS NOTED) IP
NEW REFERENCE LINE		GEODETIC SURVEY MONUMENT	
NEW R/W LINE		SIXTEENTH CORNER MONUMENT	
EXISTING R/W OR HE LINE		SIGN	OFF-PREMISE SIGN
PROPERTY LINE	P.L.		
LOT, TIE & OTHER MINOR LINES			
SLOPE INTERCEPT			
CORPORATE LIMITS			
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)	W (TYPE)		
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)			
TEMPORARY LIMITED EASEMENT AREA			
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)			
TRANSMISSION STRUCTURES			
BUILDING	TO BE REMOVED		
BRIDGE	CULVERT		

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION	
NO ACCESS (BY STATUTORY AUTHORITY)	
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)	
NO ACCESS (NEW HIGHWAY)	
PARCEL NUMBER 25	UTILITY NUMBER 40
PARALLEL OFFSETS	

8040 R/W POINT NUMBER

8506 TLE/PLE POINT NUMBER

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF CURVATURE	PC
ACRES	AC	POINT OF COMPOUND CURVE	PCC
AHEAD	AH	POINT OF INTERSECTION	PI
ALUMINUM	ALUM	PROPERTY LINE	PL/P.L.
AND OTHERS	ET AL	RECORDED AS	(100')
BACK	BK	REEL / IMAGE	R/I
BLOCK	BLK	REFERENCE LINE	R/L
CENTERLINE	C/L	REMAINING	REM
CERTIFIED SURVEY MAP	CSM	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CONCRETE	CONC	RIGHT	RT
COUNTY	CO	RIGHT OF WAY	R/W
COUNTY TRUNK HIGHWAY	CTH	SECTION	SEC
DISTANCE	DIST	SEPTIC VENT	SEPV
CORNER	COR	SQUARE FEET	SF
DOCUMENT NUMBER	DOC	STATE TRUNK HIGHWAY	STH
EASEMENT	EASE	STATION	STA
EXISTING	EX	TELEPHONE PEDESTAL	TP
FOUND	FND	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		

CURVE DATA ABBREVIATIONS

RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	AH
DIRECTION BACK	BK

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
ELECTRIC TOWER	☒

GN

LAYOUT
SCALE 0 0.5 MI

PROJECT NUMBER	8610-02-24 -4. 01
SHEET	2 OF 2
AMENDMENT NO:	

FILE NAME : 86100224-4.00.DWG
LAYOUT NAME: 01

PLOT DATE : 1/4/2022 9:57 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : _____

8610-02-24-4.01

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.01

PART OF LOT 12, BLOCK 15 AND PART OF LOT 12 , BLOCK 20 OF THE ORIGINAL PLAT OF CHIPPEWA FALLS, IN THE NE 1/4 OF THE SE 1/4 OF SECTION 6, T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LAND FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

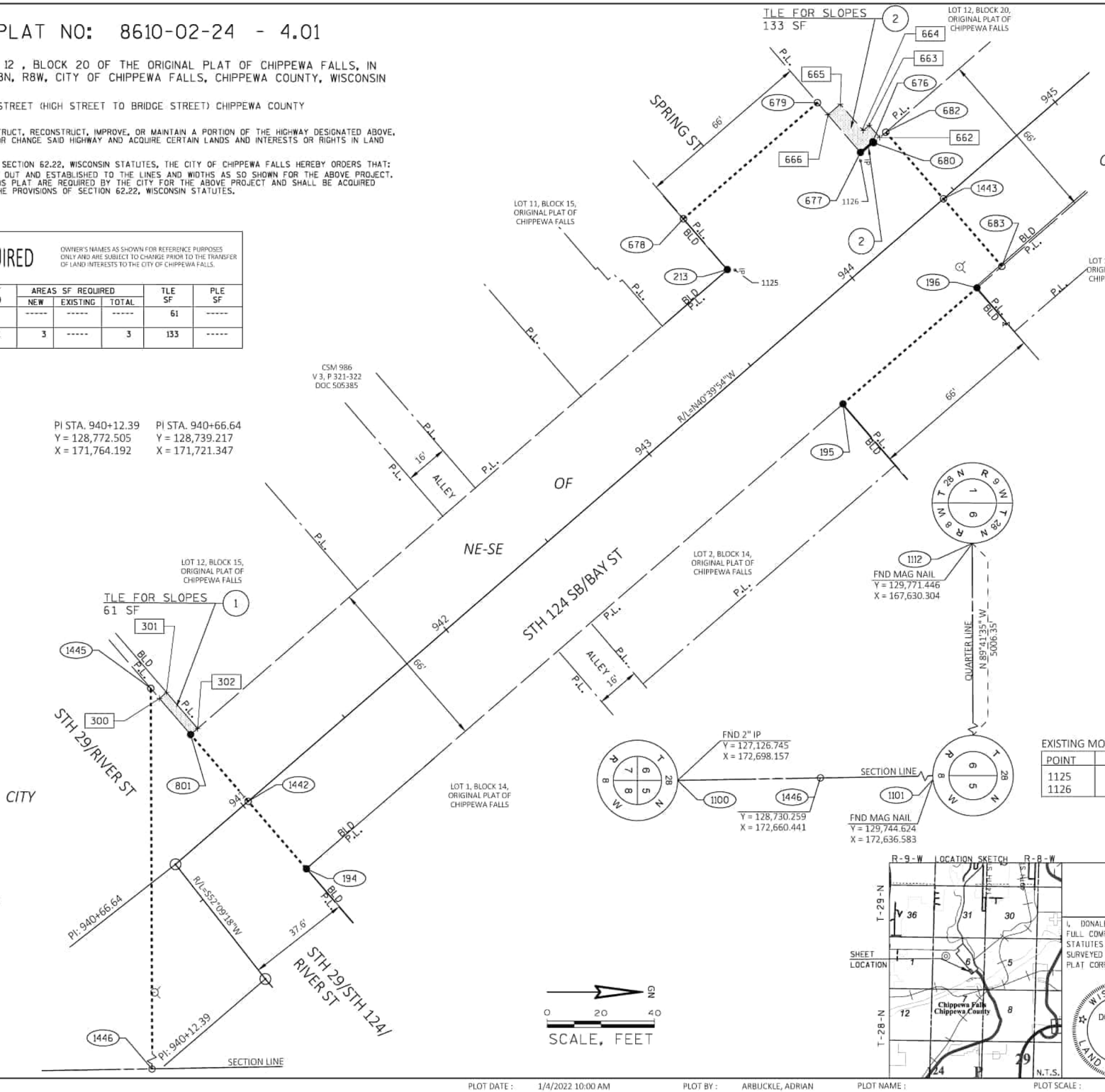
PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
1	KEITH STREET LLC	TLE	-----	-----	-----	61	-----
2	FRANCIS H & BETTY L MARTELL TRUST	FEE/TLE	3	-----	3	133	-----

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
1445 - 801	N 49°26'57" E	22.74'
801 - 213	N 40°39'47" W	264.42'
213 - 678	S 49°23'05" W	25.00'
678 - 679	N 40°39'47" W	66.00'
679 - 677	N 49°23'05" E	24.50'
677 - 681	N 31°17'49" W	6.14'
681 - 680	S 49°20'06" W	0.50'
680 - 682	N 40°39'47" W	6.00'
682 - 1443	N 49°20'06" E	32.81'
1443 - 683	N 49°20'06" E	33.19'
683 - 196	S 40°39'47" E	12.25'
196 - 195	S 40°39'47" E	66.00'
195 - 194	S 40°39'47" E	264.36'
194 - 1442	S 49°26'57" W	33.18
1442 - 801	S 49°26'57" W	32.82'
801 - 1445	S 49°26'57" W	22.74'
1101 - 1100	S 1°20'51" E	2618.60'
1100 - 1446	N 1°20'51" W	1603.96'
1446 - 1445	S 90°00'00" W	1004.64'
1101 - 1446	S 1°20'51" E	1014.65'

PI STA. 940+12.39
Y = 128,772.505
X = 171,764.192

PI STA. 940+66.64
Y = 128,739.217
X = 171,721.347



RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
194	941+02.39	33.18'
195	943+66.75	33.19'
196	944+32.75	33.19'
213	943+66.94	32.01'
676	944+39.00	33.31'
677	944+32.94	33.31'
678	943+66.96	57.81'
679	944+32.96	57.81'
680	944+39.00	32.81'
681	944+39.00	32.31'
682	944+45.00	32.81'
683	944+45.00	33.19'
801	941+02.52	32.82'
1442	941+02.45	0.00'
1443	944+45.00	0.00'
1445	941+02.56	55.56'

TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
300	941+02.55	50.56'
301	941+06.00	50.55'
302	941+05.95	32.82'
662	944+42.00	32.81'
663	944+42.01	38.81'
664	944+39.01	38.81'
665	944+39.02	51.81'
666	944+32.95	51.81'

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1125	128948.453	171500.983	BRASS PLUG SHAFT
1126	128995.376	171460.516	BRASS PLUG SHAFT

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: CSM 986 AND THE ORIGINAL PLAT OF CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

AECOM

I, DONALD J. BUZA , PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Donald J Buza DATE: 1/03/2022
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE 3/07/2022
PRINT NAME: RICHARD J. RUBENZER

929908
RECORDED ON
03/16/2022 03:45 PM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 2
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.01
SHEET 1 OF 2

4

4

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.02 AMENDMENT NO. 1 - AMENDS UTILITY PARCEL 101 OF TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.02 RECORDED AS DOCUMENT NO. 930374

PART OF LOT 11, BLOCK 20, PART OF LOTS 1 AND 2, BLOCK 40, PART OF LOTS 11 AND 12, BLOCK 41, PART OF LOT 12, BLOCK 46 AND PART OF LOT 1 , BLOCK 47 OF THE ORIGINAL PLAT OF CHIPPEWA FALLS, IN THE NW 1/4 OF THE SE 1/4 OF SECTION 6, T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

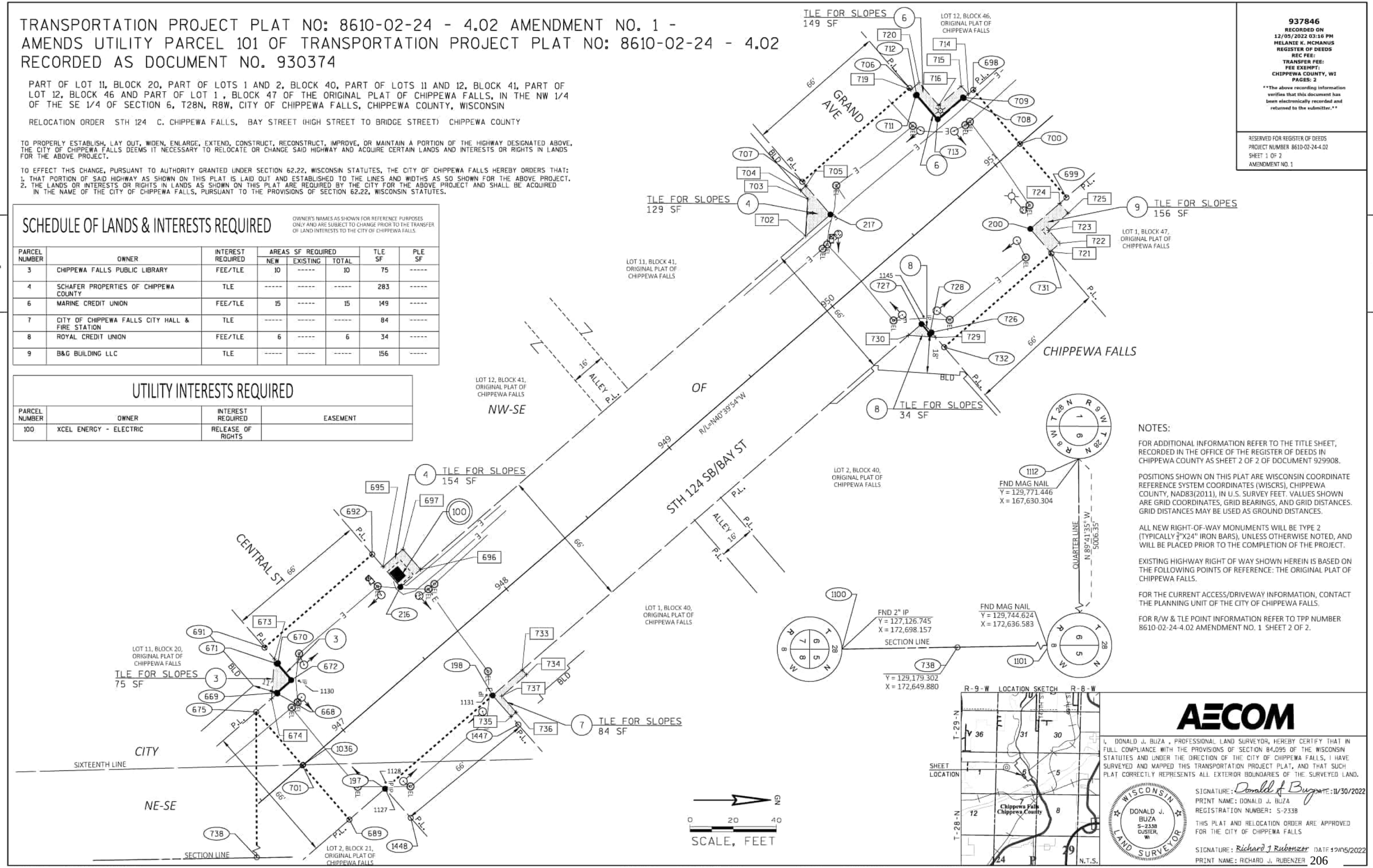
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
3	CHIPPEWA FALLS PUBLIC LIBRARY	FEE/TLE	10	-----	10	75	-----
4	SCHAFER PROPERTIES OF CHIPPEWA COUNTY	TLE	-----	-----	-----	283	-----
6	MARINE CREDIT UNION	FEE/TLE	15	-----	15	149	-----
7	CITY OF CHIPPEWA FALLS CITY HALL & FIRE STATION	TLE	-----	-----	-----	84	-----
8	ROYAL CREDIT UNION	FEE/TLE	6	-----	6	34	-----
9	B&G BUILDING LLC	TLE	-----	-----	-----	156	-----

UTILITY INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	EASEMENT
100	XCEL ENERGY - ELECTRIC	RELEASE OF RIGHTS	



NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929908.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: THE ORIGINAL PLAT OF CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

FOR R/W & TLE POINT INFORMATION REFER TO TPP NUMBER 8610-02-24-4.02 AMENDMENT NO. 1 SHEET 2 OF 2.

937846
RECORDED ON
12/05/2022 03:16 PM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 2
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.02
SHEET 1 OF 2
AMENDMENT NO. 1

AECOM

I, DONALD J. BUZA , PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

SIGNATURE: Donald J Buza DATE: 11/30/2022
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE: 12/05/2022
PRINT NAME: RICHARD J. RUBENZER

FILE NAME : 86100224-4.02-A1.DWG
APPRAISAL PLAT DATE : 11/08/2021
PLOT DATE : 11/30/2022 11:45 AM
PLOT BY : BUZA, DONALD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

8610-02-24-4.02 A1

4

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1127	129239.188	171332.998	BRASS PLUG SHAFT
1128	129238.973	171435.169	MAG NAIL
1130	129199.202	171285.736	BRASS PLUG SHAFT
1131	129286.135	171292.695	BRASS PLUG
1145	129489.409	171118.028	BRASS PLUG

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
197	946+96.86	33.20'
198	947+62.86	33.21'
200	950+92.83	32.90'
216	947+63.42	32.79'
217	950+27.13	32.79'
668	946+88.00	32.80'
669	946+88.00	33.30'
670	946+97.44	43.30'
671	946+96.94	43.30'
672	946+96.92	33.30'
675	946+75.00	32.80'
689	946+75.00	33.20'
691	946+97.46	52.80'
692	947+63.46	52.79'
698	951+15.00	33.11'
699	951+15.00	32.89'
700	951+15.00	0.00'
701	946+75.00	0.00'
706	950+93.23	53.10'
707	950+27.23	52.79'
708	951+09.14	33.11'
709	951+09.13	33.61'
711	950+93.21	48.60'
712	950+93.71	48.60'
713	950+93.64	33.60'
726	950+26.80	39.21'
727	950+25.82	33.21'
728	950+25.80	39.21'
731	950+92.76	47.90'
732	950+26.75	48.21'
1036	946+75.44	0.00'
1047	947+63.02	51.20'
1048	946+97.02	51.20'

TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
673	946+97.45	45.80'
674	946+84.42	32.80'
695	947+63.45	45.16'
696	947+75.80	32.79'
697	947+75.81	45.25'
702	950+12.00	32.79'
703	950+24.00	45.00'
704	950+24.00	50.30'
705	950+27.21	50.29'
714	951+12.00	33.11'
715	951+12.00	38.11'
716	950+98.16	38.10'
719	950+93.22	52.10'
720	950+98.22	52.07'
721	950+92.76	46.90'
722	950+98.76	46.93'
723	950+98.80	38.90'
724	951+10.83	32.89'
725	951+10.83	38.89'
729	950+26.78	42.21'
730	950+17.82	33.21'
733	947+81.00	33.21'
734	947+81.00	36.21'
735	947+62.98	46.20'
736	947+65.98	46.18'
737	947+65.89	36.21'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
675 - 668	N 40°39'47" W	13.00'
668 - 669	S 49°20'13" W	0.50'
669 - 672	N 40°40'11" W	8.92'
672 - 671	S 49°27'16" W	10.00'
671 - 670	N 40°32'44" W	0.50'
670 - 691	S 49°27'16" W	9.50'
691 - 692	N 40°39'47" W	66.00'
692 - 216	N 49°27'16" E	20.00'
216 - 217	N 40°39'47" W	263.71'
217 - 707	S 49°36'11" W	20.00'
707 - 706	N 40°56'11" W	66.00'
706 - 711	N 49°36'11" E	4.50'
711 - 712	N 40°23'49" W	0.50'
712 - 713	N 49°36'11" E	15.00'
713 - 709	N 40°42'25" W	15.50'
709 - 708	N 49°16'58" E	0.50'
708 - 698	N 40°42'25" W	5.86'
698 - 700	N 49°20'06" E	33.11'
700 - 699	N 49°20'06" E	32.89'
699 - 200	S 40°42'25" E	22.17'
200 - 731	N 49°36'11" E	15.00'
731 - 732	S 40°56'10" E	66.00'
732 - 726	S 49°36'11" W	9.00'
726 - 728	S 40°39'47" E	1.00'
728 - 727	S 49°36'11" W	6.00'
727 - 198	S 40°39'47" E	262.96'
198 - 1447	N 48°48'51" E	18.00'
1447 - 1448	S 40°39'47" E	66.00'
1448 - 197	S 48°48'51" W	18.00'
197 - 689	S 40°39'47" E	21.86'
689 - 701	S 49°20'06" W	33.20'
701 - 675	S 49°20'06" W	32.80'
1100 - 738	S 1°20'51" E	2053.13'
1101 - 738	S 1°20'51" E	565.48'
738 - 675	S 90°00'00" W	1349.84'

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.02

PART OF LOT 11, BLOCK 20, PART OF LOTS 1 AND 2, BLOCK 40, PART OF LOTS 11 AND 12, BLOCK 41, PART OF LOT 12, BLOCK 46 AND PART OF LOT 1 , BLOCK 47 OF THE ORIGINAL PLAT OF CHIPPEWA FALLS, IN THE NW 1/4 OF THE SE 1/4 OF SECTION 6, T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

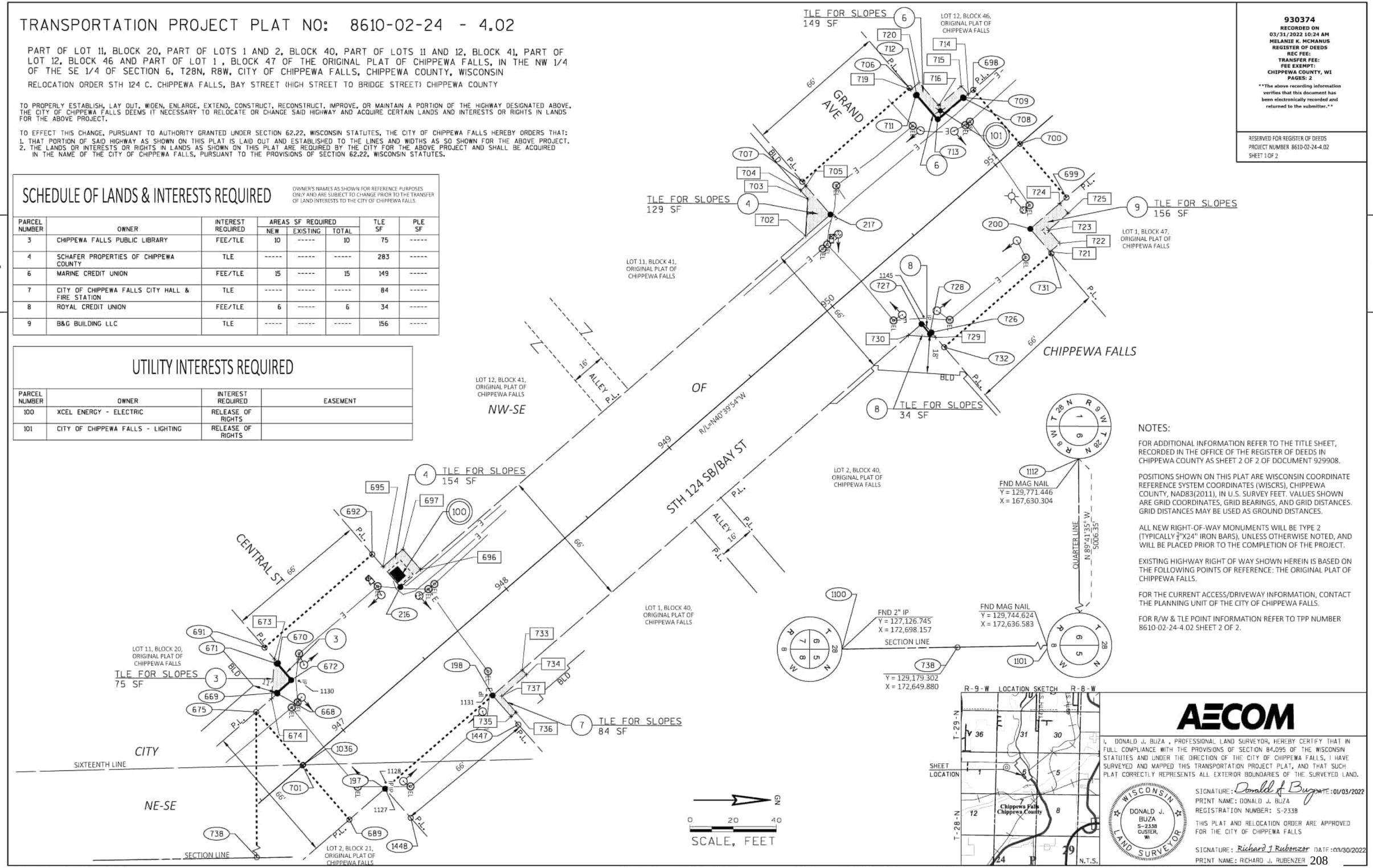
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
3	CHIPPEWA FALLS PUBLIC LIBRARY	FEE/TLE	10	-----	10	75	-----
4	SCHAFER PROPERTIES OF CHIPPEWA COUNTY	TLE	-----	-----	-----	283	-----
6	MARINE CREDIT UNION	FEE/TLE	15	-----	15	149	-----
7	CITY OF CHIPPEWA FALLS CITY HALL & FIRE STATION	TLE	-----	-----	-----	84	-----
8	ROYAL CREDIT UNION	FEE/TLE	6	-----	6	34	-----
9	B&G BUILDING LLC	TLE	-----	-----	-----	156	-----

UTILITY INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	EASEMENT
100	XCEL ENERGY - ELECTRIC	RELEASE OF RIGHTS	
101	CITY OF CHIPPEWA FALLS - LIGHTING	RELEASE OF RIGHTS	



NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929908.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: THE ORIGINAL PLAT OF CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

FOR R/W & TLE POINT INFORMATION REFER TO TPP NUMBER 8610-02-24-4.02 SHEET 2 OF 2.

AECOM

I, DONALD J. BUZA , PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE: 03/30/2022
PRINT NAME: RICHARD J. RUBENZER

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

930374
RECORDED ON
03/31/2022 10:24 AM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 2
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.02
SHEET 1 OF 2

4

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1127	129239.188	171332.998	BRASS PLUG SHAFT
1128	129238.973	171435.169	MAG NAIL
1130	129199.202	171285.736	BRASS PLUG SHAFT
1131	129286.135	171292.695	BRASS PLUG
1145	129489.409	171118.028	BRASS PLUG

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
197	946+96.86	33.20'
198	947+62.86	33.21'
200	950+92.83	32.90'
216	947+63.42	32.79'
217	950+27.13	32.79'
668	946+88.00	32.80'
669	946+88.00	33.30'
670	946+97.44	43.30'
671	946+96.94	43.30'
672	946+96.92	33.30'
675	946+75.00	32.80'
689	946+75.00	33.20'
691	946+97.46	52.80'
692	947+63.46	52.79'
698	951+15.00	33.11'
699	951+15.00	32.89'
700	951+15.00	0.00'
701	946+75.00	0.00'
706	950+93.23	53.10'
707	950+27.23	52.79'
708	951+09.14	33.11'
709	951+09.13	33.61'
711	950+93.21	48.60'
712	950+93.71	48.60'
713	950+93.64	33.60'
726	950+26.80	39.21'
727	950+25.82	33.21'
728	950+25.80	39.21'
731	950+92.76	47.90'
732	950+26.75	48.21'
1036	946+75.44	0.00'
1047	947+63.02	51.20'
1048	946+97.02	51.20'

TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
673	946+97.45	45.80'
674	946+84.42	32.80'
695	947+63.45	45.16'
696	947+75.80	32.79'
697	947+75.81	45.25'
702	950+12.00	32.79'
703	950+24.00	45.00'
704	950+24.00	50.30'
705	950+27.21	50.29'
714	951+12.00	33.11'
715	951+12.00	38.11'
716	950+98.16	38.10'
719	950+93.22	52.10'
720	950+98.22	52.07'
721	950+92.76	46.90'
722	950+98.76	46.93'
723	950+98.80	38.90'
724	951+10.83	32.89'
725	951+10.83	38.89'
729	950+26.78	42.21'
730	950+17.82	33.21'
733	947+81.00	33.21'
734	947+81.00	36.21'
735	947+62.98	46.20'
736	947+65.98	46.18'
737	947+65.89	36.21'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
675 - 668	N 40°39'47" W	13.00'
668 - 669	S 49°20'13" W	0.50'
669 - 672	N 40°40'11" W	8.92'
672 - 671	S 49°27'16" W	10.00'
671 - 670	N 40°32'44" W	0.50'
670 - 691	S 49°27'16" W	9.50'
691 - 692	N 40°39'47" W	66.00'
692 - 216	N 49°27'16" E	20.00'
216 - 217	N 40°39'47" W	263.71'
217 - 707	S 49°36'11" W	20.00'
707 - 706	N 40°56'11" W	66.00'
706 - 711	N 49°36'11" E	4.50'
711 - 712	N 40°23'49" W	0.50'
712 - 713	N 49°36'11" E	15.00'
713 - 709	N 40°42'25" W	15.50'
709 - 708	N 49°16'58" E	0.50'
708 - 698	N 40°42'25" W	5.86'
698 - 700	N 49°20'06" E	33.11'
700 - 699	N 49°20'06" E	32.89'
699 - 200	S 40°42'25" E	22.17'
200 - 731	N 49°36'11" E	15.00'
731 - 732	S 40°56'10" E	66.00'
732 - 726	S 49°36'11" W	9.00'
726 - 728	S 40°39'47" E	1.00'
728 - 727	S 49°36'11" W	6.00'
727 - 198	S 40°39'47" E	262.96'
198 - 1447	N 48°48'51" E	18.00'
1447 - 1448	S 40°39'47" E	66.00'
1448 - 197	S 48°48'51" W	18.00'
197 - 689	S 40°39'47" E	21.86'
689 - 701	S 49°20'06" W	33.20'
701 - 675	S 49°20'06" W	32.80'
1100 - 738	S 1°20'51" E	2053.13'
1101 - 738	S 1°20'51" E	565.48'
738 - 675	S 90°00'00" W	1349.84'

4

PROJECT NUMBER 8610-02-24-4.02
SHEET 2 OF 2

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\RW\PLAT\86100224-4.01.DWG
APPRAISAL PLAT DATE : _____
PLOT DATE : 1/4/2022 10:01 AM
PLOT BY : ARBUCKLE, ADRIAN

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.03

PART OF LOT 11, BLOCK 46, PART OF LOT 12, BLOCK 47 OF THE ORIGINAL PLAT OF CHIPPEWA FALLS, PART OF LOT 1, BLOCK 6 OF THE PLAT ALLEN'S ADDITION TO CHIPPEWA FALLS, IN THE NW 1/4 OF THE SE 1/4 OF SECTION 6, PART OF LOTS 5 AND 8, BLOCK 5, PART OF LOTS 1 AND 2 OF BLOCK 6, PART OF LOT 1, BLOCK 8 AND PART OF LOT 5, BLOCK 9 OF THE PLAT OF ALLEN'S ADDITION TO CHIPPEWA FALLS, IN THE SW 1/4 OF THE NE 1/4 OF SECTION 6, ALL IN T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

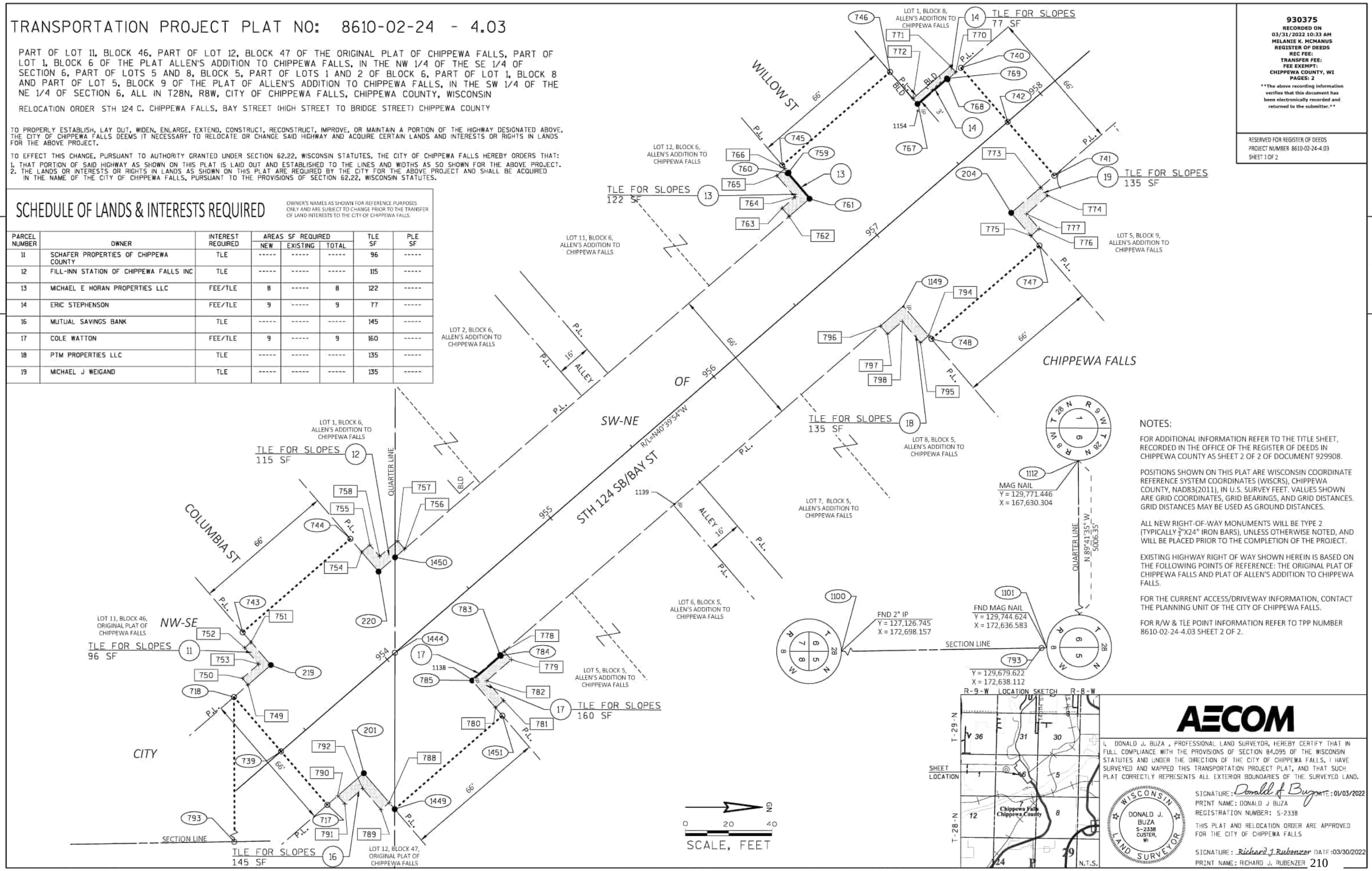
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
11	SCHAFER PROPERTIES OF CHIPPEWA COUNTY	TLE	-----	-----	-----	96	-----
12	FILL-INN STATION OF CHIPPEWA FALLS INC	TLE	-----	-----	-----	115	-----
13	MICHAEL E HORAN PROPERTIES LLC	FEE/TLE	8	-----	8	122	-----
14	ERIC STEPHENSON	FEE/TLE	9	-----	9	77	-----
16	MUTUAL SAVINGS BANK	TLE	-----	-----	-----	145	-----
17	COLE WATTON	FEE/TLE	9	-----	9	160	-----
18	PTM PROPERTIES LLC	TLE	-----	-----	-----	135	-----
19	MICHAEL J WEIGAND	TLE	-----	-----	-----	135	-----



NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929908.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: THE ORIGINAL PLAT OF CHIPPEWA FALLS AND PLAT OF ALLEN'S ADDITION TO CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

FOR R/W & TLE POINT INFORMATION REFER TO TPP NUMBER 8610-02-24-4.03 SHEET 2 OF 2.

AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE: 03/30/2022
PRINT NAME: RICHARD J. RUBENZER

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

930375
RECORDED ON
03/31/2022 10:33 AM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 2

****The above recording information verifies that this document has been electronically recorded and returned to the submitter.****

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.03
SHEET 1 OF 2

4

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1138	129789.615	170862.030	CHISELED "X"
1139	129883.856	170781.178	0.75" REBAR
1149	129990.216	170690.136	0.63" REBAR
1154	129997.220	170599.617	BRASS PLUG

TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
749	953+43.59	33.28'
750	953+43.58	37.28'
751	953+57.62	47.29'
752	953+53.62	47.30'
753	953+53.60	37.29'
754	954+23.61	45.34'
755	954+28.61	45.33'
756	954+39.59	33.33'
757	954+39.59	38.33'
758	954+28.60	38.34'
762	956+74.88	33.17'
763	956+74.88	38.17'
764	956+82.89	38.16'
765	956+82.94	51.17'
766	956+87.94	51.16'
770	957+76.88	33.09'
771	957+76.88	36.79'
772	957+53.89	36.88'
773	957+71.66	32.90'
774	957+71.65	37.90'
775	957+53.61	46.89'
776	957+58.61	46.90'
777	957+58.64	37.89'
778	954+43.37	32.67'
779	954+43.36	37.67'
780	954+23.29	49.66'
781	954+28.29	49.68'
782	954+28.34	37.66'
788	953+57.29	50.71'
789	953+52.29	50.69'
790	953+41.37	32.72'
791	953+41.37	37.72'
792	953+52.34	37.71'
794	956+87.60	50.84'
795	956+82.60	50.83'
796	956+73.66	32.83'
797	956+73.65	37.83'
798	956+82.64	37.84'

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
201	953+57.37	32.71'
204	957+53.66	32.89'
219	953+57.59	33.29'
220	954+23.59	33.34'
717	953+35.00	32.72'
718	953+35.00	33.28'
739	953+35.00	0.00'
740	957+80.00	33.09'
741	957+80.00	32.91'
742	957+80.00	0.00'
743	953+57.63	53.29'
744	954+23.63	53.34'
745	956+87.94	53.16'
746	957+53.94	53.11'
747	957+53.59	52.89'
748	956+87.59	52.84'
759	956+87.93	48.66'
760	956+87.43	48.66'
761	956+87.38	33.16'
767	957+53.88	33.61'
768	957+71.88	33.10'
769	957+71.88	33.60'
783	954+40.87	32.67'
784	954+40.87	33.17'
785	954+23.36	33.16'
1149	956+87.66	32.84'
1444	954+04.73	0.00'
1449	953+57.27	54.65'
1450	954+33.68	33.34'
1451	954+23.27	54.60'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
718 - 219	N 40°42'25" W	22.59'
219 - 743	S 49°27'44" W	20.00'
743 - 744	N 40°42'34" W	66.00'
744 - 220	N 49°27'44" E	20.00'
220 - 1450	N 40°37'28" W	10.09'
1450 - 761	N 40°37'28" W	253.70'
761 - 760	S 49°31'34" W	15.50'
760 - 759	N 40°28'26" W	0.50'
759 - 745	S 49°31'34" W	4.50'
745 - 746	N 40°37'28" W	66.00'
746 - 767	N 49°31'34" E	19.50'
767 - 769	N 40°37'28" W	18.00'
769 - 768	N 49°22'32" E	0.50'
768 - 740	N 40°37'28" W	8.12'
740 - 742	N 49°20'06" E	33.09'
742 - 741	N 49°20'06" E	32.91'
741 - 204	S 40°37'28" E	26.34'
204 - 747	N 49°31'34" E	20.00'
747 - 748	S 40°37'28" E	66.00'
748 - 1149	S 49°31'34" W	20.00'
1149 - 783	S 40°37'28" E	246.79'
783 - 784	N 49°22'32" E	0.50'
784 - 785	S 40°37'28" E	17.50'
785 - 1451	N 49°35'35" E	21.45'
1451 - 1449	S 40°42'35" E	66.00'
1449 - 201	S 49°35'35" W	21.95'
201 - 717	S 40°42'25" E	22.37'
717 - 739	S 49°20'06" W	32.72'
739 - 718	S 49°20'06" W	33.28'
1100 - 793	N 1°20'51" W	2553.58'
1101 - 793	N 1°20'51" W	65.02'
1101 - 1100	S 1°20'51" E	2618.60'
793 - 718	S 90°00'00" W	1768.51'
1101 - 1449	N 89°41'35" W	1714.82'
1449 - 1444	N 89°41'35" W	72.39'
1444 - 1450	N 89°41'35" W	44.15'
1450 - 1112	N 89°41'35" W	3174.99'
1112 - 1101	S 89°41'35" E	5006.35'

PROJECT NUMBER 8610-02-24-4.03
SHEET 2 OF 2

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\RW\PLAT\86100224-4.01.DWG PLOT DATE : 1/4/2022 10:01 AM PLOT BY : ARBUCKLE, ADRIAN
APPRAISAL PLAT DATE : _____

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.04

PART OF LOT 12, BLOCK 8, PART OF LOT 8, BLOCK 9, PART OF LOTS 5 AND 8 OF BLOCK 17, PART OF LOTS 1 AND 12, BLOCK 18, PART OF LOT 5 OF BLOCK 20 ALL IN THE PLAT OF ALLEN'S ADDITION TO CHIPPEWA FALLS, PART OF CSM 4603, V 21, P 123-124, DOC 858862, SW 1/4 OF THE NE 1/4 OF SECTION 6, ALL IN T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

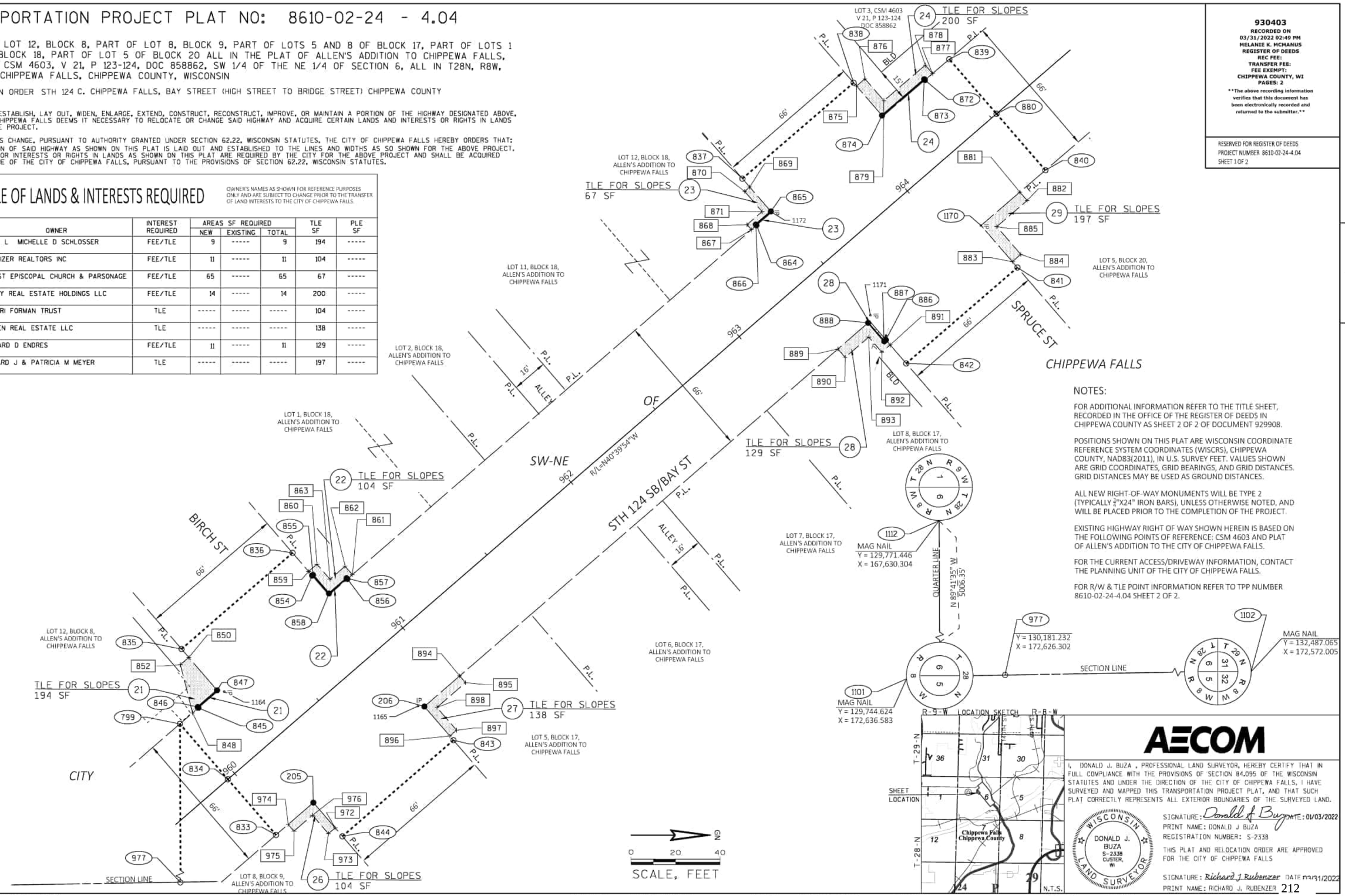
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
21	PAUL L MICHELLE D SCHLOSSER	FEE/TLE	9	-----	9	194	-----
22	BRENIZER REALTORS INC	FEE/TLE	11	-----	11	104	-----
23	CHRIST EPISCOPAL CHURCH & PARSONAGE	FEE/TLE	65	-----	65	67	-----
24	HALEY REAL ESTATE HOLDINGS LLC	FEE/TLE	14	-----	14	200	-----
26	SHERRI FORMAN TRUST	TLE	-----	-----	-----	104	-----
27	LINDEN REAL ESTATE LLC	TLE	-----	-----	-----	138	-----
28	RICHARD D ENDRES	FEE/TLE	11	-----	11	129	-----
29	HOWARD J & PATRICIA M MEYER	TLE	-----	-----	-----	197	-----



930403
RECORDED ON
03/31/2022 02:49 PM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 2
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.04
SHEET 1 OF 2

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929908.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: CSM 4603 AND PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

FOR R/W & TLE POINT INFORMATION REFER TO TPP NUMBER 8610-02-24-4.04 SHEET 2 OF 2.

LOCATION SKETCH

AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE: 03/31/2022
PRINT NAME: RICHARD J. RUBENZER

FILE NAME : 86100224-4.01.DWG
APPRAISAL PLAT DATE : 11/08/2021
PLOT DATE : 1/4/2022 10:00 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

8610-02-24-4.04

4

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1164	130201.177	170424.705	BRASS PLUG SHAFT
1165	130288.324	170431.528	BRASS PLUG
1170	130542.113	170216.542	1" PIPE
1171	130492.267	170256.582	BRASS PLUG
1172	130447.922	170209.994	1" PIPE

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
205	960+18.18	33.08'
206	960+84.18	33.08'
799	959+96.00	32.94'
833	959+96.00	33.07'
834	959+96.00	0.00'
835	960+18.61	57.92'
836	960+84.61	57.92'
837	963+47.59	52.73'
838	964+13.59	52.62'
839	964+53.00	32.46'
840	964+53.00	33.54'
841	964+14.85	58.39'
842	963+48.85	58.28'
843	960+84.14	53.08'
844	960+18.14	53.08'
845	960+07.03	32.93'
846	960+07.03	33.43'
847	960+18.53	33.42'
854	960+84.57	44.42'
855	960+85.07	44.41'
856	960+95.53	32.91'
857	960+95.53	33.41'
858	960+85.03	33.42'
864	963+38.60	32.73'
865	963+47.60	33.23'
866	963+38.60	33.23'
872	964+38.60	32.52'
873	964+38.61	33.02'
874	964+13.60	33.12'
880	964+53.00	0.00'
886	963+48.87	44.28'
887	963+47.87	44.27'
888	963+47.88	33.27'
1170	964+14.88	33.39'

TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
848	960+03.53	32.93'
850	960+18.59	52.92'
852	960+13.59	52.94'
859	960+84.58	46.92'
860	960+89.58	46.90'
861	960+98.53	32.91'
862	960+98.54	37.91'
863	960+89.55	37.91'
867	963+35.60	32.73'
868	963+35.61	35.73'
869	963+47.59	47.73'
870	963+44.59	47.72'
871	963+44.60	35.73'
875	964+13.59	50.62'
876	964+18.59	50.62'
877	964+43.10	32.50'
878	964+43.12	37.50'
879	964+18.60	37.60'
881	964+37.88	33.48'
882	964+37.86	38.48'
883	964+14.85	54.89'
884	964+19.85	54.89'
885	964+19.87	38.41'
889	963+29.88	33.26'
890	963+29.88	38.26'
891	963+48.86	47.28'
892	963+43.86	47.27'
893	963+43.87	38.27'
894	961+05.18	33.10'
895	961+05.18	37.10'
896	960+84.15	50.58'
897	960+88.15	50.59'
898	960+88.17	37.09'
972	960+18.15	48.08'
973	960+14.15	48.07'
974	960+03.18	33.07'
975	960+03.18	37.07'
976	960+14.17	37.07'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
799 - 845	N 40°37'28" W	11.03'
845 - 846	S 49°22'32" W	0.50'
846 - 847	N 40°37'28" W	11.50'
847 - 835	S 49°30'39" W	24.50'
835 - 836	N 40°39'33" W	66.00'
836 - 854	N 49°30'39" E	13.50'
854 - 855	N 40°29'21" W	0.50'
855 - 858	N 49°30'39" E	11.00'
858 - 857	N 40°37'25" W	10.50'
857 - 856	N 49°22'35" E	0.50'
856 - 864	N 40°37'25" W	243.07'
864 - 866	S 49°22'35" W	0.50'
866 - 865	N 40°37'25" W	9.00'
865 - 837	S 49°18'03" W	19.50'
837 - 838	N 40°34'21" W	66.00'
838 - 874	N 49°18'03" E	19.50'
874 - 873	N 40°25'40" W	25.00'
873 - 872	N 49°34'20" E	0.50'
872 - 839	N 40°25'40" W	14.40'
839 - 880	N 49°20'06" E	32.46'
880 - 840	N 49°20'06" E	33.54'
840 - 1170	S 40°25'40" E	38.12'
1170 - 841	N 49°24'30" E	25.00'
841 - 842	S 40°34'05" E	66.00'
842 - 886	S 49°24'30" W	14.00'
886 - 887	S 40°35'30" E	1.00'
887 - 888	S 49°24'30" W	11.00'
888 - 206	S 40°37'25" E	263.70'
206 - 843	N 49°26'51" E	20.00'
843 - 844	S 40°39'33" E	66.00'
844 - 205	S 49°26'51" W	20.00'
205 - 833	S 40°37'28" E	22.18'
833 - 834	S 49°20'06" W	33.06'
834 - 799	S 49°20'06" W	32.94'
1101 - 977	N 1°20'56" W	436.73'
977 - 799	S 90°00'00" W	2187.18'
1102 - 977	S 1°20'56" E	2306.47'
1102 - 1101	S 1°20'56" E	2743.20'

PROJECT NUMBER 8610-02-24-4.04
SHEET 2 OF 2

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\RW\PLAT\86100224-4.01.DWG
PLOT DATE : 1/4/2022 10:01 AM
PLOT BY : ARBUCKLE, ADRIAN
APPRAISAL PLAT DATE : _____

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
31	KARL G KOLB	FEE/TLE	26	-----	26	54	-----
32	RICHARD J & PATRICIA KAUPHUSMAN	FEE/TLE	23	-----	23	115	-----
33	MATTHEW F & GRETCHEN A JOHNSON	TLE	-----	-----	-----	171	-----
34	DEBORAH A ASHER	TLE	-----	-----	-----	81	-----
36	THOMAS J PAMPERIN	FEE/TLE	19	-----	19	56	-----

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1178	130743.073	170066.728	0.75" REBAR
1182	130770.324	169939.666	1" PIPE

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.05

PART OF LOT 12, BLOCK 19, PART OF LOT 8, BLOCK 20, AND PART OF LOT 5, BLOCK 26 OF THE PLAT OF ALLEN'S ADDITION TO CHIPPEWA FALLS IN THE SW 1/4 OF THE NE 1/4 OF SECTION 6, PART OF LOT 1, BLOCK 4 OF THE MANSFIELD ADDITION TO CHIPPEWA FALLS, PART OF LOT 7, BLOCK 5 OF THE SUBDIVISION OF MANSFIELD ADDITION IN THE SE 1/4 OF THE NW 1/4 OF SECTION 6, ALL IN T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

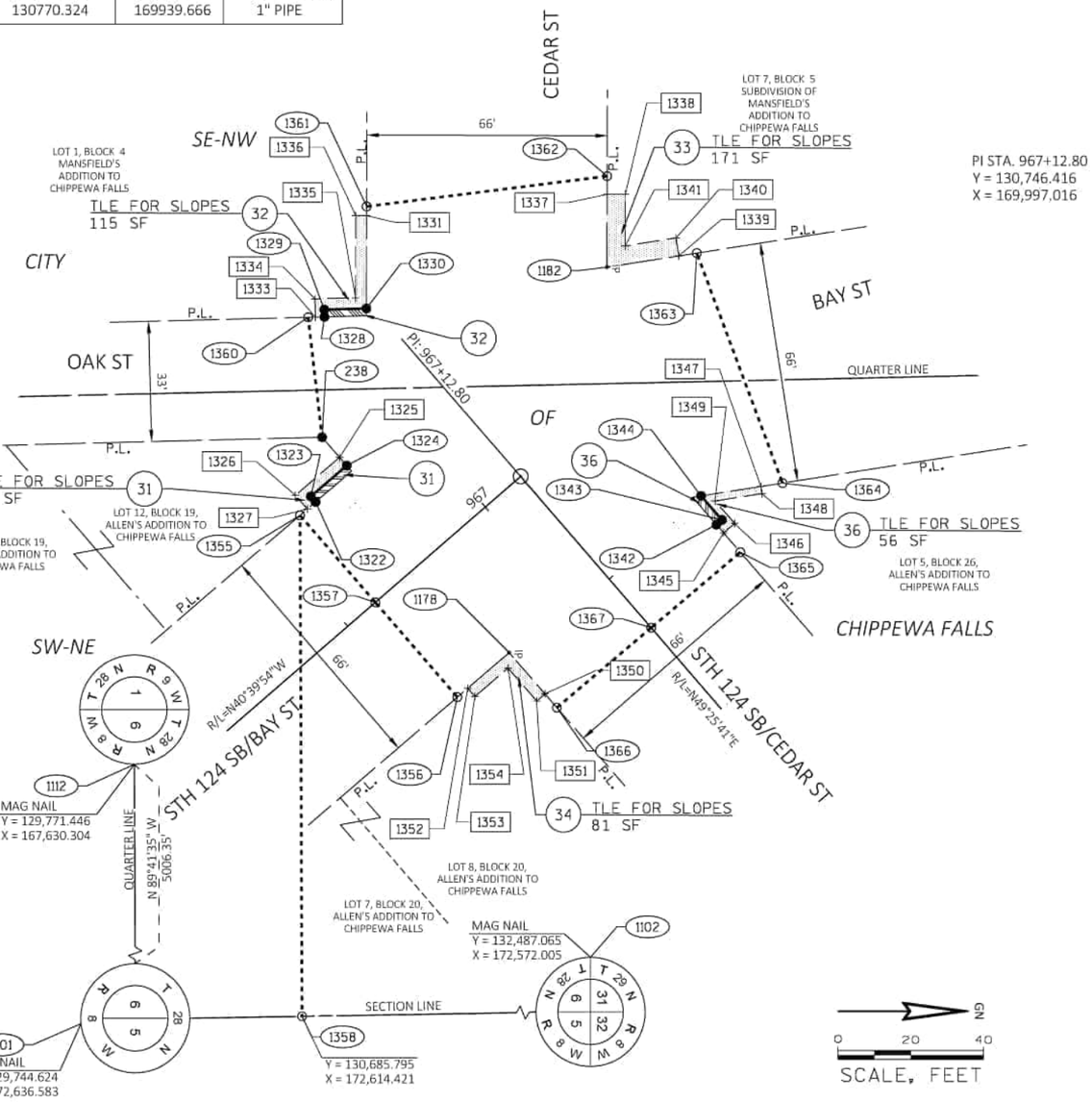
RELOCATION ORDER STH 124 C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

930321
RECORDED ON
03/30/2022 11:22 AM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 1
****The above recording information verifies that this document has been electronically recorded and returned to the submitter.****

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.05
SHEET 1 OF 1



TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
1325	966+78.68	36.52'
1326	966+62.68	36.59'
1327	966+62.68	31.59'
1331	971+92.12	545.95'
1333	966+98.85	69.97'
1334	967+02.03	73.83'
1335	967+10.63	66.76'
1336	971+89.85	547.92'
1337	972+45.87	507.19'
1338	972+49.64	503.90'
1339	972+49.72	481.51'
1340	972+52.37	485.75'
1341	972+40.37	493.23'
1345	967+60.95	32.07'
1346	967+60.94	36.07'
1347	967+57.99	48.16'
1348	967+59.69	47.11'
1349	967+52.80	36.05'
1350	967+62.34	33.93'
1351	967+62.35	36.93'
1352	966+63.78	34.42'
1353	966+63.77	37.42'
1354	967+50.35	36.96'

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
238	966+78.67	43.84'
1178	967+47.34	33.97'
1182	972+32.75	492.09'
1322	966+65.68	31.56'
1323	966+65.69	33.58'
1324	966+78.68	33.52'
1328	967+00.78	68.38'
1329	967+02.05	69.93'
1330	967+10.98	62.59'
1342	967+57.95	32.06'
1343	967+57.94	34.06'
1344	967+49.20	34.03'
1355	966+60.03	31.60'
1356	966+60.03	34.40'
1357	966+60.03	0.00'
1360	966+97.31	71.24'
1361	971+93.76	547.84'
1362	972+49.15	510.96'
1363	972+53.97	478.87'
1364	967+61.16	53.26'
1365	967+67.95	32.09'
1366	967+67.34	33.91'
1367	967+67.65	0.00'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
1355 - 1322	N 40°25'40" W	5.65'
1322 - 1323	S 49°34'20" W	2.00'
1323 - 1324	N 40°25'40" W	12.99'
1324 - 238	S 49°15'12" W	10.32'
238 - 1360	S 83°34'10" W	33.14'
1360 - 1328	N 1°14'29" W	4.50'
1328 - 1329	S 88°45'31" W	2.00'
1329 - 1330	N 1°14'15" W	11.56'
1330 - 1361	N 89°36'49" W	28.00'
1361 - 1362	N 6°57'39" W	66.55'
1362 - 1182	S 89°36'49" E	25.00'
1182 - 1363	N 8°40'38" W	25.00'
1363 - 1364	N 69°46'56" E	67.36'
1364 - 1344	S 8°40'38" E	22.64'
1344 - 1343	N 49°15'11" E	8.75'
1343 - 1342	S 40°44'49" E	2.00'
1342 - 1365	N 49°15'11" E	10.00'
1365 - 1367	S 40°02'37" E	32.09'
1367 - 1366	S 40°02'37" E	33.91'
1366 - 1178	S 49°15'11" W	20.00'
1178 - 1356	S 40°25'40" E	18.75'
1356 - 1357	S 49°20'06" W	34.40'
1357 - 1355	S 49°20'06" W	31.60'
1102 - 1101	S 1°20'56" E	2743.20'
1101 - 1358	N 1°20'56" W	941.43'
1358 - 1355	S 90°00'00" W	2606.99'

NOTES:

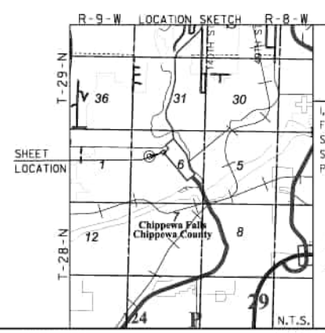
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929908.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS, PLOT OF MANSFIELD'S ADDITION TO CHIPPEWA FALLS AND SUBDIVISION OF MANSFIELD'S ADDITION TO CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.



AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DONALD J. BUZA S-2338 CLUSTER, WI LAND SURVEYOR

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE 03/30/2022
PRINT NAME: RICHARD J. RUBENZER

FILE NAME : 86100224-4.01.DWG
APPRAISAL PLAT DATE : 11/08/2021
PLOT DATE : 1/4/2022 10:00 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

8610-02-24-4.05

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.06

PART OF LOT 12, BLOCK 20 AND PART OF BLOCK 21 IN THE PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS, IN THE SW 1/4 OF THE NE 1/4 SECTION 6 AND PART OF LOT 9, BLOCK 25 IN THE PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS, IN THE NW 1/4 OF THE NE 1/4 OF SECTION 6, ALL IN T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124, C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

RIGHT OF WAY CURVE TABLE

FROM - TO	RADIUS	LENGTH	CHORD	CHORD BEARING
821 - 822	43.80'	56.32'	52.52'	N 03°54'06" W

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929908.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: RW PLAT 8610-27-71 AND PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

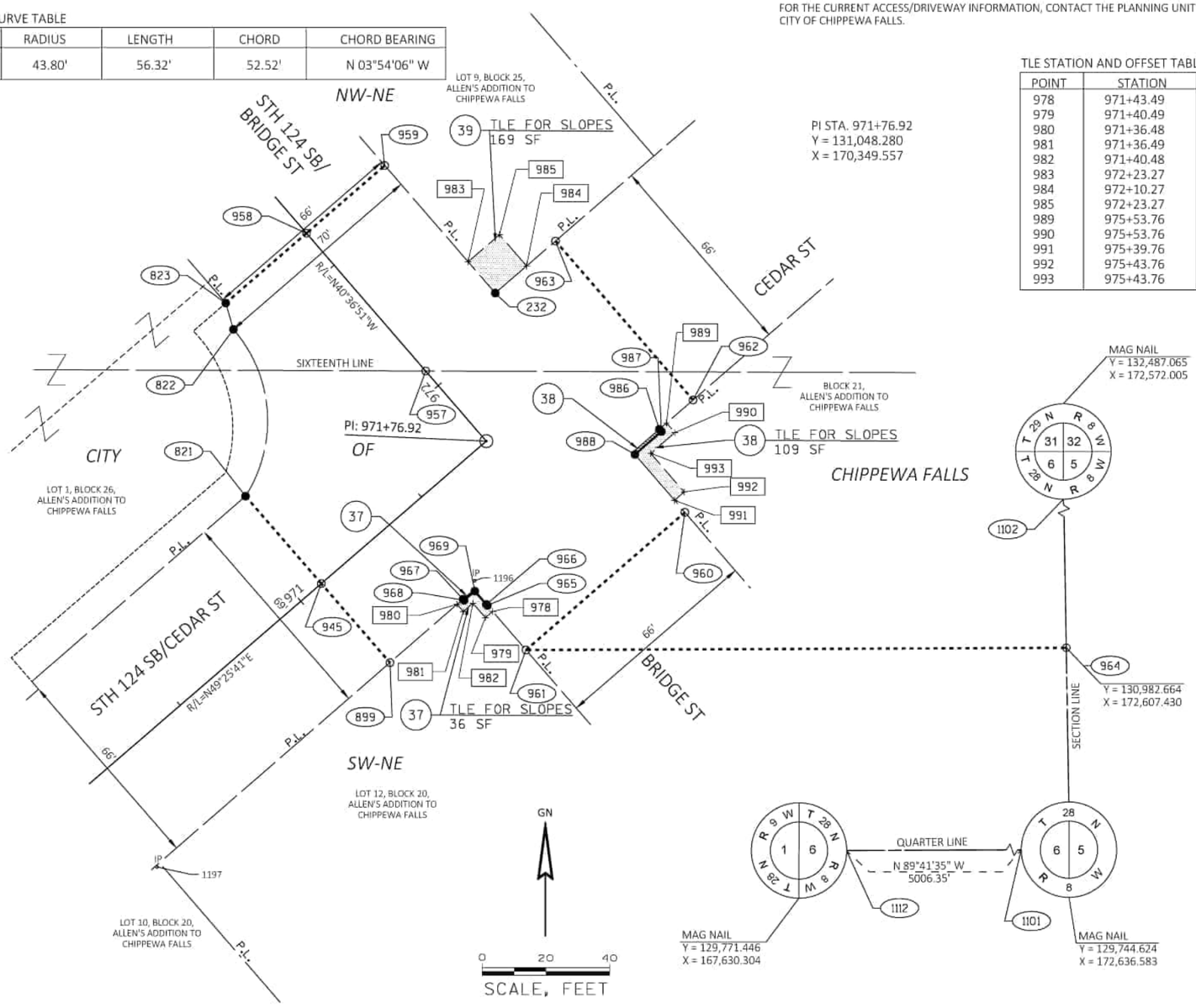
EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1196	131004.467	170345.675	BRASS PLUG SHAFT
1197	130915.032	170245.614	1" PIPE

930371
RECORDED ON
03/31/2022 09:31 AM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 1

****The above recording information verifies that this document has been electronically recorded and returned to the submitter.****

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.06
SHEET 1 OF 1



TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
978	971+43.49	41.76'
979	971+40.49	41.76'
980	971+36.48	32.78'
981	971+36.49	35.78'
982	971+40.48	35.77'
983	972+23.27	32.50'
984	972+10.27	45.51'
985	972+23.27	45.50'
989	975+53.76	363.00'
990	975+53.76	367.00'
991	975+39.76	383.00'
992	975+43.76	383.00'
993	975+43.76	367.00'

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
232	972+10.27	32.51'
821	971+08.41	36.31'
822	972+55.38	37.09'
823	972+63.20	33.53'
899	971+08.58	32.87'
945	971+08.50	0.00'
957	972+06.04	0.00'
958	972+63.22	0.00'
959	972+63.25	32.47'
960	975+39.76	388.00'
961	971+43.50	57.76'
962	975+64.76	363.00'
963	972+10.27	57.51'
965	971+43.49	39.26'
966	971+43.44	38.76'
967	971+38.98	32.78'
968	971+38.98	33.28'
969	971+43.43	33.26'
986	975+50.76	363.00'
987	975+50.76	364.00'
988	975+39.76	364.00'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
961 - 965	N 40°36'34" W	18.50'
965 - 966	N 46°18'22" W	0.50'
966 - 969	N 40°36'34" W	5.50'
969 - 968	S 49°15'11" W	4.45'
968 - 967	N 40°44'49" W	0.50'
967 - 899	S 49°15'11" W	30.41'
899 - 945	N 40°42'19" W	32.87'
945 - 821	N 40°42'19" W	36.31'
821 - 822	SEE CURVE TABLE	
822 - 823	N 16°06'27" W	8.59'
823 - 958	N 49°20'42" E	33.53'
958 - 959	N 49°20'42" E	32.47'
959 - 232	S 40°39'18" E	52.98'
232 - 963	N 49°22'58" E	25.00'
963 - 962	S 40°37'56" E	66.00'
962 - 986	S 49°22'58" W	14.00'
986 - 987	S 40°37'02" E	1.00'
987 - 988	S 49°22'58" W	11.00'
988 - 960	S 40°36'34" E	24.00'
960 - 961	S 49°19'04" W	66.00'
1102 - 964	S 1°20'56" E	1504.82'
964 - 961	S 90°00'00" W	2245.70'
1102 - 1101	S 1°20'56" E	2743.20'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
37	CHIPPEWA COUNTY PARKING LOT - BRIDGE ST	FEE/TLE	3	-----	3	36	-----
38	CHIPPEWA COUNTY COURTHOUSE & JAIL	FEE/TLE	11	-----	11	109	-----
39	FERNE E THALER TRUST	TLE	-----	-----	-----	169	-----

AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI AND SURVEYOR

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE: 03/30/2022
PRINT NAME: RICHARD J. RUBENZER

FILE NAME : 86100224-4.01.DWG
APPRAISAL PLAT DATE : 11/08/2021
PLOT DATE : 1/4/2022 10:00 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

8610-02-24-4.06

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.07

PART OF LOT 12, BLOCK 25, PART OF LOT 12, BLOCK 26 AND PART OF LOT 9, BLOCK 27 OF THE PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS, ALL IN THE NW 1/4 OF THE NE 1/4 OF SECTION 6, T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

930372
RECORDED ON
03/31/2022 09:41 AM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 1

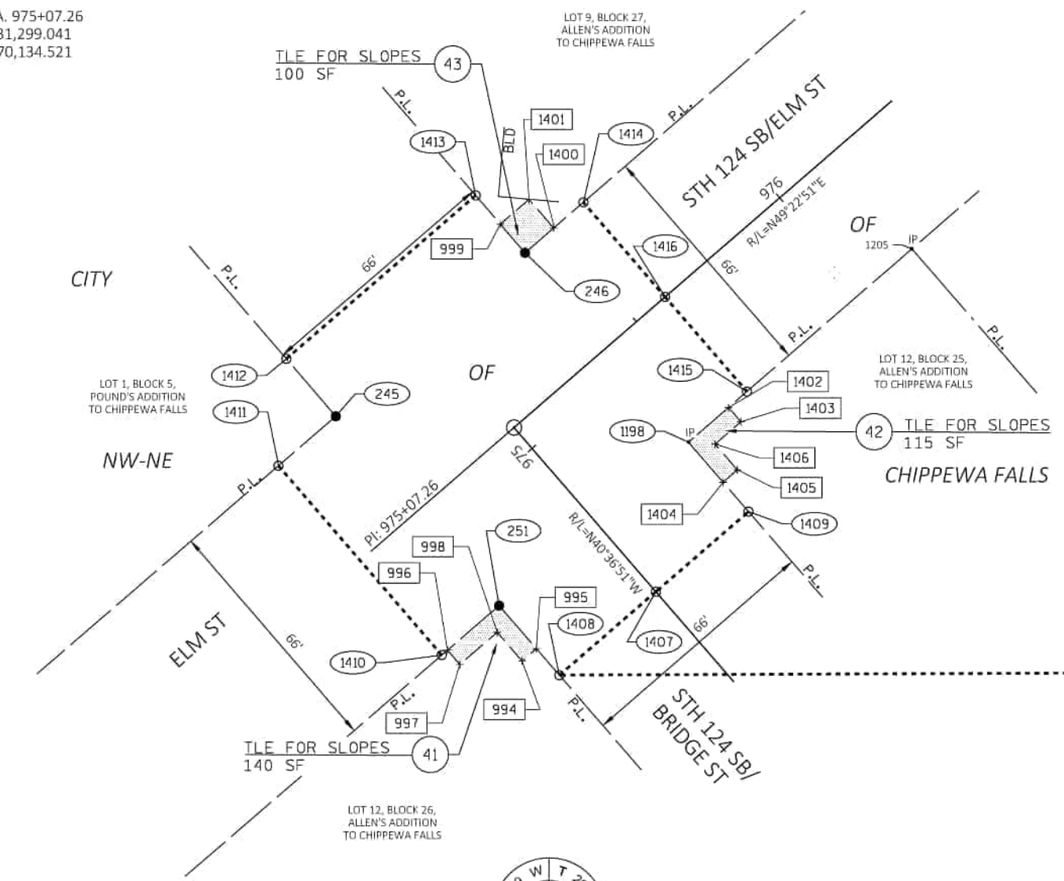
****The above recording information verifies that this document has been electronically recorded and returned to the submitter.****

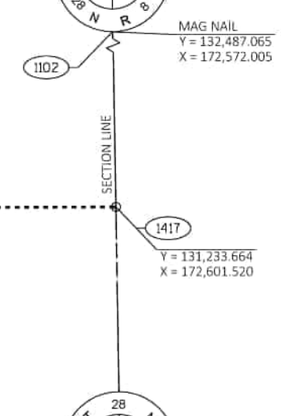
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.07
SHEET 1 OF 1

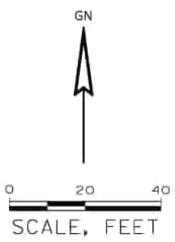
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
41	THOMAS J WOODRUFF	TLE	-----	-----	-----	140	-----
42	DANIEL G & TRICIA L WILKINSON	TLE	-----	-----	-----	115	-----
43	EDWARD SMITH	TLE	-----	-----	-----	100	-----







TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
994	974+59.29	33.67'
995	974+59.28	38.67'
996	974+74.32	51.68'
997	974+69.32	51.68'
998	974+69.29	38.67'
999	975+39.67	42.98'
1400	975+49.64	32.98'
1401	975+49.67	42.98'
1402	975+53.58	33.02'
1403	975+53.58	38.02'
1404	974+60.24	32.33'
1405	974+60.24	37.33'
1406	974+69.24	37.33'

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
245	971+43.03	363.34'
246	975+39.64	32.98'
251	974+74.29	33.68'
1198	974+74.24	32.32'
1407	974+50.00	0.00'
1408	974+50.00	33.66'
1409	974+50.00	32.34'
1410	974+74.32	53.68'
1411	971+23.03	363.35'
1412	971+43.07	383.34'
1413	975+39.69	52.98'
1414	975+60.00	32.98'
1415	975+60.00	33.02'
1416	975+60.00	0.00'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
1408 - 251	N 40°39'18" W	24.29'
251 - 1410	S 49°28'33" W	20.00'
1410 - 1411	N 40°34'01" W	66.00'
1411 - 245	N 49°28'33" E	20.00'
245 - 1412	N 40°28'45" W	20.00'
1412 - 1413	N 49°25'41" E	66.00'
1413 - 246	S 40°28'45" E	20.00'
246 - 1414	N 49°22'49" E	20.36'
1414 - 1416	S 40°37'09" E	32.98'
1416 - 1415	S 40°37'09" E	33.02'
1415 - 1198	S 49°22'49" W	20.42'
1198 - 1409	S 40°39'18" E	24.24'
1409 - 1407	S 49°23'09" W	32.34'
1407 - 1408	S 49°23'09" W	33.66'
1101 - 1417	N 1°20'56" W	1489.45'
1417 - 1408	S 90°00'00" W	2455.28'
1102 - 1417	S 1°20'56" E	1253.75'
1102 - 1101	S 1°20'56" E	2743.20'

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1198	131295.077	170180.607	0.75" REBAR
1205	131345.795	170239.673	1" PIPE

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929908.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: PLAT OF POUND'S ADDITION TO THE CITY OF CHIPPEWA FALLS AND PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE: 03/30/2022
PRINT NAME: RICHARD J. RUBENZER

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
44	IRREVOCABLE TRUST FOR WILLIAM SMITH LAWSON	TLE	-----	-----	-----	120	-----
46	JUDITH L PAUL	FEE/TLE	30	-----	30	42	-----
47	MILLERCOORS USA LLC	TLE	-----	-----	-----	56	-----

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929908.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

TRANSPORTATION PROJECT PLAT NO: 8610-02-24 - 4.08

PART OF LOT 20, BLOCK 25, PART OF LOT 1, BLOCK 27 AND PART OF LOT 2 , BLOCK 28 OF THE PLAT OF ALLEN'S ADDITION TO THE CITY OF CHIPPEWA FALLS IN THE NW 1/4 OF THE NE 1/4 OF SECTION 6, T28N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

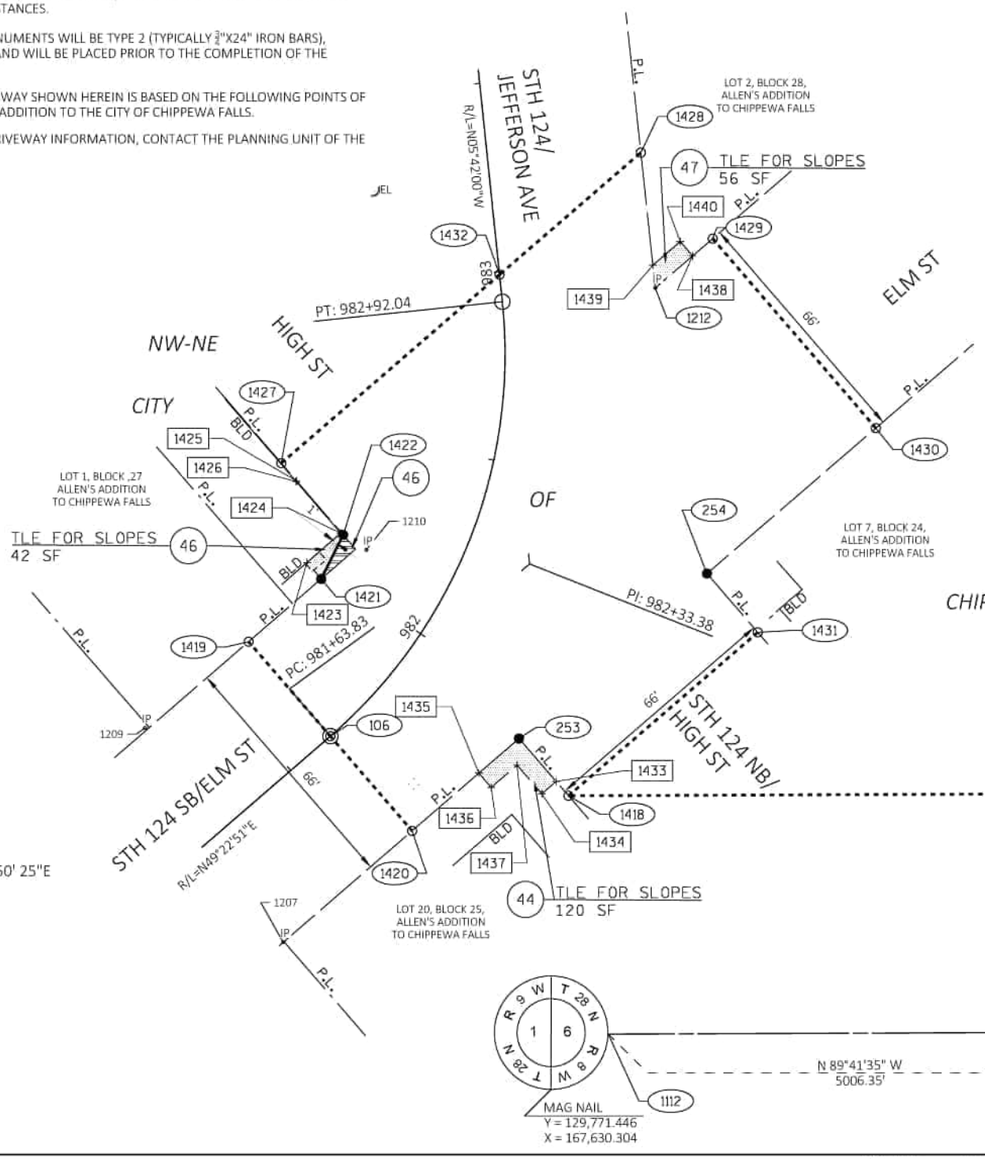
RELOCATION ORDER STH 124 C. CHIPPEWA FALLS, BAY STREET (HIGH STREET TO BRIDGE STREET) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

930373
RECORDED ON
03/31/2022 09:56 AM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 1
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-02-24-4.08
SHEET 1 OF 1



PI STA = 982+33.38
Y = 131771.763
X = 170685.682
DELTA = 55°04'51" LT
D = 42°57'37"
CHORD BEARING= N21° 50' 25"E
CHORD = 123.33
T = 69.55'
L = 128.21'
R = 133.37'
PC STA = 981+63.83
Y = 131726.485
X = 170632.892
PT STA = 982+92.04
Y = 131840.966
X = 170678.774
BK = N49°22'51"E
AH = N05°42'00"W

TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
1423	981+98.70	35.37'
1424	982+13.75	31.72'
1425	982+24.33	48.14'
1426	982+24.09	48.22'
1433	981+90.87	51.81'
1434	981+87.32	50.87'
1435	981+82.38	34.64'
1436	981+81.85	39.59'
1437	981+88.67	41.03'
1438	982+98.90	51.19'
1439	982+97.56	40.50'
1440	983+03.00	48.33'

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
106	981+63.83	0.00'
253	981+93.24	37.15'
254	982+38.10	62.08'
1212	982+91.61	40.51'
1418	981+90.16	56.71'
1419	981+63.83	32.98'
1420	981+63.83	33.02'
1421	981+96.80	29.83'
1422	982+13.59	30.93'
1427	982+28.90	53.69'
1428	983+27.44	40.42'
1429	983+02.89	56.93'
1430	982+66.99	98.69'
1431	982+31.31	79.76'
1432	982+99.25	0.00'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
1418 - 253	N 40°35'15" W	20.00'
253 - 1420	S 49°22'49" W	37.30'
1420 - 106	N 40°37'09" W	33.02'
106 - 1419	N 40°37'09" W	32.98'
1419 - 1421	N 49°22'49" E	25.33'
1421 - 1422	N 26°45'55" E	13.00'
1422 - 1427	N 40°35'15" W	25.00'
1427 - 1432	N 49°24'45" E	76.13'
1432 - 1428	N 49°24'45" E	49.27'
1428 - 1212	S 5°51'14" E	35.96'
1212 - 1429	N 49°29'26" E	20.00'
1429 - 1430	S 40°30'34" E	66.00'
1430 - 254	S 49°29'26" W	58.83'
254 - 1431	S 40°35'15" E	20.50'
1431 - 1418	S 49°24'45" W	66.00'
1101 - 1441	N 1°20'56" W	1966.44'
1441 - 1418	S 90°00'00" W	1894.58'
1441 - 1102	N 1°20'56" W	776.76'
1102 - 1101	S 1°20'56" E	2743.20'

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1207	131672.131	170620.262	1" PIPE
1209	131728.846	170853.968	1" PIPE
1210	131775.609	170642.578	BRASS PLUG
1212	131844.435	170630.296	1" PIPE

GN
0 20 40
SCALE, FEET

R-9-W LOCATION SKETCH R-8-W
T-29-N
T-28-N
SHEET LOCATION
Chippewa Falls
Chippewa County
N.T.S.

AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J BUZA
REGISTRATION NUMBER: S-2338

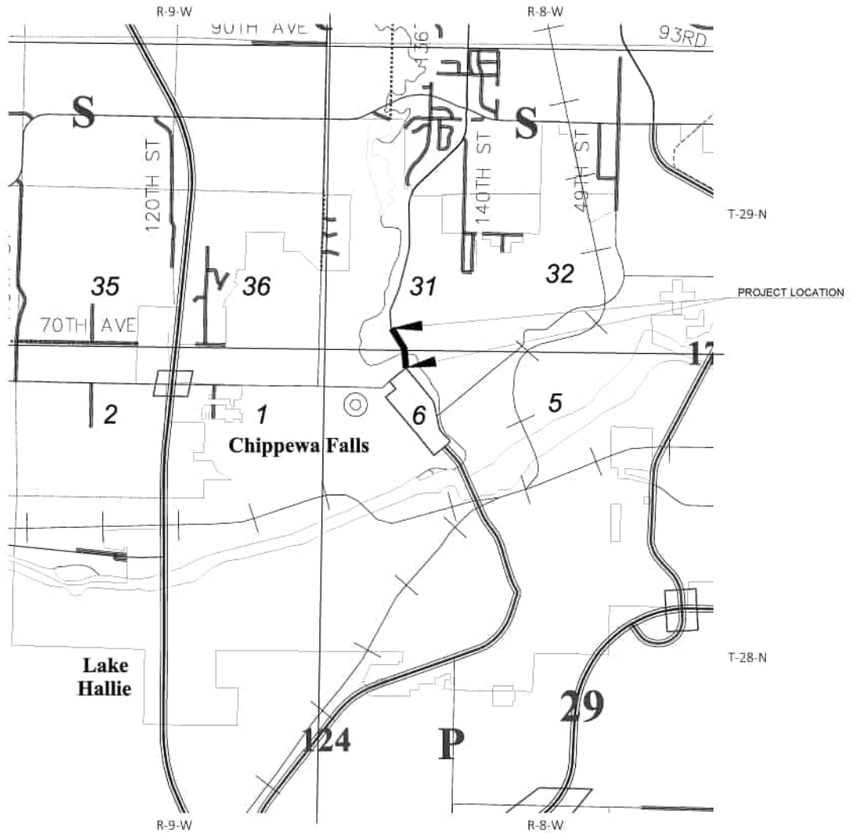
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS

SIGNATURE: Richard J Rubenzer DATE: 03/30/2022
PRINT NAME: RICHARD J. RUBENZER

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

FILE NAME : 86100224-4.01.DWG
APPRAISAL PLAT DATE : 11/08/2021
PLOT DATE : 1/4/2022 10:00 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
8610-08-23
CHIPPEWA FALLS - BLOOMER
ELM STREET - CTH S
STH 124
CHIPPEWA COUNTY



THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 8610-08-23

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE
CULVERT

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED)

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
PARALLEL OFFSETS
8040 R/W POINT NUMBER
8506 TLE/PLE POINT NUMBER

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF CURVATURE	PC
ACRES	AC	POINT OF COMPOUND CURVE	PCC
AHEAD	AH	POINT OF INTERSECTION	PI
ALUMINUM	ALUM	PROPERTY LINE	PL/P.L.
AND OTHERS	ET AL	RECORDED AS	(100')
BACK	BK	REEL / IMAGE	R/I
BLOCK	BLK	REFERENCE LINE	R/L
CENTERLINE	C/L	REMAINING	REM
CERTIFIED SURVEY MAP	CSM	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CONCRETE	CONC	RIGHT	RT
COUNTY	CO	RIGHT OF WAY	R/W
COUNTY TRUNK HIGHWAY	CTH	SECTION	SEC
DISTANCE	DIST	SEPTIC VENT	SEPV
CORNER	COR	SQUARE FEET	SF
DOCUMENT NUMBER	DOC	STATE TRUNK HIGHWAY	STH
EASEMENT	EASE	STATION	STA
EXISTING	EX	TELEPHONE PEDESTAL	TP
FOUND	FND	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		

CURVE DATA ABBREVIATIONS

RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	AH
DIRECTION BACK	BK

CONVENTIONAL UTILITY SYMBOLS

WATER — W —
GAS — G —
TELEPHONE — T —
OVERHEAD TRANSMISSION LINES — OH —
ELECTRIC — E —
CABLE TELEVISION — TV —
FIBER OPTIC — FO —
SANITARY SEWER — SAN —
STORM SEWER — SS —
ELECTRIC TOWER

GN

LAYOUT
SCALE 0 0.5 MI

PROJECT NUMBER	8610-08-23 -4. 01
SHEET	2 OF 2
AMENDMENT NO:	

FILE NAME : 86100823-4.00.DWG
LAYOUT NAME: 01
PLOT DATE : 1/4/2022 9:59 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : _____
8610-08-23-4.01

TRANSPORTATION PROJECT PLAT NO: 8610-08-23 - 4.01

LOCATED IN PART OF LOTS 1 AND 2 OF BLOCK 6 NORTHERN ADDITION TO THE CITY OF CHIPPEWA FALLS AND PART OF THE SW 1/4 OF THE SE 1/4 OF SECTION 31, T29N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 CHIPPEWA FALLS - BLOOMER (ELM STREET - CTH S) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
1	MILLERCOORS USA LLC	TLE	-----	-----	-----	318	-----

TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
594	989+84.00	31.89'
595	990+28.00	29.82'
596	989+84.33	35.87'
597	990+28.00	33.82'
598	990+47.00	29.81'
599	990+47.00	32.81'
600	990+92.00	32.78'
601	990+92.00	29.78'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
1213 - 631	N 89°47'48" W	42.65'
631 - 610	N 89°48'39" W	44.06'
610 - 284	N 26°27'44" W	132.29'
284 - 632	N 56°33'18" E	26.23'
632 - 611	N 56°33'18" E	29.77'
611 - 1213	S 33°28'38" E	179.35'
1110 - 1102	S 89°48'39" E	2631.41'
1102 - 1213	N 89°48'39" W	1941.72'
1110 - 1213	S 89°48'39" E	689.69'

929907
RECORDED ON
03/16/2022 03:44 PM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 2

****The above recording information verifies that this document has been electronically recorded and returned to the submitter.****

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-08-23-4.01
SHEET 1 OF 2

RIGHT OF WAY STATION AND OFFSET TABLE

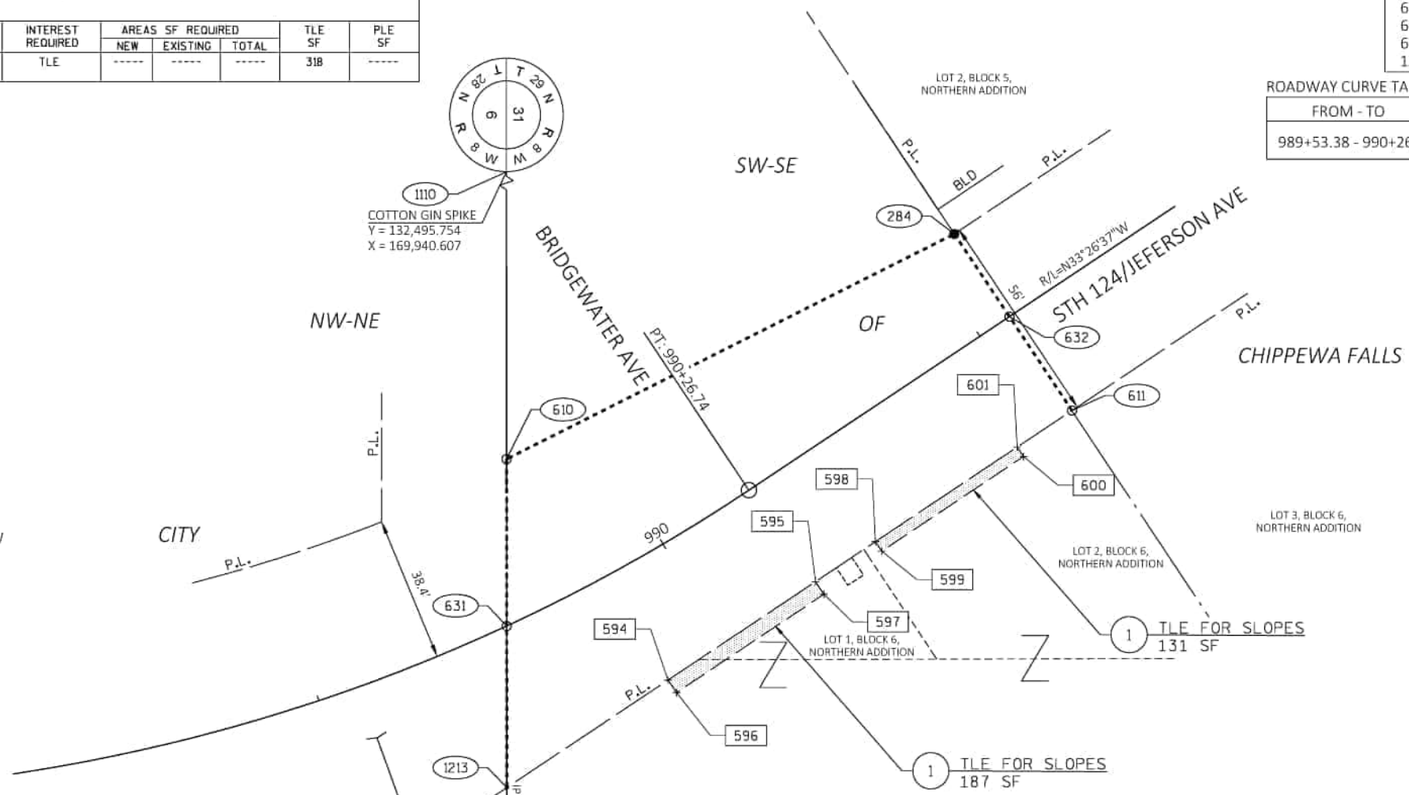
POINT	STATION	OFFSET
284	991+09.38	26.23'
610	989+73.56	39.59'
611	991+09.38	29.77'
631	989+53.38	0.00'
632	991+09.38	0.00'
1213	989+36.81	39.01'

ROADWAY CURVE TABLE

FROM - TO	RADIUS	LENGTH	CHORD	CHORD BEARING
989+53.38 - 990+26.74	477.47'	73.36'	73.29'	N 29°02'31" W

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1213	398128.358	532980.056	1" PIPE



PI STA = 989+13.45
Y = 132459.301
X = 170617.055
DELTA = 27°44'37" LT
D = 12°00'00"
CHORD BEARING= N19° 34' 19"W
CHORD = 228.95'
T = 117.91'
L = 231.20'
R = 477.47'
PC STA = 987+95.54
Y = 132341.972
X = 170628.766
PT STA = 990+26.74
Y = 132557.690
X = 170552.072
BK = N05°42'00"W
AH = N33°26'37"W

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: R/W PLAT U-08-4(18), TPP 8610-07-21, PLAT OF THE NORTHERN ADDITION.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS.
SIGNATURE: Richard J Rubenzer DATE 3/07/2022
PRINT NAME: RICHARD J. RUBENZER

FILE NAME : 86100823-4.01.DWG
APPRAISAL PLAT DATE : 11/08/2021
PLOT DATE : 1/4/2022 10:03 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

TRANSPORTATION PROJECT PLAT NO: 8610-08-23 - 4.02

PART OF LOT 1, BLOCK 1 AND LOT 1, BLOCK 2 NORTHERN ADDITION TO THE CITY OF CHIPPEWA FALLS, LOCATED AND BEING IN PART OF THE SW 1/4 OF THE SE 1/4 OF SECTION 31, T29N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 CHIPPEWA FALLS - BLOOMER (ELM STREET - CTH S) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

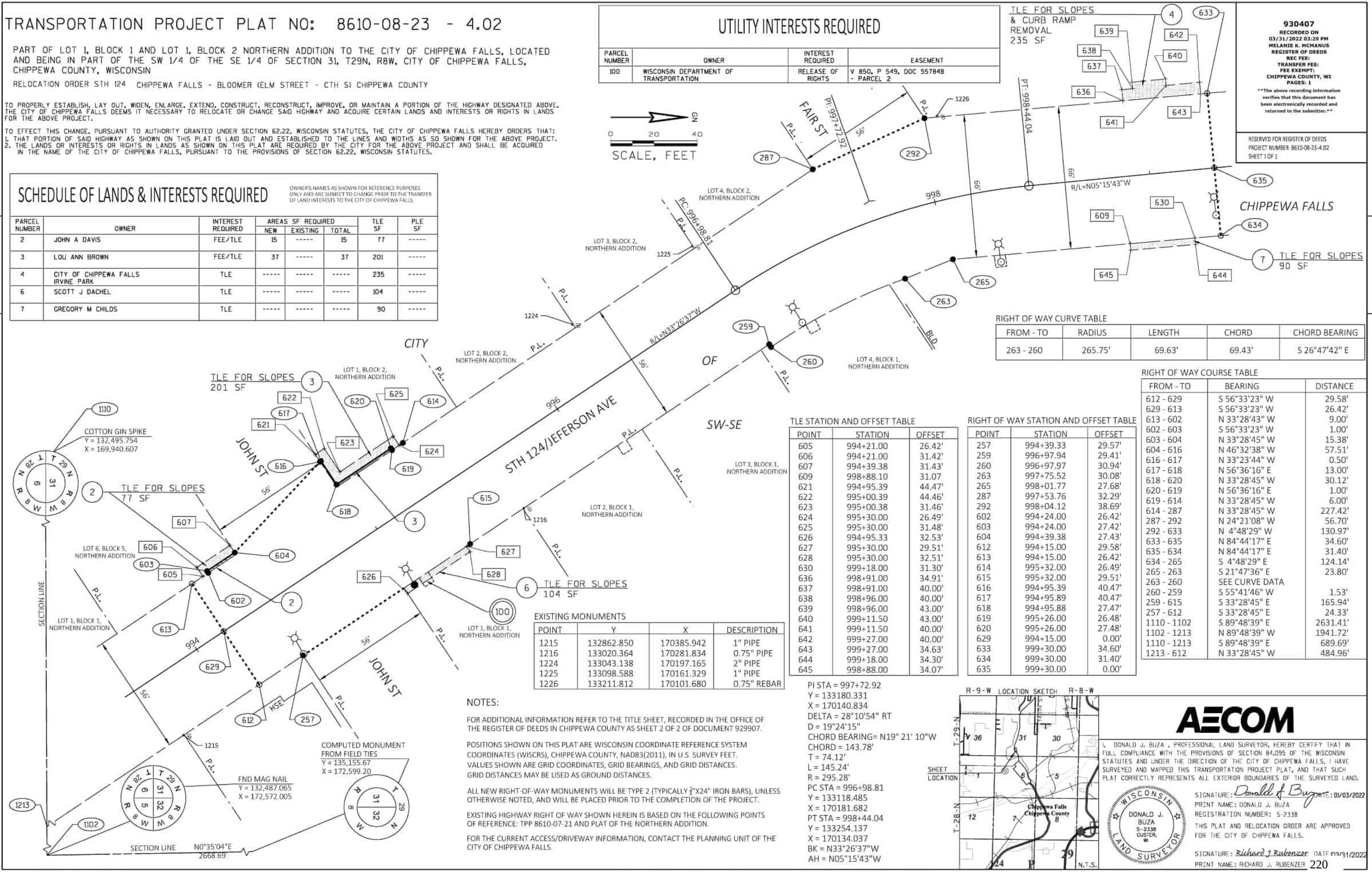
PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
2	JOHN A DAVIS	FEE/TLE	15	-----	15	77	-----
3	LOU ANN BROWN	FEE/TLE	37	-----	37	201	-----
4	CITY OF CHIPPEWA FALLS IRVINE PARK	TLE	-----	-----	-----	235	-----
6	SCOTT J DACHEL	TLE	-----	-----	-----	104	-----
7	GREGORY M CHILDS	TLE	-----	-----	-----	90	-----

UTILITY INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	EASEMENT
100	WISCONSIN DEPARTMENT OF TRANSPORTATION	RELEASE OF RIGHTS	V 850, P 549, DOC 557848 - PARCEL 2

930407
RECORDED ON
03/31/2022 03:20 PM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 1
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-08-23-4.02
SHEET 1 OF 1



RIGHT OF WAY CURVE TABLE

FROM - TO	RADIUS	LENGTH	CHORD	CHORD BEARING
263 - 260	265.75'	69.63'	69.43'	S 26°47'42" E

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
612 - 629	S 56°33'23" W	29.58'
629 - 613	S 56°33'23" W	26.42'
613 - 602	N 33°28'43" W	9.00'
602 - 603	S 56°33'23" W	1.00'
603 - 604	N 33°28'45" W	15.38'
604 - 616	N 46°32'38" W	57.51'
616 - 617	N 33°23'44" W	0.50'
617 - 618	N 56°36'16" E	13.00'
618 - 620	N 33°28'45" W	30.12'
620 - 619	N 56°36'16" E	1.00'
619 - 614	N 33°28'45" W	6.00'
614 - 287	N 33°28'45" W	227.42'
287 - 292	N 24°21'08" W	56.70'
292 - 633	N 4°48'29" W	130.97'
633 - 635	N 84°44'17" E	34.60'
635 - 634	N 84°44'17" E	31.40'
634 - 265	S 4°48'29" E	124.14'
265 - 263	S 21°47'36" E	23.80'
263 - 260	SEE CURVE DATA	
260 - 259	S 55°41'46" W	1.53'
259 - 615	S 33°28'45" E	165.94'
257 - 612	S 33°28'45" E	24.33'
1110 - 1102	S 89°48'39" E	2631.41'
1102 - 1213	N 89°48'39" W	1941.72'
1110 - 1213	S 89°48'39" E	689.69'
1213 - 612	N 33°28'45" W	484.96'

TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
605	994+21.00	26.42'
606	994+21.00	31.42'
607	994+39.38	31.43'
609	998+88.10	31.07
621	994+95.39	44.47'
622	995+00.39	44.46'
623	995+00.38	31.46'
624	995+30.00	26.49'
625	995+30.00	31.48'
626	994+95.33	32.53'
627	995+30.00	29.51'
628	995+30.00	32.51'
630	999+18.00	31.30'
636	998+91.00	34.91'
637	998+91.00	40.00'
638	998+96.00	40.00'
639	998+96.00	43.00'
640	999+11.50	43.00'
641	999+11.50	40.00'
642	999+27.00	40.00'
643	999+27.00	34.63'
644	999+18.00	34.30'
645	998+88.00	34.07'

RIGHT OF WAY STATION AND OFFSET TABLE

POINT	STATION	OFFSET
257	994+39.33	29.57'
259	996+97.94	29.41'
260	996+97.97	30.94'
263	997+75.52	30.08'
265	998+01.77	27.68'
287	997+53.76	32.29'
292	998+04.12	38.69'
602	994+24.00	26.42'
603	994+24.00	27.42'
604	994+39.38	27.43'
612	994+15.00	29.58'
613	994+15.00	26.42'
614	995+32.00	26.49'
615	995+32.00	29.51'
616	994+95.39	40.47'
617	994+95.89	40.47'
618	994+95.88	27.47'
619	995+26.00	26.48'
620	995+26.00	27.48'
629	994+15.00	0.00'
633	999+30.00	34.60'
634	999+30.00	31.40'
635	999+30.00	0.00'

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1215	132862.850	170385.942	1" PIPE
1216	133020.364	170281.834	0.75" PIPE
1224	133043.138	170197.165	2" PIPE
1225	133098.588	170161.329	1" PIPE
1226	133211.812	170101.680	0.75" REBAR

PI STA = 997+72.92
Y = 133180.331
X = 170140.834
DELTA = 28°10'54" RT
D = 19°24'15"
CHORD BEARING= N19° 21' 10"W
CHORD = 143.78'
T = 74.12'
L = 145.24'
R = 295.28'
PC STA = 996+98.81
Y = 133118.485
X = 170181.682
PT STA = 998+44.04
Y = 133254.137
X = 170134.037
BK = N33°26'37"W
AH = N05°15'43"W

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929907.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: TPP 8610-07-21 AND PLAT OF THE NORTHERN ADDITION.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS.
SIGNATURE: Richard J Rubenzer DATE: 03/31/2022
PRINT NAME: RICHARD J. RUBENZER

FILE NAME : 86100823-4.01.DWG
APPRAISAL PLAT DATE : 11/08/2021
PLOT DATE : 1/4/2022 10:03 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
8610-08-23-4.02

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES AS SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF CHIPPEWA FALLS.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS SF REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
8	RICHARD H LOWATER II	TLE	-----	-----	-----	158	-----
9	RANDY L & MARSHA J FLIEHR	TLE	-----	-----	-----	30	-----

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CHIPPEWA COUNTY AS SHEET 2 OF 2 OF DOCUMENT 929907.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), CHIPPEWA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$"X24" IRON BARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: PLAT OF FAIR TERRACE ADDITION AND PLAT OF NORTH CHIPPEWA.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF CHIPPEWA FALLS.

TRANSPORTATION PROJECT PLAT NO: 8610-08-23 - 4.03

PART OF LOT 8, BLOCK 1, FAIR TERRACE ADDITION, IN THE NW 1/4 OF THE SE 1/4 AND PART OF LOT 11, BLOCK 7, NORTH CHIPPEWA ADDITION TO THE CITY OF CHIPPEWA FALLS, IN THE SW 1/4 OF THE NE 1/4 OF SECTION 31, T29N, R8W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN

RELOCATION ORDER STH 124 CHIPPEWA FALLS - BLOOMER (ELM STREET - CTH S) CHIPPEWA COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF CHIPPEWA FALLS DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

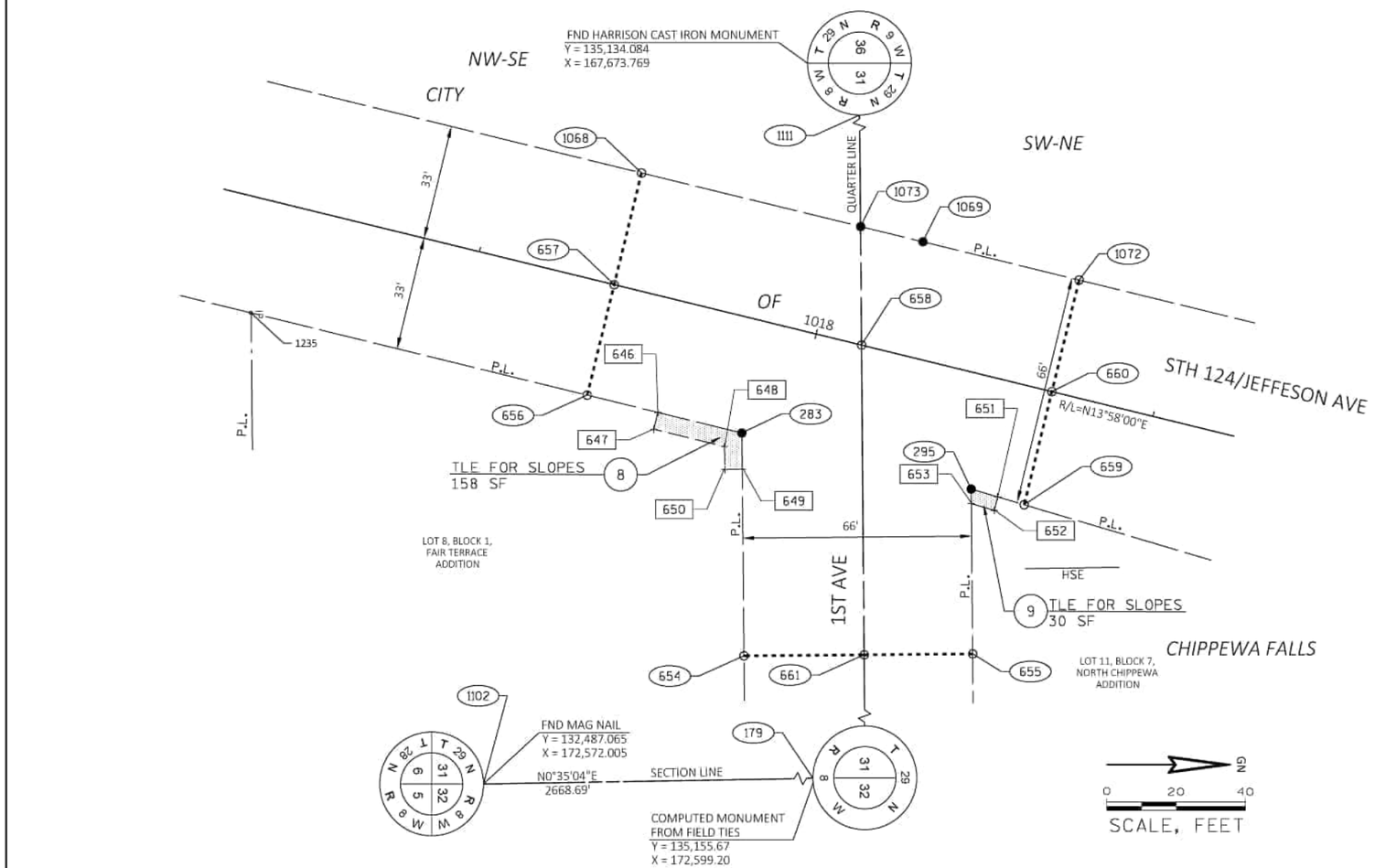
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF CHIPPEWA FALLS HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF CHIPPEWA FALLS, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

930408
RECORDED ON
03/31/2022 03:34 PM
MELANIE K. MCMANUS
REGISTER OF DEEDS
REC FEE:
TRANSFER FEE:
FEE EXEMPT:
CHIPPEWA COUNTY, WI
PAGES: 1

****The above recording information verifies that this document has been electronically recorded and returned to the submitter.****

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 8610-08-23-4.03
SHEET 1 OF 1



TLE STATION AND OFFSET TABLE

POINT	STATION	OFFSET
646	1017+61.00	32.83'
647	1017+61.00	37.83'
648	1017+82.00	37.83'
649	1017+88.54	43.00'
650	1017+83.69	44.23'
651	1018+62.00	33.23'
652	1018+62.00	37.23'
653	1018+55.09	36.90'

RIGHT OF WAY STATION AND OFFSET TABLE

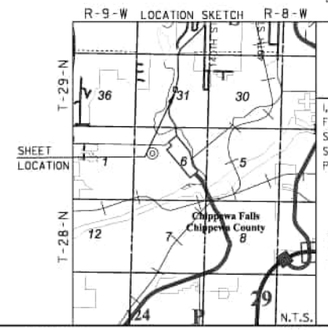
POINT	STATION	OFFSET
283	1017+85.95	32.83'
295	1018+54.06	32.84'
654	1018+01.80	95.16'
655	1018+65.78	78.95'
656	1017+40.00	32.82'
657	1017+40.00	0.00'
658	1018+13.49	0.00'
659	1018+70.00	33.62'
660	1018+70.00	0.00'
661	1018+35.44	86.63'
1068	1018+40.00	33.18'
1069	1018.+23.60	33.16'
1072	1018+70.00	33.15'
1073	1018+05.09	33.16'

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
661 - 654	S 0°15'04" E	34.70'
654 - 283	S 89°42'01" W	64.31'
283 - 656	S 13°58'36" W	45.95'
656 - 657	N 76°02'00" W	32.82'
657 - 1068	N 76°02'00" W	33.18'
1068 - 1073	N 13°58'36" E	65.09'
1073 - 1069	N 13°58'36" E	18.51'
1069 - 1072	N 13°58'36" E	46.40'
1072 - 660	S 76°02'00" E	33.15'
660 - 659	S 76°02'00" E	33.62'
659 - 295	S 16°44'39" W	15.96'
295 - 655	N 89°42'01" E	47.57'
655 - 661	S 0°15'04" E	31.30'
179 - 661	S 89°44'56" W	1965.48'
661 - 658	S 89°44'56" W	89.37'
658 - 1073	S 89°44'56" W	34.21'
1111 - 1073	N 89°44'56" E	2836.42'
1111 - 179	N 89°44'56" E	4925.48'
1102 - 179	N 0°35'02" E	2668.74'

EXISTING MONUMENTS

POINT	Y	X	DESCRIPTION
1235	134970.417	170534.342	2" PIPE



AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF CHIPPEWA FALLS, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DONALD J. BUZA S-2338 CUSTER, WI LAND SURVEYOR

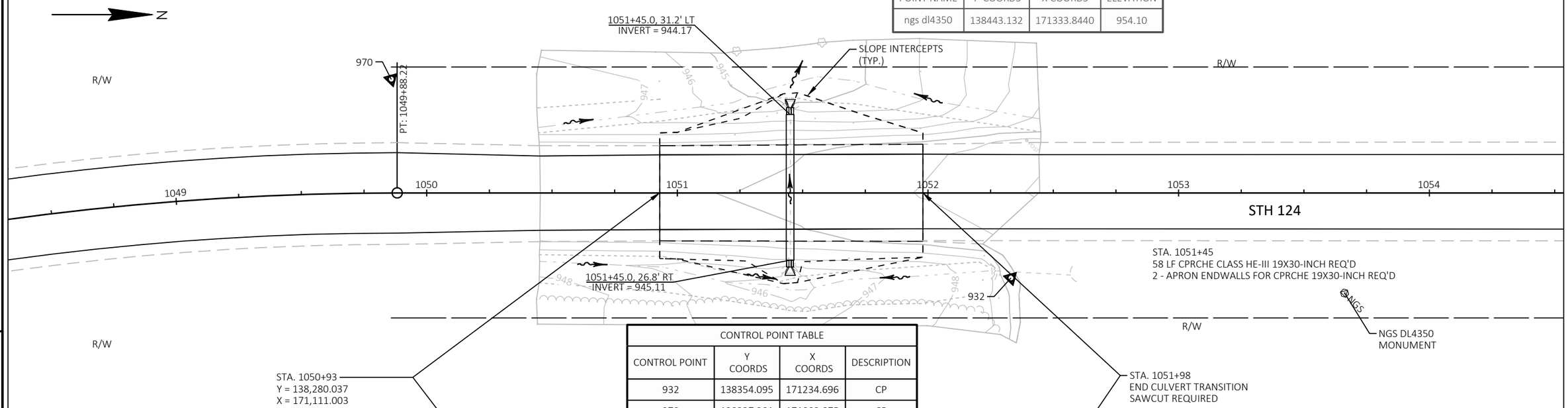
SIGNATURE: Donald J Buza DATE: 01/03/2022
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF CHIPPEWA FALLS.

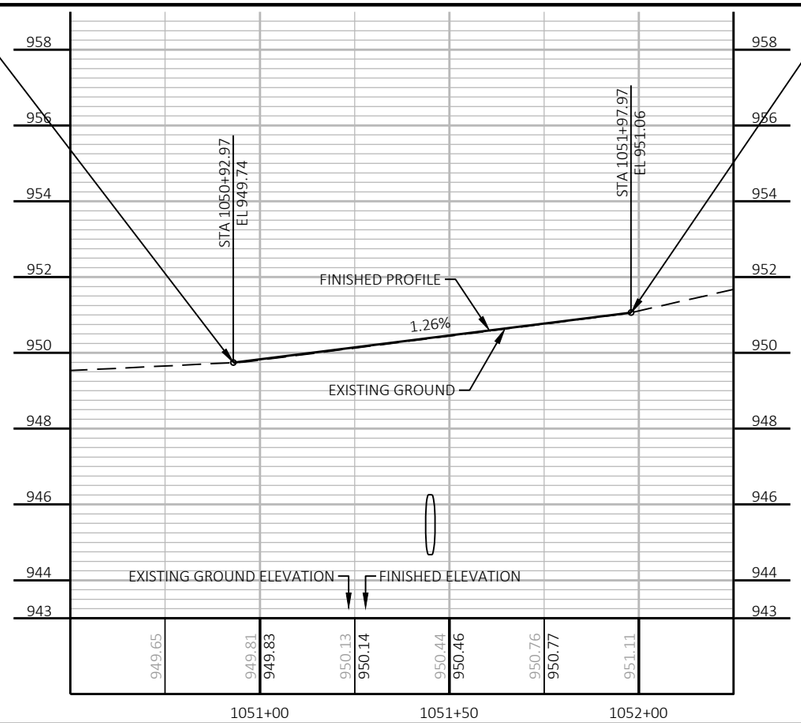
SIGNATURE: Richard J Rubenzer DATE: 03/30/2022
PRINT NAME: RICHARD J. RUBENZER

FILE NAME : 86100823-4.01.DWG
APPRAISAL PLAT DATE : 11/08/2021
PLOT DATE : 1/4/2022 10:03 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

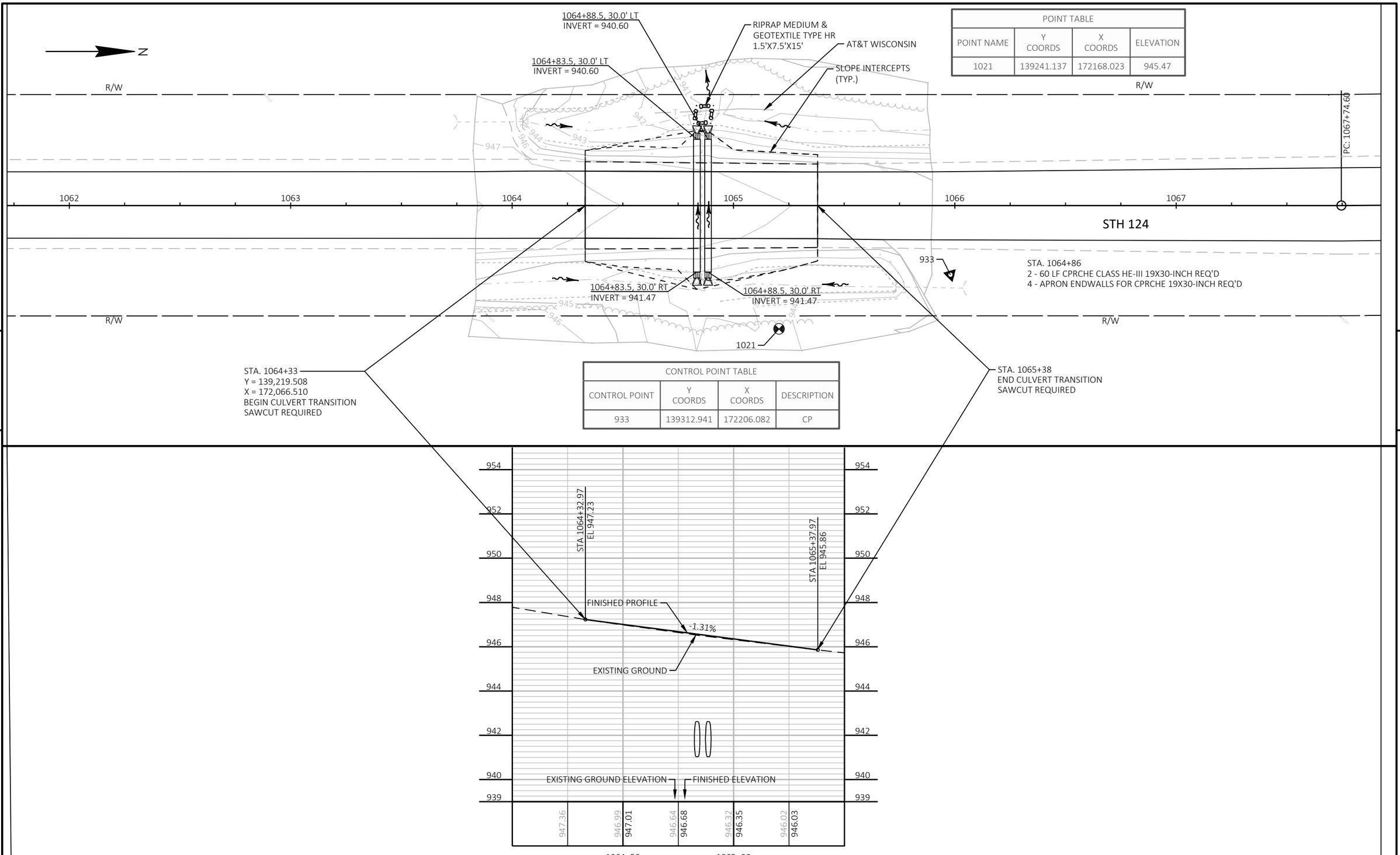
POINT TABLE			
POINT NAME	Y COORDS	X COORDS	ELEVATION
ngs dl4350	138443.132	171333.8440	954.10



CONTROL POINT TABLE			
CONTROL POINT	Y COORDS	X COORDS	DESCRIPTION
932	138354.095	171234.696	CP
970	138237.201	171002.875	CP



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN AND PROFILE: STH 124	SHEET 222	E



POINT TABLE			
POINT NAME	Y COORDS	X COORDS	ELEVATION
1021	139241.137	172168.023	945.47

CONTROL POINT TABLE			
CONTROL POINT	Y COORDS	X COORDS	DESCRIPTION
933	139312.941	172206.082	CP

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN AND PROFILE: STH 124	SHEET 223	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050101-PP.DWG
LAYOUT NAME - 02
PLOT DATE : 7/16/2024 12:40 PM PLOT BY : SYLVESTER, MORGAN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

N

R/W

R/W

R/W

STH 124

PI: 0+00.00
BP: 0+00.00
PI: 0+02.08
PI: 0+18.39
PI: 0+30.08
PI: 0+30.08
PI: 0+60.14
EP: 0+65.38

SLOPE INTERCEPTS
(TYP.)

1070
BP: 10+00.00
PI: 10+36.11
PI: 10+25.83
EP: 10+60.65
PI: 10+47.38

POINT TABLE			
POINT NAME	Y COORDS	X COORDS	ELEVATION
1022	139619.159	172548.691	942.45

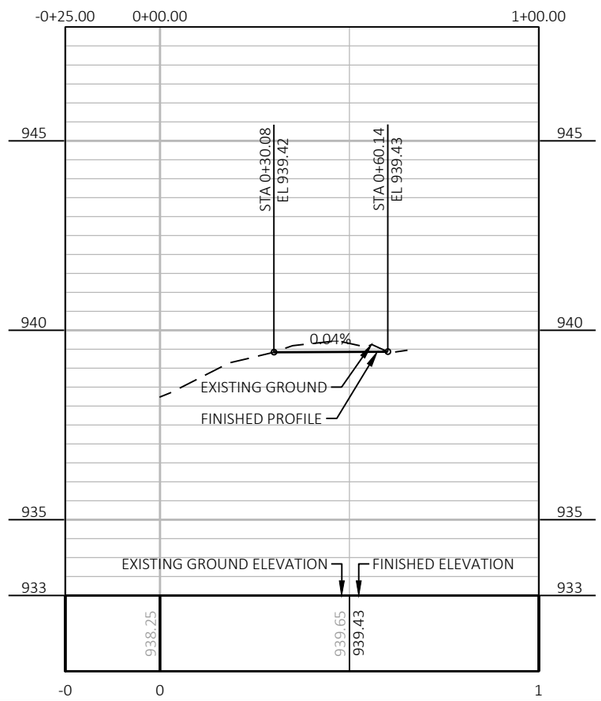
934

1022

CONTROL POINT TABLE			
CONTROL POINT	Y COORDS	X COORDS	DESCRIPTION
934	139724.528	172562.383	CP

5

5

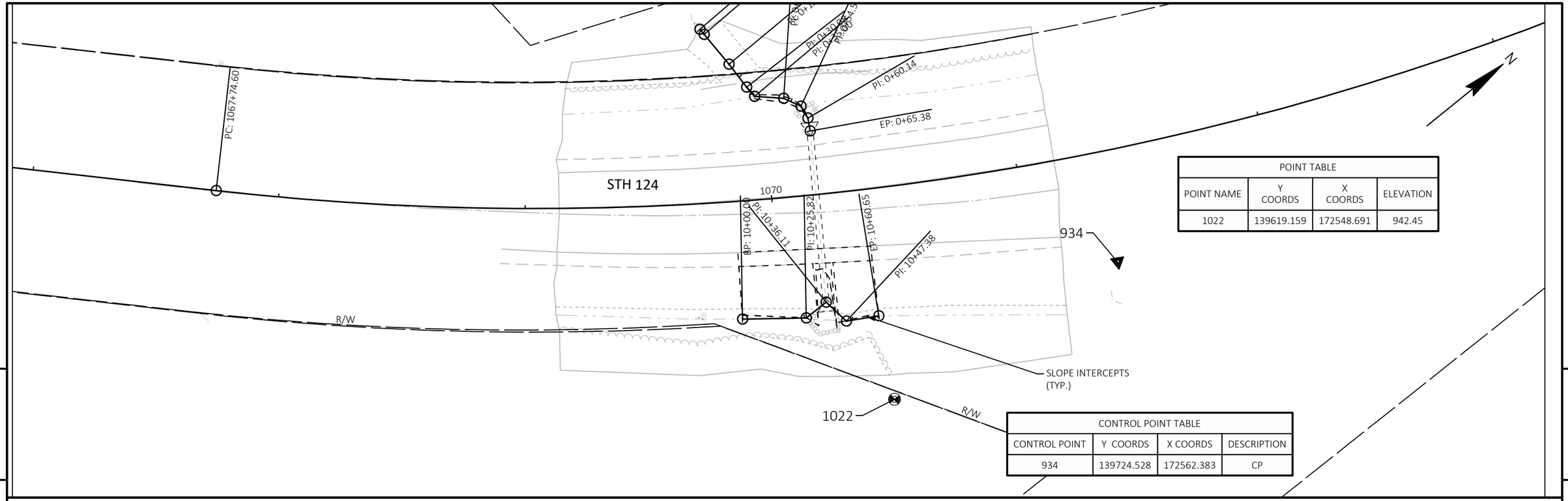


PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN AND PROFILE: 1070 DITCHLINE LT	SHEET 224	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050102-PP.DWG
LAYOUT NAME - 01

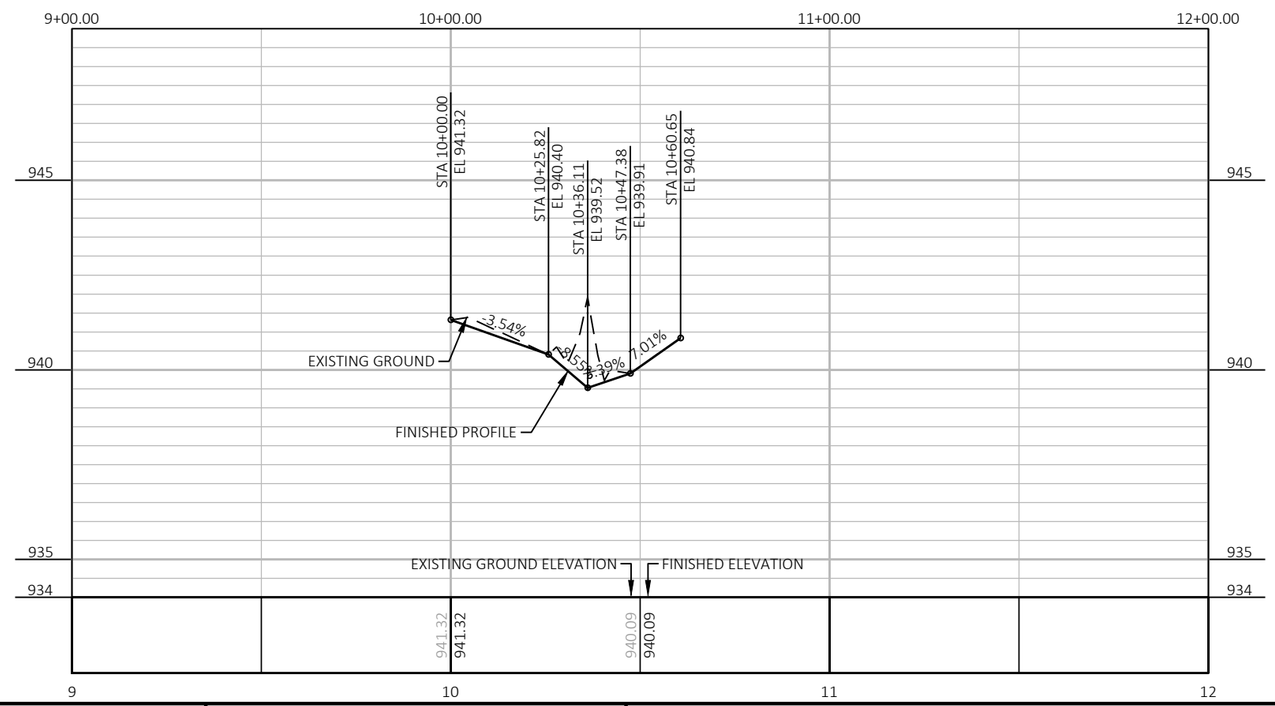
PLOT DATE : 7/16/2024 12:58 PM PLOT BY : SYLVESTER, MORGAN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



POINT TABLE			
POINT NAME	Y COORDS	X COORDS	ELEVATION
1022	139619.159	172548.691	942.45

CONTROL POINT TABLE			
CONTROL POINT	Y COORDS	X COORDS	DESCRIPTION
934	139724.528	172562.383	CP

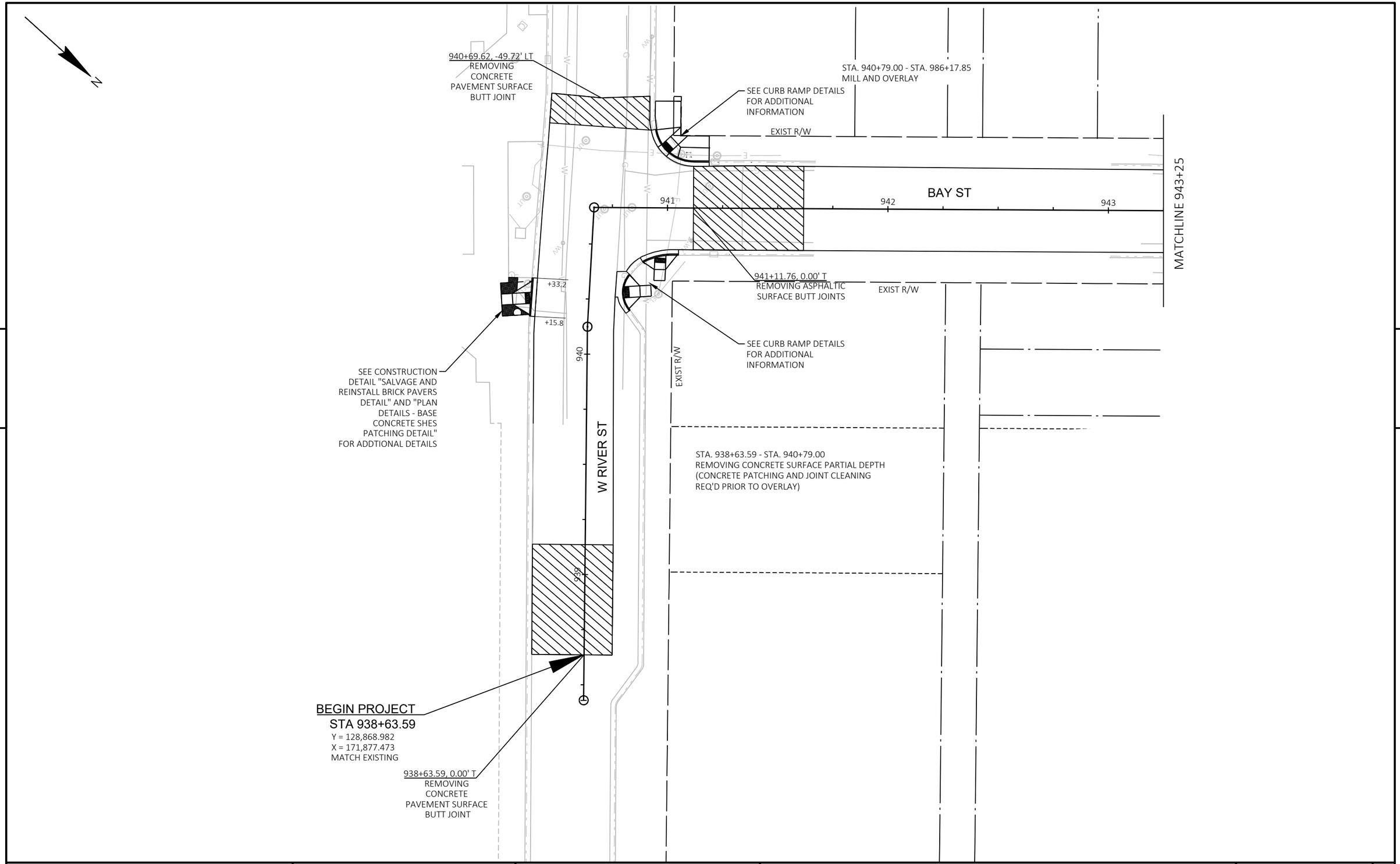


PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN AND PROFILE: 1070 DITCHLINE RT	SHEET 225	E

FILE NAME : C:\ONEDRIVE\AECOM\LARSON, ZACH - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050102-PP.DWG
LAYOUT NAME - 02

PLOT DATE : 7/16/2024 12:59 PM PLOT BY : SYLVESTER, MORGAN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



5

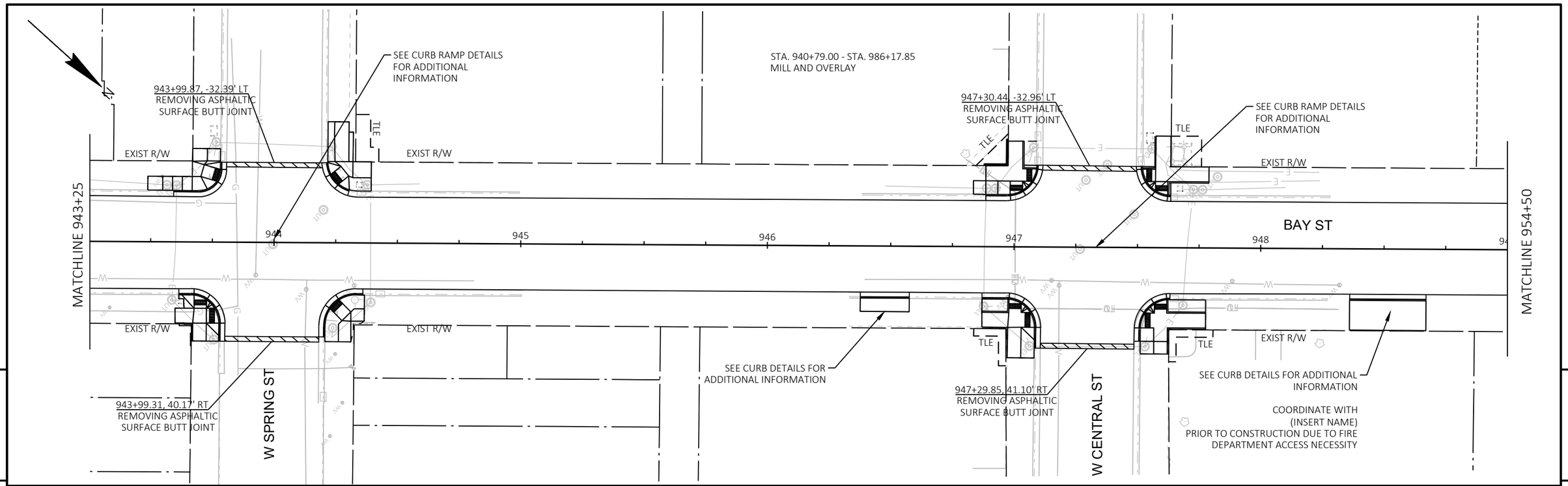
5

PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 226	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 01

PLOT DATE : 7/10/2024 6:56 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : ##N#A#H##

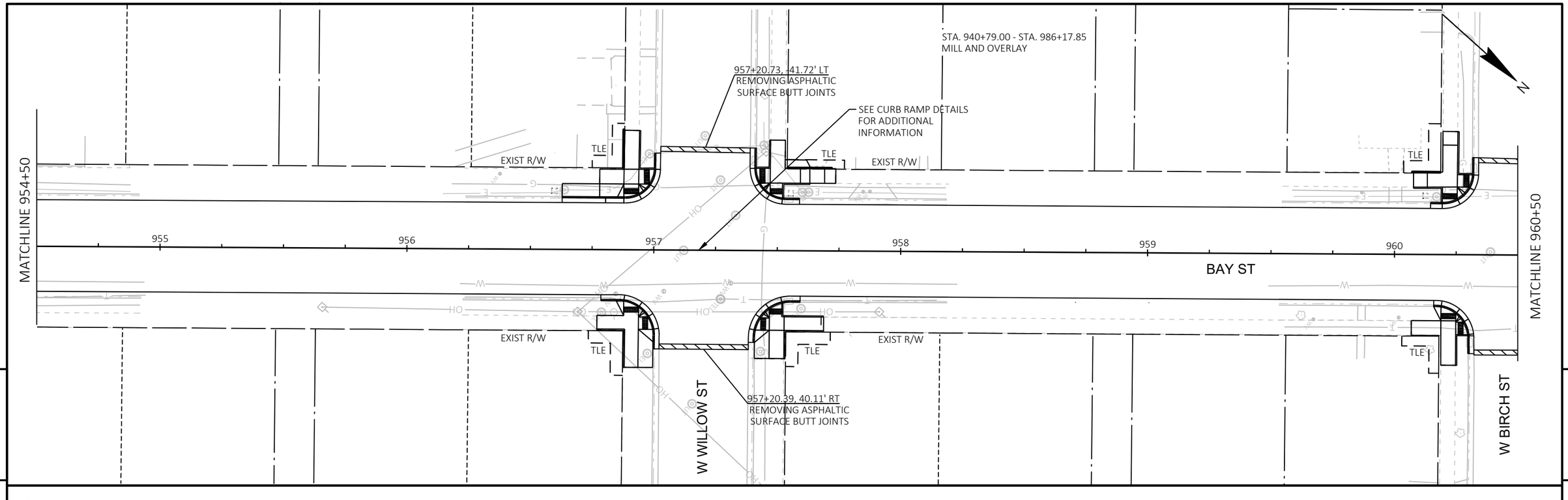
WISDOT/CADDS SHEET 44

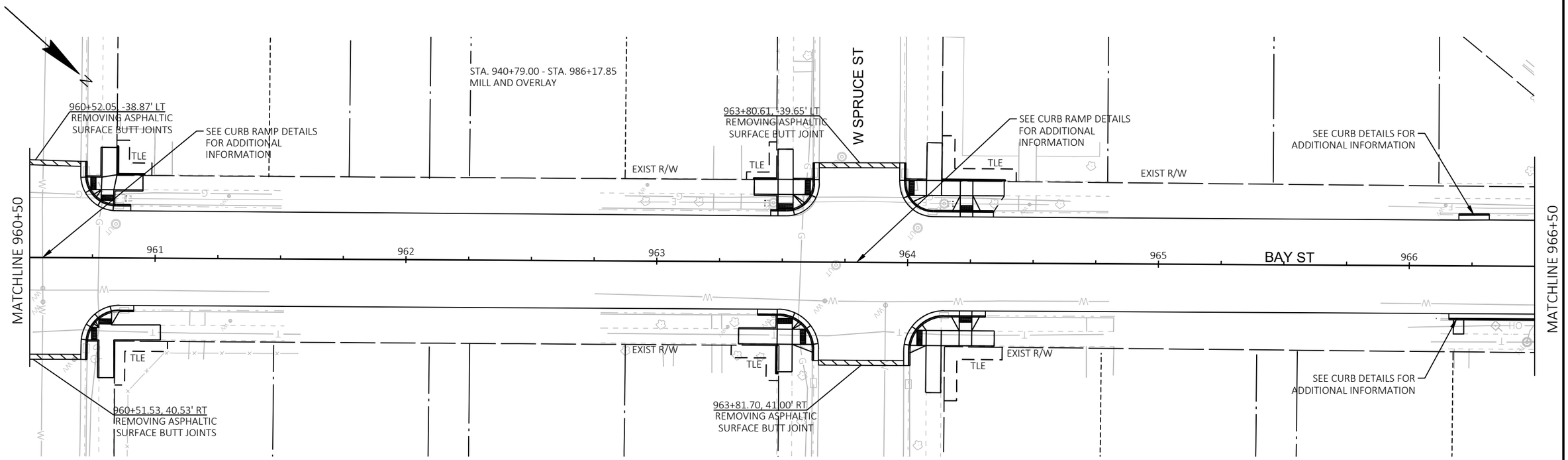


PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 227	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 02
PLOT DATE : 7/10/2024 6:56 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : ##########

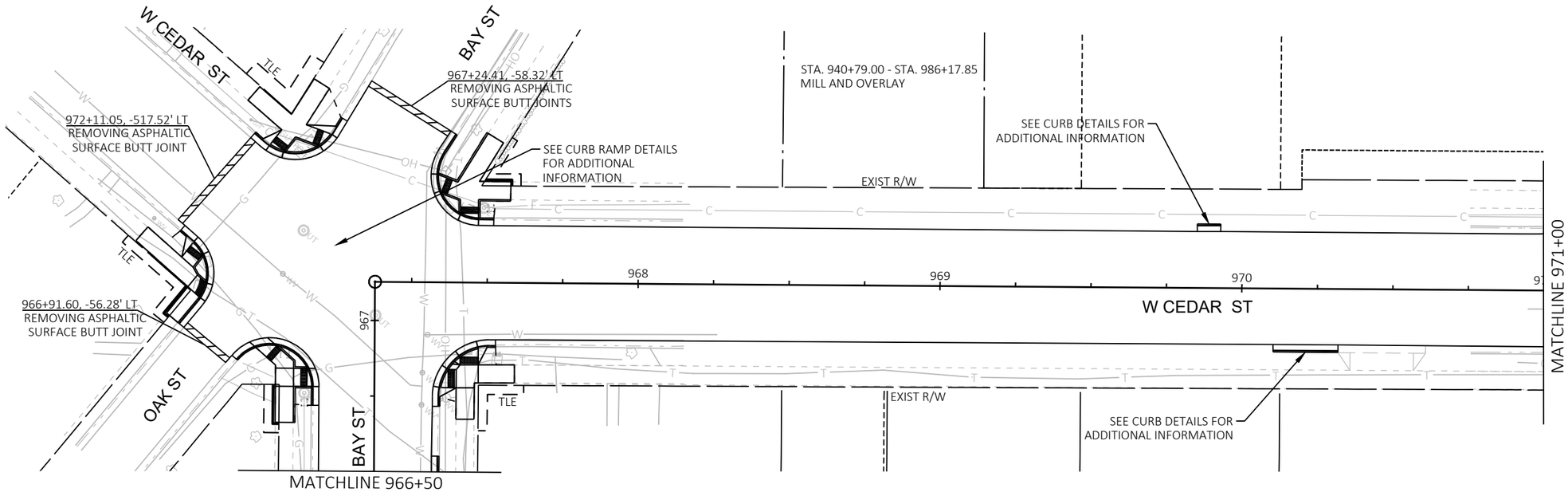
WISDOT/CADDS SHEET 44

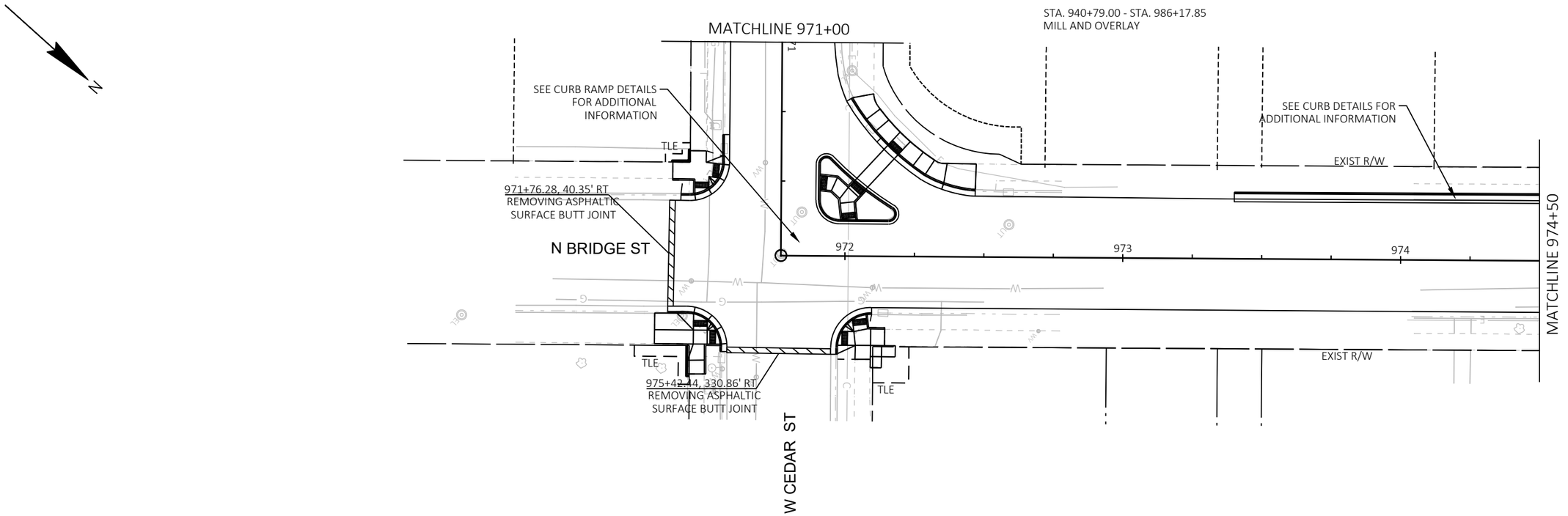




PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 228	E

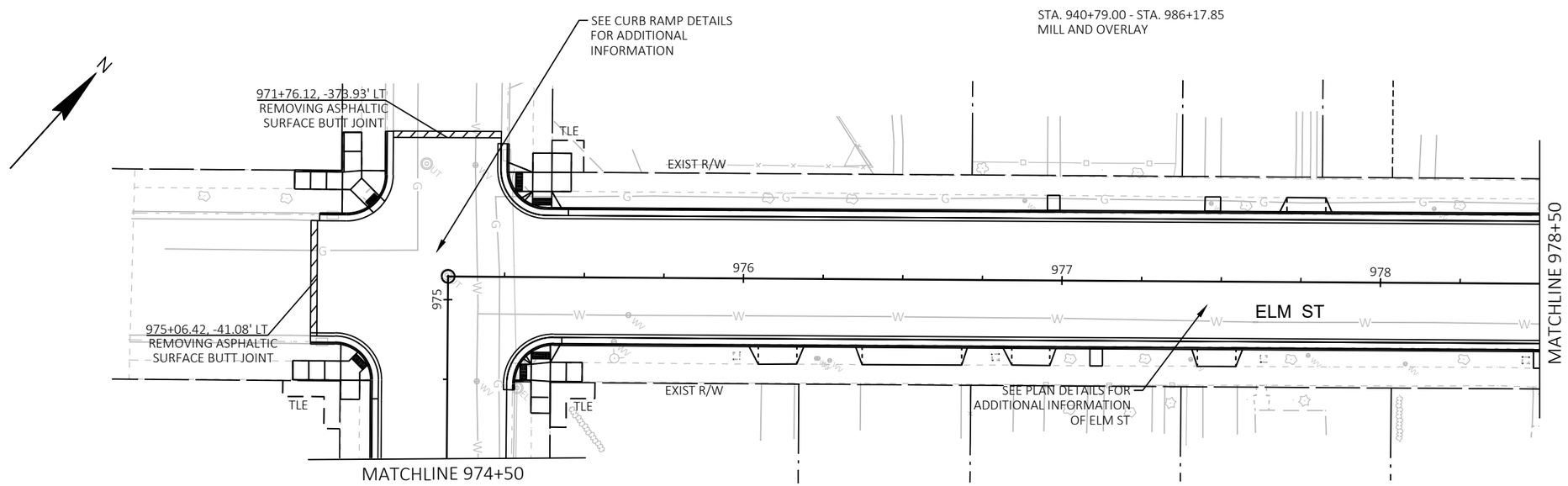
FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 03
PLOT DATE : 7/10/2024 6:57 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

