

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 Plan
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plans
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 14



DESIGN DESIGNATION

A.A.D.T.	2023	= 75
A.A.D.T.	2043	= 75
D.H.V.		= ---
D.D.		= ---
T.		= ---
DESIGN SPEED		= 55 MPH
ESALS		= 34,700

CONVENTIONAL SYMBOLS

PLAN	PROFILE
CORPORATE LIMITS	GRADE LINE
PROPERTY LINE	ORIGINAL GROUND
LOI LINE	MARSH OR ROCK PROFILE (To be noted as such)
LIMITED HIGHWAY EASEMENT	SPECIAL DITCH
EXISTING RIGHT OF WAY	GRADE ELEVATION
PROPOSED OR NEW R/W LINE	CULVERT (Profile View)
SLOPE INTERCEPT	UTILITIES
REFERENCE LINE	ELECTRIC
EXISTING CULVERT	FIBER OPTIC
PROPOSED CULVERT (Box or Pipe)	GAS
COMBUSTIBLE FLUIDS	SANITARY SEWER
	STORM SEWER
	TELEPHONE
MARSH AREA	WATER
	UTILITY PEDESTAL
	POWER POLE
WOODED OR SHRUB AREA	TELEPHONE POLE

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

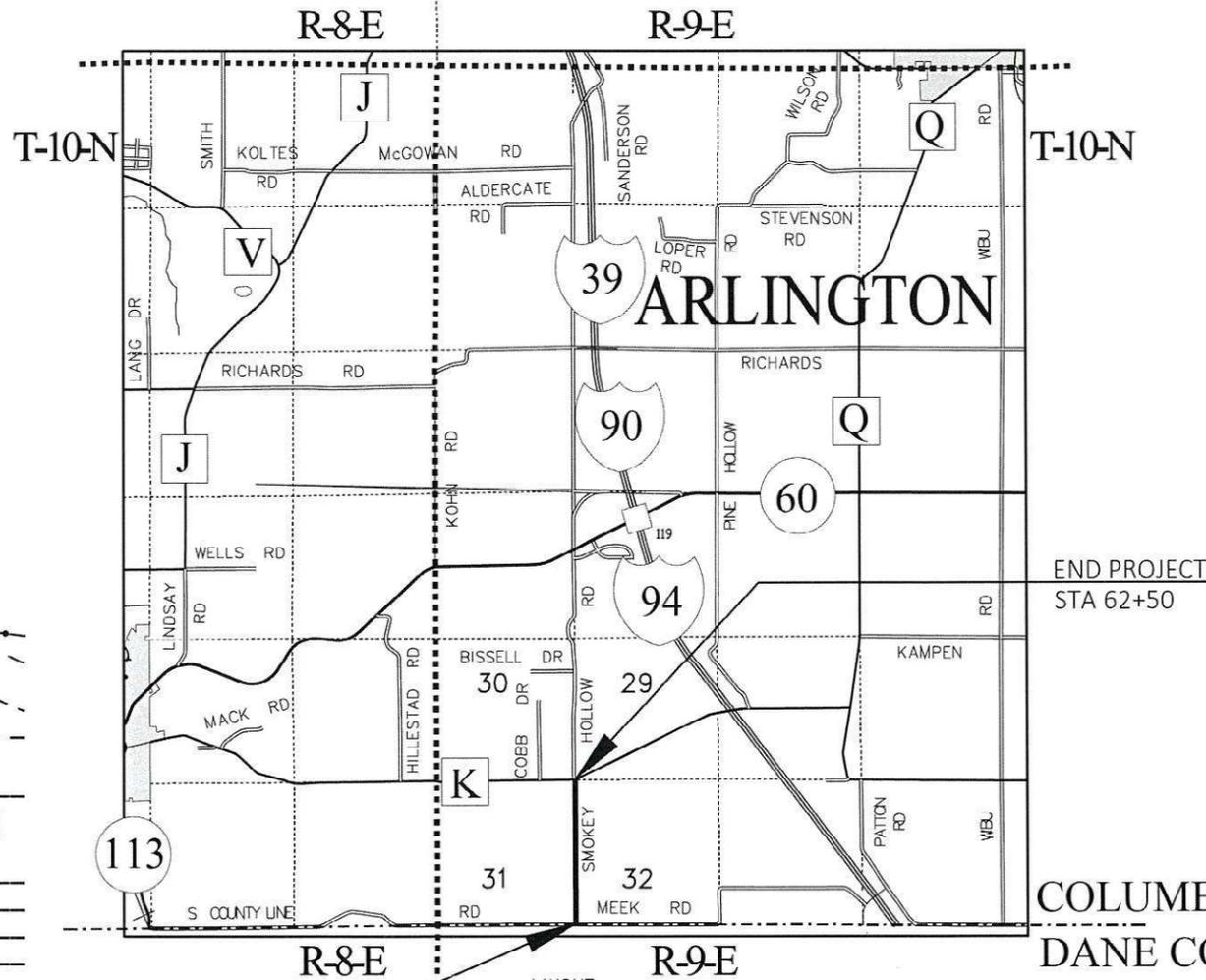
T OF ARLINGTON, SMOKEY HOLLOW RD

MEEK ROAD TO CTH K

LOC STR

COLUMBIA COUNTY

STATE PROJECT NUMBER
5652-00-71



BEGIN PROJECT STA 11+00
END PROJECT STA 62+50
TOTAL NET LENGTH OF CENTERLINE = 0.975 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), COLUMBIA COUNTY, NAD83 (2022), 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 (2022). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 2022

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5652-00-71	WISC 2023019	1

ACCEPTED FOR

TOWN OF ARLINGTON

3/22
Date
Robert J. Roth
(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY



315 DEWITT STREET
PORTAGE, WI 53901
PHONE (608) 697-5857



DATE: 3/27/22
Robert J. Roth
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	ROBERT J ROTH, P.E.
Designer	ROBERT J ROTH, P.E.
Project Manager	VALERIE GUIDER, P.E.
Regional Examiner	SW REGION
Regional Supervisor	KYLE HICMP, P.E.

APPROVED FOR THE DEPARTMENT
DATE: _____
Valerie Guider, P.E.
(Signature)

E

PROJECT ID: 5652-00-71

COUNTRY: COLUMBIA

GENERAL NOTES

NO TREES OR SHRUBS TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE DENSE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

REMOVAL OF ASPHALTIC SURFACES WHERE AN ABUTTING ASPHALTIC SURFACE IS TO REMAIN IN PLACE SHALL REQUIRE A VERTICAL MILLED BUTT JOINT MEETING THE APPROVAL OF THE ENGINEER IN THE FIELD. LOCATIONS SHOWN ON THE PLAN ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER IN THE FIELD.

HMA PAVEMENT QUANTITIES WERE CALCULATED USING 112 LB/SY/IN.

2 1/2-INCHES OF HMA PAVEMENT SHALL BE CONSTRUCTED USING A SINGLE 2 1/2-INCH LAYER OF HMA PAVEMENT 4 LT 58-28 S.

APPLY TACK COAT BETWEEN LAYERS OF HMA PAVEMENT AT A RATE OF 0.07 GAL/SY.