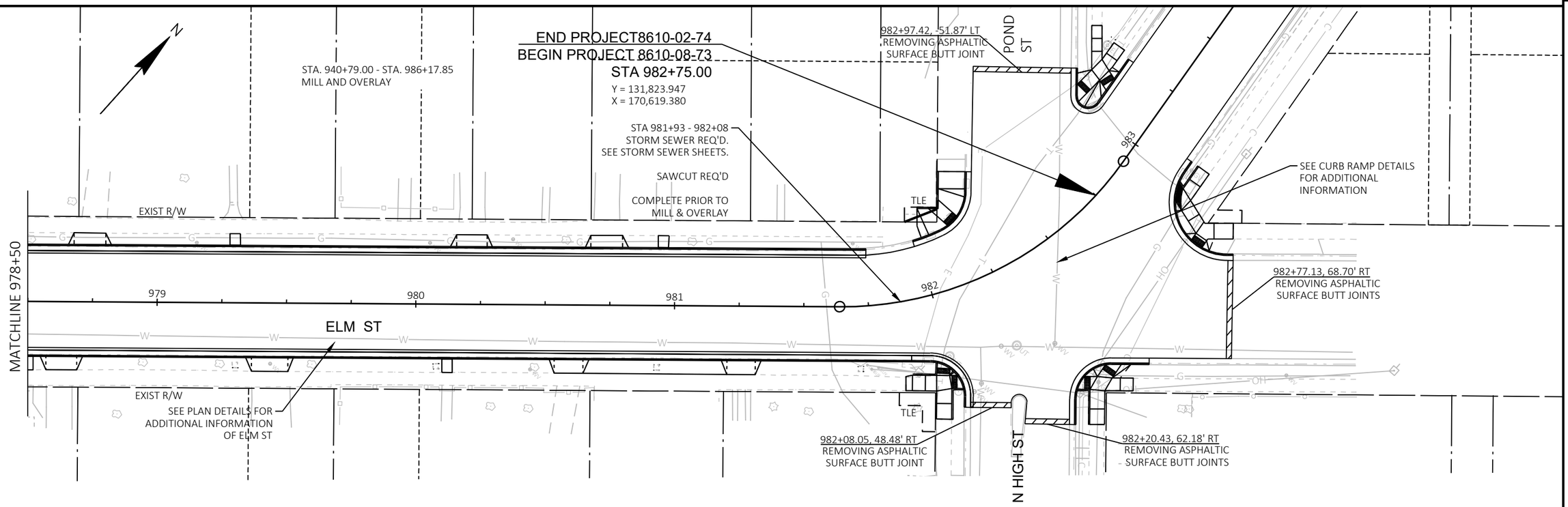




PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 229	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 04
PLOT DATE : 7/10/2024 6:58 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : ##########

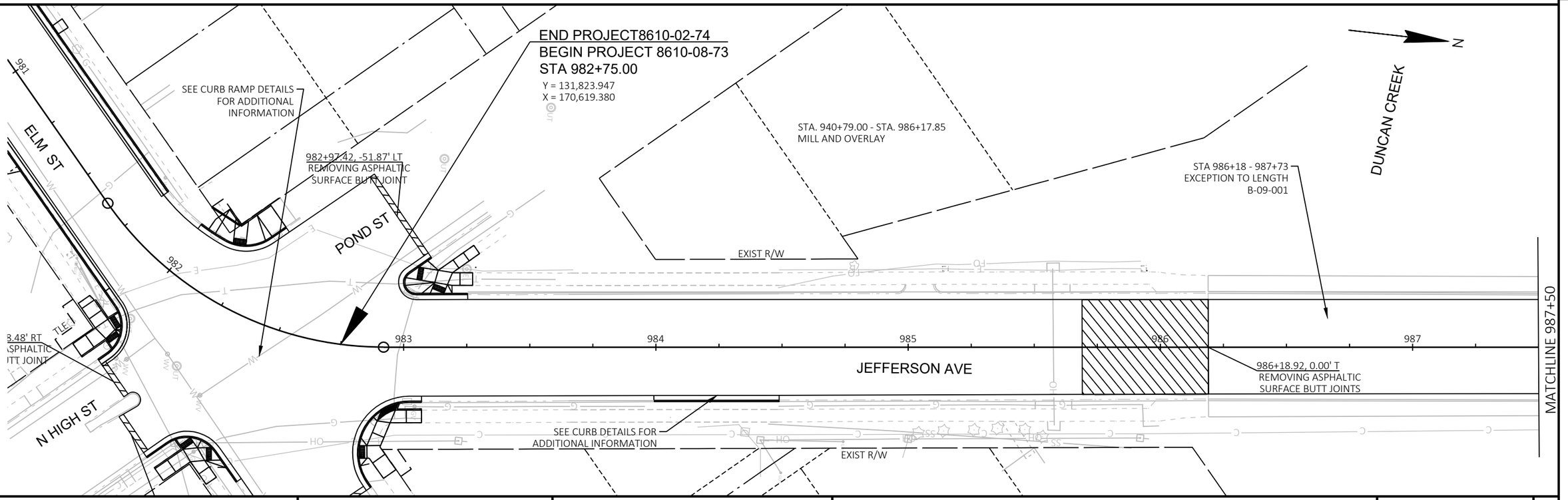




PROJECT NO: 8610-02-74	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 230	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 05
PLOT DATE : 7/10/2024 10:43 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

THIS SHEET LEFT BLANK INTENTIONALLY



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 231	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 05 (2)
PLOT DATE : 7/10/2024 6:59 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1##N##D##H#

WISDOT/CADDS SHEET 44

N

STA 986+18 - 987+73
EXCEPTION TO LENGTH
B-09-001

MATCHLINE 987+50

EXIST R/W

988

989

990

991

992

993

JEFFERSON AVE

MATCHLINE 993+50

987+73.56, 0.00' T
REMOVING ASPHALTIC
SURFACE BUTT JOINTS

SEE CURB DETAILS FOR
ADDITIONAL INFORMATION

990+40.42, -78.57' LT
REMOVING ASPHALTIC
SURFACE BUTT JOINT

BRIDGEWATER AVE

SEE CURB RAMP DETAILS
FOR ADDITIONAL
INFORMATION

STA. 987+73.49 - STA. 1160+13.00
MILL AND OVERLAY

EXIST R/W

EXIST R/W

5

5

MATCHLINE 993+50

994+66.83, -33.86' LT
REMOVING ASPHALTIC
SURFACE BUTT JOINT

JOHN ST

SEE CURB RAMP DETAILS
FOR ADDITIONAL
INFORMATION

EXIST R/W

EXIST R/W

997+79.47, -40.97' LT
REMOVING ASPHALTIC
SURFACE BUTT JOINT

FAIR ST

994

995

996

997

JEFFERSON AVE

998

999

EXIST R/W

EXIST R/W

999+32.63, -43.34' LT
REMOVING ASPHALTIC
SURFACE BUTT JOINT

IRVING
PARK DR

994+68.46, 38.66' RT
REMOVING ASPHALTIC
SURFACE BUTT JOINT

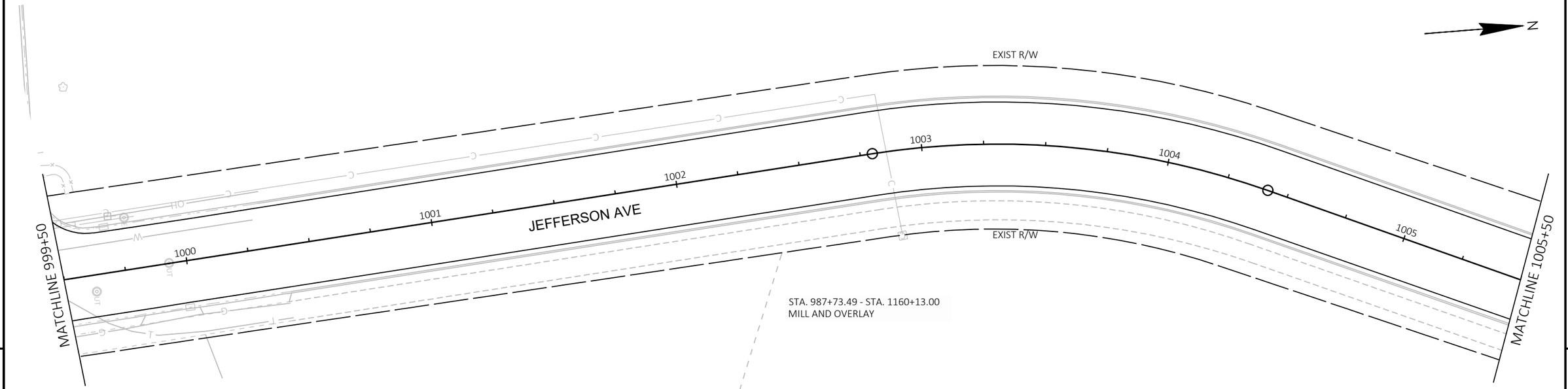
STA. 987+73.49 - STA. 1160+13.00
MILL AND OVERLAY

SEE CURB RAMP DETAILS
FOR ADDITIONAL
INFORMATION

MATCHLINE 999+50

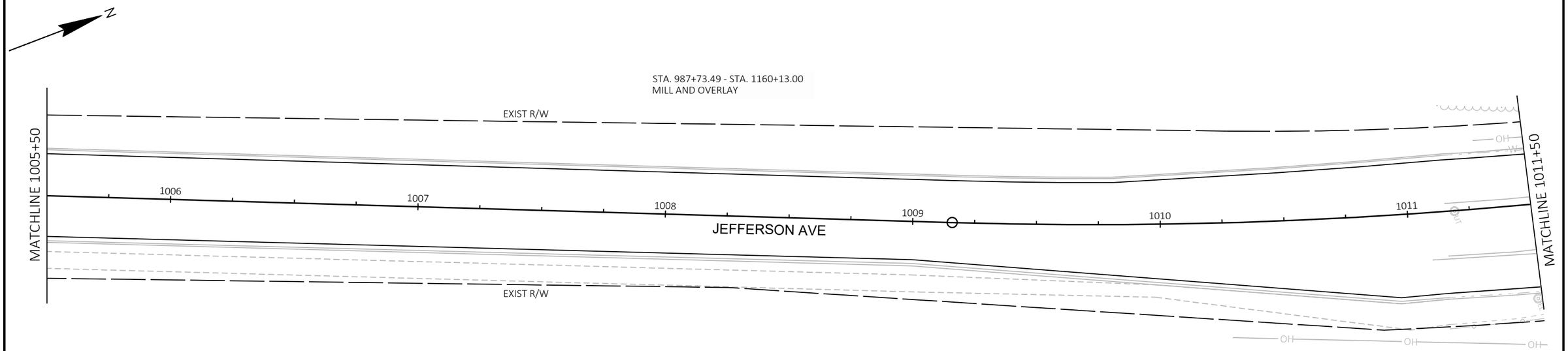
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 232	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 06
PLOT DATE : 7/10/2024 7:00 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : ##N##2#/##
WISDOT/CADDS SHEET 44



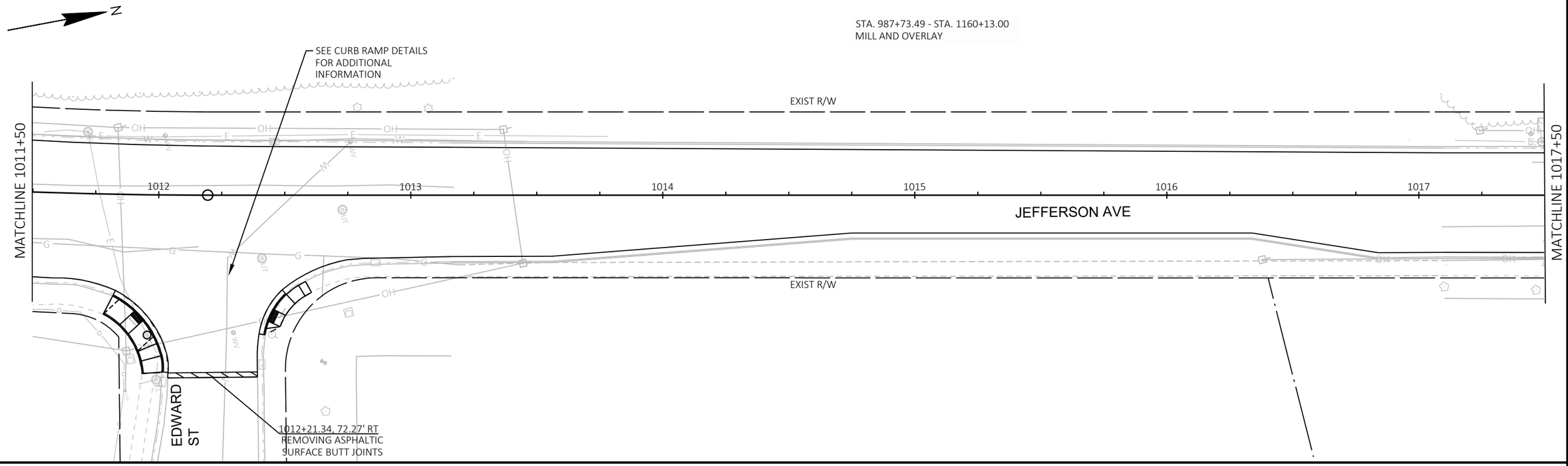
5

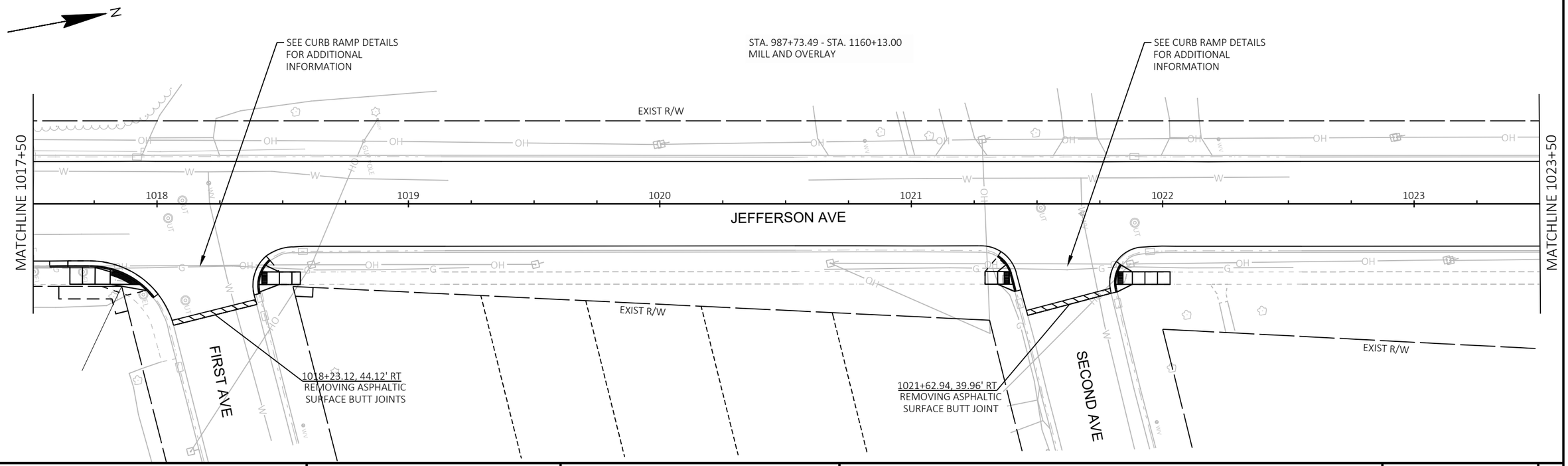
5



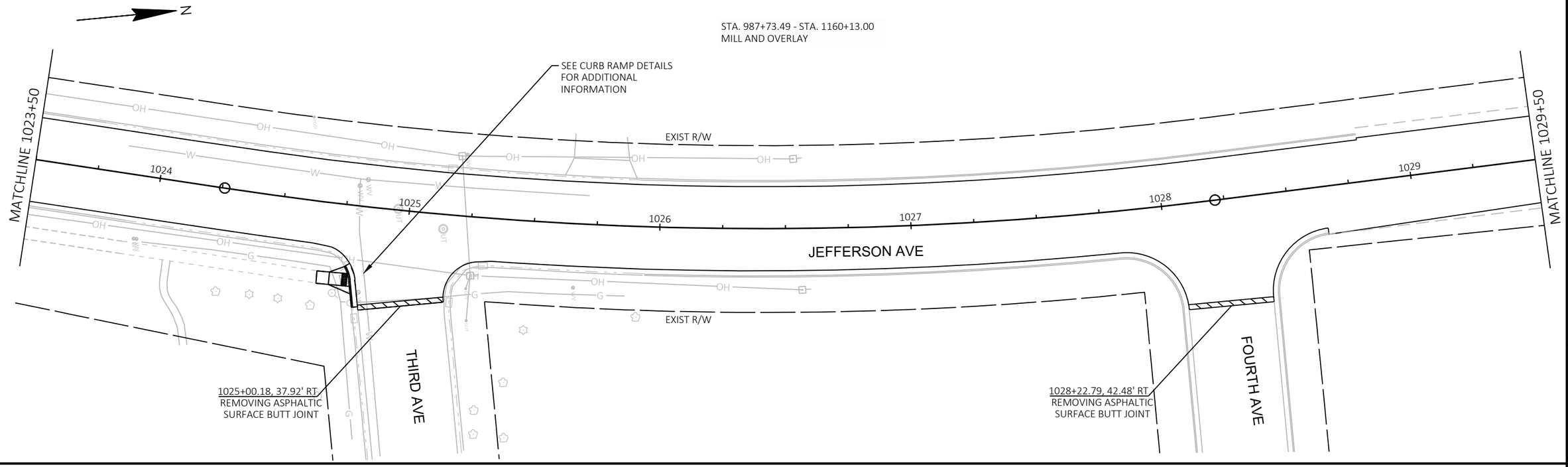
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 233	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 07
PLOT DATE : 7/10/2024 7:01 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : ##N##D##F##
WISDOT/CADDS SHEET 44





PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 234	E



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 235	E

STA. 987+73.49 - STA. 1160+13.00
MILL AND OVERLAY

1039+41.71, -45.55' LT
REMOVING ASPHALTIC
SURFACE BUTT JOINT

ASHLEY LANE

STA 1040+35, LT
CE ASPHALT DRIVEWAY
REMOVING ASPHALTIC
SURFACE

STA 1041+35, LT
CE ASPHALT DRIVEWAY
REMOVING ASPHALTIC
SURFACE

N

EXIST R/W

MATCHLINE 1035+50

1036 1037 1038 1039 1040 1041

JEFFERSON AVE

EXIST R/W

MATCHLINE 1041+50

5

STA 1035+50, RT
PE ASPHALT DRIVEWAY
REMOVING ASPHALTIC
SURFACE

STA 1038+00, RT
PE ASPHALT DRIVEWAY
REMOVING ASPHALTIC
SURFACE

1040+58.08, 36.87' RT
REMOVING ASPHALTIC
SURFACE BUTT JOINT

7TH ST

5

STA 1043+10, LT
CE ASPHALT DRIVEWAY
REMOVING ASPHALTIC
SURFACE

OJIBWA RD

1044+49.62, -60.48' LT
REMOVING ASPHALTIC
SURFACE BUTT JOINTS

STA. 987+73.49 - STA. 1160+13.00
MILL AND OVERLAY

N

EXIST R/W

EXIST R/W

MATCHLINE 1041+50

1042 1043 1044 1045 1046 1047

STH 124

EXIST R/W

STA 1044+50, RT
PE GRAVEL DRIVEWAY

MATCHLINE 1047+50

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 236	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 10

PLOT DATE : 7/10/2024 7:04 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN: 2####### WISDOT/CADDS SHEET 44

STA. 987+73.49 - STA. 1160+13.00
MILL AND OVERLAY

STA. 1051+45
REMOVING SMALL PIPE CULVERTS REQ'D (24-INCH)
58 LF CPRCHE CLASS HE-III 19X30-INCH REQ'D
2 APRON ENDWALLS FOR CPRCHE 19X30-INCH REQ'D

EXIST R/W

SLOPE INTERCEPTS
(TYP.)

MATCHLINE 1047+50

1048 1049 1050 1051 1052 1053

+93.0, 0.0'

+98.0, 0.0'

STH 124

MATCHLINE 1053+50

EXIST R/W

STA 1052+50, RT
PE GRAVEL DRIVEWAY

STA. 1050+93 - 1051+98
SEE CULVERT PIPE TRANSITION DETAIL
SAW CUT REQ'D
COMPLETE PRIOR TO MILL AND OVERLAY

5

5

STA. 987+73.49 - STA. 1160+13.00
MILL AND OVERLAY

STA 1057+30, LT
PE GRAVEL DRIVEWAY

STA 1058+45, LT
PE GRAVEL DRIVEWAY

EXIST R/W

EXIST R/W

MATCHLINE 1053+50

1054 1055 1056 1057 1058 1059

STH 124

MATCHLINE 1059+50

EXIST R/W

EXIST R/W

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 237	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 11
PLOT DATE : 7/10/2024 7:04 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : ##N##4@##H#
WISDOT/CADDS SHEET 44

STA. 987+73.49 - STA. 1080+00.00
MILL AND OVERLAY

STA. 1064+85
REMOVING SMALL PIPE CULVERTS REQ'D (24-INCH)
2-60 LF CPRCHE CLASS HE-III 19X30-INCH REQ'D
4 APRON ENDWALLS FOR CPRCHE 19X30-INCH REQ'D

STA 1063+85, LT
PE GRAVEL DRIVEWAY

EXIST R/W

MATCHLINE 1059+50

1060 1061 1062 1063 1064 1065

+33.0, 0.0'

STH 124

MATCHLINE 1065+25

EXIST R/W

SLOPE INTERCEPTS
(TYP.)

STA. 1064+33 - 1065+38
SEE CULVERT PIPE TRANSITION DETAIL
SAW CUT REQ'D
COMPLETE PRIOR TO MILL AND OVERLAY

5

5

STA. 987+73.49 - STA. 1080+00.00
MILL AND OVERLAY

STA 1070+18
CLEAN CULVERT
DITCH GRADING LT & RT REQ'D

EXIST R/W

MATCHLINE 1065+25

MATCHLINE 1071+00

+38.1, 0.0'

1066 1067 1068 1069 1070

STH 124

SLOPE INTERCEPTS
(TYP.)

EXIST R/W

STA 1065+90, RT
PE GRAVEL DRIVEWAY

STA 1069+00 RT - STA 1071+00 RT
GRUBBING REQ'D

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 238	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 12
PLOT DATE : 7/10/2024 7:05 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1###0###
WISDOT/CADDS SHEET 44

N

STA. 987+73.49 - STA. 1080+00.00
MILL AND OVERLAY

MATCHLINE 1071+00

EXIST R/W

1071

1072

1073

1074

1075

1076

STH 124

MATCHLINE 1077+00

140TH ST

EXIST R/W

1071+65.17, 100.68' RT
REMOVING ASPHALTIC
SURFACE BUTT JOINT

5

5

N

STA. 987+73.49 - STA. 1080+00.00
MILL AND OVERLAY

END PROJECT
STA 1080+00
Y = 140,591.329
X = 172,648.215
BUTT JOINT REQUIRED

CTH S

EXIST R/W

MATCHLINE 1077+00

1077

1078

1079

STH 124

1081

1082

EXIST R/W

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	PLAN DETAILS	SHEET 239	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\050201-PN.DWG
LAYOUT NAME - 13

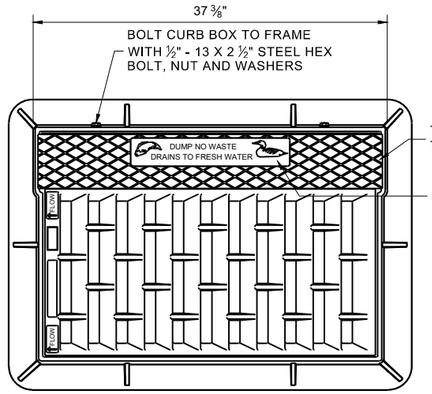
PLOT DATE : 7/10/2024 7:06 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : PLOT SCALE : 1 IN: 40 FT

WISDOT/CADDS SHEET 44

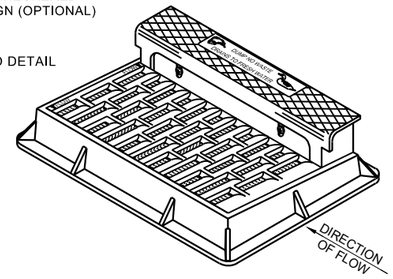
Standard Detail Drawing List

08A05-21A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A09-03	CATCH BASINS 2X3-FT AND 2.5X3-FT
08D01-23A	CONCRETE CURB & GUTTER
08D05-21A	CURB RAMPS TYPES 1 AND 1-A
08D05-21B	CURB RAMPS TYPES 2 AND 3
08D05-21C	CURB RAMPS TYPES 4A AND 4A1
08D05-21D	CURB RAMPS TYPE 4B AND 4B1
08D05-21E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-21F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-21G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D16-11	CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES
08D22-01	DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUIT
09B04-12	PULL BOX
09C11-10	CONCRETE BASE TYPE 10
09C15-01	CONCRETE BASE TYPE 10 SPECIAL
09E07-06	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09E08-09A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-09B	TYPE 9 SPECIAL POLE 35' MONOTUBE ARM
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
13C18-08A	CONCRETE PAVEMENT JOINTING
13C18-08B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C19-03	HMA LONGITUDINAL JOINTS
14B29-01	SAFETY EDGE
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C18-08A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-08C	MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15C36-01	PARKING STALL MARKING
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-09A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL
15D48-01	TRAFFIC CONTROL, LANE SHIFT IN FLAGGING OPERATION
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS

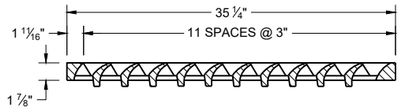
6

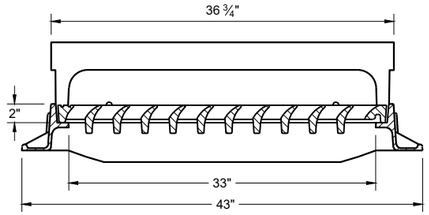


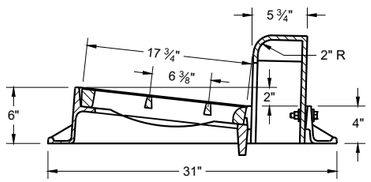
NOTE: EITHER CASTING IS ACCEPTABLE

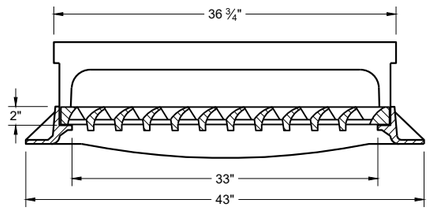


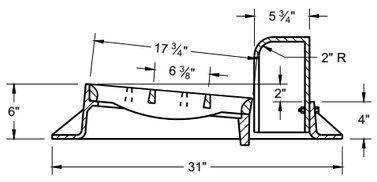
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







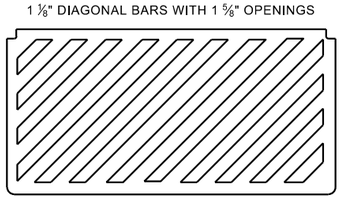




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

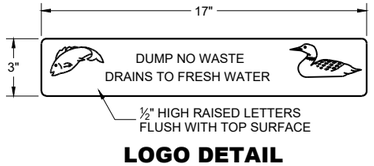
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



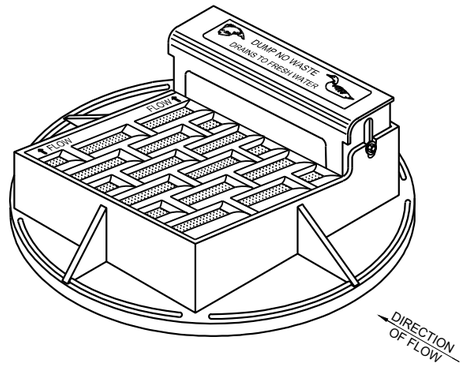
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

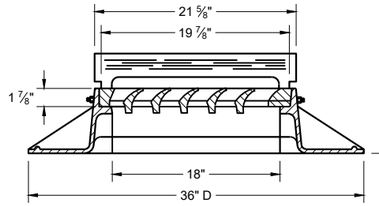


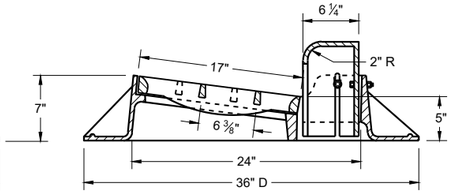
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





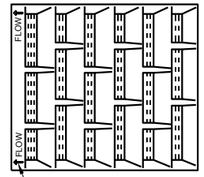
TYPE "A"

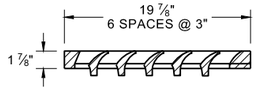
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

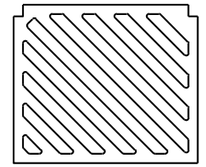
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.





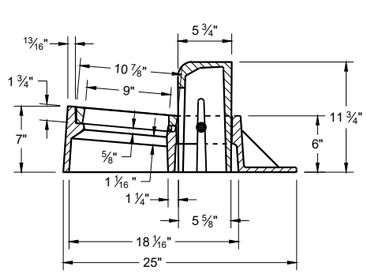
1" DIAGONAL BARS WITH 1 1/2" OPENINGS



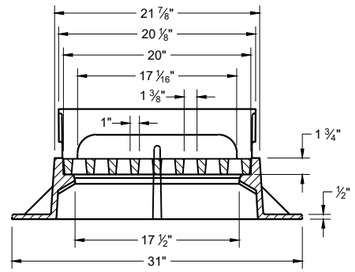
SPECIAL GRATE FOR TYPE "A" COVER

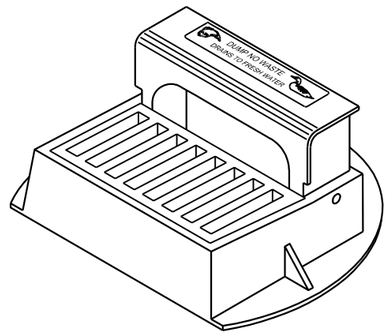
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





INLET COVERS
TYPES A, H, A-S, H-S AND Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

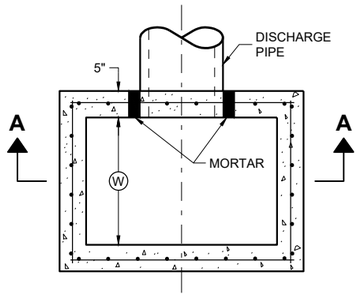
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA

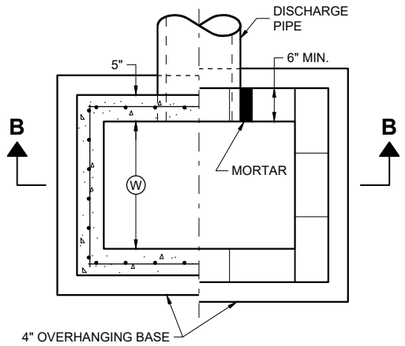
6

SDD 08A05-21a

SDD 08A05-21a



PLAN VIEW



PLAN VIEW

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST CATCH BASIN UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST CATCH BASINS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

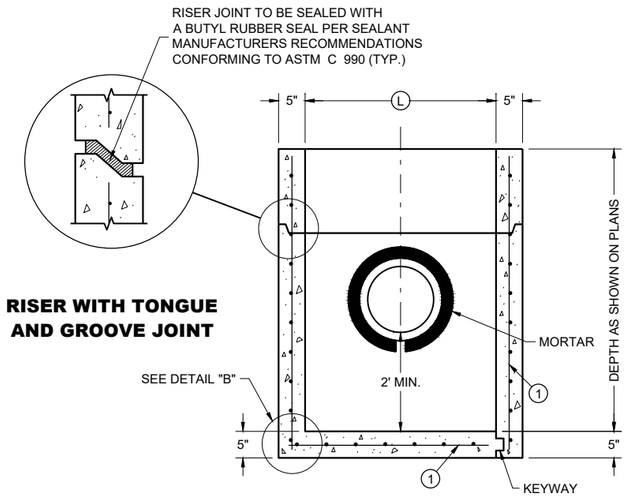
(3) 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

CATCH BASIN COVER MATRIX

CATCH BASIN SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE	
			F	ALL H'S
2 X 3-FT	2	3		X
2.5 X 3-FT	2.5	3	X	

PIPE MATRIX

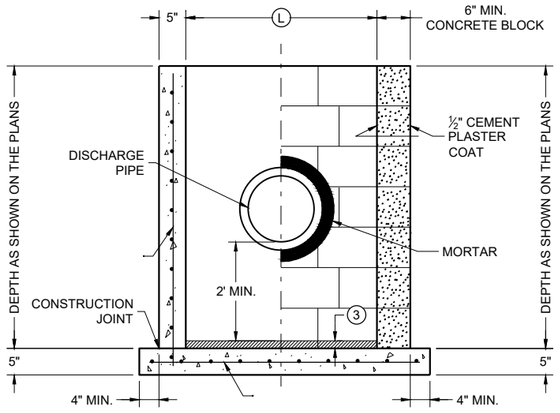
CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER (IN)	
	WIDTH (W)(IN)	LENGTH (L)(IN)
2 X 3-FT	12	24
2.5 X 3-FT	18	24



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

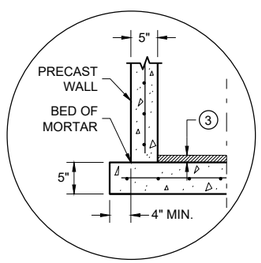
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

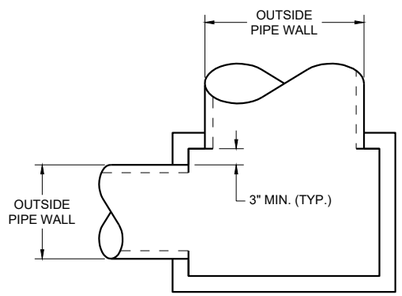
CONCRETE BLOCK ON CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

CATCH BASINS 2X3-FT AND 2.5X3-FT

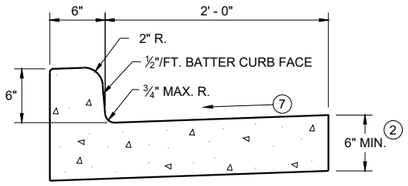
CATCH BASINS
2 X 3-FT AND 2.5 X 3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

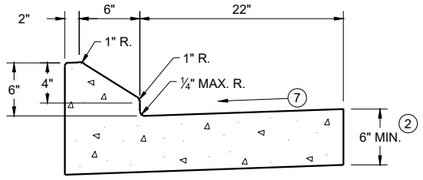
APPROVED
December 2023 — DATE
/S/ RODNEY TAYLOR — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

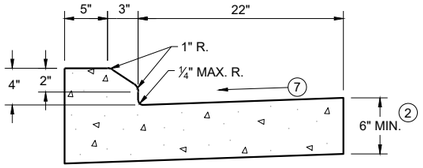
SDD 08A09-03



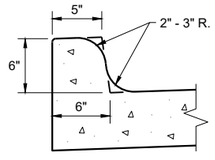
TYPES A (1) & D



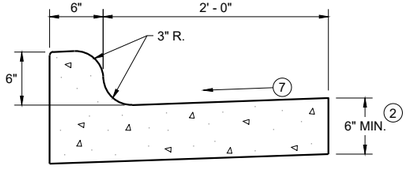
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

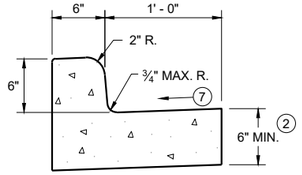


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



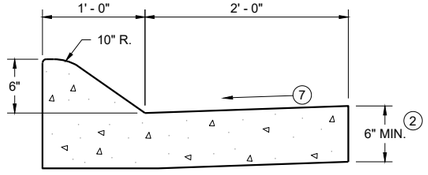
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

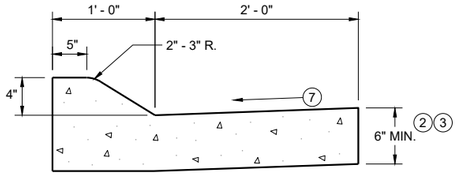


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

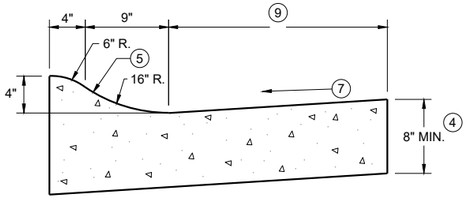


6" SLOPED CURB TYPES A (1) & D



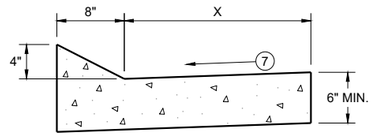
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

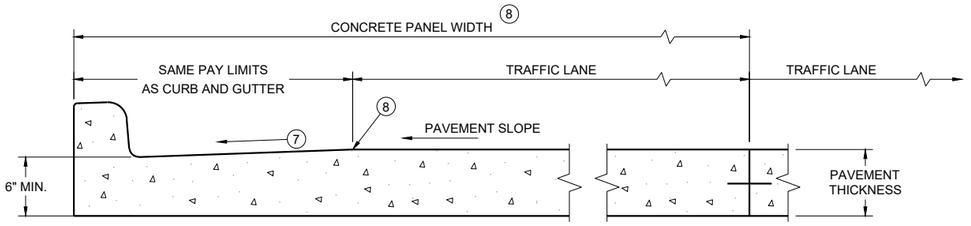


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

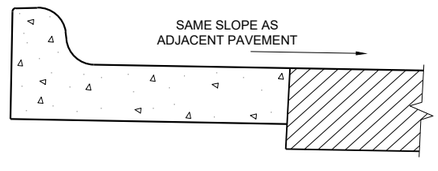
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

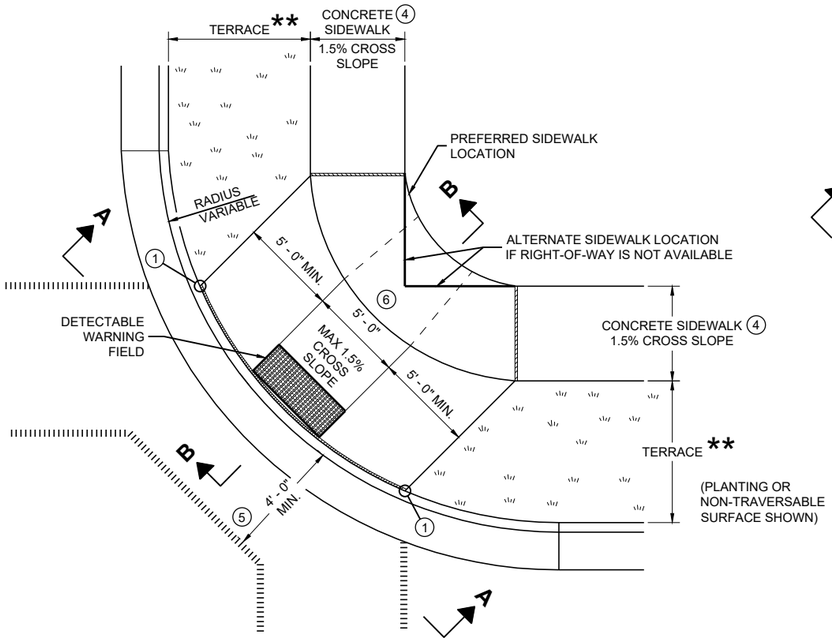
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

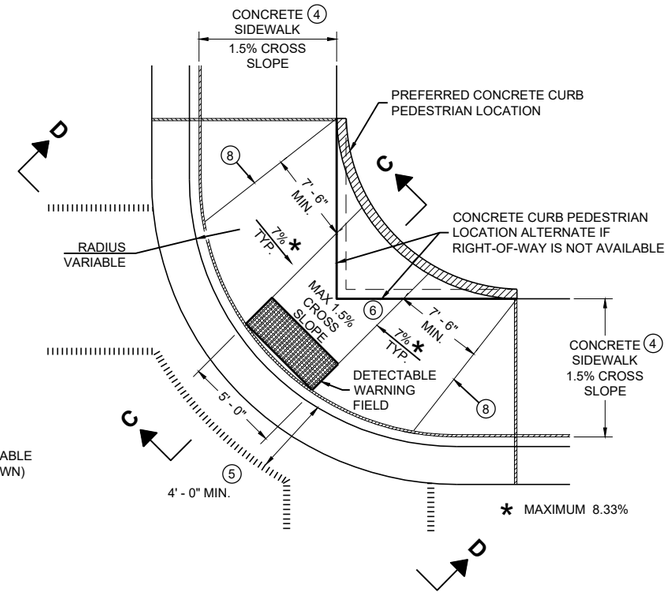
SDD 08D01-23a



PLAN VIEW

CURB RAMP TYPE 1

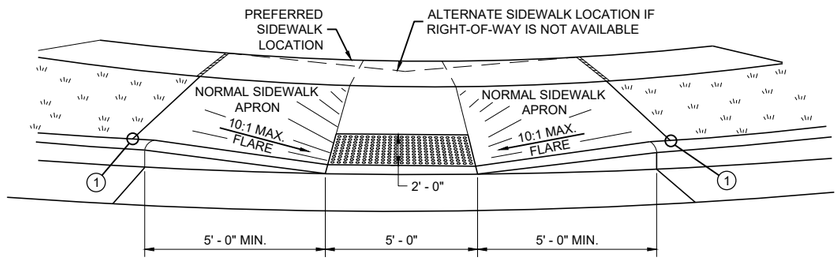
(CENTER OF CORNER RADIUS)



PLAN VIEW

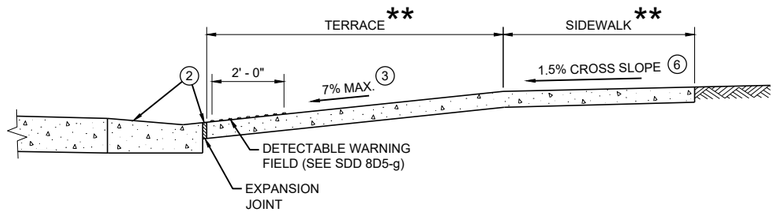
CURB RAMP TYPE 1 - A

(NO TERRACE)

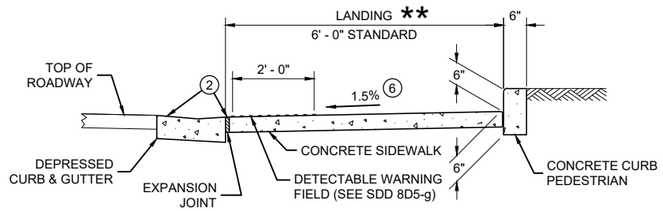


VIEW A - A FOR TYPE 1

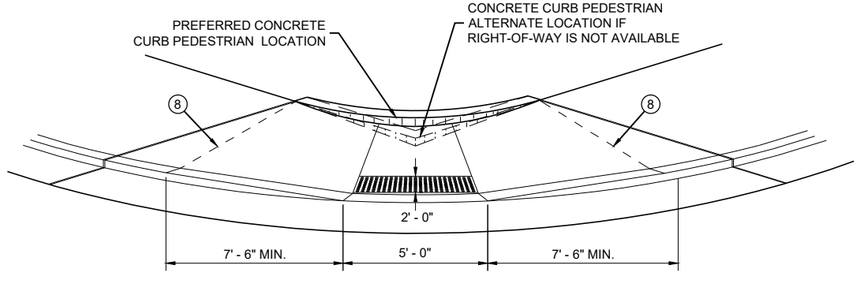
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



SECTION C - C FOR TYPE 1 - A



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

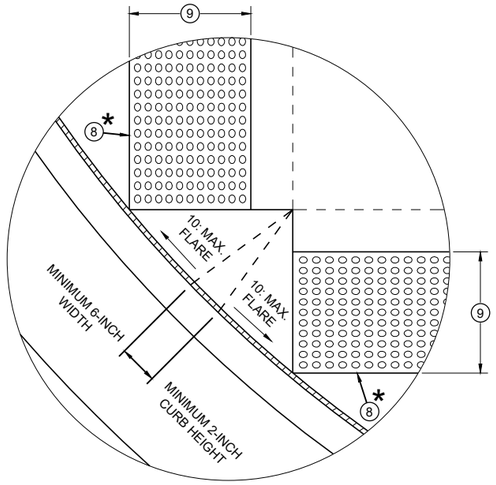
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

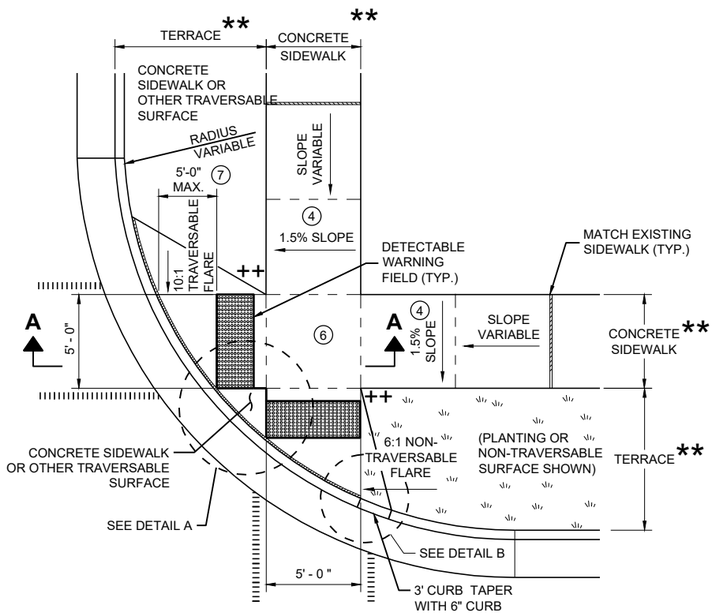
CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

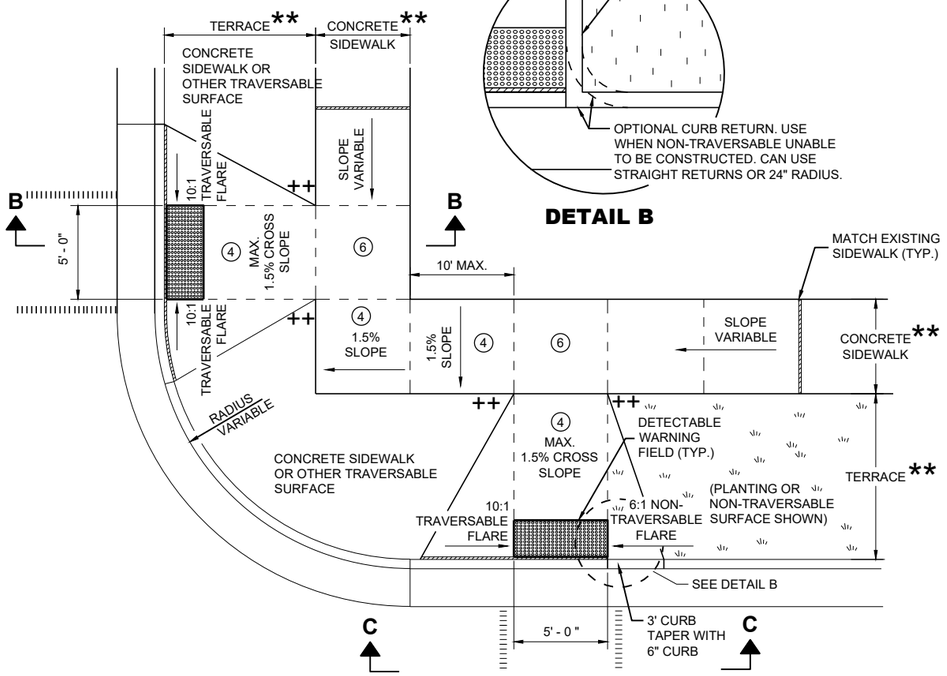
6
SDD 08D05-21a

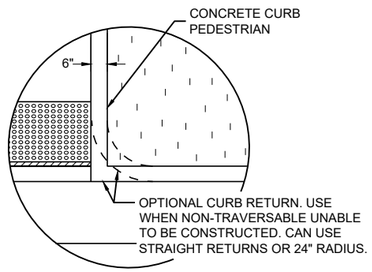


DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)





DETAIL B

PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

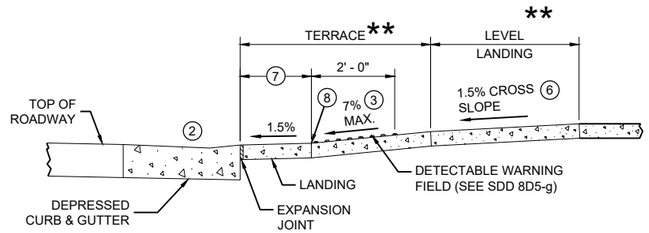
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

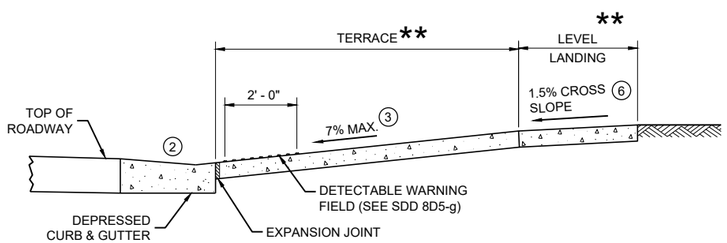


SECTION A - A FOR TYPE 2

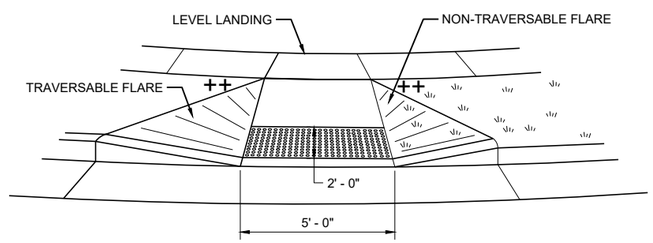
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

LEGEND

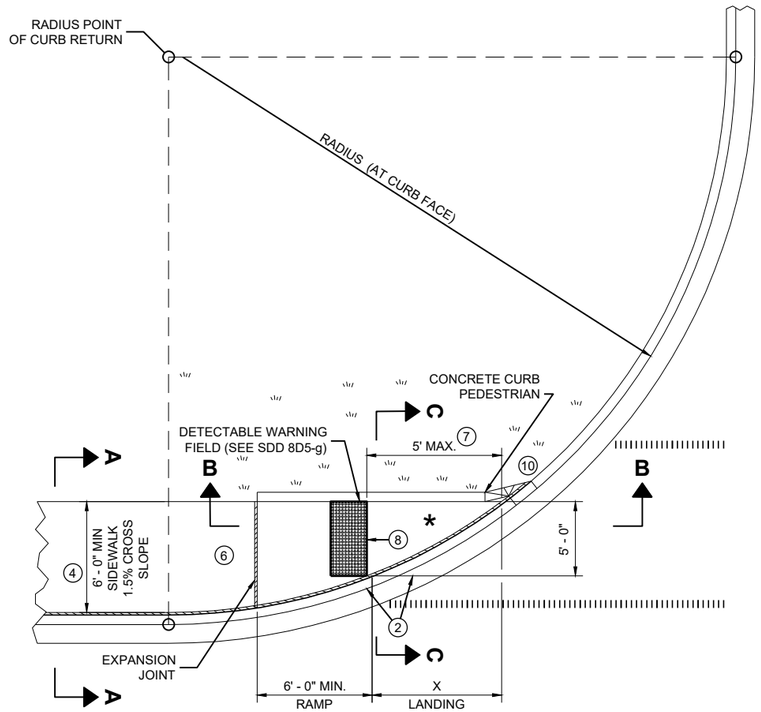
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

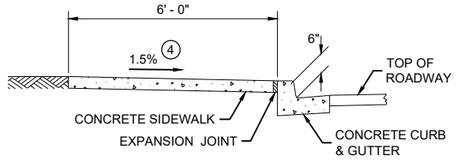


PLAN VIEW

CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

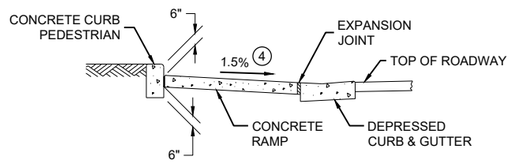
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

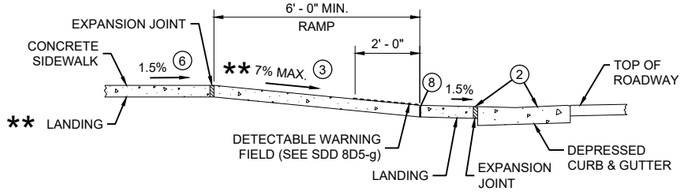
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

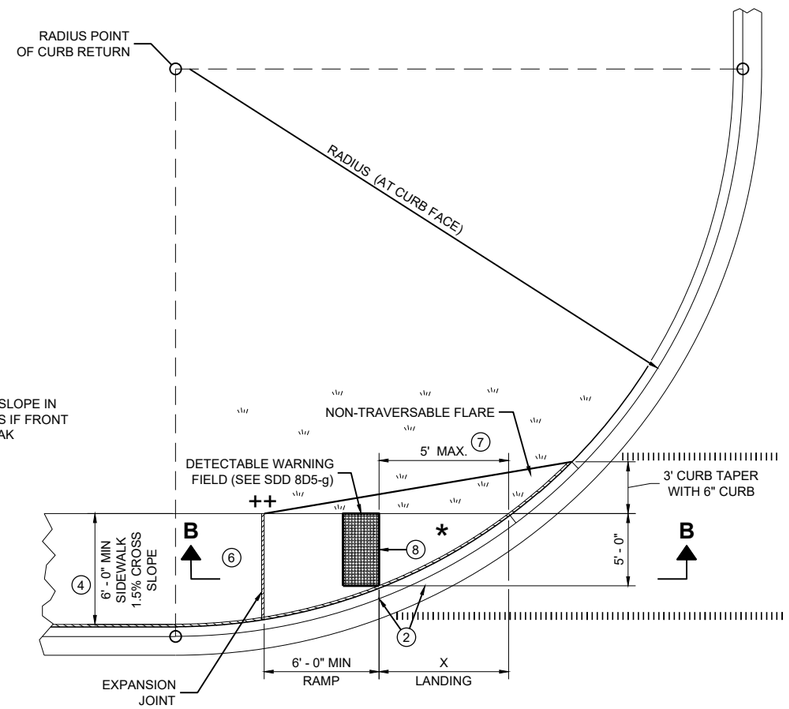


SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

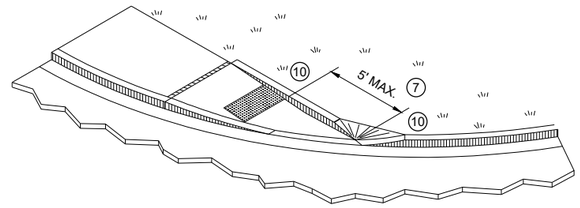
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



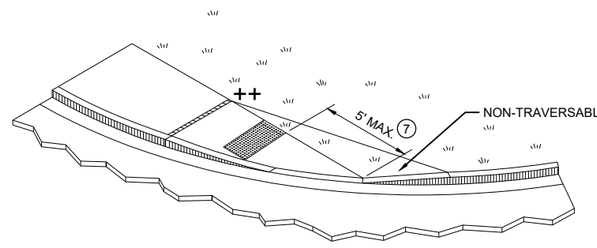
PLAN VIEW

CURB RAMP TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



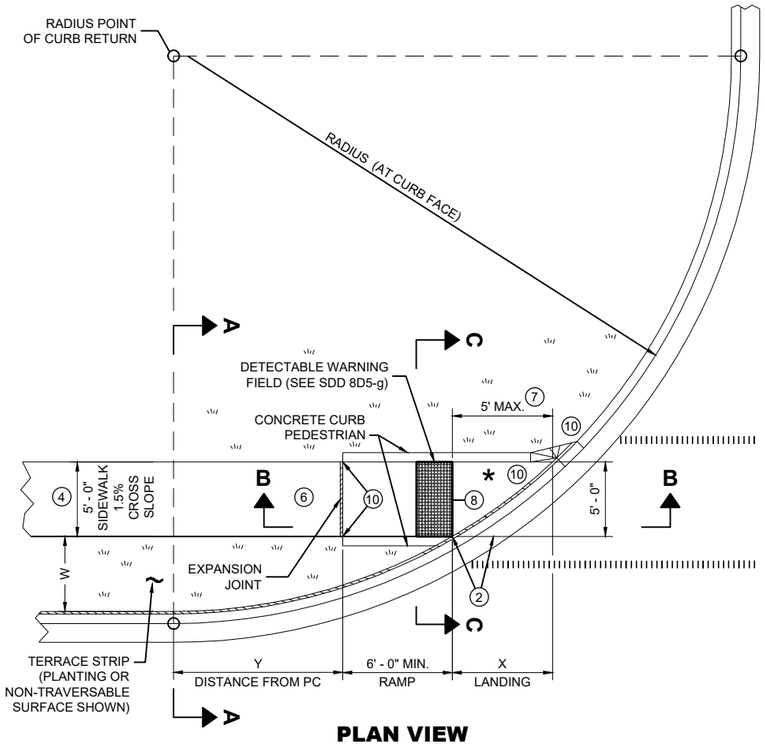
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

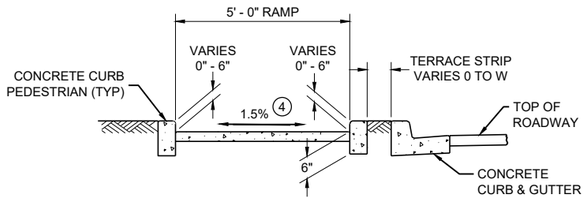
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 1/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET			4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET									4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET															4' - 10 3/4"	19' - 8 1/4"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

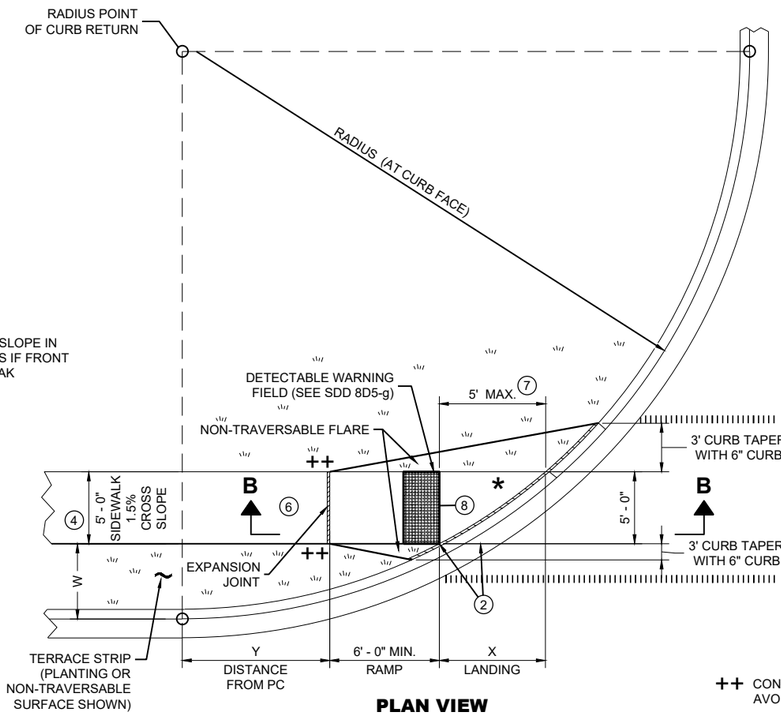
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

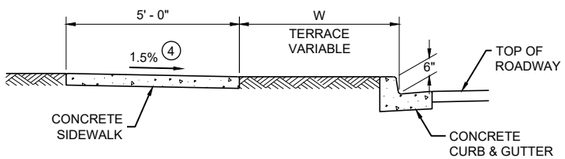
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



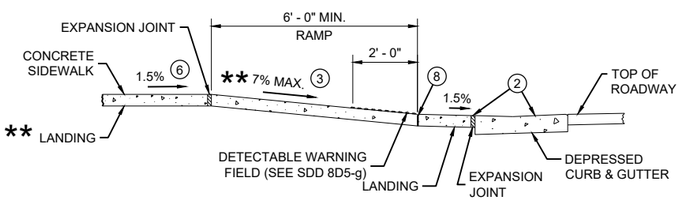
PLAN VIEW
CURB RAMP TYPE 4B1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

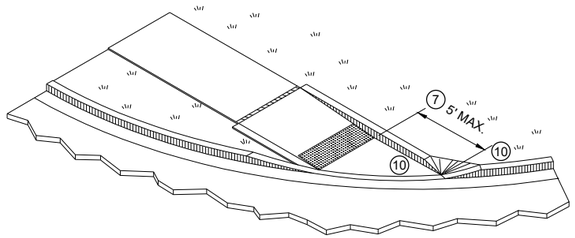


SECTION A - A FOR TYPE 4B

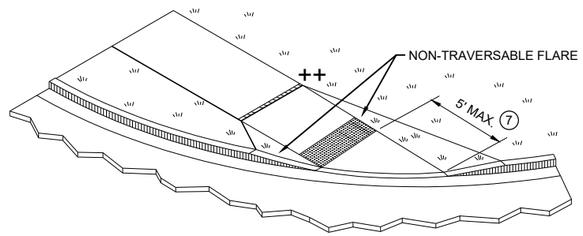


SECTION B - B FOR TYPE 4B AND TYPE 4B1

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



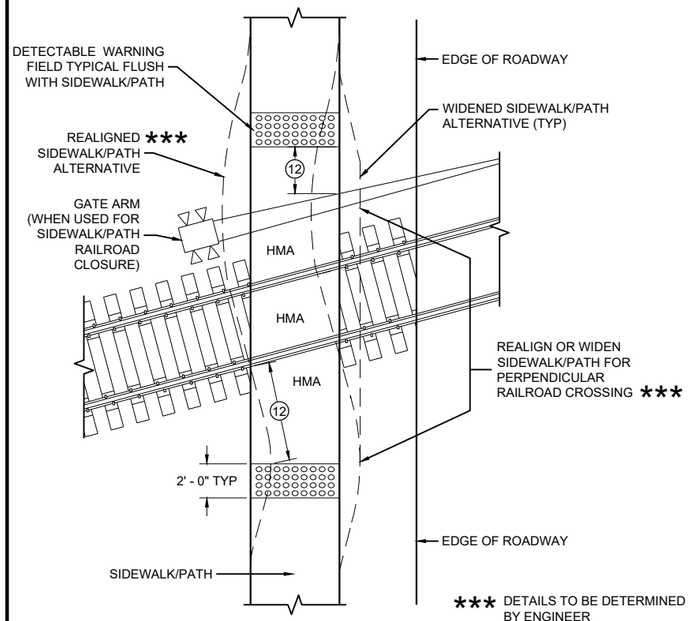
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

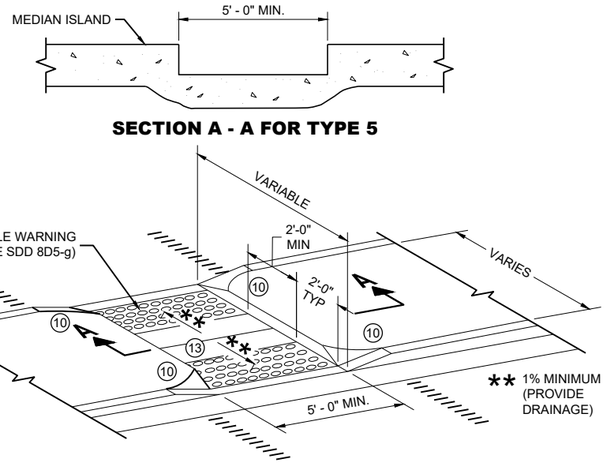
CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5

CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

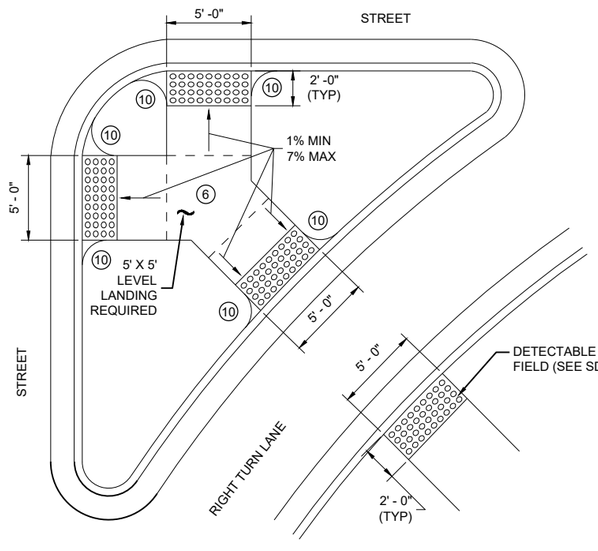
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

LEGEND

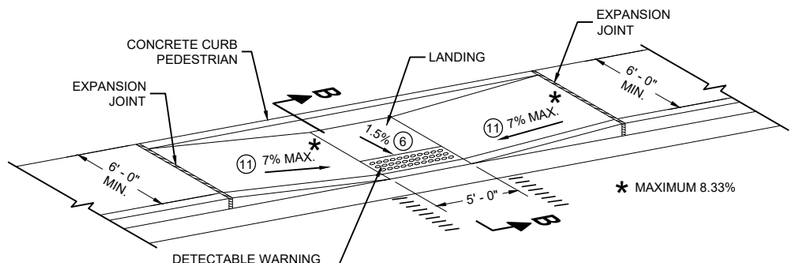
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

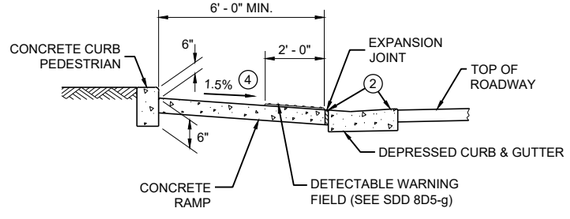
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS

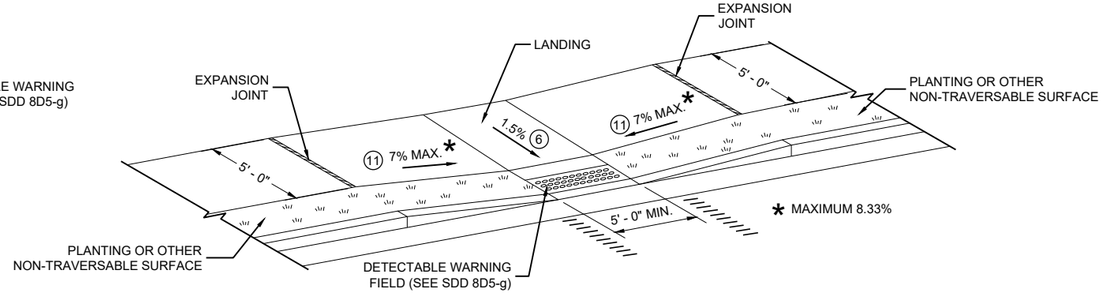


CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



SECTION B - B FOR TYPE 7A



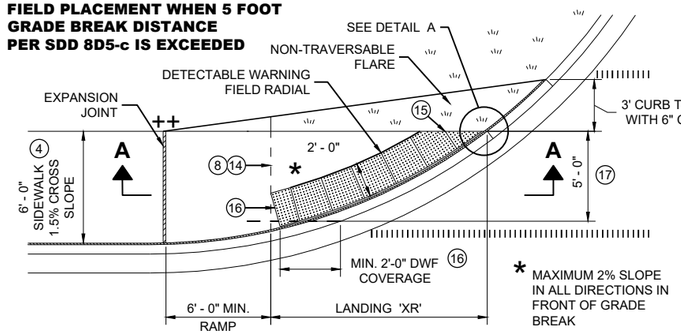
CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

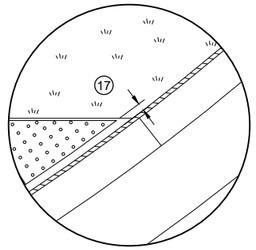
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED

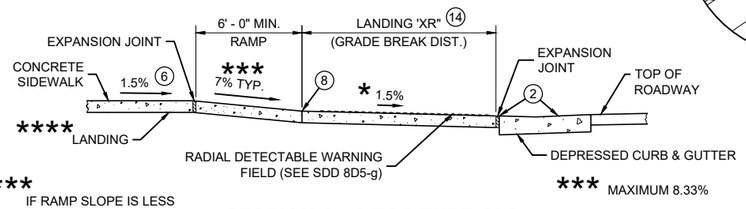


PLAN VIEW

CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL A



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

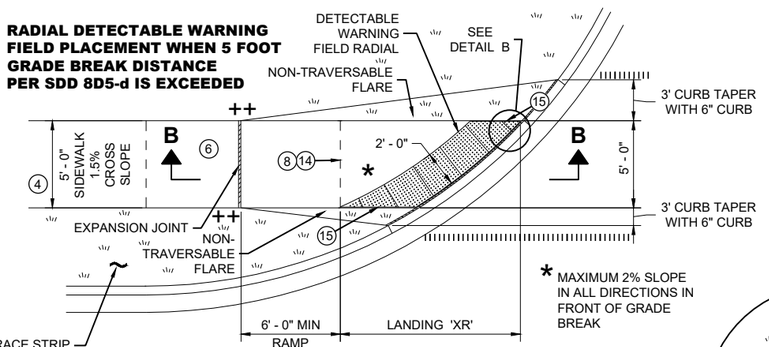
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

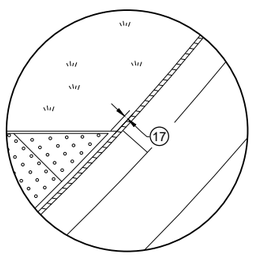
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

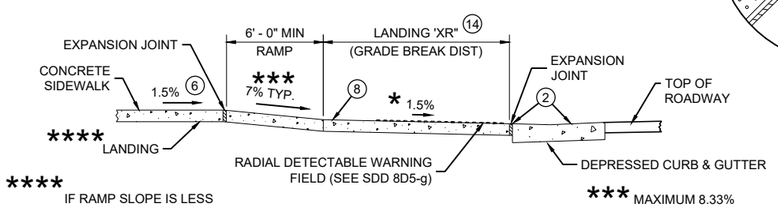


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

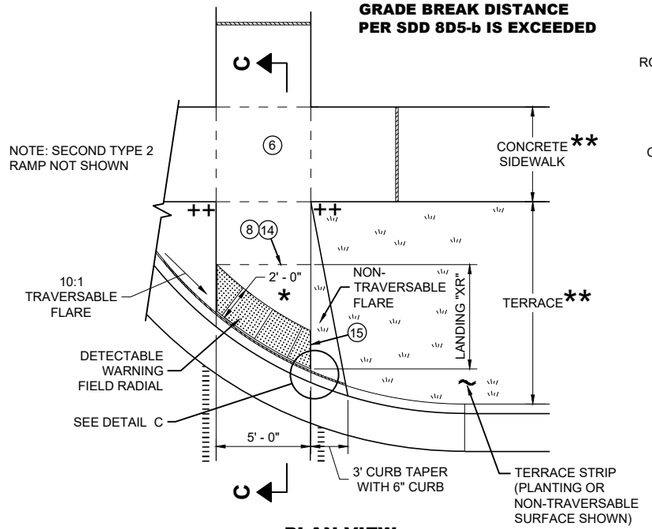


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

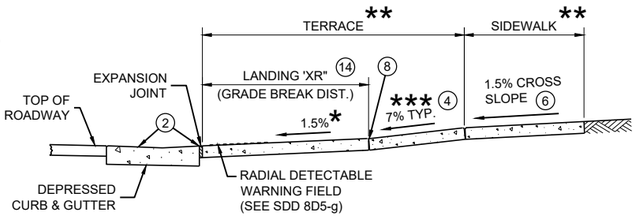
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

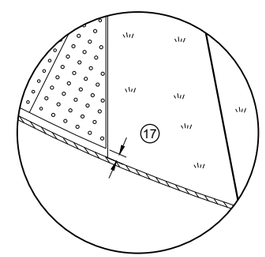


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

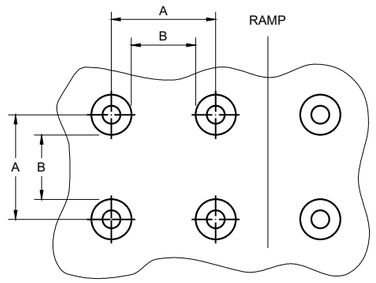
++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
RADIAL DETECTABLE WARNING

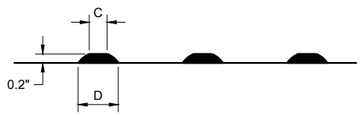
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

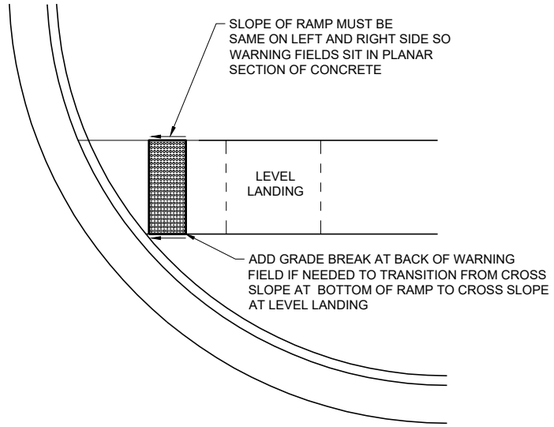
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

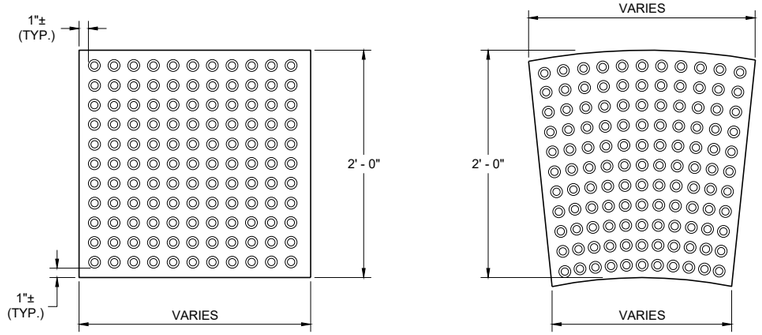
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

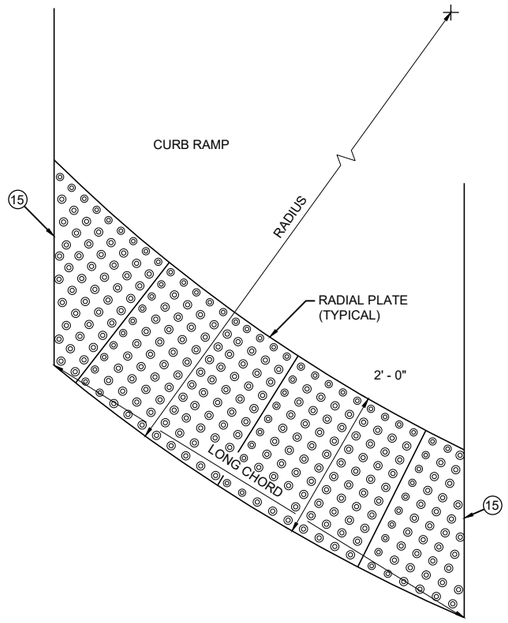
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



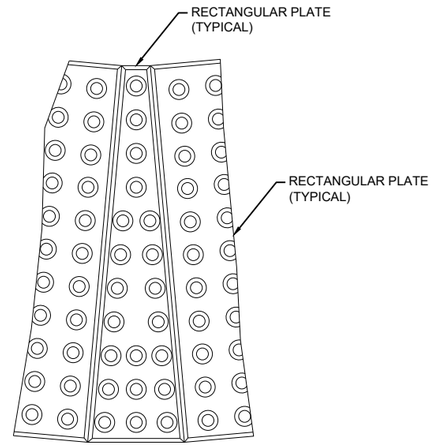
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

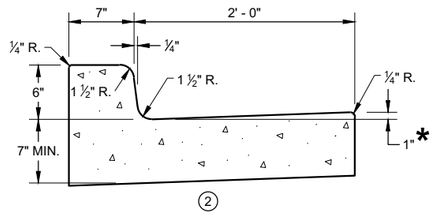
APPROVED

July 2023 — DATE

/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

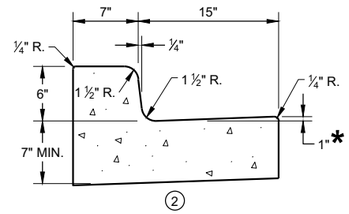
FHWA

6
SDD 08D05-21g

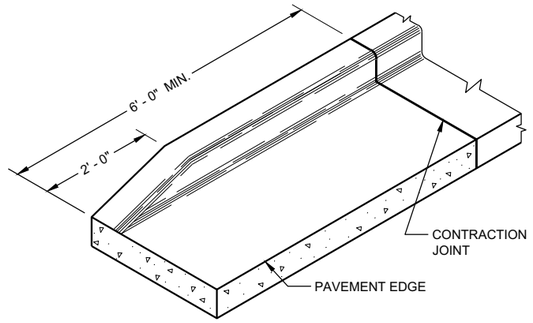


CONCRETE CURB AND GUTTER 31" ①

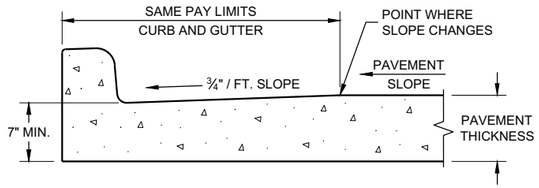
*TO BE MEASURED TO A MAXIMUM OF 3" WHERE DRAINAGE PROBLEMS EXIST.



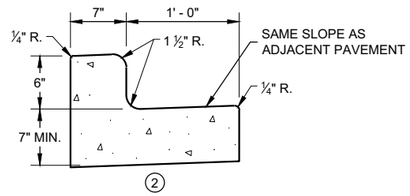
CONCRETE CURB AND GUTTER 22" ①



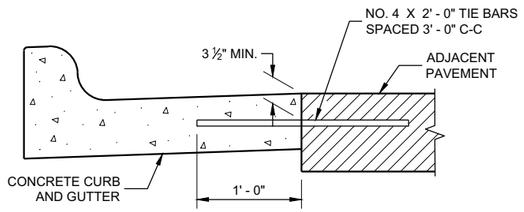
END SECTIONCURB AND GUTTER



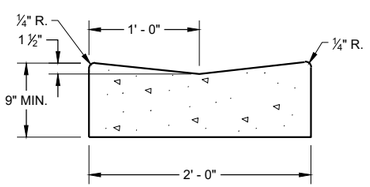
PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER



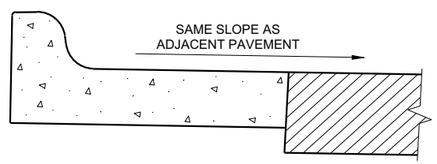
CONCRETE CURB AND GUTTER 19" ①



TYPICAL TIE BAR LOCATION ①



CONCRETE GUTTER 24" ①



HIGH SIDE SECTION ③

(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

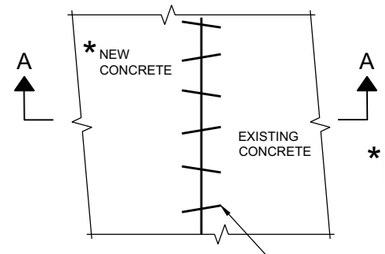
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

① WHEN PLACED ADJACENT TO NEW CONCRETE, TIE BARS ARE REQUITED FOR CURB AND GUTTER 31", 22", 19" AND CONCRETE GUTTER 24".

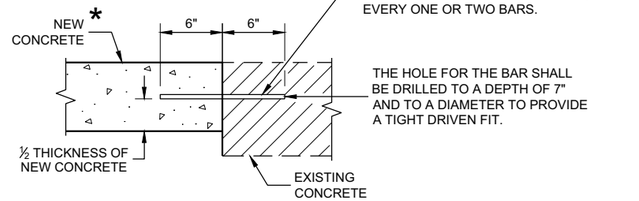
② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 7" MINIMUM GUTTER THICKNESS IS MAINTAINED.

③ WHEN HIGH SIDE CURB SECTION IS REQUIRED, THE LOCATION(S) WILL BE NOTED ON THE PLANS



PLAN VIEW

* EXISTING AND NEW CONCRETE MAY BE CURB AND GUTTER, SURFACE DRAINS, PAVEMENT OR OTHER CONCRETE STRUCTURE.



SECTION A - A

PAVEMENT TIES

CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES

(For Optional use in Milwaukee Co. Only)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

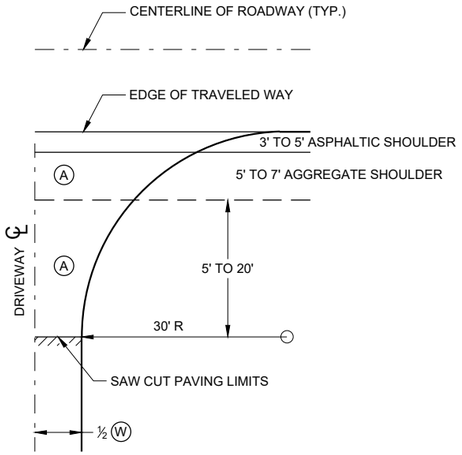
APPROVED
February 2020 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

SDD 08D16 - 11
SDD 08D16 - 11

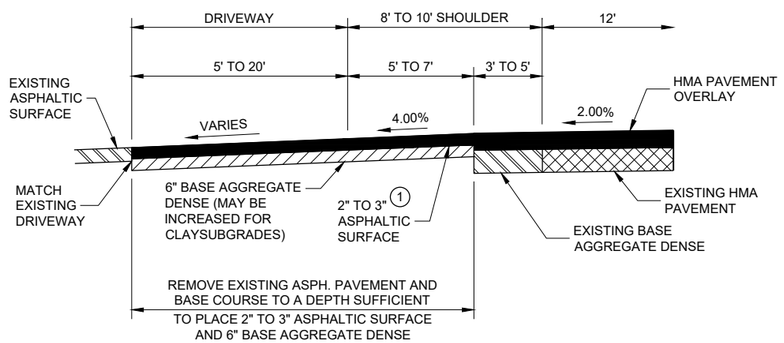
GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PLAN VIEW

HALF SECTION



PROFILE VIEW

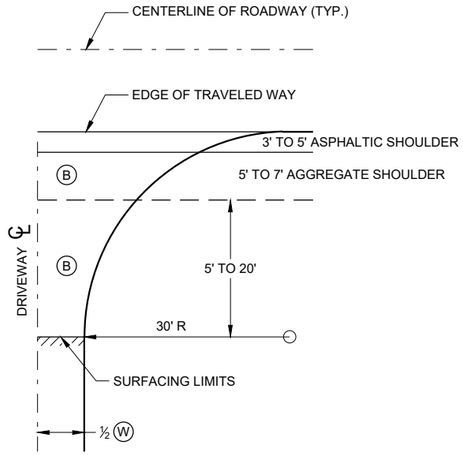
RURAL ENTRANCE WITH ASPHALTIC SURFACE

RESURFACING PROJECTS

(A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)

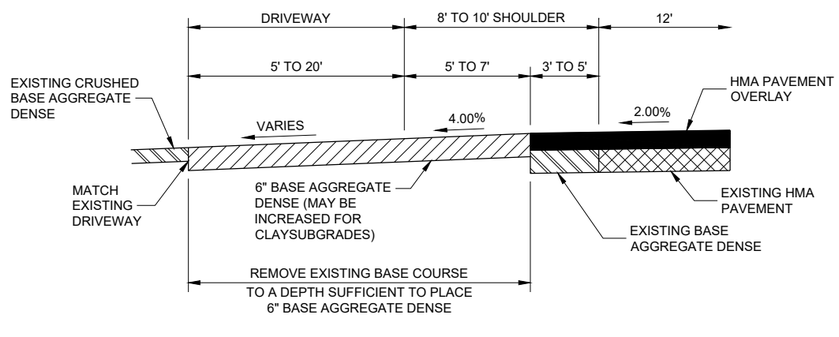
(B) : PAID FOR AS BASE AGGREGATE DENSE 1 ¼" (TON)

(W) : DRIVEWAY WIDTH 16' MIN. - 24' MAX.



PLAN VIEW

HALF SECTION



PROFILE VIEW

RURAL ENTRANCE WITH AGGREGATE SURFACE

6" BASE AGGREGATE DENSE

RESURFACING PROJECTS

DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

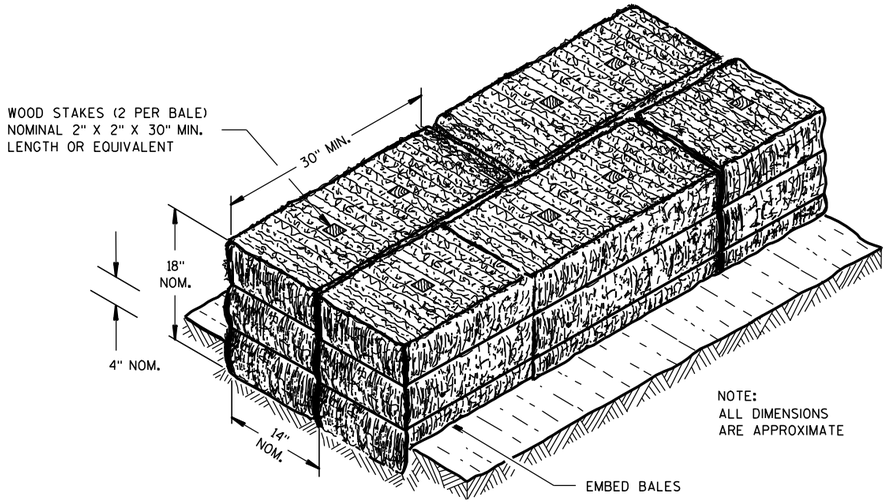
APPROVED
December 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

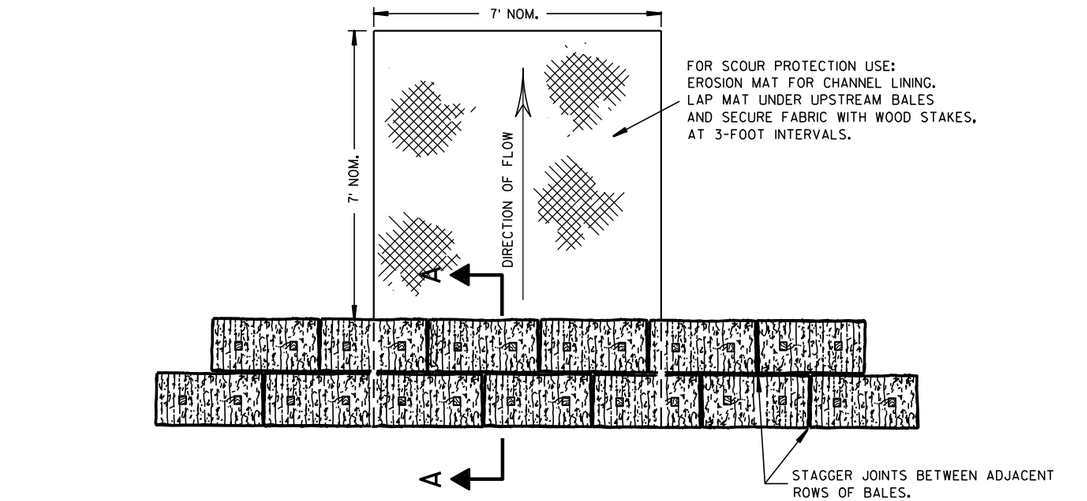
SDD 08D22 - 01

6

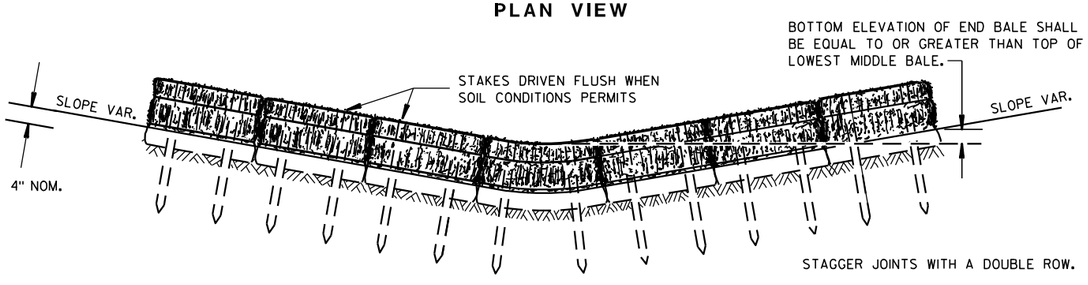
SDD 08D22 - 01



SECTION A-A



PLAN VIEW



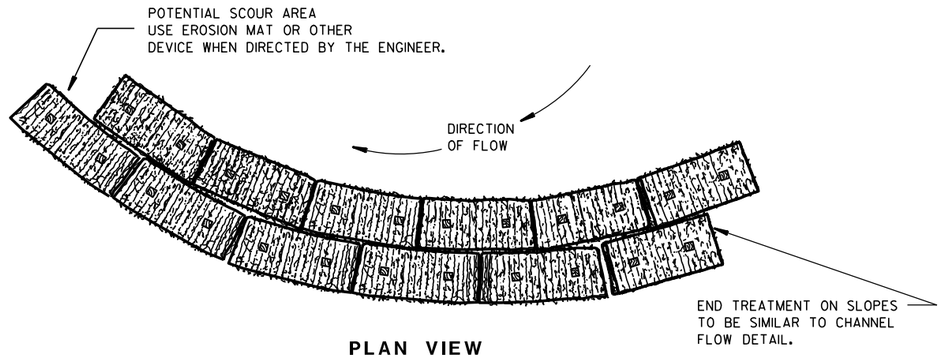
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

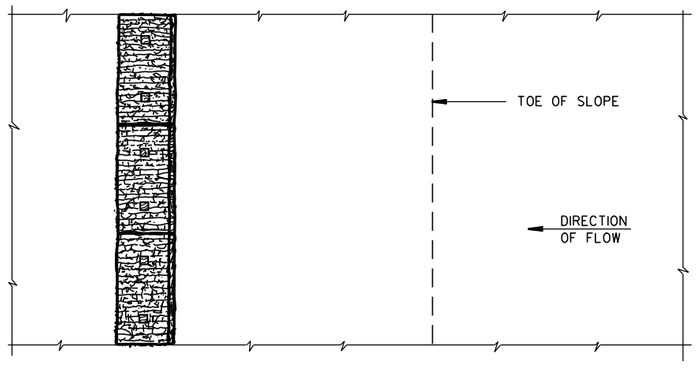
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

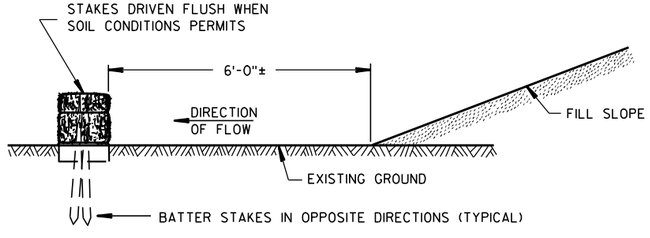


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

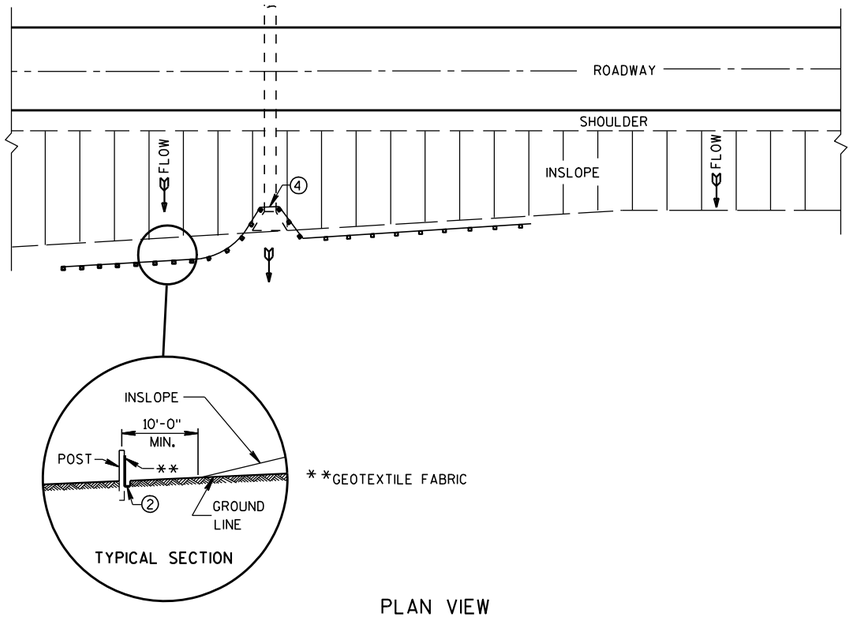
EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

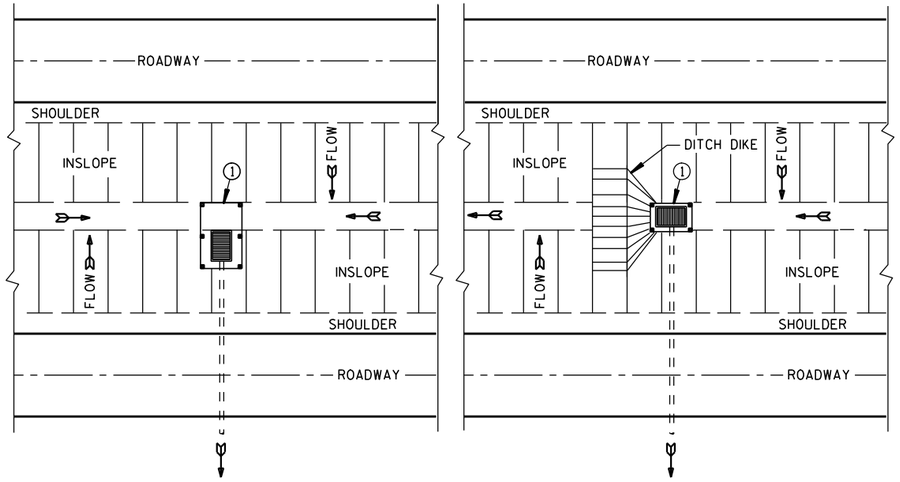
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



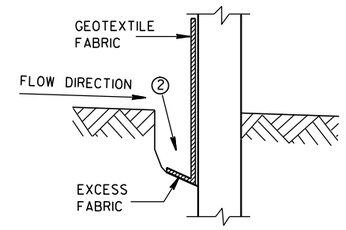
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

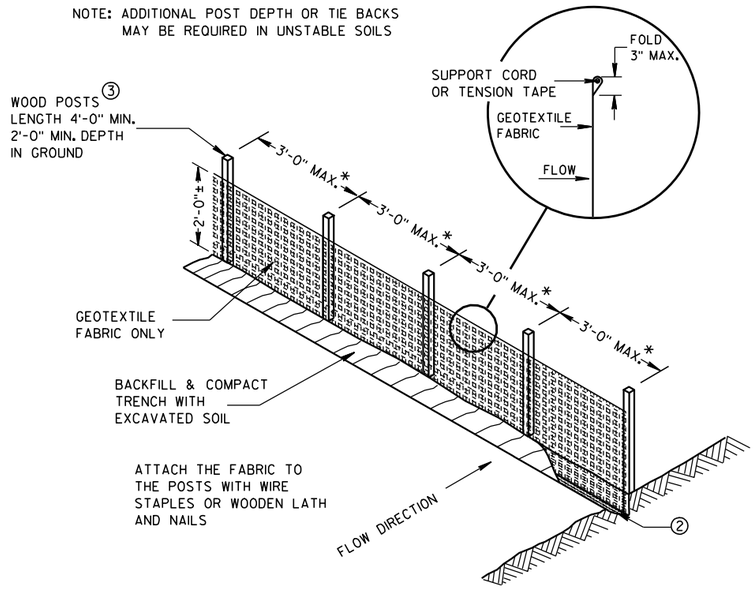
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

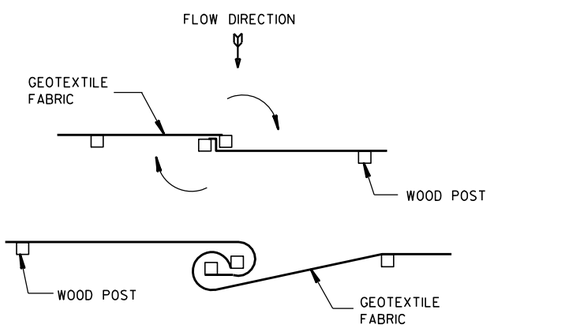
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



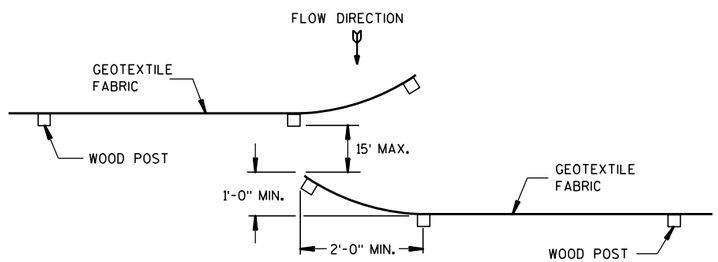
TRENCH DETAIL



SILT FENCE

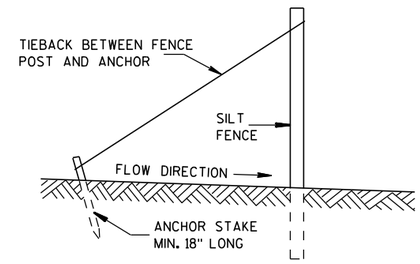


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

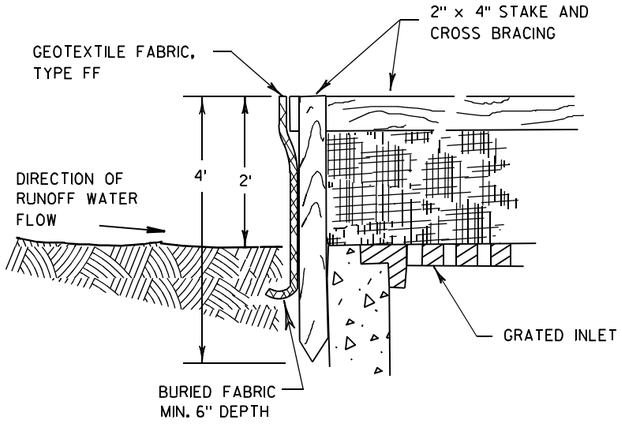
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

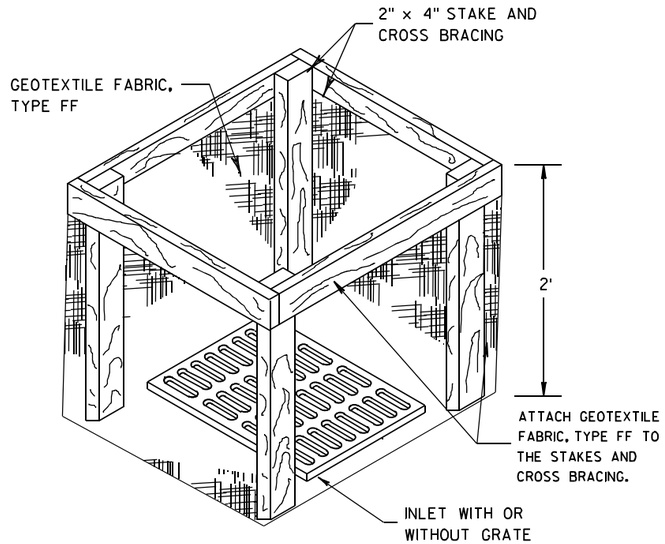
6

S.D.D. 8 E 9-6

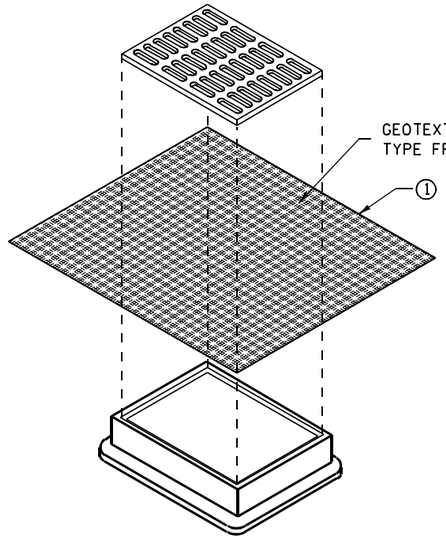
6

S.D.D. 8 E 9-6



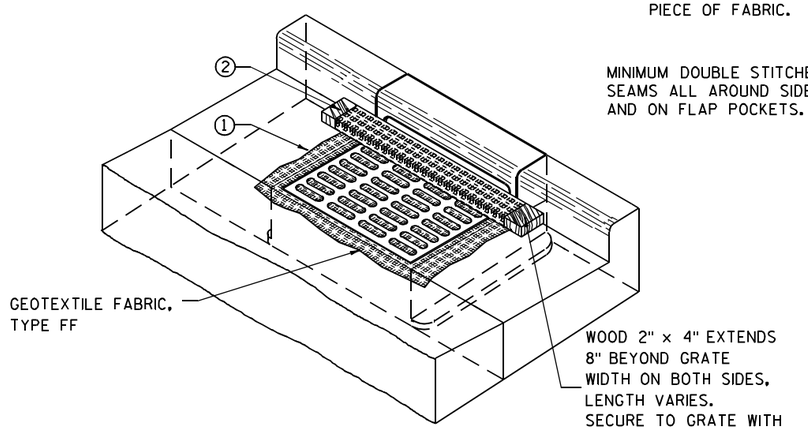


INLET PROTECTION, TYPE A

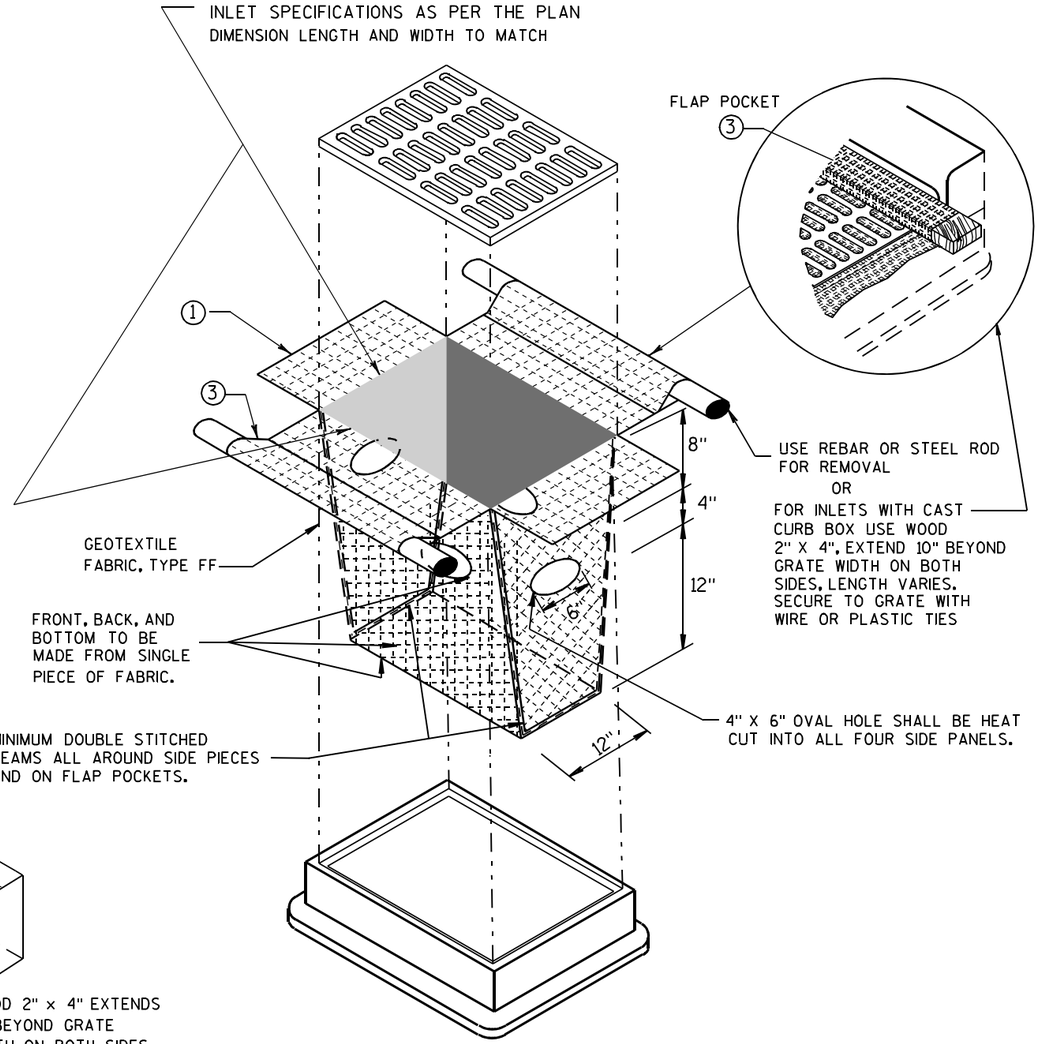


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

6

S.D.D. 8 E 10-2

6

S.D.D. 8 E 10-2

METAL APRON ENDWALLS

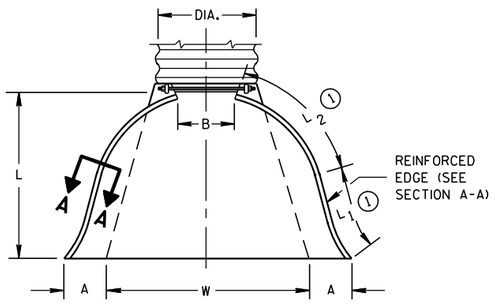
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

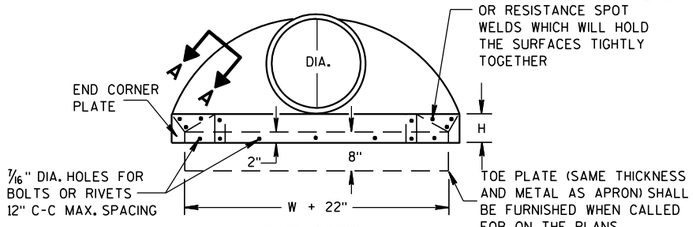
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

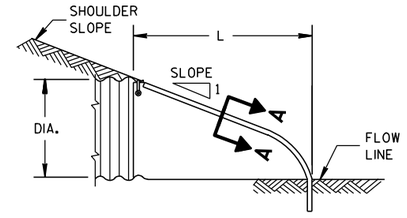
*MINIMUM
**MAXIMUM



PLAN VIEW

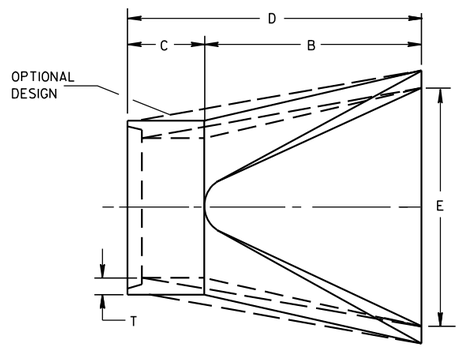


END VIEW

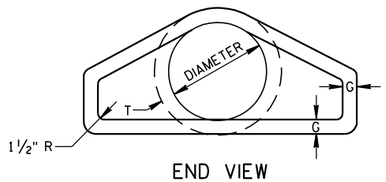


SIDE ELEVATION

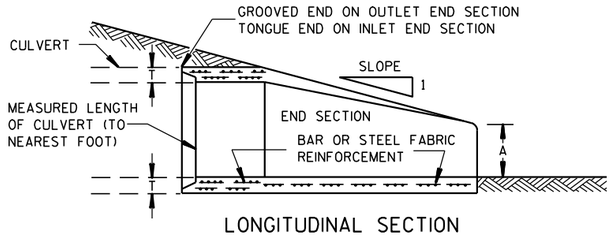
METAL ENDWALLS



PLAN

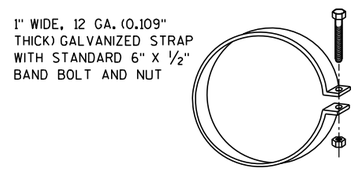


END VIEW



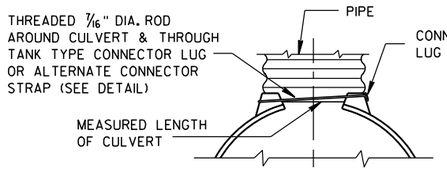
LONGITUDINAL SECTION

CONCRETE ENDWALLS

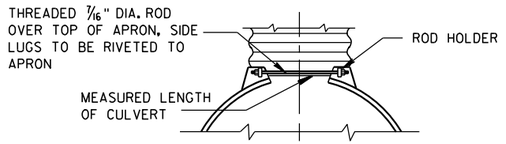


ALTERNATE FOR TYPE 1 CONNECTION

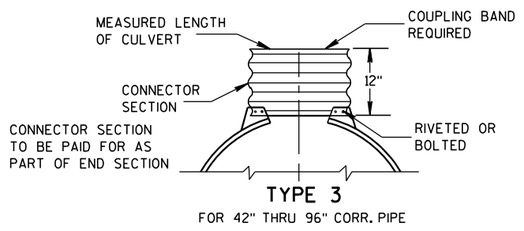
END SECTION CONNECTOR STRAP



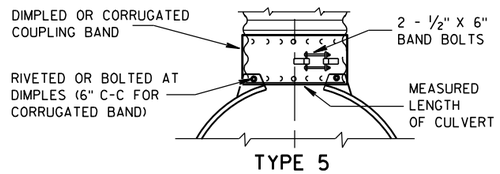
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

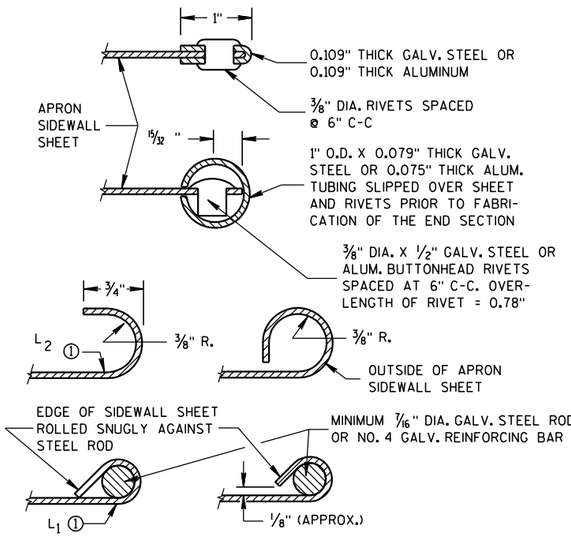
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

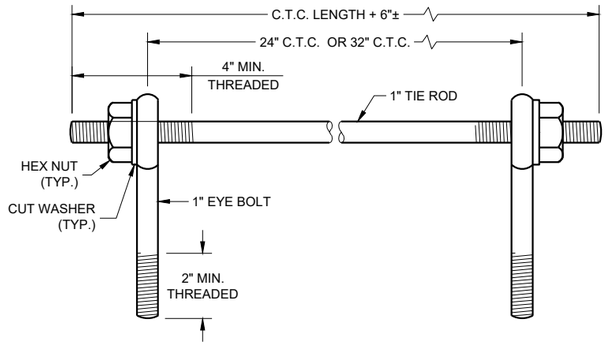
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

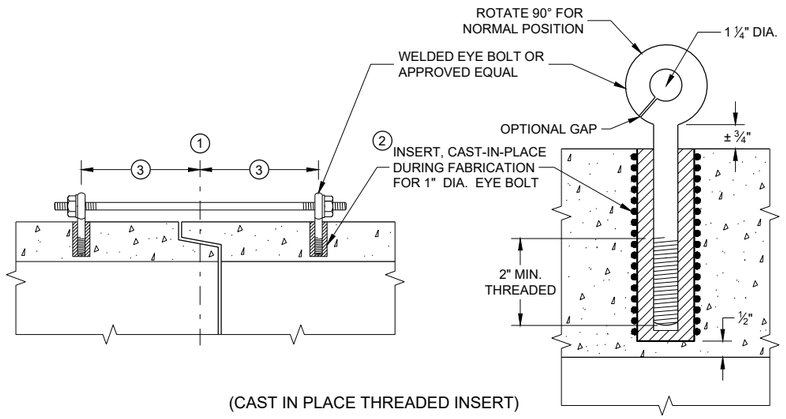
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOP 256 NEER
FHWA

6

S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

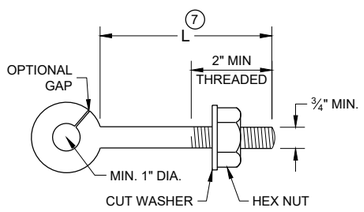
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

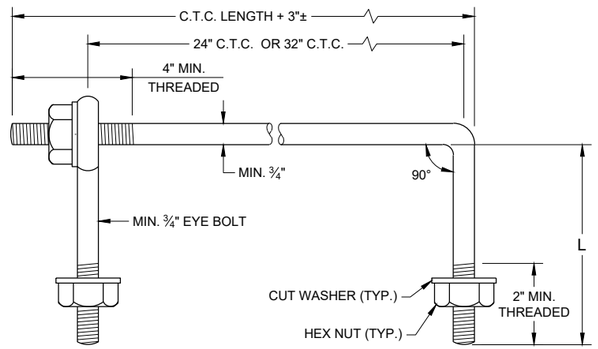
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

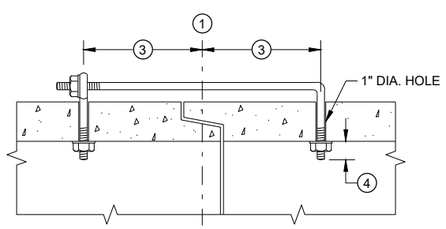


EYE BOLT (7)

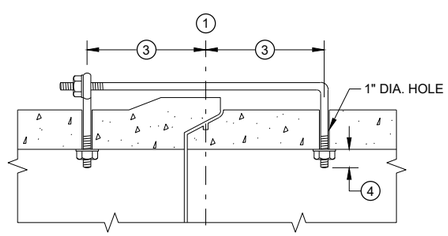
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

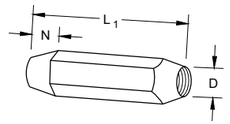
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

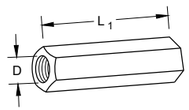
ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



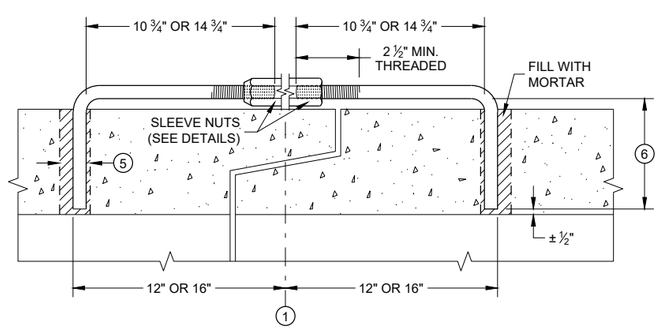
TAPERED



PLAIN

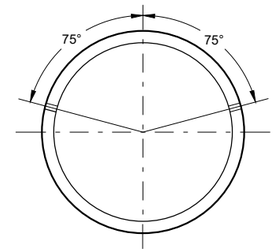
RIGHT AND LEFT THREADS

SLEEVE NUTS



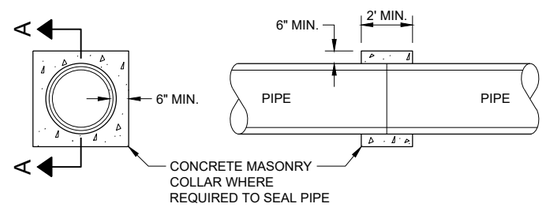
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

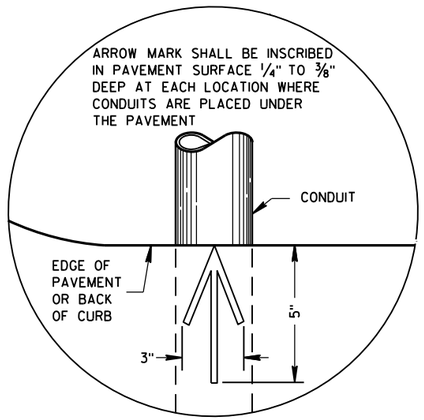
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

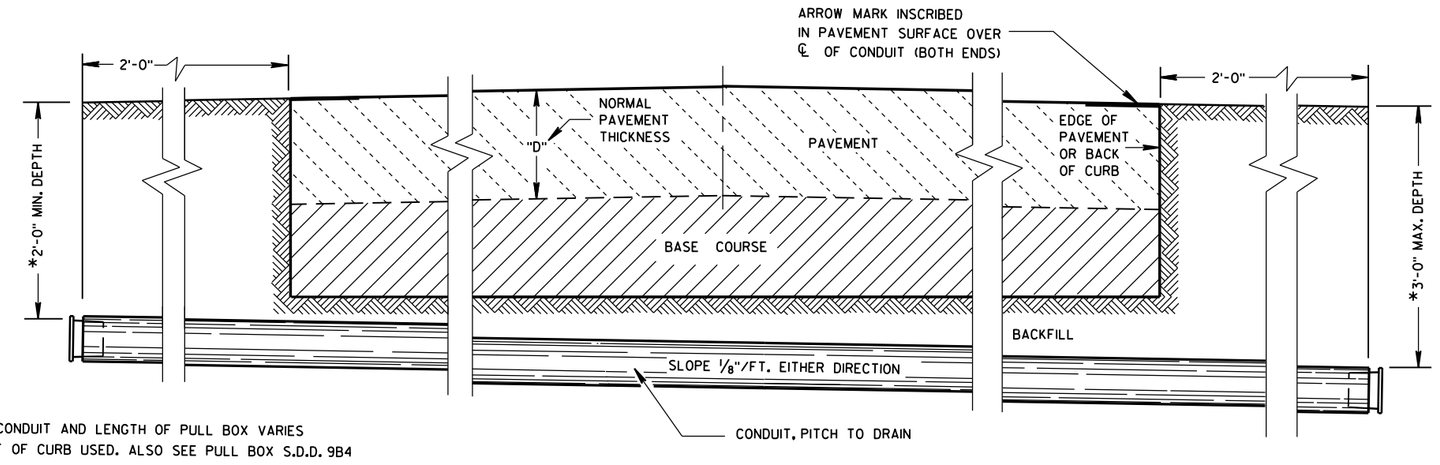
FHWA

6
SDD 08F04 - 08



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

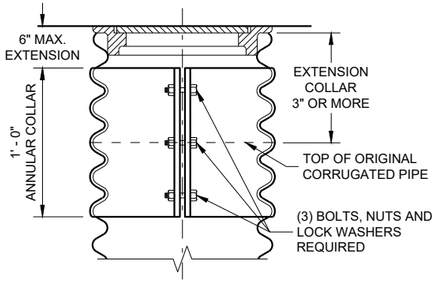
CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

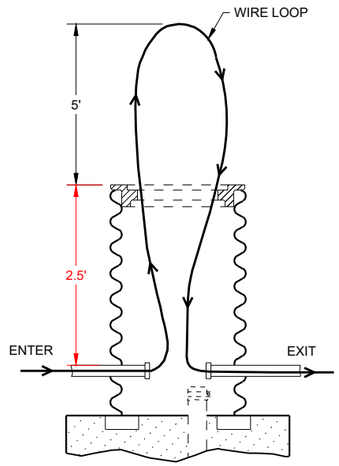
APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL 258
FHWA

6

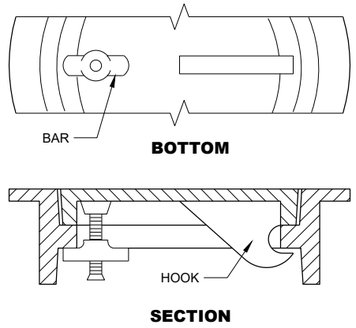
S.D.D. 9 B 2-10



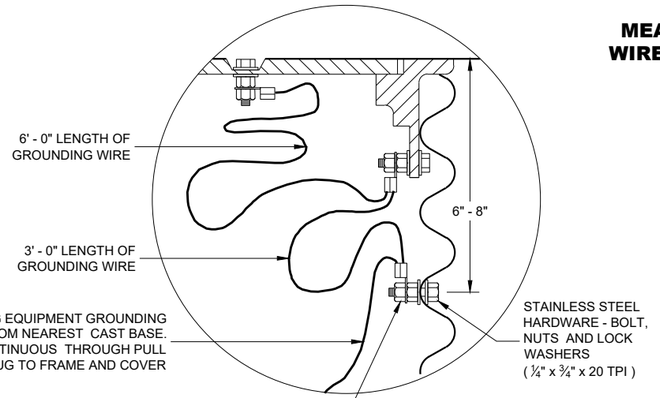
CORRUGATED PIPE EXTENDER



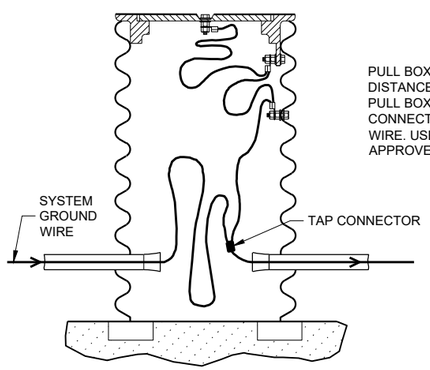
MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



ALTERNATE COVER (LOCKING)
TIGHTENING BAR TYPE

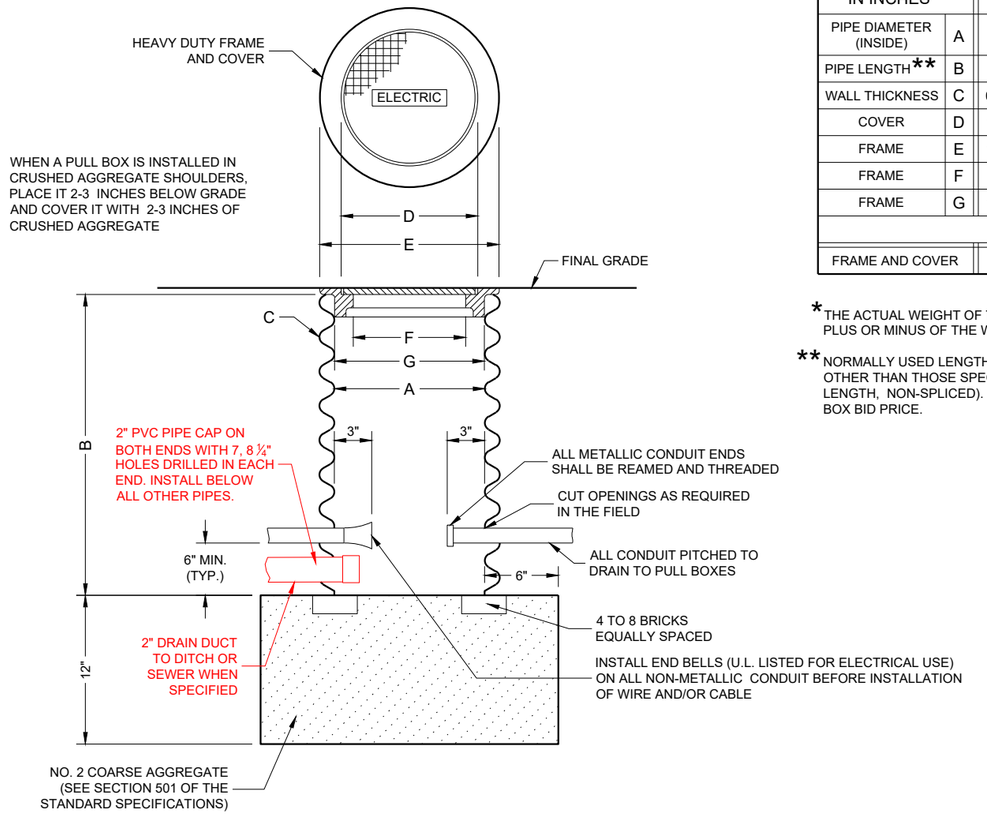


EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



PULL BOX

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH**	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 ¼	10 ¼	10 ¼	16 ¼	16 ¼	16 ¼	22 ¼	22 ¼	22 ¼
FRAME	E	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½	26 ½	26 ½	26 ½
FRAME	F	8 ½	8 ½	8 ½	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½
FRAME	G	11 ½	11 ½	11 ½	17 ½	17 ½	17 ½	23 ½	23 ½	23 ½
WEIGHT IN POUNDS*										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

*THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

**NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.

PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 259

FHWA

6
SDD 09B04-12

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

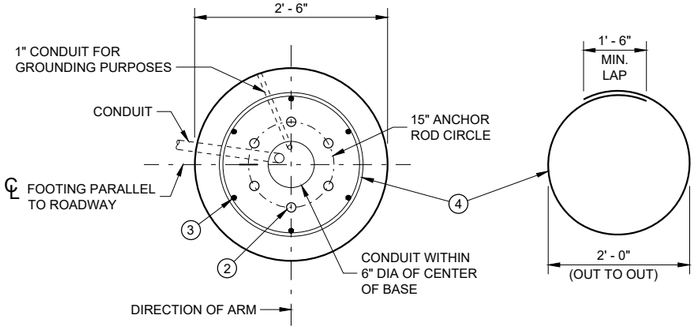
(2) (6) 1 ½ DIA. X 4' - 4" ANCHOR RODS

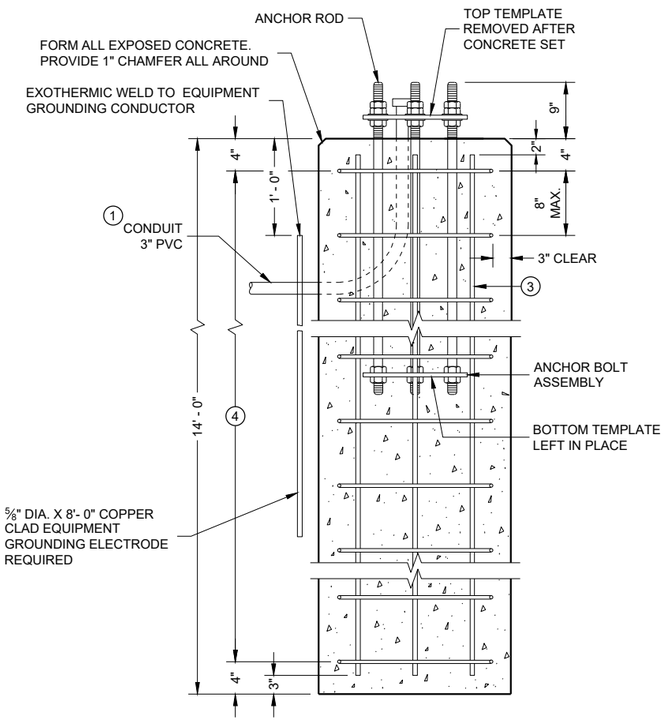
(3) (6) NO. 6 X 13' - 7" BAR STEEL REINFORCEMENT.

(4) (21) NO. 5 X 7'-10" BAR STEEL REINFORCEMENT @ 8" MAX. C-C.

CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE .....fy = 55,000 p.s.i.
WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION)
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.

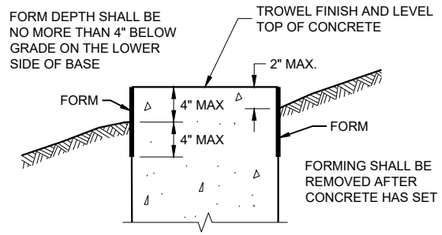
QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	172
LBS. OF VERTICAL BAR STEEL	122



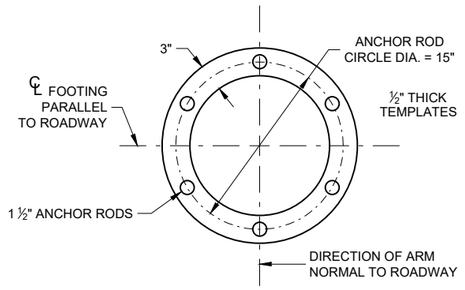


CONCRETE BASE, TYPE 10
(FOR TYPE 9, TYPE 10 AND OVER HEIGHT (OH) POLES)

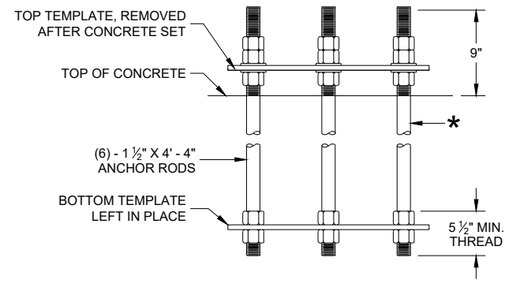
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE SDD 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



FORMING DETAIL



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

CONCRETE BASE TYPE 10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2017 — DATE
/S/ Ahmet Demerbilek — WIND LOADED STRUCTU PROGRAM LEADER
FHWA

6

SDD 09C11 - 10

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR RODS STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FORM ALL EXPOSED CONCRETE CORNERS WITH 1" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 ½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

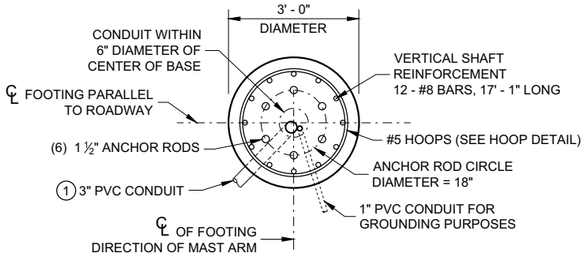
A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

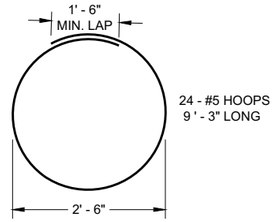
THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

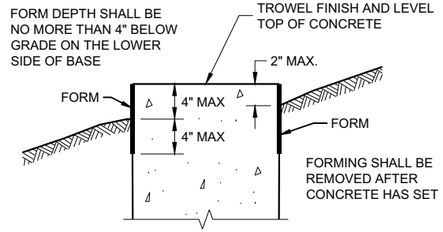
CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION).....fy = 55,000 p.s.i.
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.



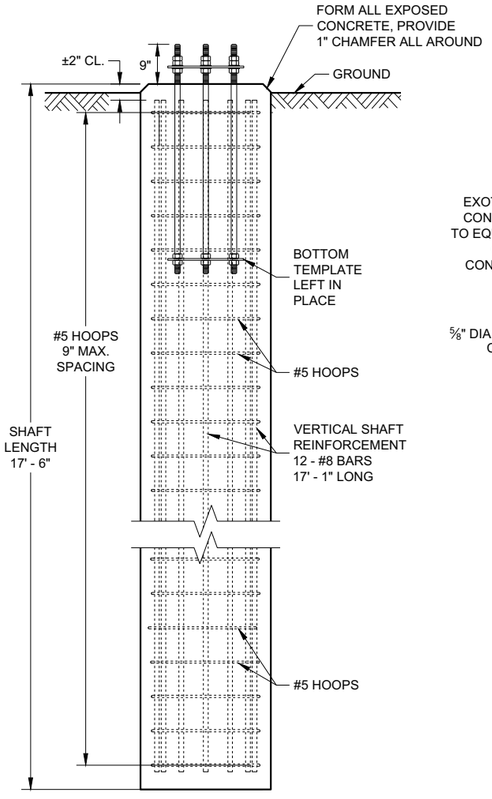
PLAN VIEW



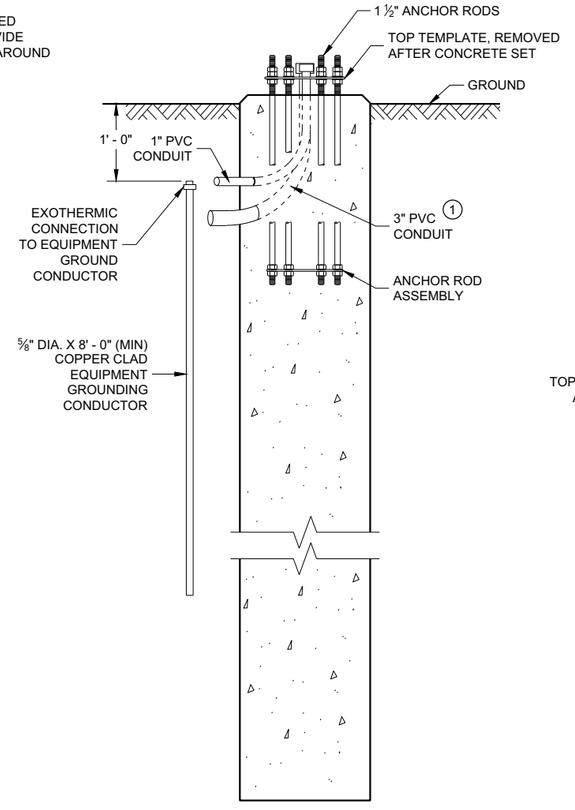
HOOP DETAIL



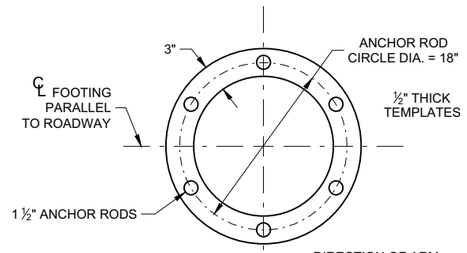
FORMING DETAIL



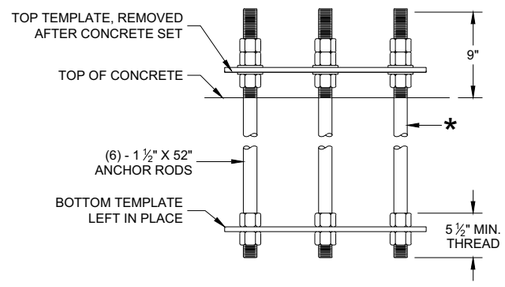
ELEVATION VIEW
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)



SIDE VIEW
(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

CONCRETE BASE, TYPE 10 SPECIAL
(FOR TYPE 9 SPECIAL AND TYPE 10 SPECIAL POLES)

CONCRETE = 4.6 CUBIC YARD
H.S. REINFORCEMENT = 779 LBS.

FOR USE WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.

CONCRETE BASE TYPE 10 SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

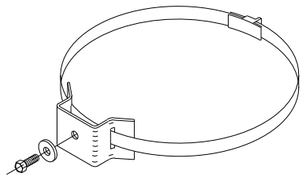
APPROVED
August 2020 — DATE
/S/ Alex Crabtree — WIND LOADED STRUCTU PROGRAM LEADER
FHWA

6

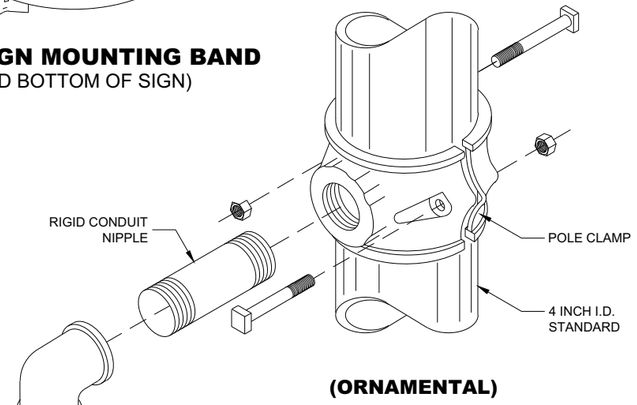
SDD 09C15 - 01

6

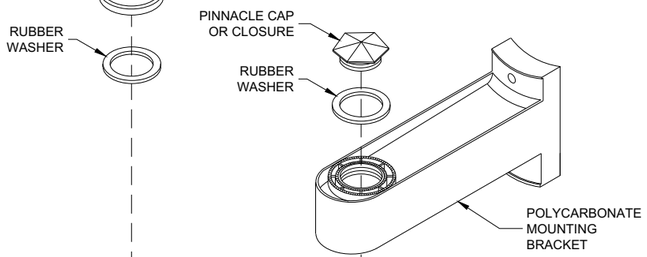
SDD 09C15 - 01



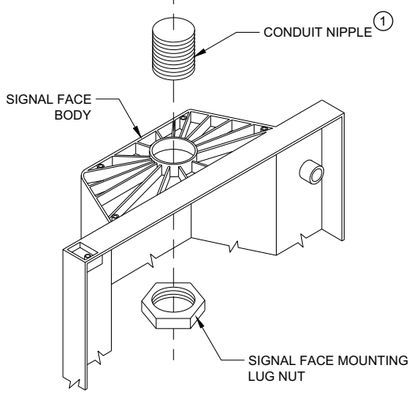
TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



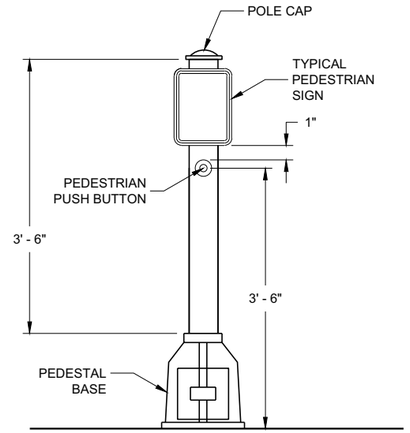
(ORNAMENTAL)



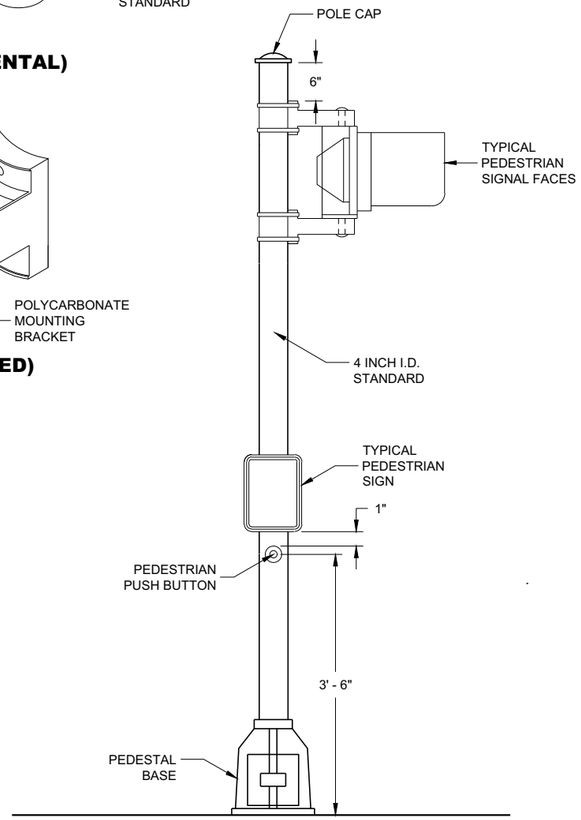
(BANDED)



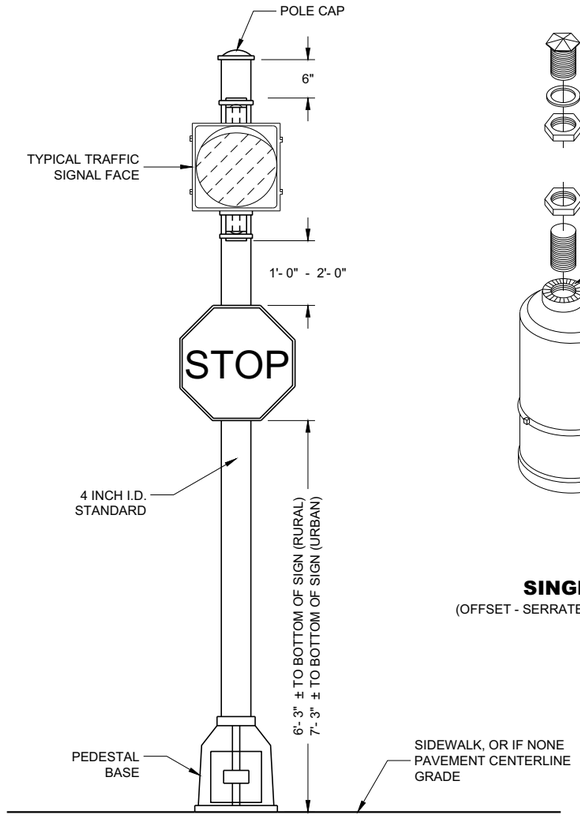
SIGNAL FACE MOUNTING DETAILS



PEDESTRIAN PUSH BUTTON TYPICAL MOUNTING



PEDESTRIAN FACE STANDARD - 10 FT.
(WALK - DON'T WALK)



STANDARD FLASHER
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS, UNLESS APPROVED BY THE ENGINEER IN THE FIELD.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIFICATIONS.