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

THE EXACT LOCATIONS AND LIMITS OF PRIVATE, COMMERCIAL, AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT MAY NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO "DIGGERS HOTLINE" AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), COLUMBIA COUNTY, HORIZONTAL DATUM NAD83 (2011), ELEVATION DATUM NAVD88 (2012).

SDD'S: REFERENCE TRAFFIC CONTROL

15C12-a TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

15D12-a TRAFFIC CONTROL, LANE CLOSURE

15D44 TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

CONTACTS

CONSULTANT LIAISON

ROTH PROFESSIONAL SOLUTIONS
315 DEWITT STREET
PORTAGE, WI 53901

ATTN: ROBERT J ROTH, P.E.
PH: (608) 697-58576
Robert@rpsprofessionalsolutions.com

TOWN LIAISON

TOWN OF ARLINGTON
200 COMMERCIAL ST, SUITE B
ARLINGTON, WI 53955

ATTN: NATE MOLL, CHAIRPERSON
PH: (608) 445-7813
Arlingtontownchairman@gmail.com

COUNTY LIAISON

COLUMBIA COUNTY HIGHWAY
DEPARTMENT
338 OLD HIGHWAY 16 WEST
WYOCENA, WI 53959

ATTN: CHRIS HARDY
PH: (608) 429-2136
Chris.Hardy@co.columbia.wi.us

WDNR LIAISON

DNR SOUTH CENTRAL REGION
HEADQUARTERS
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711

ATTN: ERIC HEGGELUND
PH: (608) 288-7927
Eric.Heggelund@wisconsin.gov

UTILITIES

ELECTRICITY

ALLIANT ENERGY
ATTN: RYAN SMEDEMA
ENGINEERING TECHNICIAN
2777 COLUMBIA DRIVE
PORTAGE, WI 53901
PHONE: (608) 267-3976
EMAIL: aec@alliantenergy.com

GAS

MADISON GAS & ELECTRIC
ATTN: ROGER AHLES, P.E.
SENIOR GAS ENGINEER
623 RAILROAD STREET
MADISON, WI 53701
PHONE: (608) 252-7373
EMAIL: rahles@mge.com

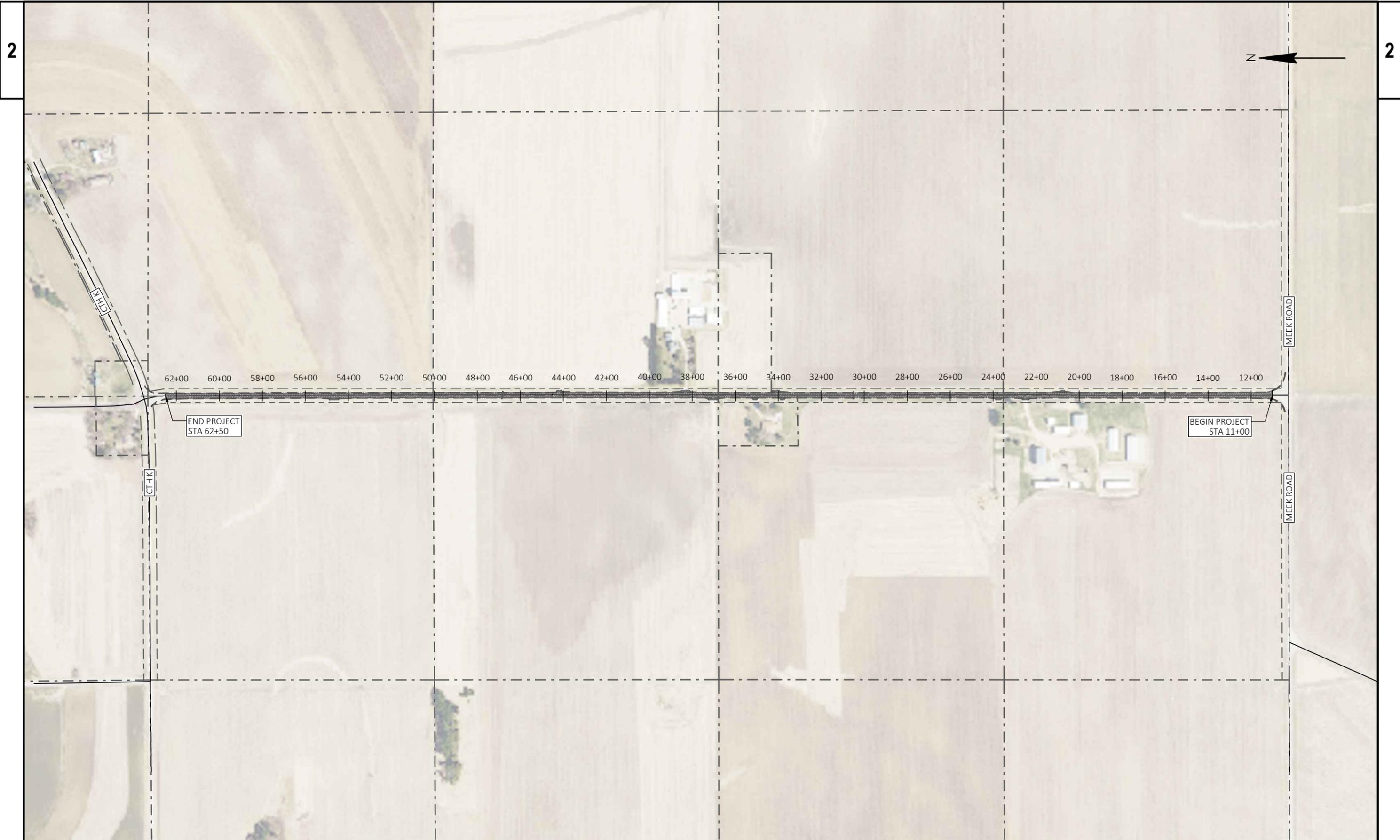
COMMUNICATION LINE

FRONTIER COMMUNICATIONS
ATTN: RYAN W. RUSSELL, P.E.
ENGINEERING MANAGER
401 MERRITT 7
NORWALK, CT 06851
PHONE: (800) 921-8101
EMAIL: russell.w.ryan@ftr.com