POLYCARBONATE SIGNAL FACE MOUNTING BRACKETS SHALL BE USED UNLESS ORNAMENTAL POLE CLAMPS ARE SPECIFIED.

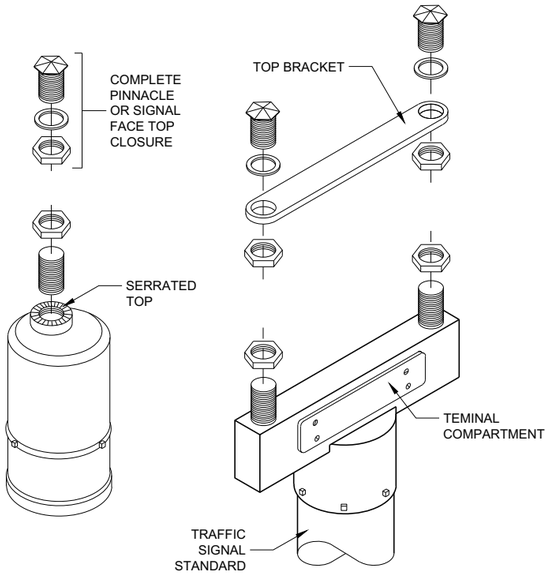
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE REGION TRAFFIC ENGINEER).

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(1) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACESAND BRACKET ENDS.



SINGLE
(OFFSET - SERRATED MOUNTING)

DOUBLE
(SERRATED MOUNTING)

SLIPFITTERS

TRAFFIC SIGNAL STANDARD
PEDESTRIAN AND FLASHER
TYPICAL MOUNTING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

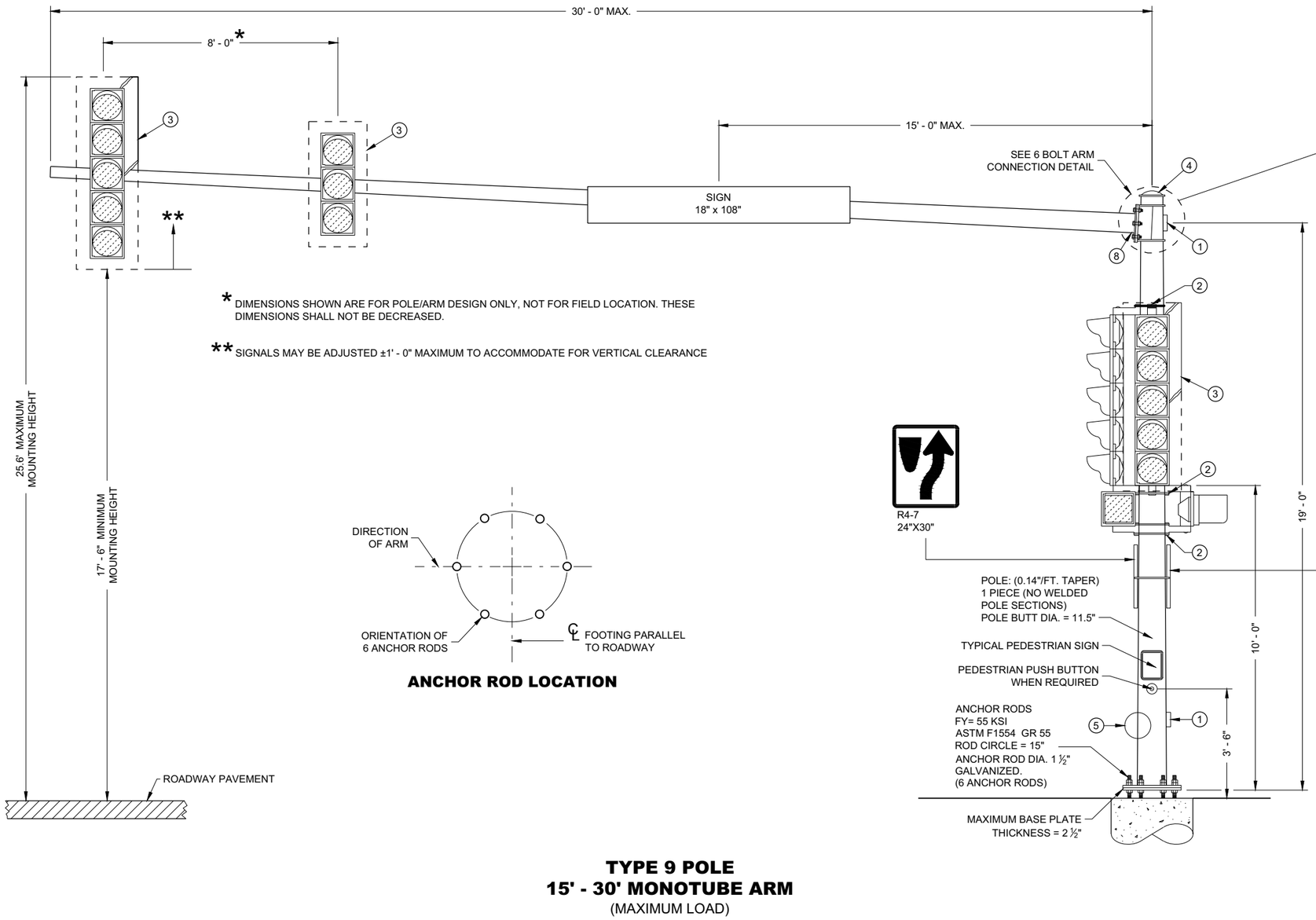
APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

6

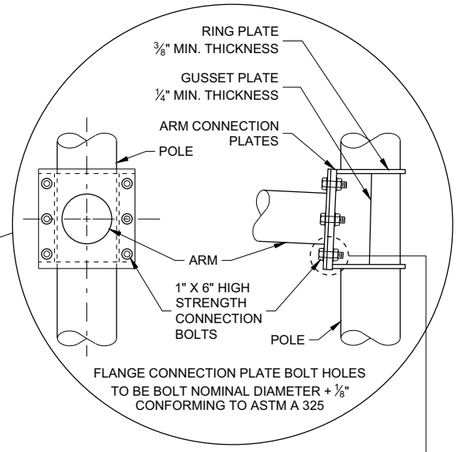
SDD 09E07 - 06



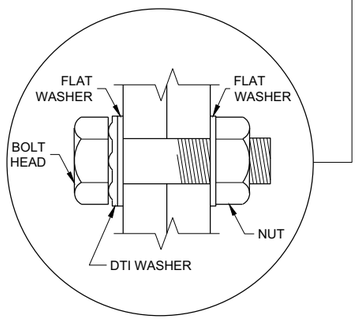
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

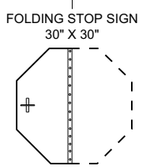
ANCHOR ROD LOCATION



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL



TYPE 9 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 9 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

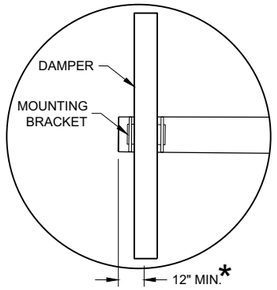
APPROVED
August 2020
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

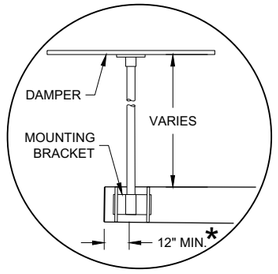
FHWA

6

SDD 09E08 - 09a

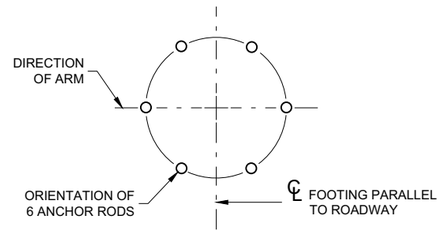


DUMBBELL VIBRATION DAMPER

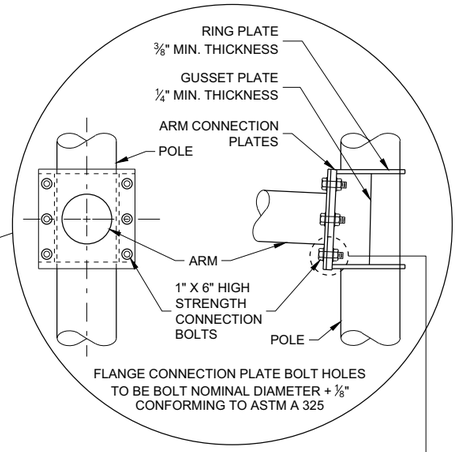


FLAT VIBRATION DAMPER

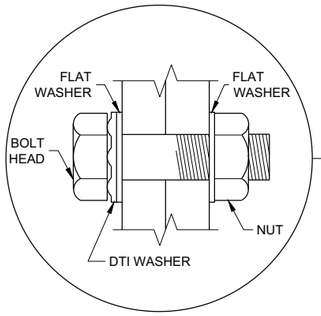
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



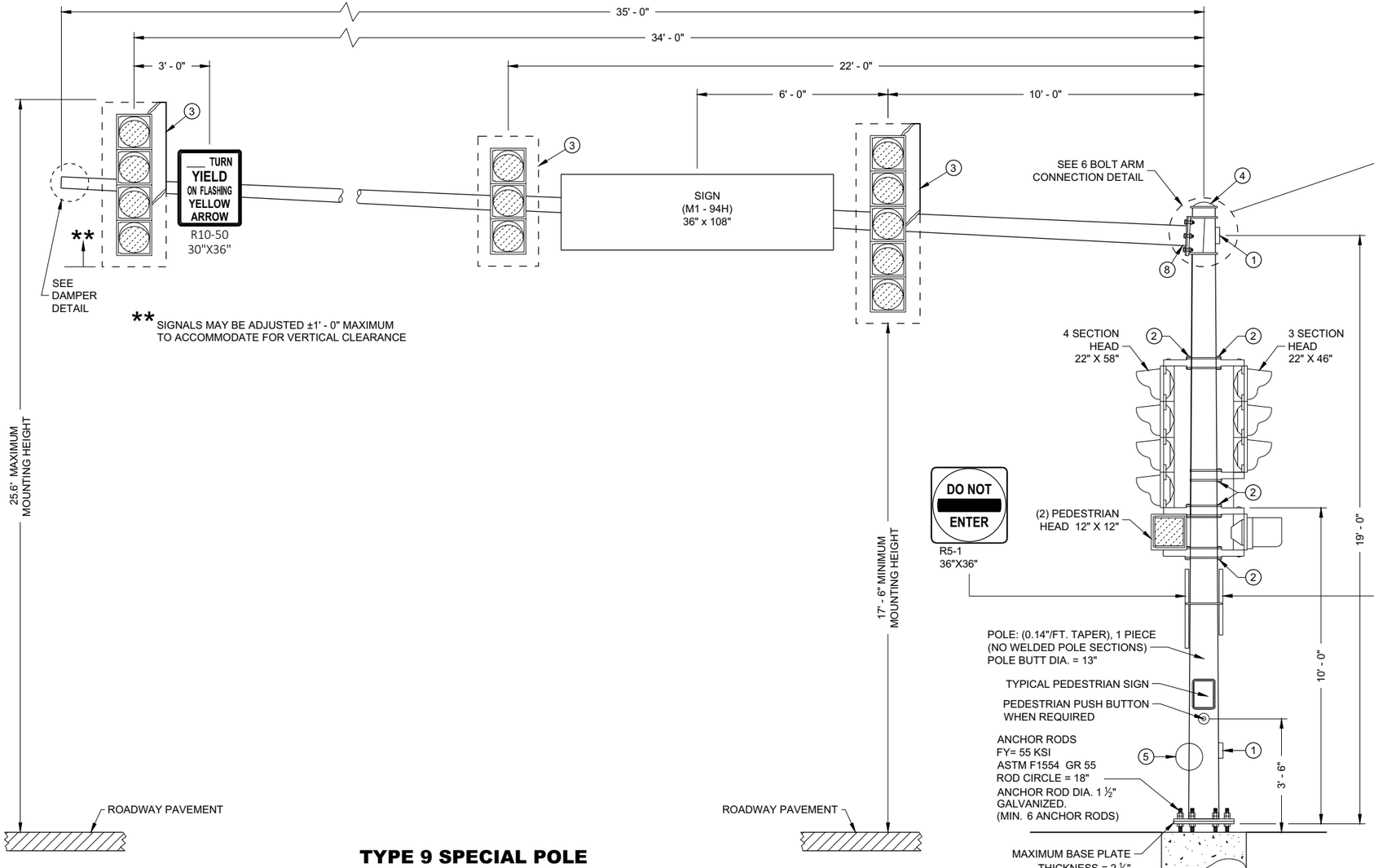
ANCHOR ROD LOCATION



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL



TYPE 9 SPECIAL POLE
35' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 9 SPECIAL POLE
35' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 264

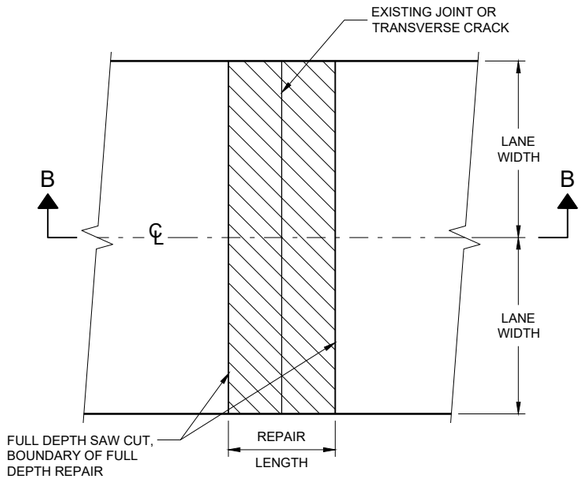
FHWA

6

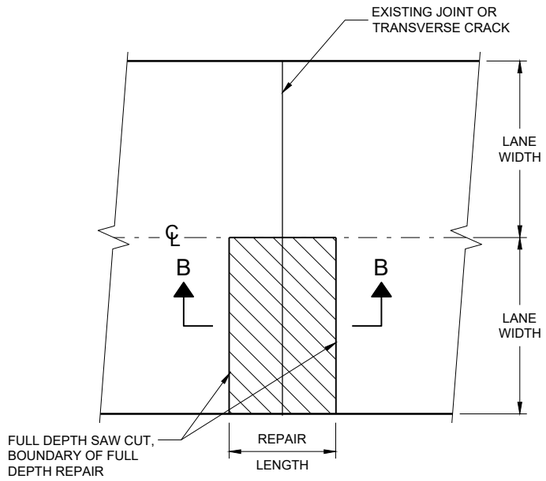
SDD 09E08 - 09b

6

SDD 09E08 - 09b



PLAN VIEW
DOUBLE LANE REPAIR



PLAN VIEW
SINGLE LANE REPAIR

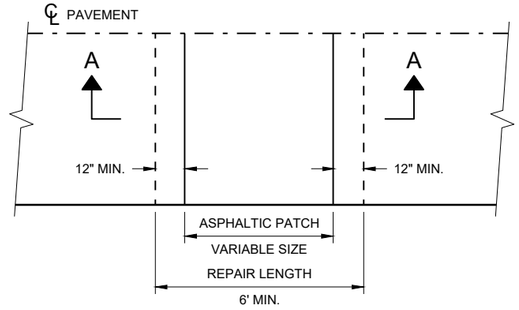
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

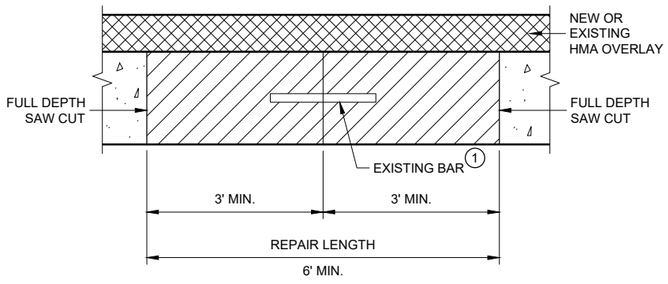
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

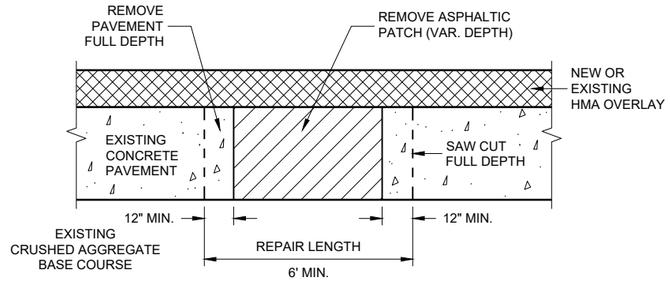


PLAN VIEW

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B
CONCRETE REMOVAL



SECTION A - A

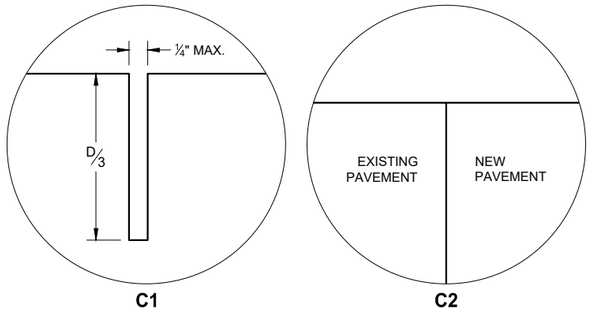
HMA PATCH REMOVAL

BASE PATCHING CONCRETE

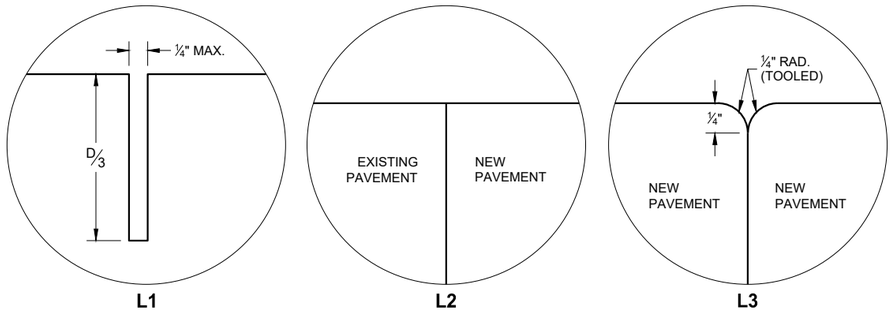
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

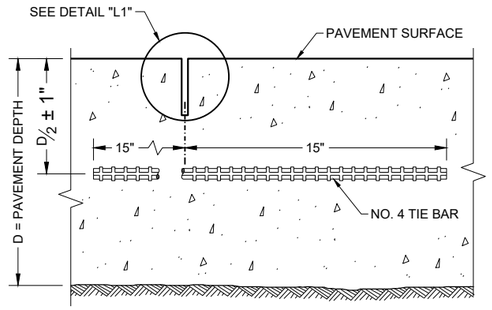
SDD 13C14 - 07a



TRANSVERSE JOINTS

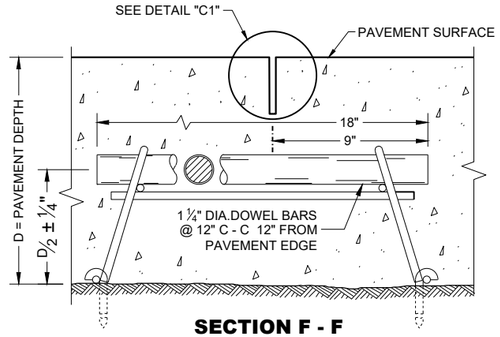


LONGITUDINAL JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

CONTRACTION JOINT

GENERAL NOTES

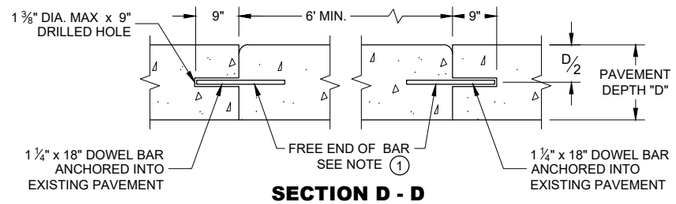
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

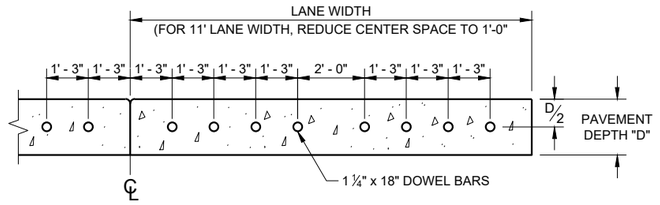
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT O EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

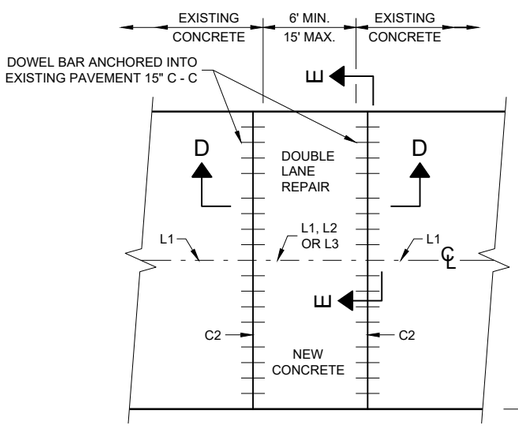


SECTION D - D



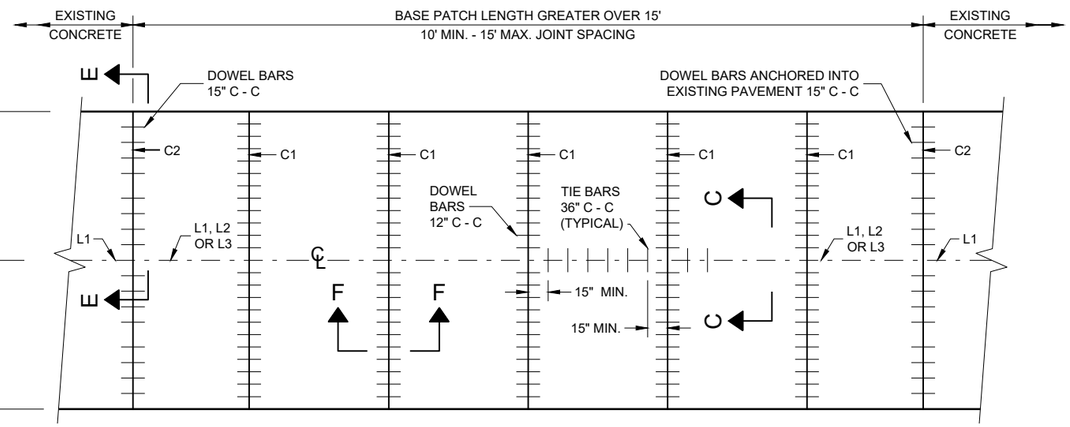
SECTION E - E

SPACING OF DOWEL BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

MULTILANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

MULTILANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

BASE PATCHING CONCRETE

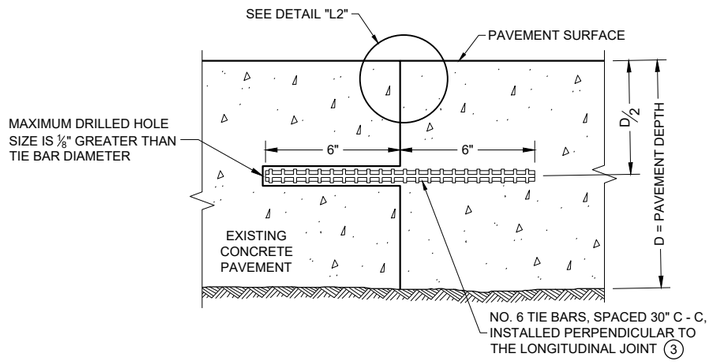
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 266

SDD 13C14 - 07b

SDD 13C14 - 07b

6

6

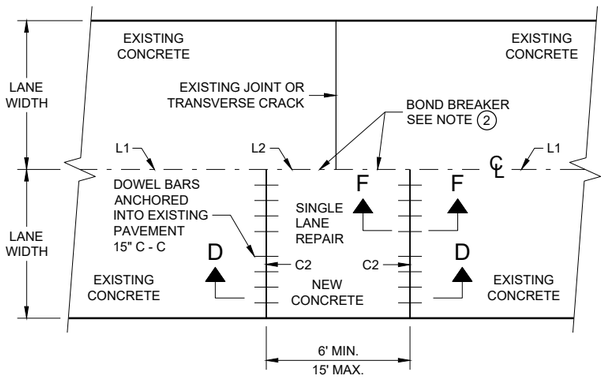


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

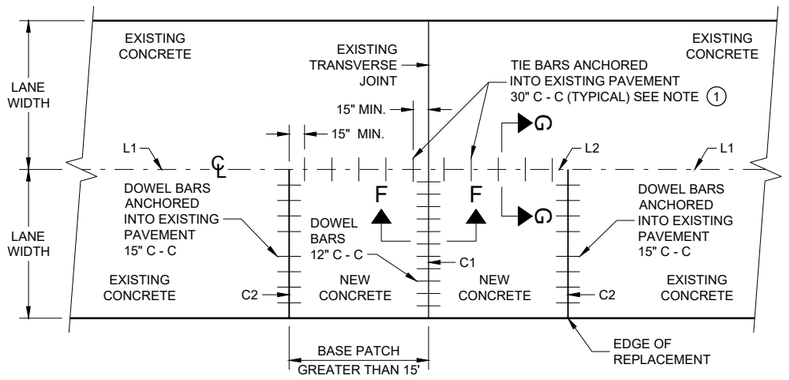
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH GREATER THAN 15' LENGTH

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

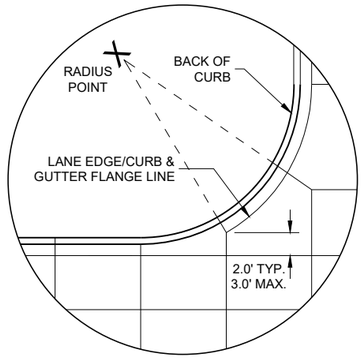
APPROVED
March 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISO

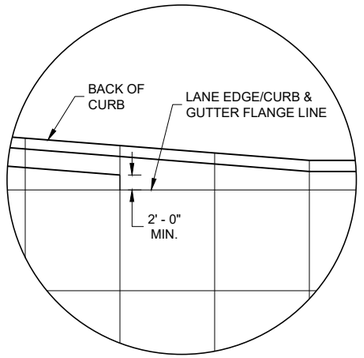
FHWA

6

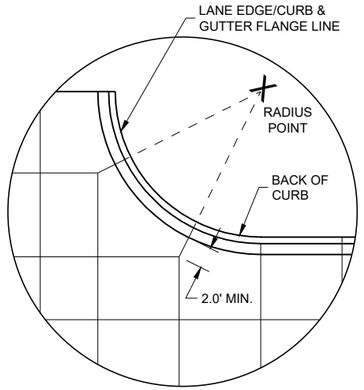
SDD 13C14 - 07c



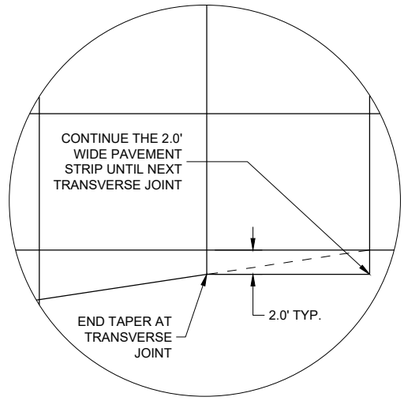
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

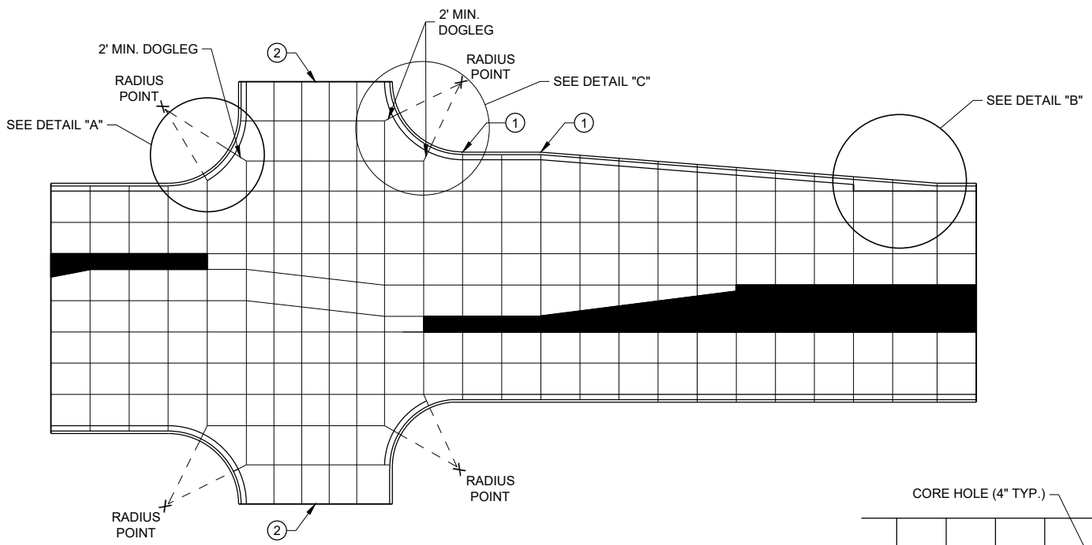
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

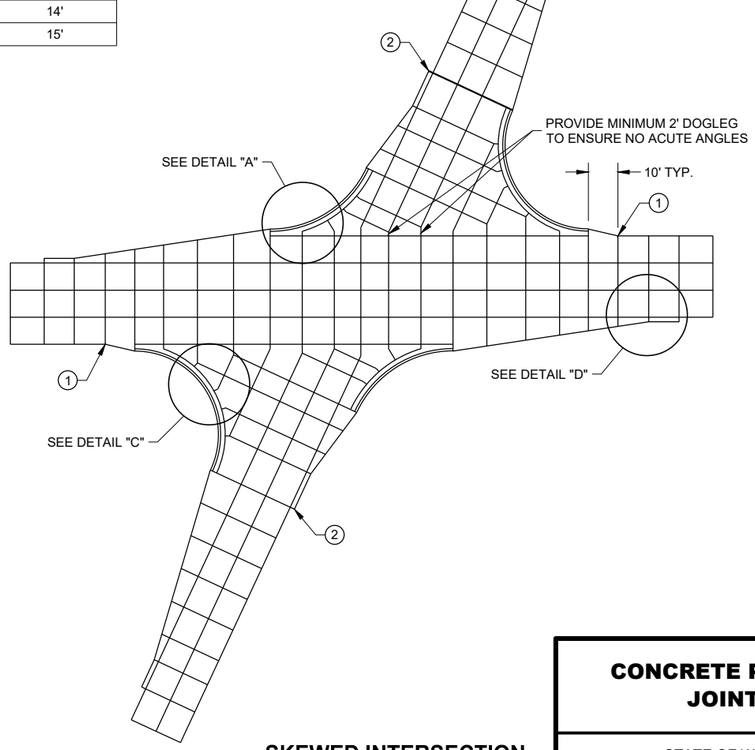
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



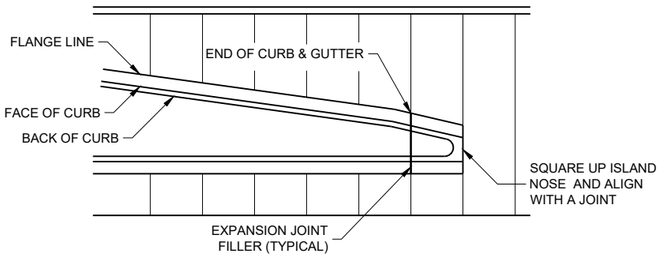
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

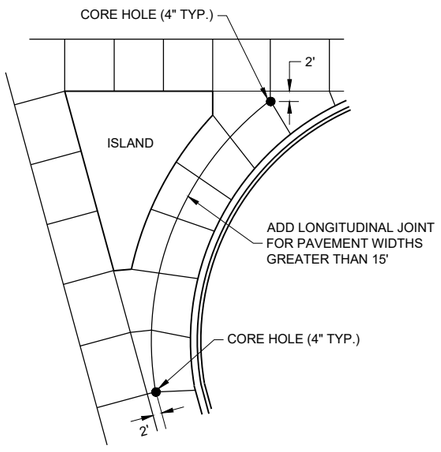
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08a

6

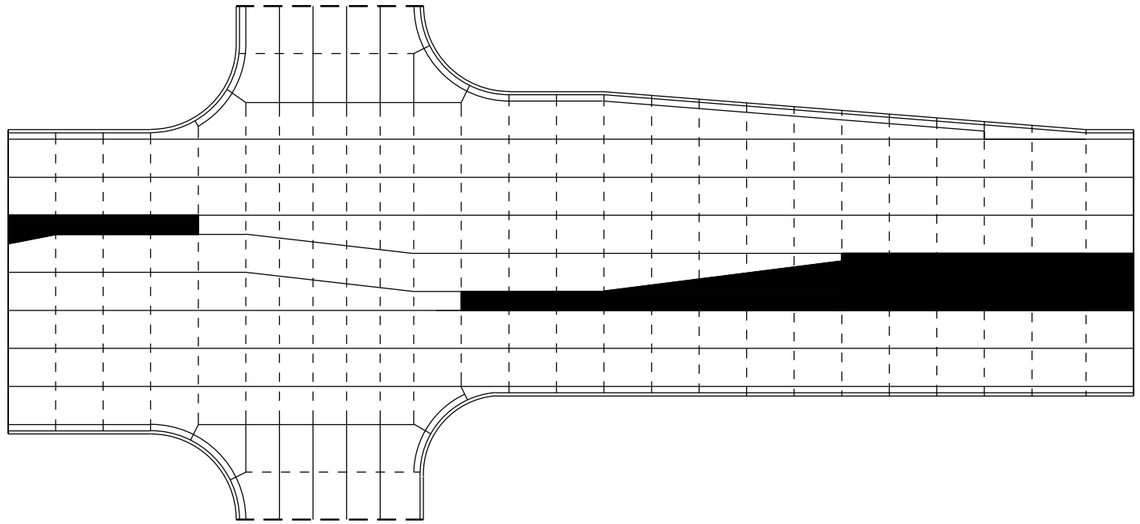
SDD 13C18 - 08a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

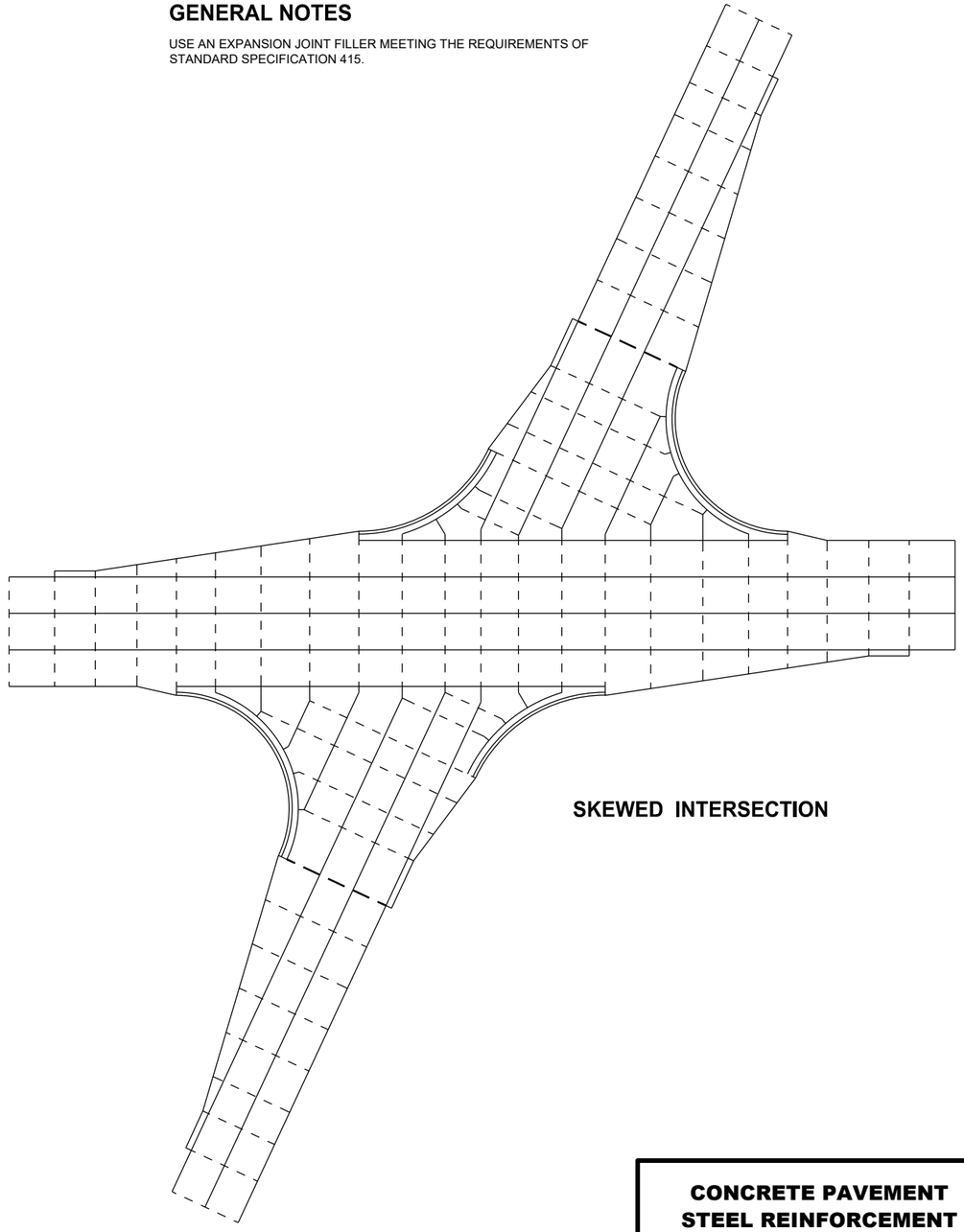
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

6

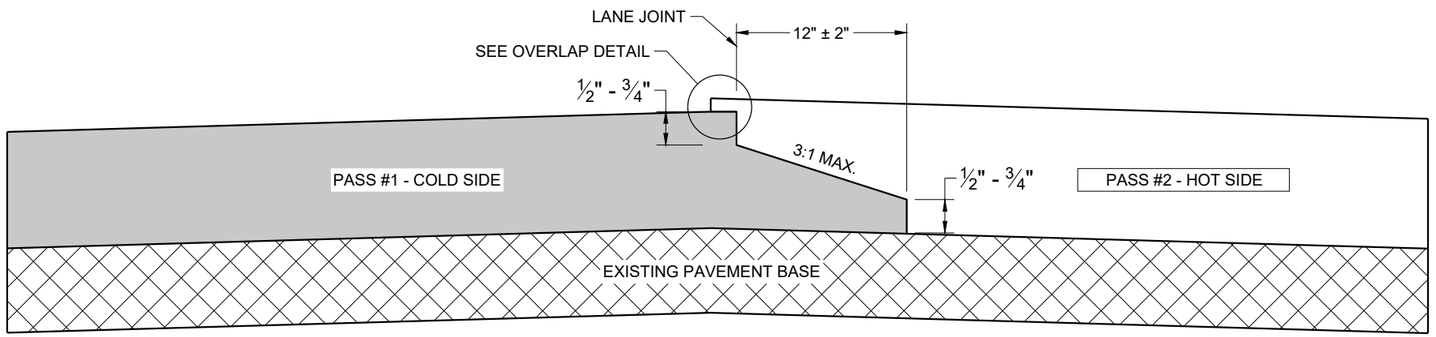
SDD 13C18 - 08b

CONCRETE PAVEMENT STEEL REINFORCEMENT

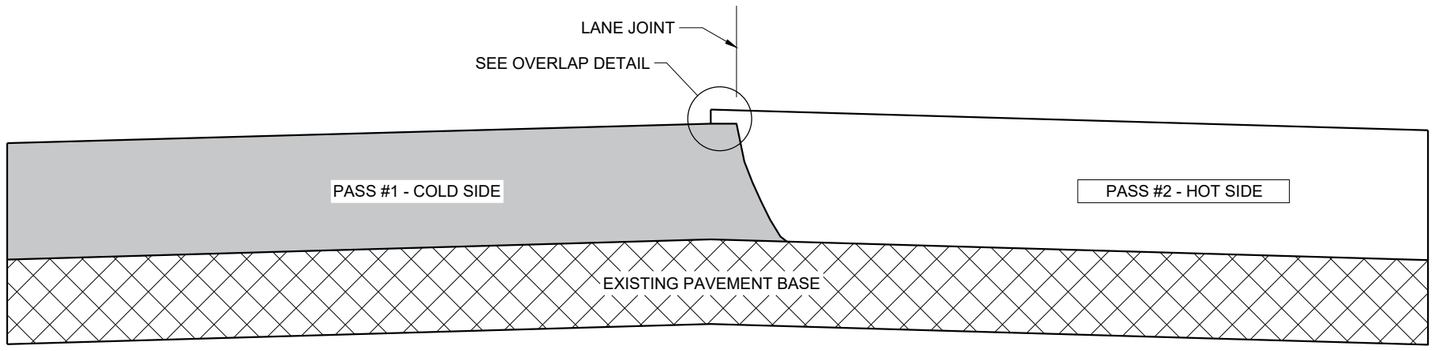
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

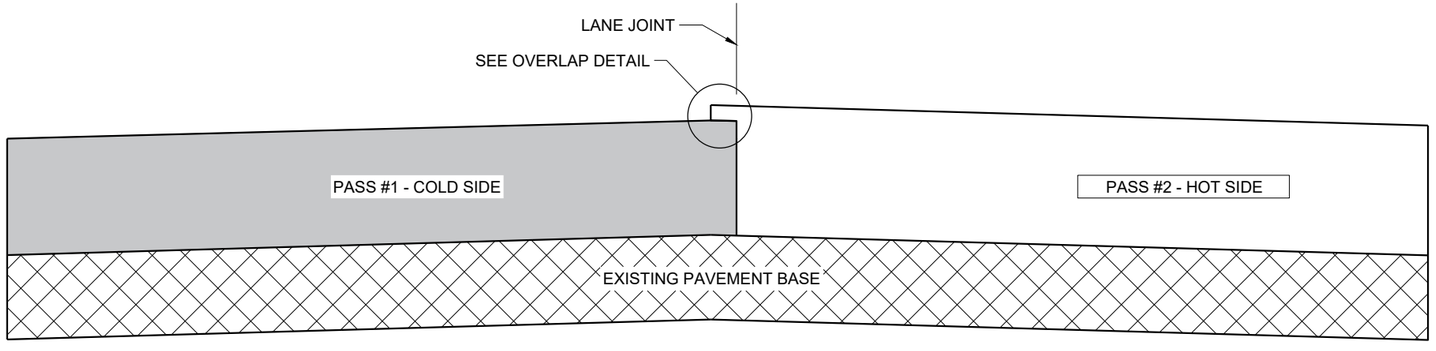
SDD 13C18 - 08b



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

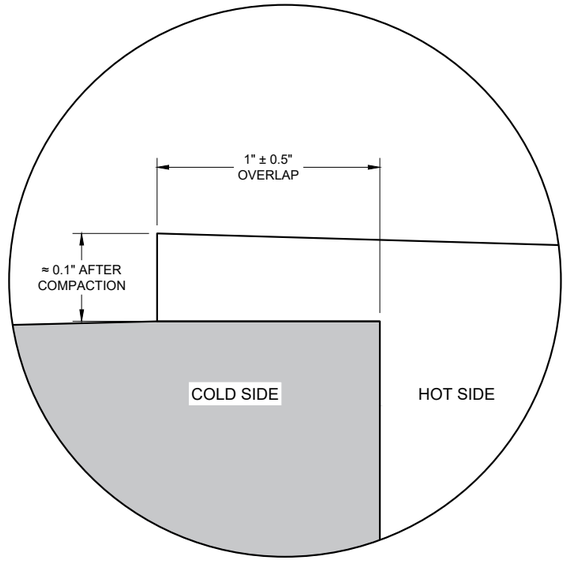
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

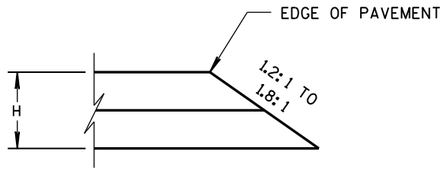
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

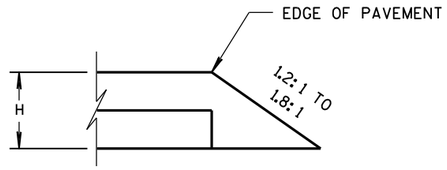
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



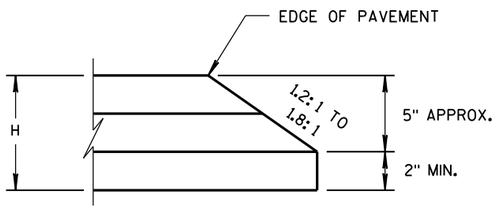
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



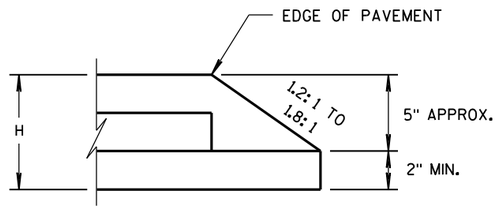
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

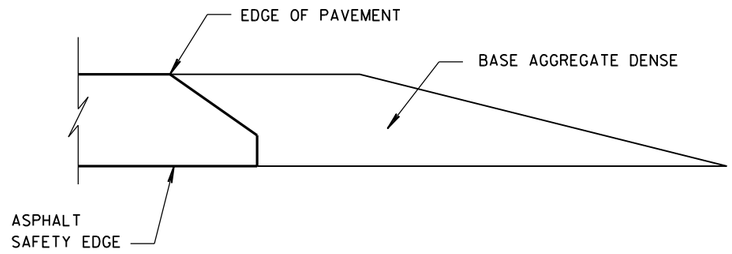
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

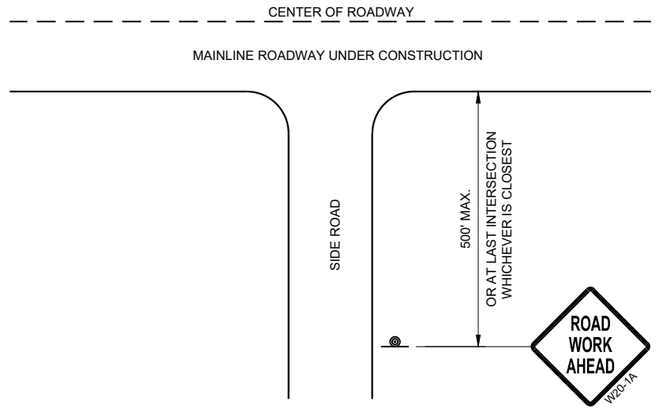
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



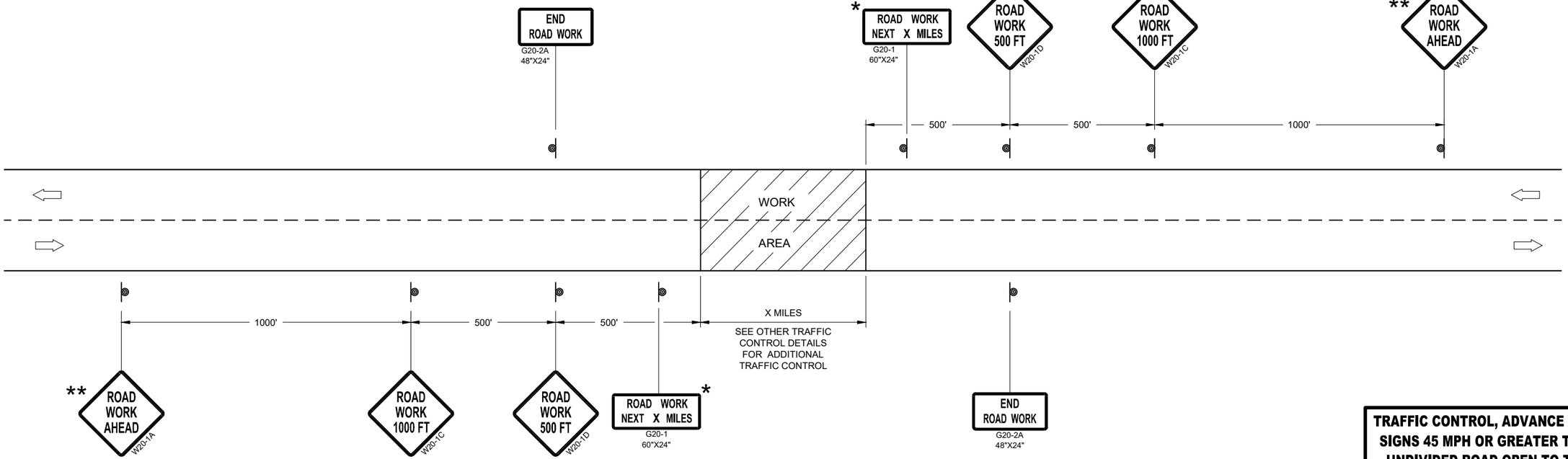
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C04 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

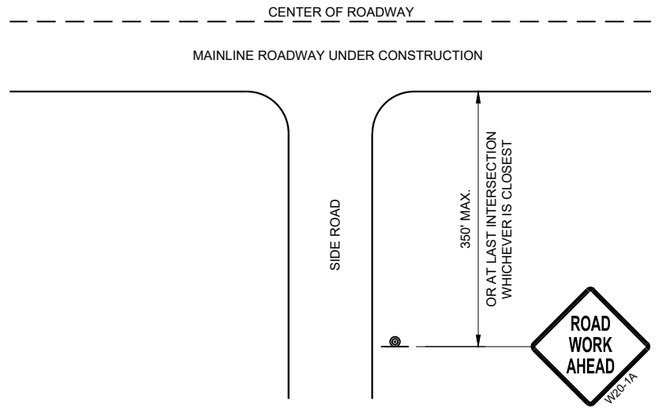
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

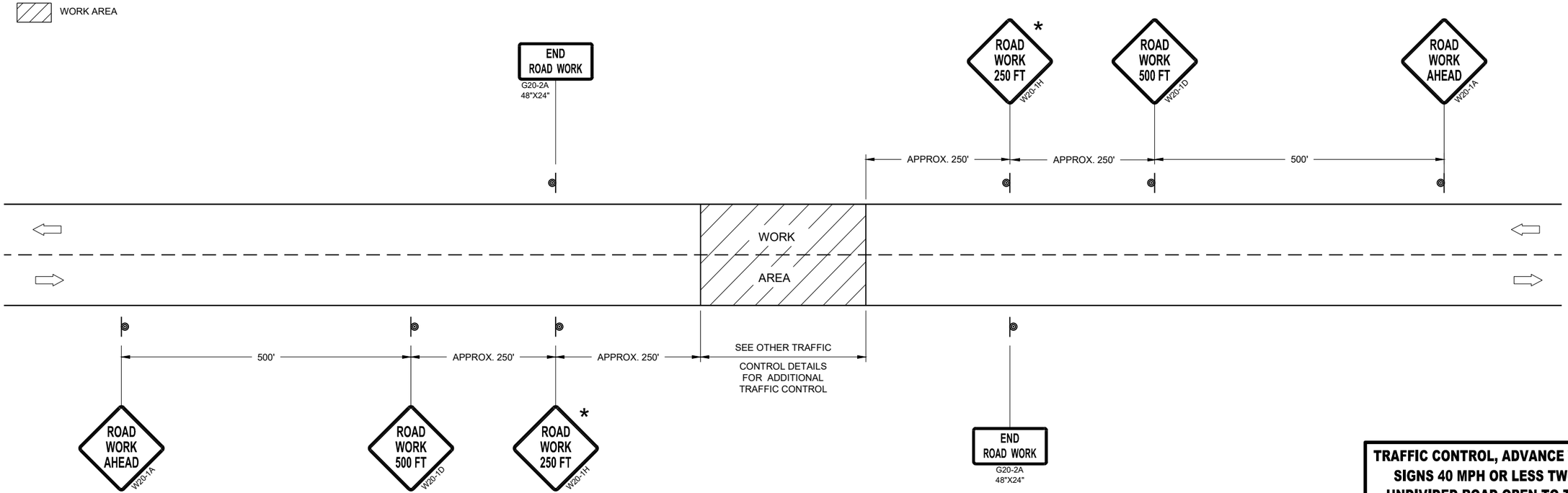
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

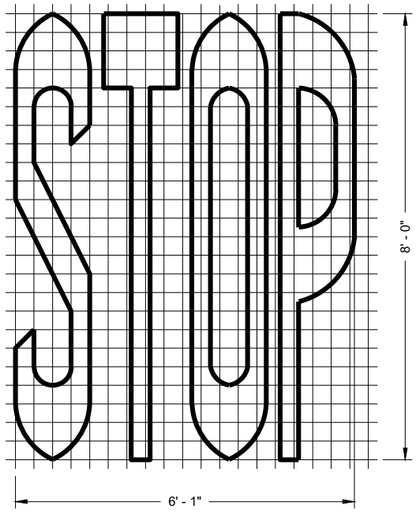
APPROVED
July 2018
DATE

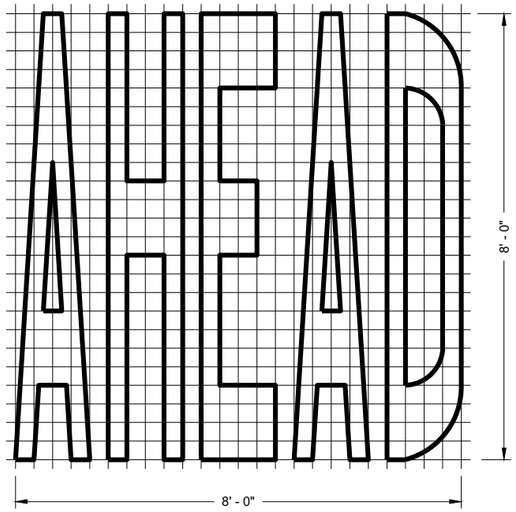
/S/ Andrew Heidtke
WORK ZONE ENGINEE

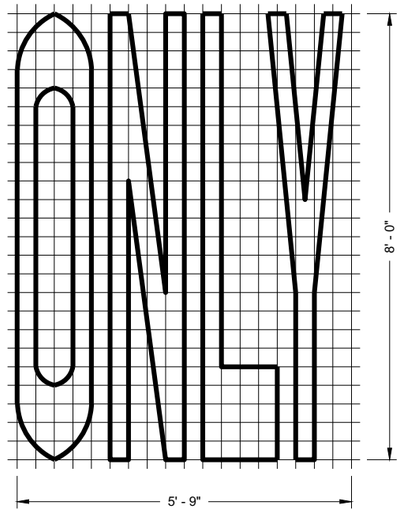
FHWA

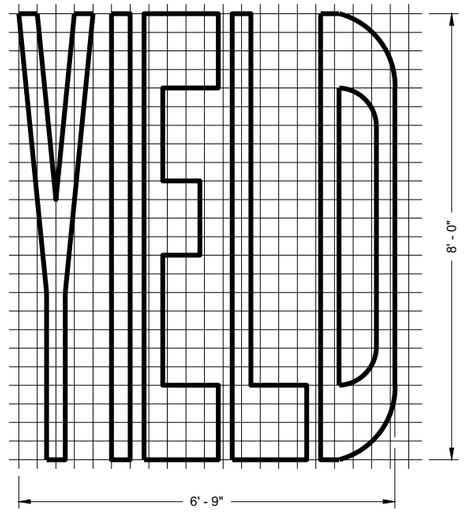
6

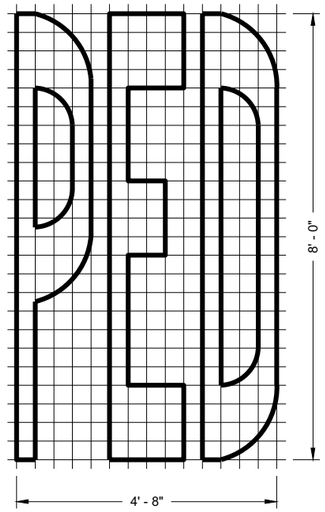
SDD 15C05 - 05

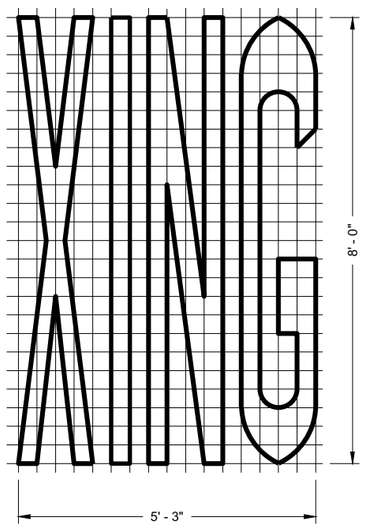


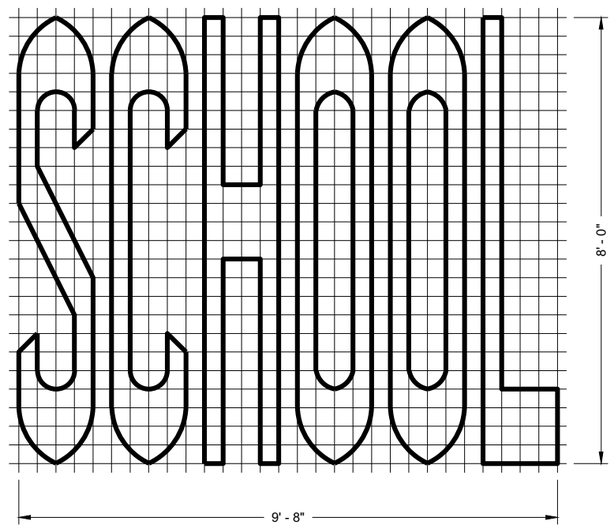




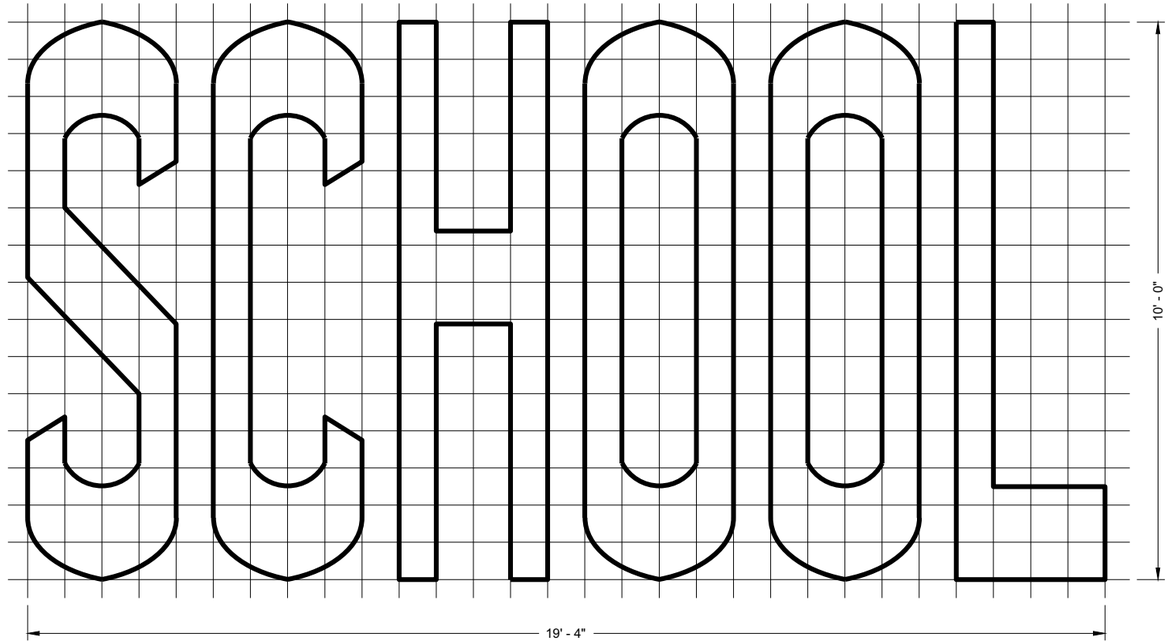








SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

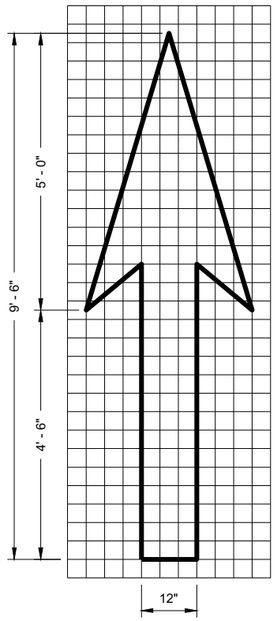
FHWA

6

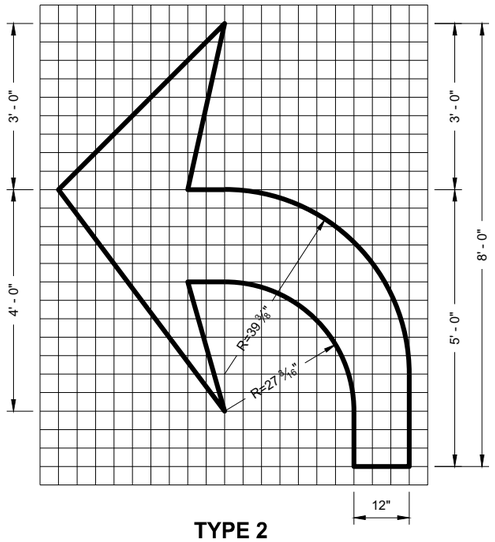
SDD 15C07 - 15b

6

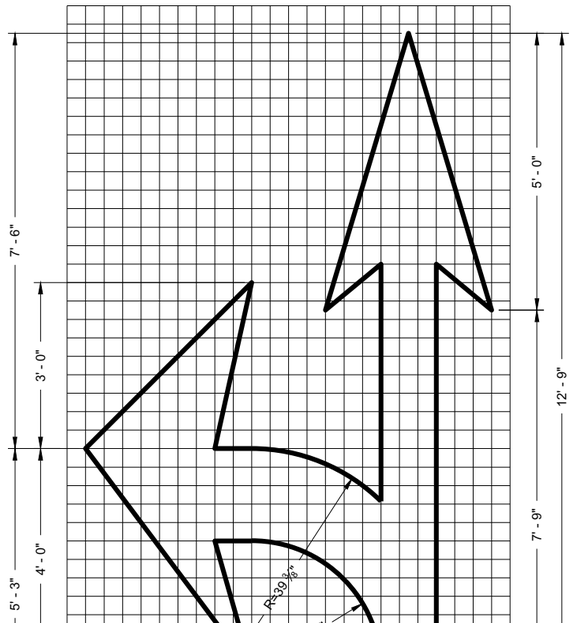
SDD 15C07 - 15b



TYPE 1



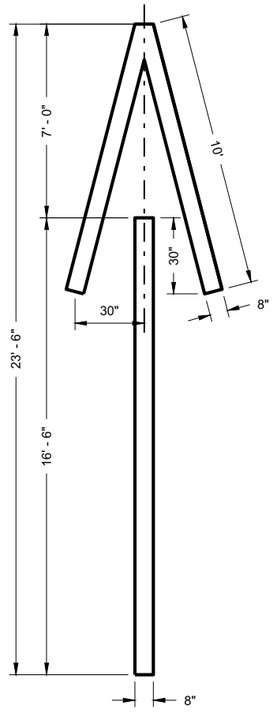
TYPE 2



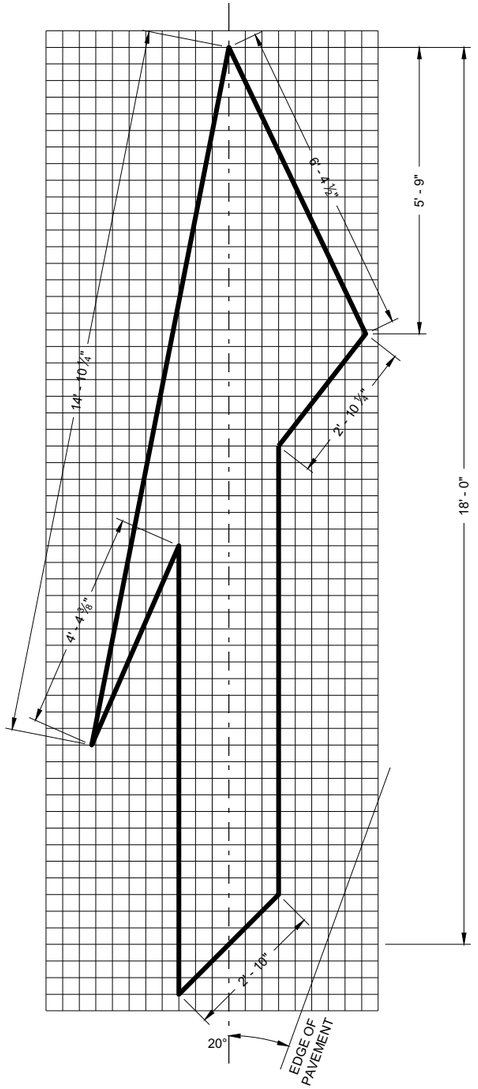
TYPE 3

GENERAL NOTES

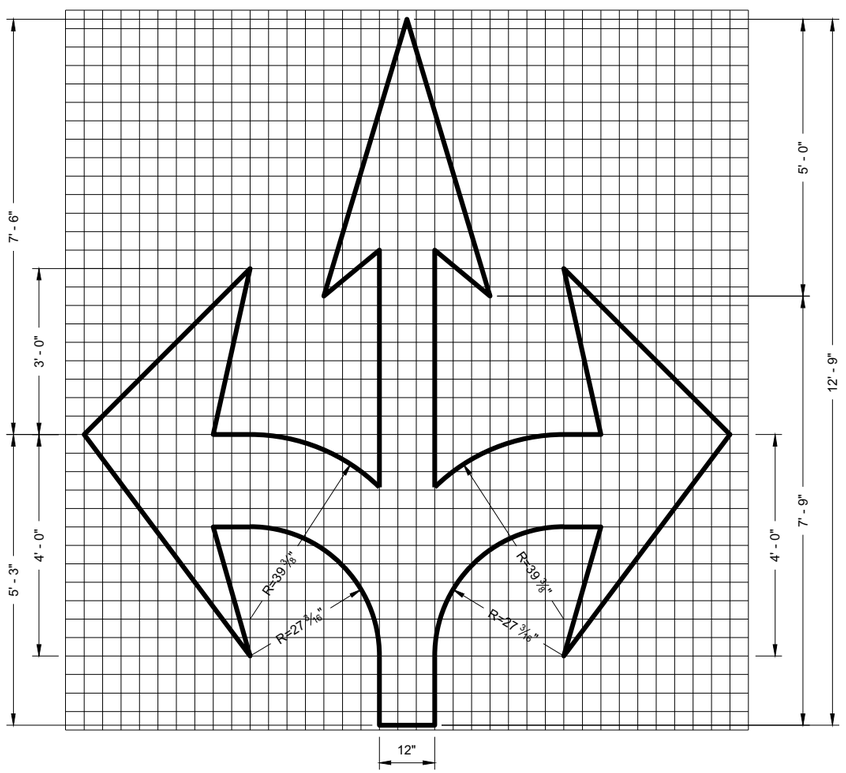
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



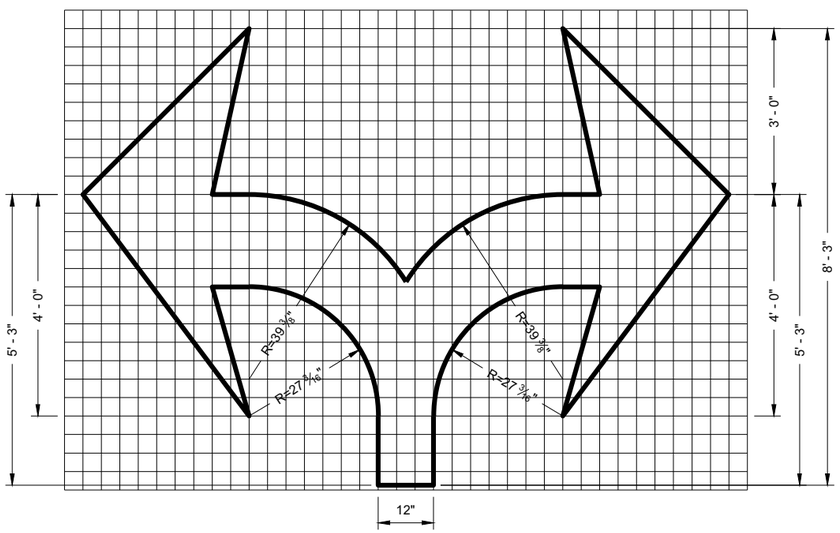
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER

FHWA

275

6

SDD 15C07 - 15c

6

SDD 15C07 - 15c

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

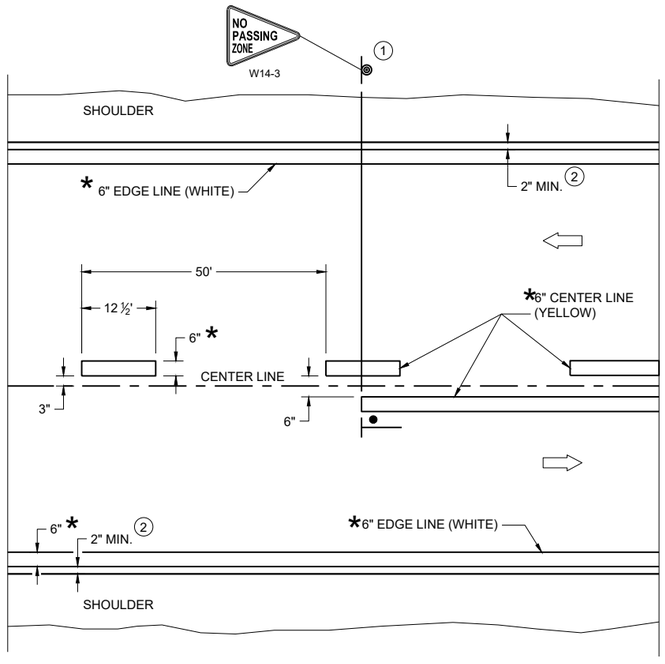
LEGEND

"T" MARKING

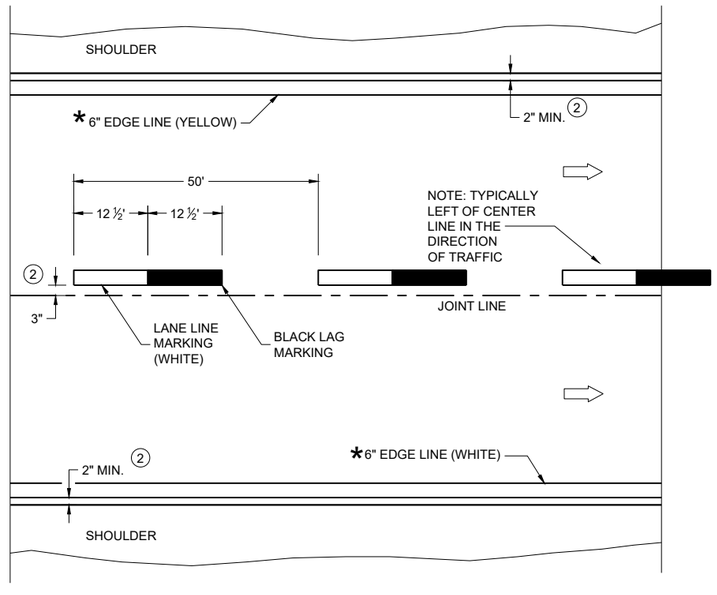
SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

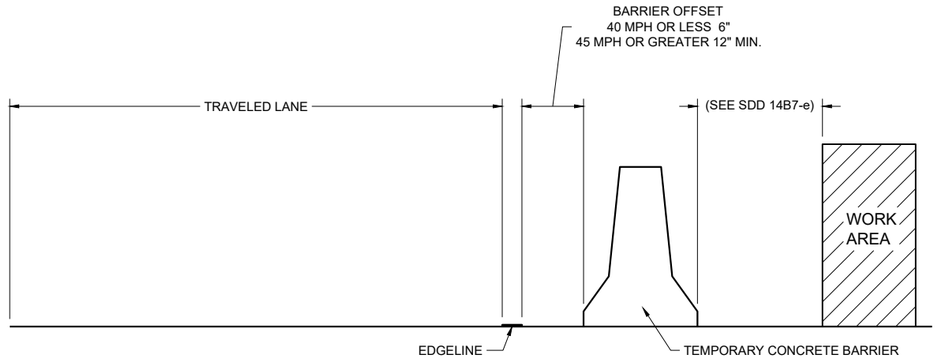
FHWA

6

SDD 15C08-23a

6

SDD 15C08-23a



TEMPORARY BARRIER OFFSET FROM EDGELINE

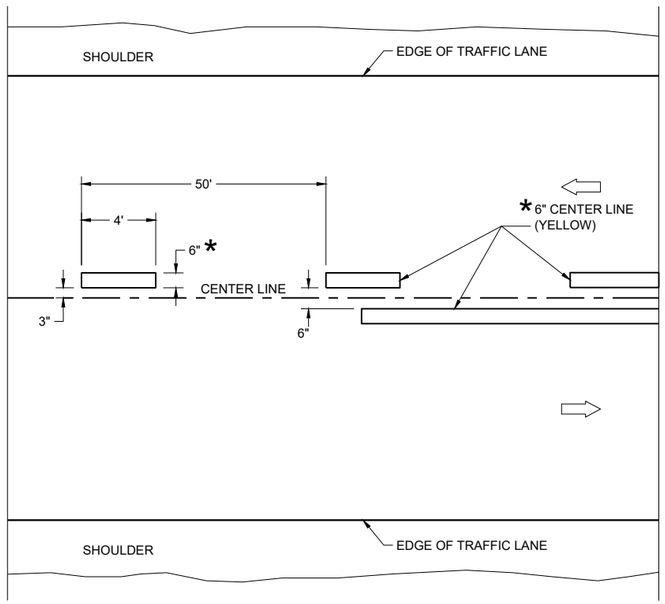
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

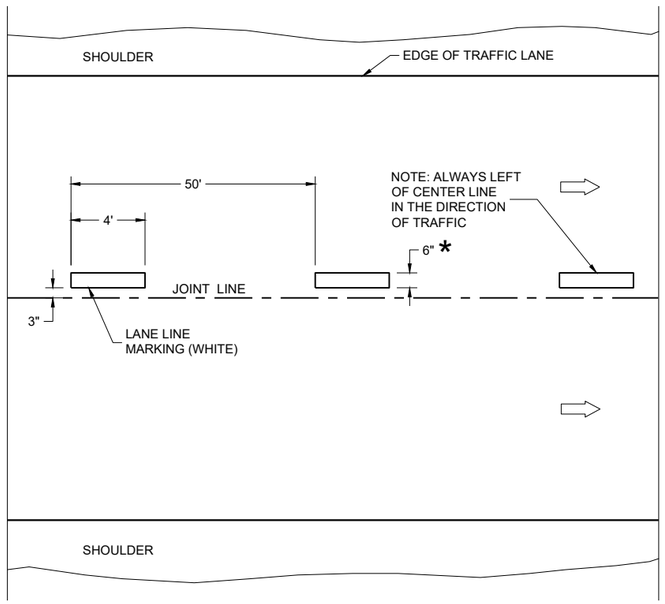
LEGEND

DIRECTION OF TRAFFIC

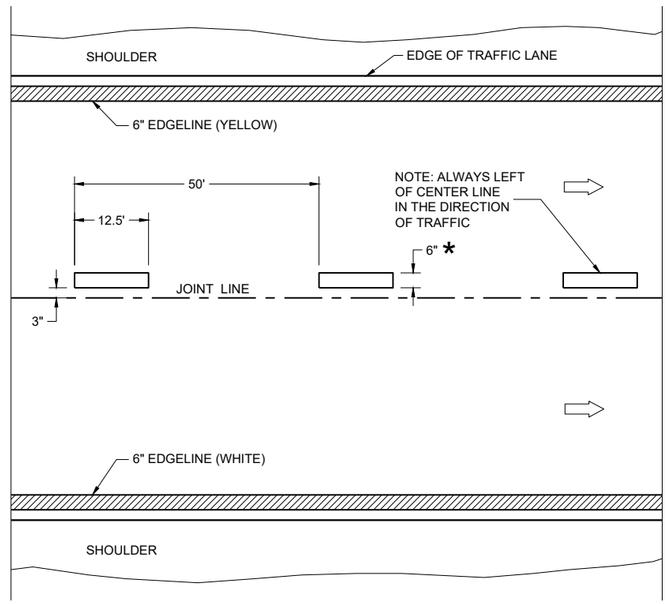
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

6

SDD 15C08-23b

6

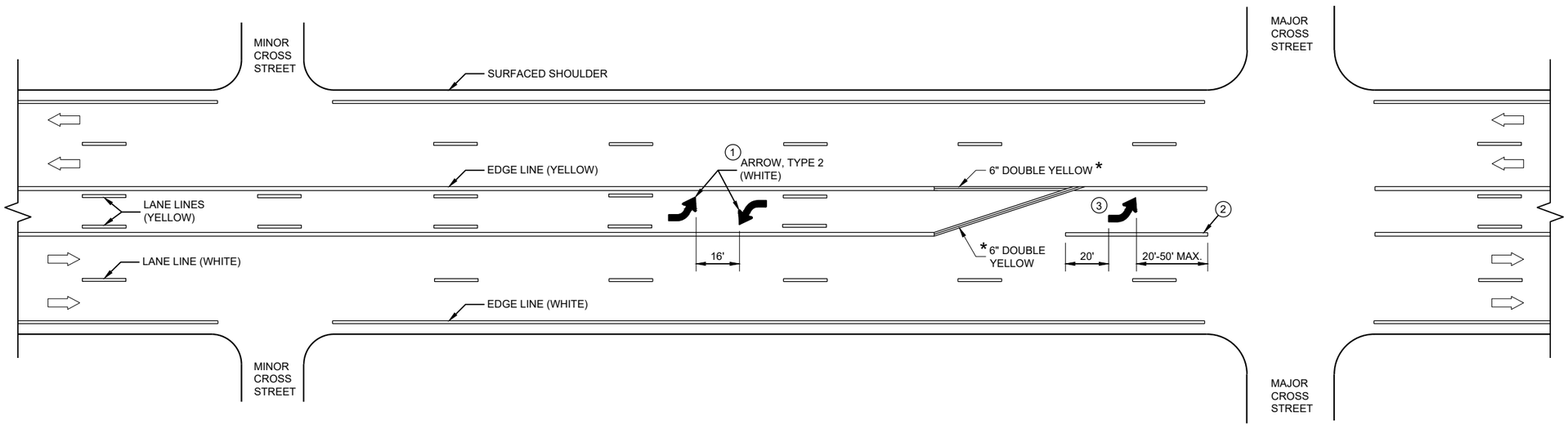
SDD 15C08-23b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



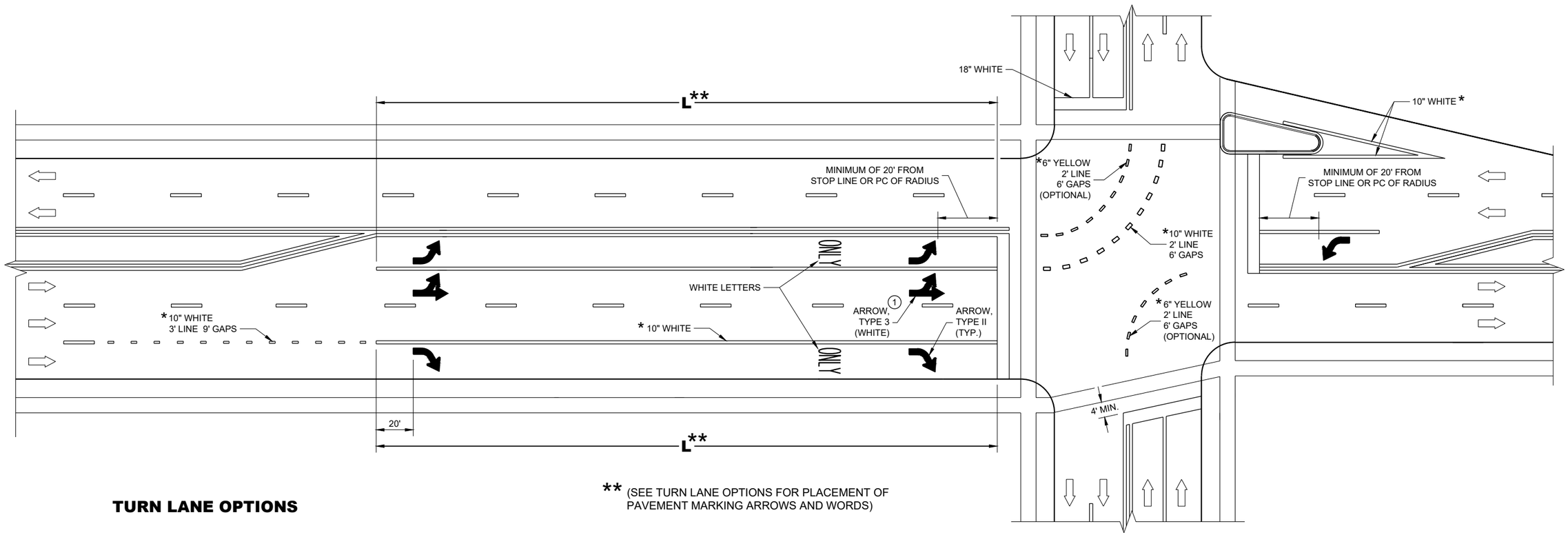
TWO WAY LEFT TURN LANE

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA· 278

SDD 15C08-23c

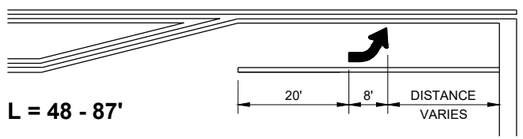
6



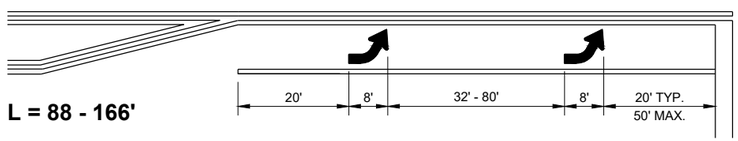
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

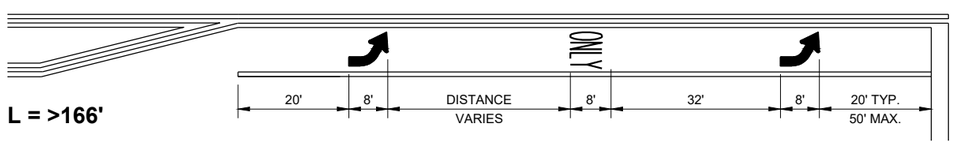
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

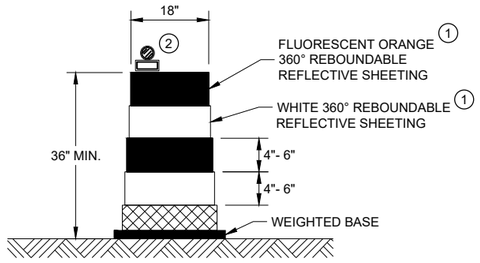
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C08-23d

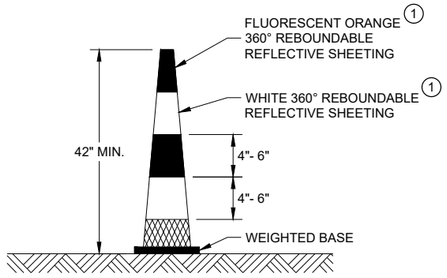
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

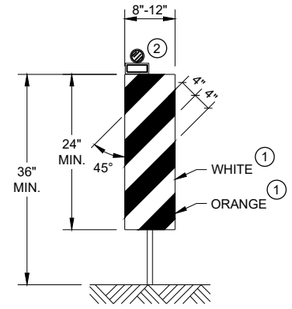
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

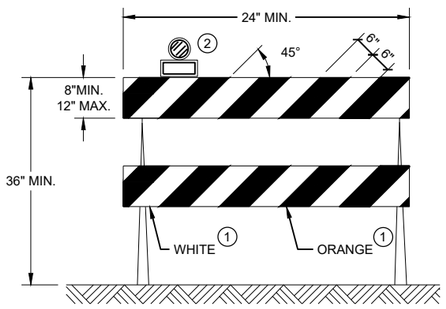
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



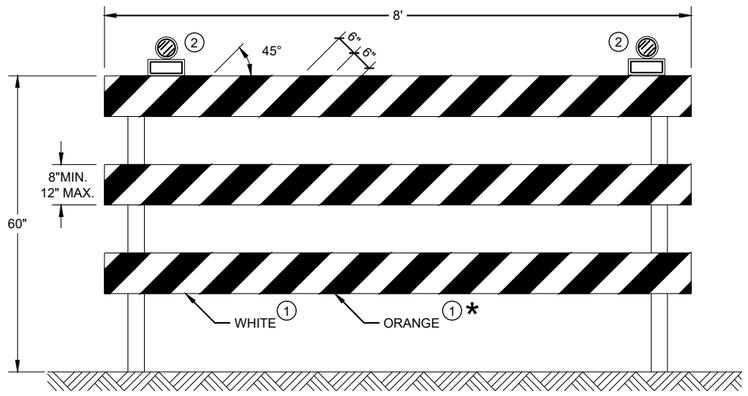
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C11 - 10b
SDD 15C11 - 10b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

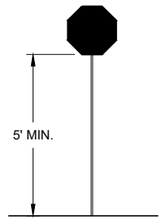
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



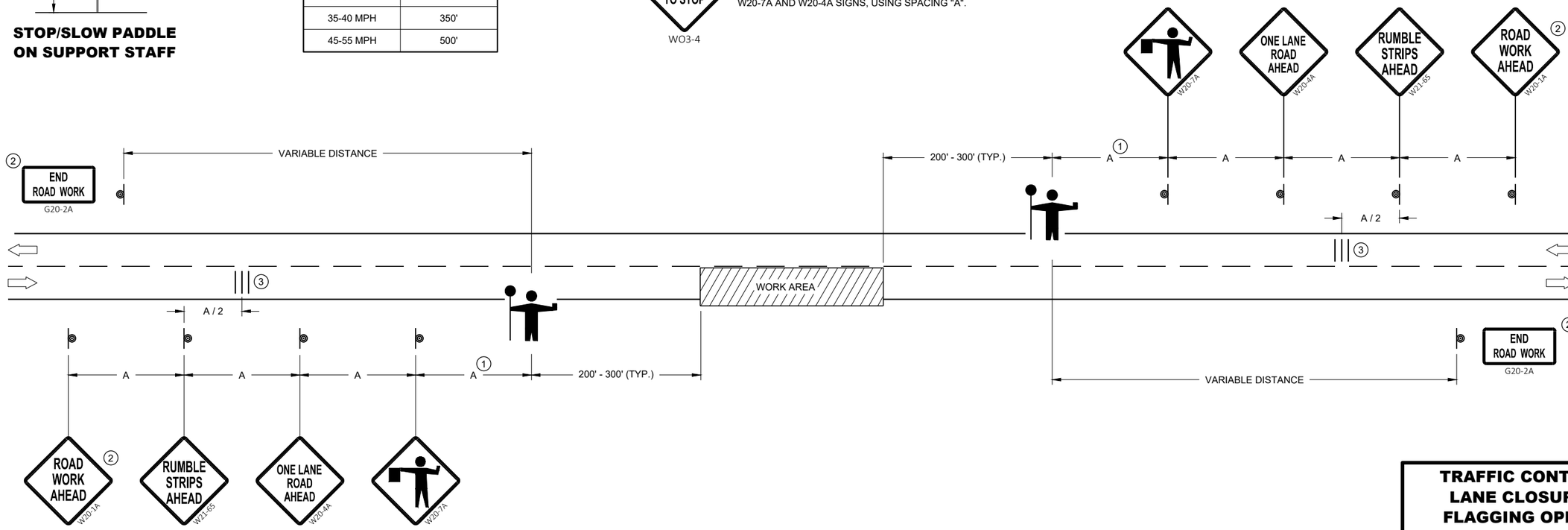
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

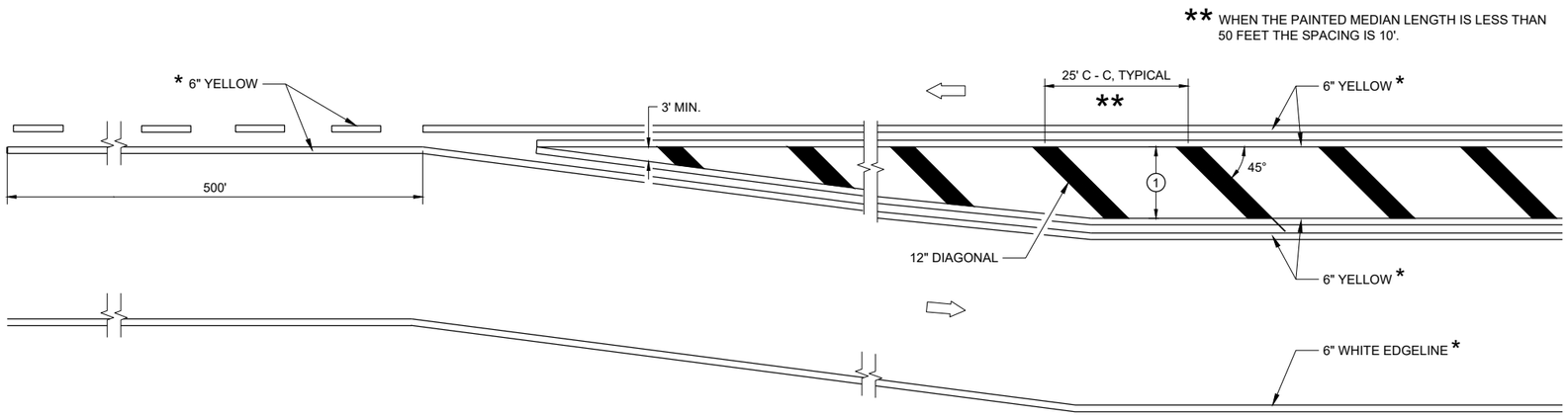
281

6

SDD 15C12 - 09a

6

SDD 15C12 - 09a



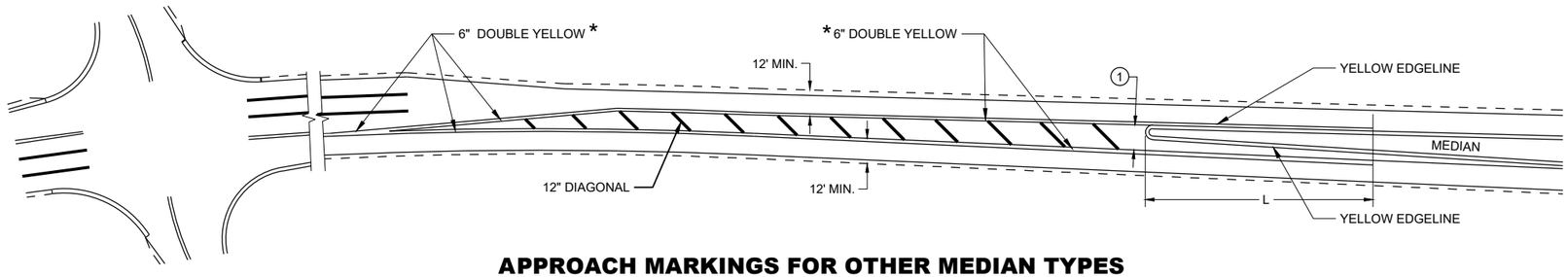
MEDIAN ISLAND DETAIL

GENERAL NOTES

1. DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

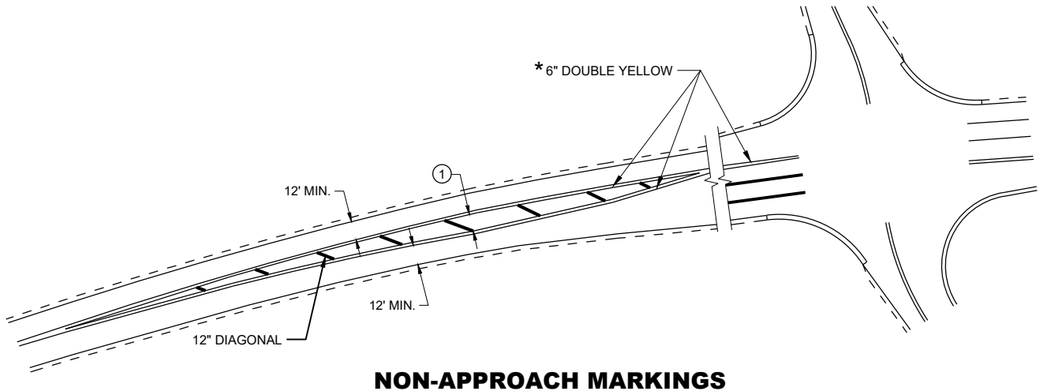
DIRECTION OF TRAVEL

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



APPROACH MARKINGS FOR OTHER MEDIAN TYPES

SPEED LIMIT	L
<35 MPH	5'
35> MPH	50'



NON-APPROACH MARKINGS

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

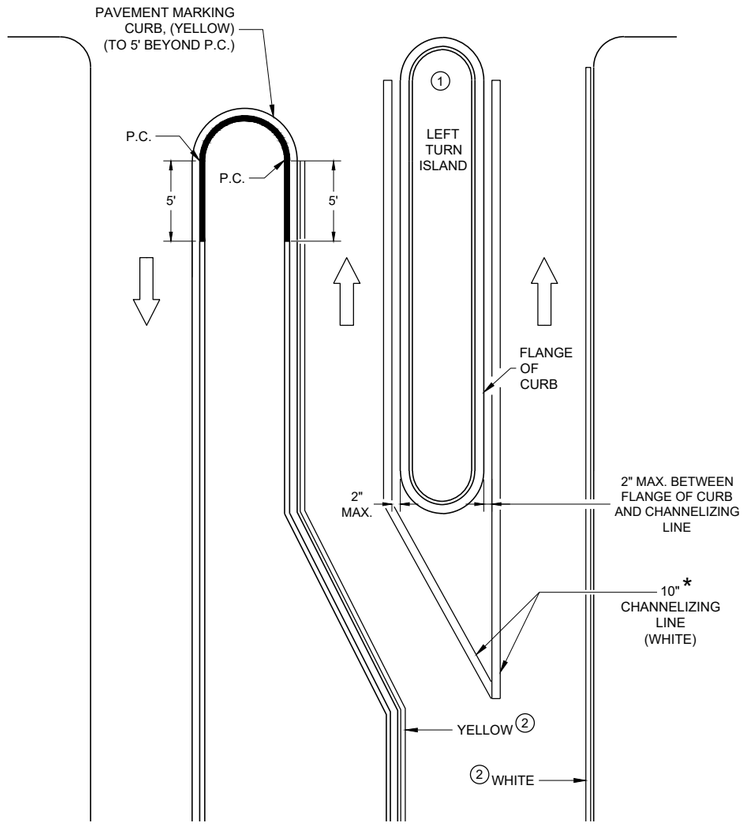
APPROVED
May 2023 — DATE
/S/ Jeannie Silver — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

SDD 15C18-08a

REQUIREMENTS FOR EDGE LINES		
POSTED SPEED	IS THERE CONTINUOUS LIGHTING?	
	YES	NO
≤ 30 MPH	NO	OPTIONAL
35 OR 40 MPH	OPTIONAL	RECOMMENDED
≥ 45 MPH	RECOMMENDED	REQUIRED



* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEFT TURN & MEDIAN ISLAND

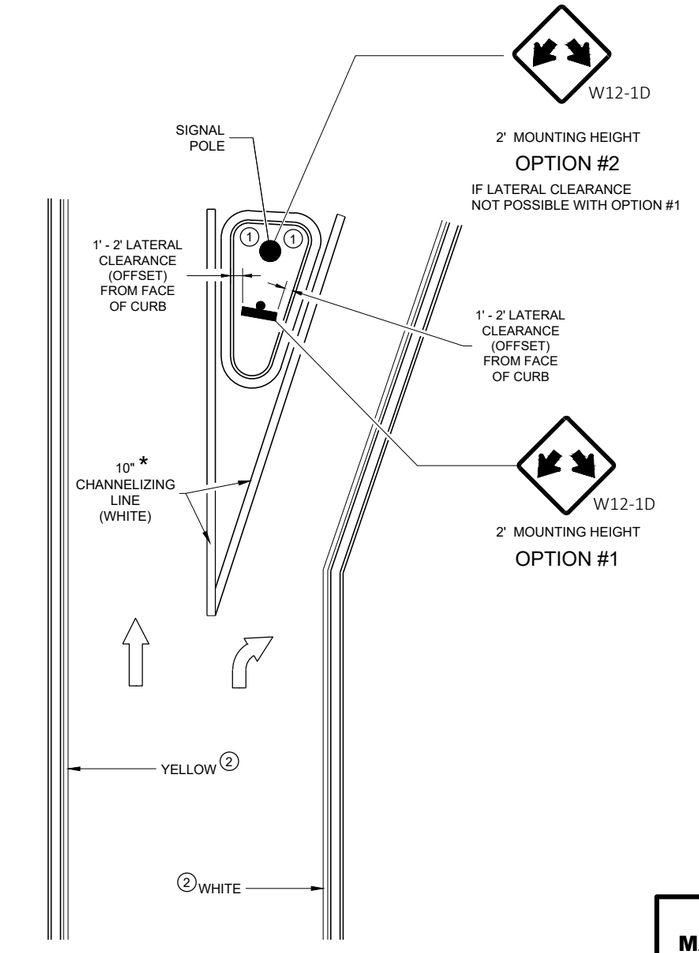
GENERAL NOTES

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

1. MARK CURB NOSES YELLOW.
2. MARK ACCORDING TO TABLE.

DIRECTION OF TRAVEL



RIGHT TURN ISLAND

MEDIAN PAVEMENT MARKINGS, DOUBLE ARROW WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

6
SDD 15C18-08c

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

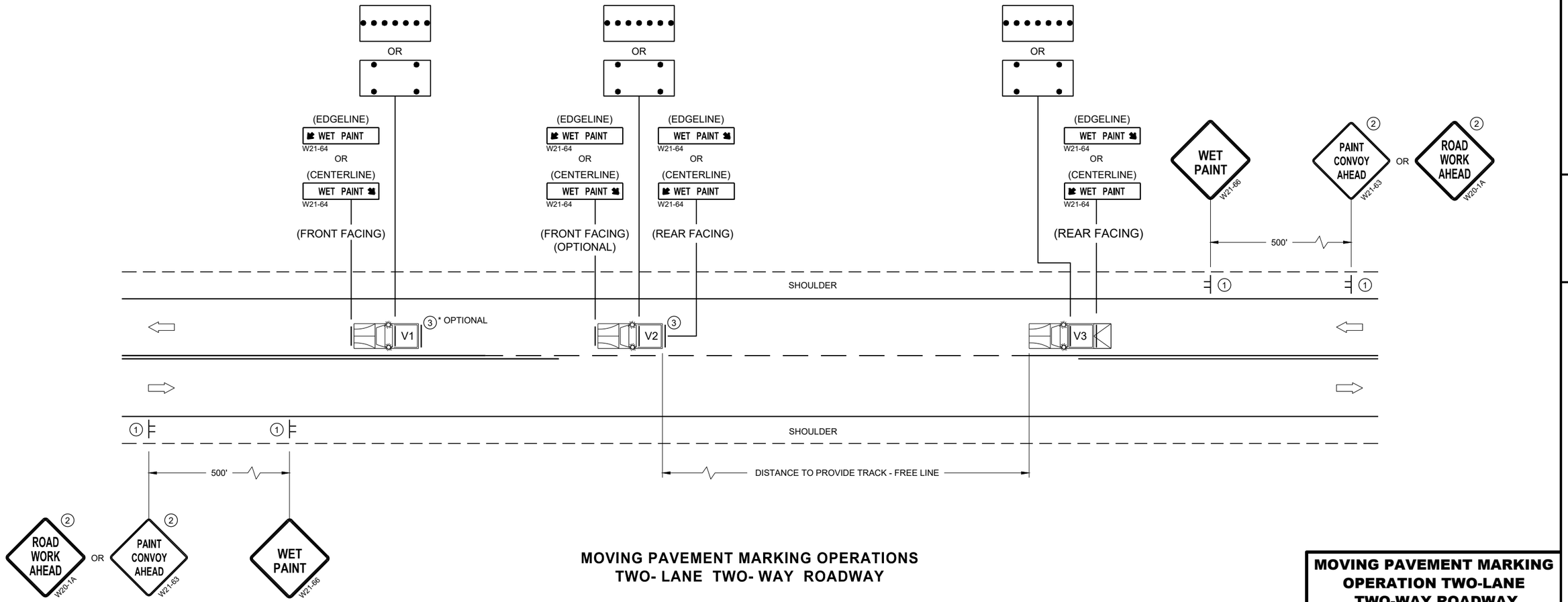
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

1. SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
2. IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.
3. V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Andrew I...
WORK ZONE EN

FHWA

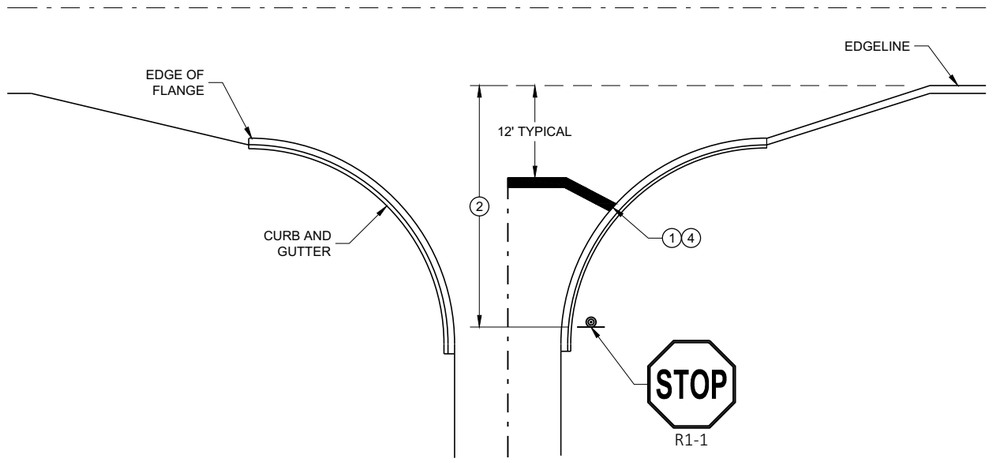
SDD 15C19-08a

SDD 15C19-08a

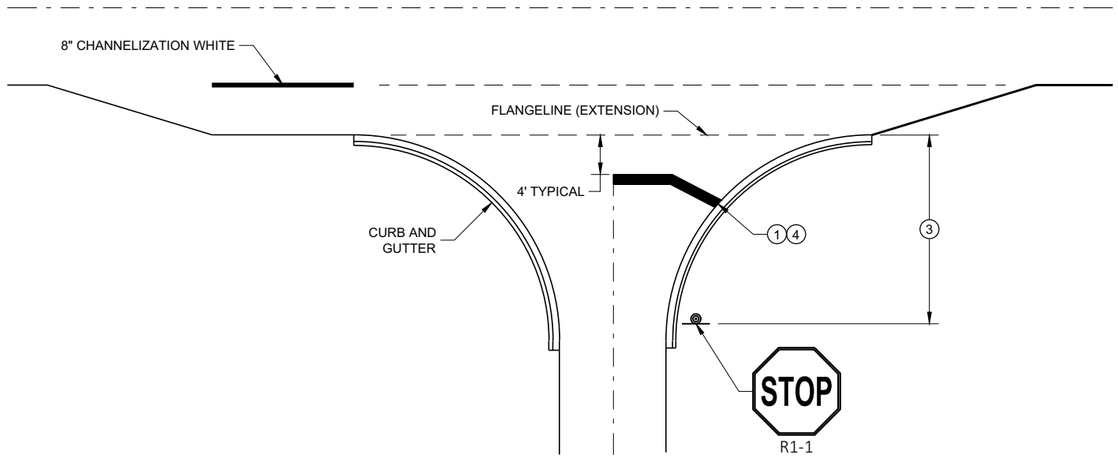
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

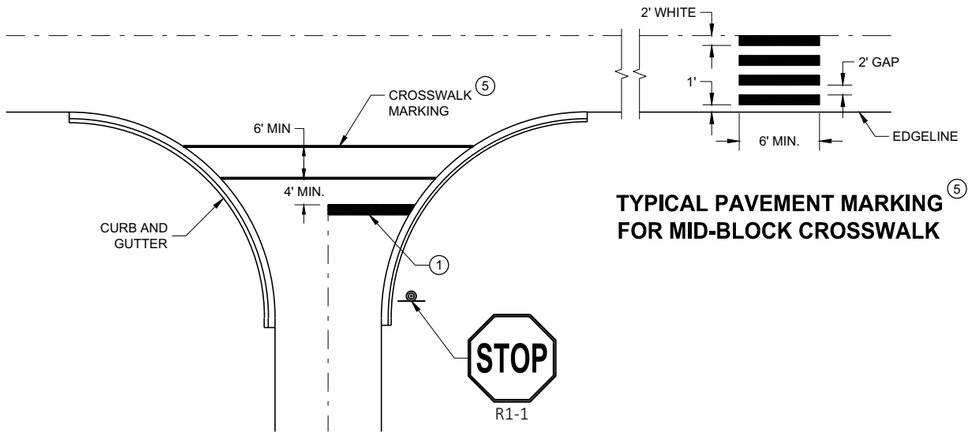
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

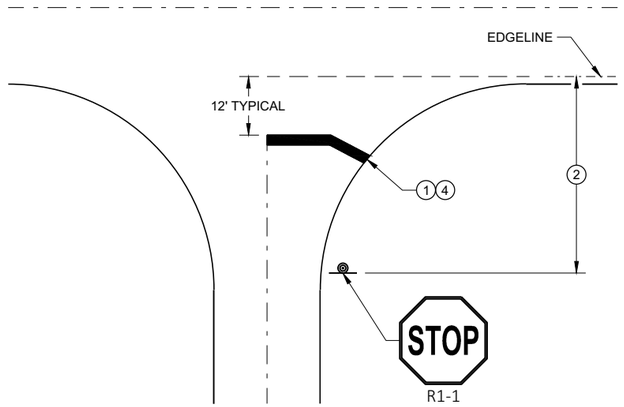


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

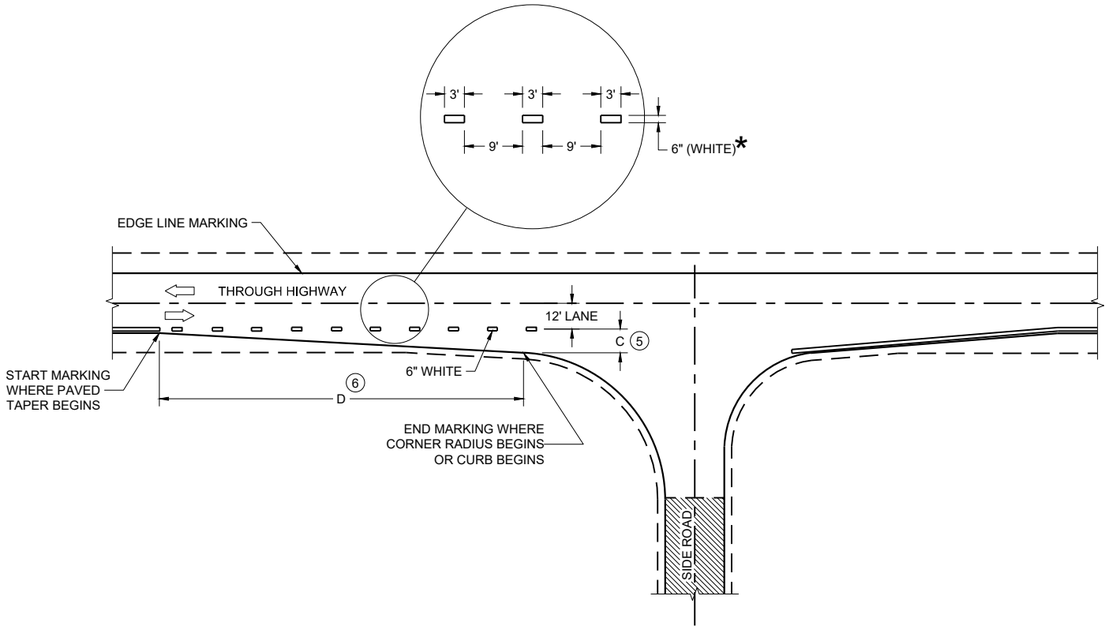
FHWA

6

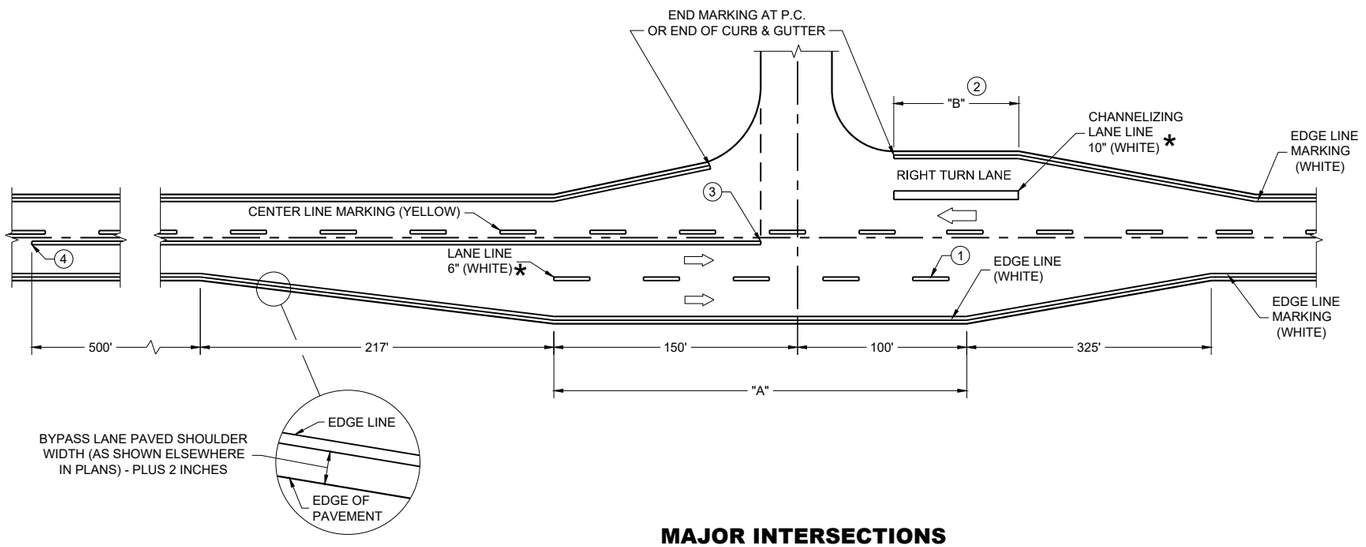
SDD 15C33 - 04

6

SDD 15C33 - 04



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

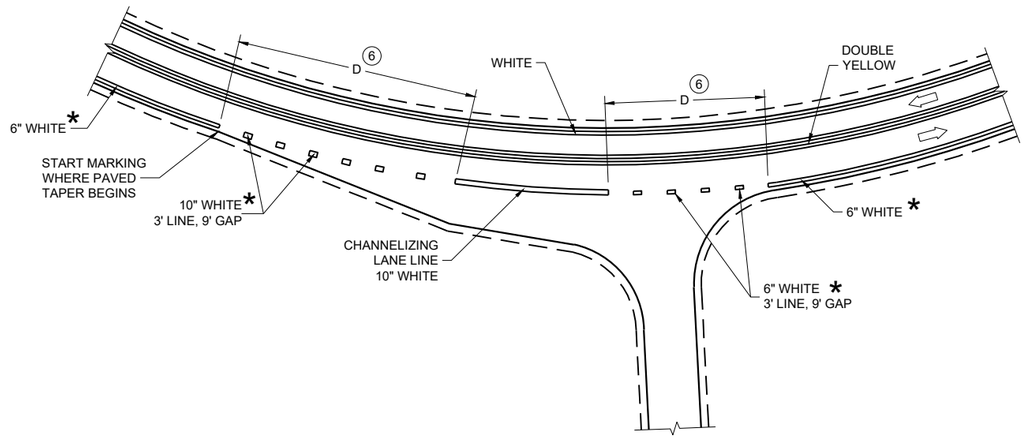
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

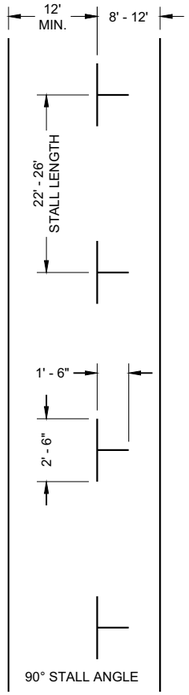
DIRECTION OF TRAVEL



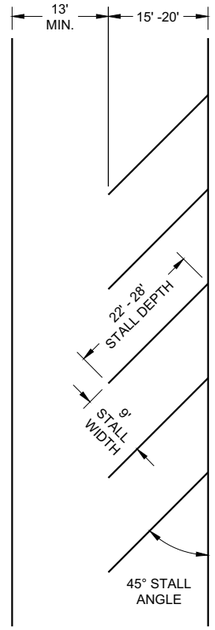
INTERSECTION ON OUTSIDE OF CURVE

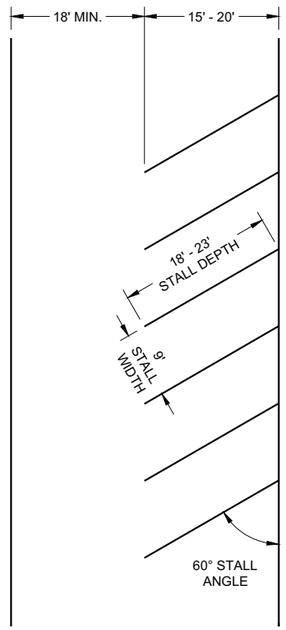
PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



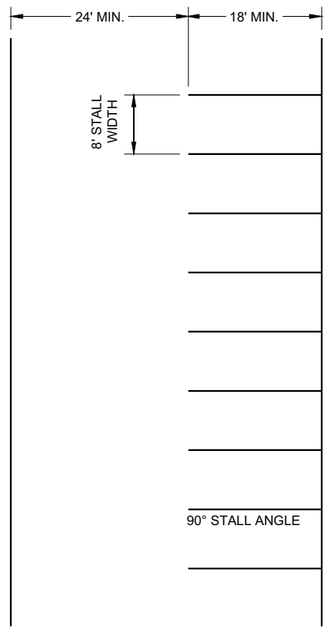
PARALLEL PARKING





ANGLED PARKING

(ANGLED PARKING IS NOT ALLOWED ON STATE HIGHWAYS UNLESS A DESIGN JUSTIFICATION HAS BEEN COMPLETED.)



PARKING LOTS

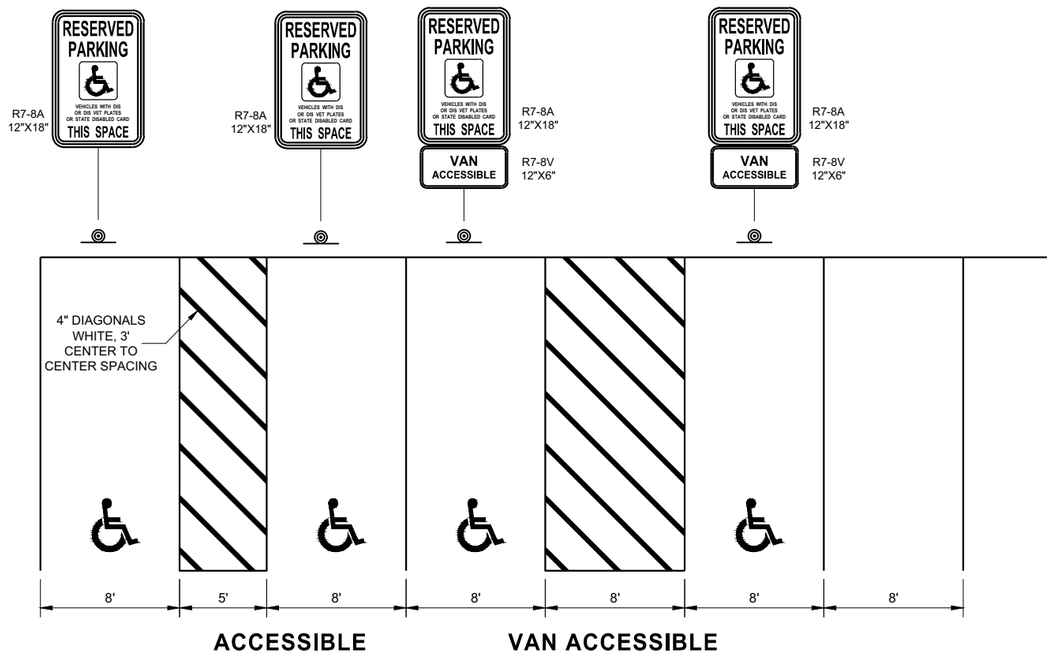
GENERAL NOTES

ALL LINES 4" WHITE (UNLESS OTHERWISE NOTED)

LAST PARKING STALL IS A MINIMUM OF 15' FROM THE CROSSWALK.

LEGEND

SIGN ON PERMANENT SUPPORT



ACCESSIBLE VAN ACCESSIBLE

PARKING STALL MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER

FHWA

SDD 15C36 - 01

SDD 15C36 - 01

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

DIRECTION OF TRAFFIC

WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

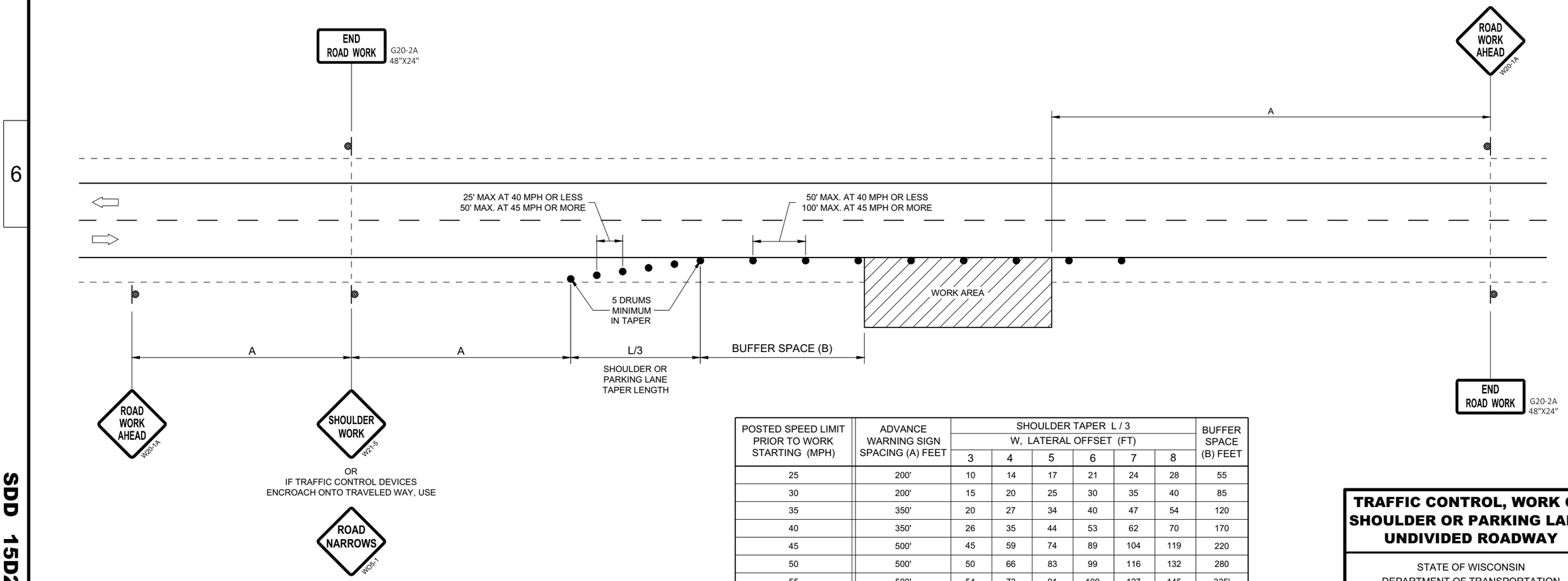
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

FHWA

SDD 15D28 - 04

SDD 15D28 - 04

GENERAL NOTES

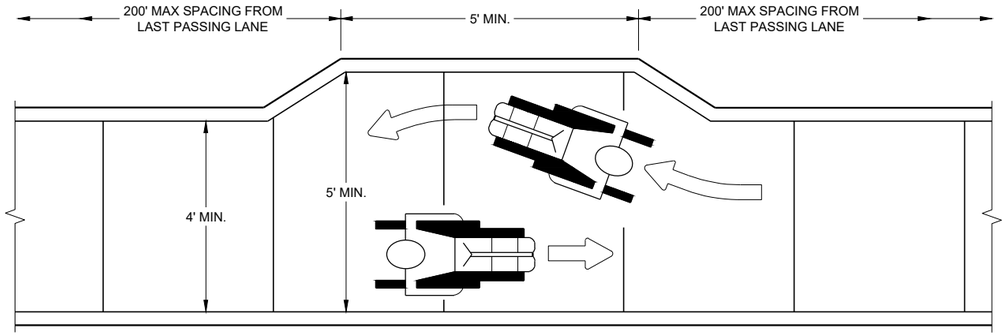
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

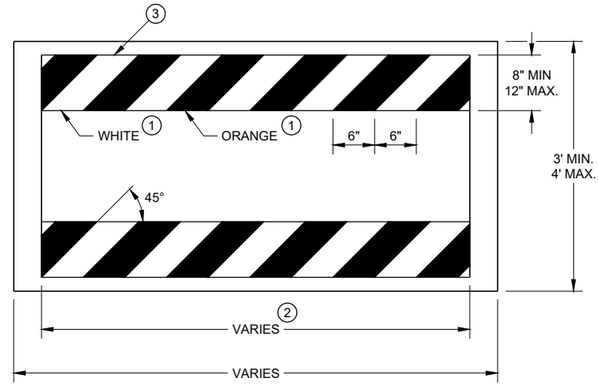
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

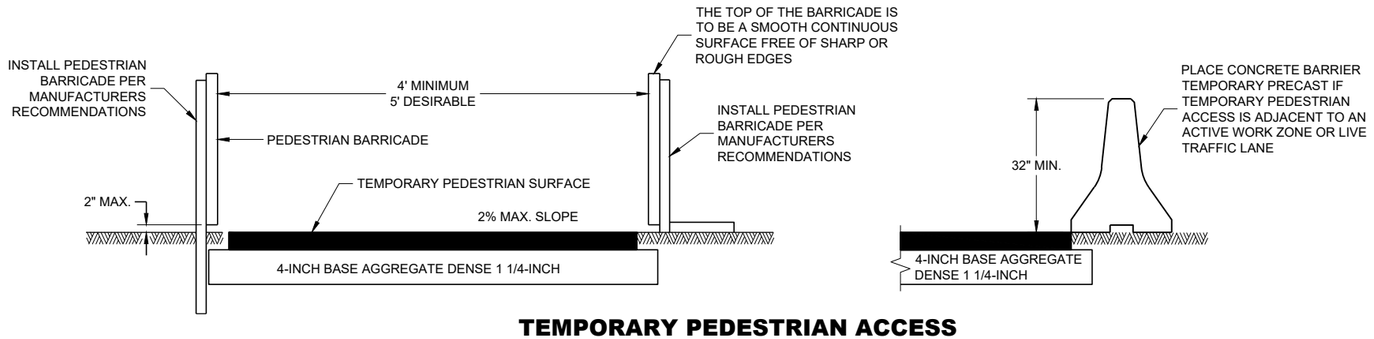
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*



TEMPORARY PEDESTRIAN ACCESS

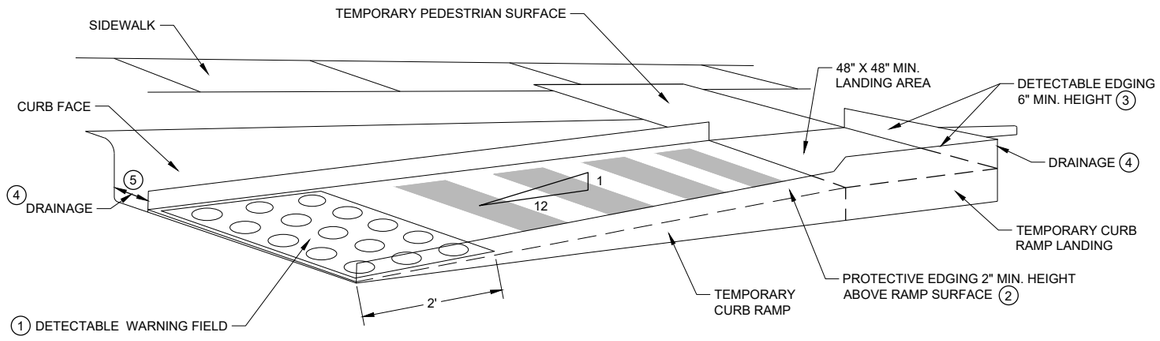
6

6

SDD 15D30 - 09a

SDD 15D30 - 09a

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



PERSPECTIVE VIEW

GENERAL NOTES

CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.

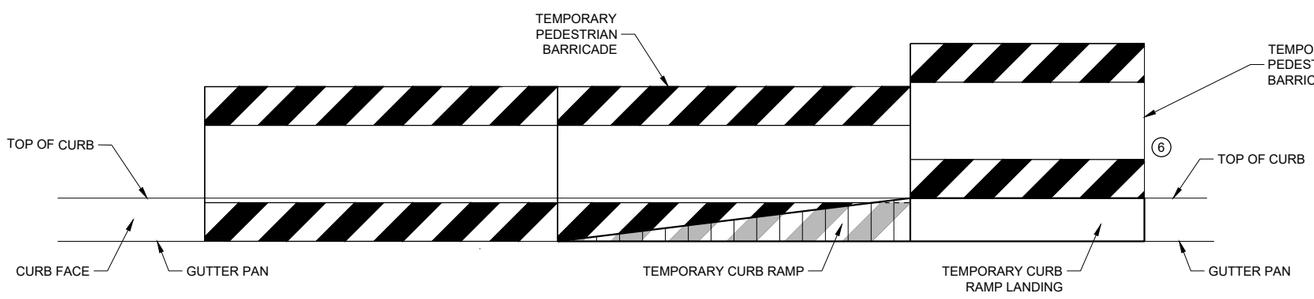
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

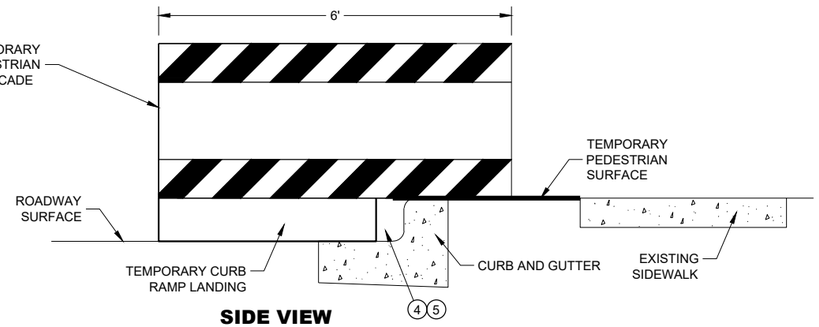
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.

(6) IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.



FRONT VIEW



SIDE VIEW

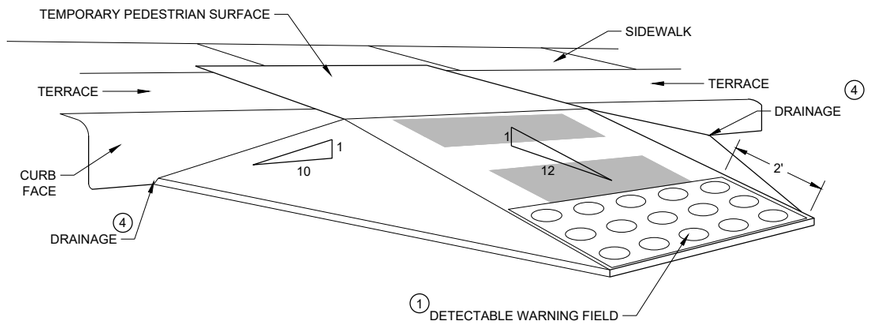
TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

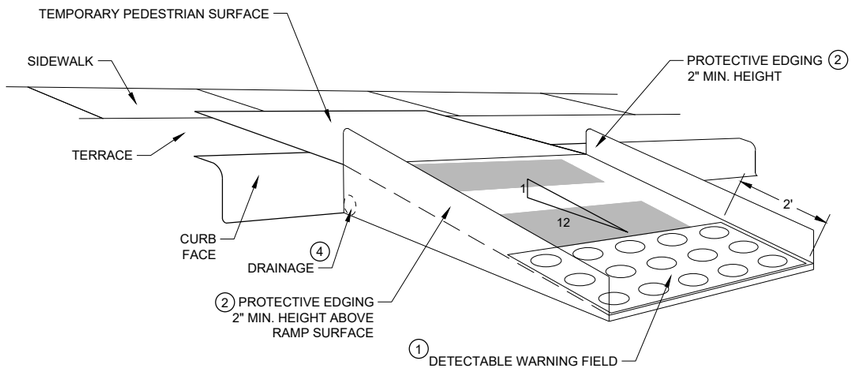
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

6

SDD 15D30 - 09c

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

GENERAL NOTES

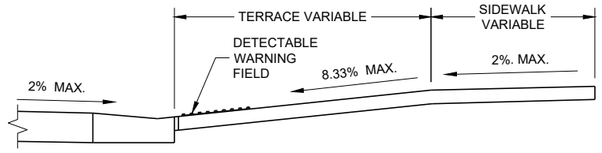
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

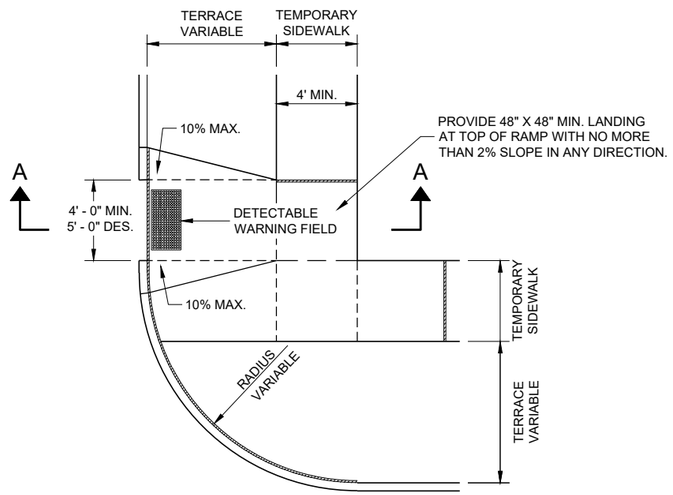
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



SECTION A - A



PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

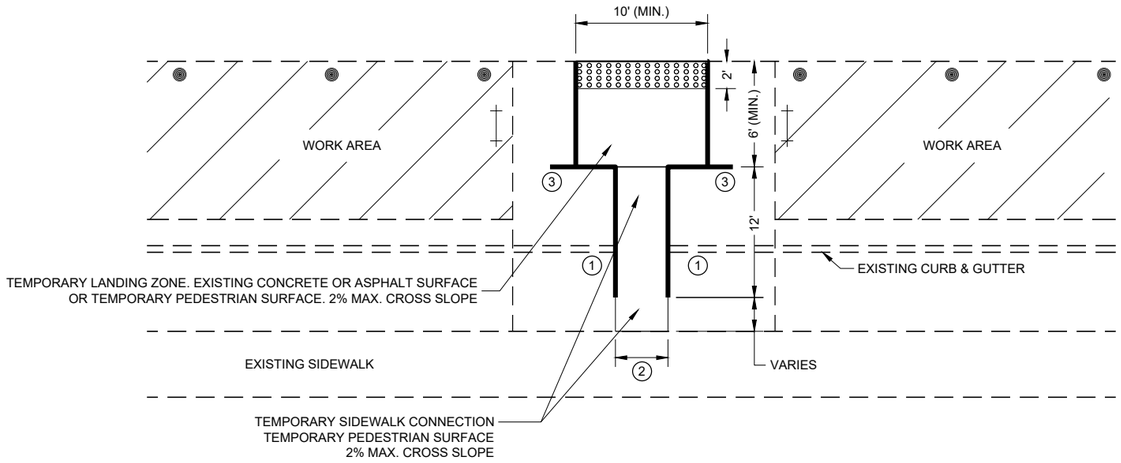
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

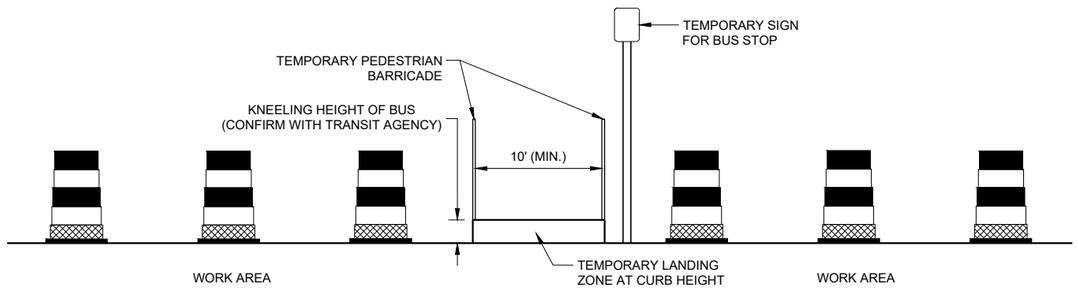
FHWA

6

SDD 15D30-09d



PLAN VIEW



PROFILE VIEW

TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA

6

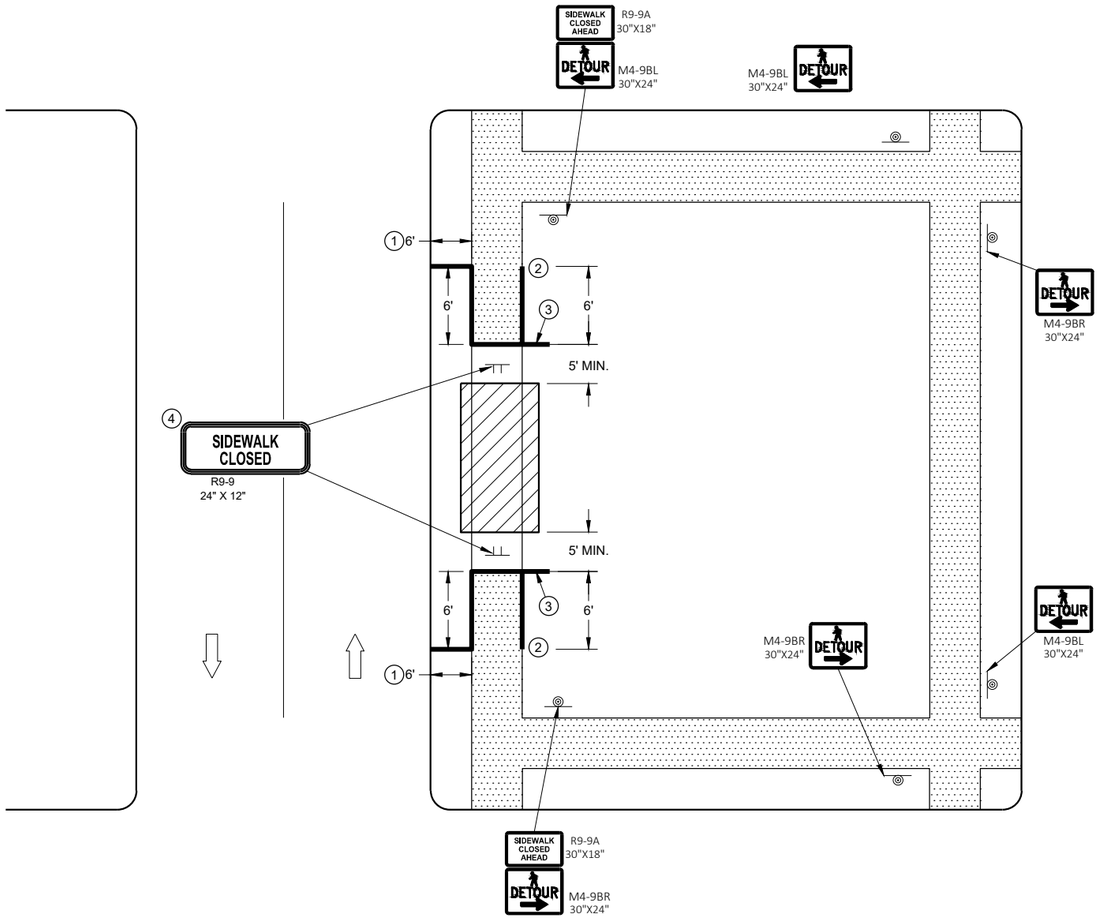
SDD 15D30 - 09e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

6

SDD 15D30 - 09f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

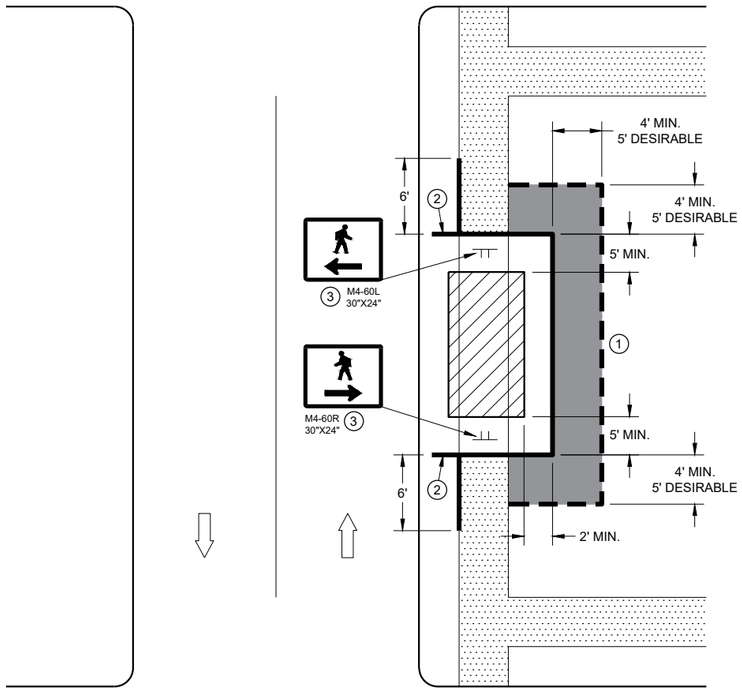
TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

1. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
2. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK DIVERSION
SINGLE SIDE

6

SDD 15D30 - 09g

6

SDD15D30 - 09g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

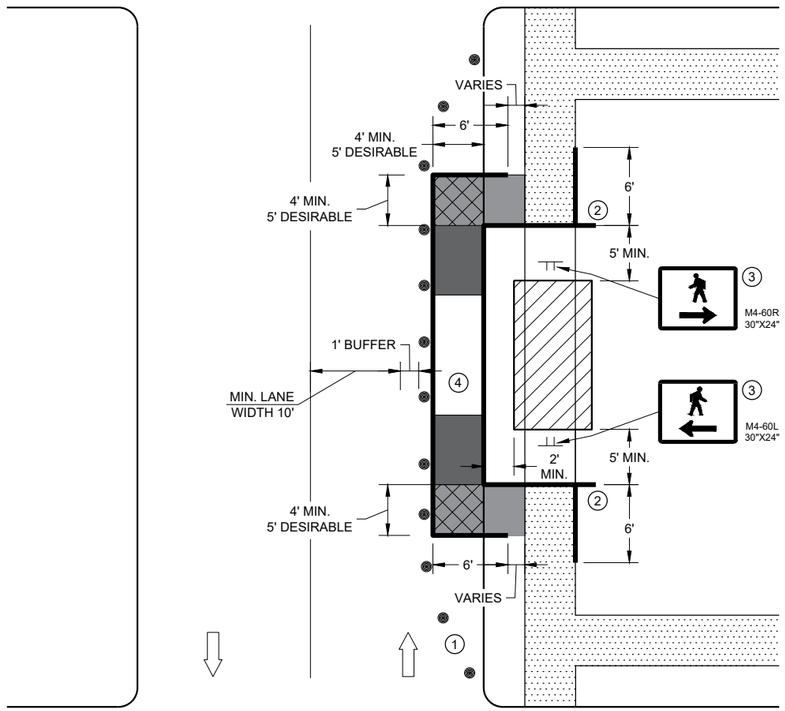
GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.
2. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.
4. USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



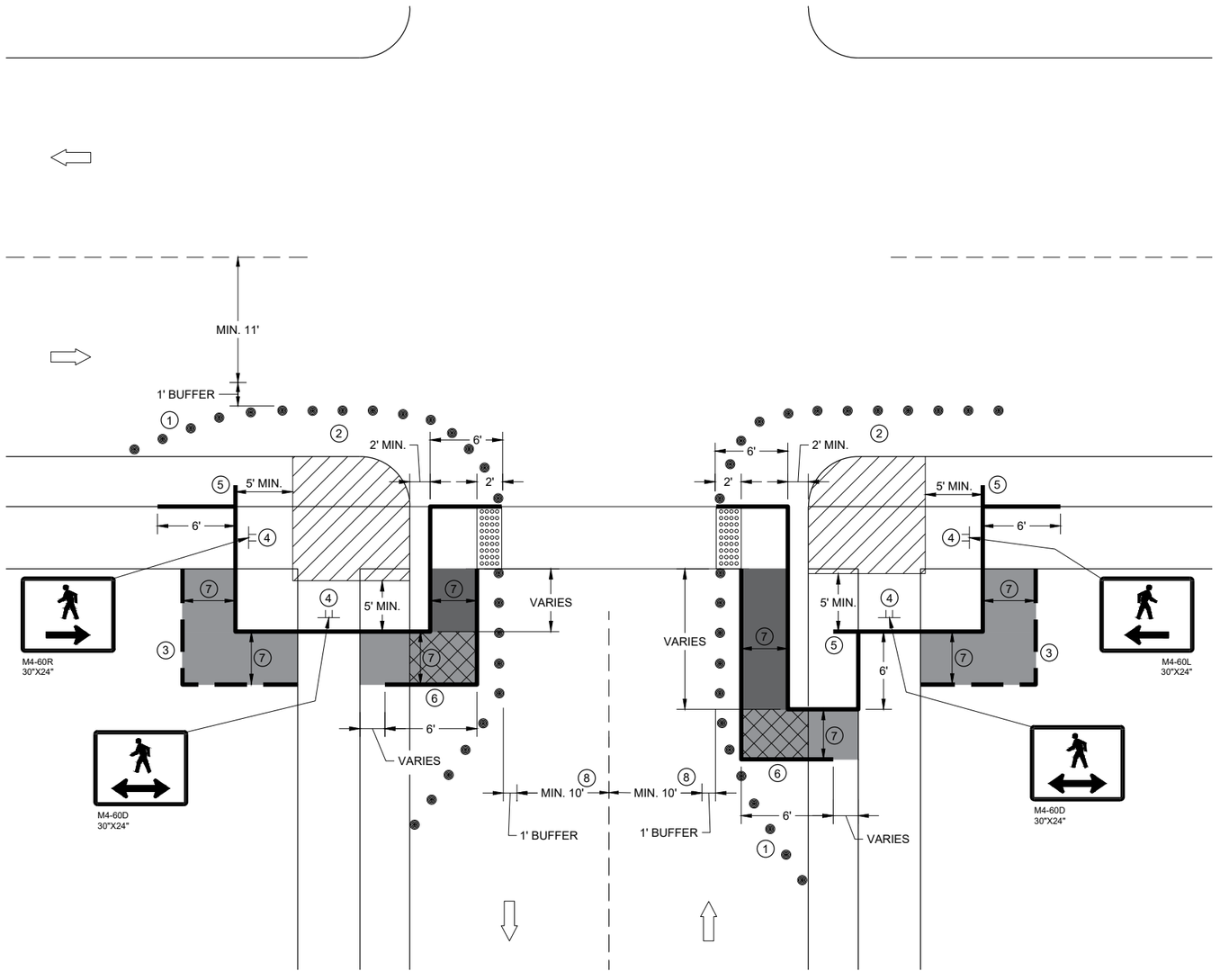
SIDEWALK DIVERSION, SINGLE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS

(3) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(4) MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.

(5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.

(6) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(7) 4 FEET MINIMUM, 5 FEET DESIRABLE

(8) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

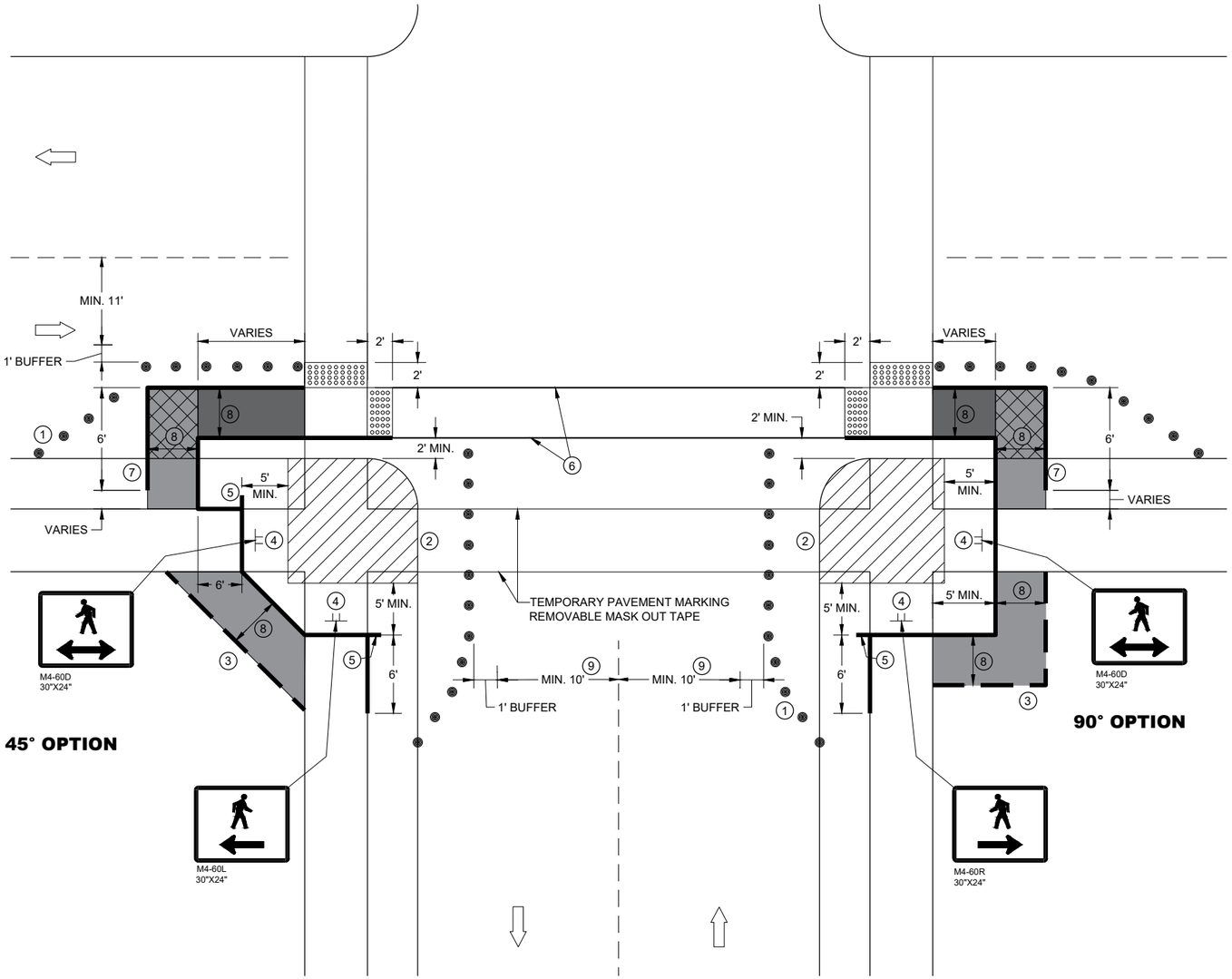
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09i

6



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. WHITE 6" TEMPORARY PAVEMENT MARKING
7. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
8. 4 FEET MINIMUM, 5 FEET DESIRABLE
9. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

LEGEND

SIGN ON PERMANENT SUPPORT

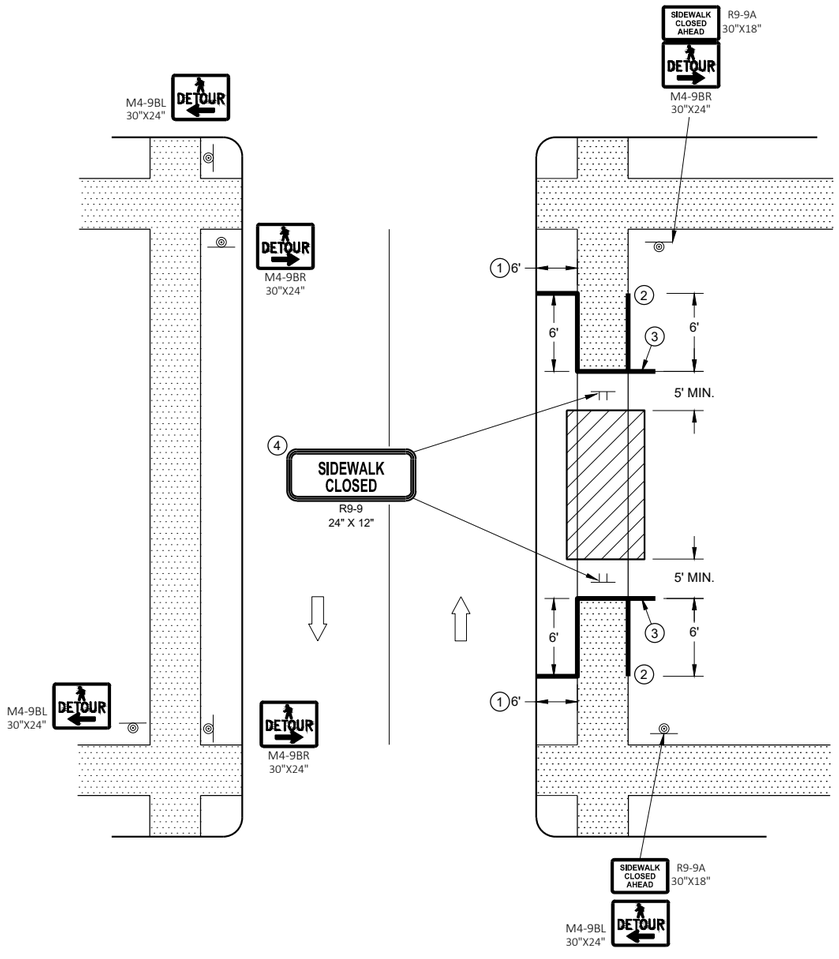
SIGN ON TEMPORARY SUPPORT

UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC



GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

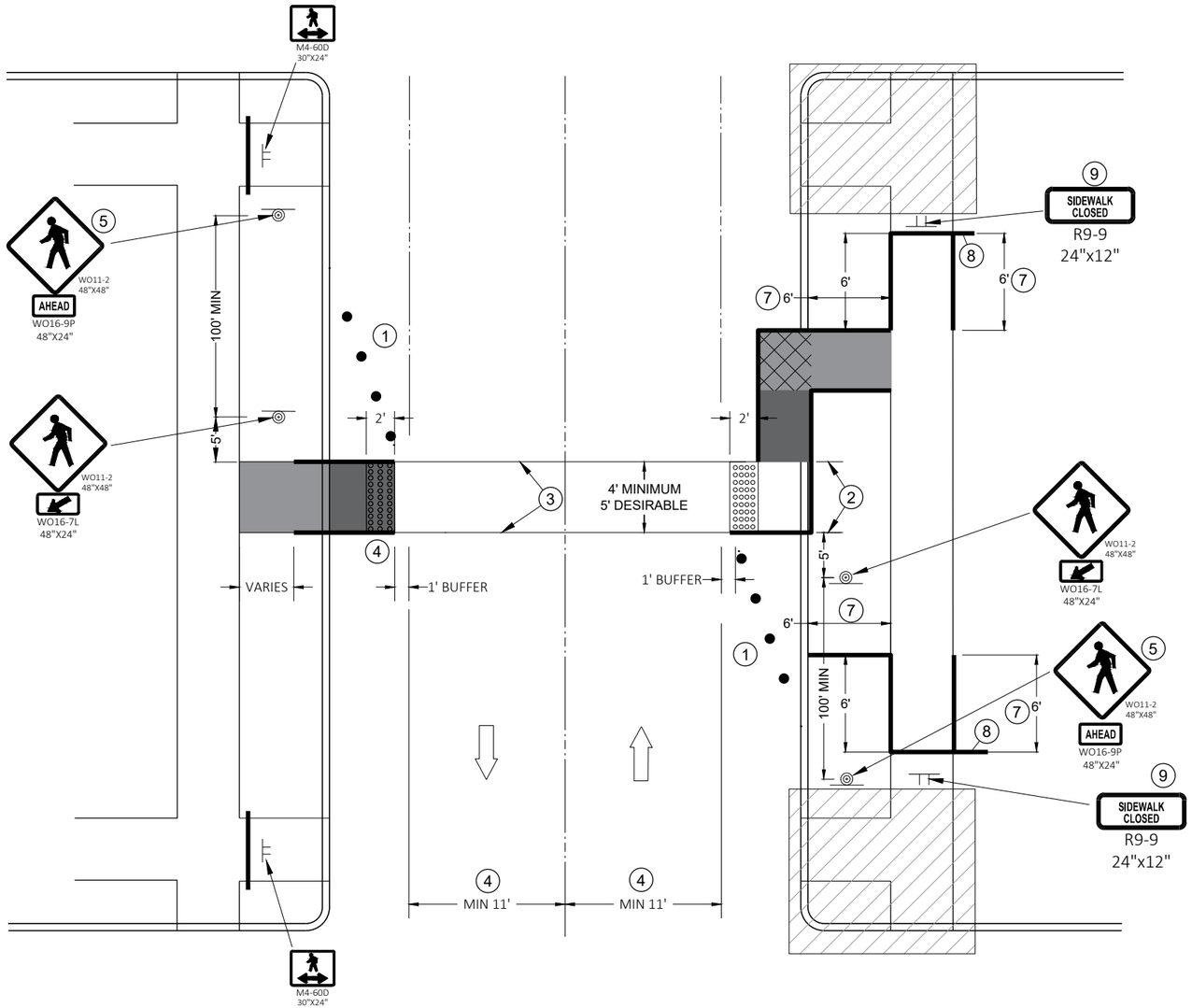
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

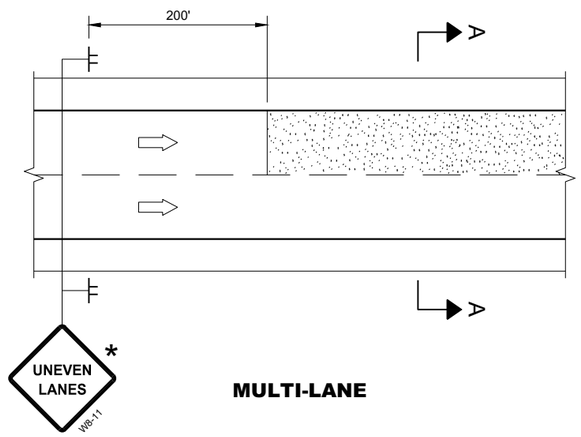
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

6

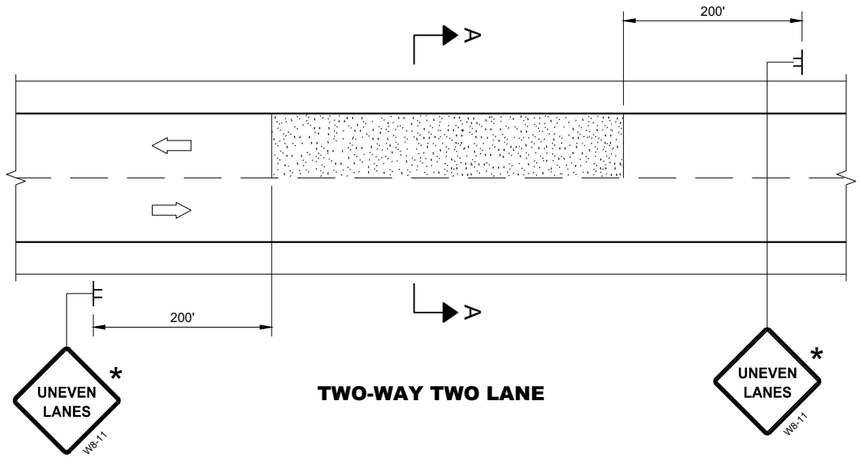
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D30 - 09L



MULTI-LANE



TWO-WAY TWO LANE

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

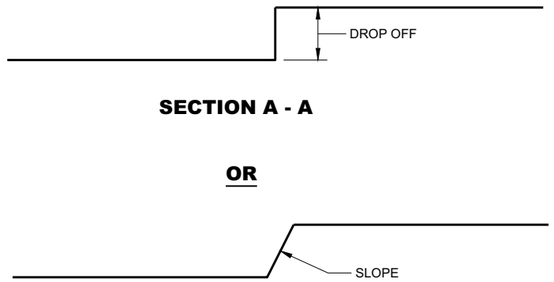
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

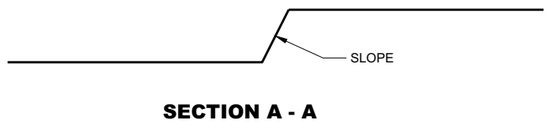
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE

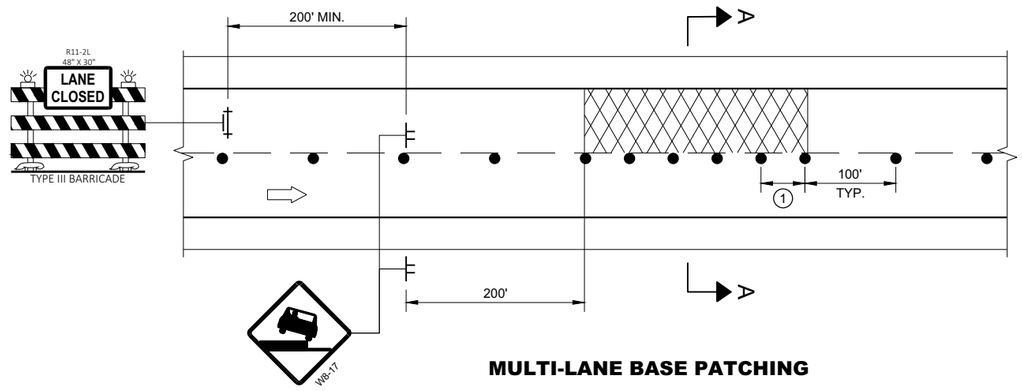


SECTION A - A

OR

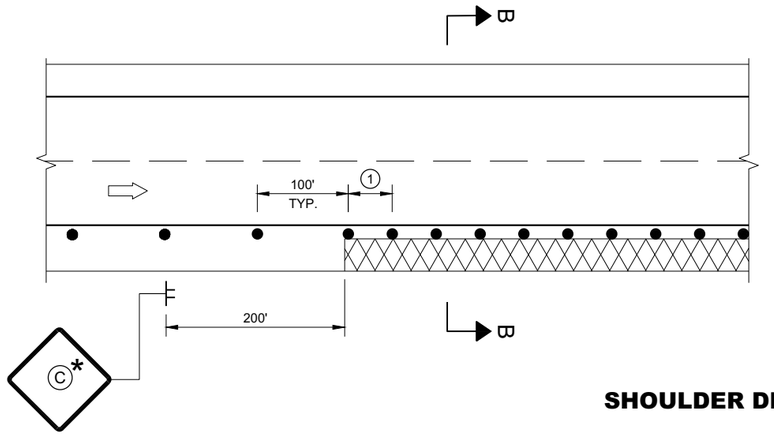


SECTION A - A

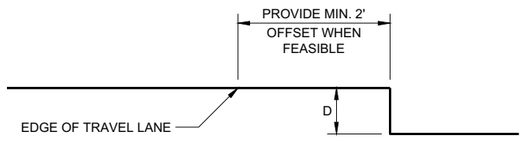


MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D39 - 02

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

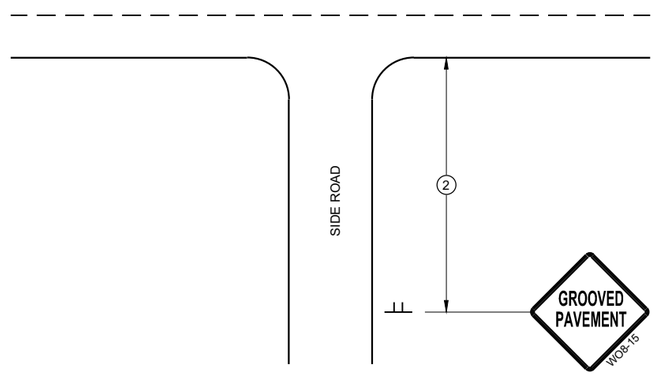
(1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

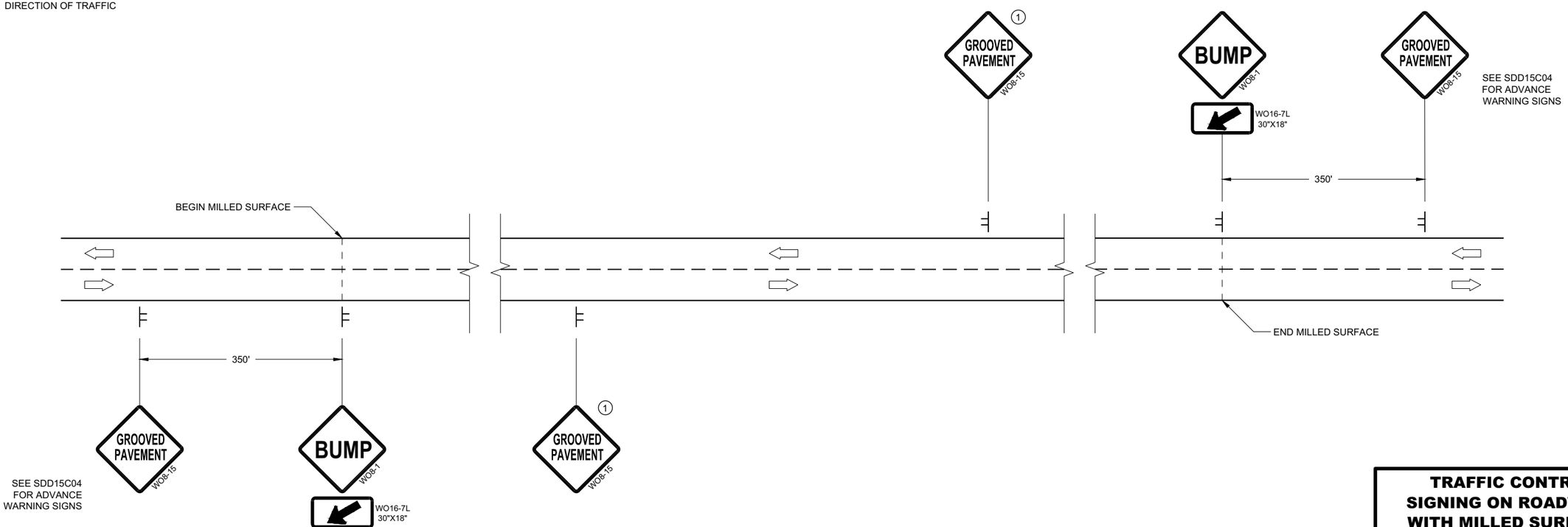
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D44 - 02

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

(1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

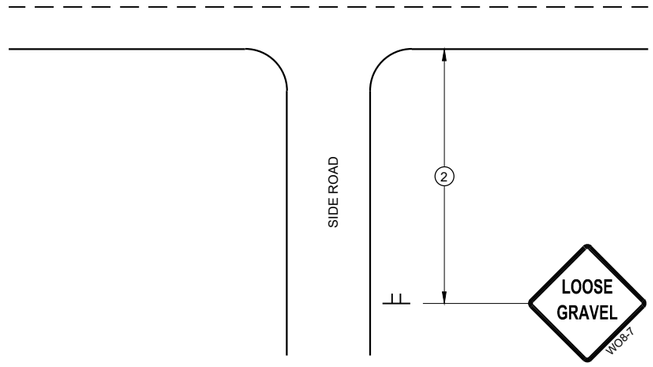
(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

(3) ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

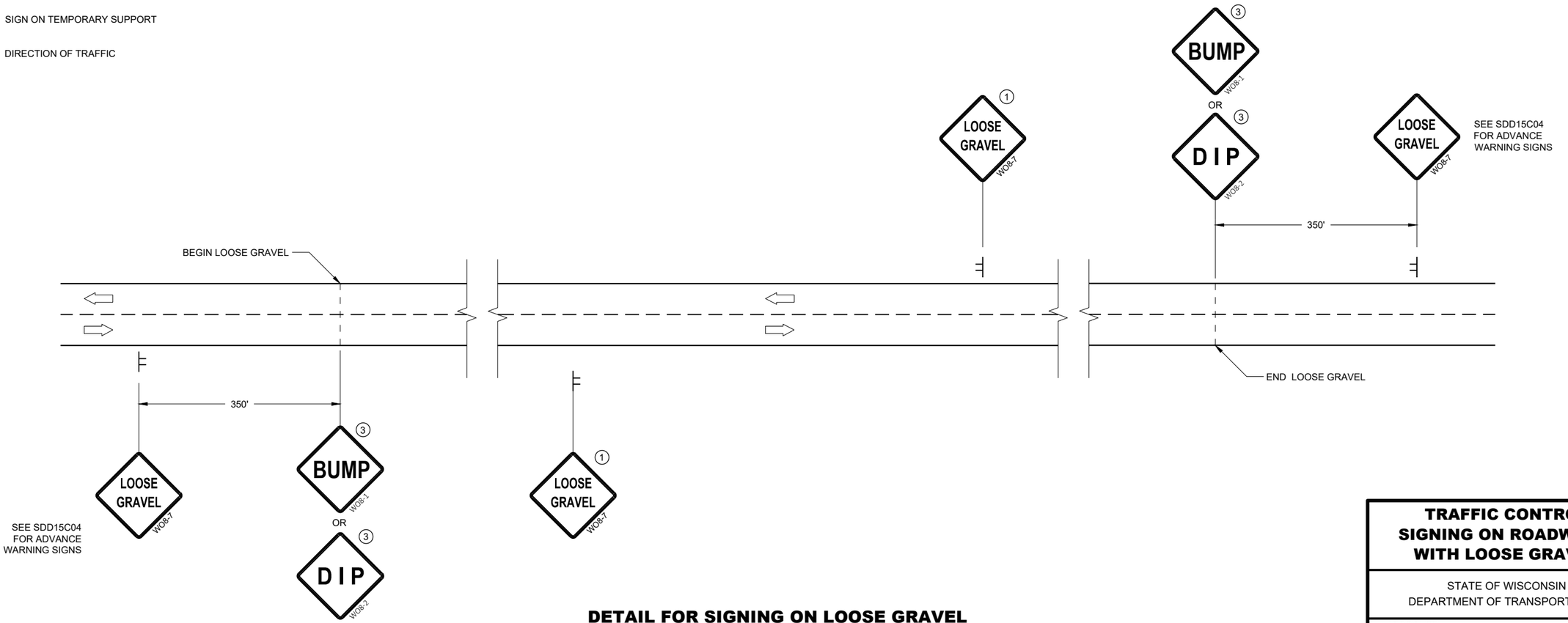
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

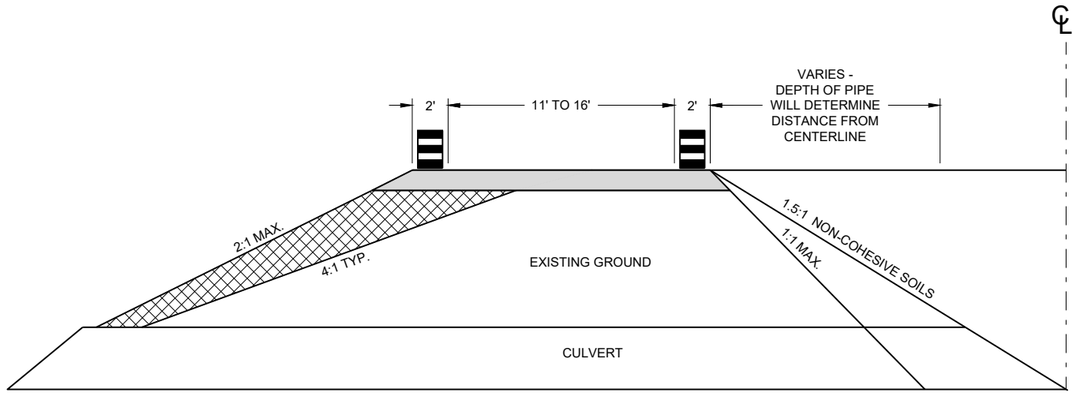
APPROVED
February 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D45 - 03



CROSS SECTION

GENERAL NOTES

USE 1:1 FOR COHESIVE CLAYS AND SILTS, LOAMS, SANDY CLAYS AND ANGULAR GRAVEL SOILS.
USE 1.5:1 FOR NON-COHESIVE SOILS.

THE TAPER SHOULD EXTEND ACROSS THE SHOULDER UNLESS DOING SO WOULD GREATLY CONFLICT WITH THE WORK OPERATION.

ALL LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL DEVICES REMOVED BEYOND THE SHOULDER WHEN WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

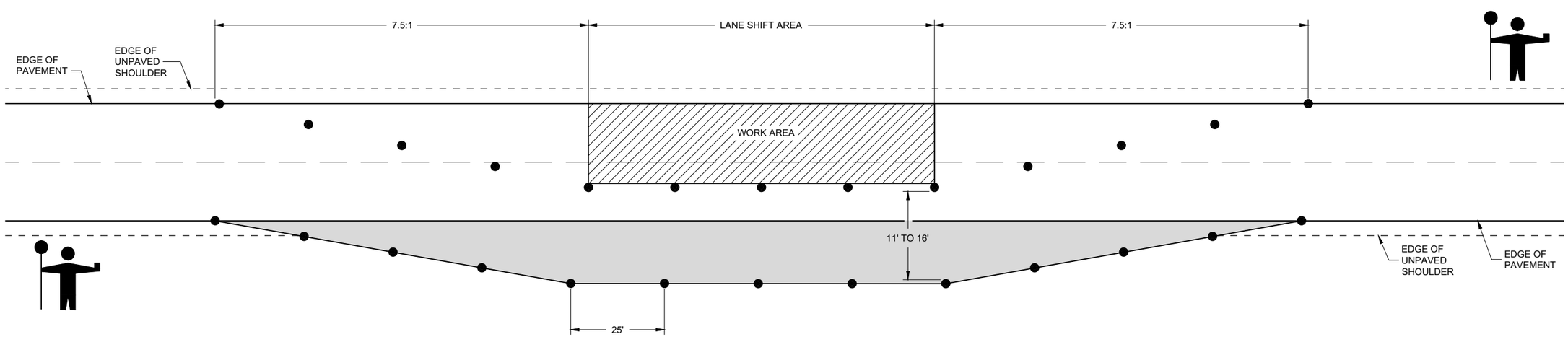
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

USE WITH SDD 15C12 "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATIONS"

USE WITH SDD 15D45 "SIGNING ON ROADWAYS WITH LOOSE GRAVEL"

LEGEND

- DRUM WITHOUT WARNING LIGHT
- 6" BASE AGGREGATE DENSE 1 ¼" -INCIDENTAL TO LANE SHIFT ITEM
- FILL - INCIDENTAL TO LANE SHIFT ITEM
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF



LANE SHIFT IN FLAGGING OPERATION

6

6

SDD 15D48 - 01

SDD 15D48 - 01

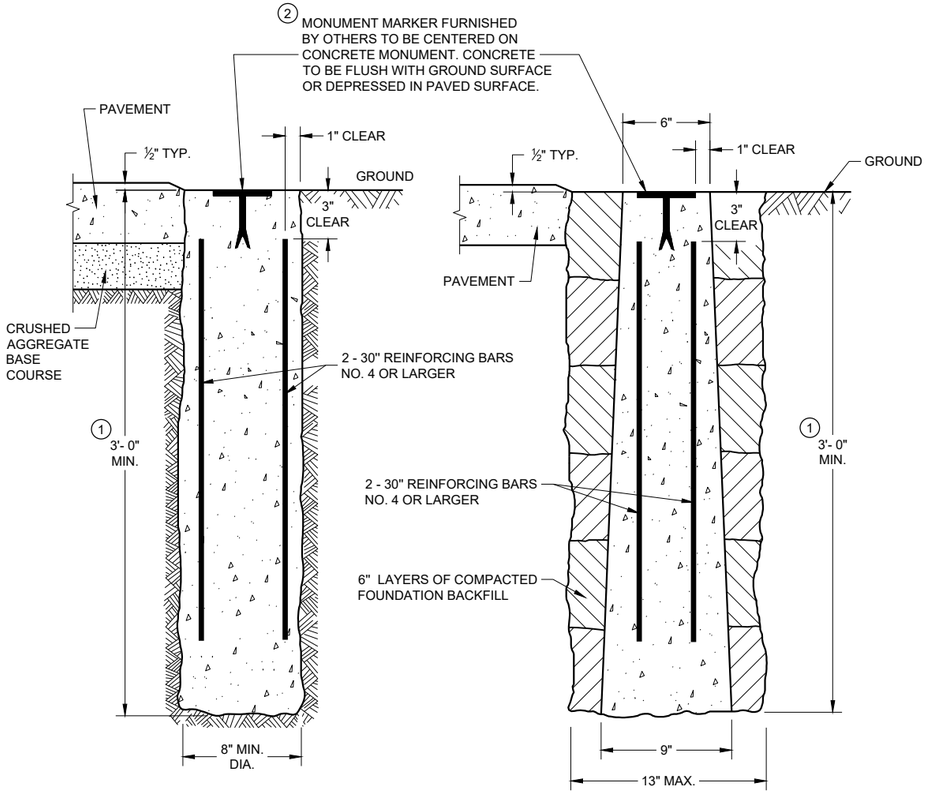
TRAFFIC CONTROL, TEMPORARY LANE SHIFT DURING CULVERT WORK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

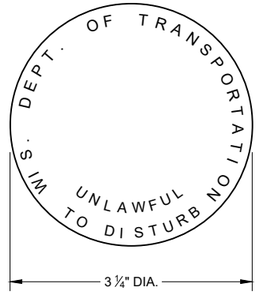
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA



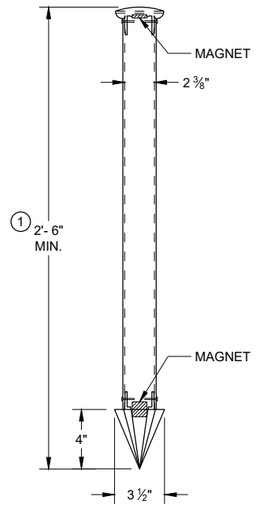
CAST-IN-PLACE **PRECAST**

CONCRETE MONUMENTS
TYPE A

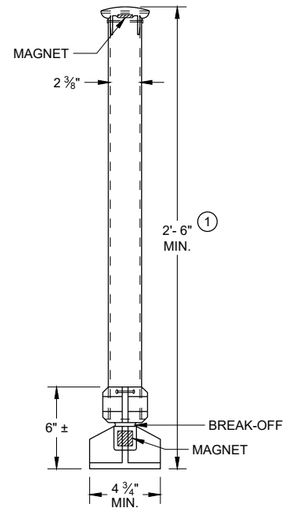


② **WIS DOT MONUMENT MARKER LOGO**

FOR TYPES "A", "C" & "D"

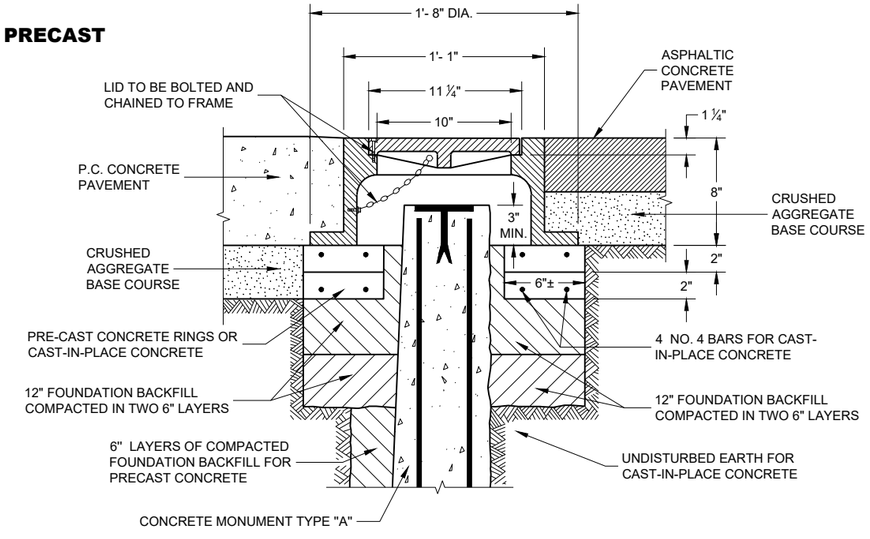


TYPE C
DRIVEN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS
(INCLUDES MARKER)



CAST IRON MONUMENT COVER
(APPROXIMATE WEIGHT 95 LBS)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

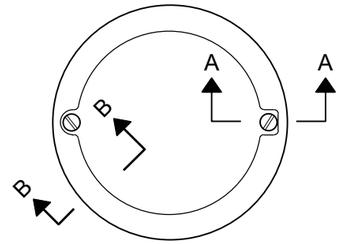
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

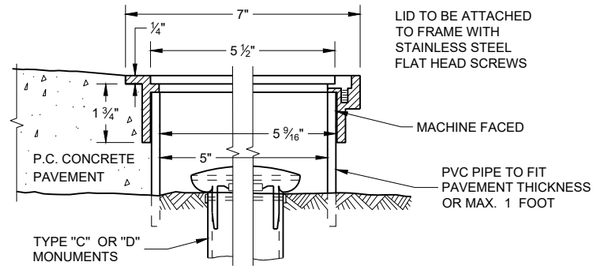
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WISDOT MARKER.



TOP VIEW



SECTION B-B **SECTION A-A**

ALUMINUM MONUMENT COVER
(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Raymond A. Kumapayii
CHIEF SURVEYING AND MA
ENGINEER

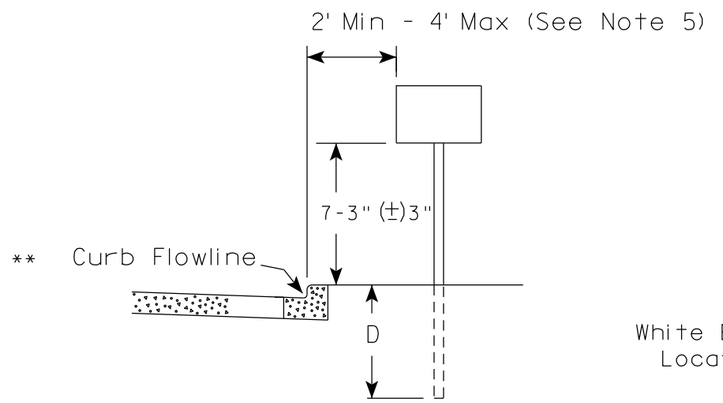
FHWA

6

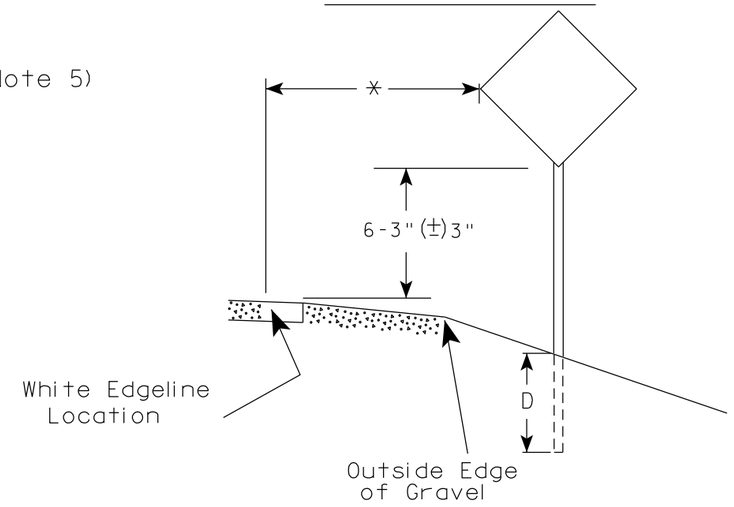
SDD 16A01 - 07

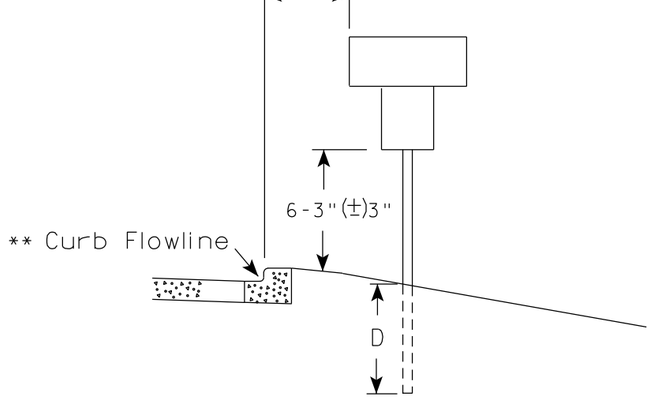
SDD 16A01 - 07

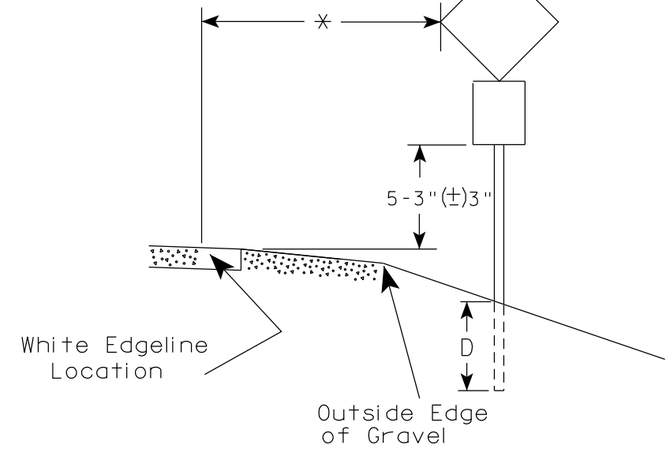
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

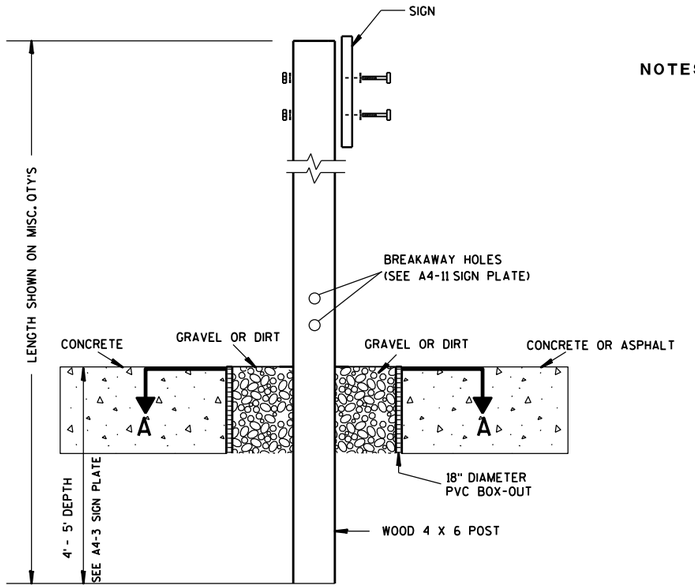
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

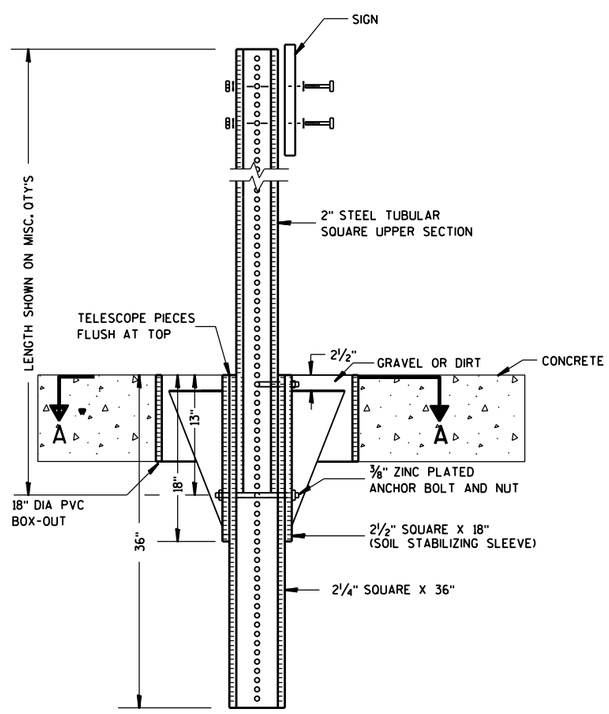
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 306	E



ELEVATION VIEW

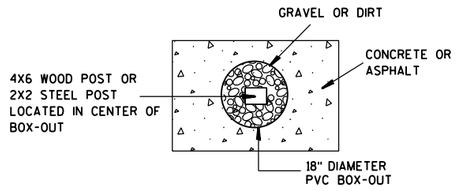
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

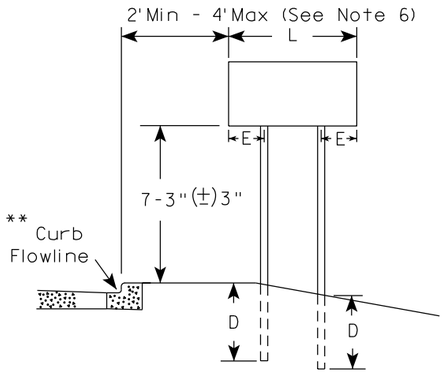
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

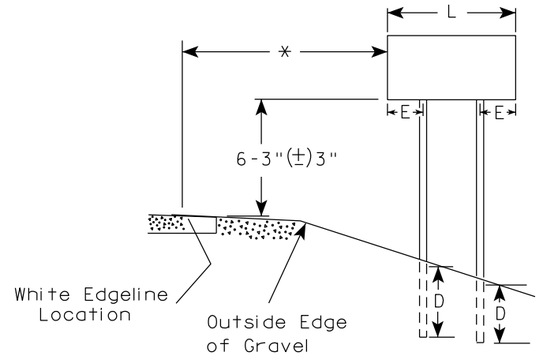
DATE 1/27/14 PLATE NO. A4-3B.1

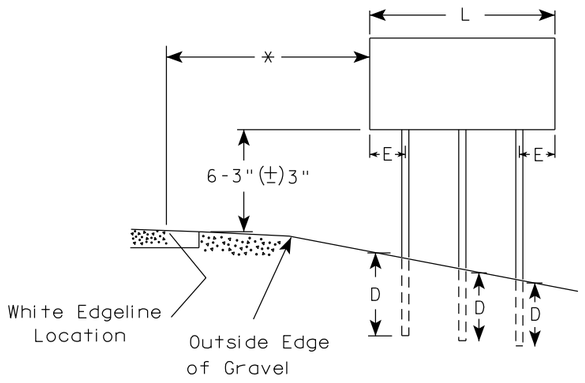
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

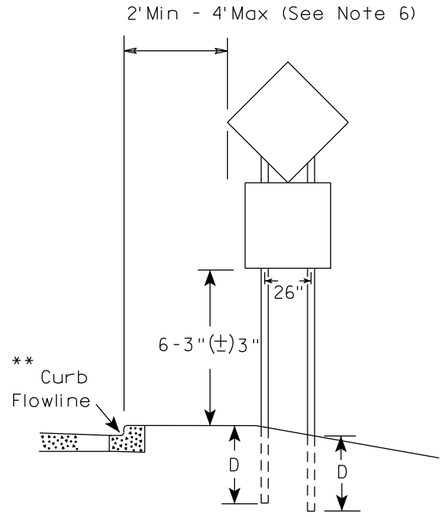
URBAN AREA



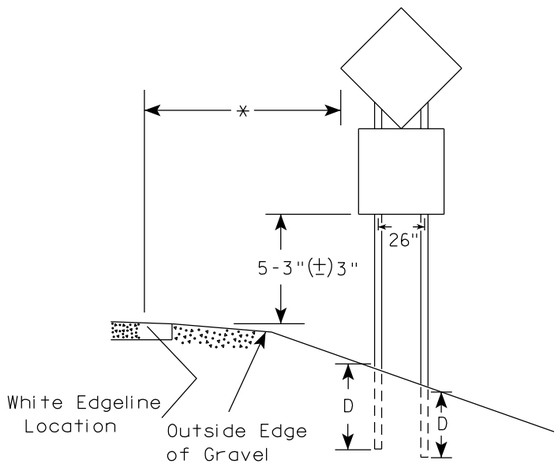
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

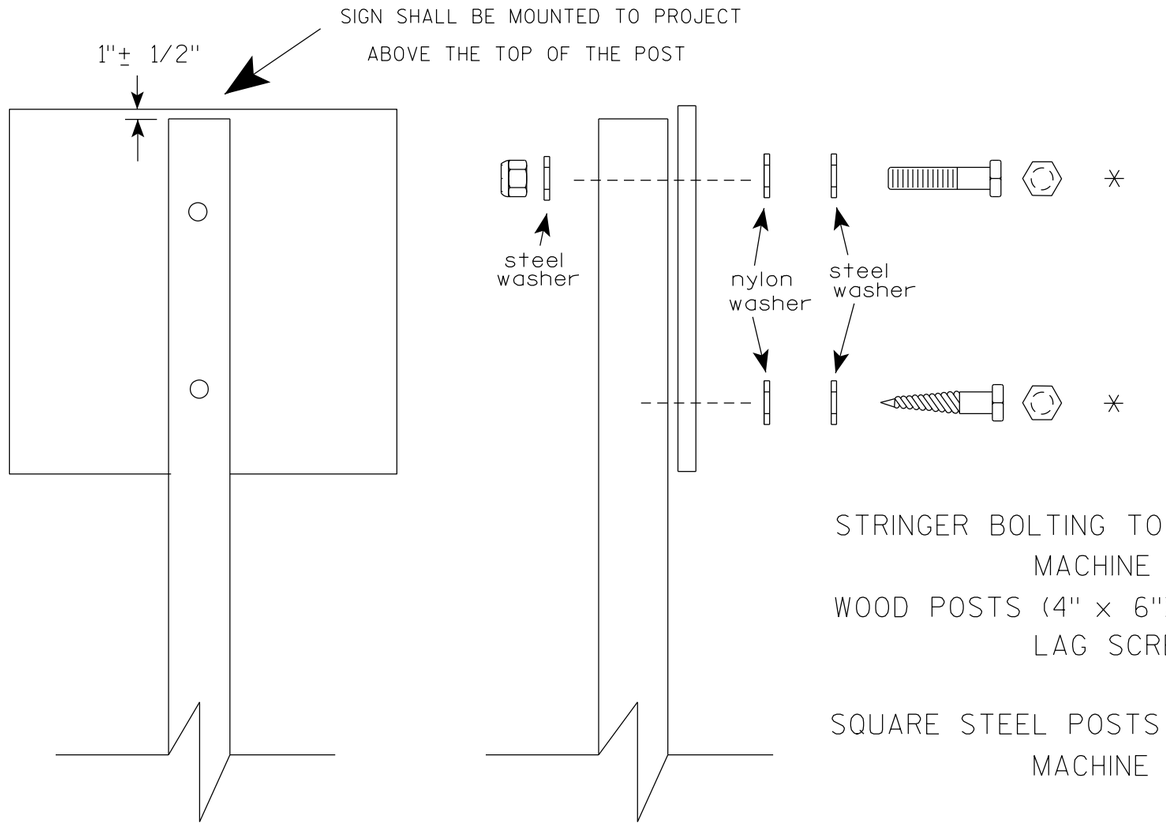
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 308	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

SHEET NO: 309 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 01-APRIL-2020 PLOT BY : dotc4c

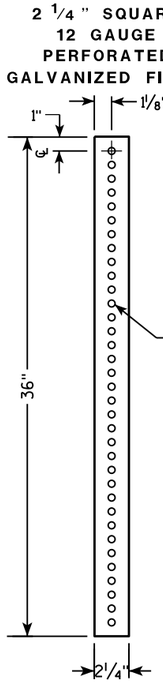
WISDOT/CADDS SHEET 42

7

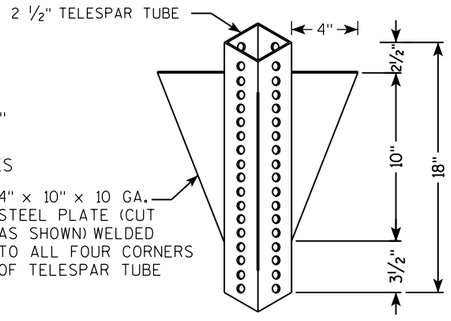
7

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

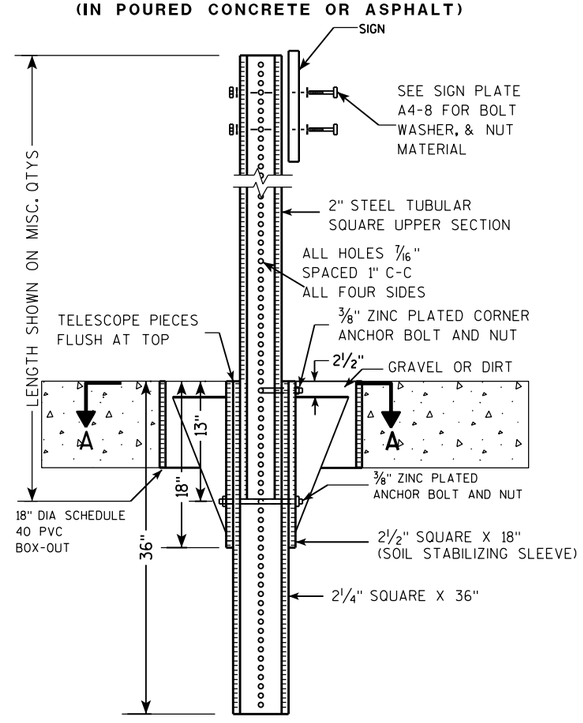
2 ¼ " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



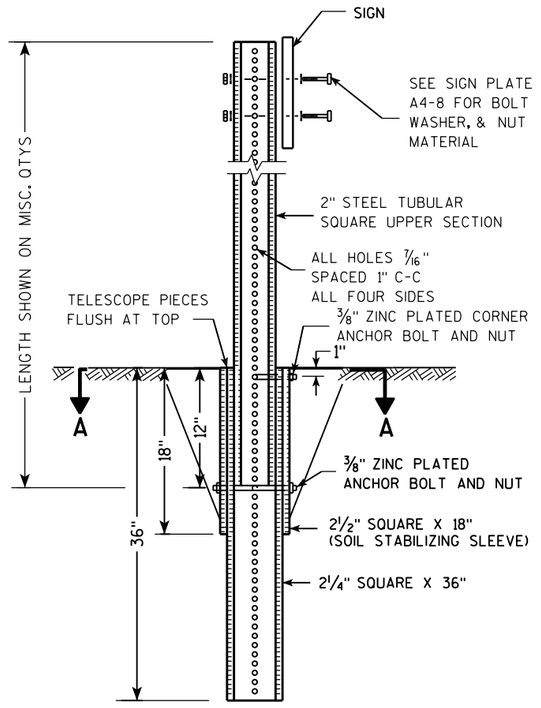
2 ½ " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

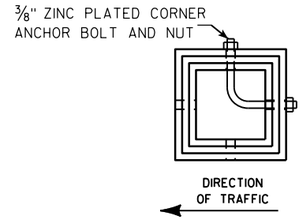


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

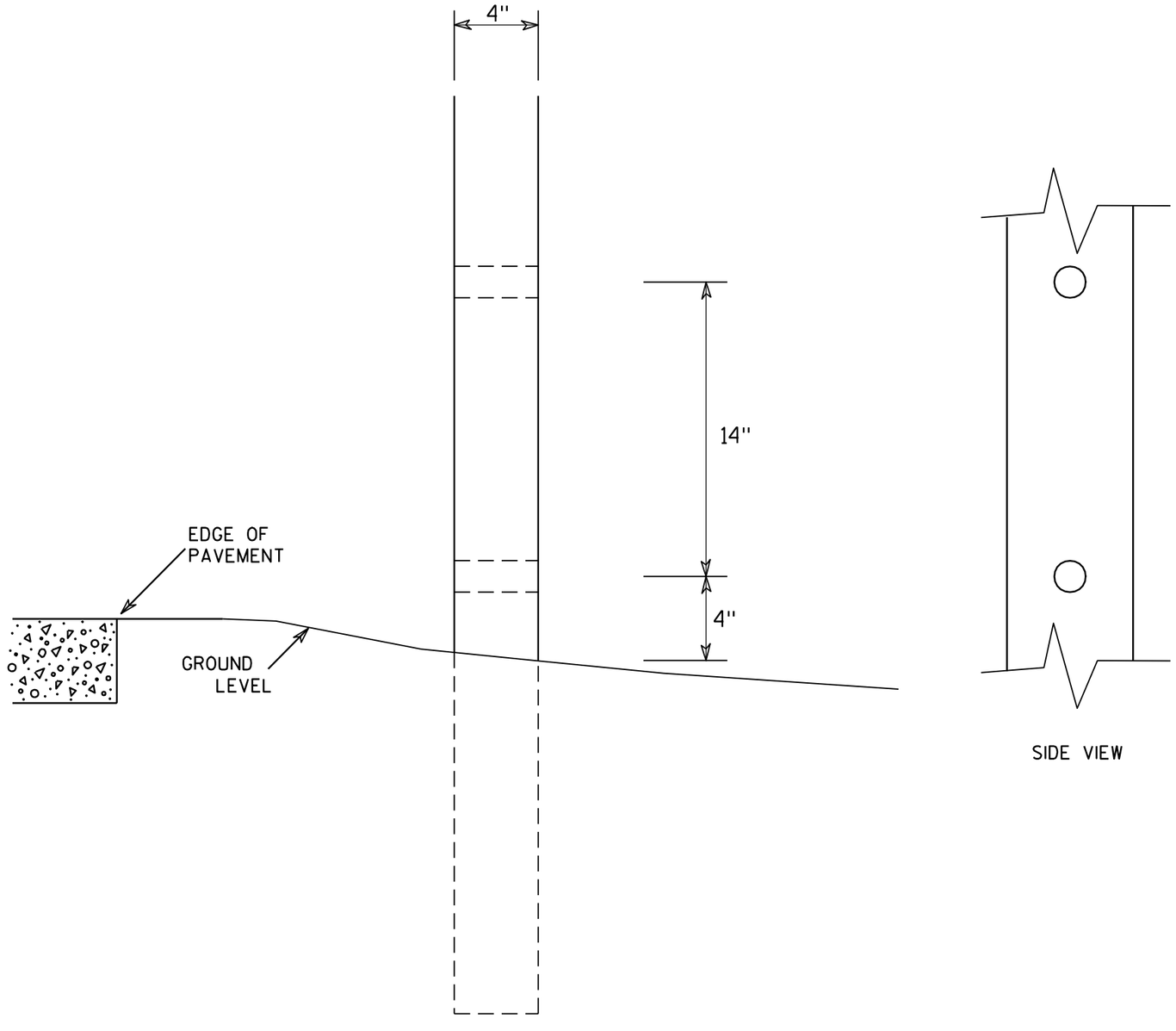
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 310 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

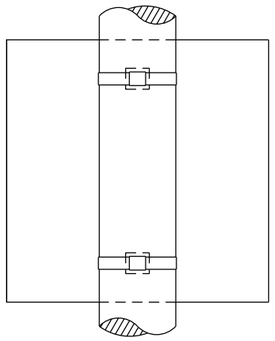
APPROVED Chester J Spang
for State Traffic Engineer

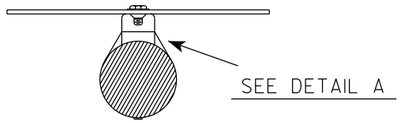
DATE 3/27/97 PLATE NO. A4-11.2

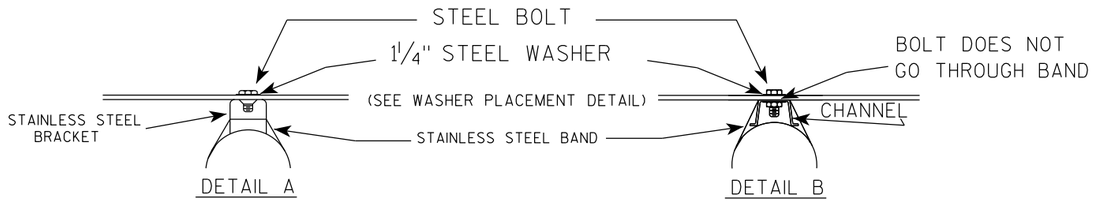
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 311	E

BANDING

SINGLE SIGN



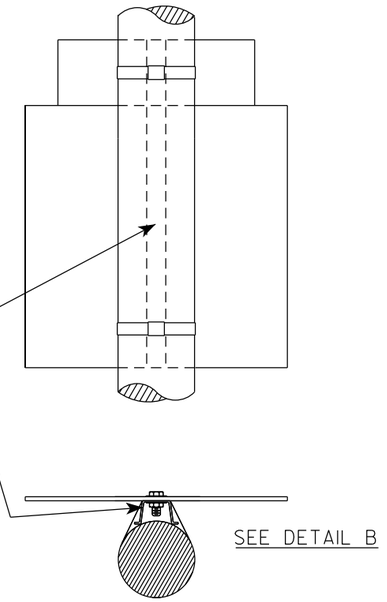




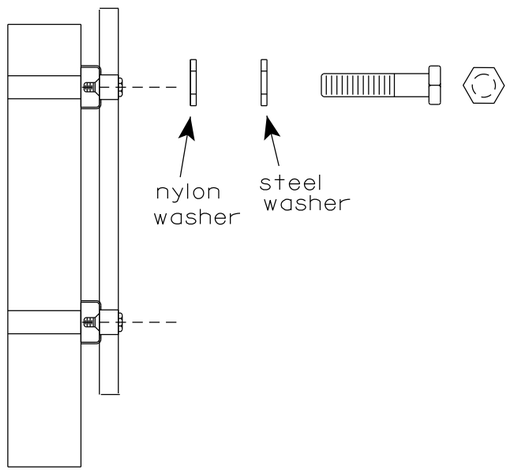
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

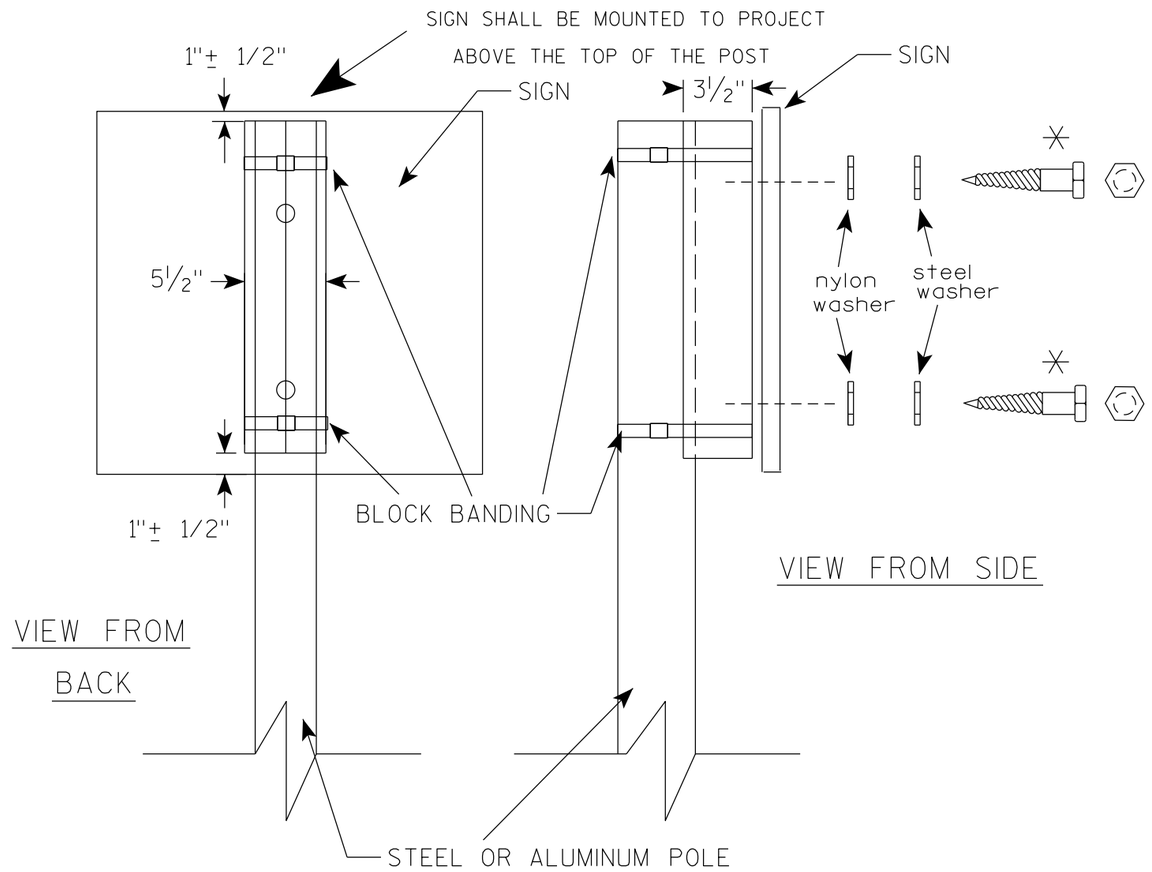
WISCONSIN DEPT OF TRANSPORTATION

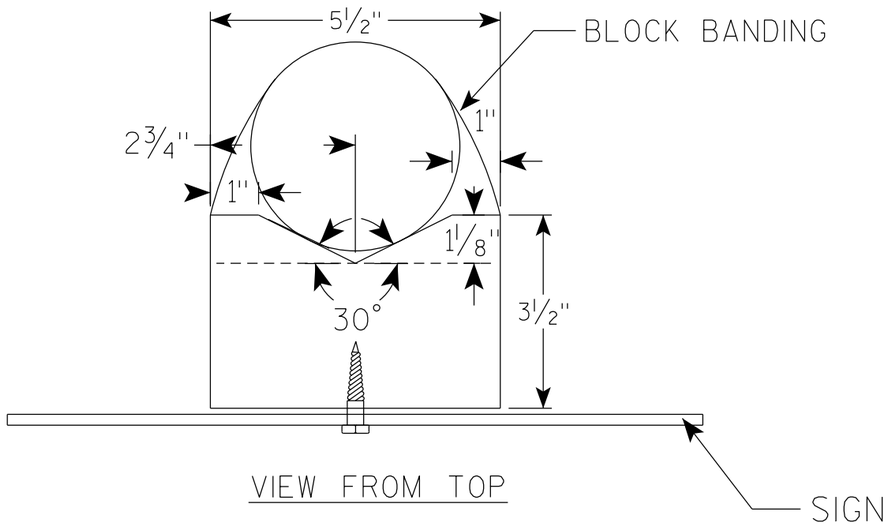
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/10/19 PLATE NO. A5-9.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 312	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

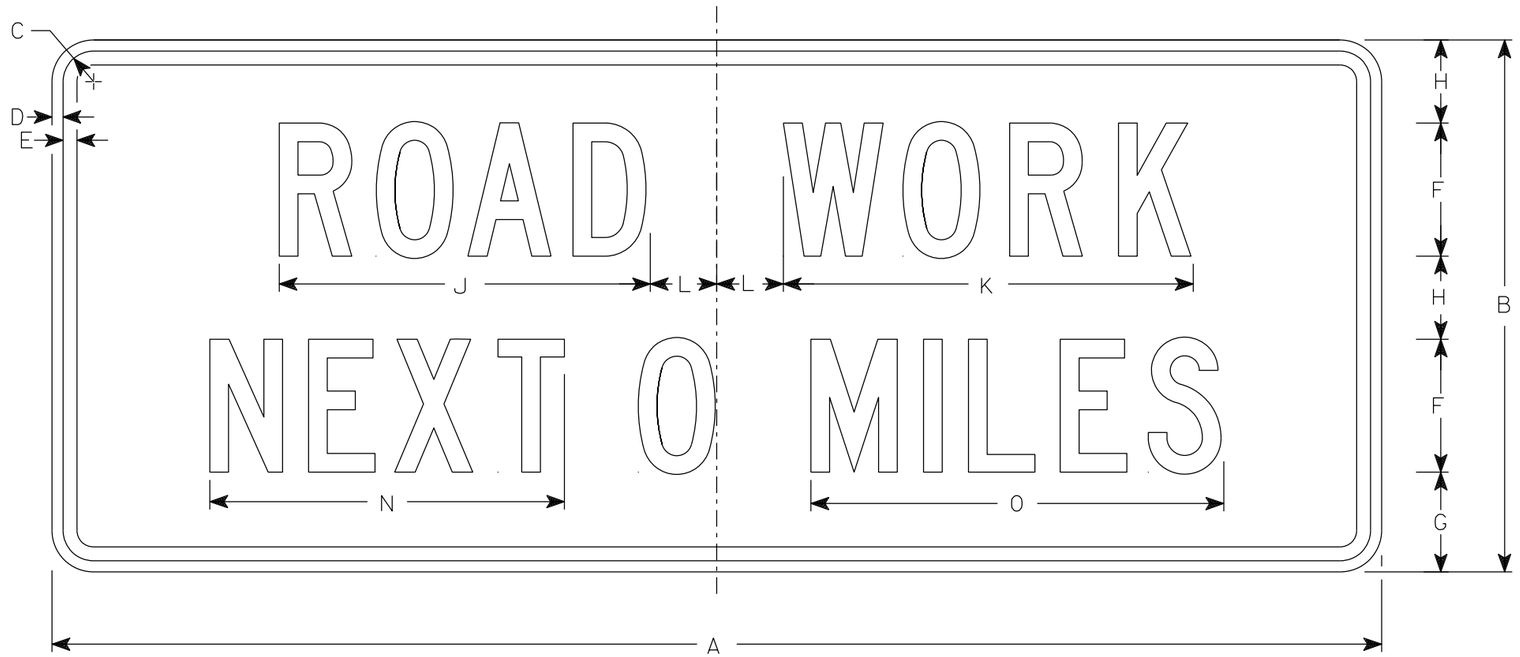
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 313 E