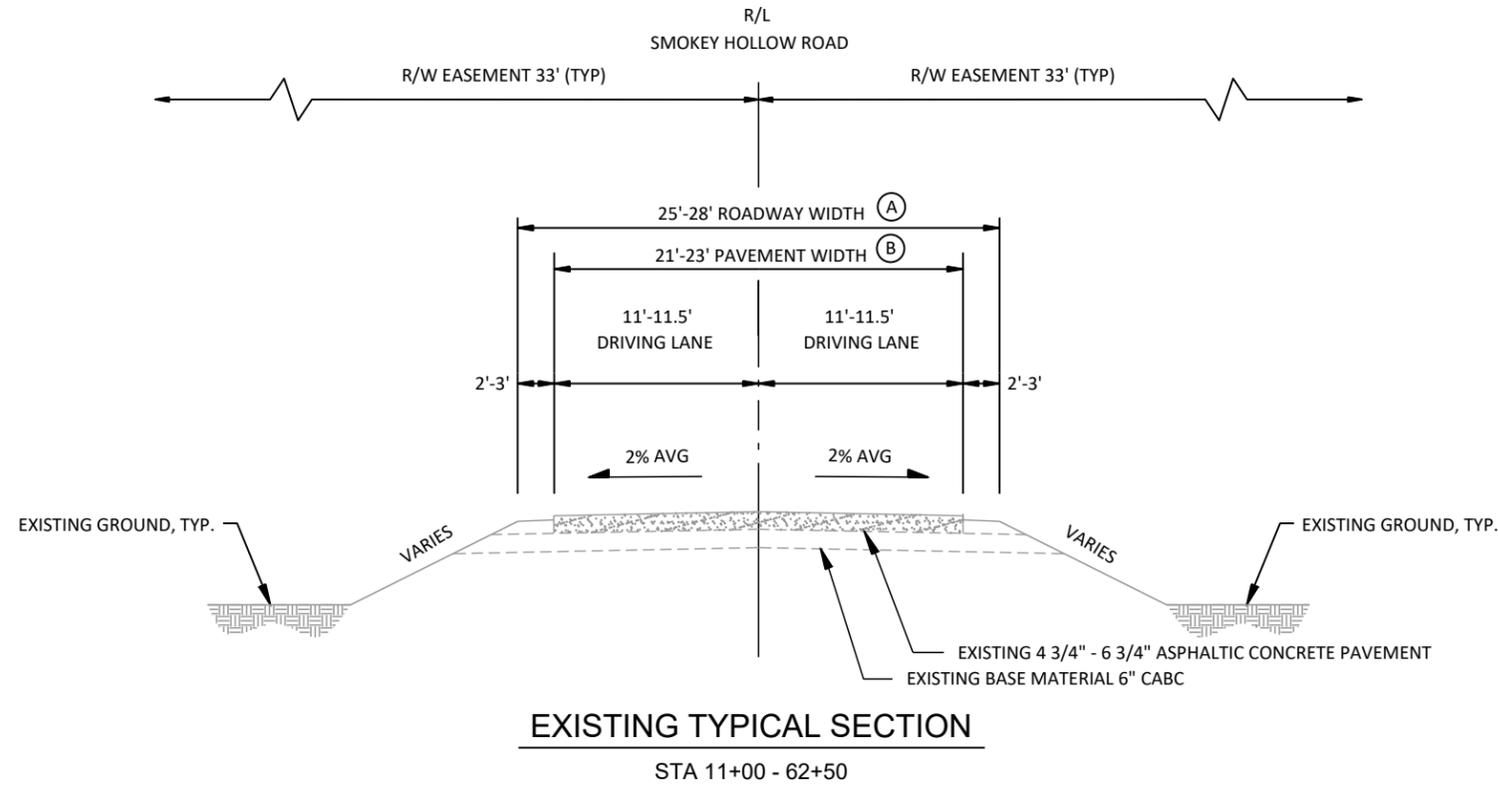


STANDARD ABBREVIATIONS

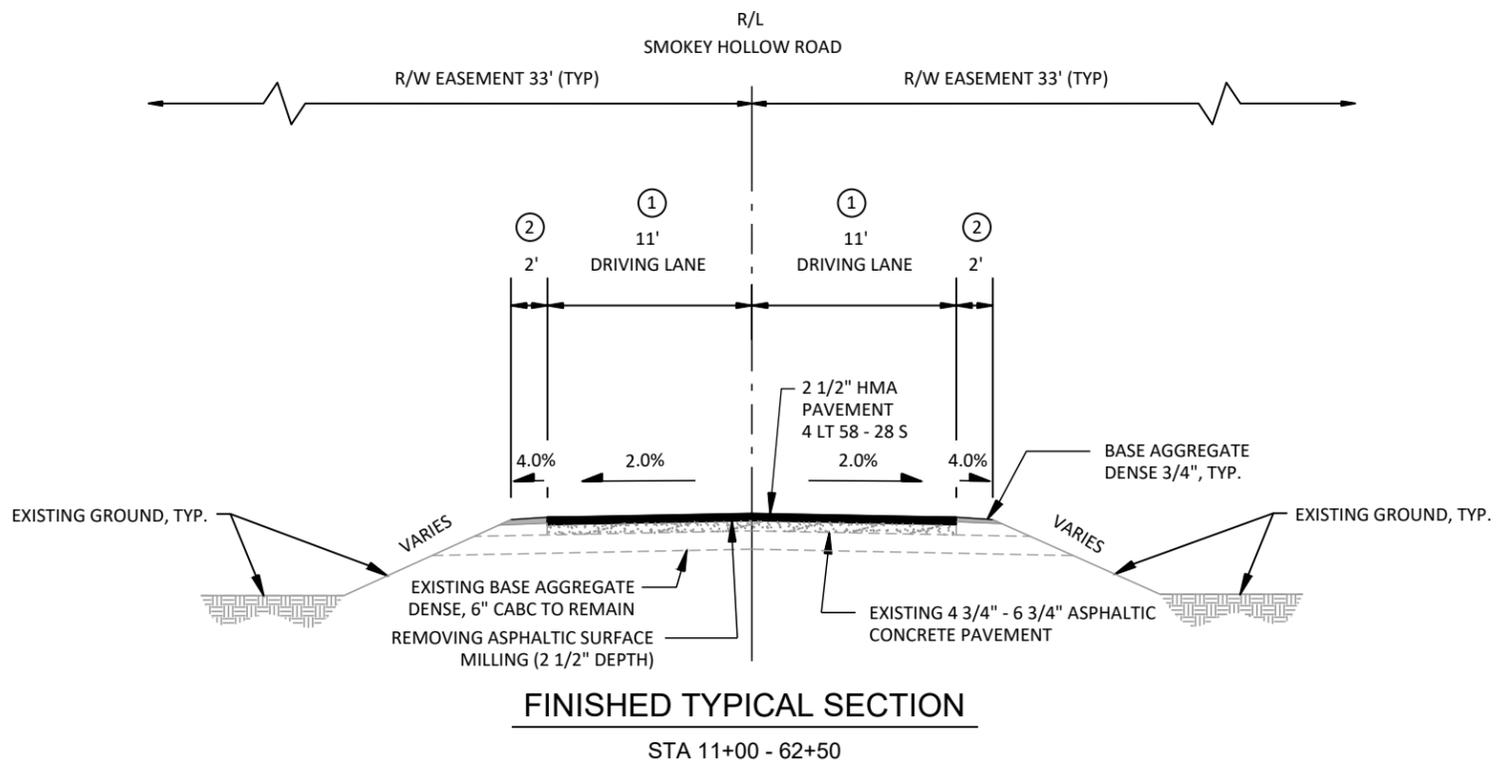
Table with 4 columns of abbreviations and their corresponding full names, including terms like ABUT., AC, AGG., AH, <, ASPH, AVG., A.D.T, BAD, BK, BF, B.M., BR., C/L, CC, CTH, CR., CY or CU YD, CP, C & G, D, DHV, DIA, E, X, ELEC, EL OR ELEV, ESALS, EBS, FF, FE, F, FG, FL or F/L, FT, FTG, GN, HT, CWT, HYD, INL, IP, JT, JCT, LHF, L, LIN FT OR LF, LC, MH, MB, ML OR M/L, N, Y, OD, PLE, PT, PC, PI, PRC, PT, POC, PVC, PCC, LB, PSI, PE, R, RR, RL OR R/L, RP, RCCP, REQD, RES, RW, RT, RHF, R/W, R, RD, RDWY, SALV, SAN S, ID, IRS, SEC, SHLDR, SHR, SW, S, SQ, SF OR SQ FT, SY or SQ YD, STD, SDD, STH, STA, SS, SG, SE, SL or S/L, SV, T, TEL, TEMP, TI, t, T or TN, TRANS, TL OR T/L, T, TYP, UNCL, UG, USH, VAR, V, VERT, VC, VOL, WM, WV, W, WB, YD, INV, Section, Shoulder, SHRINKAGE, Sidewalk, South, Square, Square Feet, Square Yard, Standard, Standard Detail Drawings, State Trunk Highway, Station, Storm Sewer, Subgrade, Superelevation, Survey Line, Septic Vent, Tangent, Telephone, Temporary, Temporary Interest, Ton, Town, Transition, Transit Line, Trucks (percent of), Typical, Unclassified, Underground Cable, United States Highway, Variable, Velocity or Design Speed, Vertical, Vertical Curve, Volume, Water Main, Water Valve, West, Westbound, Yard, Invert.



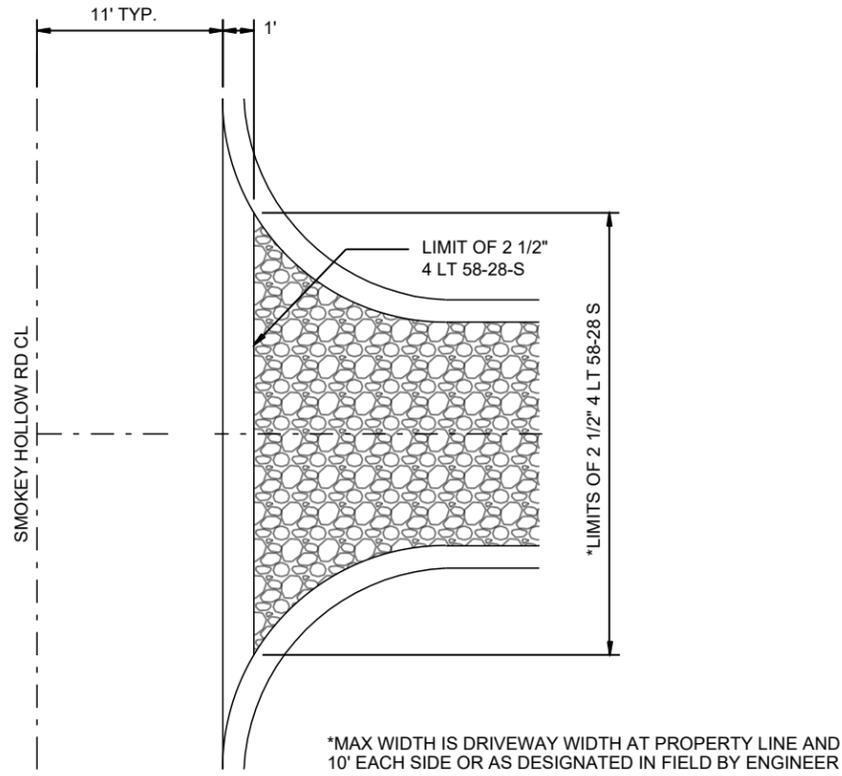
PROJECT NO: 5652-00-71	HWY: SMOKEY HOLLOW RD	COUNTY: COLUMBIA	PROJECT OVERVIEW	SHEET	E
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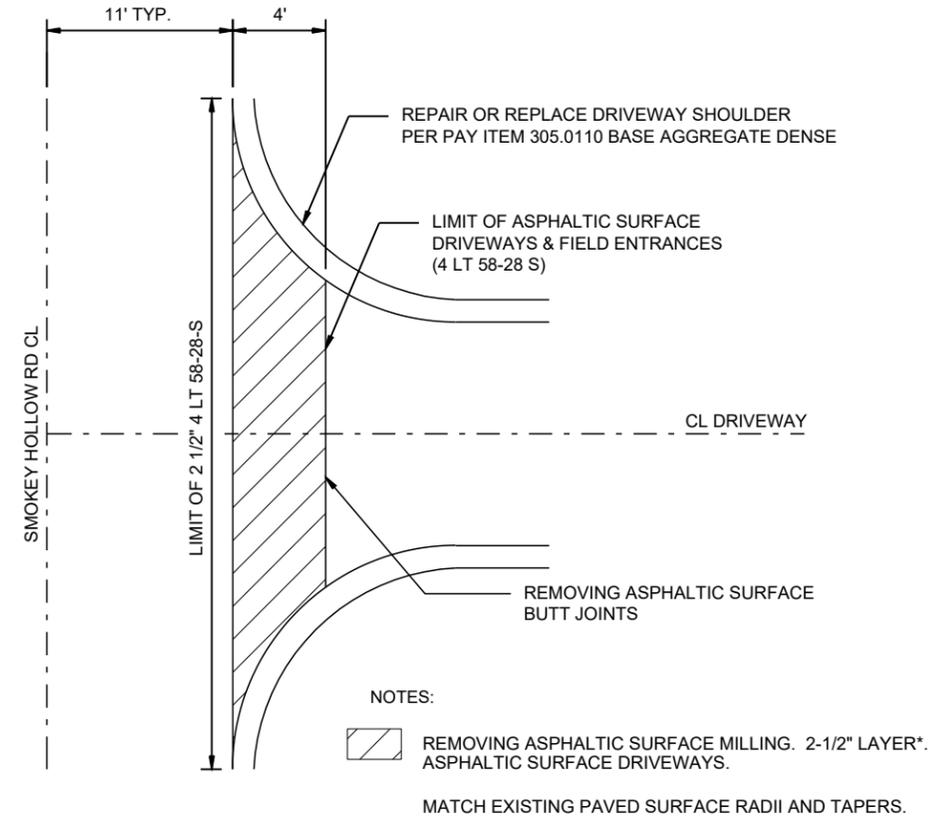
- NOTES:
EXISTING ROAD WIDTH CONDITIONS:
- (A) OVERALL ROADWAY WIDTH 26' +
STA 11+00 TO STA 25+00
STA 30+00 TO STA 45+00
STA 48+00 TO STA 62+50
 - (B) OVERALL ROADWAY WIDTH < 26'
STA 26+00 TO STA 29+00
STA 46+00 TO STA 47+00
PAVEMENT WIDTH < 22'
STA 26+00 TO STA 29+00
STA 46+00 TO STA 47+00



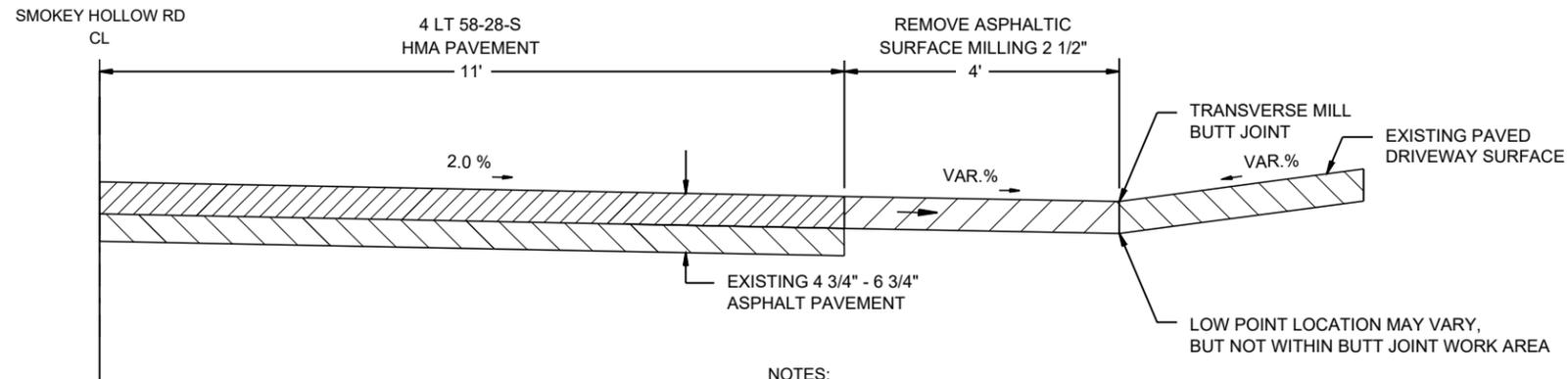
- NOTES:
- (1) PAVED DRIVE WIDTH = 11'
STA 11+00 TO STA 62+50
 - (2) AGGREGATE SHOULDER WIDTH = 2'
STA 11+00 TO STA 26+00
STA 29+00 TO STA 46+00
STA 47+00 TO STA 62+50
AGGREGATE SHOULDER WIDTH MIN 1.5'
STA 26+00 TO STA 29+00
STA 46+00 TO STA 47+00



GRAVEL DRIVEWAYS & FIELD ENTRANCES

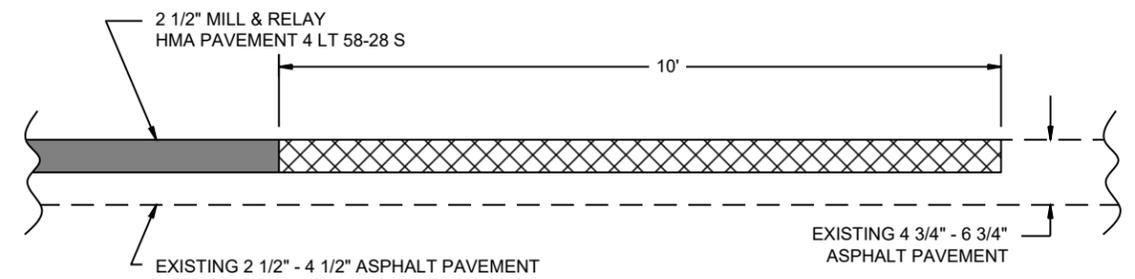


PAVED DRIVEWAYS
STA 33+79 LT, STA 35+07 LT, STA 38+27 RT



- NOTES:
- MILL AND OVERLAY 2 1/2" HMA PAVEMENT 4 LT 58-28 S (ROADWAY)
 - MILL BUTT JOINT WITH NEW 2 1/2" HMA PAVEMENT 4 LT 58-28 S (DRIVEWAY TRANSITION)
 - EXISTING 2 1/2" - 4 1/2" PAVEMENT SUBSURFACE (TO REMAIN)

PAVED DRIVEWAY SECTION



- NOTES:
- REMOVING ASPHALT SURFACE BUTT JOINTS, STA 11+00 & STA 62+50

TRANSVERSE BUTT JOINT

Estimate Of Quantities

5652-00-71

Line	Item	Item Description	Unit	Total	Qty
0002	204.0115	Removing Asphaltic Surface Butt Joints	SY	108.500	108.500
0004	204.0120	Removing Asphaltic Surface Milling	SY	12,686.000	12,686.000
0006	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 5652-00-71	EACH	1.000	1.000
0008	213.0100	Finishing Roadway (project) 01. 5652-00-71	EACH	1.000	1.000
0010	305.0110	Base Aggregate Dense 3/4-Inch	TON	642.000	642.000
0012	455.0605	Tack Coat	GAL	881.000	881.000
0014	460.2000	Incentive Density HMA Pavement	DOL	1,120.000	1,120.000
0016	460.5224	HMA Pavement 4 LT 58-28 S	TON	1,762.000	1,762.000
0018	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	6.400	6.400
0020	618.0100	Maintenance And Repair of Haul Roads (project) 01. 5652-00-71	EACH	1.000	1.000
0022	619.1000	Mobilization	EACH	1.000	1.000
0024	624.0100	Water	MGAL	7.000	7.000
0026	642.5001	Field Office Type B	EACH	1.000	1.000
0028	643.0300	Traffic Control Drums	DAY	452.000	452.000
0030	643.0900	Traffic Control Signs	DAY	32.000	32.000
0032	643.5000	Traffic Control	EACH	1.000	1.000
0034	650.8000	Construction Staking Resurfacing Reference	LF	5,150.000	5,150.000
0036	650.9911	Construction Staking Supplemental Control (project) 01. 5652-00-71	EACH	1.000	1.000
0038	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	200.000	200.000
0040	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	200.000	200.000
0042	SPV.0060	Special 01. Landmark Reference Monuments 5652-00-71	EACH	1.000	1.000

REMOVING ASPHALT SURFACE BUTT JOINTS

204.0115

REMOVING ASPHALT SURFACE BUTT JOINTS

STATION	LOCATION	SY
11+00	TRANSVERSE	31.1
33+79	DRIVEWAY	31.1
35+07	DRIVEWAY	11.4
38+27	DRIVEWAY	12.2
62+50	TRANSVERSE	22.7
TOTAL		108.5

REMOVING ASPHALTIC SURFACE MILLING

204.0120

REMOVING ASPHALTIC SURFACE MILLING

STATION	TO	STATION	LOCATION	SY
11+00	-	62+50	MAINLINE	12686
TOTAL				12686

BASE AGGREGATE ITEMS

305.0110

624.0100

BASE AGGREGATE

DENSE 3/4-INCH WATER

STATION	TO	STATION	LOCATION	TON	MGAL
11+00	-	62+50	MAINLINE	613	7
			UNPAVED DRIVEWAYS	29	-
TOTAL				642	7

TRAFFIC CONTROL

643.0300

643.0900

643.5000

TRAFFIC CONTROL

TRAFFIC CONTROL

TRAFFIC CONTROL

LOCATION	DRUMS DAY	SIGNS DAY	EACH
ADVANCED WARNING/TAPER	10	--	-
WORKAREA	103	8	-
DAYS	4	4	1
TOTAL	452	32	1

PLACE TRAFFIC CONTROL IN ACCORDANCE WITH STANDARD DETAILS

ASPHALTIC SURFACE ITEMS

460.5224

455.0605

HMA PAVEMENT

TACK COAT

4 LT 58-28-S

STATION	TO	STATION	LOCATION	GAL	TN
11+00	-	62+50	MAINLINE	881	1762
TOTAL				881	1762

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

465.0120

STATION	LOCATION	TON
33+79	DRIVEWAY, LT	1.6
35+07	DRIVEWAY, LT	1.7
38+27	DRIVEWAY, RT	3.1
TOTAL		6.4

CONSTRUCTION STAKING

650.8000

650.9911

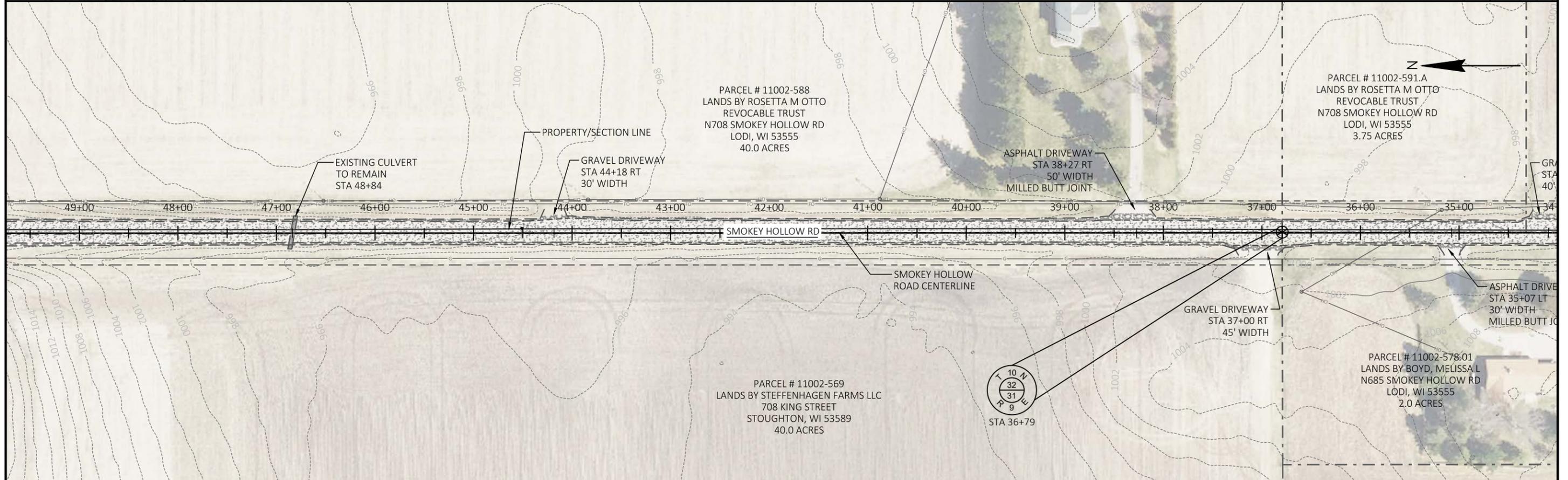
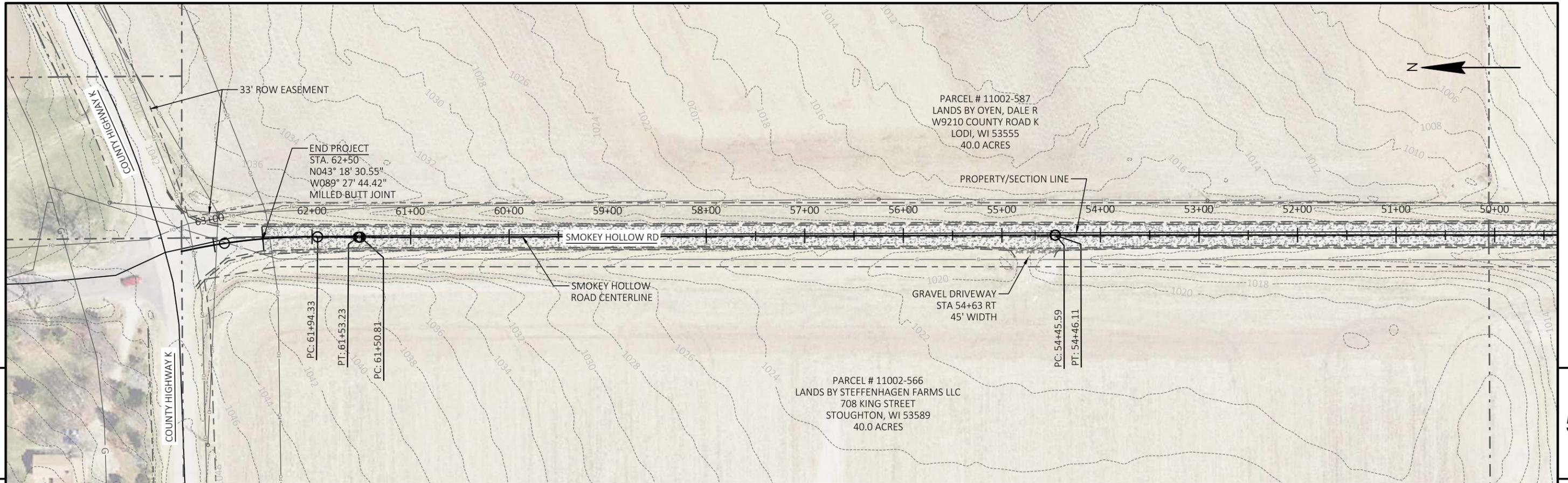
642.5001

CONSTRUCTION STAKING RESURFACING REFERENCE

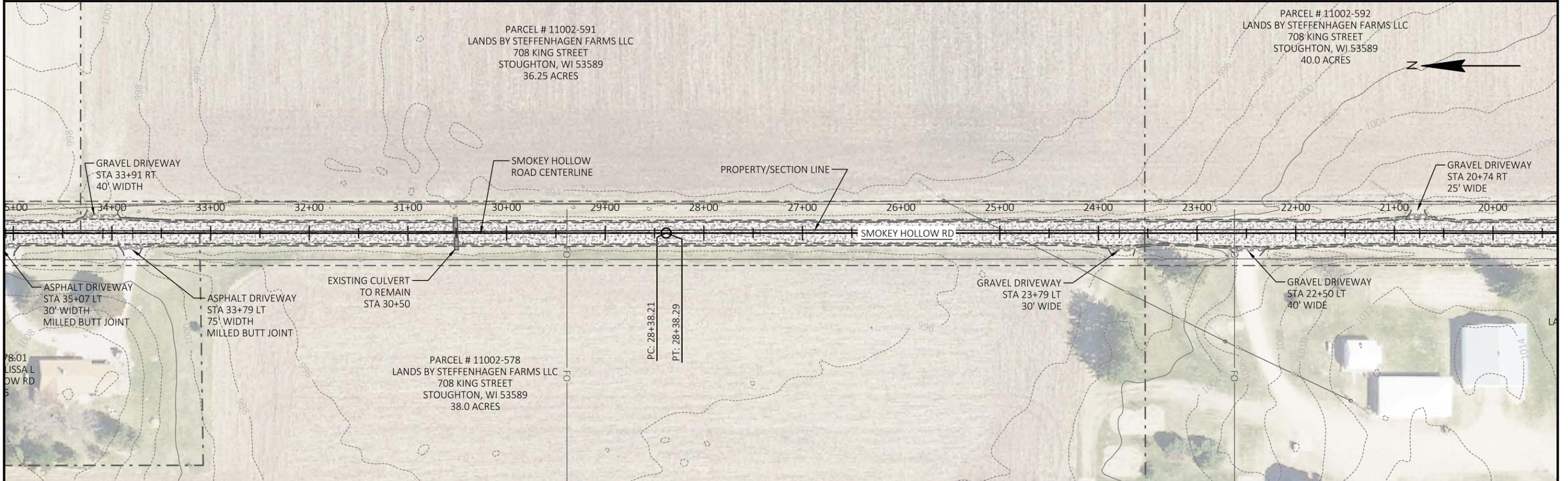
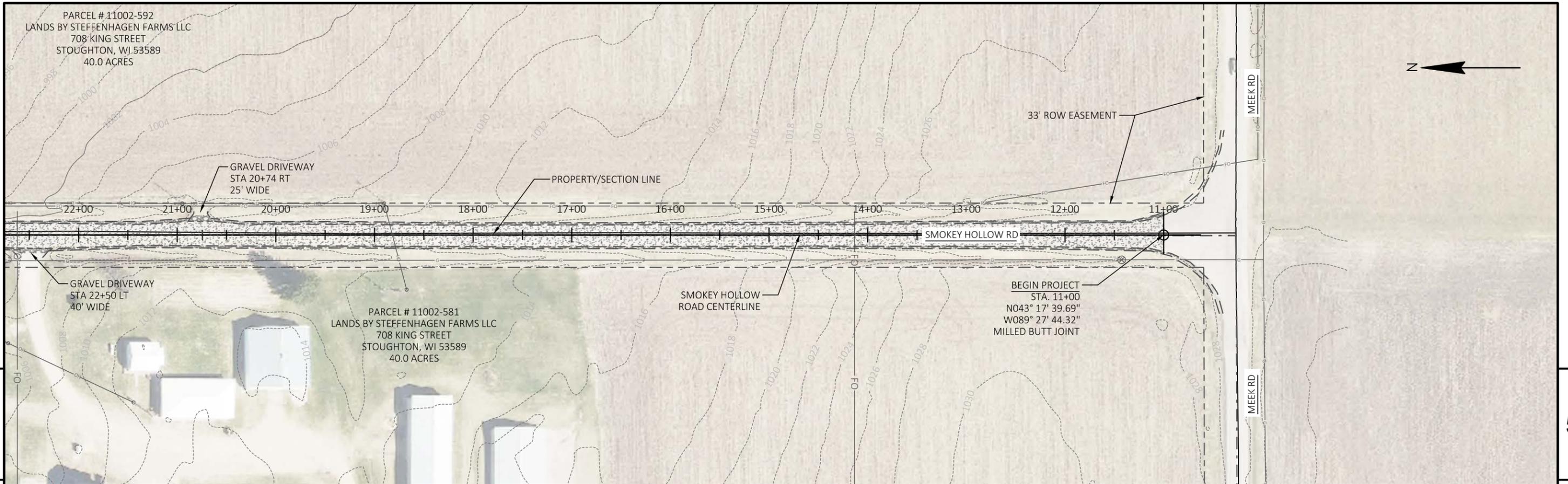
CONSTRUCTION STAKING SUPPLEMENTAL CONTROL

FIELD OFFICE TYPE B

STATION	TO	STATION	LOCATION	LF	EACH	LS
11+00	-	62+50	MAINLINE	5150	1	1
TOTAL				5150	1	1



PROJECT NO: 5652-00-71	HWY: SMOKEY HOLLOW RD	COUNTY: COLUMBIA	PLAN	SHEET	E
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PROJECT NO: 5652-00-71	HWY: SMOKEY HOLLOW RD	COUNTY: COLUMBIA	PLAN	SHEET	E
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Standard Detail Drawing List

15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15D12-10A	TRAFFIC CONTROL, LANE CLOSURE
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

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.

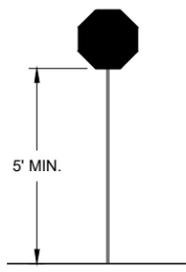
- ③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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

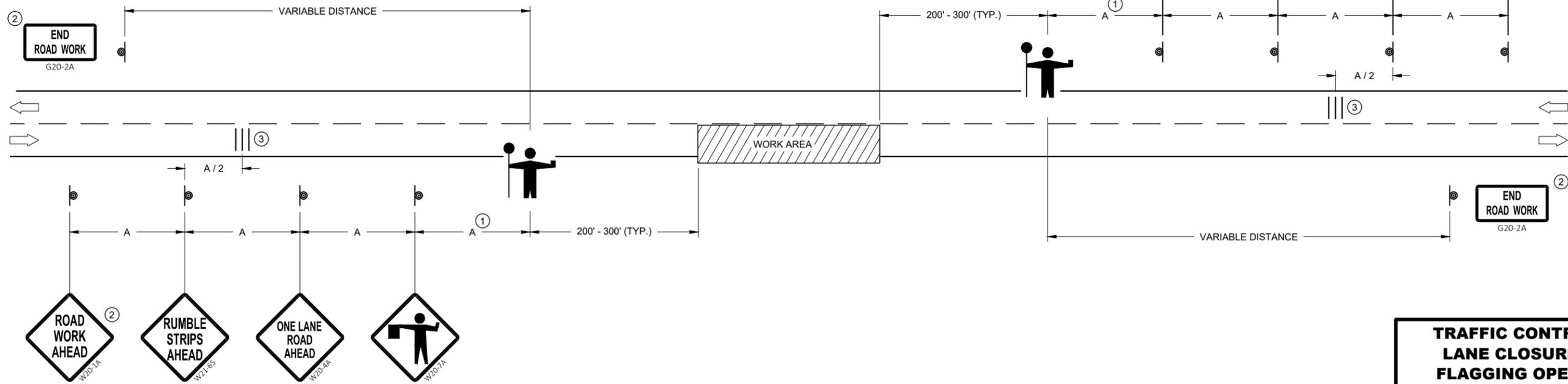
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



W03-4

USE OF W03-4 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
DATE: May 2022 /S/ Andrew Heidtke
WORK ZONE ENGINEER

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS

NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

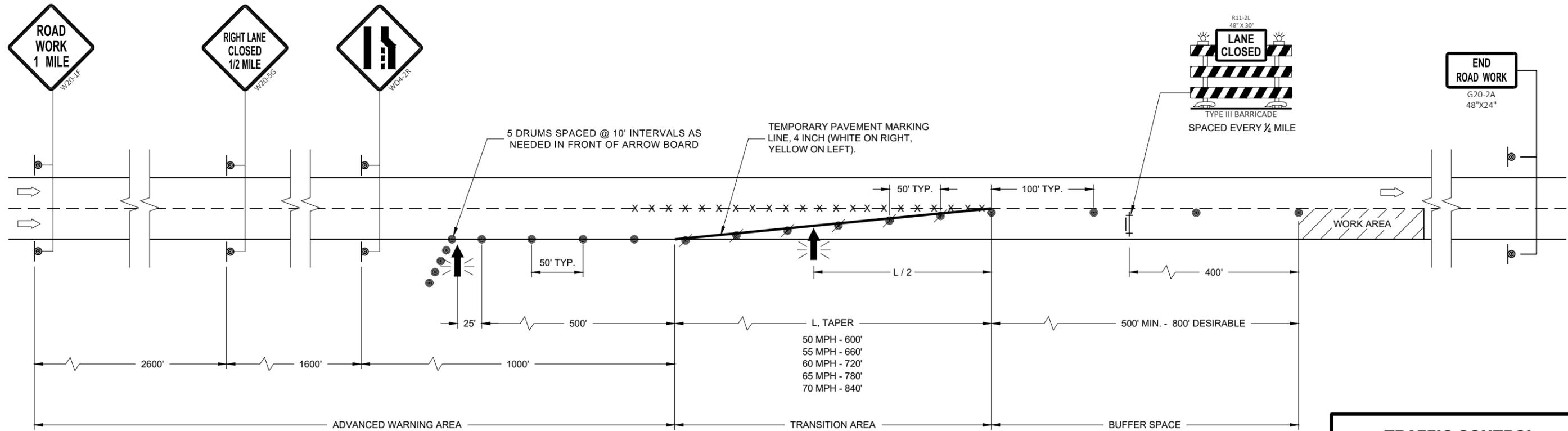
CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  TRAFFIC CONTROL DRUM
-  TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
-  TYPE III BARRICADE WITH ATTACHED SIGN
-  TYPE "A" WARNING LIGHT (FLASHING)
-  -X-X-X- REMOVING PAVEMENT MARKINGS
-   DIRECTION OF TRAFFIC
-  WORK AREA
-   FLASHING ARROW BOARD

6

SDD 15D12 - 10a



6

SDD 15D12 - 10a

TRAFFIC CONTROL LANE CLOSURE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED February 2022 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEER
<small>FHWA</small>	

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.

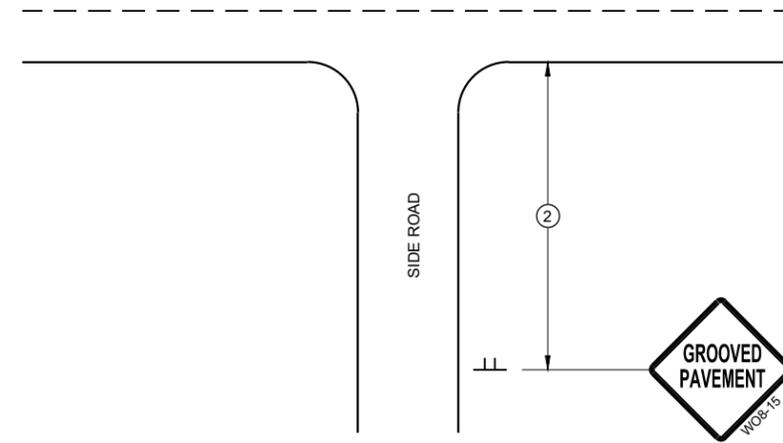
ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

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.

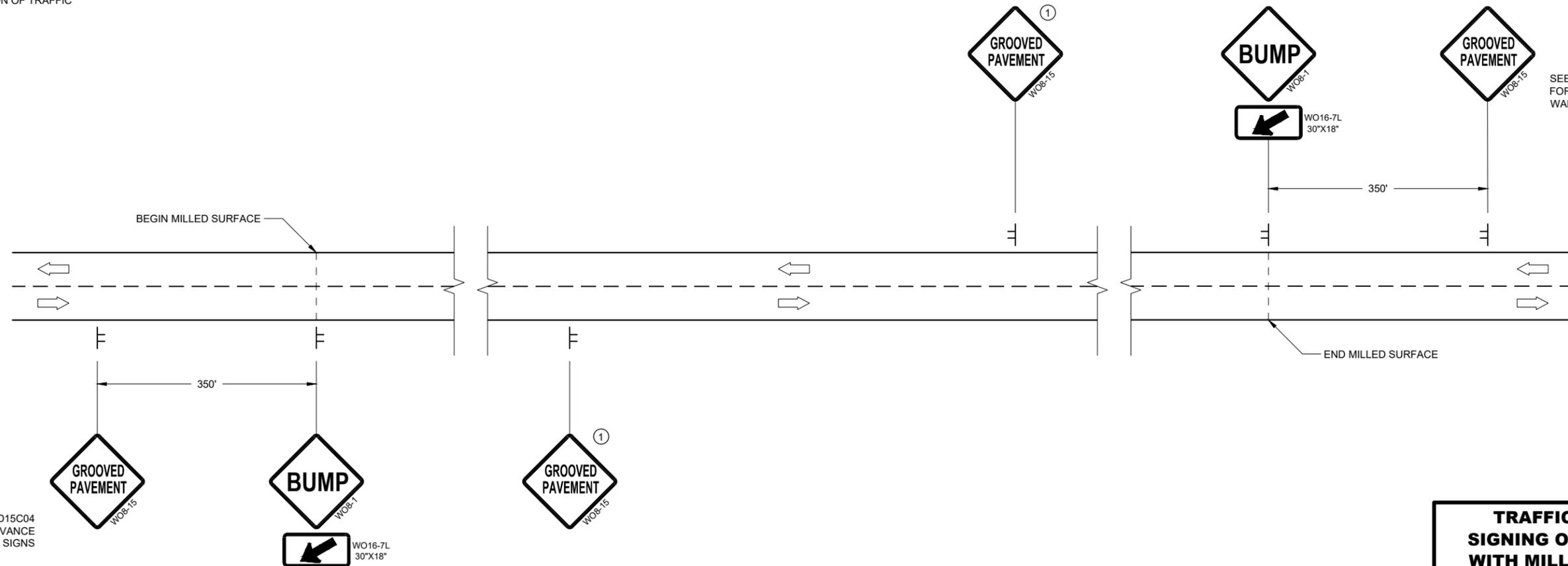
- ① PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.
- ② PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

LEGEND

-  SIGN ON TEMPORARY SUPPORT
-  DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



SEE SDD15C04 FOR ADVANCE WARNING SIGNS

SEE SDD15C04 FOR ADVANCE WARNING SIGNS

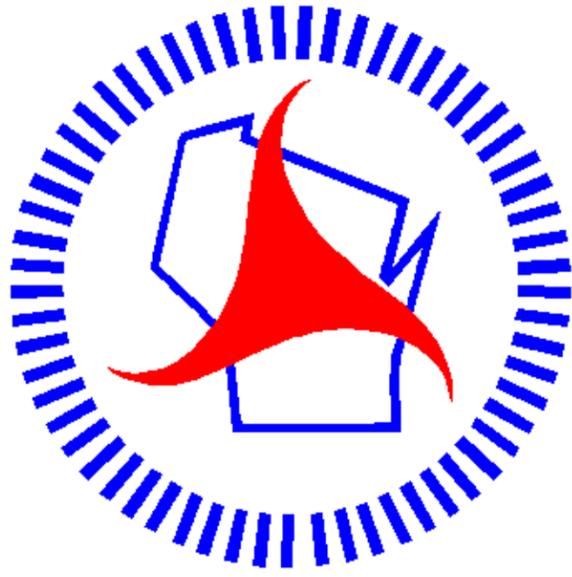
DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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