G20-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0

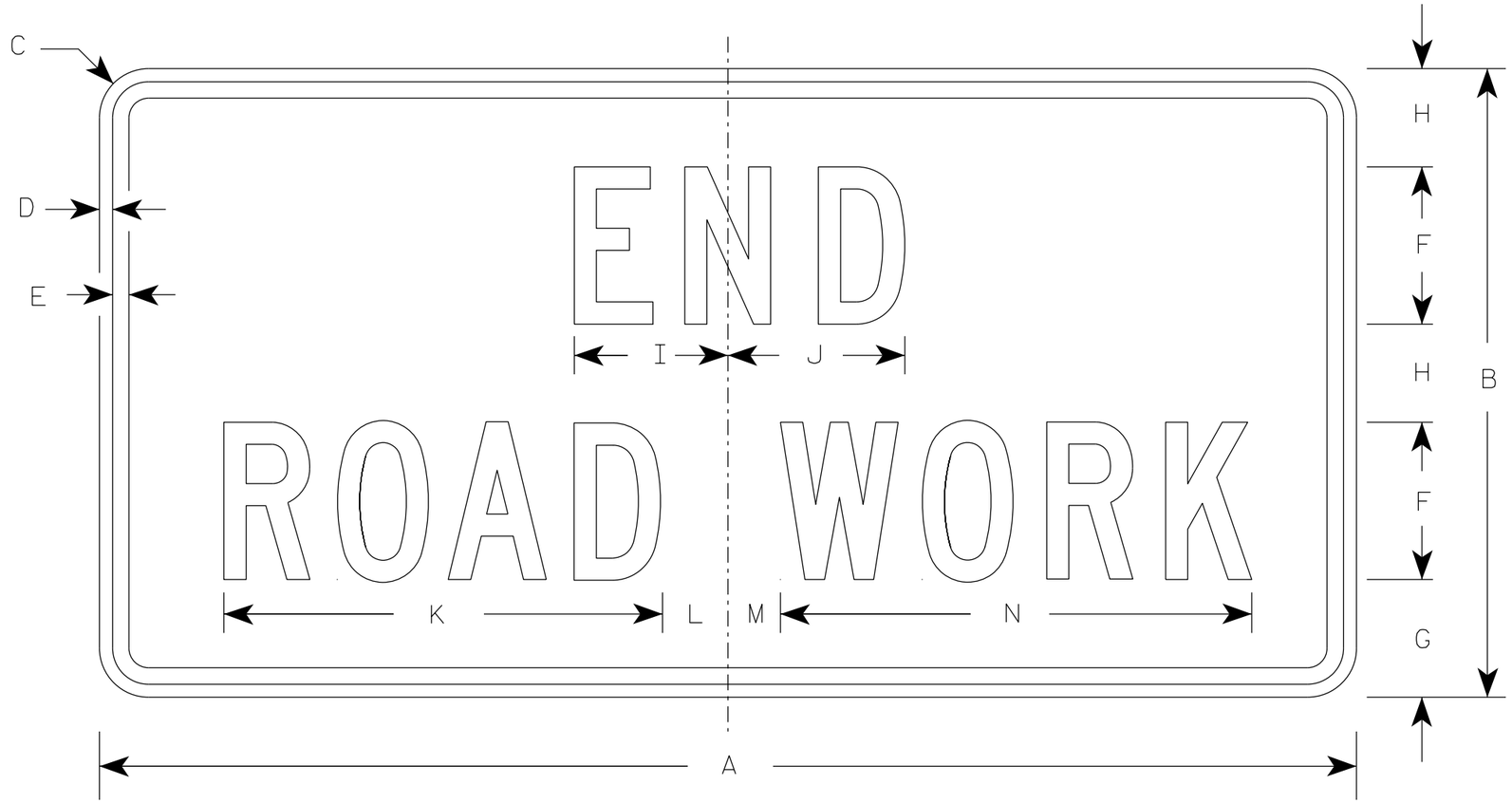
STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 314	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

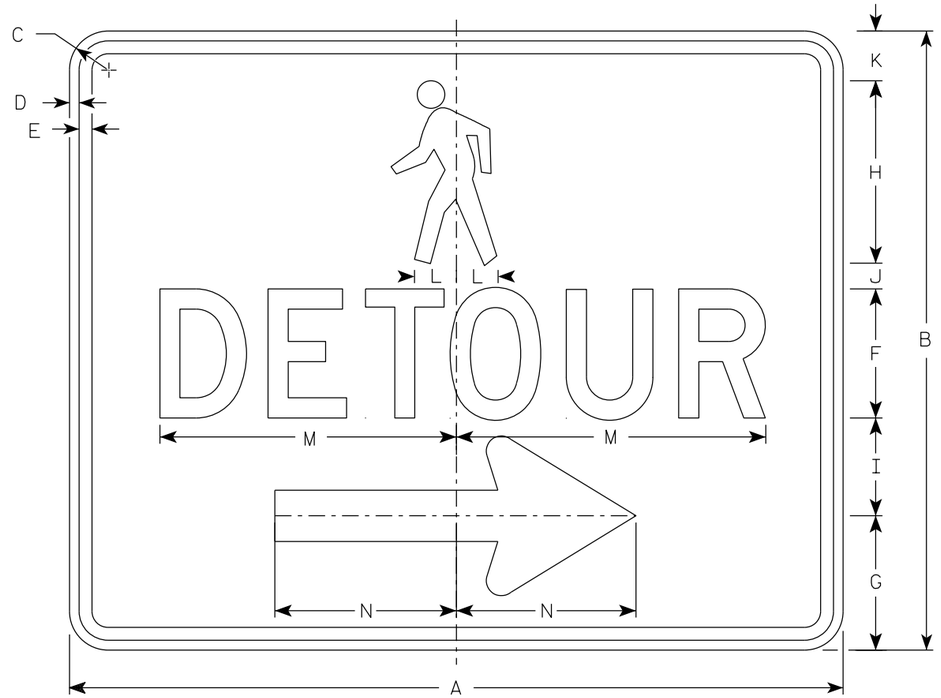
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

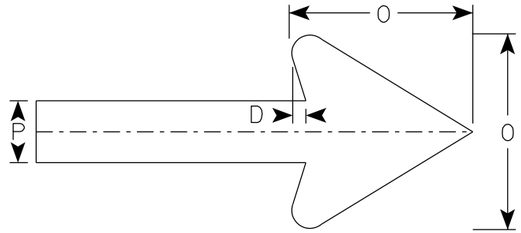
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 315 E



M4-9BR

NOTES

1. Sign is Type II-Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9BL is the same as M4-9BR except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
2M	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
3																											
4																											
5																											

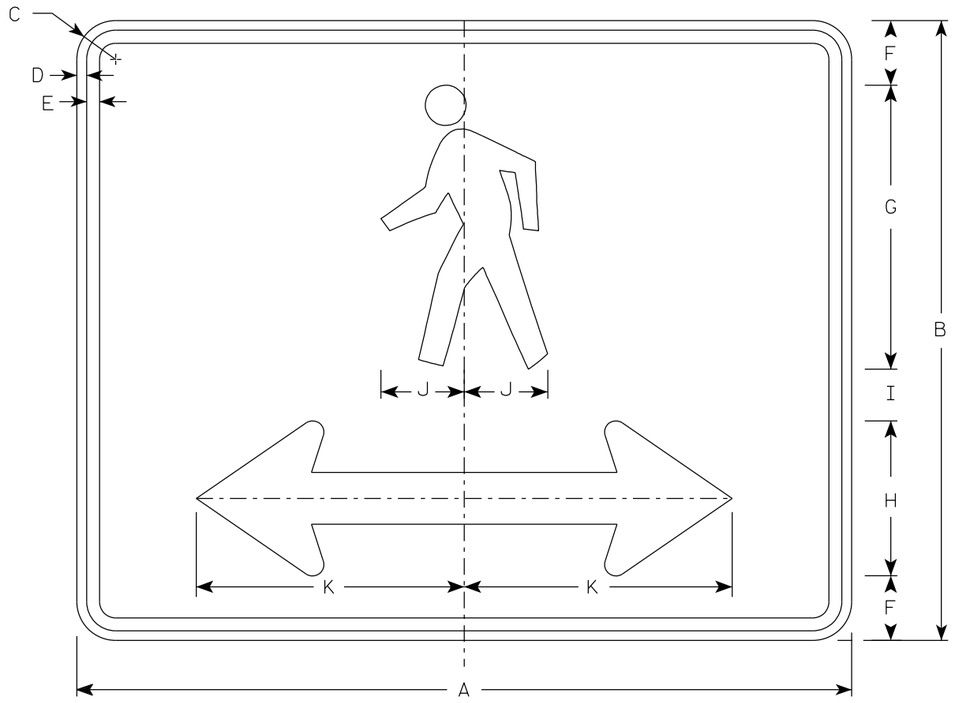
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

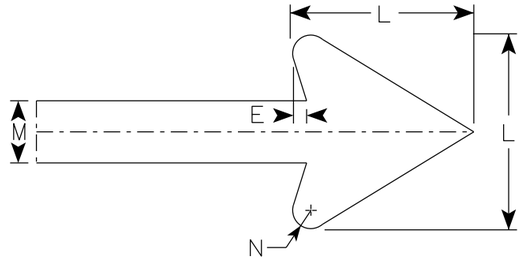
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 316 | E



M4-60D

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	2 1/2	11	6	2	3 1/4	10 3/8	6	2	3/8													5.00
2M	30	24	1 1/2	3/8	1/2	2 1/2	11	6	2	3 1/4	10 3/8	6	2	3/8													5.00
3																											
4																											
5																											

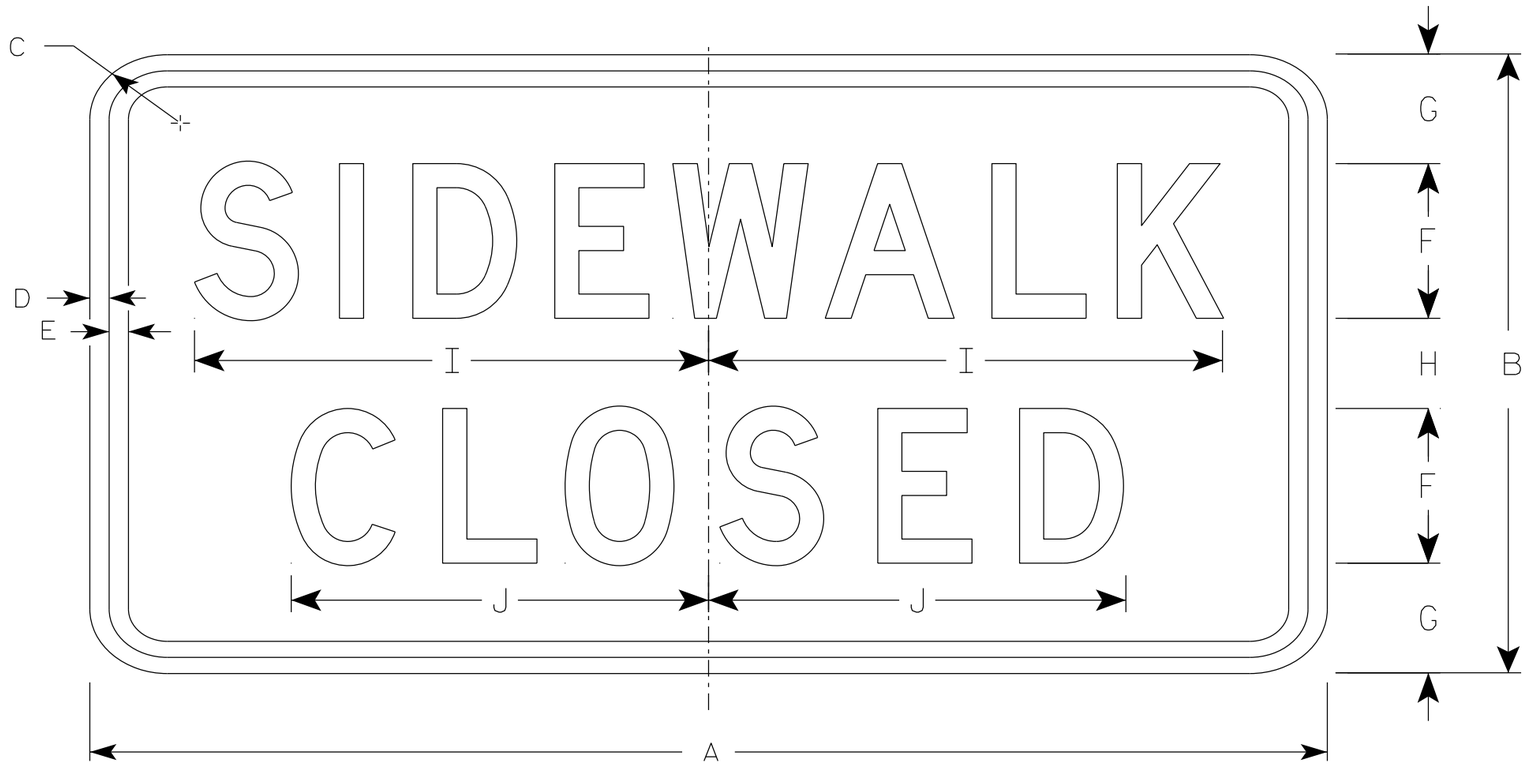
STANDARD SIGN
M4-60D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60D.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 317 | E



R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
2M	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
3	30	18	1 ½	½	½	4	3 ½	3	12 ½	10 ¼																	3.75
4																											
5																											

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

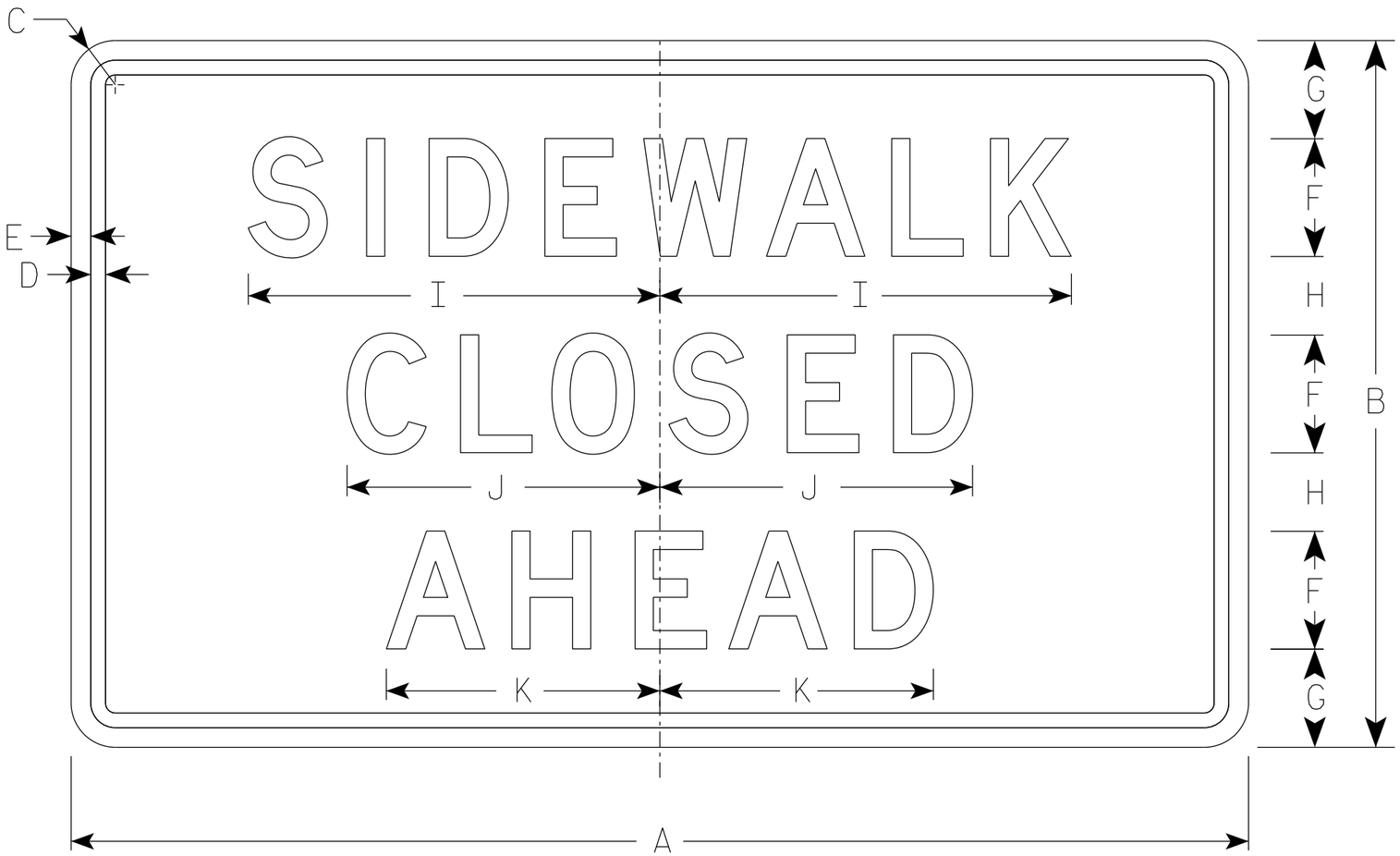
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 318 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R9-9A

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
2M	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
3																											
4																											
5																											

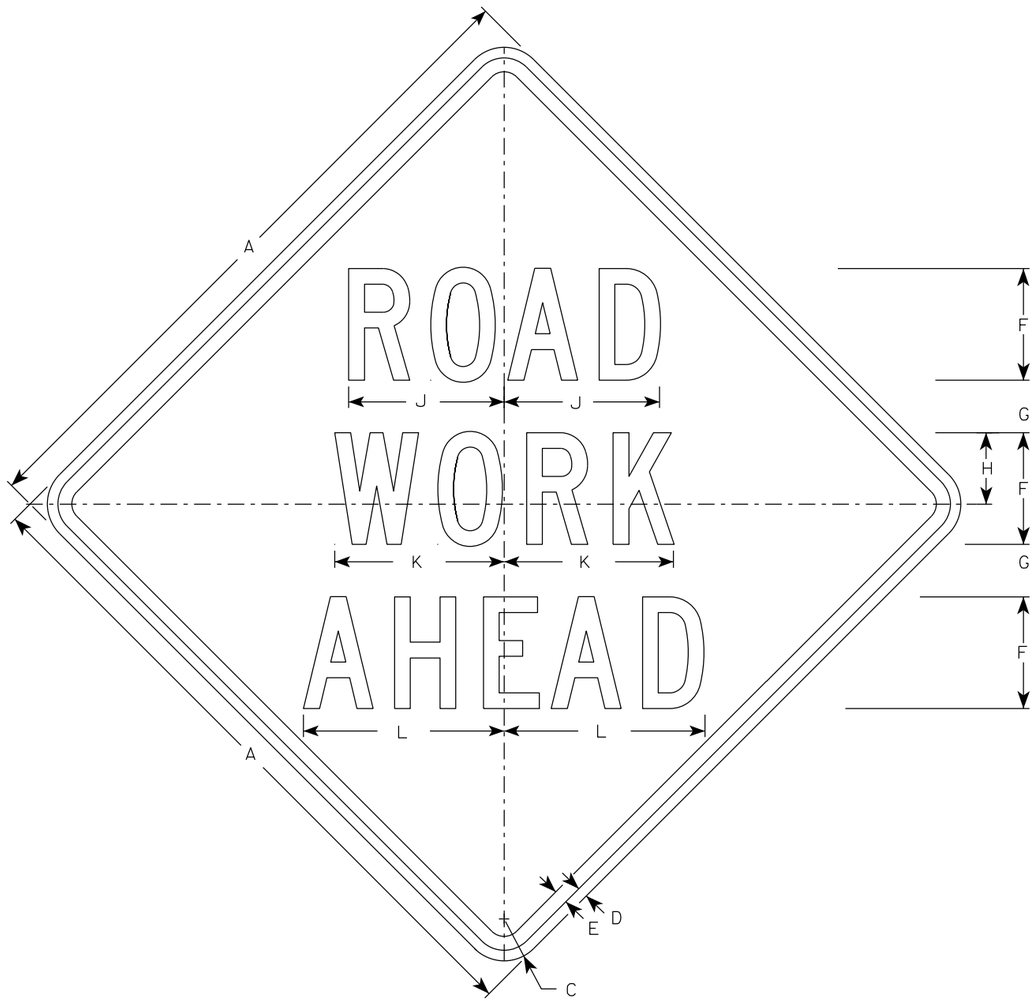
STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

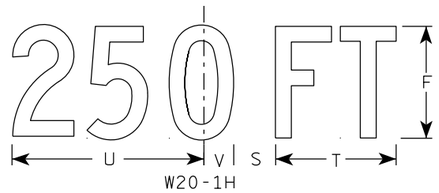
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

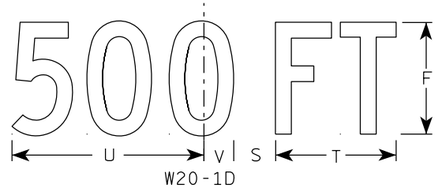
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 319 | E



W20-1A

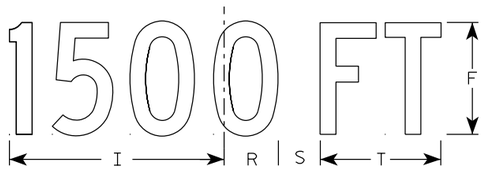


W20-1H



W20-1D

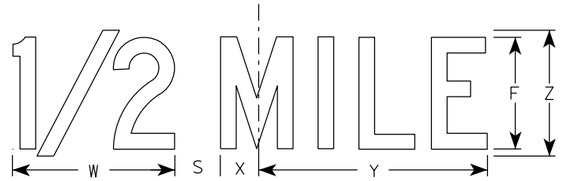
W20-1C



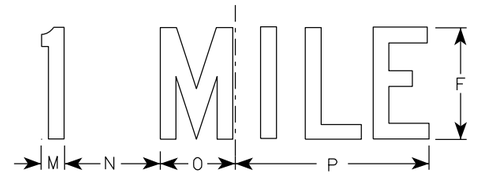
W20-1B

NOTES

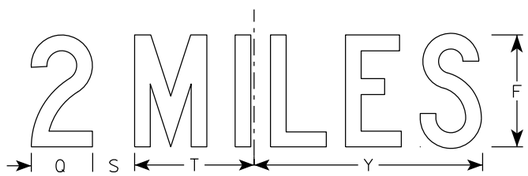
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

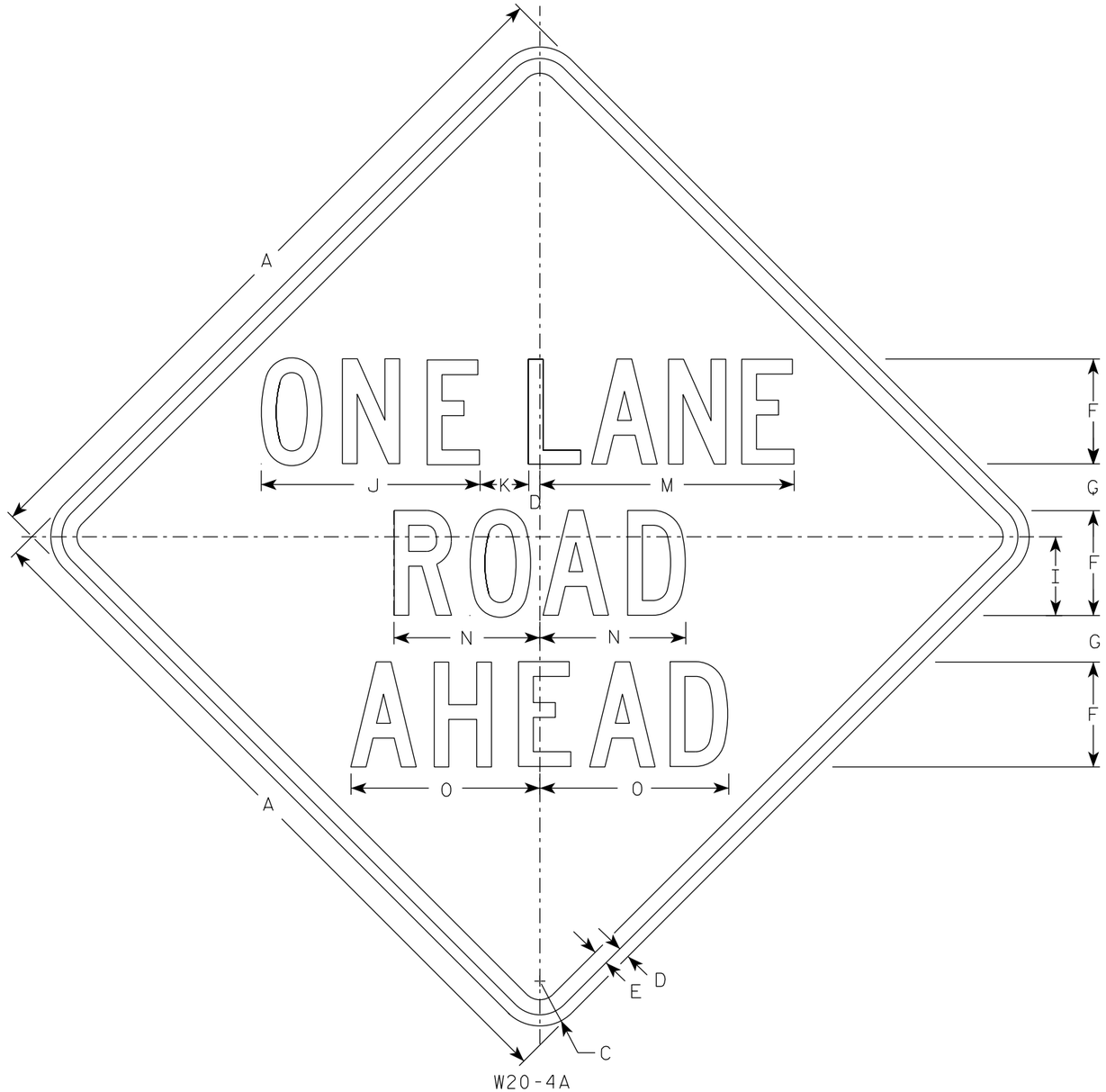
PROJECT NO:

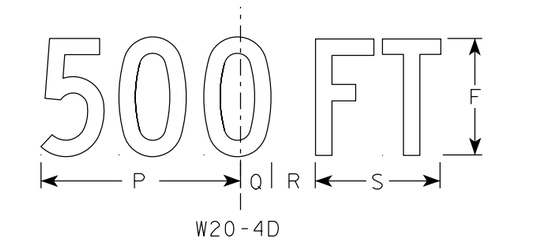
SHEET NO: 320 E

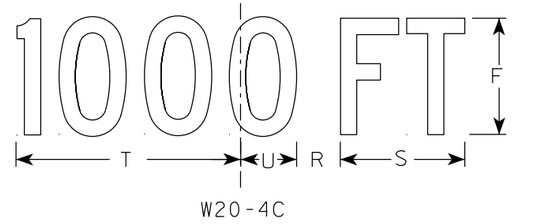
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 10-JAN 2024 11:16 PLOT BY : dotc4c

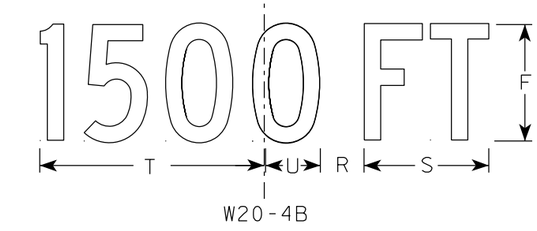
WISDOT/CADDS SHEET 42

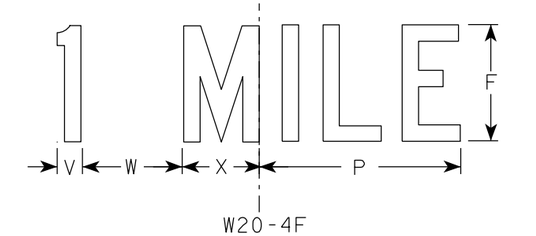
7











NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 3/8	6	3 3/4	10 3/8	2 3/8	8	13 1/2	7	8 7/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-4A, B, C, D, F & G

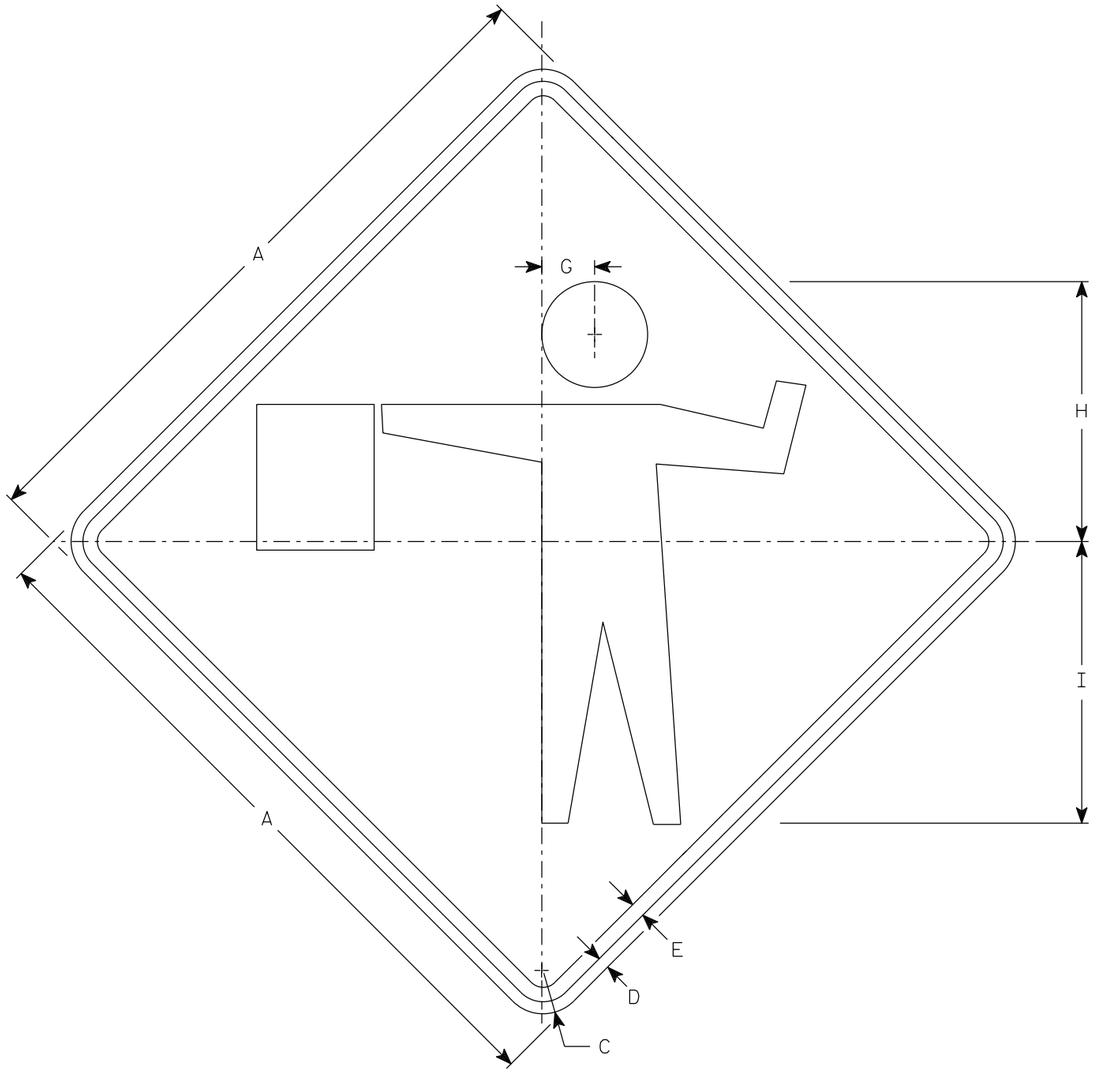
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-4.10

PROJECT NO:

SHEET NO: 321 E



W20-7A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4		2 3/4	13 1/2	14 5/8																		9.0
2S	48		3	3/4	1		3 3/4	18	19 1/2																		16.0
2M	48		3	3/4	1		3 3/4	18	19 1/2																		16.0
3	48		3	3/4	1		3 3/4	18	19 1/2																		16.0
4	48		3	3/4	1		3 3/4	18	19 1/2																		16.0
5	48		3	3/4	1		3 3/4	18	19 1/2																		16.0

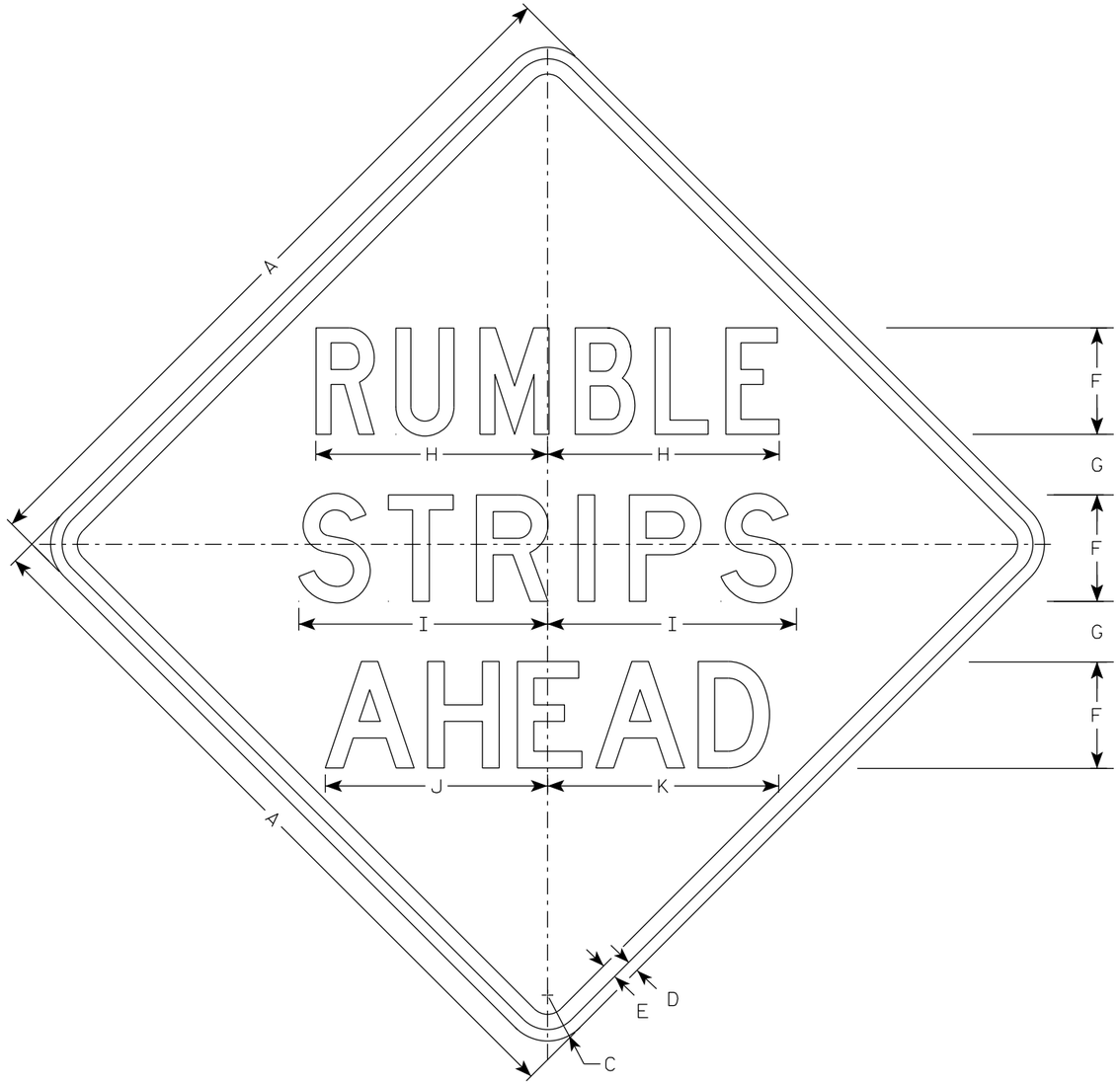
STANDARD SIGN
W20-7A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-7A.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 322 E



W21-65

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 4
4. Line 1 is Series C
   Lines 2 and 3 are Series D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 1/4	10 7/8	11 5/8	11	11 5/8																9.0
2S	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
2M	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
3	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
4	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
5	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0

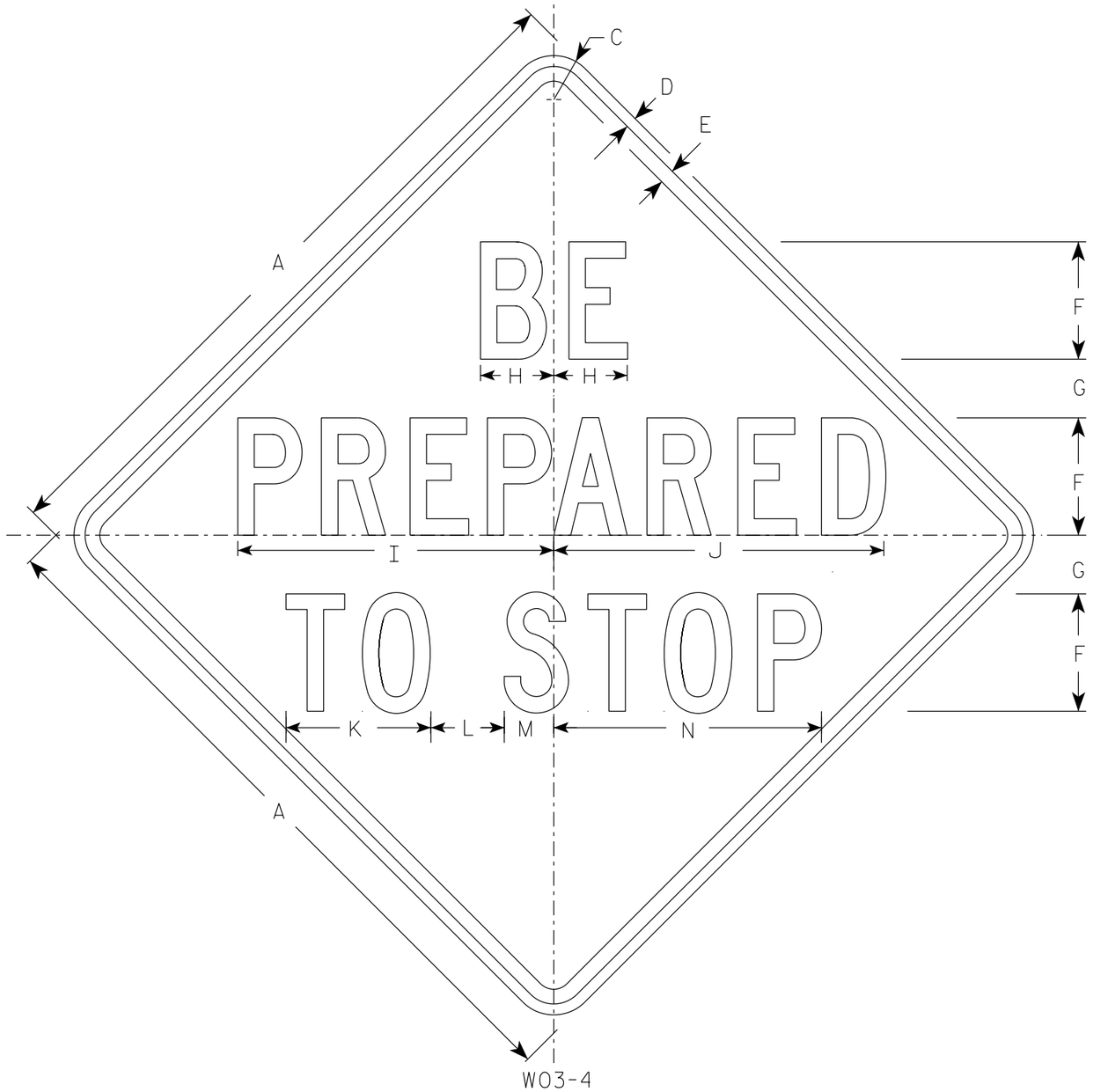
STANDARD SIGN
W21-65

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/17/2024 PLATE NO. W21-65.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 323 E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	1/2	5/8	6	2 1/2	3 3/4	15 7/8	16 7/8	7 3/8	4	2 3/8	13 3/4													9.0
2S	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
2M	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
3	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
4	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
5	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0

STANDARD SIGN
W03-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. W03-4.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 324	E

STH 124 - STA. 1069+85 TO STA. 1070+38

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) Cut	Incremental Vol (CY) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Fill 1.00	Mass Ordinate Note 1
1069+85	0	2	1	0	0	0	0	0
1070+00	15	2	1	1	1	1	1	0
1070+25	25	0	1	1	1	2	1	0
1070+38	13	0	0	0	0	2	1	0
				2	1			

Notes: 1 - MASS ORDINATE = CUT - FILL

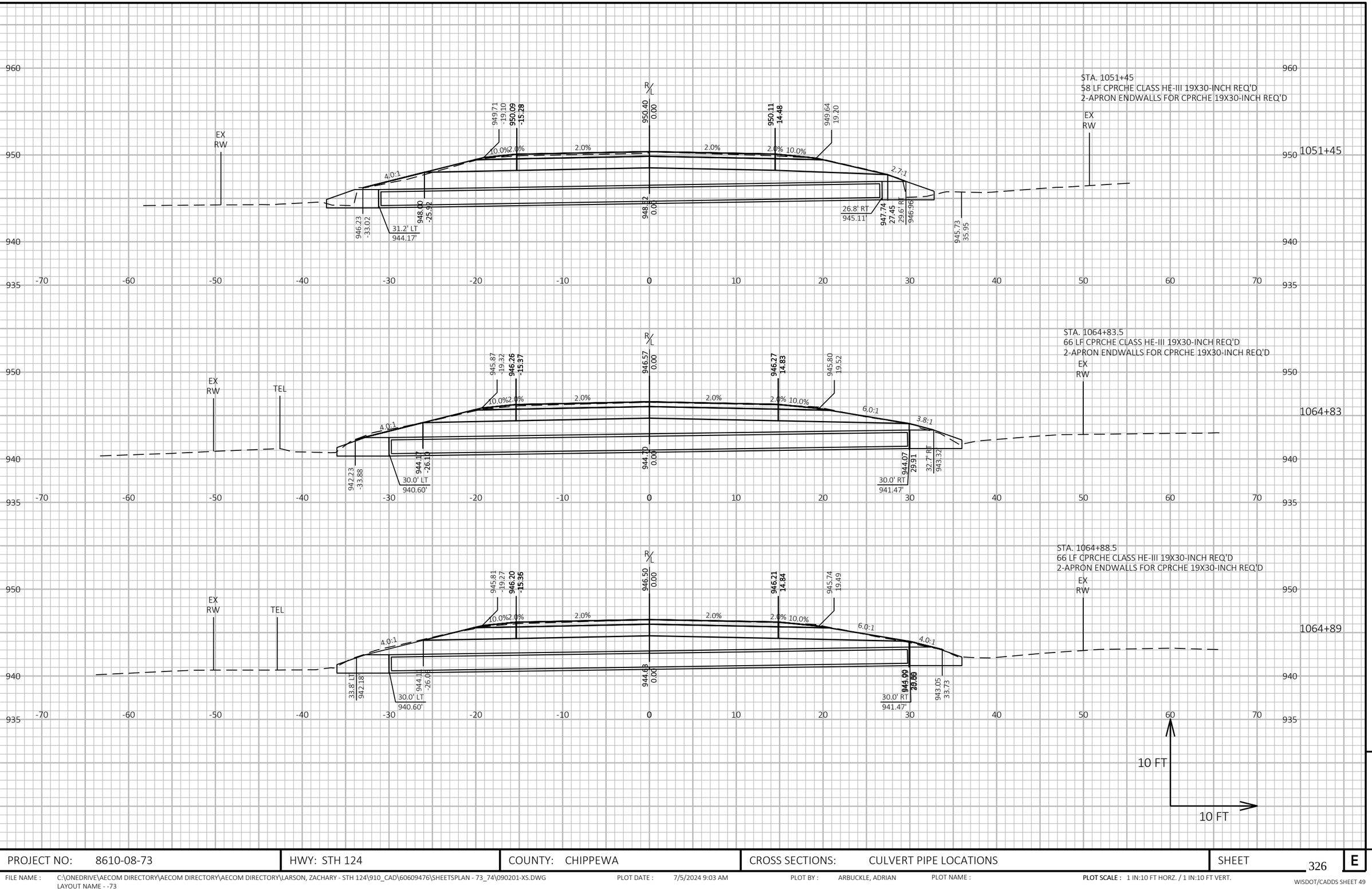
STH 124 - STA. 0+30 TO STA. 0+60

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) Cut	Incremental Vol (CY) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Fill 1.00	Mass Ordinate Note 1
0+30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+35	5	0.17	0.02	0.03	0.00	0.03	0.00	0.03
0+40	5	0.29	0.04	0.04	0.01	0.07	0.01	0.06
0+45	5	0.48	0.07	0.07	0.01	0.14	0.02	0.12
0+50	5	0.25	0.07	0.07	0.01	0.21	0.04	0.18
0+55	5	0.10	0.03	0.03	0.01	0.24	0.04	0.20
0+60	20	0.02	0.01	0.17	0.01	0.24	0.02	0.22
				0.41	0.05			

Notes: 1 - MASS ORDINATE = CUT - FILL

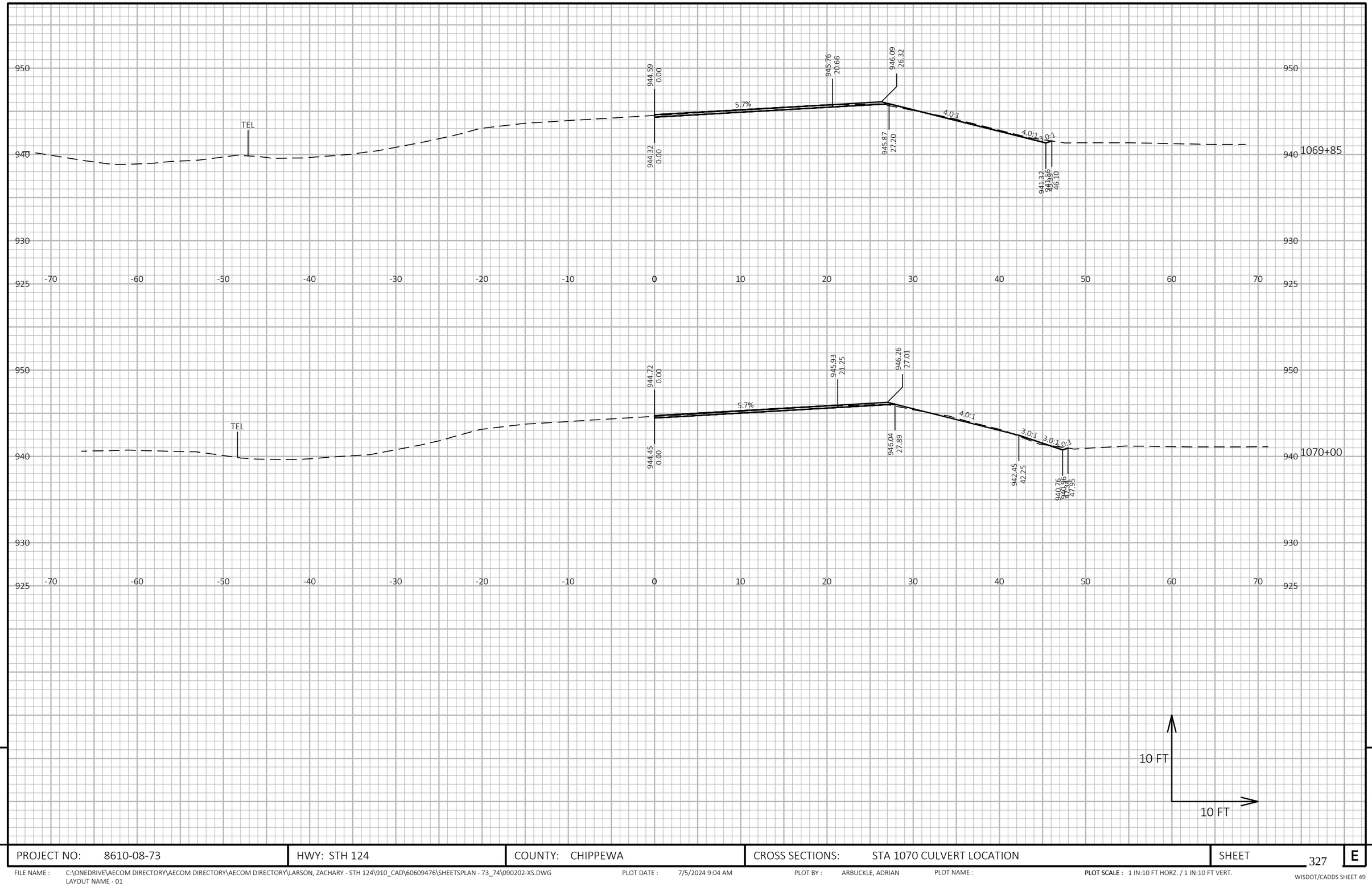
9

9



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CROSS SECTIONS: CULVERT PIPE LOCATIONS	SHEET 326	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\090201-XS.DWG
LAYOUT NAME - -73
PLOT DATE : 7/5/2024 9:03 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

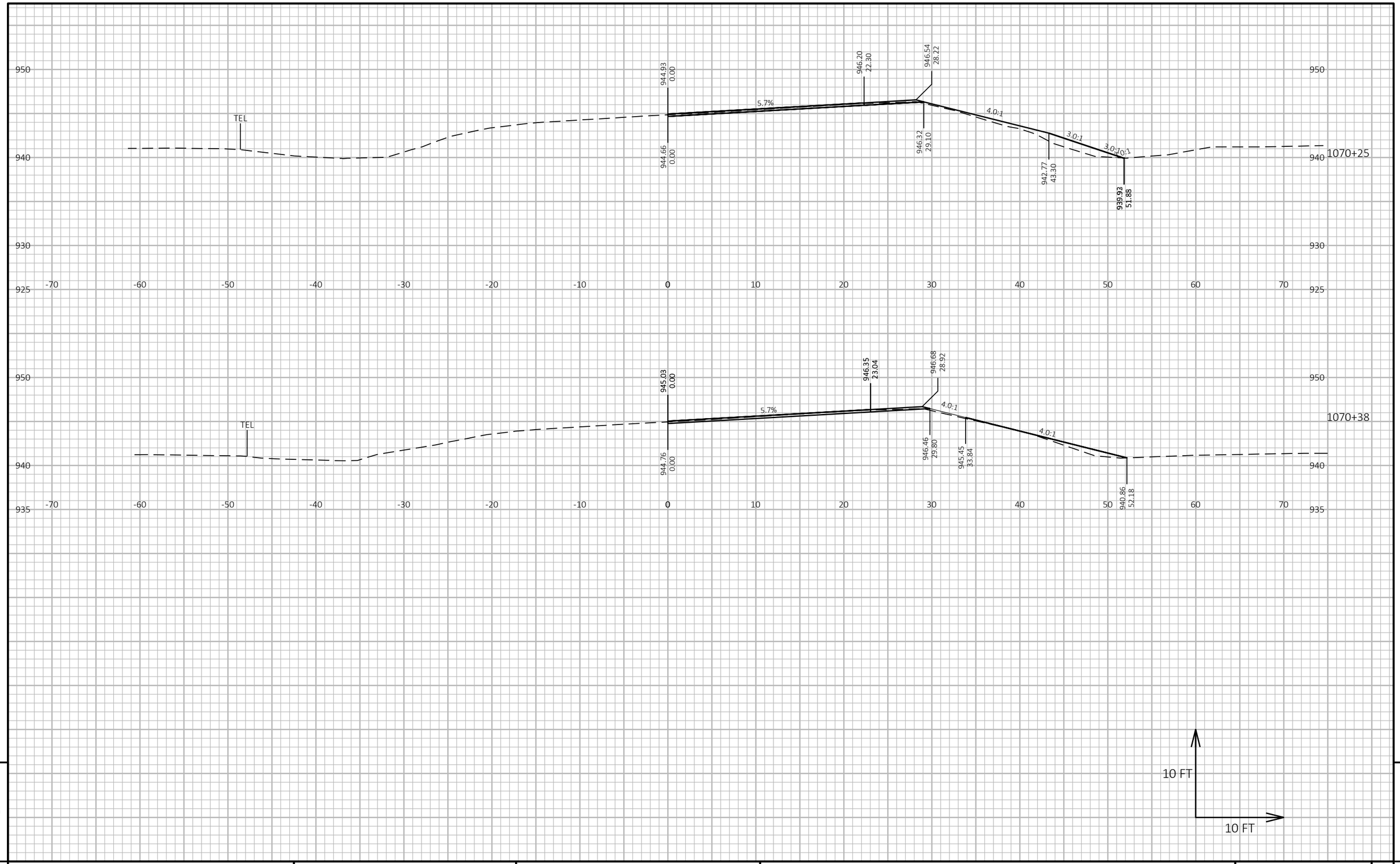
9

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CROSS SECTIONS: STA 1070 CULVERT LOCATION	SHEET 327	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\090202-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 7/5/2024 9:04 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

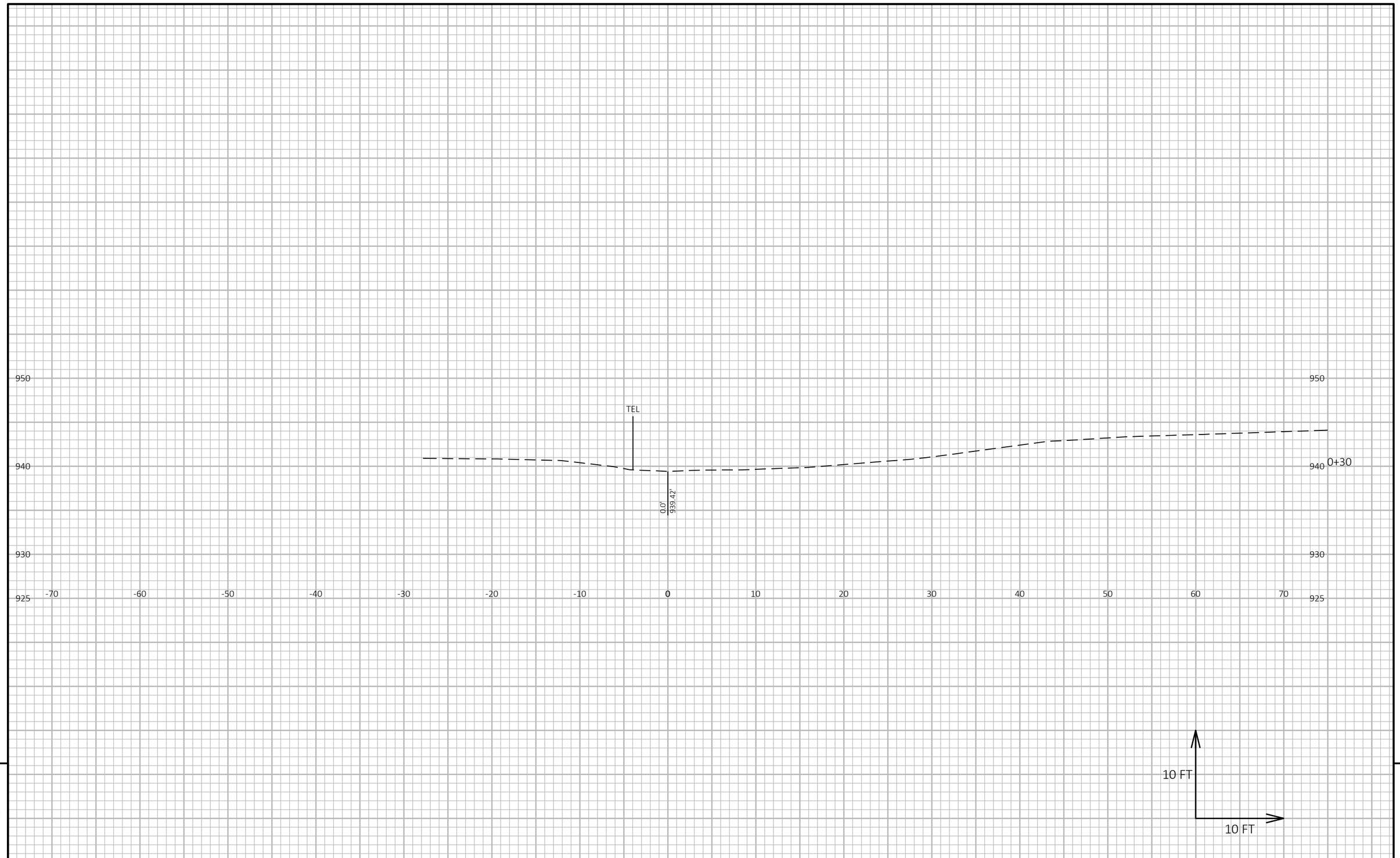


9

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CROSS SECTIONS: STA 1070 CULVERT LOCATION	SHEET 328	E

9

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\090202-XS.DWG
LAYOUT NAME - 02
PLOT DATE : 7/5/2024 9:05 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

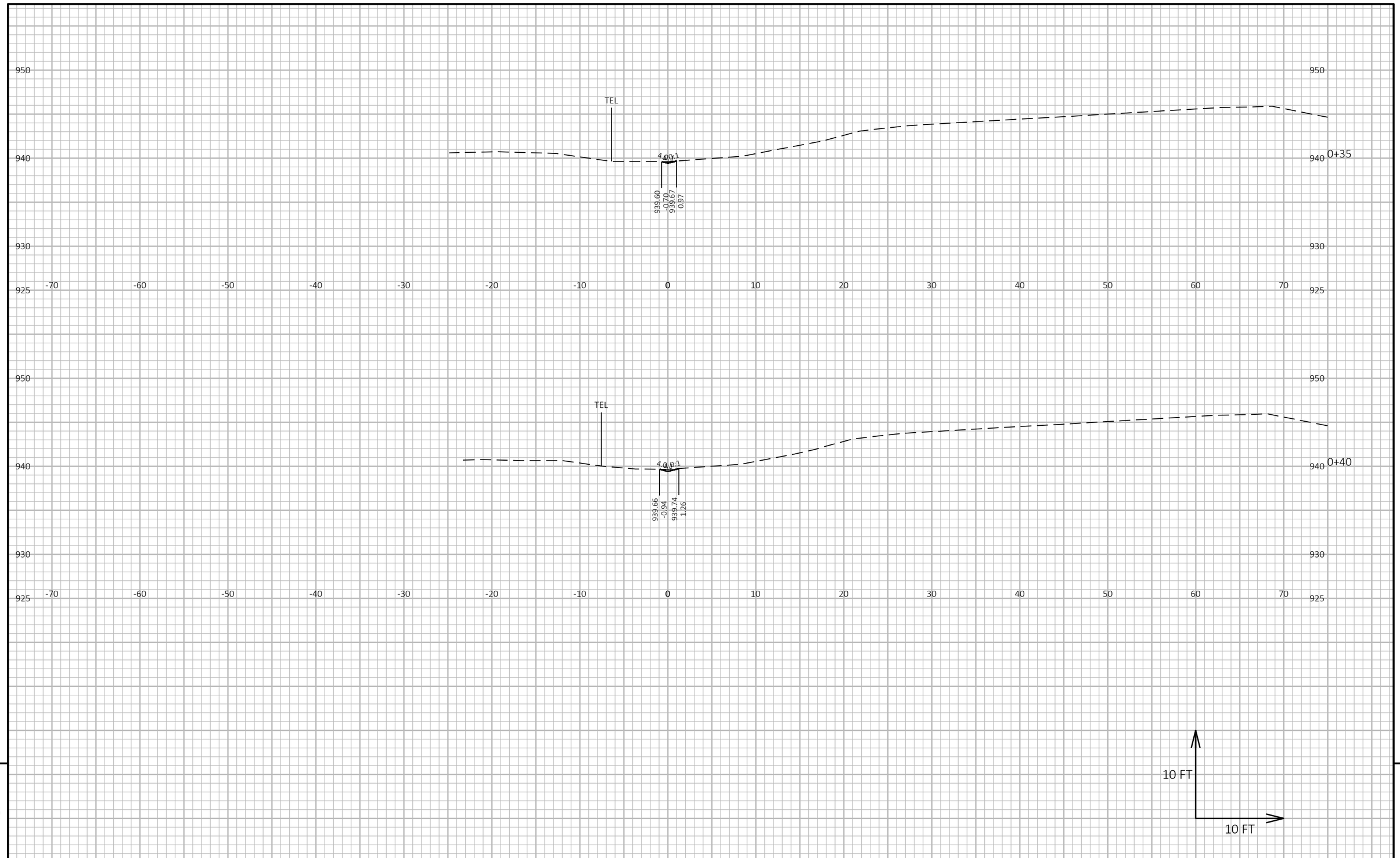


9

9

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CROSS SECTIONS: STA 1070 CULVERT LOCATION	SHEET 329	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\090202-XS.DWG
LAYOUT NAME - 03
PLOT DATE : 7/5/2024 9:05 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

9

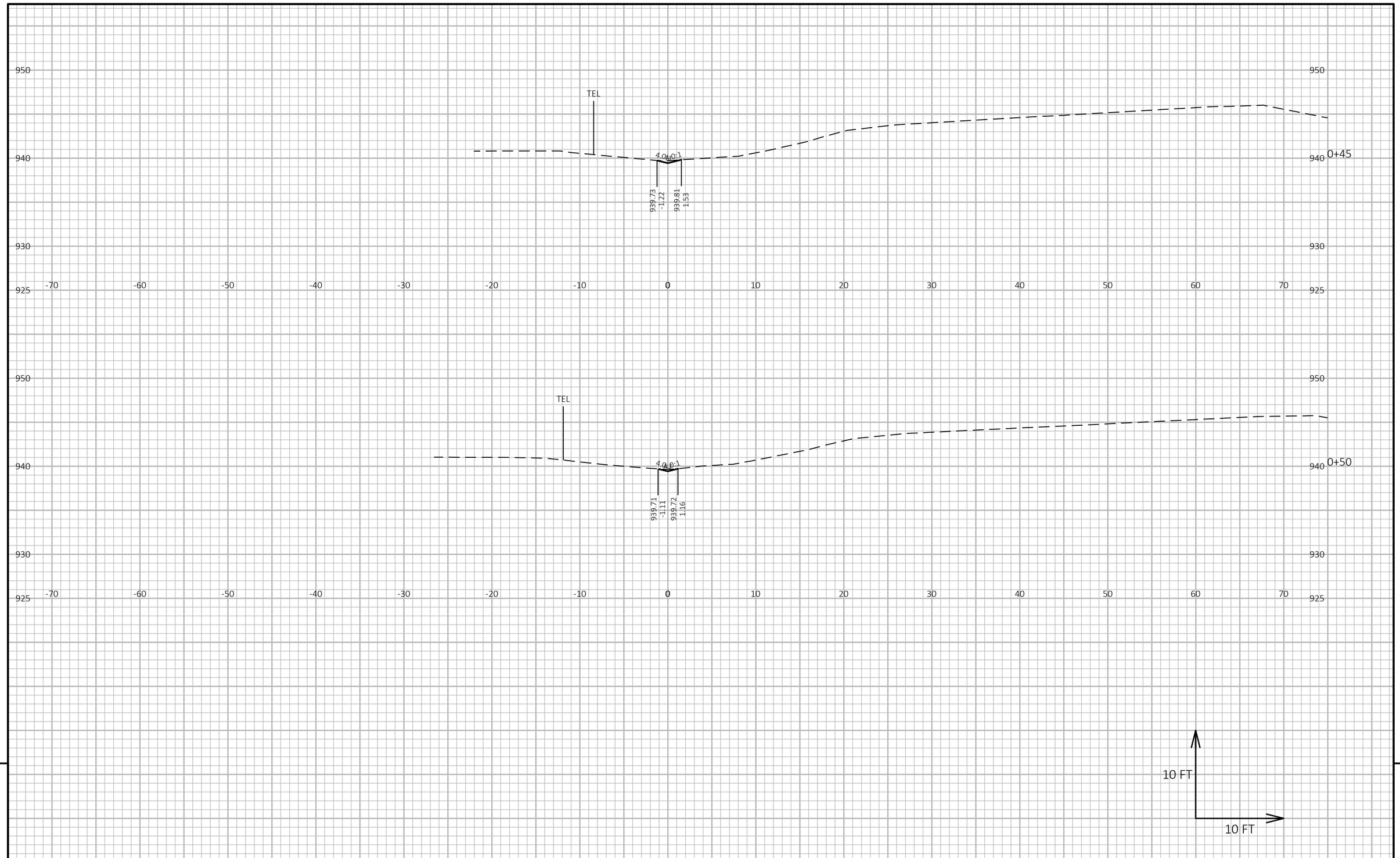
PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CROSS SECTIONS: STA 1070 CULVERT LOCATION	SHEET 330	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\090202-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/5/2024 9:05 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME :

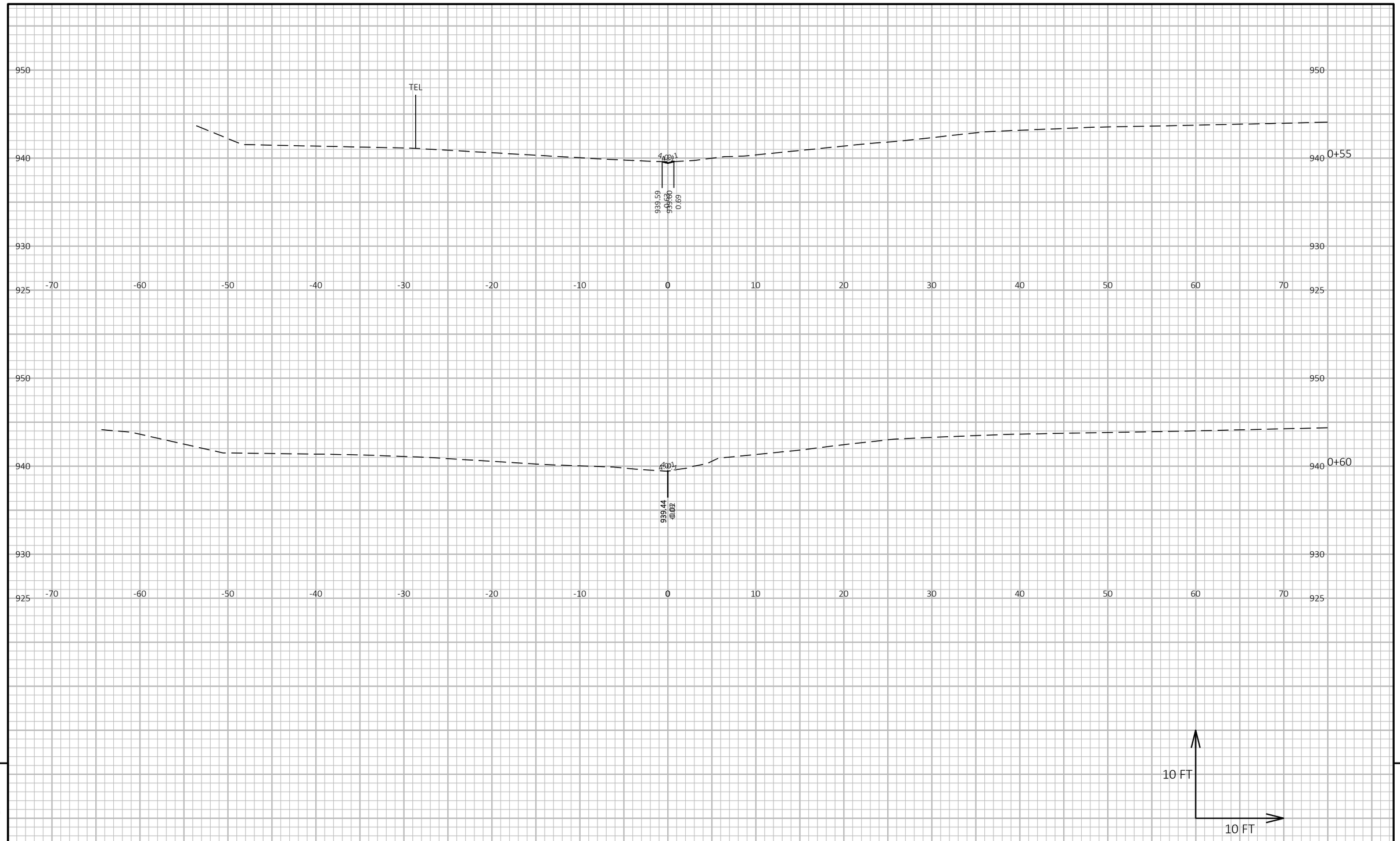
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CROSS SECTIONS: STA 1070 CULVERT LOCATION	SHEET 331	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\090202-XS.DWG
LAYOUT NAME - 05
PLOT DATE : 7/5/2024 9:06 AM
PLOT BY : ARBUCKLE, ADRIAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8610-08-73	HWY: STH 124	COUNTY: CHIPPEWA	CROSS SECTIONS: STA 1070 CULVERT LOCATION	SHEET 332	E

FILE NAME : C:\ONEDRIVE\AECOM DIRECTORY\AECOM DIRECTORY\AECOM DIRECTORY\LARSON, ZACHARY - STH 124\910_CAD\60609476\SHEETSPLAN - 73_74\090202-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 7/5/2024 9:06 AM PLOT BY : ARBUCKLE, ADRIAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov