MAD

PROJECT ID: 6994-00-72

WITH: N/A

COUNTY: COLUMBIA

JULY 2026

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control Plan)
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 = 388

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

V CAMBRIA - STH 73 (CTH P)

KIKKERT COURT TO STH 73

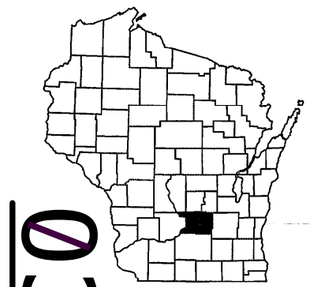
CTH P

COLUMBIA COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6994-00-72	WISC 2026271	1

STATE PROJECT NUMBER

6994-00-72

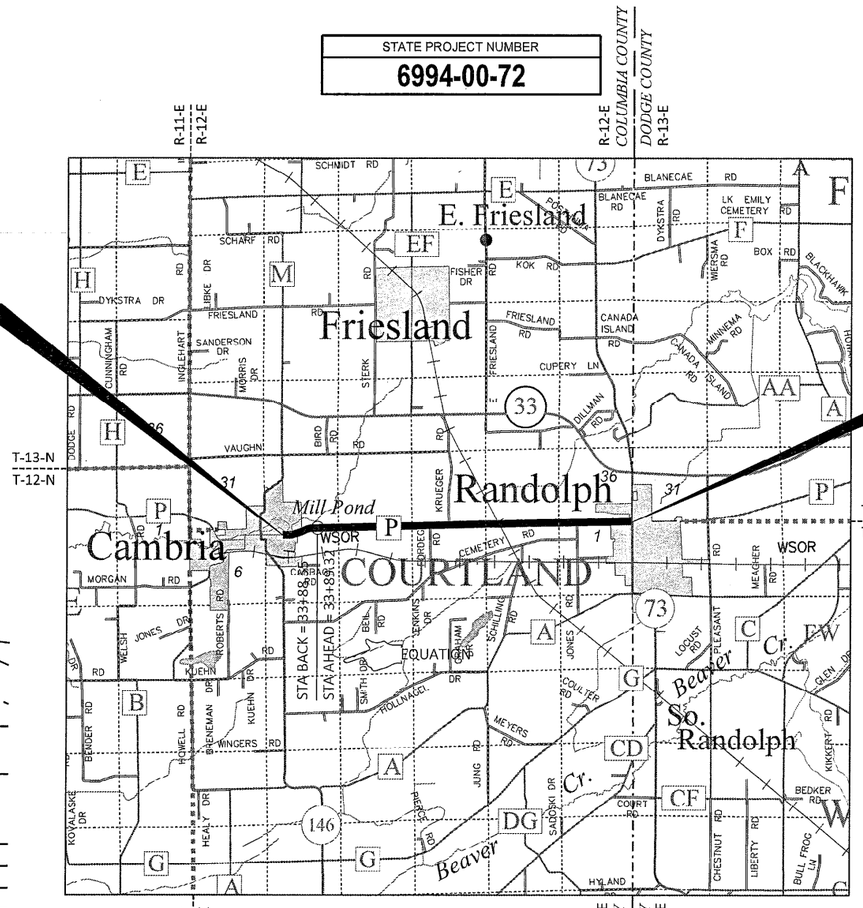


BEGIN PROJECT

STA. 22+50.00

Y=395,718.40

X=633,565.51



END PROJECT

STA. 264+57.85

Y=396,573.56

X=657,701.19

TOTAL NET LENGTH OF CENTERLINE = 4.585 MI

DESIGN DESIGNATION 6994-00-02

A.A.D.T.	(2026)	=	1,800
A.A.D.T.	(2046)	=	2,600
D.H.V.	(2046)	=	190
D.D.		=	0.50
T.		=	10%
DESIGN SPEED		=	55 MPH
ESALS		=	510,000

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	95.56
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
		TELEPHONE	T
MARSH AREA		WATER	W
		UTILITY PEDESTAL	
		POWER POLE	
WOODED OR SHRUB AREA		TELEPHONE POLE	

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, COLUMBIA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCE MAY BE USED AS GROUND DISTANCES.

ELEVATION SHOWN ON THIS PLAN ARE REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88 (2012).

ACCEPTED FOR

COUNTY OF COLUMBIA

Date 10/24/25 _____ Commissioner

(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY

JEWELL associates engineers, inc.

Engineers - Architects - Surveyors

WISCONSIN PROFESSIONAL ENGINEER

MIKE P. BAKALARS

E-31538

MADISON, WI

DATE: 10/24/2025 _____

(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JEWELL ASSOCIATES ENGINEERS, INC.
Designer	JEWELL ASSOCIATES ENGINEERS, INC.
Project Manager	DELLA KOENIG, P.E.
Regional Examiner	SW REGION
Regional Supervisor	KYLE HEMP, P.E.

APPROVED FOR THE DEPARTMENT

DATE: _____ Digitally signed by Della Koenig, P.E. Date: 2025.11.24 13:25:56-06'00'

(Signature)

E

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED FOR REMOVAL BY THE ENGINEER IN THE FIELD.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS COMMON EXCAVATION. EXACT LOCATIONS OF EBS WILL BE DETERMINED BY THE ENGINEER.

DISTURBED AREAS SHOWN WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS ARE TO BE FERTILIZED (TYPE B), SEEDED (USE SEEDING MIXTURE NO. 30), AND MULCHED AS DIRECTED BY THE ENGINEER.

SILT FENCE, TEMPORARY DITCH CHECKS, AND CULVERT PIPE CHECKS SHALL BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER IN THE FIELD. SILT FENCE SHALL BE PLACED PRIOR TO CONSTRUCTION AND IN PLACE PRIOR TO TOPSOIL REMOVAL.

MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY. PROTECT WETLANDS AND OTHER WATERWAYS THAT ARE PRESENT WITHIN THE PROJECT LIMITS.

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 SAWCUT MEETING THE APPROVAL OF THE ENGINEER IN THE FIELD.

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

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

TACK COAT QUANTITIES WERE CALCULATED USING A 0.060 GAL/SY APPLICATION RATE.

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 LOW SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION WHEN THE SUPERELEVATION IS GREATER THAN 0.04 FT./FT. IF THE SUPERELEVATION IS LESS THAN OR EQUALS 0.04 FT./FT. THE HIGH SIDE SHOULDER SLOPE ON THE SUPERELEVATED SECTION EQUALS THE SUPERELEVATION.

CURVE DATA IS BASED ON THE ARC DEFINITION.

ALL RADII DIMENSIONS ARE MEASURED TO EDGE OF ASPHALT.

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 CONTRACTOR SHALL COORDINATE HIS 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.

THE LOCATION OF ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD PRIOR TO PLACEMENT.

WETLANDS ARE PRESENT IN THE PROJECT LIMITS. THE CONTRACTOR SHALL NOT OPERATE EQUIPMENT BEYOND THE SLOPE INTERCEPTS IN THESE AREAS.

CONTACTS

WISDOT PROJECT MANAGER

STATE OF WISCONSIN
SOUTHWEST REGION OFFICE
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
ATTN: DELLA KOENIG
PH: (608) 246-7963
E-MAIL: DELLA.KOENIG@DOT.WI.GOV

WDNR LIAISON:

STATE OF WISCONSIN
WDNR SOUTHWEST REGION SERVICE CENTER
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
ATTN: ANDY BARTA
PH: (608) 275-3308
E-MAIL: ANDREW.BARTA@WISCONSIN.GOV

DESIGN CONSULTANT:

JEWELL ASSOCIATES ENGINEERS, INC.
1001 FOURIER DRIVE, #104
MADISON, WI 53717
ATTN: MIKE BAKALARS, P.E.
PH: (608) 690-6060
CELL: (608) 212-8931
E-MAIL: MIKE.BAKALARS@JEWELLASSOC.COM

RAILROAD REPRESENTATIVE:

UNION PACIFIC RAILROAD
1400 DOUGLAS, MS 0910
OMAHA, NE 68179
ATTN: CHRIS KECKEISEN &
LARS LEMKUIL
PH: (402) 544-5131
(715) 410-5927
E-MAIL: ctkeckei@up.com
llemkuil@olsson.com

UTILITIES

COMMUNICATION LINES

BRIGHTSPEED
224 INDUSTRIAL DR
NORTH PRAIRIE, WI 53153
ATTN: JAMES WINTER
PH: (980) 376-1558
E-MAIL: james.winter@brightspeed.com

CHARTER COMMUNICATIONS
N3760 COUNTY RD DJ
JUNEAU, WI 53039
ATTN: TYLER CARTER
PH: (262) 777-1818
E-MAIL: tyler.carter@charter.com

WATER & SANITARY SEWER

VILLAGE OF RANDOLPH
248 W STROUD ST
RANDOLPH, WI 53956
ATTN: JODI WADE, VILLAGE CLERK
PH: (920) 326-4600
E-MAIL: clerk.treasure@vi.randolph.wi.gov

ELECTRICITY

ALLIANT ENERGY
833 W SCOTT STREET
FOND DU LAC, WI 54937
ATTN: MATT SCHMITZ
PH: (920) 539-7183
E-MAIL: mattschmitz@alliantenergy.com

ATC MANAGEMENT, INC.
2489 RINDEN ROAD
COTTAGE GROVE, WI 53527
ATTN: DOUG VOSBERG
PH: (608) 877-7650
E-MAIL: dvosberg@atcllc.com

GAS

ALLIANT ENERGY HIGH PRESSURE NORTH
833 W SCOTT STREET
FOND DU LAC, WI 54937
ATTN: MATT SCHMITZ
PH: (920) 539-7183
E-MAIL: mattschmitz@alliantenergy.com

LIST OF STANDARD ABBREVIATIONS

ABUT	Abutment	INV	Invert	RDWY	Roadway
AC	Acre	IP	Iron Pipe or Pin	SALV	Salvaged
AGG	Aggregate	IRS	Iron Rod Set	SAN S	Sanitary Sewer
AH	Ahead	JT	Joint	SEC	Section
<	Angle	JCT	Junction	SHLDR	Shoulder
ASPH	Asphaltic	LHF	Left-Hand Forward	SHR	Shrinkage
AVG	Average	L	Length of Curve	SW	Sidewalk
ADT	Average Daily Traffic	LIN FT or LF	Linear Foot	S	South
BAD	Base Aggregate Dense	LC	Long Chord of Curve	SQ	Square
BK	Back	MH	Manhole	SF or SQ FT	Square Feet
BF	Back Face	MB	Mailbox	SY or SQ YD	Square Yard
BM	Bench Mark	ML or M/L	Match Line	STD	Standard
BR	Bridge	N	North	SDD	Standard Detail Drawings
C or C/L	Center Line	Y	North Grid Coordinate	STH	State Trunk Highways
CC	Center to Center	OD	Outside Diameter	STA	Station
C.E.	Commercial Entrance	PLE	Permanent Limited Easement	SS	Storm Sewer
CTH	County Trunk Highway	PT	Point	SG	Subgrade
CR	Creek	PC	Point of Curvature	SE	Superelevation
CR	Crushed	PI	Point of Intersection	SL or S/L	Survey Line
CY or CU YD	Cubic Yard	PRC	Point of Reverse Curvature	SV	Septic Vent
CP	Culvert Pipe	PT	Point of Tangency	T	Tangent
C.P.C.S.	Culvert Pipe Corrugated Steel	POC	Point On Curve	TEL	Telephone
C & G	Curb and Gutter	POT	Point on Tangent	TEMP	Temporary
D	Degree of Curve	PVC	Polyvinyl Chloride	TI	Temporary Interest
DHV	Design Hour Volume	PCC	Portland Cement Concrete	TLE	Temporary Limited Easement
DIA	Diameter	LB	Pound	t	Ton
E	East	PSI	Pounds Per Square Inch	T or TN	Town
X	East Grid Coordinate	P.E.	Private Entrance	TRANS	Transition
ELEC	Electric (al)	R	Radius	TL or T/L	Transit Line
EL or ELEV	Elevation	RR	Railroad	T	Trucks (percent of)
ESALS	Equivalent Single Axle Loads	R	Range	TYP	Typical
EBS	Excavation Below Subgrade	RL or R/L	Reference Line	UNCL	Unclassified
FF	Face to Face	RP	Reference Point	UG	Underground Cable
F.E.	Field Entrance	RCCP	Reinforced Concrete Culvert Pipe	USH	United States Highway
F	Fill	REQD	Required	VAR	Variable
FG	Finished Grade	RES	Residence or Residential	V	Velocity or Design Speed
FL or F/L	Flow Line	RW	Retaining Wall	VERT	Vertical
FT	Foot	RT	Right	VC	Vertical Curve
FTG	Footing	RHF	Right-Hand Forward	VOL	Volume
GN	Grid North	R/W	Right-of-Way	WM	Water Main
HT	Height	RD	Road	WV	Water Valve
CWT	Hundredweight	R	River	W	West
HYD	Hydrant			WB	Westbound
INL	Inlet			YD	Yard
ID	Inside Diameter				

2

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

ORDER OF DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PAVING DETAILS
EROSION CONTROL
STORM SEWER
PERMANENT SIGNING/PAVEMENT MARKING
TRAFFIC CONTROL
ALIGNMENT DETAILS

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 = 55.48 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 43.05 ACRES

2

2

N

VILLAGE OF CAMBRIA

KIKKERT COURT

CTH P RL

KRUEGER ROAD

FORDEG ROAD

BEGIN PROJECT
STA 22+50

WISCONSIN AND SOUTHERN RAILROAD

20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170

N

RANDOLPH CEMETERY

ANNUNCIATION CEMETERY

VILLAGE OF RANDOLPH

CTH P RL

160 170 180 190 200 210 220 230 240 250 260 264

CTH P (CAMBRIA STREET)

JONES ROAD

SECOND STREET

FIRST STREET

STH 73 (HIGH STREET)

END CONSTRUCTION
STA 168+11.12

BEGIN CONSTRUCTION
STA 168+22.47

UNION PACIFIC RAILROAD COMPANY

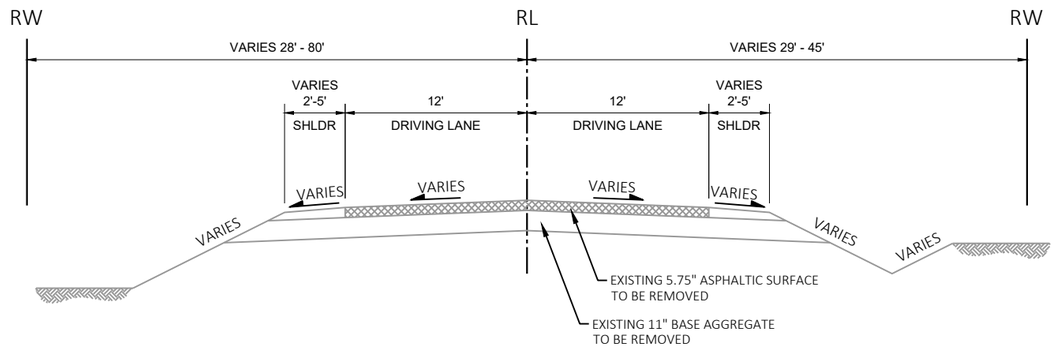
CEMETERY ROAD

END PROJECT
STA 264+58

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PROJECT OVERVIEW	SHEET 3	E

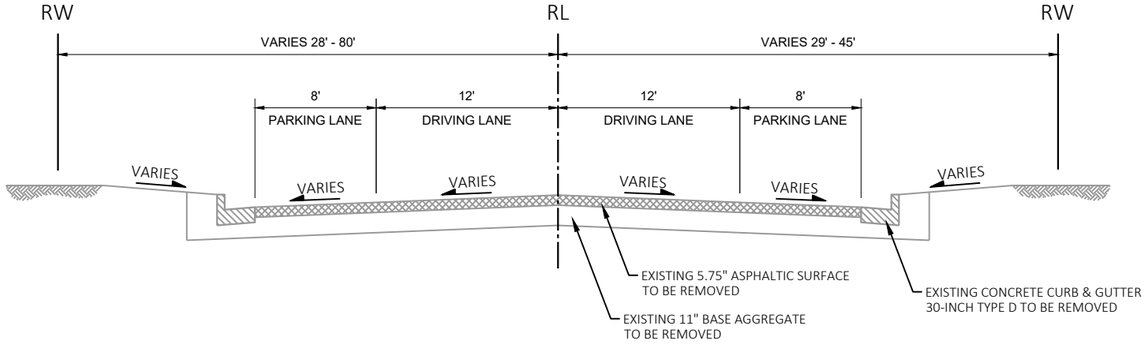
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_PROJECT OVERVIEW.DWG PLOT DATE : 4/22/2026 12:47:22 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1'IN:1000 FT LAYOUT : 01

2



EXISTING TYPICAL SECTION

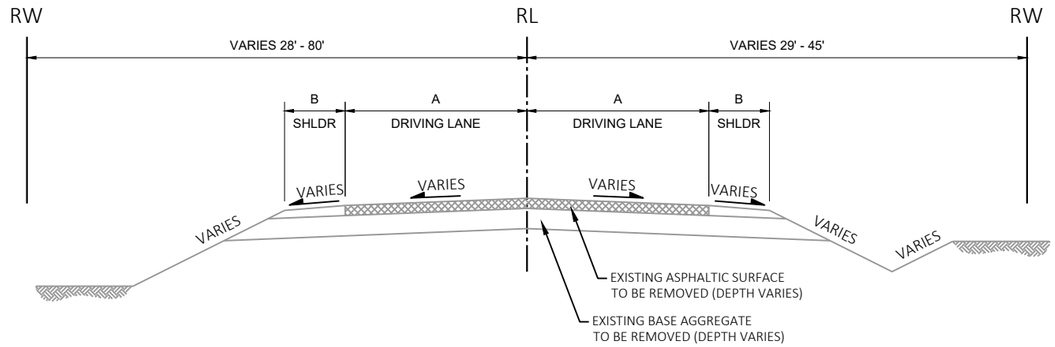
CTH P
STA 22+50 - STA 263+05



EXISTING TYPICAL SECTION

CTH P
STA 263+05 - STA 264+58

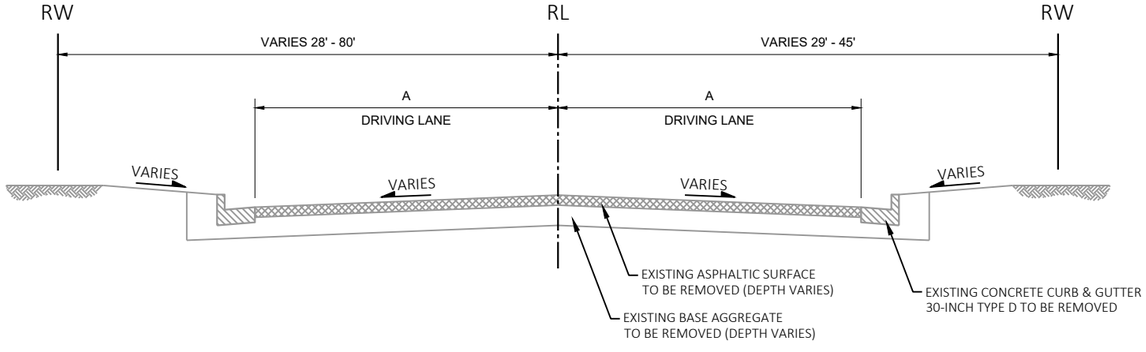
2



EXISTING TYPICAL SECTION

FORDEG RD
KRUEGER RD
JONES RD
SECOND ST

ROAD NAME	A	B
FORDEG RD ('B' LINE)	10'	2'
KRUEGER RD ('C' LINE)	11'	2'
JONES RD ('D' LINE)	11'	2'
SECOND ST ('E' LINE)	13'	2'



EXISTING TYPICAL SECTION

FIRST ST SOUTH
FIRST ST NORTH

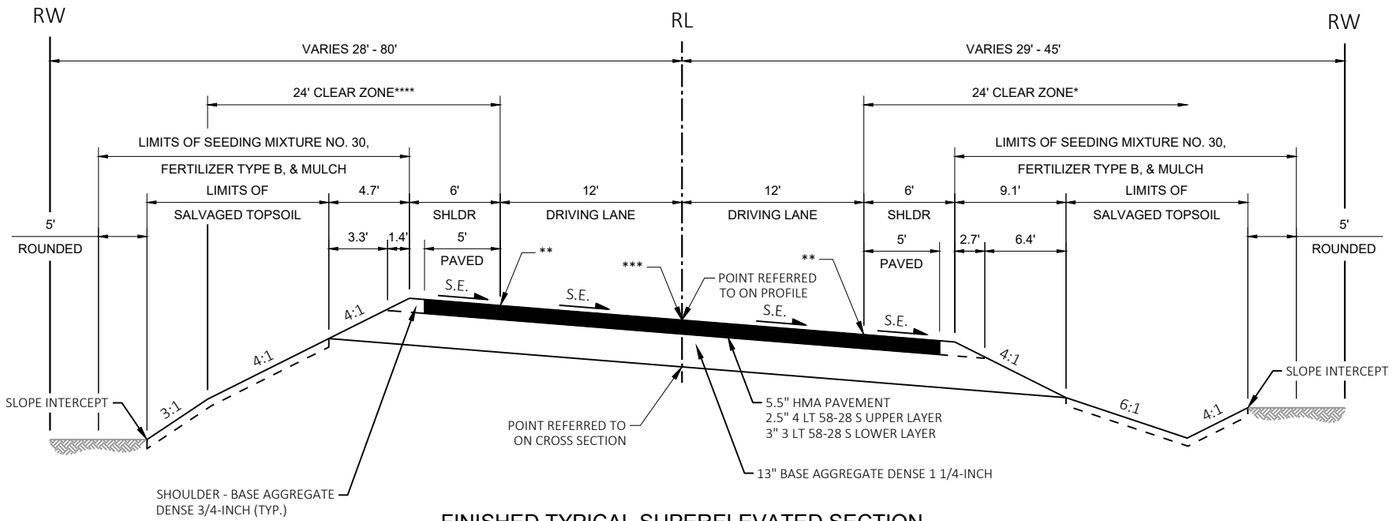
ROAD NAME	A
FIRST ST SOUTH ('F' LINE)	14'
FIRST ST NORTH ('F' LINE)	16'

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	TYPICAL SECTIONS	SHEET 5	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\TYPICALS\69940002_TYPICALS.DWG PLOT DATE : 4/22/2026 12:47:33 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:10 FT LAYOUT : 02-10FT

** ASPHALTIC RUMBLE STRIPS, SHOULDER REQUIRED

*** ASPHALTIC RUMBLE STRIPS, CENTERLINE REQUIRED



FINISHED TYPICAL SUPERELEVATED SECTION

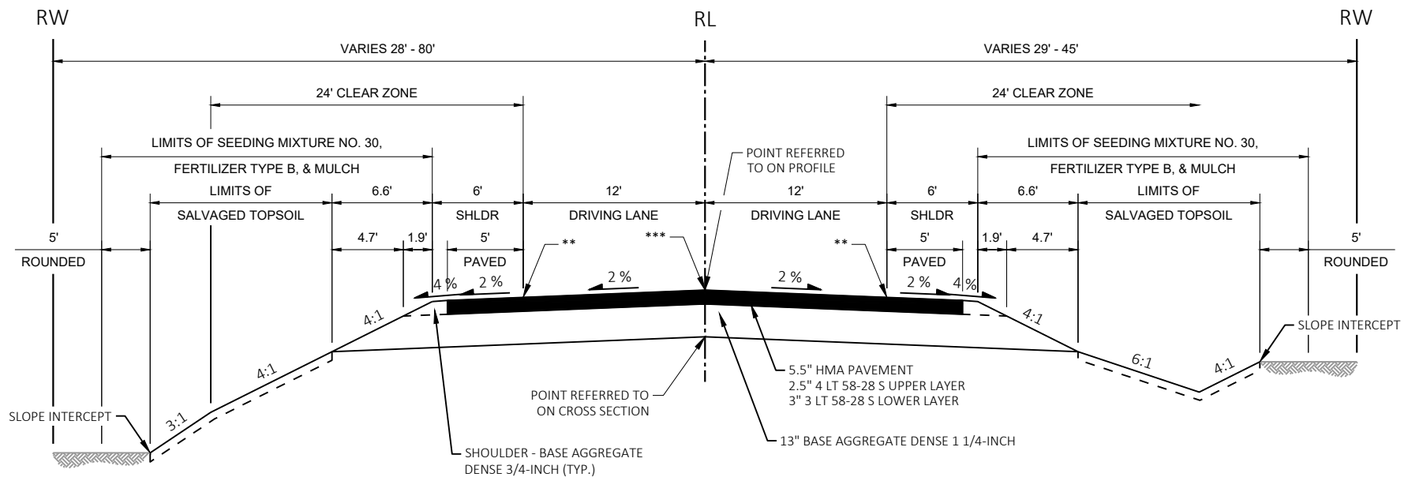
CTH P
STA 22+50 - STA 27+45
STA 28+43 - STA 35+13

* FROM STA. 22+50 - 27+45 CLEAR ZONE WIDTH IS 24'

**** FROM STA. 28+43 - STA. 35+13 CLEAR ZONE WIDTH IS 28'

** ASPHALTIC RUMBLE STRIPS, SHOULDER REQUIRED

*** ASPHALTIC RUMBLE STRIPS, CENTERLINE REQUIRED

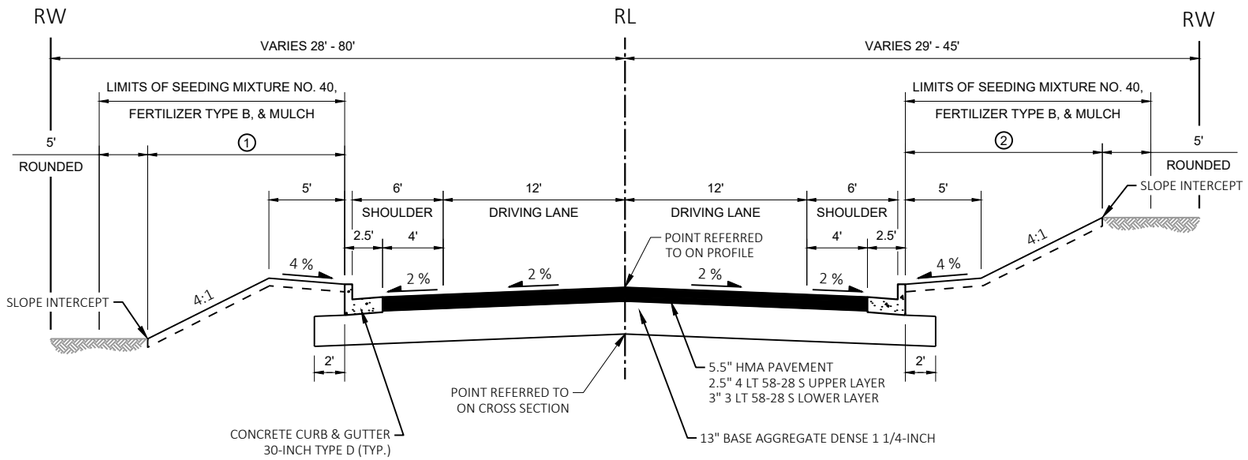


FINISHED TYPICAL SECTION

CTH P
STA 27+45 - STA 28+43
STA 35+13 - STA 257+50

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	TYPICAL SECTIONS	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\TYPICALS\69940002_TYPICALS.DWG PLOT DATE : 4/28/2026 3:35:25 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:10 FT LAYOUT : 03-10FT

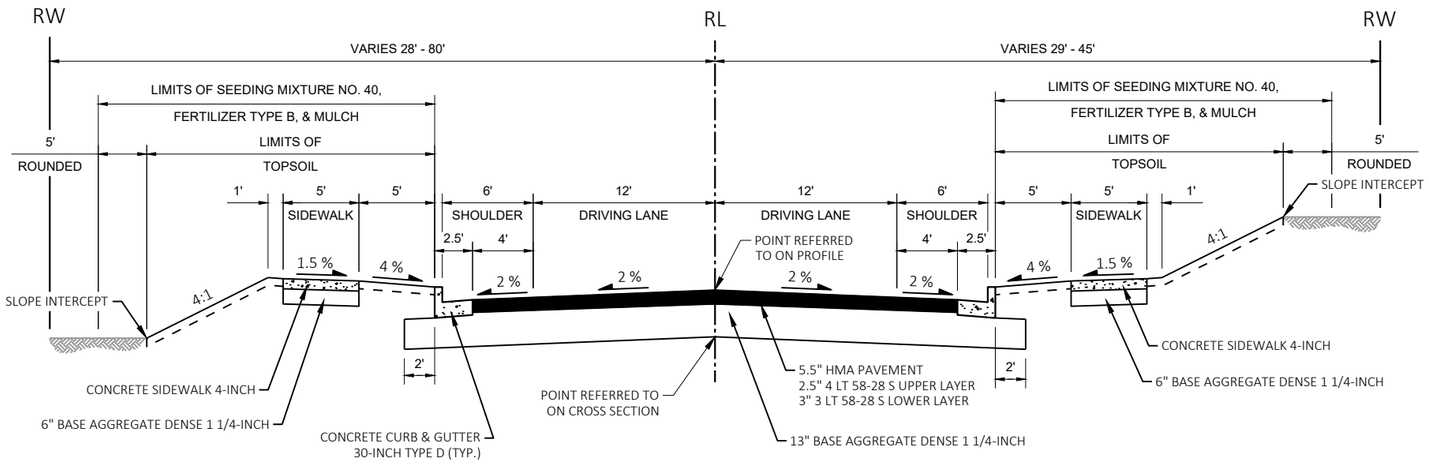


① SALVAGED TOPSOIL STA 257+50 - STA 258+35
TOPSOIL STA 258+35 - STA 258+37

② SALVAGED TOPSOIL STA 257+50 - STA 258+28
TOPSOIL STA 258+28 - STA 258+37

FINISHED TYPICAL SECTION

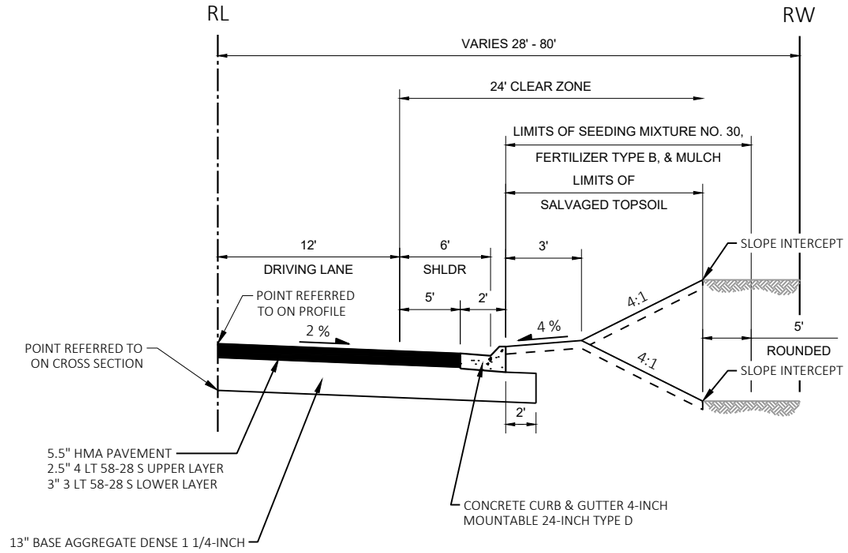
CTH P
STA 257+50 - STA 258+37



FINISHED TYPICAL SECTION

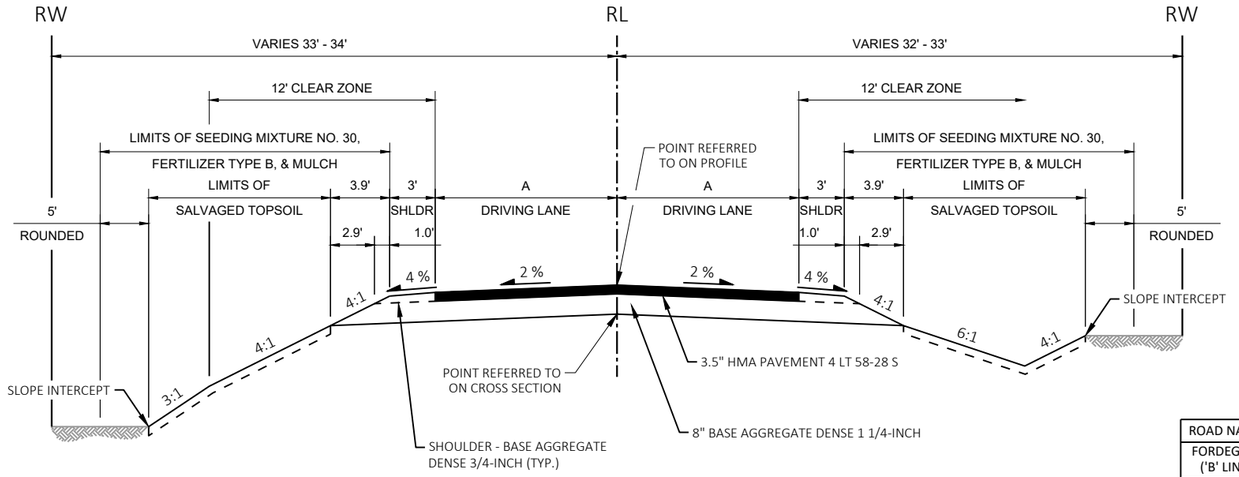
CTH P
STA 258+37 - STA 264+58

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	TYPICAL SECTIONS	SHEET 7	E



FINISHED TYPICAL HALF SECTION

CTH P
STA 23+00 - STA 27+50, LT
STA 37+50 - STA 46+50, LT
STA 52+50 - STA 55+50, LT
STA 60+50 - STA 65+25, RT
STA 61+00 - STA 65+50, LT
STA 70+00 - STA 73+50, RT
STA 75+75 - STA 76+25, LT
STA 84+00 - STA 87+00, LT
STA 96+00 - STA 100+00, LT
STA 113+50 - STA 115+00, RT
STA 126+00 - STA 131+00, RT
STA 137+25 - STA 139+00, RT
STA 146+00 - STA 150+50, LT
STA 195+50 - STA 200+50, RT
STA 206+75 - STA 209+25, LT
STA 207+25 - STA 208+75, RT
STA 232+50 - STA 235+75, RT
STA 235+80 - STA 242+15, LT
STA 254+50 - STA 257+50, LT



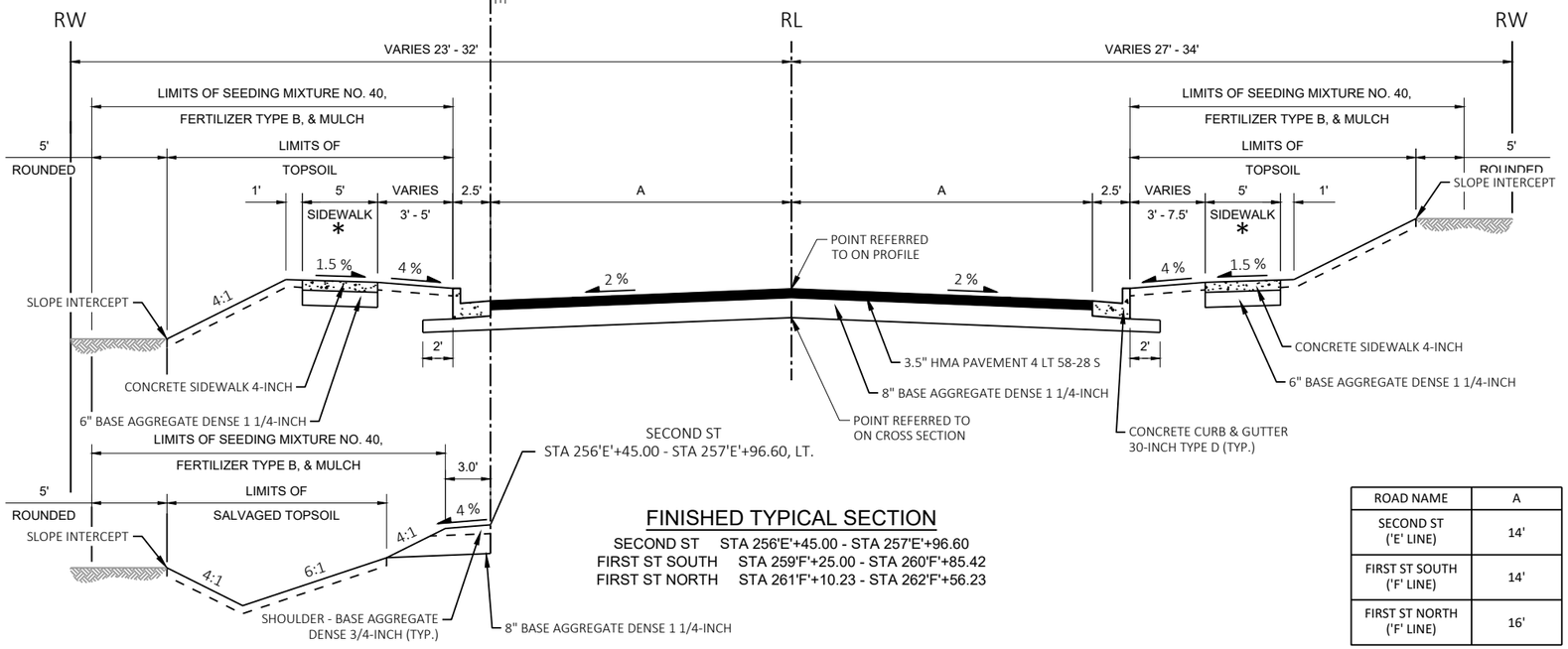
FINISHED TYPICAL SECTION

FORDEG RD STA 117'B'+00.00 - STA 117'B'+79.86
KRUEGER RD STA 132'C'+32.93 - STA 133'C'+75.00
JONES RD STA 223'D'+25.00 - STA 223'D'+77.21

ROAD NAME	A
FORDEG RD ('B' LINE)	10'
KRUEGER RD ('C' LINE)	11'
JONES RD ('D' LINE)	11'

MATCHLINE

✱SIDEWALK NOT INCLUDED ON FIRST ST NORTH



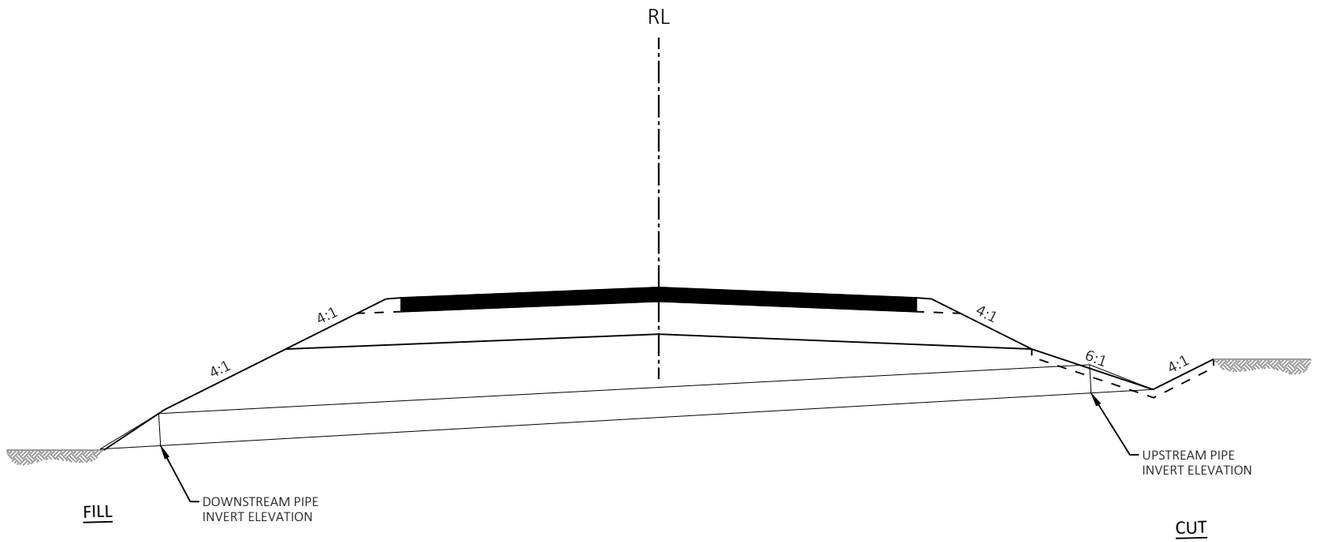
FINISHED TYPICAL SECTION

SECOND ST STA 256'E'+45.00 - STA 257'E'+96.60
FIRST ST SOUTH STA 259'F'+25.00 - STA 260'F'+85.42
FIRST ST NORTH STA 261'F'+10.23 - STA 262'F'+56.23

ROAD NAME	A
SECOND ST ('E' LINE)	14'
FIRST ST SOUTH ('F' LINE)	14'
FIRST ST NORTH ('F' LINE)	16'

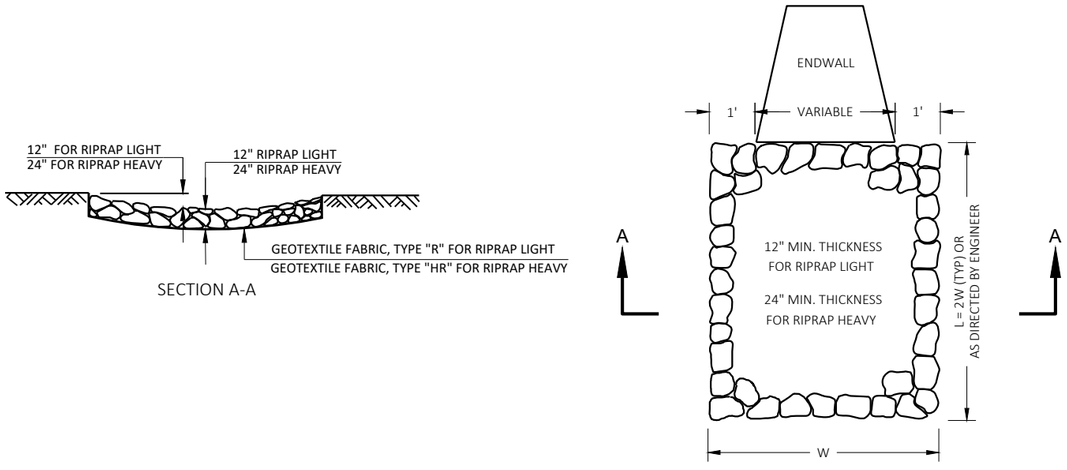
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	TYPICAL SECTIONS	SHEET 9	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\TYPICALS\69940002_TYPICALS.DWG PLOT DATE : 4/28/2026 3:35:26 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:10 FT LAYOUT : 06-10FT



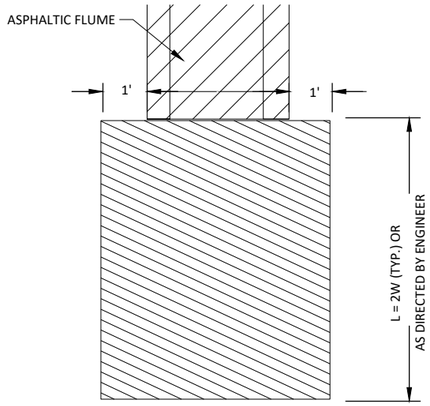
CULVERT REPLACEMENT DETAIL

STATION	LOCATION	DIAMETER (IN.)	SKEW ANGLE	UPSTREAM					DOWNSTREAM				
				STATION	OFFSET	Y	X	INVERT ELEV.	STATION	OFFSET	Y	X	INVERT ELEV.
28+30	MAINLINE	24	NO SKEW	28+30.00	-30.32'	395,957.34	634,092.45	901.72	28+30.00	37.64'	395,895.35	634,120.31	899.38
33+00	MAINLINE	24	NO SKEW	33+00.00	-35.50'	396,108.15	634,546.01	909.55	33+00.00	38.50'	396,034.58	634,554.02	906.48
48+40	MAINLINE	36	NO SKEW	48+40.00	-27.50'	396,138.63	636,087.91	917.20	48+40.00	32.50'	396,078.65	636,089.19	915.90
57+10	MAINLINE	30	NO SKEW	57+10.00	-32.70'	396,162.38	636,957.60	921.85	57+10.00	45.30'	396,084.39	636,959.26	917.80
68+35	MAINLINE	72	NO SKEW	68+35.00	-40.20'	396,193.86	638,082.18	924.29	68+35.00	51.71'	396,101.97	638,084.14	920.20
81+04	MAINLINE	72	NO SKEW	81+04.00	-37.43'	396,218.14	639,350.96	933.44	81+04.00	48.47'	396,132.26	639,352.79	929.47
94+75	MAINLINE	30	NO SKEW	94+75.00	-32.70'	396,242.63	640,721.74	935.35	94+75.00	51.10'	396,158.85	640,723.53	929.20
102+80	MAINLINE	72	27° LHF	103+02.60	-44.69'	396,275.86	641,548.59	934.45	102+55.26	50.13'	396,179.82	641,503.76	932.35
122+50	MAINLINE	30	NO SKEW	122+50.00	30.93'	396,251.45	643,497.38	949.87	122+50.00	-42.96'	396,325.31	643,495.37	945.85
133+62	MAINLINE	24	NO SKEW	133+62.00	-34.34'	396,345.93	644,607.21	957.20	133+62.00	37.66'	396,273.95	644,609.10	956.35
159+99	MAINLINE	24	NO SKEW	159+99.00	-26.58'	396,404.27	647,243.66	957.32	159+99.00	27.42'	396,350.28	647,244.92	957.09
160+07	MAINLINE	24	NO SKEW	160+07.00	-26.58'	396,404.45	647,251.66	957.32	160+07.00	27.42'	396,350.47	647,252.92	957.09
183+67	MAINLINE	24	NO SKEW	183+67.00	27.72'	396,396.84	649,612.31	952.81	183+67.00	-28.28'	396,452.83	649,611.30	952.66
203+40	MAINLINE	30	NO SKEW	203+40.00	41.03'	396,419.30	651,585.23	964.52	203+40.00	-54.85'	396,515.16	651,583.49	959.73
235+75	MAINLINE	24	35.0° RHF	235+54.06	-29.91'	396,540.72	654,797.66	969.44	235+95.36	29.07'	396,482.38	654,839.84	968.72
250+46	MAINLINE	42	NO SKEW	250+46.00	28.65'	396,513.53	656,290.35	950.72	250+46.00	-33.34'	396,575.51	656,288.97	949.48
250+54	MAINLINE	42	NO SKEW	250+54.00	28.65'	396,513.71	656,298.35	950.72	250+54.00	-33.34'	396,575.68	656,296.97	949.48
117'B'+90	'B'-LNE	18	NO SKEW	117'B'+90.00	-26.00'	396,203.91	643,079.37	954.22	117'B'+90.00	26.00'	396,204.64	643,131.37	953.70
133'C'+10	C'-LINE	24	NO SKEW	133'C'+10.00	-28.80'	396,412.72	644,421.08	959.78	133'C'+10.00	31.20'	396,413.18	644,481.08	958.70



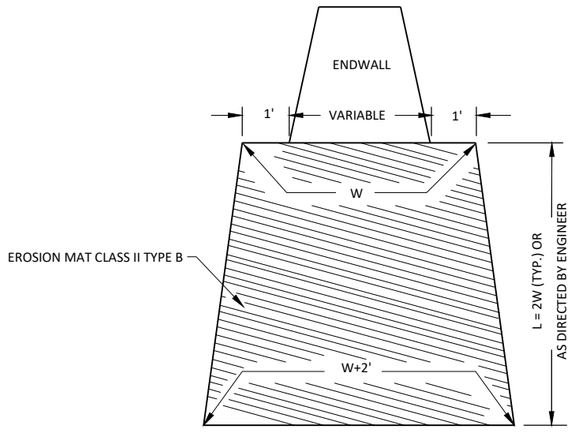
RIPRAP TREATMENT AT CULVERTS

SEE MISCELLANEOUS QUANTITIES
FOR LOCATIONS AND DIMENSIONS



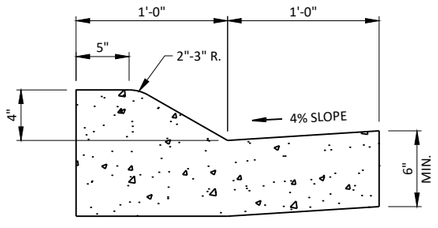
EROSION MAT TREATMENT AT ASPHALTIC FLUMES

(SEE EROSION CONTROL PLAN FOR LOCATION AND DIMENSIONS)



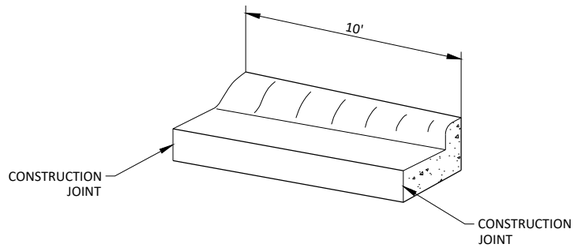
EROSION MAT TREATMENT AT CULVERTS

(SEE MISCELLANEOUS QUANTITIES SHEET FOR LOCATION AND DIMENSIONS)



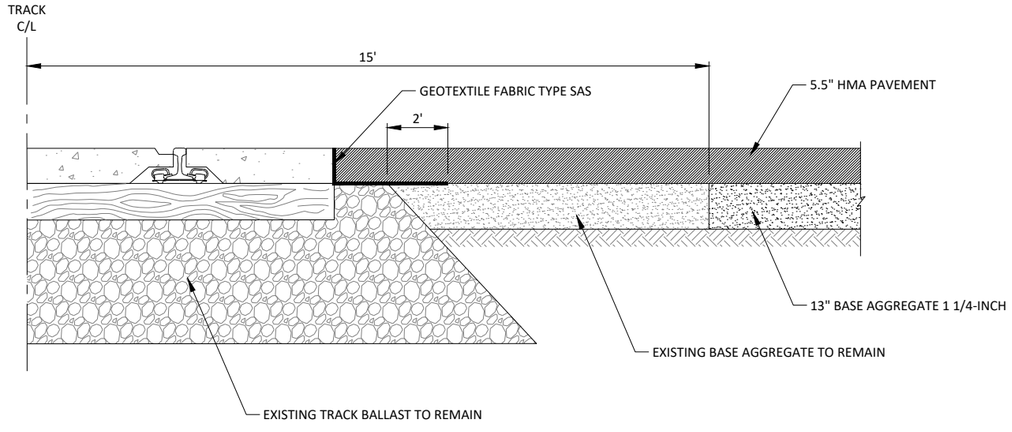
CONCRETE CURB & GUTTER 4-INCH SLOPED 24-INCH TYPE D

SEE SDD CONCRETE CURB AND GUTTER FOR ADDITIONAL INFORMATION



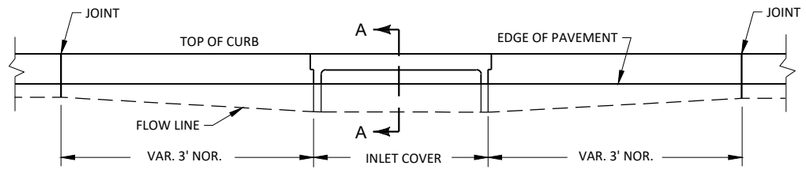
TRANSITION DETAIL

CONCRETE CURB & GUTTER 4-INCH SLOPED 24-INCH TYPE D TO CONCRETE CURB & GUTTER 30-INCH TYPE D
(TO BE MEASURED & PAID FOR AS CONCRETE CURB & GUTTER 4-INCH SLOPED 24-INCH TYPE D)

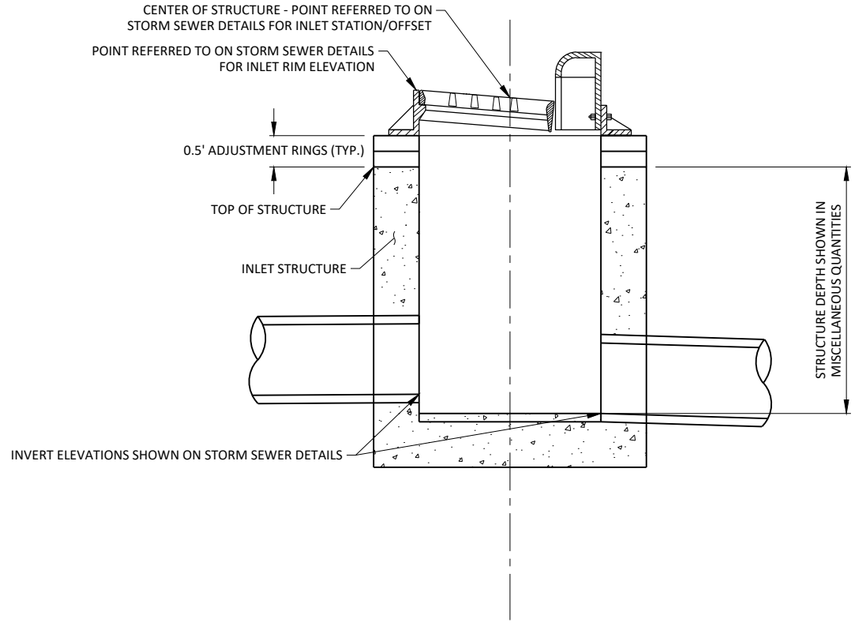


DETAIL FOR PAVEMENT REPLACEMENT AT RAILROAD CROSSING

2



PROFILE VIEW

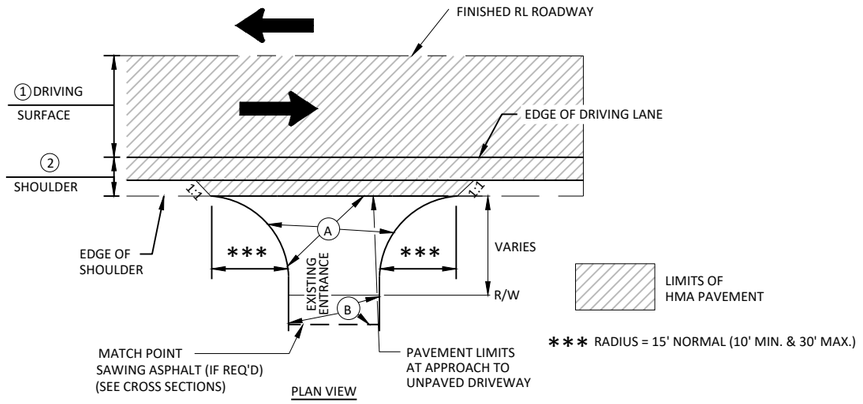


SECTION A-A

TYPE H INLET SHOWN

DETAIL OF CURB AND GUTTER AT INLETS

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CONSTRUCTION DETAILS	SHEET 12	E

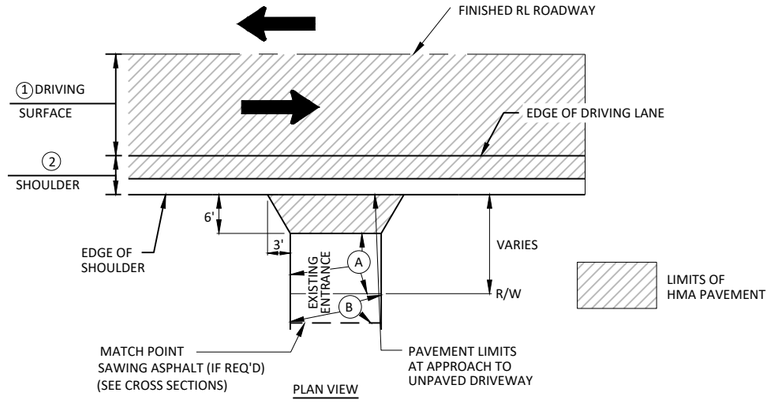


PLAN VIEW

RURAL ENTRANCE DETAIL NO CURB & GUTTER

ROADWAY	①	②
CTH P	12'	6' (4' PAVED)
'B'-LINE (FORDEG RD)	10'	3' (0' PAVED)
'F'-LINE (FIRST ST)	14'	2' (2' C&G)

	EXISTING	PROPOSED
Ⓐ	CRUSHED AGGREGATE BASE COURSE	6" BASE AGGREGATE DENSE 3/4-INCH
	ASPHALT	3" ASPHALTIC SURFACE DRIVEWAYS OVER 6" BASE AGGREGATE DENSE 3/4-INCH
	CONCRETE	3" ASPHALTIC SURFACE DRIVEWAYS OVER 6" BASE AGGREGATE DENSE 3/4-INCH
Ⓑ	CRUSHED AGGREGATE BASE COURSE	6" BASE AGGREGATE DENSE 3/4-INCH
	ASPHALT	3" ASPHALTIC SURFACE DRIVEWAYS OVER 6" BASE AGGREGATE DENSE 3/4-INCH
	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" BASE AGGREGATE DENSE 3/4-INCH

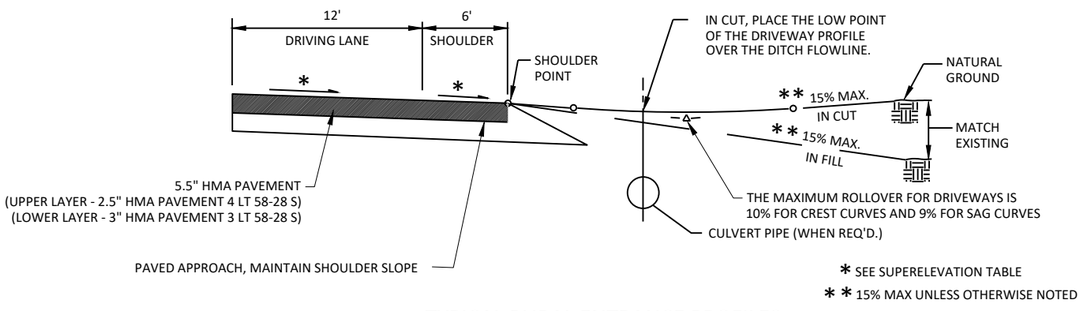


PLAN VIEW

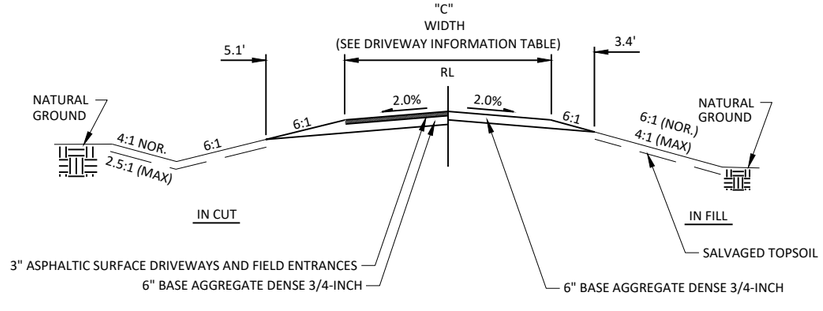
RURAL ENTRANCE DETAIL WITH CURB & GUTTER

ROADWAY	①	②
CTH P	12'	6' (4' PAVED, 2' C&G)

	EXISTING	PROPOSED
Ⓐ	CRUSHED AGGREGATE BASE COURSE	6" BASE AGGREGATE DENSE 3/4-INCH
	ASPHALT	3" ASPHALTIC SURFACE DRIVEWAYS OVER 6" BASE AGGREGATE DENSE 3/4-INCH
	CONCRETE	3" ASPHALTIC SURFACE DRIVEWAYS OVER 6" BASE AGGREGATE DENSE 3/4-INCH
Ⓑ	CRUSHED AGGREGATE BASE COURSE	6" BASE AGGREGATE DENSE 3/4-INCH
	ASPHALT	3" ASPHALTIC SURFACE DRIVEWAYS OVER 6" BASE AGGREGATE DENSE 3/4-INCH
	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" BASE AGGREGATE DENSE 3/4-INCH



TYPICAL RURAL ENTRANCE PROFILES

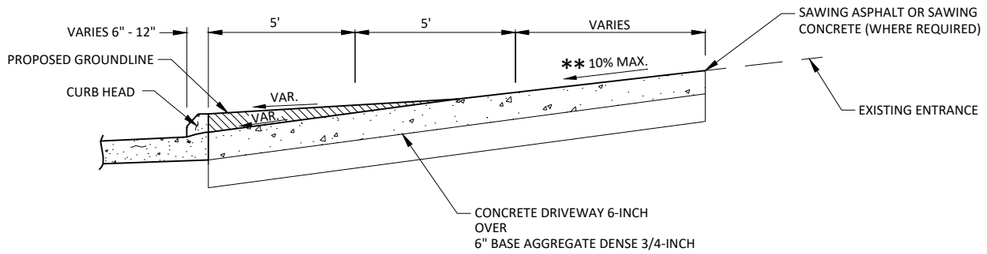


TYPICAL CROSS-SECTION FOR RURAL ENTRANCE

2

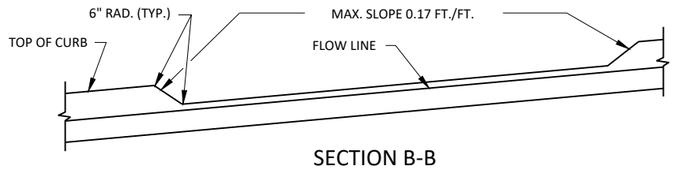
RURAL DRIVEWAY INFORMATION TABLE

STATION	TYPE	EXISTING PAVEMENT STRUCTURE	PROPOSED PAVEMENT STRUCTURE B	"C" WIDTH
24+04, RT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	20
28+12, LT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
32+53, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	22
32+72, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
34+92, LT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	18
41+04, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
61+69, RT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
61+89, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	24
62+34, RT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	30
64+84, RT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	14
72+32, LT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
76+65, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
84+91, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
85+27, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	30
101+45, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
103+82, RT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	20
105+11, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	36
105+44, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
109+29, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	36
110+65, LT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	12
111+80, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
127+90, LT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	18
131+76, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
138+03, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	35
138+18, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
145+13, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
146+05, RT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	16
147+59, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
148+55, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
149+83, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
158+32, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
158+62, LT.	P.E.	ASPHALT/CONCRETE	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH) CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	14
167+50, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
168+96, LT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
174+82, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
189+27, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
196+35, RT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	14
198+49, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
199+53, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
206+99, LT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
208+82, LT.	P.E.	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	12
211+43, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	24
212+00, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
224+32, LT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	16
230+00, LT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	18
230+53, RT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	18
231+49, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
233+59, RT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	26
236+74, LT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	12
237+73, LT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	12
239+47, LT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	12
240+78, RT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
241+67, RT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	20
241+99, LT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	12
242+92, RT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	32
244+73, RT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
246+09, RT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	12
251+20, LT.	F.E.	B.A.D.	6" B.A.D. (3/4-INCH)	16
255+82, LT.	P.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	22
117'B'+55, RT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	30

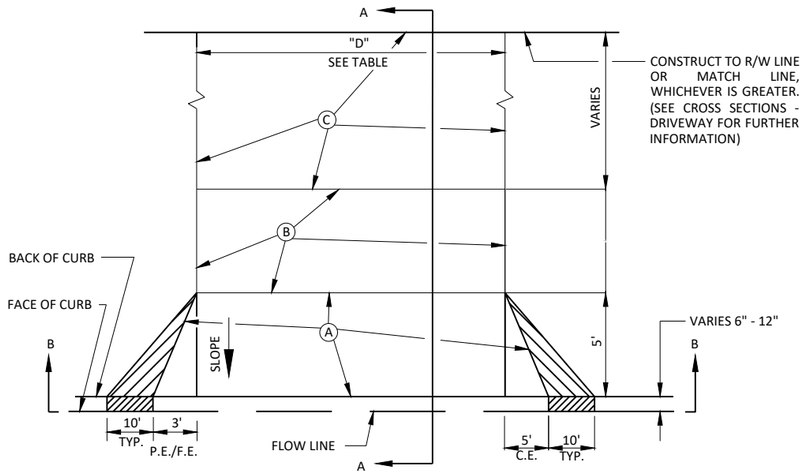


** 10% MAX UNLESS OTHERWISE NOTED

SECTION A-A



SECTION B-B



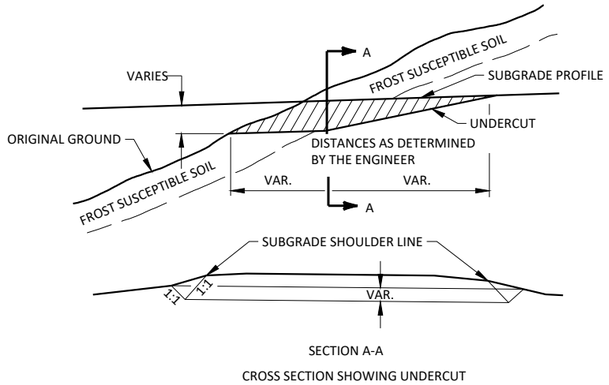
URBAN DRIVEWAY DETAIL

	EXISTING	PROPOSED
(A)	ALL TYPES	CONCRETE DRIVEWAY 6-INCH OVER 6" BASE AGGREGATE DENSE 3/4-INCH
(B)	ALL TYPES	CONCRETE DRIVEWAY 6-INCH OVER 6" BASE AGGREGATE DENSE 3/4-INCH
(C)	CRUSHED AGGREGATE BASE COURSE	6" BASE AGGREGATE DENSE 3/4-INCH
	ASPHALT	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 6" BASE AGGREGATE DENSE 3/4-INCH
	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" BASE AGGREGATE DENSE 3/4-INCH

URBAN DRIVEWAY INFORMATION TABLE

STATION	TYPE	EXISTING PAVEMENT STRUCTURE	PROPOSED PAVEMENT STRUCTURE C	"D" WIDTH
259+28, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	30
259+95, LT.	P.E.	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	20
261+94, LT.	P.E.	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	20
262+78, RT.	C.E.	ASPHALT	3" ASPHALTIC SURFACE OVER 6" B.A.D. (3/4-INCH)	35
263+05, LT.	P.E.	B.A.D.	6" B.A.D. (3/4-INCH)	20
263+68, RT.	C.E.	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	18
259'F'+54, RT.	P.E.	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	12
259'F'+58, LT.	P.E.	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	18
260'F'+03, LT.	P.E.	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	20
260'F'+23, RT.	P.E.	CONCRETE	CONCRETE DRIVEWAY 6-INCH OVER 6" B.A.D. (3/4-INCH)	12

2

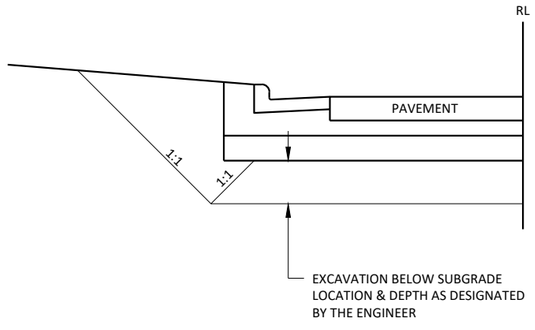


DETAIL FOR EXCAVATION BELOW SUBGRADE AT CUTS

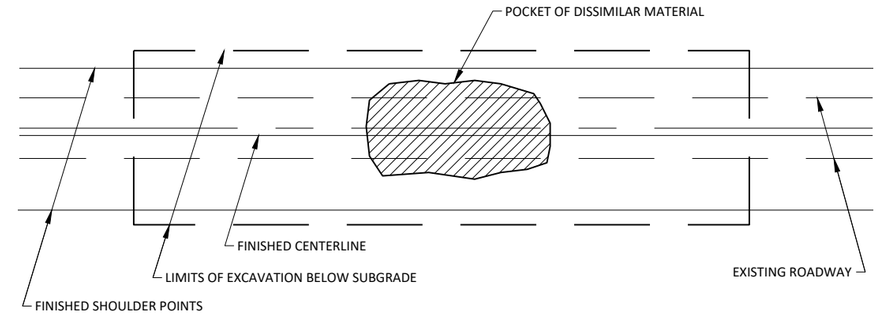
E.B.S. AREA TO BE BACKFILLED WITH HOMOGENEOUS ADJOINING MATERIAL.

THE FILL SECTION WITHIN 100' OF THE MOUTH OF THE CUT MUST BE KEPT 2' BELOW SUBGRADE UNTIL E.B.S. IS COMPLETED.

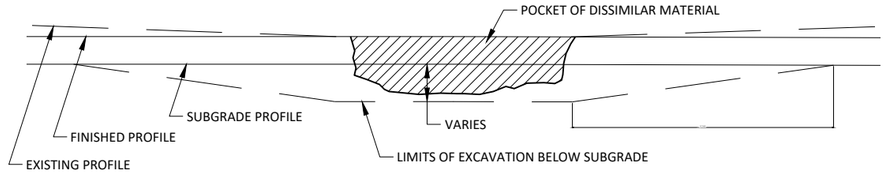
NOTE: EXACT LOCATIONS AND EXTENT OF E.B.S. SECTIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.



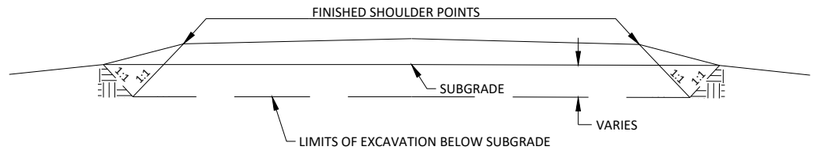
URBAN DETAIL FOR EXCAVATION BELOW SUBGRADE



PLAN VIEW



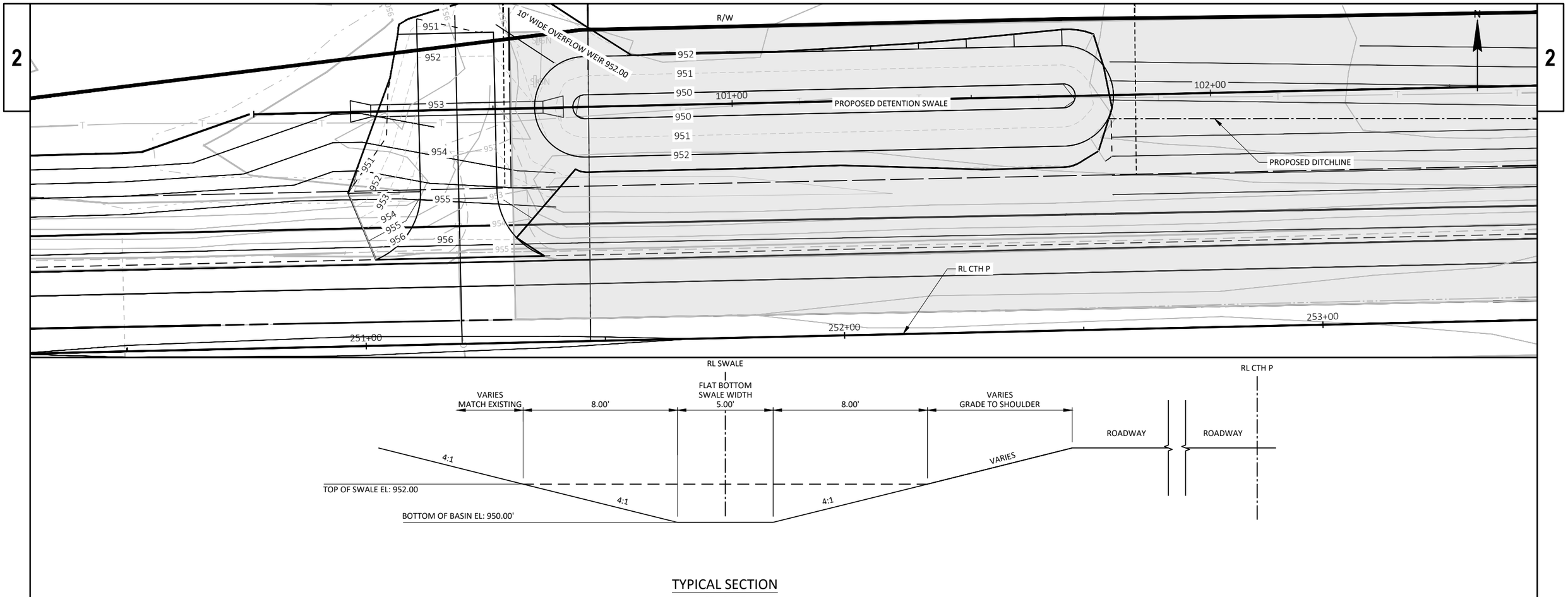
PROFILE VIEW



CROSS SECTION VIEW

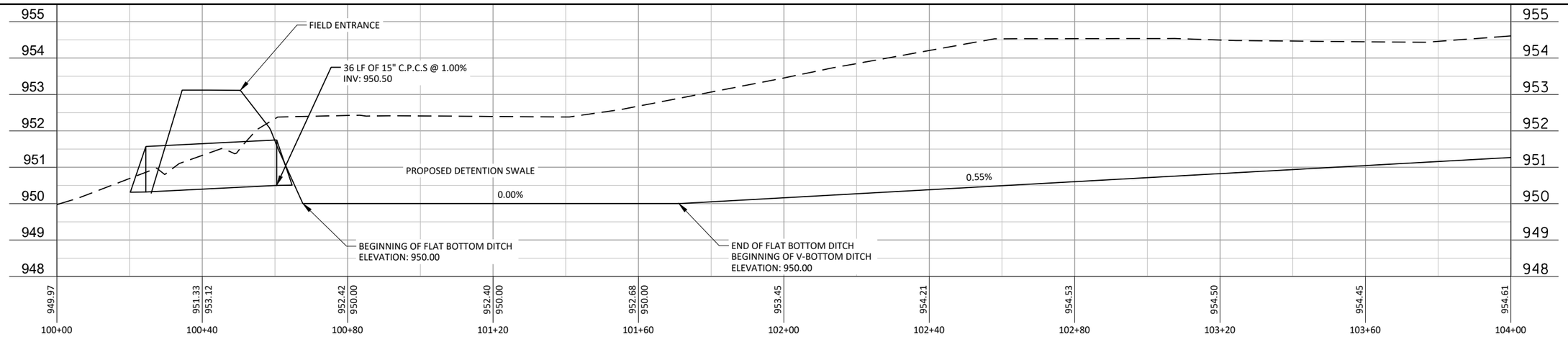
1. EXACT LOCATION OF E.B.S. (EXCAVATION BELOW SUBGRADE) SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. E.B.S. AREA TO BE BACKFILLED WITH MATERIAL ACCEPTABLE TO THE ENGINEER. BACKFILL MUST BE HOMOGENEOUS WITH ADJOINING FILL MATERIAL.
3. THE FILL SECTION WITHIN 100' OF THE MOUTH OF THE CUT MUST BE KEPT 2' BELOW SUBGRADE UNTIL E.B.S. IS COMPLETED. LATERAL LIMITS OF EXCAVATION SHALL BE THE SUBGRADE SHOULDER POINTS.

EXCAVATION BELOW SUBGRADE (E.B.S.) DETAIL



TYPICAL SECTION

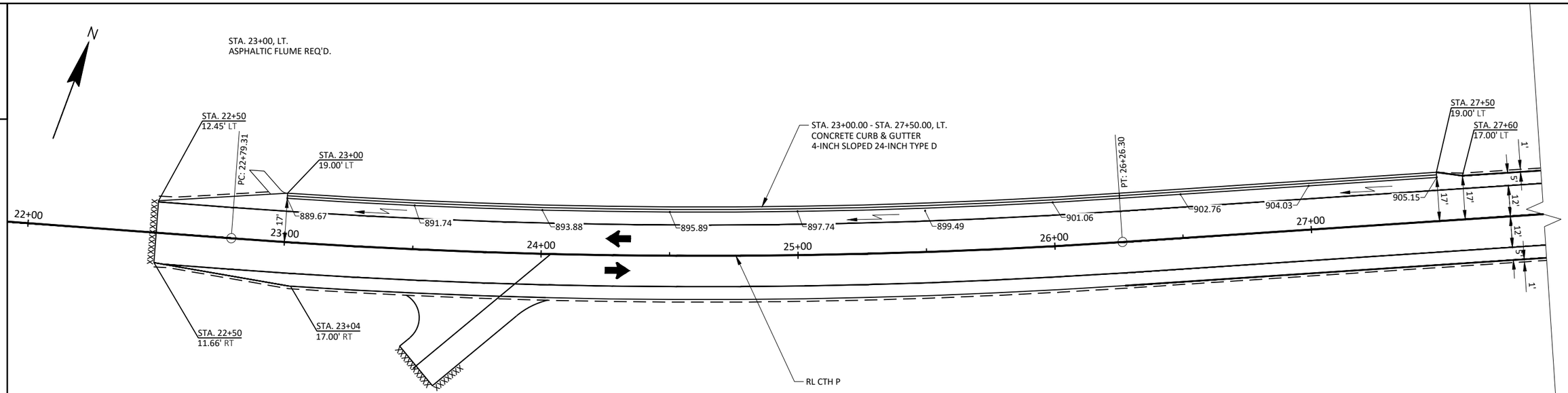
SCALE:NTS



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CONSTRUCTION DETAILS DETENTION SWALE	SHEET	E

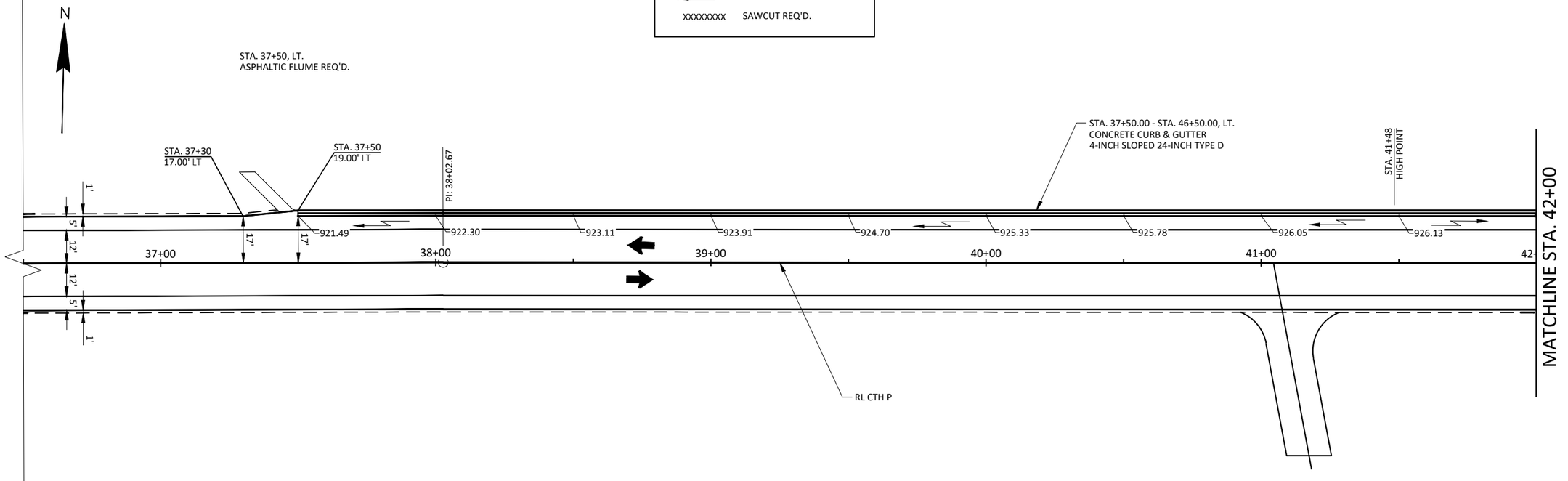
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\STORM WATER\STORMWATER POND.DWG
PLOT DATE : 4/22/2026 12:54:32 PM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:20 FT
LAYOUT : RETENTION POND DETAIL

2



LEGEND

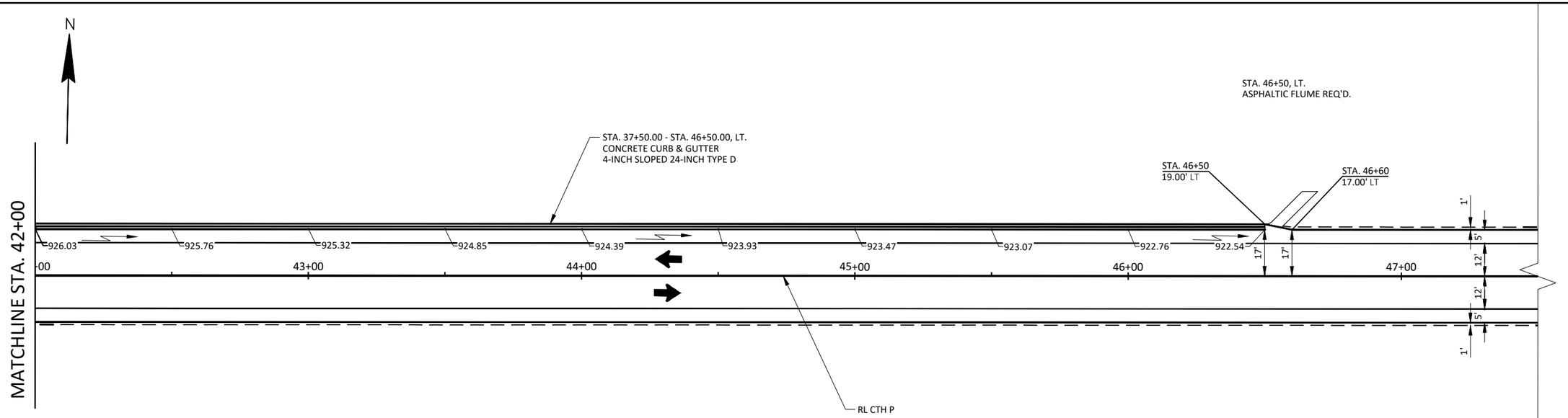
- DIRECTION OF TRAVEL
- DIRECTION OF FLOW
- XXXXXXXX SAWCUT REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_PLAN DETAILS.DWG
PLOT DATE : 5/18/2026 8:13:36 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:40 FT
LAYOUT : 01

2

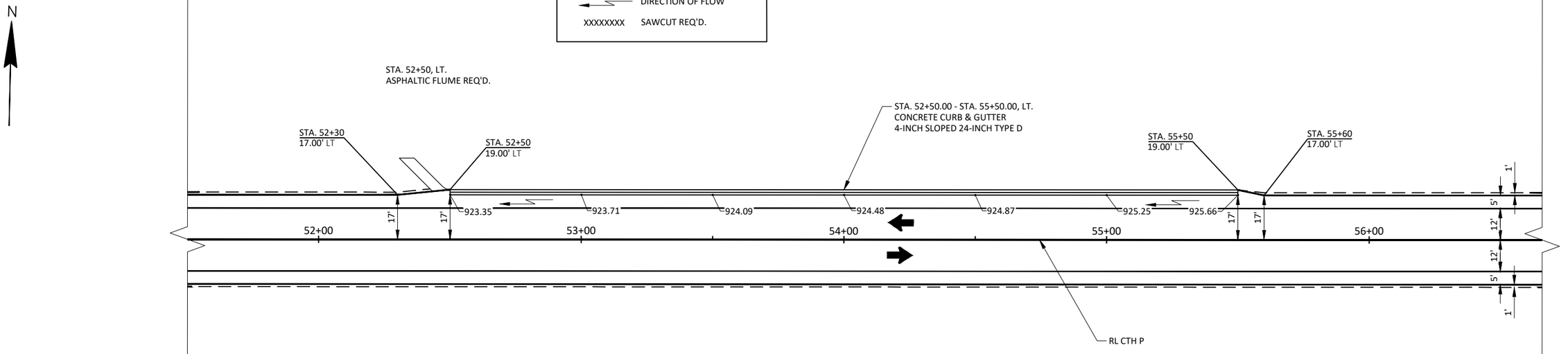


LEGEND

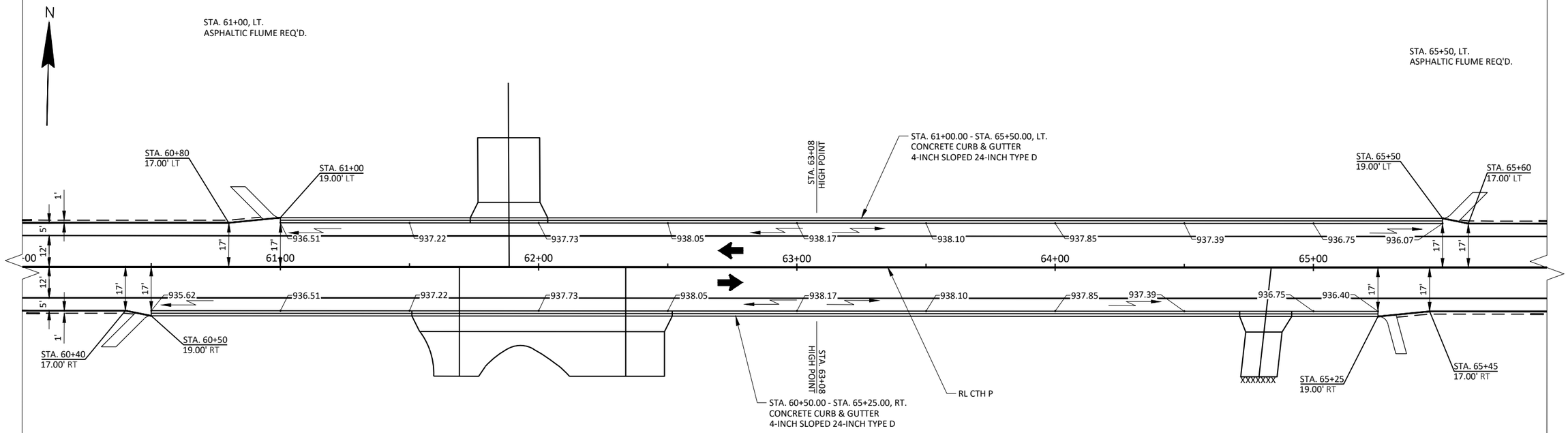
DIRECTION OF TRAVEL

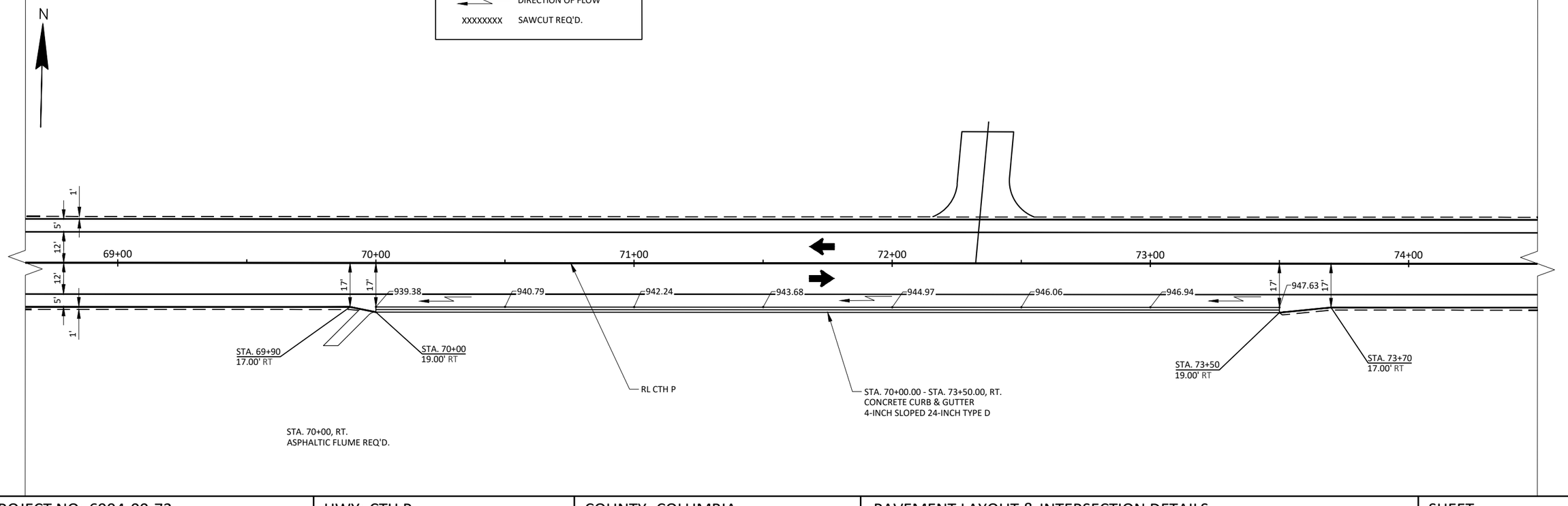
DIRECTION OF FLOW

XXXXXXXX SAWCUT REQ'D.



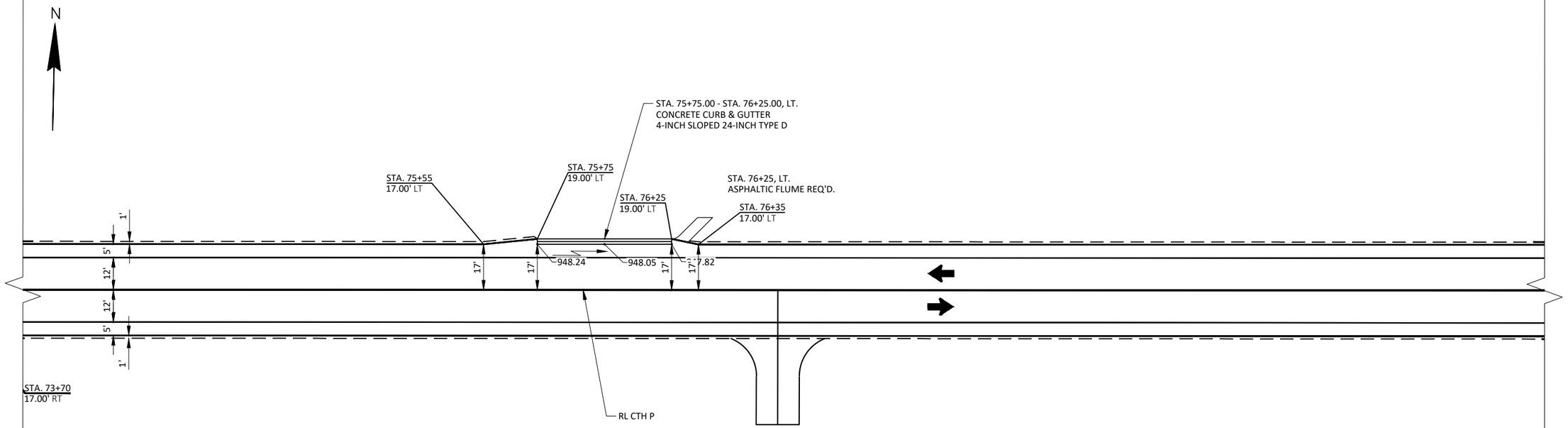
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 19	E





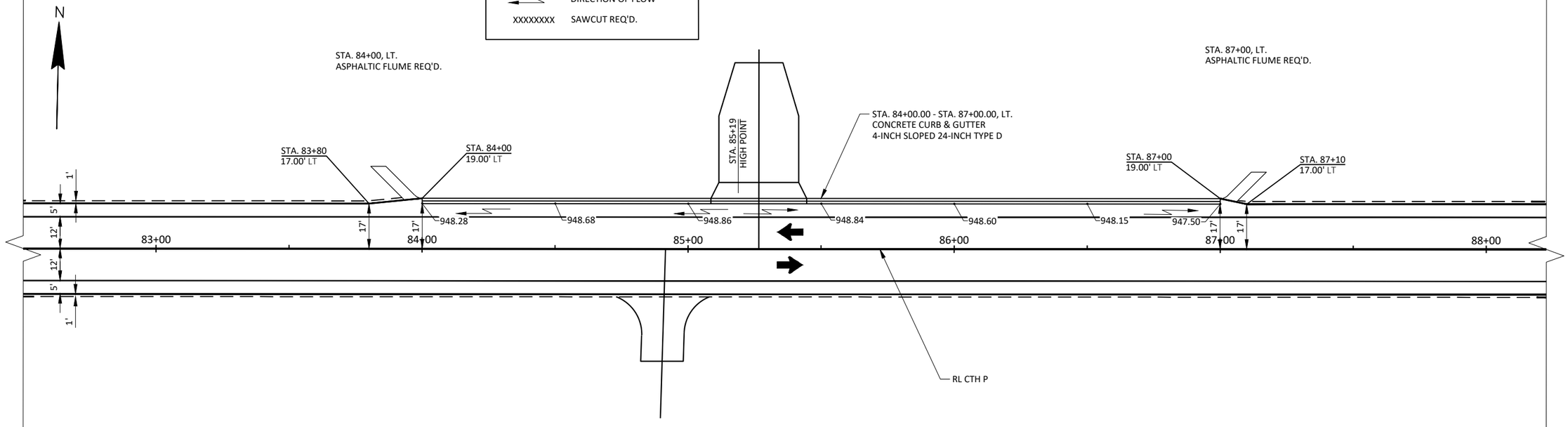
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_PLAN DETAILS.DWG PLOT DATE : 5/18/2026 8:13:41 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:40 FT LAYOUT : 03



LEGEND

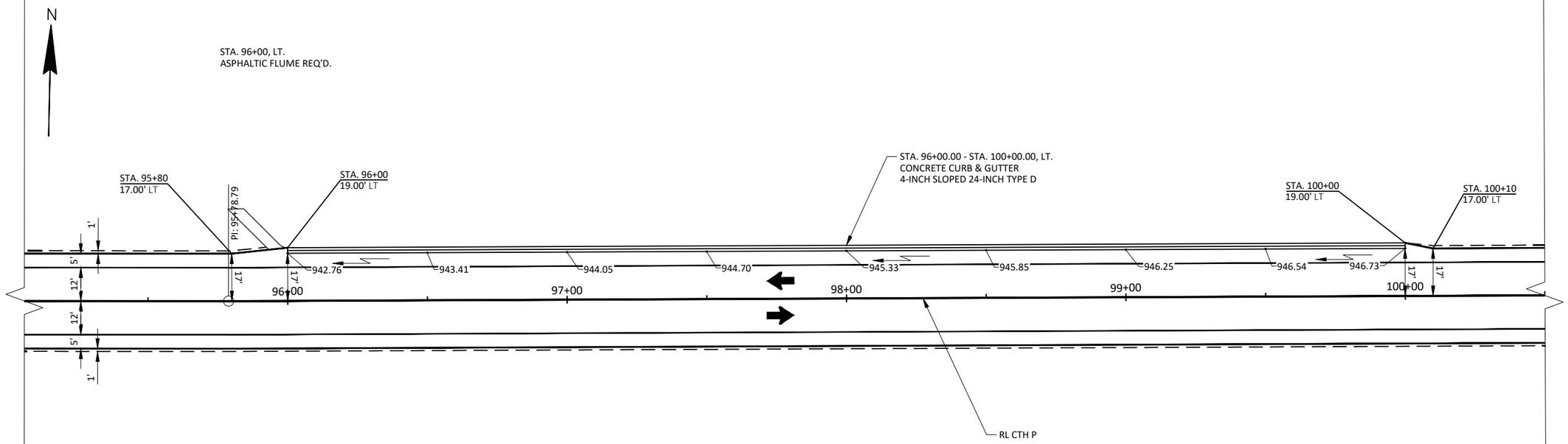
- DIRECTION OF TRAVEL
- DIRECTION OF FLOW
- XXXXXXXX SAWCUT REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_PLAN DETAILS.DWG
PLOT DATE : 5/18/2026 8:13:43 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:40 FT
LAYOUT : 04

2

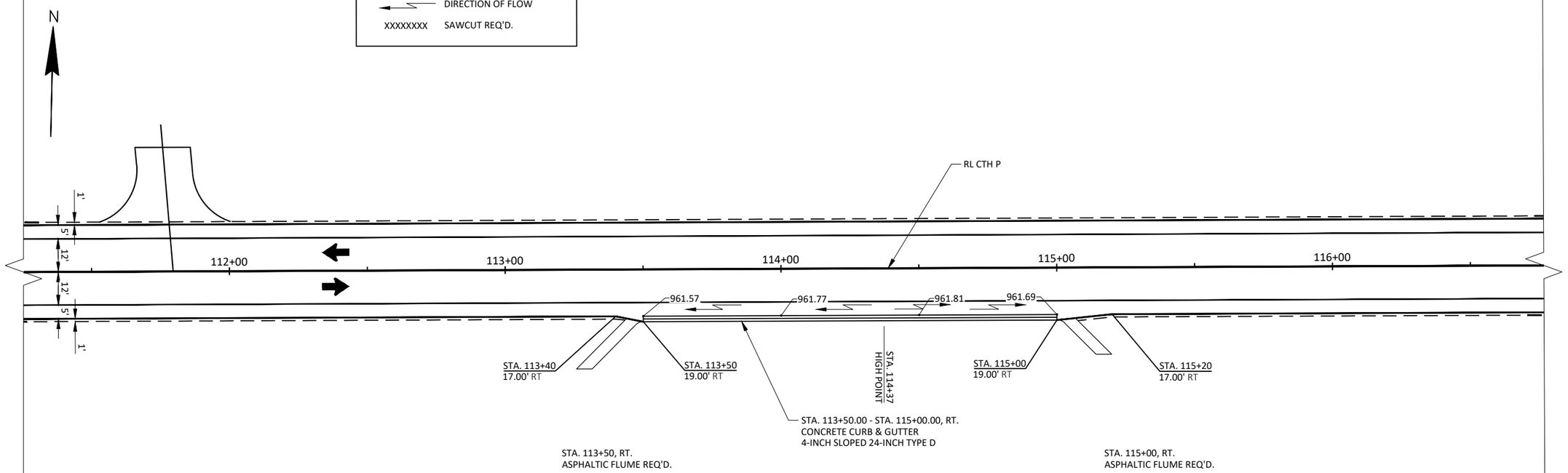


LEGEND

DIRECTION OF TRAVEL

DIRECTION OF FLOW

XXXXXXXX SAWCUT REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 22	E

2

N

RL CTH P

RL STA. 118+57.79 (CTH P) =
RL STA. 118'B'+57.79 (FORDEG RD)
TYPE C INTERSECTION REQ'D.

116+00 117+00 118+00 119+00 120+00 121+00

1' 5' 12' 12' 5' 1'

89°17'45"

17' 18' 15:1 18' 17' 10:1

STA. 117+67
17.00' RT

STA. 117+82
18.00' RT

STA. 119+22
17.00' RT

STA. 119+12
18.00' RT

R=60'

R=40'

STA. 117'B'+78.86
75.0' LT

Y = 396,192.09
X = 643,030.53

STA. 117+81.82
78.0' RT

STA. 118+42
78.74' RT

118'B'+00

15' 3' STA. 118+72
57.51' RT

STA. 118'B'+00.46
55.0' RT

Y = 396,215.51
X = 643,160.22

STA. 119+12.08
58.0' RT

10:1

14:1

MAINLINE PAVEMENT STRUCTURE
SIDEROAD PAVEMENT STRUCTURE

STA. 117'B'+29
10.00' LT

3' 10' 10' 3'

STA. 117'B'+29
10.00' RT

RL FORDEG RD
('B' LINE)

117'B'+00

XXXXXXXX

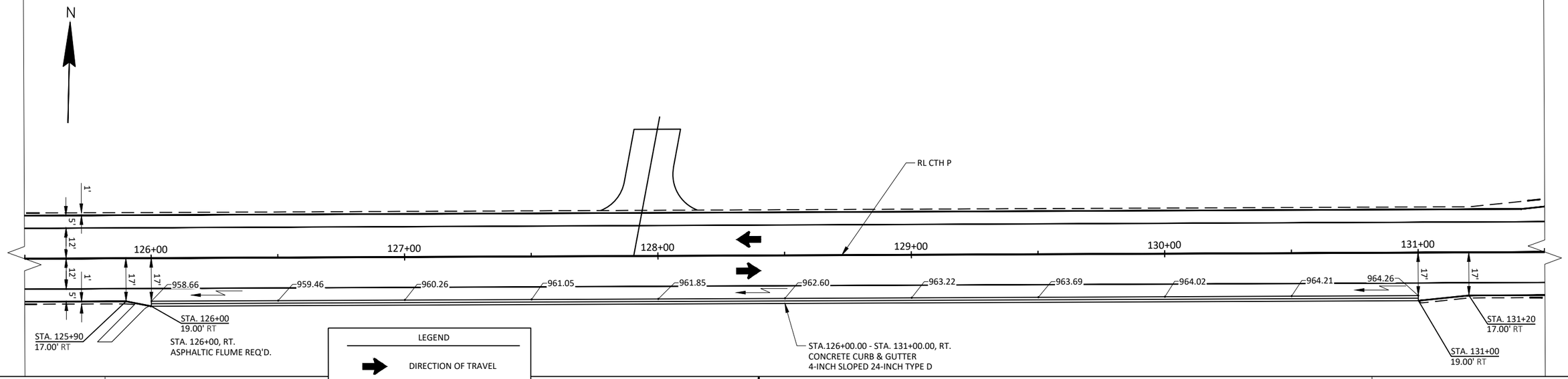
LEGEND

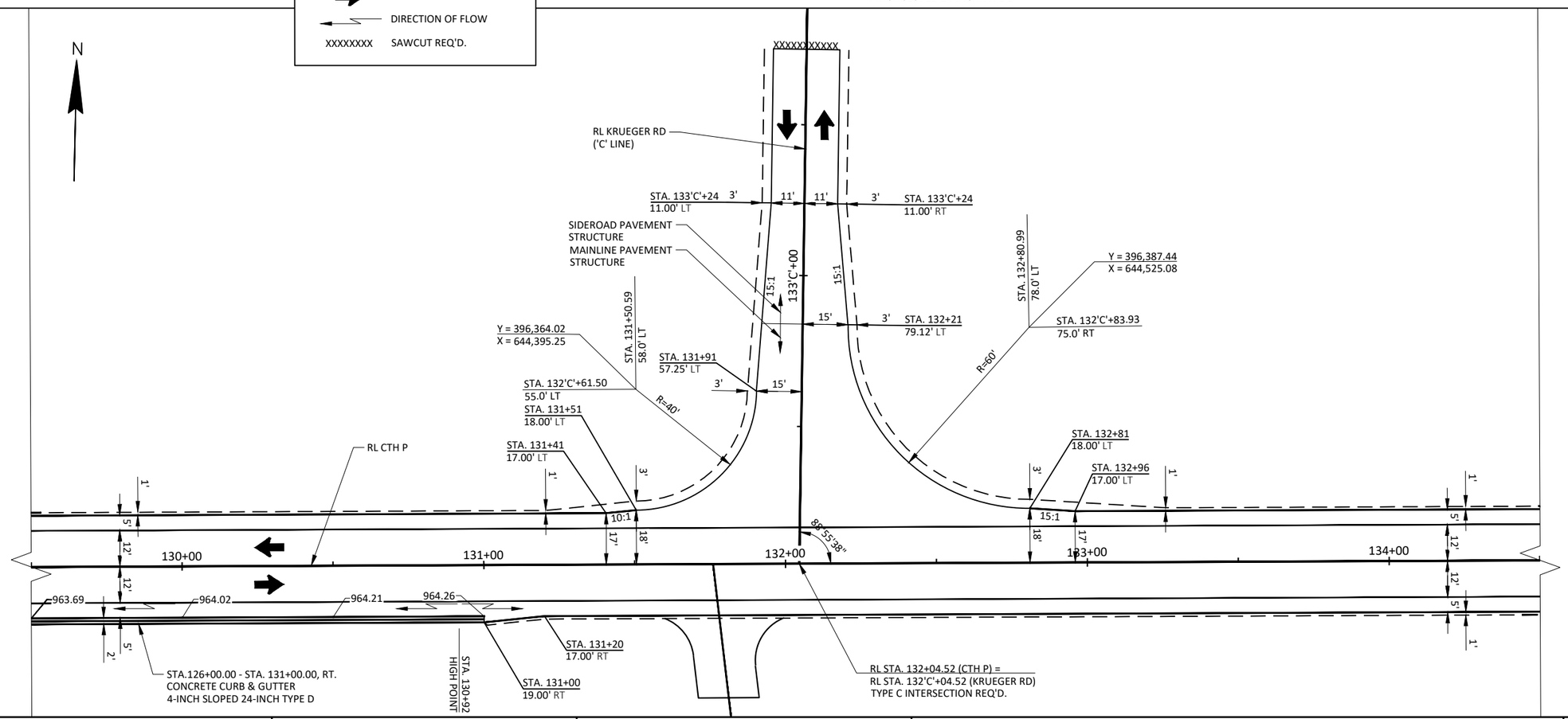
- DIRECTION OF TRAVEL
- DIRECTION OF FLOW
- XXXXXXXX SAWCUT REQ'D.

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 23	E

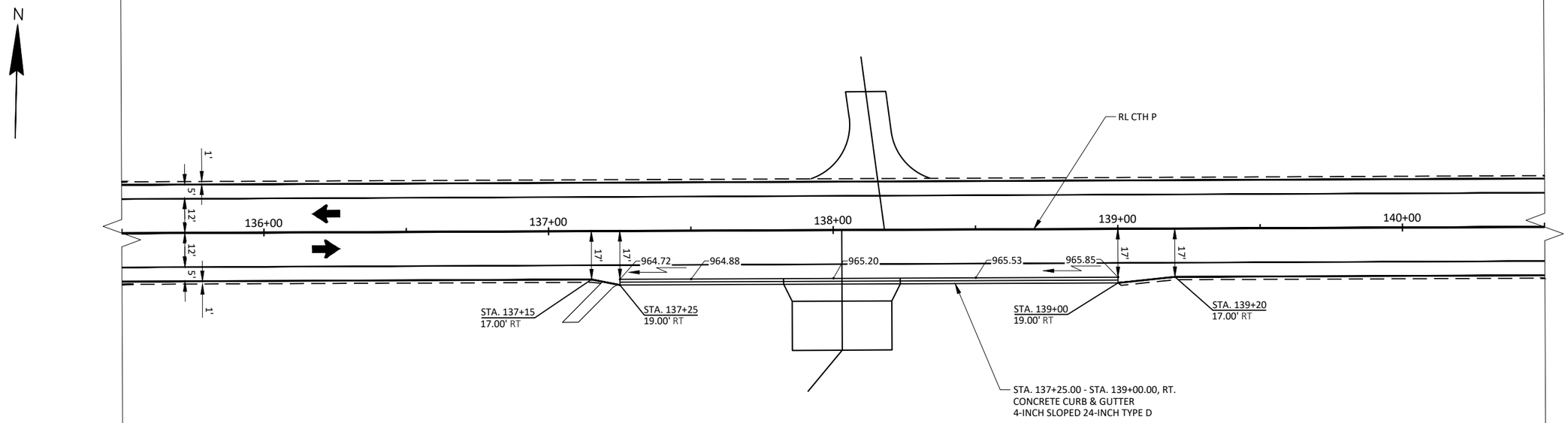
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_PLAN DETAILS.DWG PLOT DATE : 5/18/2026 8:13:46 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:40 FT LAYOUT : 06

2





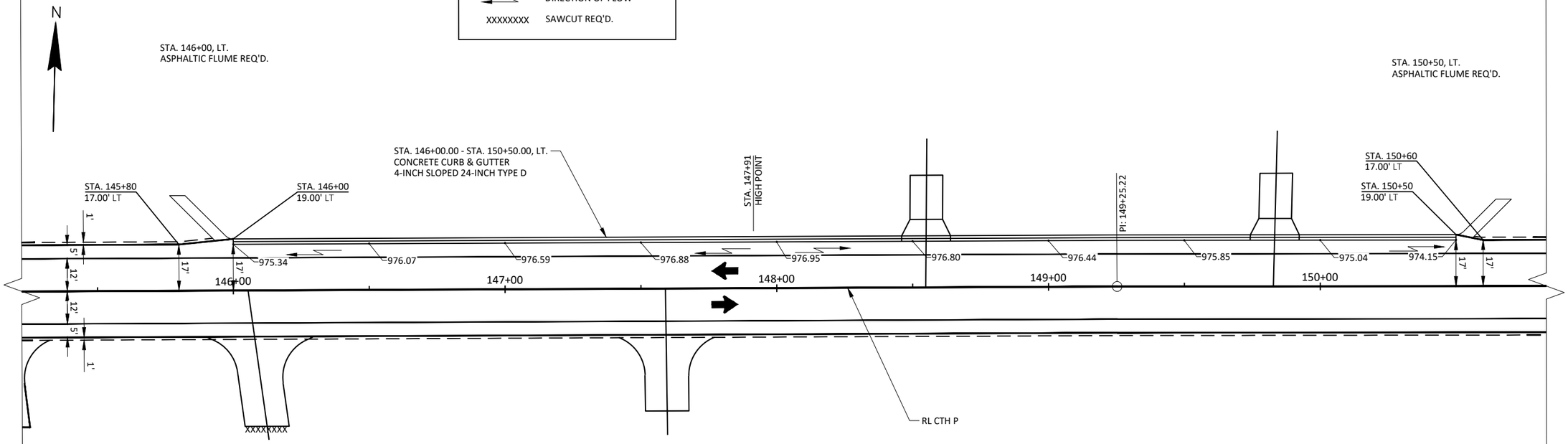
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 24	E



STA. 137+25, RT.
ASPHALTIC FLUME REQ'D.

LEGEND

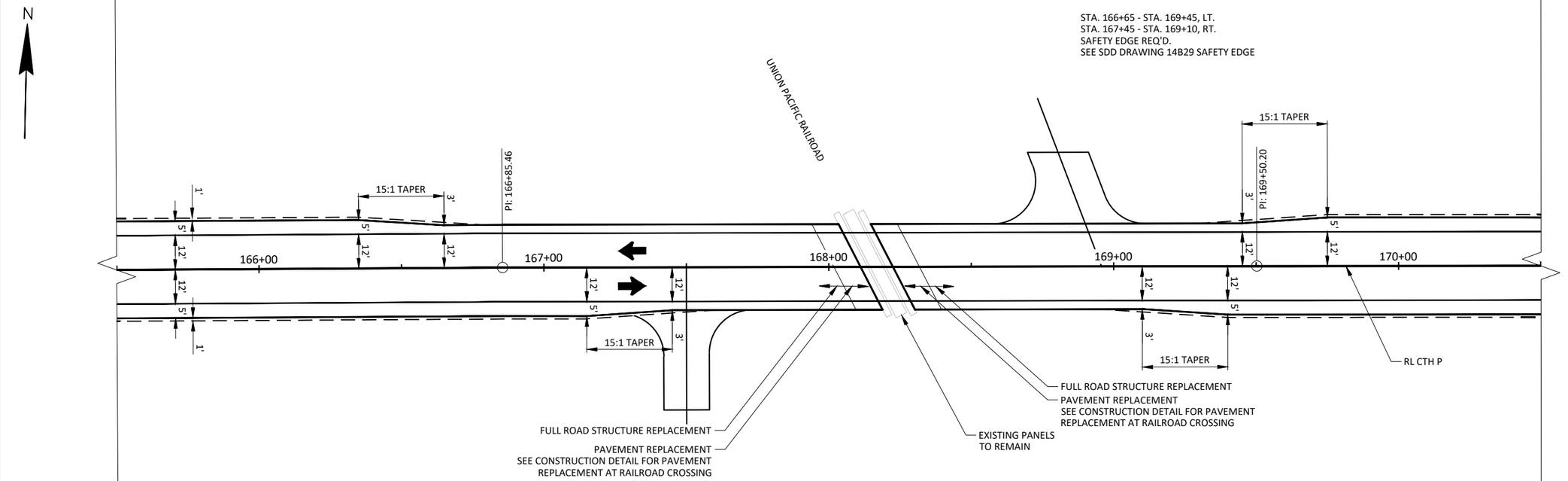
- DIRECTION OF TRAVEL
- DIRECTION OF FLOW
- XXXXXXXX SAWCUT REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 25	E

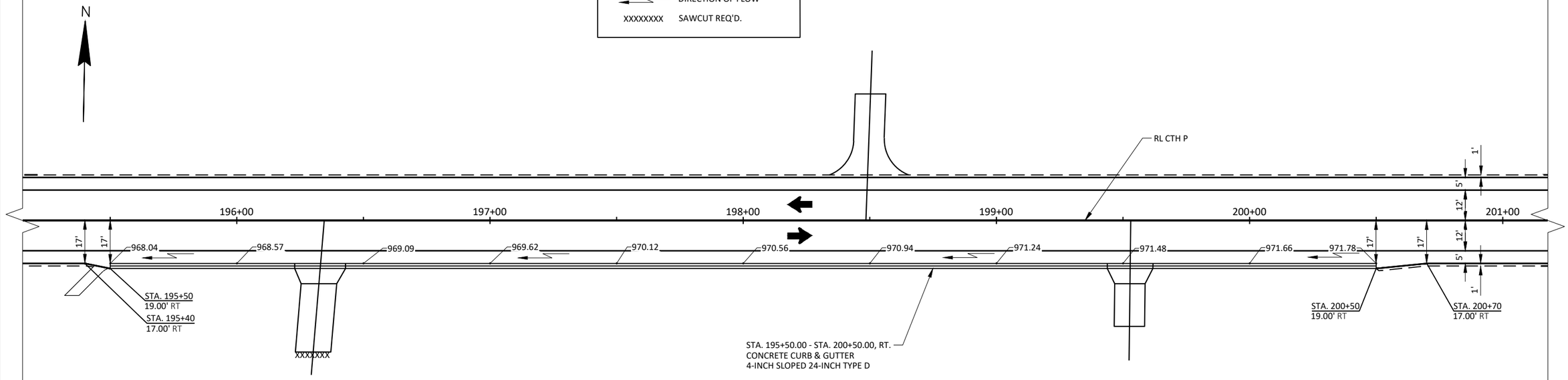
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_PLAN DETAILS.DWG
PLOT DATE : 5/18/2026 8:13:50 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:40 FT
LAYOUT : 08

2



LEGEND

- DIRECTION OF TRAVEL
- DIRECTION OF FLOW
- XXXXXXXX SAWCUT REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 26	E

2

N

STA. 206+75, LT.
ASPHALTIC FLUME REQ'D.

STA. 209+25, LT.
ASPHALTIC FLUME REQ'D.

STA. 206+75.00 - STA. 209+25.00, LT.
CONCRETE CURB & GUTTER
4-INCH SLOPED 24-INCH TYPE D

STA. 206+75
19.00' LT

STA. 206+55
17.00' LT

STA. 208+10
HIGH POINT

XXXXXX

STA. 209+25
19.00' LT

STA. 209+35
17.00' LT

1'
5'
12'
12'
5'
1'

17'
17'

975.93
976.11
976.35
976.45
976.41
976.22
976.05

206+00
207+00
208+00
209+00
210+00

17'
17'
17'
17'

976.23
976.35
976.45
976.41
976.33

STA. 207+15
17.00' RT

STA. 207+25
19.00' RT

STA. 208+10
HIGH POINT

STA. 208+75
19.00' RT

STA. 208+95
17.00' RT

RL CTH P

STA. 207+25.00 - STA. 208+75.00, RT.
CONCRETE CURB & GUTTER
4-INCH SLOPED 24-INCH TYPE D

STA. 207+25, RT.
ASPHALTIC FLUME REQ'D.

STA. 208+75, RT.
ASPHALTIC FLUME REQ'D.

LEGEND

- DIRECTION OF TRAVEL
- DIRECTION OF FLOW
- XXXXXXXX SAWCUT REQ'D.

RL CTH P

XXXXXXXX

RL STA. 224+54.52 (CTH P) =
RL STA. 224'D'+54.52 (JONES RD)
TYPE C INTERSECTION REQ'D.

1'
5'
12'
12'
5'
1'

222+00
223+00
224+00
225+00
226+00
227+00

89°45'28"

17'
18'
18'
17'

15:1
15:1

1'
3'
120'
1'

STA. 223+64
17.00' RT

STA. 223+79
18.00' RT

STA. 225+19
17.00' RT

STA. 225+09
18.00' RT

N

R=60'
R=40'

224'D'+00

15'
3'

STA. 223'D'+96.75
55.0' RT

Y = 396,441.65
X = 653,754.46

STA. 223'D'+76.21
75.0' LT

Y = 396,419.30
X = 653,624.76

STA. 223+79.19
78.0' RT

3'
15'

STA. 224+69
57.83' RT

STA. 224+39
78.25' RT

10:1

15:1

STA. 225+09.28
58.0' RT

MAINLINE PAVEMENT
STRUCTURE
SIDEROAD PAVEMENT
STRUCTURE

RL JONES RD
('D' LINE)

3'
11'
11'
3'

XXXXXXXXXX

STA. 223'D'+36
11.00' LT

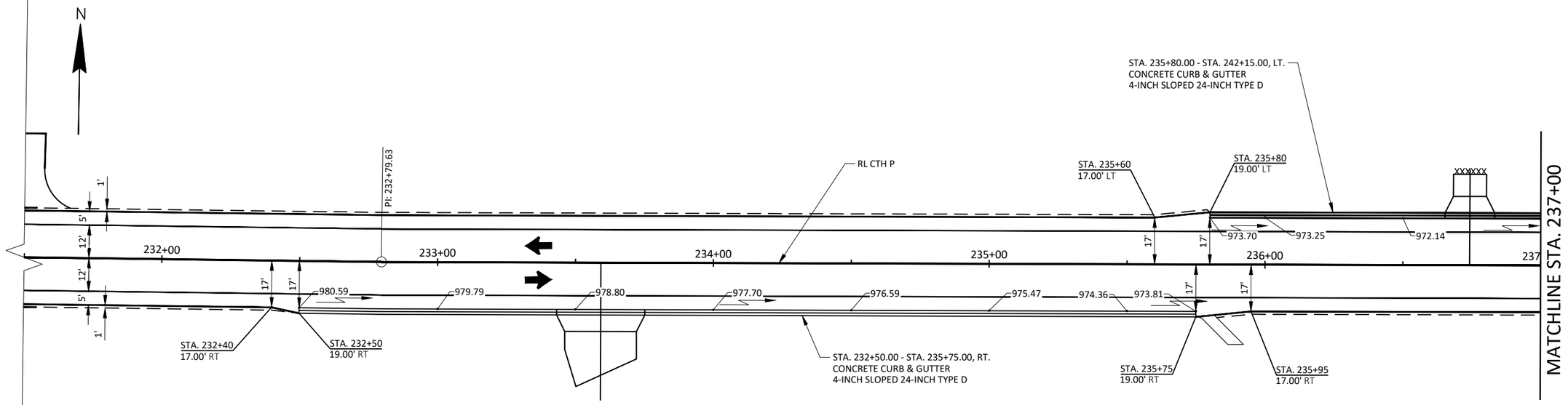
STA. 223'D'+36
11.00' RT

223'D'+00

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 27	E

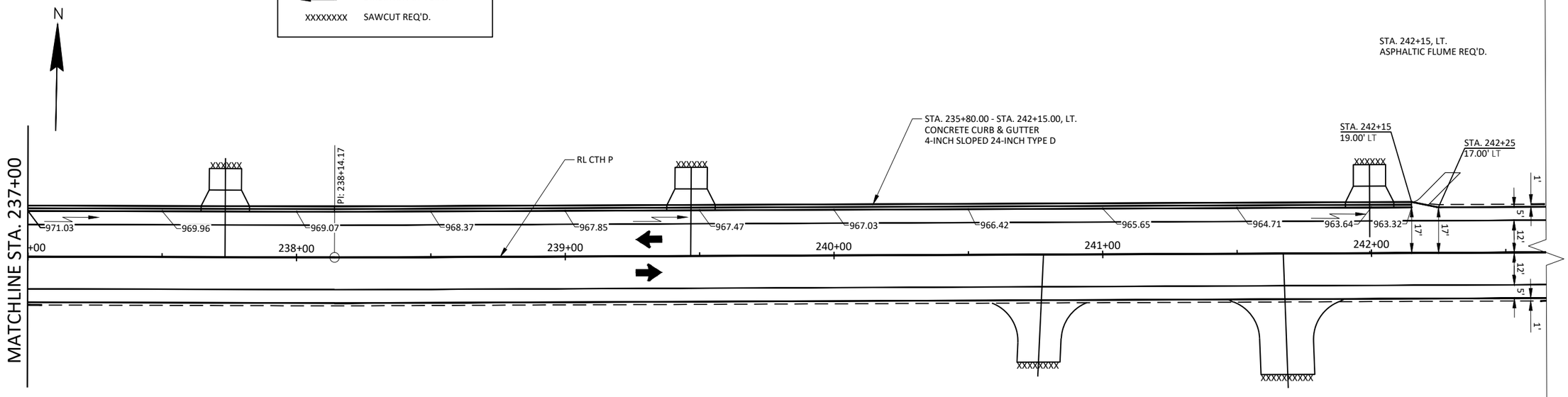
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_PLAN DETAILS.DWG
PLOT DATE : 5/18/2026 8:13:55 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:40 FT
LAYOUT : 10

2



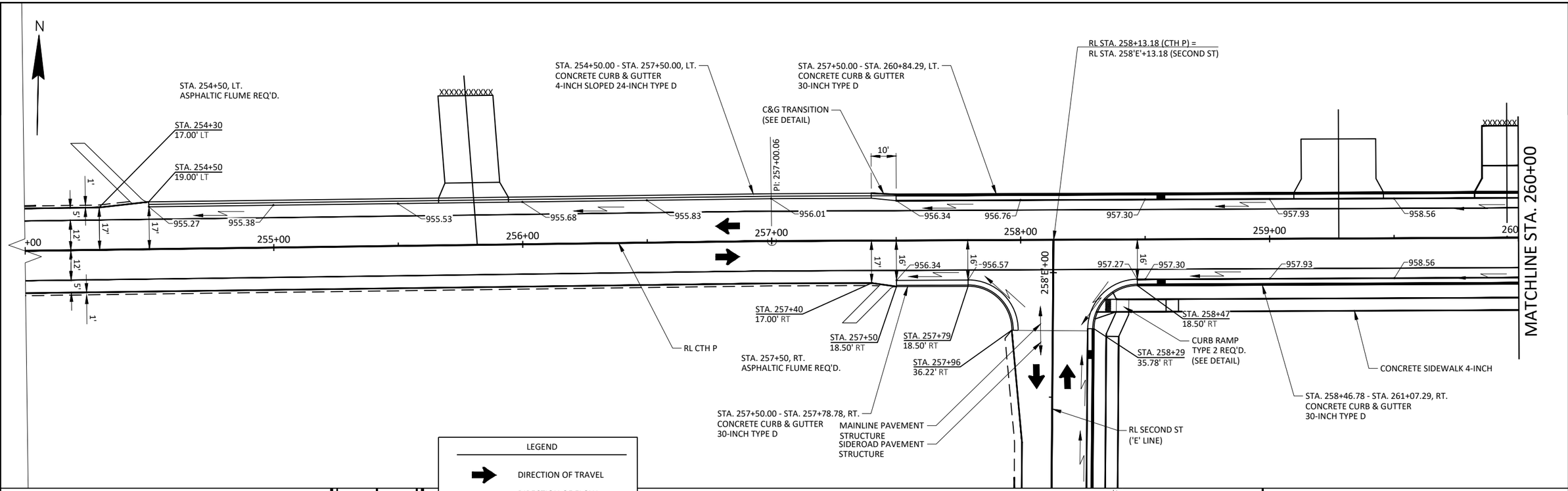
LEGEND

- DIRECTION OF TRAVEL
- DIRECTION OF FLOW
- XXXXXXXX SAWCUT REQ'D.



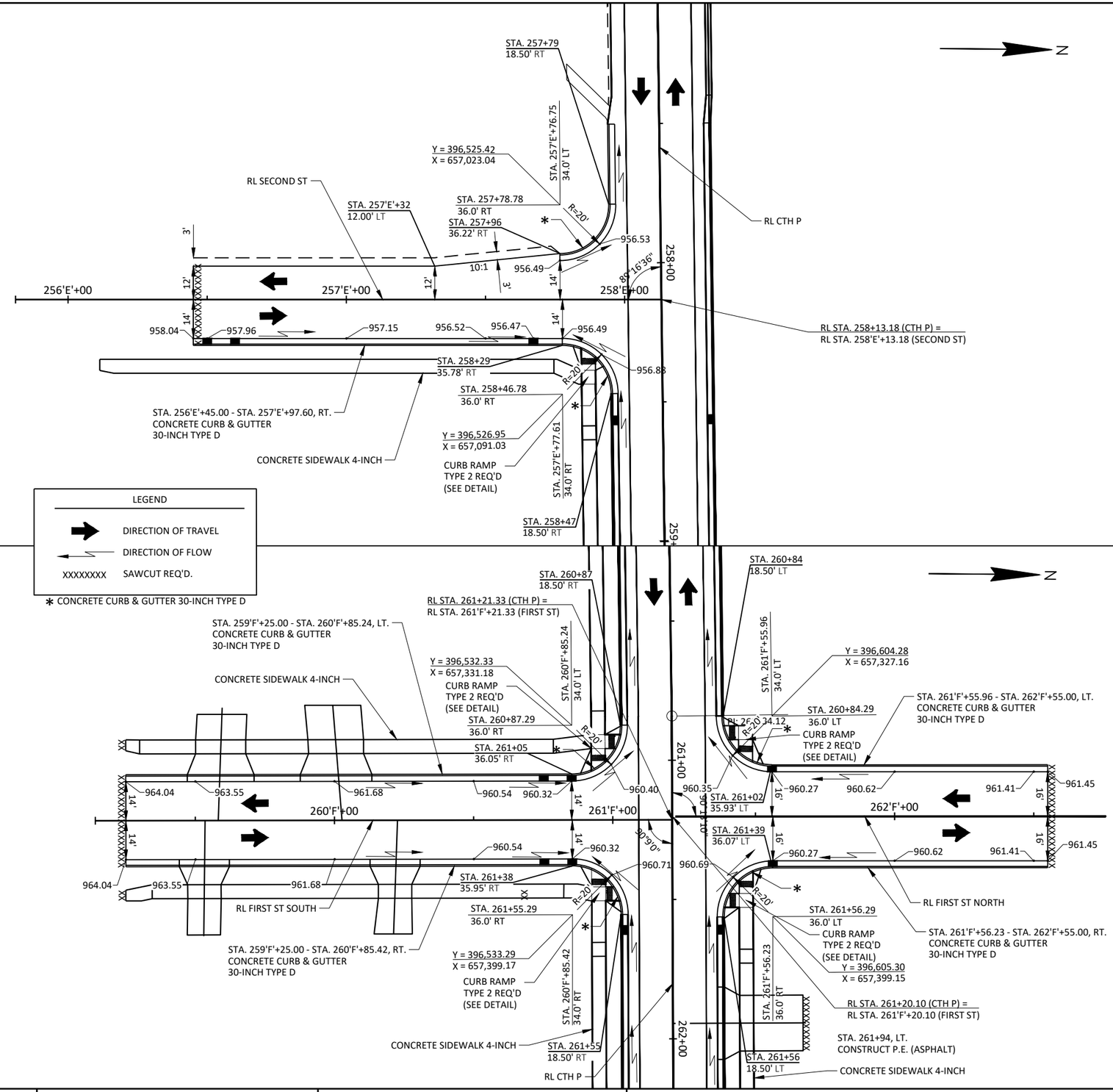
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 28	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_PLAN DETAILS.DWG PLOT DATE : 5/18/2026 8:13:57 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:40 FT LAYOUT : 11



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 29	E

2



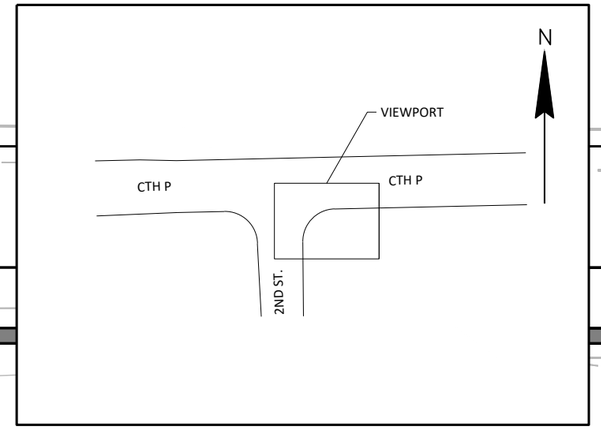
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PAVEMENT LAYOUT & INTERSECTION DETAILS	SHEET 30	E

2

N

STA. 258+36, RT.
(CURB RAMP TYPE 2 REQ'D.)

CTH P



EXISTING C/L 2ND ST

FINISHED R/L 2ND ST

CHARTER

CONCRETE SIDEWALK 4-INCH

BRIGHTSPEED

CONCRETE CURB & GUTTER 30-INCH TYPE D

ALLIANT ENERGY - ELECTRIC & CHARTER

VILLAGE OF RANDOLPH

2ND ST

957.36 (19)
956.78 (18)
956.92 (17)
957.08 (16)
957.16 (15)
958.05 (14)
958.11 (13)
958.18 (12)
958.12 (11)
957.06 (10)
957.07 (9)
956.98 (5)
956.82 (4)
956.68 (3)
956.61 (2)
957.03 (1)
957.09 (6)
957.10 (7)
957.18 (8)

14.4%
7.0%
6.0%
1.5%
1.2%
2.4%
2.2%
2.8%
2.0%
2.1%
13.8%
1.1%
5'-0"
15'-0"
7.1%
1'-2"
9'-8"
1'-1"

FLANGE R = 20.0'
BOC R = 17.5'
STA. = 258+46.78, 36.00' RT
Y = 396,526.95
X = 657,091.03

R/W
TLE
SLOPE INTERCEPTS

2nd ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	258+29.78	31.84' RT	957.03	396530.73	657073.95
2	258+30.74	29.00' RT	956.61	396533.59	657074.84
3	258+34.05	29.00' RT	956.68	396533.66	657078.14
4	258+36.05	29.00' RT	956.82	396533.71	657080.14
5	258+38.29	29.00' RT	956.98	396533.76	657082.39
6	258+34.26	37.77' RT	957.09	396524.90	657078.55
7	258+34.25	38.83' RT	957.10	396523.84	657078.56
8	258+39.25	38.89' RT	957.18	396523.89	657083.56
9	258+43.28	30.12' RT	957.07	396532.75	657087.40
10	258+43.29	29.00' RT	957.06	396533.87	657087.39
11	258+58.29	29.00' RT	958.12	396534.21	657102.38
12	258+63.29	29.00' RT	958.18	396534.32	657107.38
13	258+63.29	24.00' RT	958.11	396539.32	657107.27
14	258+58.29	24.00' RT	958.05	396539.21	657102.27
15	258+43.36	24.00' RT	957.16	396538.87	657087.34
16	258+38.36	24.00' RT	957.08	396538.76	657082.34
17	258+36.05	24.00' RT	956.92	396538.71	657080.03
18	258+34.05	24.00' RT	956.78	396538.66	657078.03
19	258+37.10	21.42' RT	957.36	396541.31	657081.03

LEGEND

- XXXXXXX — SAWING ASPHALT / SAWING CONCRETE
- CURB RAMP DETECTABLE WARNING FIELD YELLOW
- DIRECTION OF FLOW
- CURB HEAD HEIGHT TAPER
- GRASS FLARE / TERRACE
- CONCRETE FLARE / TERRACE
- LANDING

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CURB RAMP DETAILS	SHEET 31	E

N

CTH P

CAUTION

ALLIANT ENERGY - GAS

STA. 260+98, RT.
(CURB RAMP TYPE 2 REQ'D.)

CONCRETE CURB & GUTTER 30-INCH TYPE D

VILLAGE OF RANDOLPH

CONCRETE SIDEWALK 4-INCH

BRIGHTSPEED

2" CURB HEIGHT

FINISHED R/L 1ST ST

261+00

SLOPE INTERCEPTS

CHARTER

ALLIANT ENERGY - ELECTRIC & CHARTER

CHARTER

1ST ST

960.70 960.23 960.29 960.48 960.49 960.31 960.28 960.76
960.25 960.39 960.43 960.41 960.85 960.49 960.52 960.54 960.43 960.33 960.92 960.51 960.52 961.12 961.03 961.05

1st ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	261+04.50	32.82' RT	960.76	396535.75	657348.34
2	261+03.33	29.00' RT	960.28	396539.56	657347.12
3	261+00.03	29.00' RT	960.33	396539.51	657343.82
4	260+98.03	29.00' RT	960.43	396539.48	657341.82
5	260+95.65	29.00' RT	960.54	396539.45	657339.44
6	260+97.27	42.25' RT	961.03	396526.22	657341.25
7	260+97.27	42.56' RT	961.05	396525.91	657341.25
8	260+92.27	42.55' RT	961.12	396525.85	657336.25
9	260+90.65	29.30' RT	960.52	396539.08	657334.44
10	260+90.65	29.00' RT	960.51	396539.38	657334.44
11	260+81.95	29.00' RT	960.92	396539.24	657325.98
12	260+81.95	24.00' RT	960.85	396544.24	657325.87
13	260+90.67	24.00' RT	960.49	396544.38	657334.38
14	260+95.67	24.00' RT	960.52	396544.45	657339.38
15	260+98.03	24.00' RT	960.41	396544.48	657341.75
16	261+00.03	24.00' RT	960.31	396544.51	657343.75
17	260+98.38	22.46' RT	960.49	396546.03	657342.07
18	260+97.98	22.15' RT	960.48	396546.33	657341.68
19	260+95.67	20.64' RT	960.29	396547.81	657339.34
20	260+95.67	22.64' RT	960.43	396545.81	657339.37
21	260+90.67	22.63' RT	960.39	396545.75	657334.37
22	260+90.67	20.63' RT	960.25	396547.75	657334.34
23	260+90.68	18.83' RT	960.23	396549.55	657334.32
24	260+87.70	18.50' RT	960.70	396549.83	657331.34

R/W

TLE

FLANGE R = 20.0' *
BOC R = 17.5'
STA. = 260+87.29, 36.00' RT
Y = 396,532.33
X = 657,331.18

N
1ST ST.
CTH P
CTH P
1ST ST.
VIEWPORT

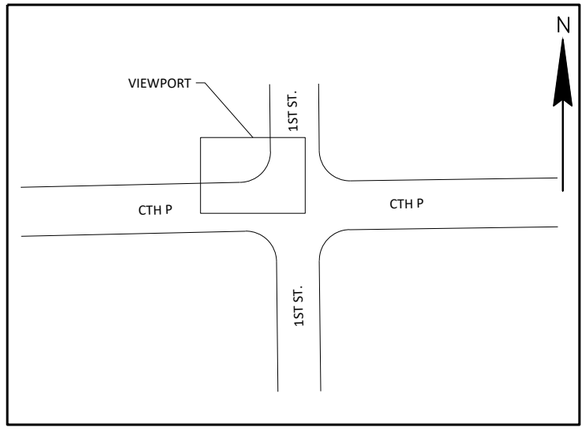
LEGEND

XXXXXXX	SAWING ASPHALT / SAWING CONCRETE
	CURB RAMP DETECTABLE WARNING FIELD YELLOW
	DIRECTION OF FLOW
	CURB HEAD HEIGHT TAPER
	GRASS FLARE / TERRACE
	CONCRETE FLARE / TERRACE
	LANDING

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CURB RAMP DETAILS	SHEET 32	E

2

1st ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	261+01.50	32.82' LT	960.71	396601.35	657344.41
2	261+00.33	29.00' LT	960.23	396597.51	657343.30
3	260+97.03	29.00' LT	960.28	396597.46	657340.00
4	260+95.03	29.00' LT	960.38	396597.43	657338.00
5	260+92.71	29.00' LT	960.49	396597.40	657335.68
6	260+87.71	29.00' LT	960.47	396597.33	657330.68
7	260+87.69	24.00' LT	960.45	396592.33	657330.73
8	260+92.69	24.00' LT	960.48	396592.40	657335.73
9	260+95.03	24.00' LT	960.36	396592.43	657338.07
10	260+97.03	24.00' LT	960.26	396592.46	657340.07
11	260+95.18	22.30' LT	960.44	396590.74	657338.24
12	260+94.78	22.00' LT	960.43	396590.43	657337.85
13	260+92.67	20.64' LT	960.24	396589.04	657335.76
14	260+92.68	22.64' LT	960.38	396591.04	657335.74
15	260+87.68	22.66' LT	960.36	396590.99	657330.74
16	260+87.67	20.66' LT	960.22	396588.99	657330.76
17	260+87.67	18.83' LT	960.19	396587.16	657330.78
18	260+84.68	18.50' LT	960.66	396586.79	657327.80



LEGEND

- XXXXXXX SAWING ASPHALT / SAWING CONCRETE
- CURB RAMP DETECTABLE WARNING FIELD YELLOW
- DIRECTION OF FLOW
- CURB HEAD HEIGHT TAPER
- GRASS FLARE / TERRACE
- CONCRETE FLARE / TERRACE
- LANDING

TLE

FLANGE R = 20.0' *
BOC R = 17.5'
STA. = 260+84.29, 36.00' LT
Y = 396,604.28
X = 657,327.16

ALLIANT ENERGY - GAS

VILLAGE OF RANDOLPH

CAUTION

R/W

CONCRETE SIDEWALK 4-INCH

SLOPE INTERCEPTS

R/W

960.71 960.38 960.28 960.23 960.49 960.47 960.48 960.36 960.26 960.44 960.43 960.24 960.22 960.38 960.45 960.36 960.19 960.66

2.0% 4.9% 1.5% 0.5% 5'-0" 0.3% 0.6% 3.3% 1.0% 7.0% 1.6% 1.5% 1.0% 15.7% 3.5% 1.2%

EXISTING C/L 1ST ST

1ST ST

2" CURB HEIGHT

BRIGHTSPEED

CONCRETE CURB & GUTTER 30-INCH TYPE D

STA. 260+95, LT.
(CURB RAMP TYPE 2 REQ'D.)

CTH P

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CURB RAMP DETAILS	SHEET 33	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_CURB RAMP DETAILS.DWG
PLOT DATE : 4/22/2026 1:01:45 PM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:5 FT
LAYOUT : 1ST ST NW

2

N

STA. 261+44, RT.

(CURB RAMP TYPE 2 REQ'D.)

REASON FOR MEF: EXCEEDS PROWAG R407.3

CTH P

2

VILLAGE OF RANDOLPH

2" CURB HEIGHT

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE SIDEWALK 4-INCH

BRIGHTSPEED

ALLIANT ENERGY - ELECTRIC & CHARTER

CHARTER

1ST ST

R/W

TLE

FLANGE R = 20.0' *
BOC R = 17.5'
STA. = 261+55.29, 36.00' RT
Y = 396,533.29
X = 657,399.17

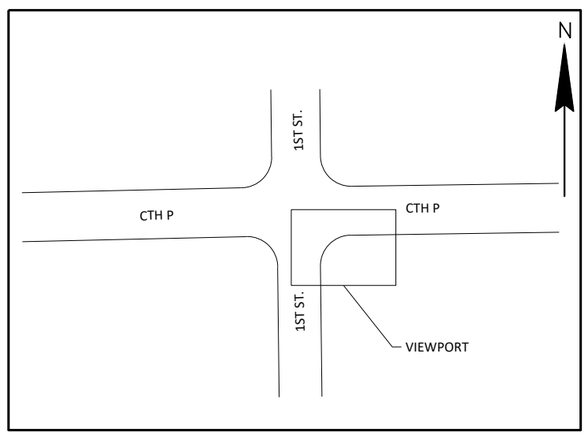
SLOPE INTERCEPTS

960.87 960.72 960.85 960.61 960.75 960.44 960.83 960.51 960.65 960.71 960.86 960.97 961.00 961.08 960.79 960.81 960.84 960.91 960.93 960.83 960.84 961.49 961.85 961.91 961.93 961.99

1.2% 4.7% 2.8% 1.5% 15.3% 9.9% 3.8% 2.4% (MEF) 7.0% 2.0% 5'-0" 6.2% 1.2% 1.5% 5'-0" 15'-0" 7.3% 2.5% 6" 2.4% 2.2% 2.1% 9.7% 2.9% 5'-1" 4'-7" 1.5%

LEGEND

XXXXXXX	SAWING ASPHALT / SAWING CONCRETE
	CURB RAMP DETECTABLE WARNING FIELD YELLOW
	DIRECTION OF FLOW
	CURB HEAD HEIGHT TAPER
	GRASS FLARE / TERRACE
	CONCRETE FLARE / TERRACE
	LANDING



1st ST SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	261+38.08	32.82' RT	960.83	396536.22	657381.92
2	261+39.25	29.00' RT	960.44	396540.06	657383.04
3	261+42.55	29.00' RT	960.51	396540.11	657386.34
4	261+44.55	29.00' RT	960.65	396540.14	657388.34
5	261+45.31	29.00' RT	960.71	396540.15	657389.09
6	261+44.30	34.00' RT	960.86	396535.14	657388.15
7	261+44.28	38.99' RT	961.00	396530.15	657388.21
8	261+49.28	39.06' RT	961.08	396530.15	657393.21
9	261+49.29	34.51' RT	960.97	396534.70	657393.16
10	261+50.31	29.51' RT	960.84	396539.71	657394.10
11	261+50.31	29.00' RT	960.83	396540.22	657394.09
12	261+65.29	29.00' RT	961.93	396540.43	657409.07
13	261+70.29	29.00' RT	961.99	396540.50	657414.07
14	261+70.29	24.00' RT	961.91	396545.50	657414.00
15	261+65.29	24.00' RT	961.85	396545.43	657409.00
16	261+50.32	24.00' RT	960.93	396545.22	657394.03
17	261+45.32	24.00' RT	960.81	396545.15	657389.03
18	261+44.55	24.00' RT	960.75	396545.14	657388.27
19	261+42.55	24.00' RT	960.61	396545.11	657386.27
20	261+44.28	22.40' RT	960.85	396546.73	657387.97
21	261+45.33	21.61' RT	960.72	396547.54	657389.01
22	261+45.32	23.61' RT	960.79	396545.54	657389.03
23	261+50.32	23.63' RT	960.91	396545.59	657394.03
24	261+50.33	21.63' RT	960.84	396547.59	657394.01
25	261+50.33	19.22' RT	960.87	396550.00	657393.98
26	261+54.28	18.53' RT	961.49	396550.75	657397.91

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CURB RAMP DETAILS	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_CURB RAMP DETAILS.DWG PLOT DATE : 4/22/2026 1:01:50 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:5 FT LAYOUT : 1ST ST SE

N

ALLIANT ENERGY - ELECTRIC & CHARTER

SLOPE INTERCEPTS

CONCRETE CURB & GUTTER 30-INCH TYPE D

2" CURB HEIGHT

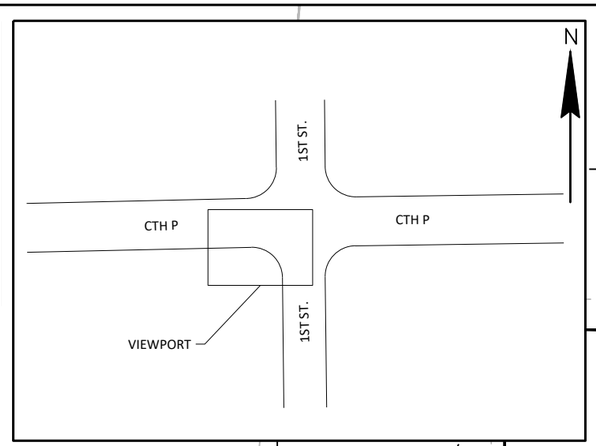
R/W

TLE

FLANGE R = 20.0' *
BOC R = 17.5'
STA. = 261+56.29, 36.00' LT
Y = 396,605.30
X = 657,399.15

LEGEND

XXXXXXX	SAWING ASPHALT / SAWING CONCRETE
	CURB RAMP DETECTABLE WARNING FIELD YELLOW
	DIRECTION OF FLOW
	CURB HEAD HEIGHT TAPER
	GRASS FLARE / TERRACE
	CONCRETE FLARE / TERRACE
	LANDING



1st ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	261+39.29	31.84' LT	960.82	396600.90	657382.22
2	261+40.25	29.00' LT	960.41	396598.07	657383.22
3	261+43.55	29.00' LT	960.46	396598.12	657386.52
4	261+45.55	29.00' LT	960.60	396598.15	657388.52
5	261+47.94	29.00' LT	960.77	396598.18	657390.90
6	261+52.94	29.00' LT	960.90	396598.25	657395.90
7	261+67.94	29.00' LT	961.96	396598.46	657410.90
8	261+72.94	29.00' LT	962.02	396598.53	657415.90
9	261+72.94	24.00' LT	961.94	396593.53	657415.97
10	261+67.94	24.00' LT	961.88	396593.46	657410.97
11	261+52.92	24.00' LT	961.04	396593.25	657395.95
12	261+47.92	24.00' LT	960.90	396593.18	657390.95
13	261+45.55	24.00' LT	960.73	396593.15	657388.59
14	261+43.55	24.00' LT	960.59	396593.12	657386.59
15	261+45.40	22.30' LT	960.84	396591.45	657388.46
16	261+45.80	22.00' LT	960.85	396591.15	657388.86
17	261+47.91	20.64' LT	960.76	396589.82	657390.99
18	261+47.91	22.64' LT	960.84	396591.82	657390.97
19	261+52.91	22.62' LT	960.98	396591.87	657395.97
20	261+52.91	20.62' LT	960.90	396589.87	657395.99
21	261+52.90	18.83' LT	960.92	396588.08	657396.01
22	261+56.89	18.50' LT	961.53	396587.81	657400.00

960.82 960.41 960.46 960.60 960.77 960.90 961.96 962.02 961.94 961.88 961.04 960.98 960.90 960.92 961.53 960.59 960.73 960.84 960.84 960.85 960.76

1.5% 7.0% 7.0% 2.7% (MEF) 5'-0" 7.0% 15'-0" 1.2% 5'-0" 5.7% 1.2% 4.1% 15.3% 4.7% 1.2% 2.1% 3.0% 2.7% 1.5%

1ST ST

CONCRETE SIDEWALK 4-INCH

BRIGHTSPEED

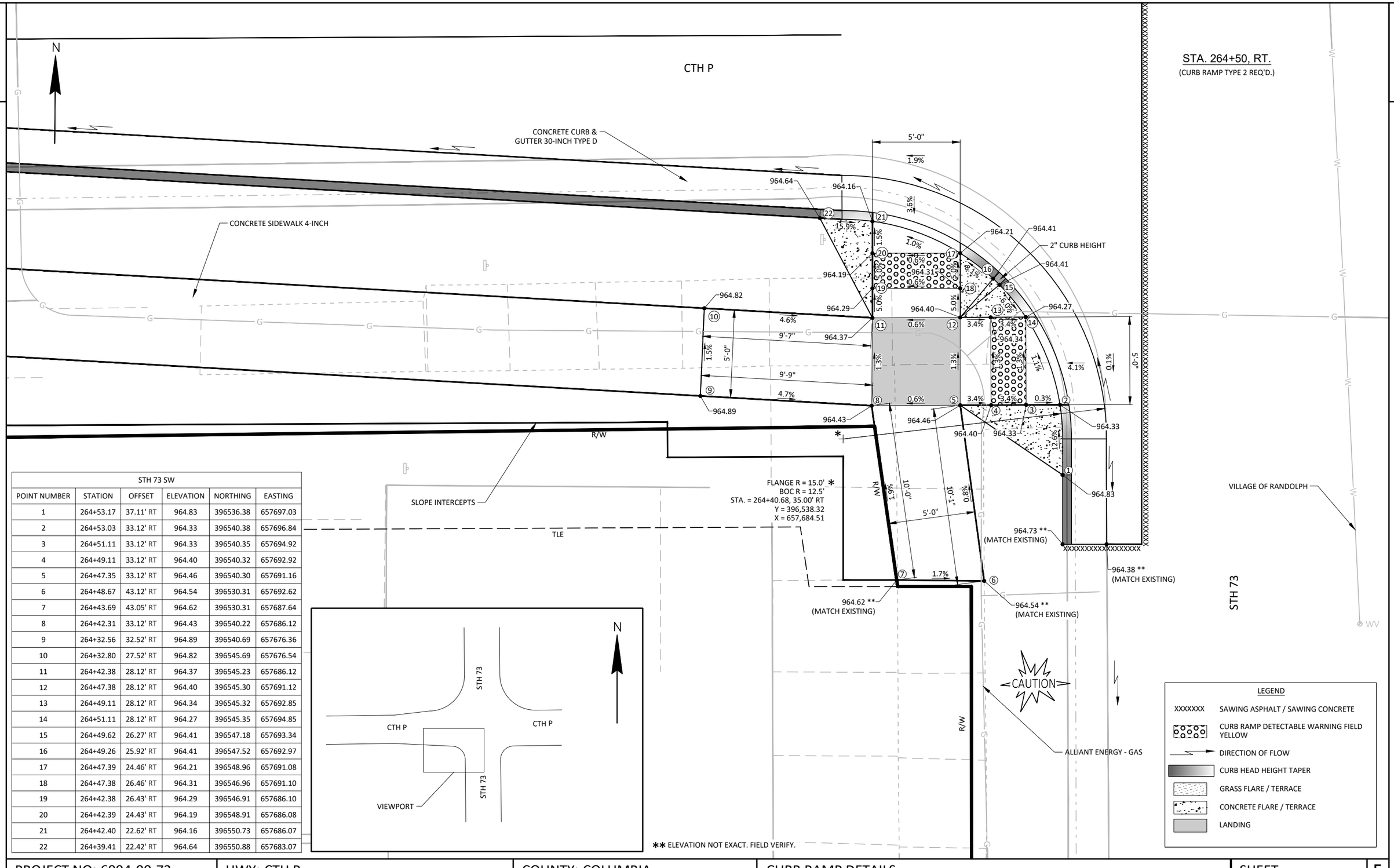
STA. 261+46, LT.
(CURB RAMP TYPE 2 REQ'D.)
REASON FOR MEF: EXCEEDS PROWAG R407.3

VILLAGE OF RANDOLPH

CTH P

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CURB RAMP DETAILS	SHEET 35	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\W11697_CURB RAMP DETAILS.DWG PLOT DATE : 4/22/2026 1:01:56 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:5 FT LAYOUT : 1ST ST NE



STH 73 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	264+53.17	37.11' RT	964.83	396536.38	657697.03
2	264+53.03	33.12' RT	964.33	396540.38	657696.84
3	264+51.11	33.12' RT	964.33	396540.35	657694.92
4	264+49.11	33.12' RT	964.40	396540.32	657692.92
5	264+47.35	33.12' RT	964.46	396540.30	657691.16
6	264+48.67	43.12' RT	964.54	396530.31	657692.62
7	264+43.69	43.05' RT	964.62	396530.31	657687.64
8	264+42.31	33.12' RT	964.43	396540.22	657686.12
9	264+32.56	32.52' RT	964.89	396540.69	657676.36
10	264+32.80	27.52' RT	964.82	396545.69	657676.54
11	264+42.38	28.12' RT	964.37	396545.23	657686.12
12	264+47.38	28.12' RT	964.40	396545.30	657691.12
13	264+49.11	28.12' RT	964.34	396545.32	657692.85
14	264+51.11	28.12' RT	964.27	396545.35	657694.85
15	264+49.62	26.27' RT	964.41	396547.18	657693.34
16	264+49.26	25.92' RT	964.41	396547.52	657692.97
17	264+47.39	24.46' RT	964.21	396548.96	657691.08
18	264+47.38	26.46' RT	964.31	396546.96	657691.10
19	264+42.38	26.43' RT	964.29	396546.91	657686.10
20	264+42.39	24.43' RT	964.19	396548.91	657686.08
21	264+42.40	22.62' RT	964.16	396550.73	657686.07
22	264+39.41	22.42' RT	964.64	396550.88	657683.07

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CURB RAMP DETAILS	SHEET 36	E

STH 73 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	264+50.03	43.95' LT	965.37	396617.39	657692.75
2	264+48.13	40.43' LT	964.78	396613.85	657690.90
3	264+44.47	40.43' LT	964.76	396613.80	657687.24
4	264+42.47	40.43' LT	964.85	396613.77	657685.24
5	264+40.62	40.43' LT	964.92	396613.74	657683.39
6	264+46.55	53.10' LT	965.78	396626.49	657689.14
7	264+48.67	57.62' LT	965.83	396631.05	657691.20
8	264+49.13	58.62' LT	965.83	396632.05	657691.65
9	264+49.14	59.72' LT	965.83	396633.15	657691.64
10	264+44.14	59.74' LT	965.93	396633.10	657686.64
11	264+42.02	55.21' LT	965.85	396628.54	657684.58
12	264+36.09	42.55' LT	964.87	396615.80	657678.83
13	264+33.06	39.74' LT	964.82	396612.95	657675.84
14	264+14.78	29.00' LT	964.62	396601.95	657657.72
15	264+14.78	24.00' LT	964.54	396596.95	657657.79
16	264+16.14	24.00' LT	964.56	396596.97	657659.15
17	264+35.59	35.43' LT	964.74	396608.67	657678.44
18	264+40.59	35.43' LT	964.82	396608.74	657683.43
19	264+42.47	35.43' LT	964.74	396608.77	657685.31
20	264+44.47	35.43' LT	964.66	396608.80	657687.31
21	264+42.77	33.60' LT	964.77	396606.94	657685.64
22	264+42.41	33.24' LT	964.76	396606.58	657685.29
23	264+40.57	31.55' LT	964.55	396604.87	657683.47
24	264+40.58	33.55' LT	964.69	396606.87	657683.45
25	264+35.58	33.58' LT	964.61	396606.82	657678.45
26	264+35.57	31.58' LT	964.47	396604.82	657678.47
27	264+35.55	27.92' LT	964.42	396601.16	657678.50
28	264+32.93	26.47' LT	964.86	396599.67	657675.90

** ELEVATION NOT EXACT. FIELD VERIFY.

FLANGE R = 40.0' *
BOC R = 37.5'
STA. = 264+16.14, 60.00' LT
Y = 396,632.96
X = 657,658.64

BRIGHTSPEED

CAUTION

ALLIANT ENERGY - GAS

R/W

SLOPE INTERCEPTS

CONCRETE SIDEWALK 4-INCH

(MEF)

CONCRETE CURB & GUTTER 30-INCH TYPE D

965.93 ** (MATCH EXISTING)

965.62 ** (MATCH EXISTING)

965.83 ** (MATCH EXISTING)

965.28 ** (MATCH EXISTING)

965.85

965.83

965.78

965.37

964.87

964.92

964.85

964.76

964.78

964.82

964.74

964.66

964.61

964.693

964.77

964.47

964.76

964.55

964.62

964.42

964.86

964.54

964.56

964.72

964.57

964.56

964.58

964.83

964.64

964.63

964.65

964.64

964.63

964.62

964.61

964.60

964.59

964.58

964.57

964.56

964.55

964.54

964.53

964.52

964.51

964.50

964.49

964.48

964.47

964.46

964.45

964.44

964.43

964.42

964.41

964.40

964.39

964.38

964.37

964.36

964.35

964.34

964.33

964.32

964.31

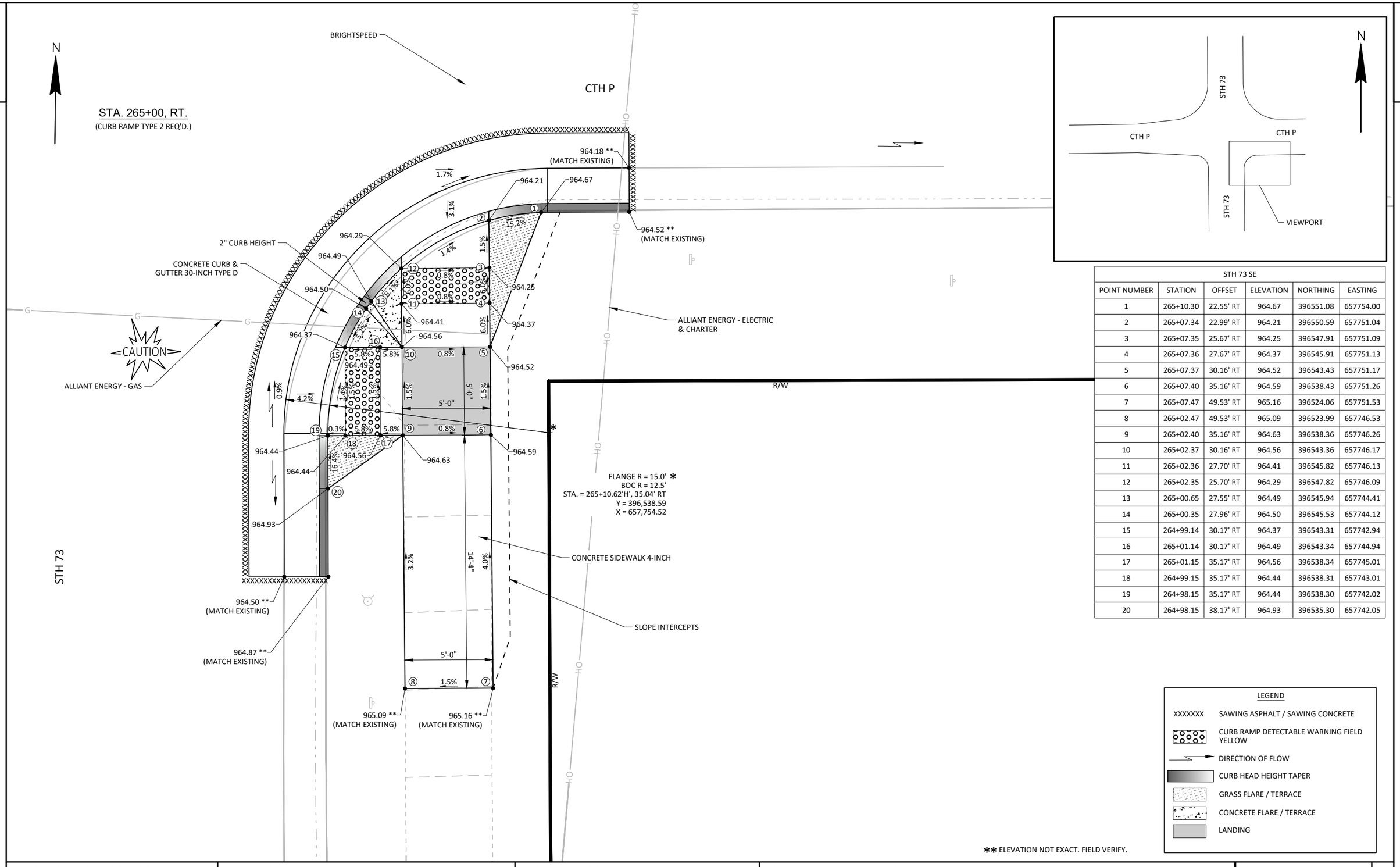
964.30

964.29

964.28

964.27

964.26



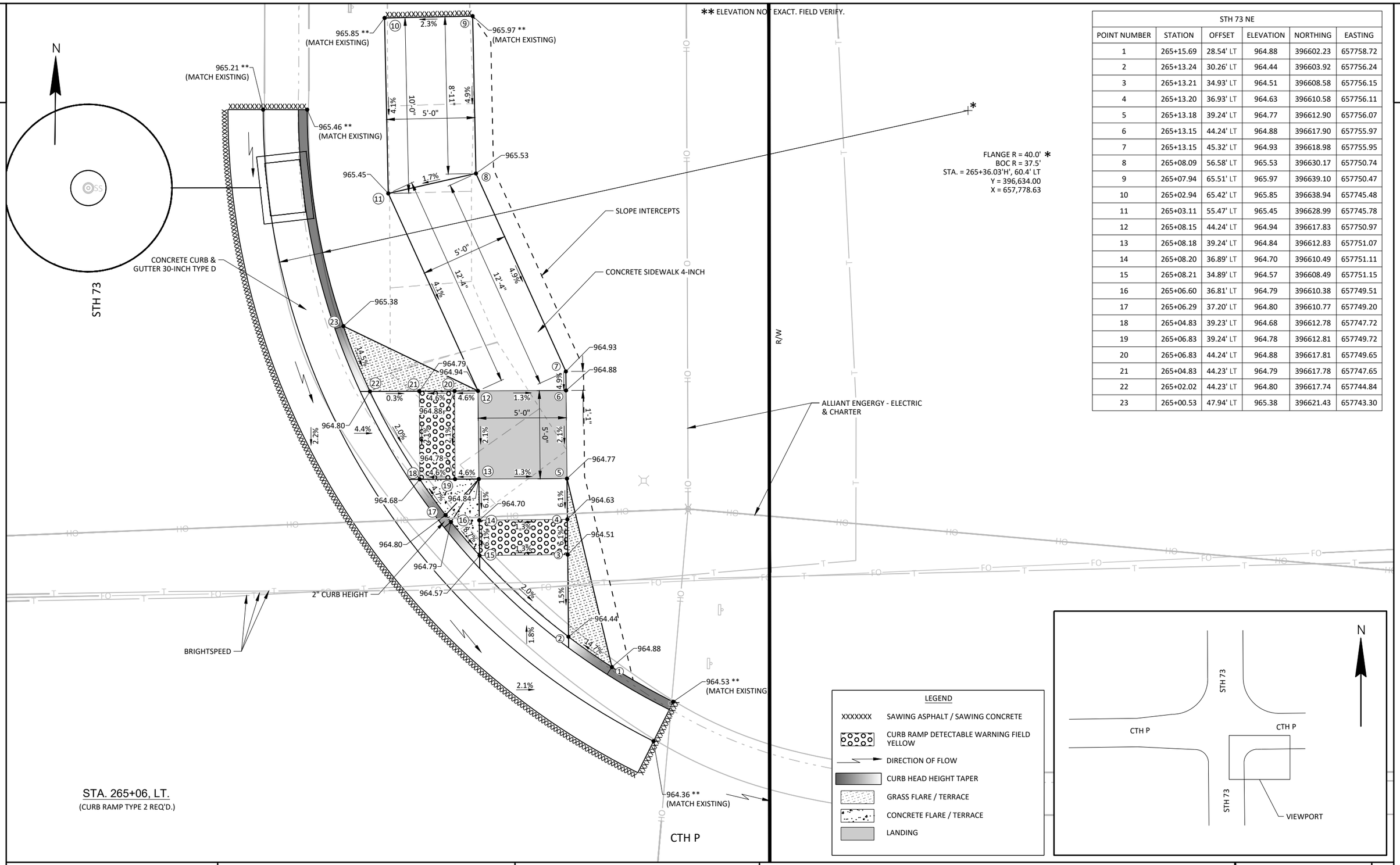
STH 73 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	265+10.30	22.55' RT	964.67	396551.08	657754.00
2	265+07.34	22.99' RT	964.21	396550.59	657751.04
3	265+07.35	25.67' RT	964.25	396547.91	657751.09
4	265+07.36	27.67' RT	964.37	396545.91	657751.13
5	265+07.37	30.16' RT	964.52	396543.43	657751.17
6	265+07.40	35.16' RT	964.59	396538.43	657751.26
7	265+07.47	49.53' RT	965.16	396524.06	657751.53
8	265+02.47	49.53' RT	965.09	396523.99	657746.53
9	265+02.40	35.16' RT	964.63	396538.36	657746.26
10	265+02.37	30.16' RT	964.56	396543.36	657746.17
11	265+02.36	27.70' RT	964.41	396545.82	657746.13
12	265+02.35	25.70' RT	964.29	396547.82	657746.09
13	265+00.65	27.55' RT	964.49	396545.94	657744.41
14	265+00.35	27.96' RT	964.50	396545.53	657744.12
15	264+99.14	30.17' RT	964.37	396543.31	657742.94
16	265+01.14	30.17' RT	964.49	396543.34	657744.94
17	265+01.15	35.17' RT	964.56	396538.34	657745.01
18	264+99.15	35.17' RT	964.44	396538.31	657743.01
19	264+98.15	35.17' RT	964.44	396538.30	657742.02
20	264+98.15	38.17' RT	964.93	396535.30	657742.05

LEGEND

- XXXXXXX SAWING ASPHALT / SAWING CONCRETE
- CURB RAMP DETECTABLE WARNING FIELD YELLOW
- DIRECTION OF FLOW
- CURB HEAD HEIGHT TAPER
- GRASS FLARE / TERRACE
- CONCRETE FLARE / TERRACE
- LANDING

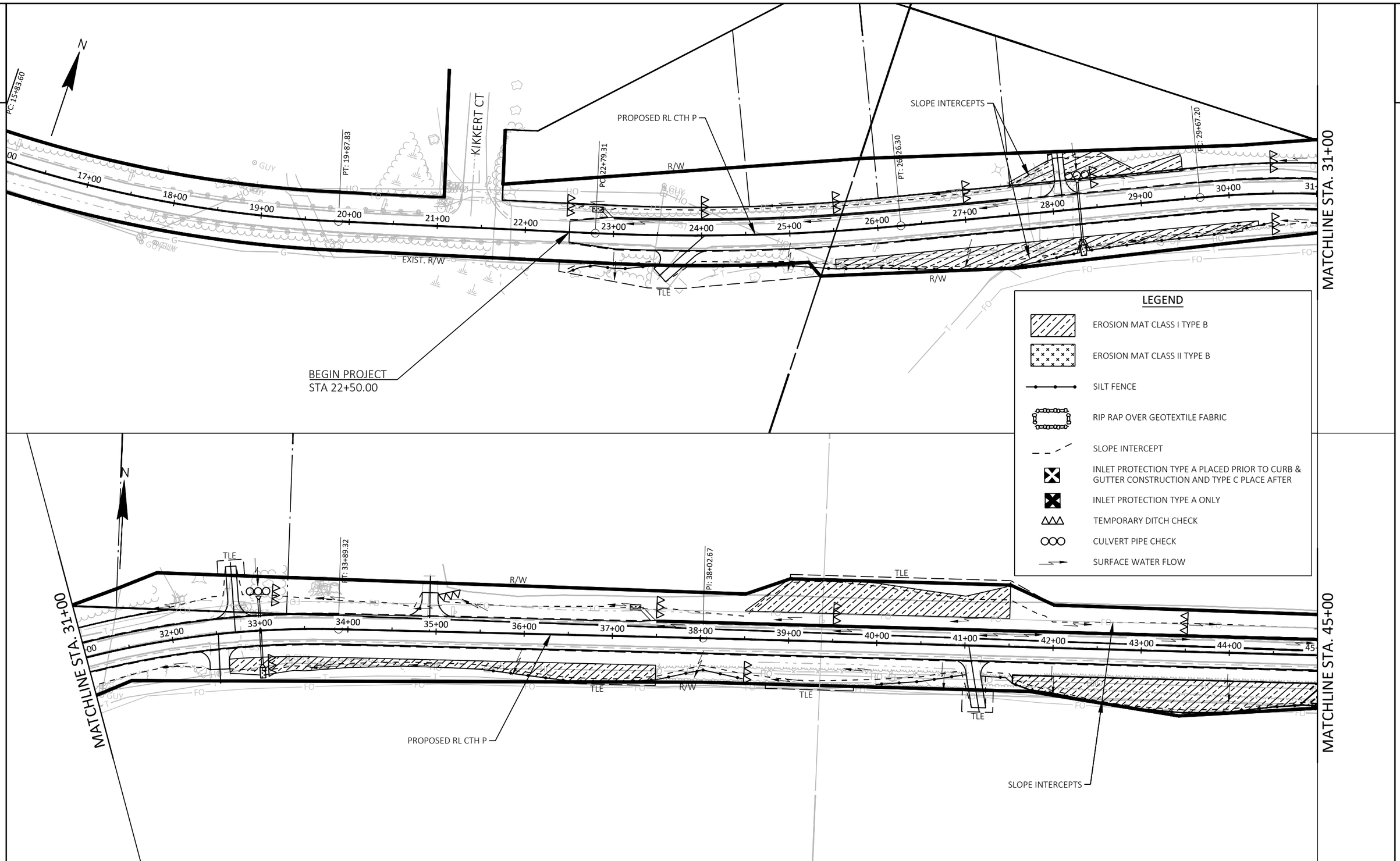
** ELEVATION NOT EXACT. FIELD VERIFY.

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CURB RAMP DETAILS	SHEET 38	E

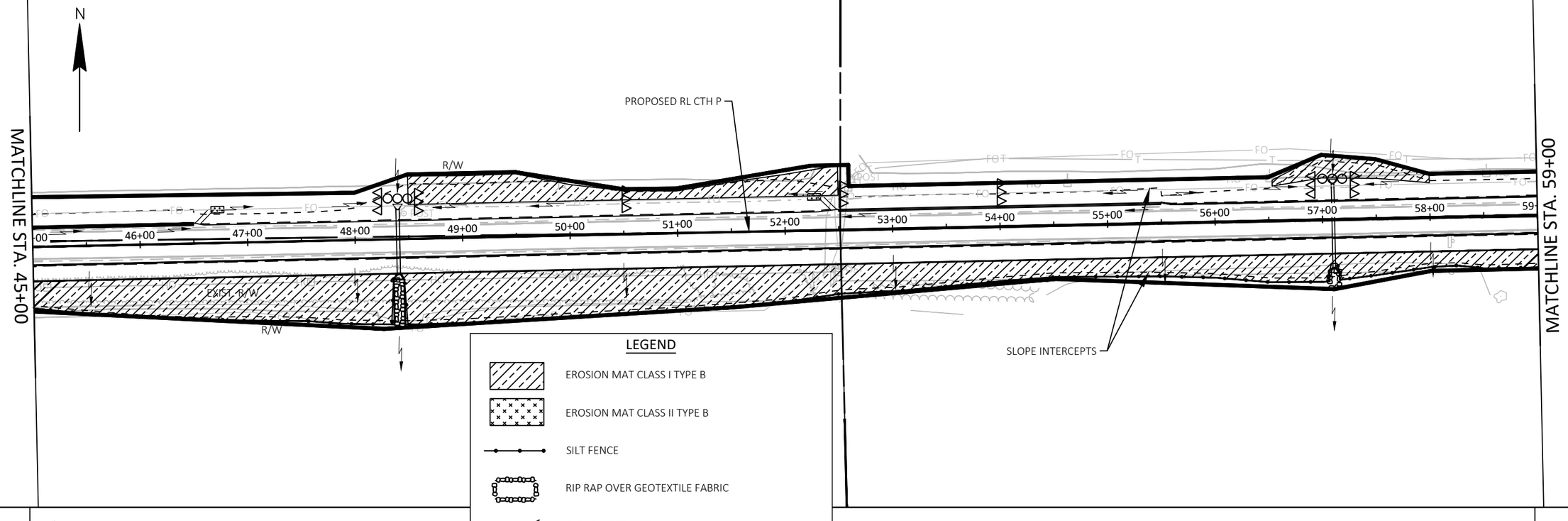


STH 73 NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	265+15.69	28.54' LT	964.88	396602.23	657758.72
2	265+13.24	30.26' LT	964.44	396603.92	657756.24
3	265+13.21	34.93' LT	964.51	396608.58	657756.15
4	265+13.20	36.93' LT	964.63	396610.58	657756.11
5	265+13.18	39.24' LT	964.77	396612.90	657756.07
6	265+13.15	44.24' LT	964.88	396617.90	657755.97
7	265+13.15	45.32' LT	964.93	396618.98	657755.95
8	265+08.09	56.58' LT	965.53	396630.17	657750.74
9	265+07.94	65.51' LT	965.97	396639.10	657750.47
10	265+02.94	65.42' LT	965.85	396638.94	657745.48
11	265+03.11	55.47' LT	965.45	396628.99	657745.78
12	265+08.15	44.24' LT	964.94	396617.83	657750.97
13	265+08.18	39.24' LT	964.84	396612.83	657751.07
14	265+08.20	36.89' LT	964.70	396610.49	657751.11
15	265+08.21	34.89' LT	964.57	396608.49	657751.15
16	265+06.60	36.81' LT	964.79	396610.38	657749.51
17	265+06.29	37.20' LT	964.80	396610.77	657749.20
18	265+04.83	39.23' LT	964.68	396612.78	657747.72
19	265+06.83	39.24' LT	964.78	396612.81	657749.72
20	265+06.83	44.24' LT	964.88	396617.81	657749.65
21	265+04.83	44.23' LT	964.79	396617.78	657747.65
22	265+02.02	44.23' LT	964.80	396617.74	657744.84
23	265+00.53	47.94' LT	965.38	396621.43	657743.30

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CURB RAMP DETAILS	SHEET 39	E



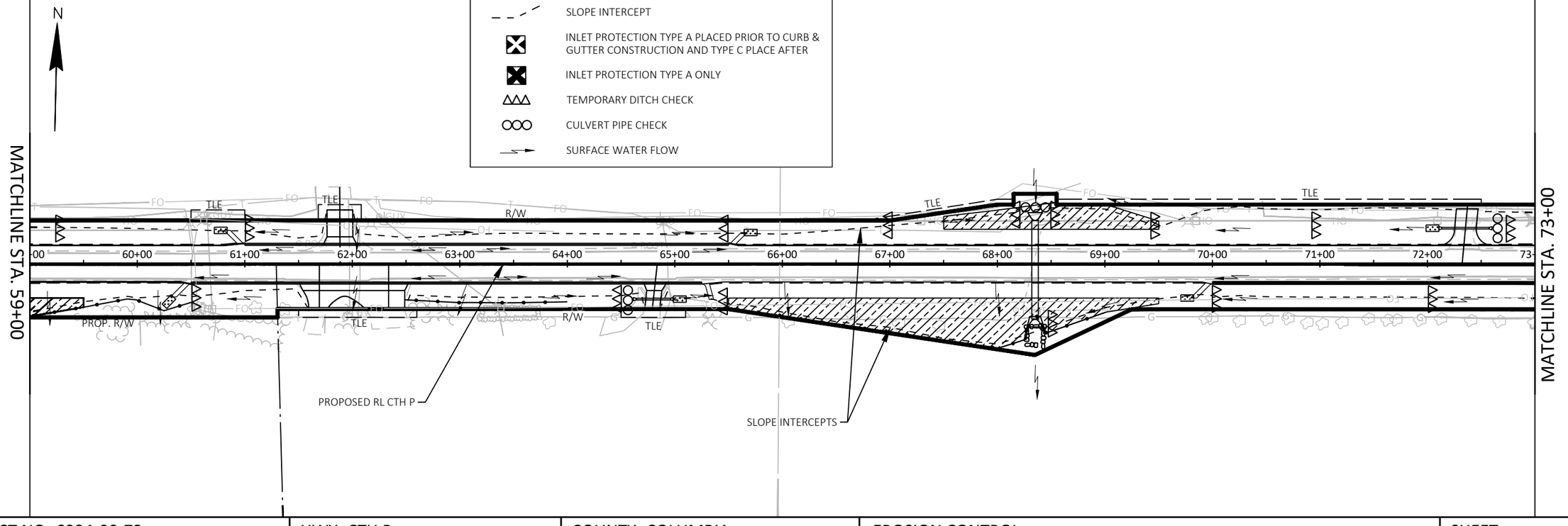
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 40	E



2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE B
- SILT FENCE
- RIP RAP OVER GEOTEXTILE FABRIC
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A PLACED PRIOR TO CURB & GUTTER CONSTRUCTION AND TYPE C PLACE AFTER
- INLET PROTECTION TYPE A ONLY
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_EROSION CONTROL.DWG PLOT DATE : 4/22/2026 1:09:09 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:100 FT LAYOUT : 02

2

N

MATCHLINE STA. 73+00

SLOPE INTERCEPTS

PROPOSED RL CTH P

WETLANDS

TLE

R/W

74+00 75+00 76+00 77+00 78+00 79+00 80+00 81+00 82+00 83+00 84+00 85+00 86+00 87+

GROUTED RIP RAP

MATCHLINE STA. 87+00

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE B
- SILT FENCE
- RIP RAP OVER GEOTEXTILE FABRIC
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A PLACED PRIOR TO CURB & GUTTER CONSTRUCTION AND TYPE C PLACE AFTER
- INLET PROTECTION TYPE A ONLY
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

MATCHLINE STA. 87+00

PI: 95+78.79

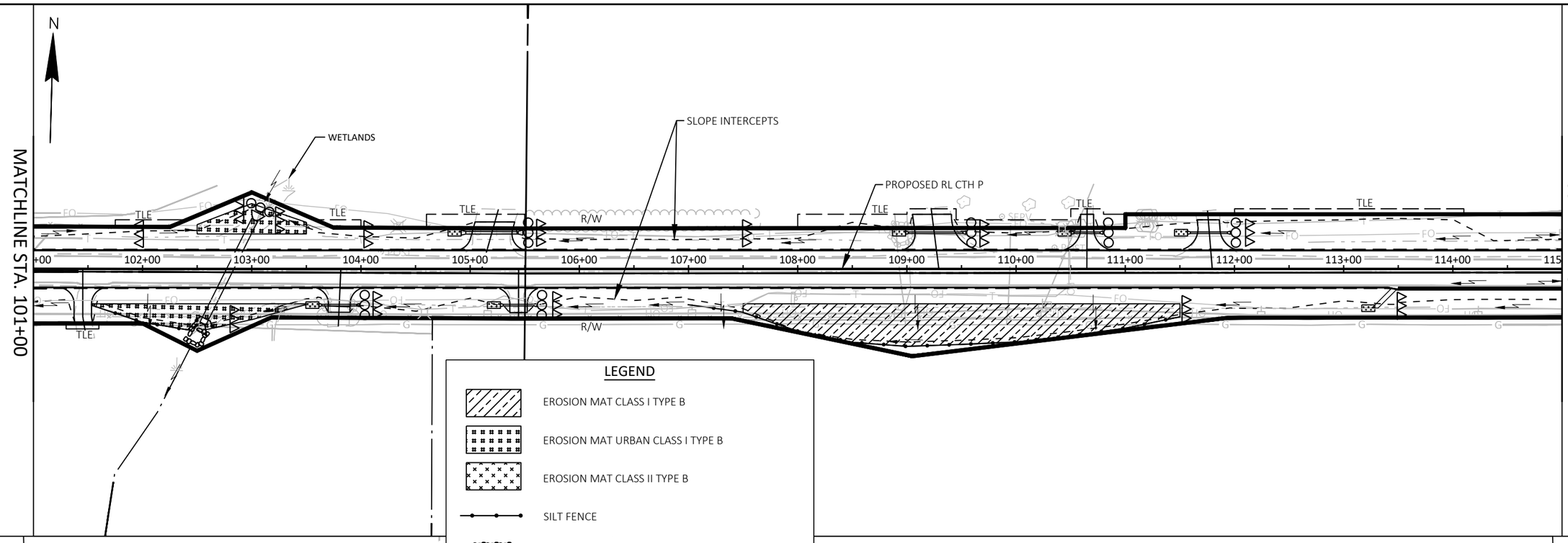
88+00 89+00 90+00 91+00 92+00 93+00 94+00 95+00 96+00 97+00 98+00 99+00 100+00 101

SLOPE INTERCEPTS

PROPOSED RL CTH P

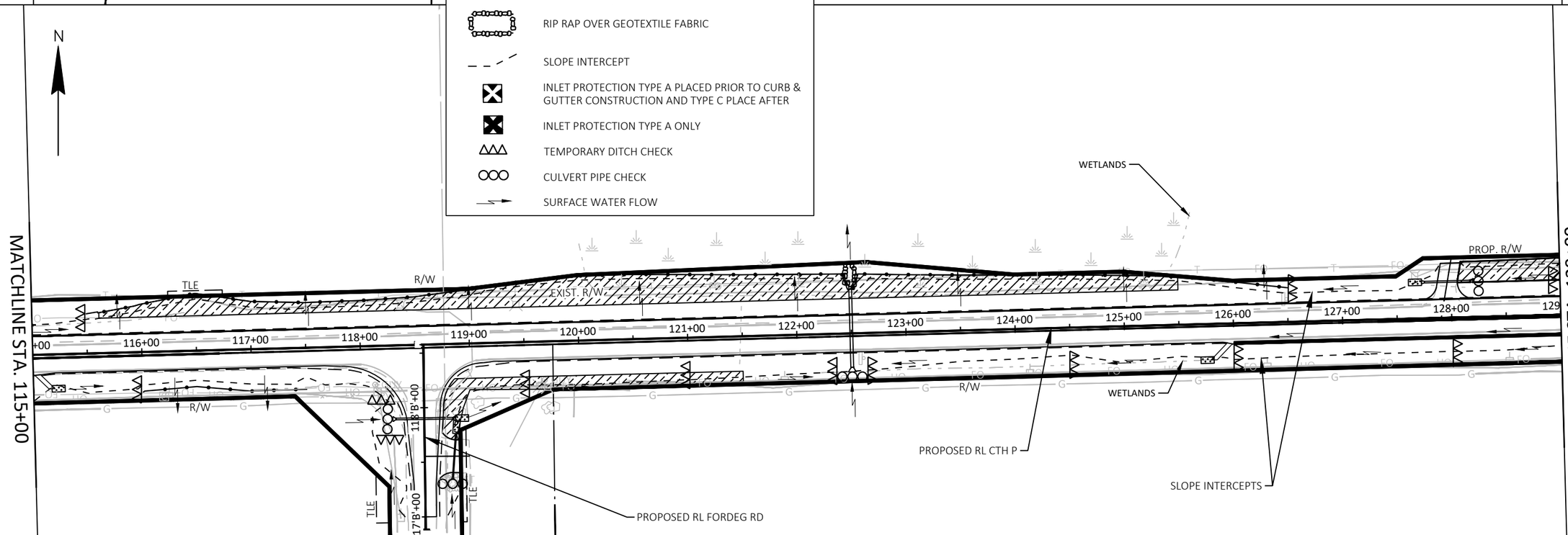
MATCHLINE STA. 101+00

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 42	E

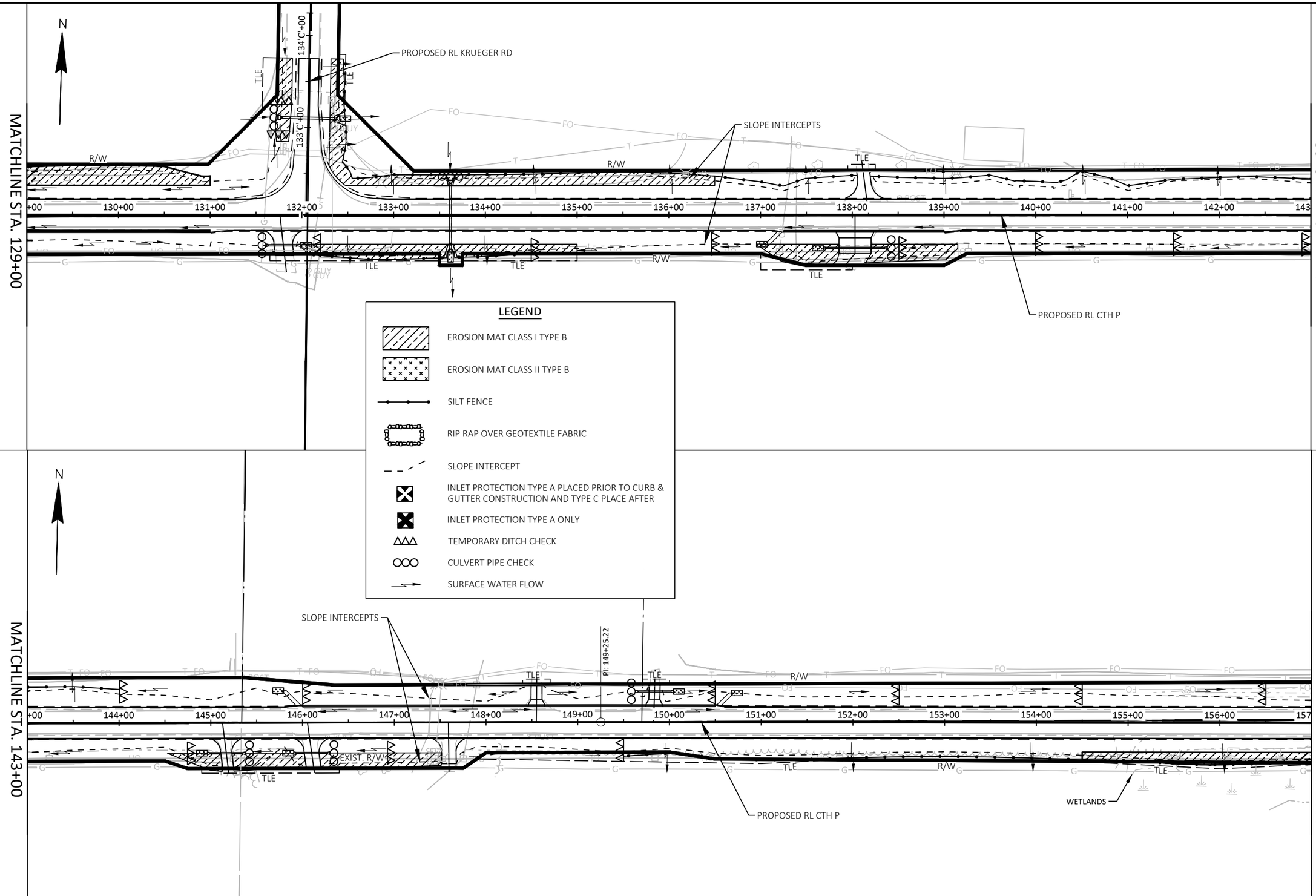


LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- EROSION MAT CLASS II TYPE B
- SILT FENCE
- RIP RAP OVER GEOTEXTILE FABRIC
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A PLACED PRIOR TO CURB & GUTTER CONSTRUCTION AND TYPE C PLACE AFTER
- INLET PROTECTION TYPE A ONLY
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

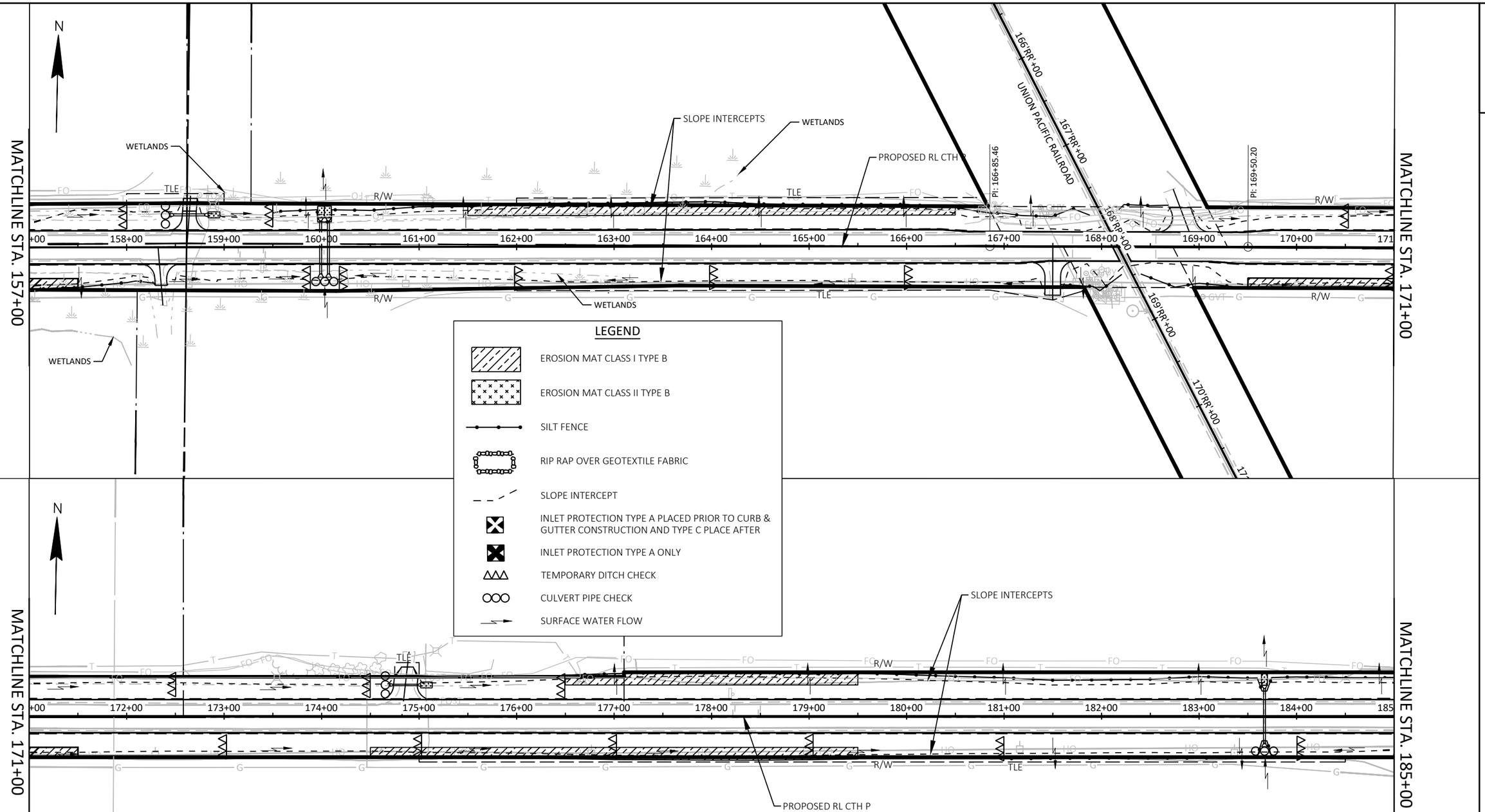


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 43	E

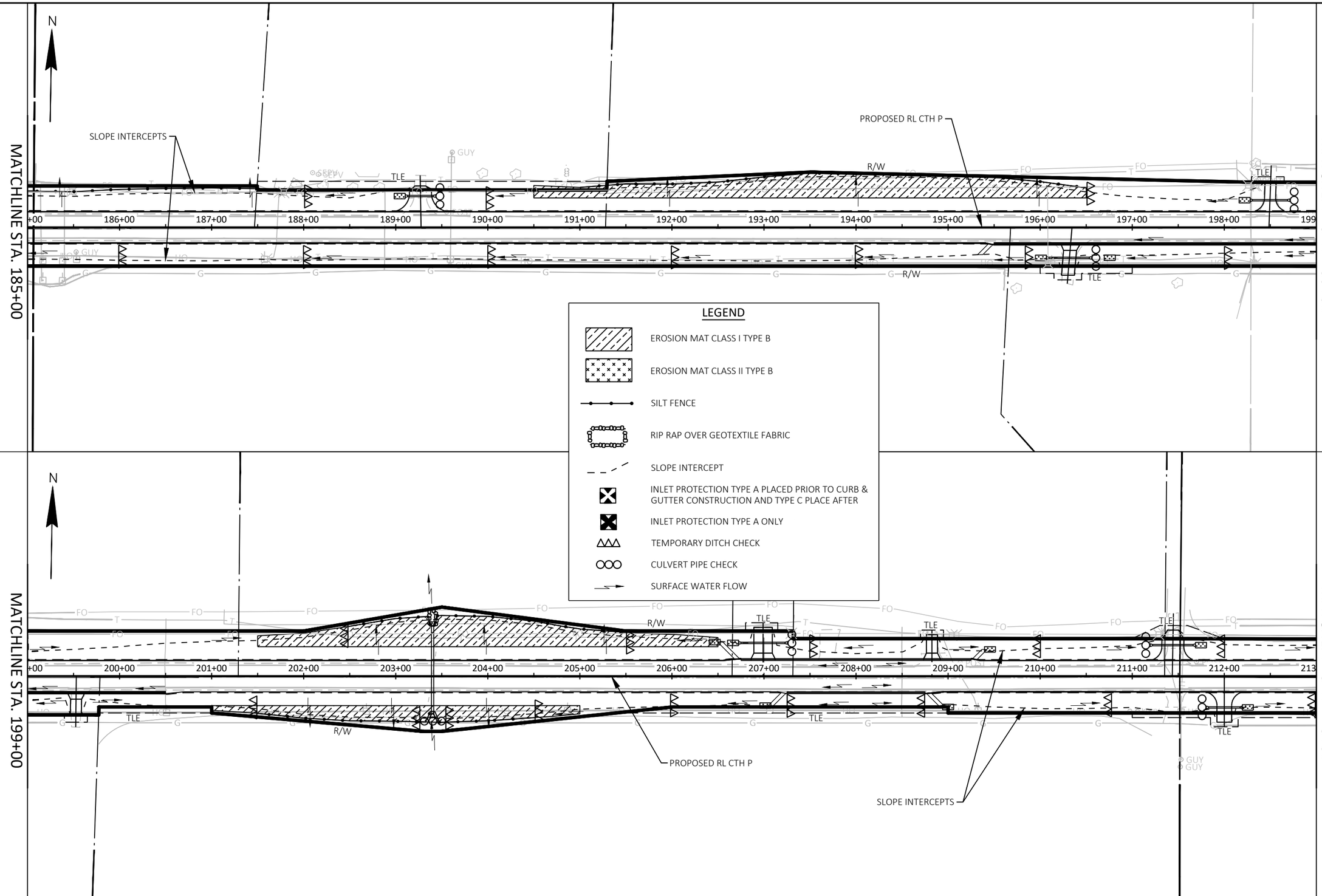


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 44	E

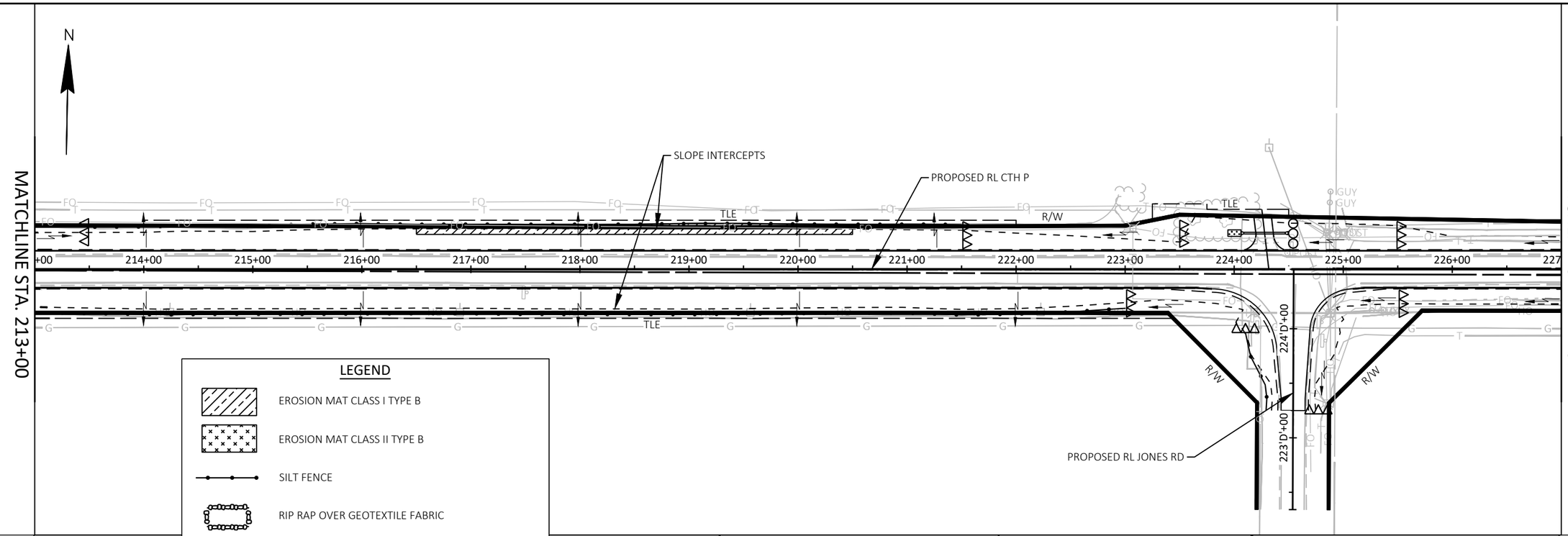
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_EROSION CONTROL.DWG PLOT DATE : 4/22/2026 1:09:29 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:100 FT LAYOUT : 05



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 45	E

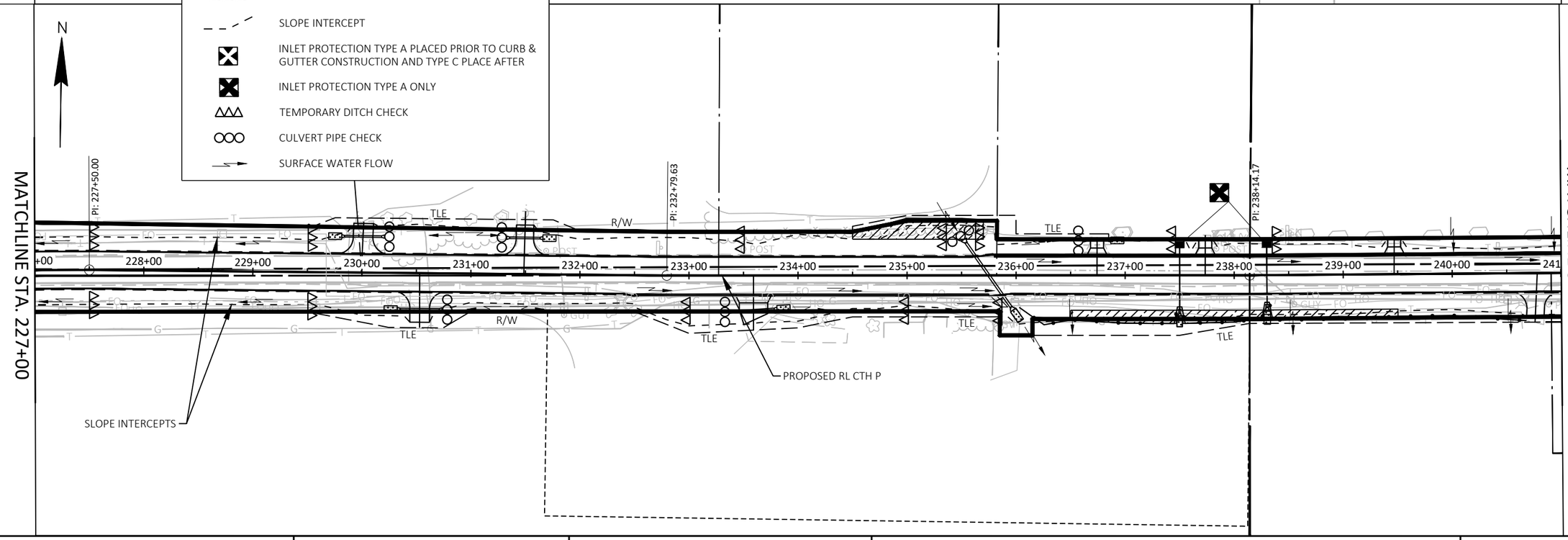


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 46	E



LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE B
- SILT FENCE
- RIP RAP OVER GEOTEXTILE FABRIC
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A PLACED PRIOR TO CURB & GUTTER CONSTRUCTION AND TYPE C PLACE AFTER
- INLET PROTECTION TYPE A ONLY
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 47	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_EROSION CONTROL.DWG
PLOT DATE : 4/22/2026 1:09:49 PM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:100 FT
LAYOUT : 08

2

N

MATCHLINE STA. 241+00

WETLANDS

SLOPE INTERCEPTS

WETLANDS

PI: 253+75.52

MATCHLINE STA. 255+00

TLE

R/W

242+00 243+00 244+00 245+00 246+00 247+00 248+00 249+00 250+00 251+00 252+00 253+00 254+00

PROPOSED RL CTH P

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE B
- SILT FENCE
- RIP RAP OVER GEOTEXTILE FABRIC
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A PLACED PRIOR TO CURB & GUTTER CONSTRUCTION AND TYPE C PLACE AFTER
- INLET PROTECTION TYPE A ONLY
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

MATCHLINE STA. 255+00

PI: 257+00.06

256+00 257+00 258+00 259+00 260+00 261+00 262+00 263+00 264+00 264+76

263'F'+00

262'F'+00

261'F'+00

260'F'+00

258'E'+00

257'E'+00

256'E'+00

264'G'+00

EXIST. R/W

PROPOSED RL CTH P

SLOPE INTERCEPTS

PROPOSED RL SECOND ST

PROPOSED RL FIRST ST

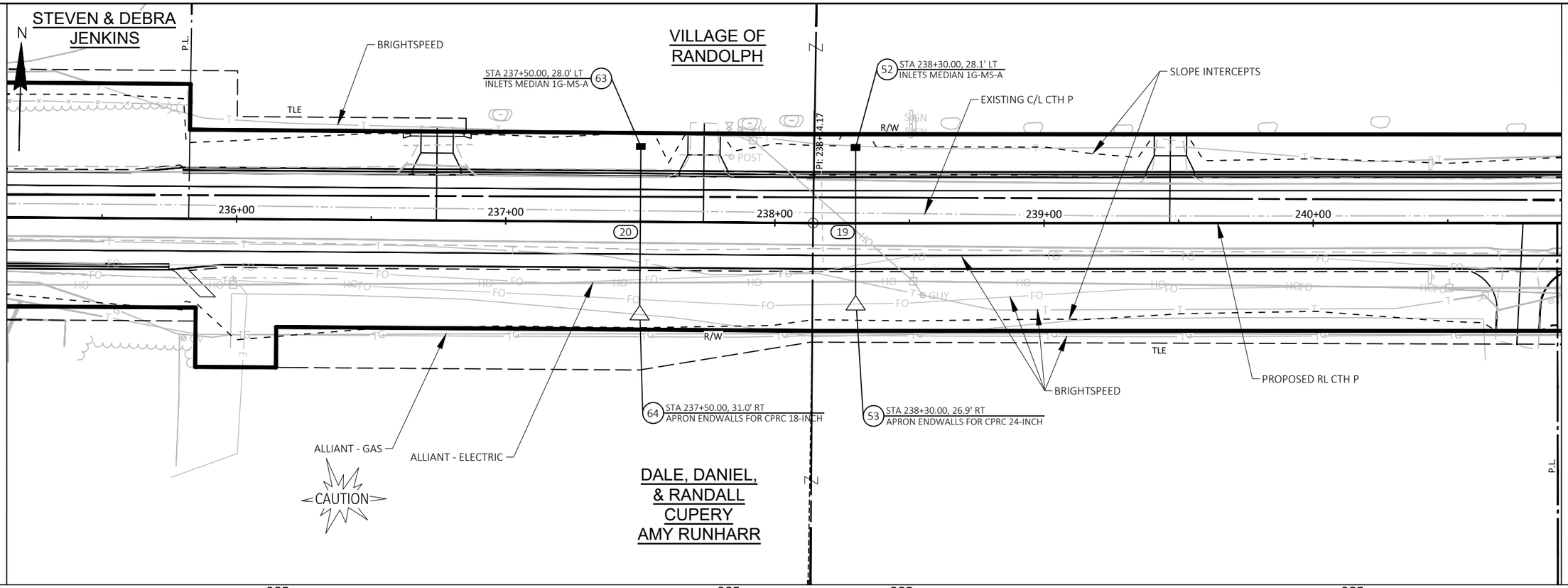
END PROJECT
STA 264+57.85

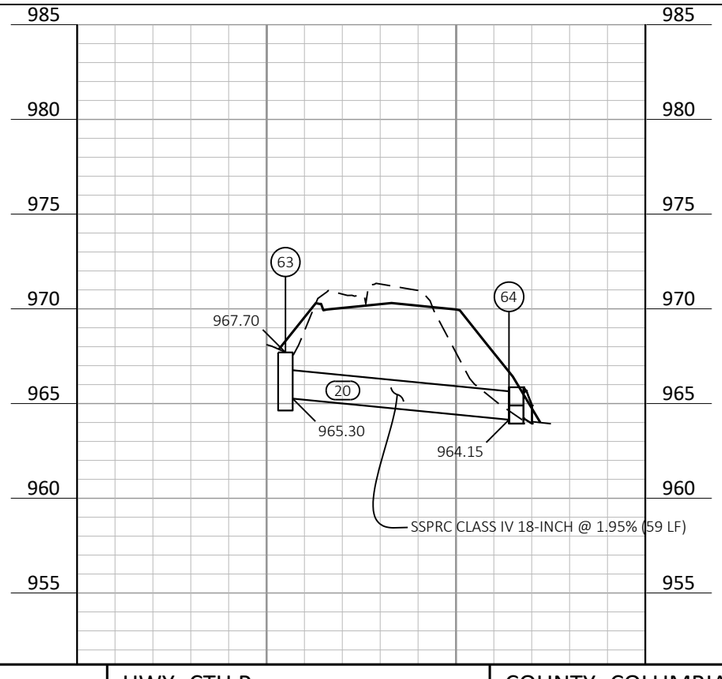
RL STH 73

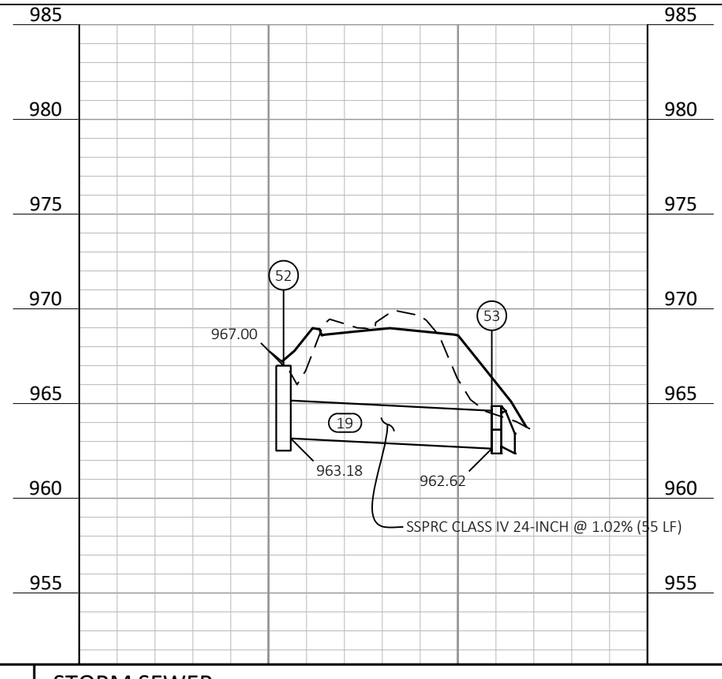
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	EROSION CONTROL	SHEET 48	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_EROSION CONTROL.DWG PLOT DATE : 4/22/2026 1:09:56 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:100 FT LAYOUT : 09

2



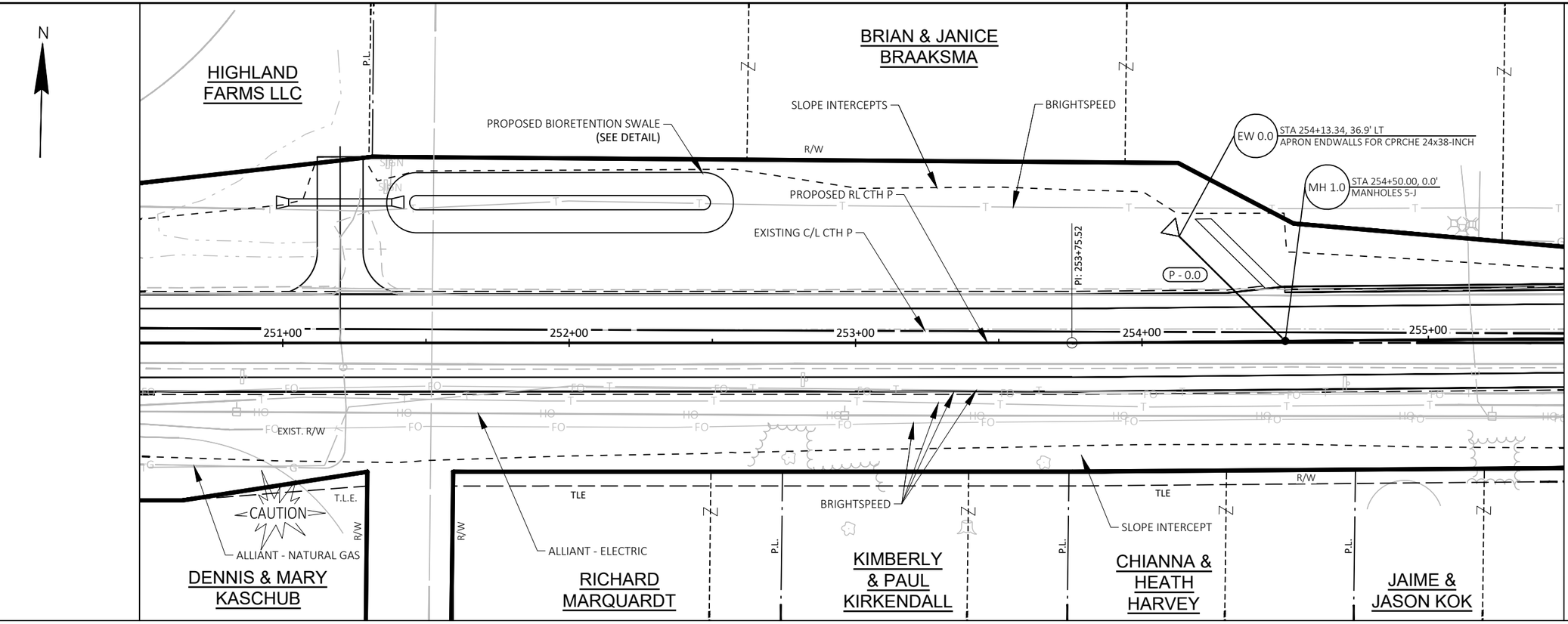


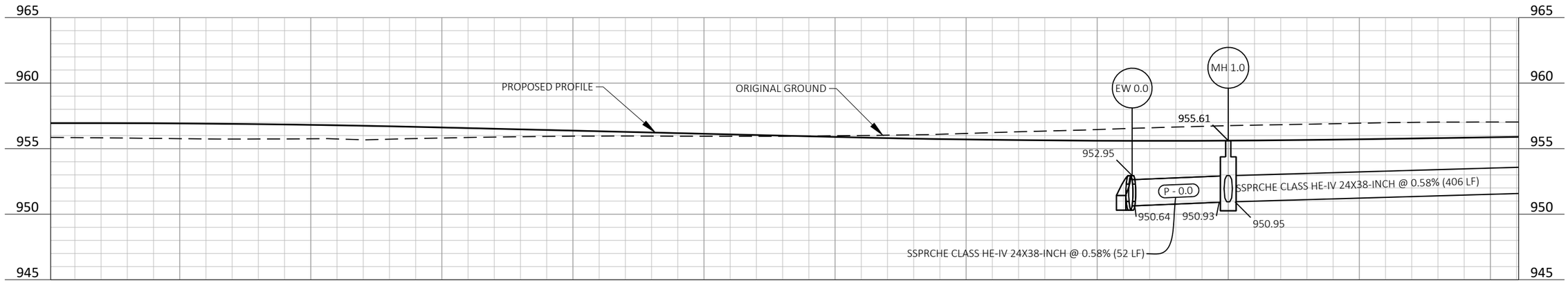


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	STORM SEWER	SHEET 49	E

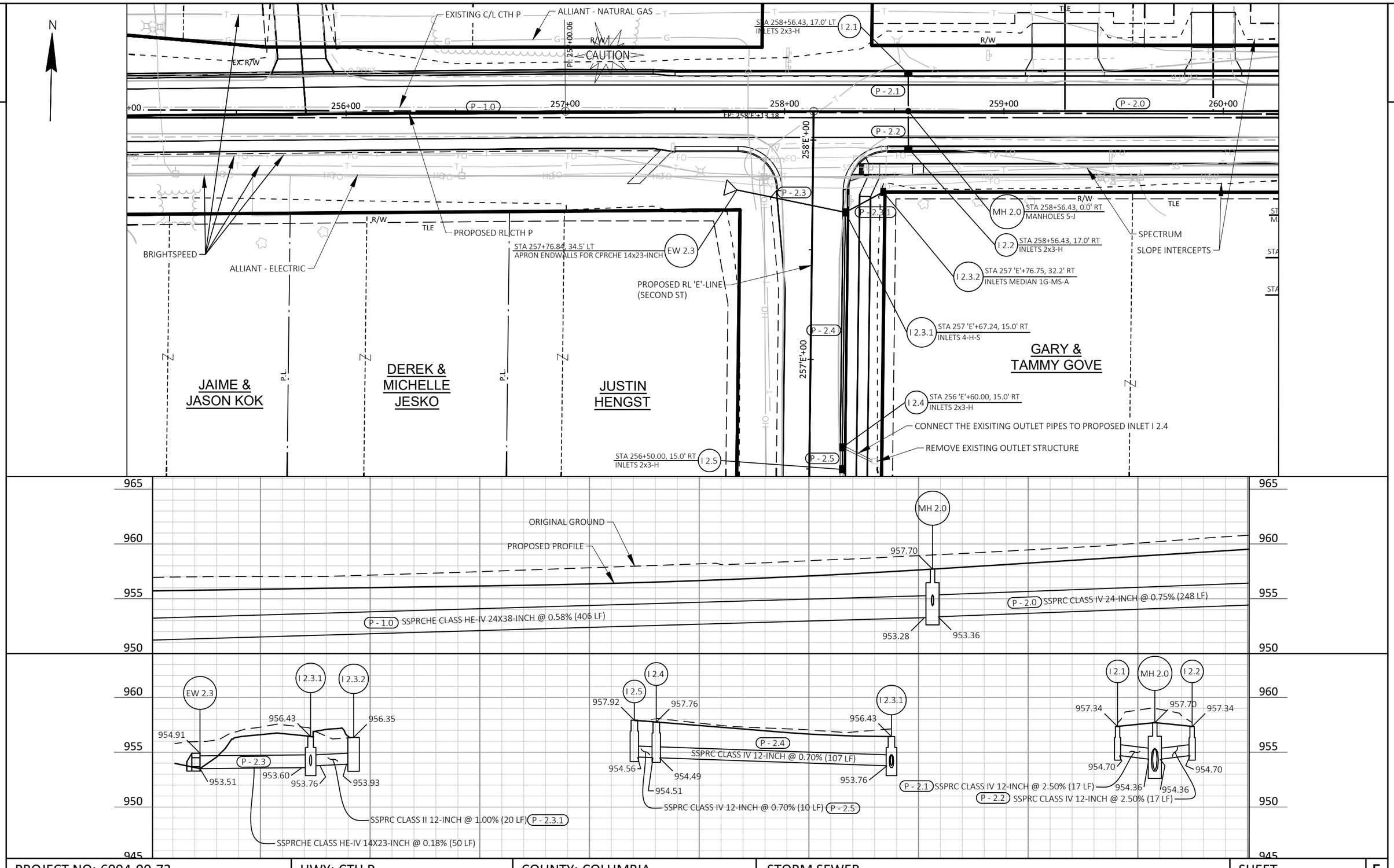
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_STORM SEWER.DWG
PLOT DATE : 4/28/2026 1:55:31 PM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:40 FT
LAYOUT : RURAL 1

2



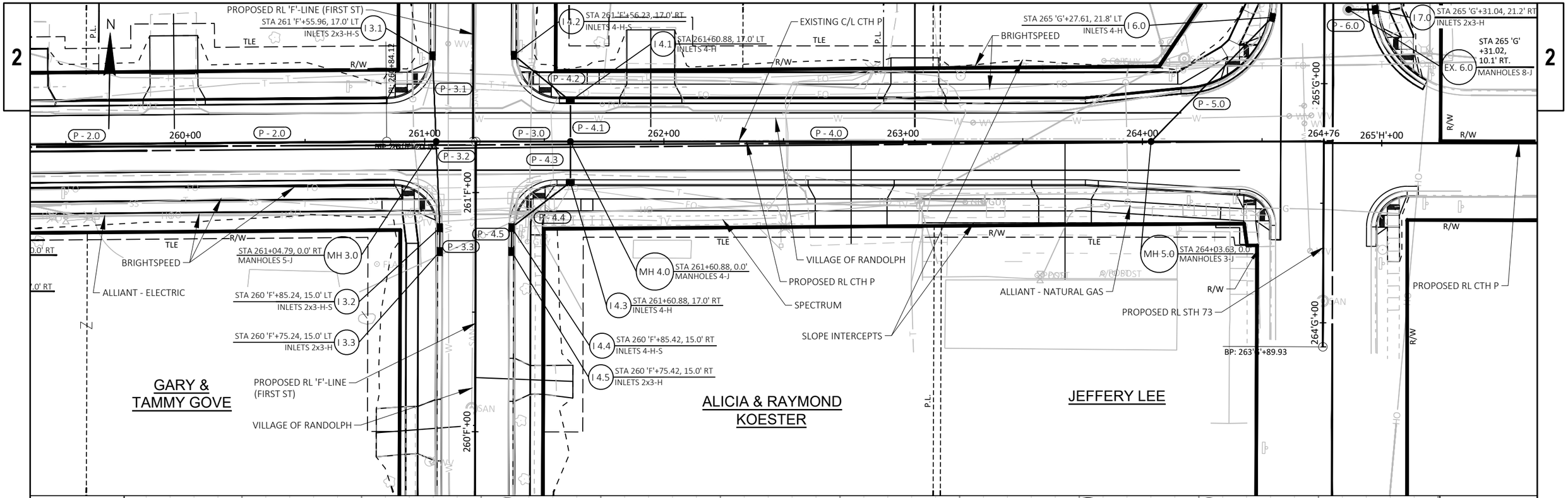


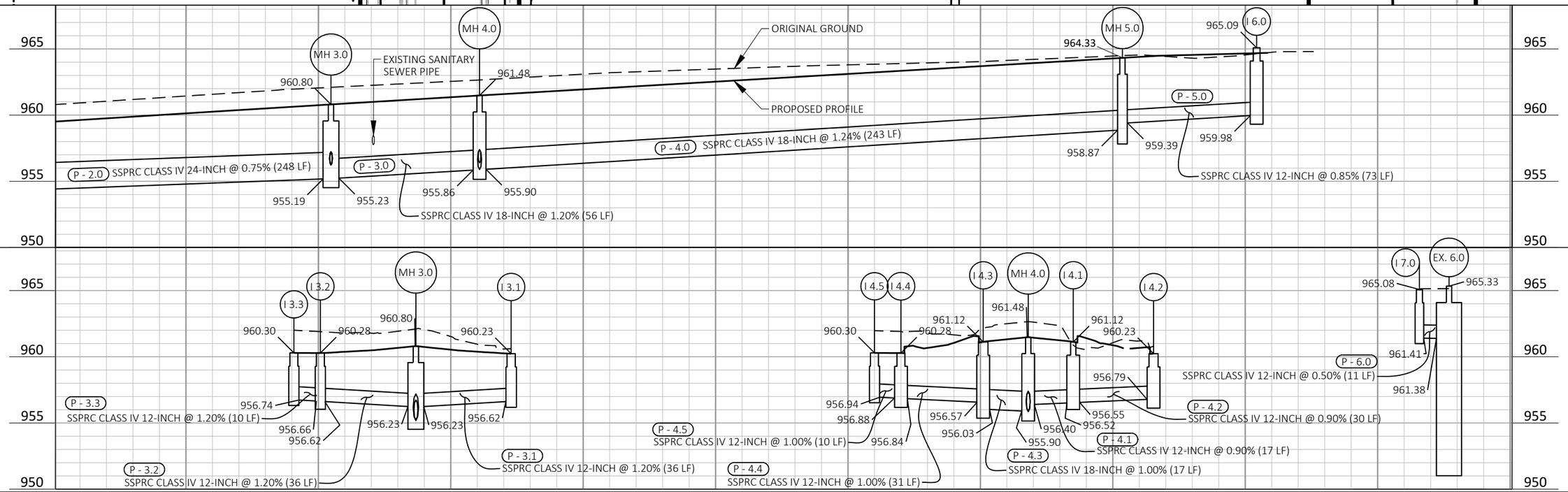
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	STORM SEWER	SHEET 50	E



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	STORM SEWER	SHEET 51	E

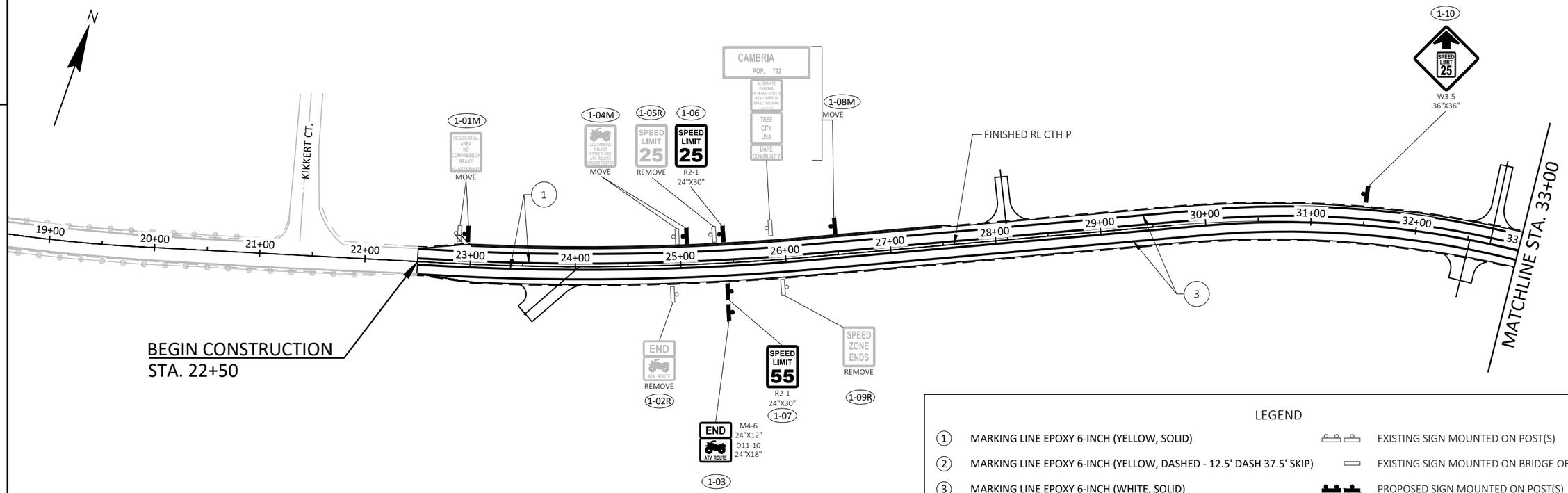
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_STORM SEWER.DWG
PLOT DATE : 4/28/2026 1:55:41 PM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:40 FT
LAYOUT : URBAN 1





PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	STORM SEWER	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_STORM SEWER.DWG
PLOT DATE : 4/28/2026 1:55:46 PM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:40 FT
LAYOUT : URBAN 2

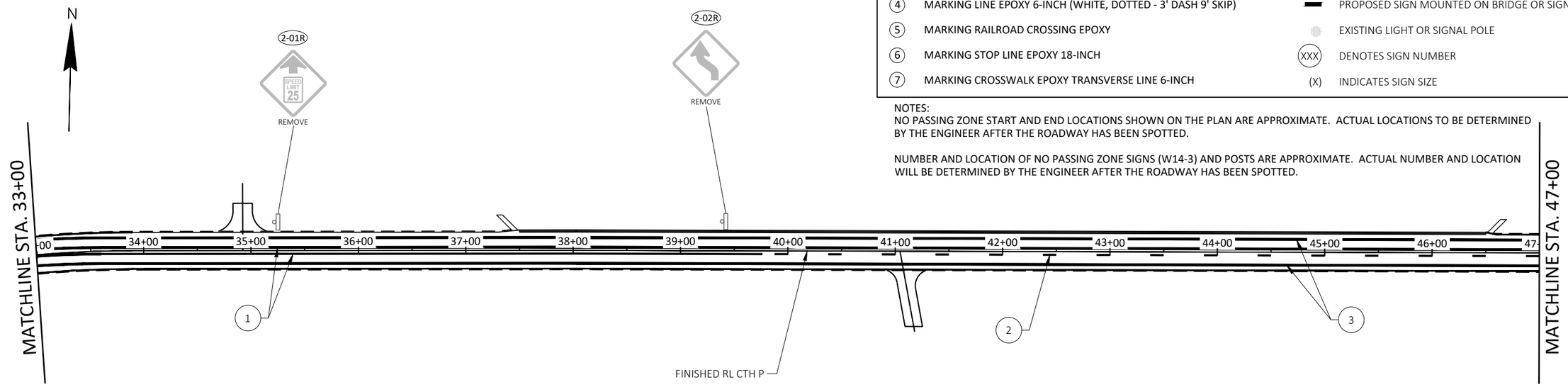


LEGEND

(1)	MARKING LINE EPOXY 6-INCH (YELLOW, SOLID)		EXISTING SIGN MOUNTED ON POST(S)
(2)	MARKING LINE EPOXY 6-INCH (YELLOW, DASHED - 12.5' DASH 37.5' SKIP)		EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
(3)	MARKING LINE EPOXY 6-INCH (WHITE, SOLID)		PROPOSED SIGN MOUNTED ON POST(S)
(4)	MARKING LINE EPOXY 6-INCH (WHITE, DOTTED - 3' DASH 9' SKIP)		PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
(5)	MARKING RAILROAD CROSSING EPOXY		EXISTING LIGHT OR SIGNAL POLE
(6)	MARKING STOP LINE EPOXY 18-INCH	XXX	DENOTES SIGN NUMBER
(7)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH	(X)	INDICATES SIGN SIZE

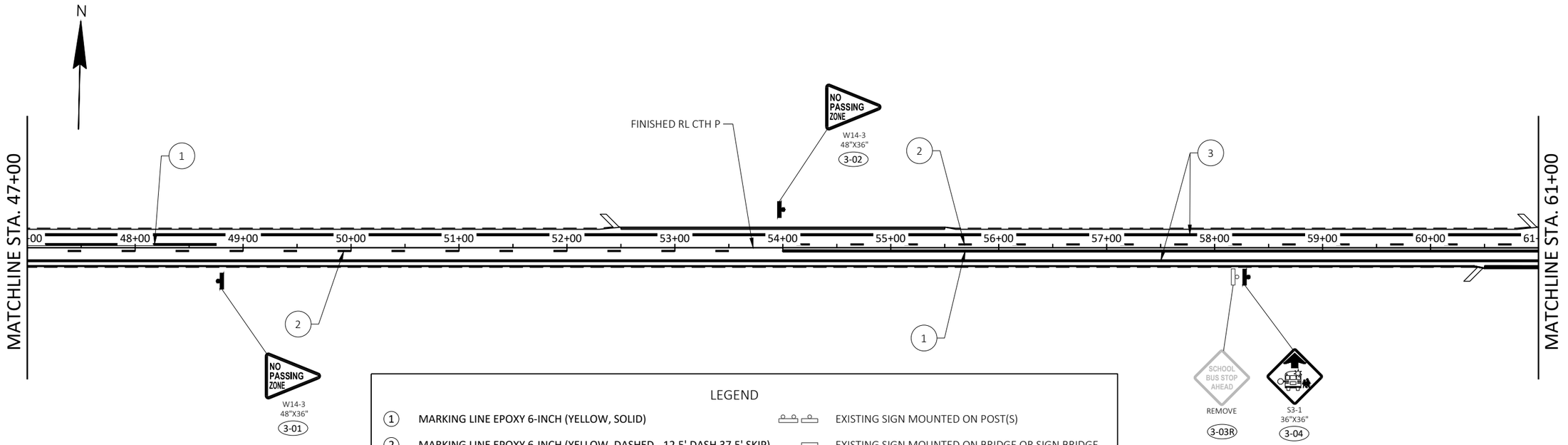
NOTES:
NO PASSING ZONE START AND END LOCATIONS SHOWN ON THE PLAN ARE APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED BY THE ENGINEER AFTER THE ROADWAY HAS BEEN SPOTTED.

NUMBER AND LOCATION OF NO PASSING ZONE SIGNS (W14-3) AND POSTS ARE APPROXIMATE. ACTUAL NUMBER AND LOCATION WILL BE DETERMINED BY THE ENGINEER AFTER THE ROADWAY HAS BEEN SPOTTED.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING AND PAVEMENT MARKING	SHEET 53	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_PERM SIGN AND MARKING.DWG PLOT DATE : 4/22/2026 1:10:33 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:100 FT LAYOUT : 01



LEGEND

(1)	MARKING LINE EPOXY 6-INCH (YELLOW, SOLID)		EXISTING SIGN MOUNTED ON POST(S)
(2)	MARKING LINE EPOXY 6-INCH (YELLOW, DASHED - 12.5' DASH 37.5' SKIP)		EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
(3)	MARKING LINE EPOXY 6-INCH (WHITE, SOLID)		PROPOSED SIGN MOUNTED ON POST(S)
(4)	MARKING LINE EPOXY 6-INCH (WHITE, DOTTED - 3' DASH 9' SKIP)		PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
(5)	MARKING RAILROAD CROSSING EPOXY		EXISTING LIGHT OR SIGNAL POLE
(6)	MARKING STOP LINE EPOXY 18-INCH	(XXX)	DENOTES SIGN NUMBER
(7)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH	(X)	INDICATES SIGN SIZE

NOTES:
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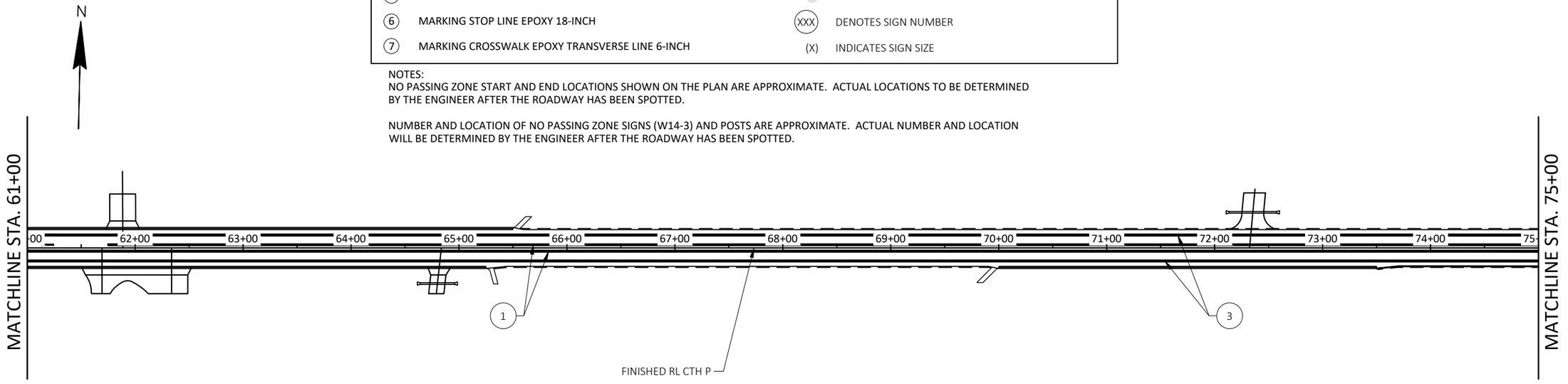
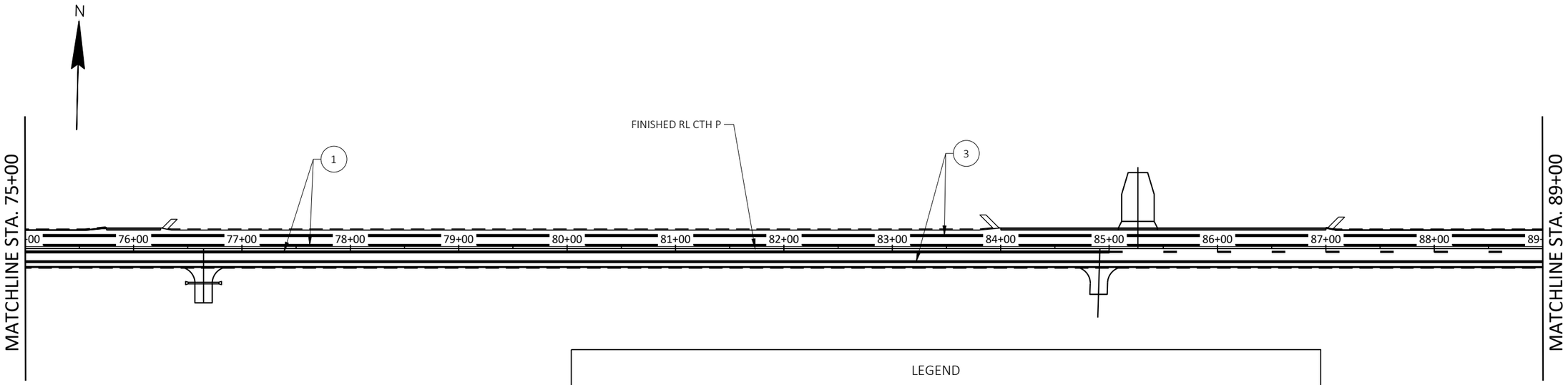


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING AND PAVEMENT MARKING	SHEET 54	E



LEGEND

(1)	MARKING LINE EPOXY 6-INCH (YELLOW, SOLID)		EXISTING SIGN MOUNTED ON POST(S)
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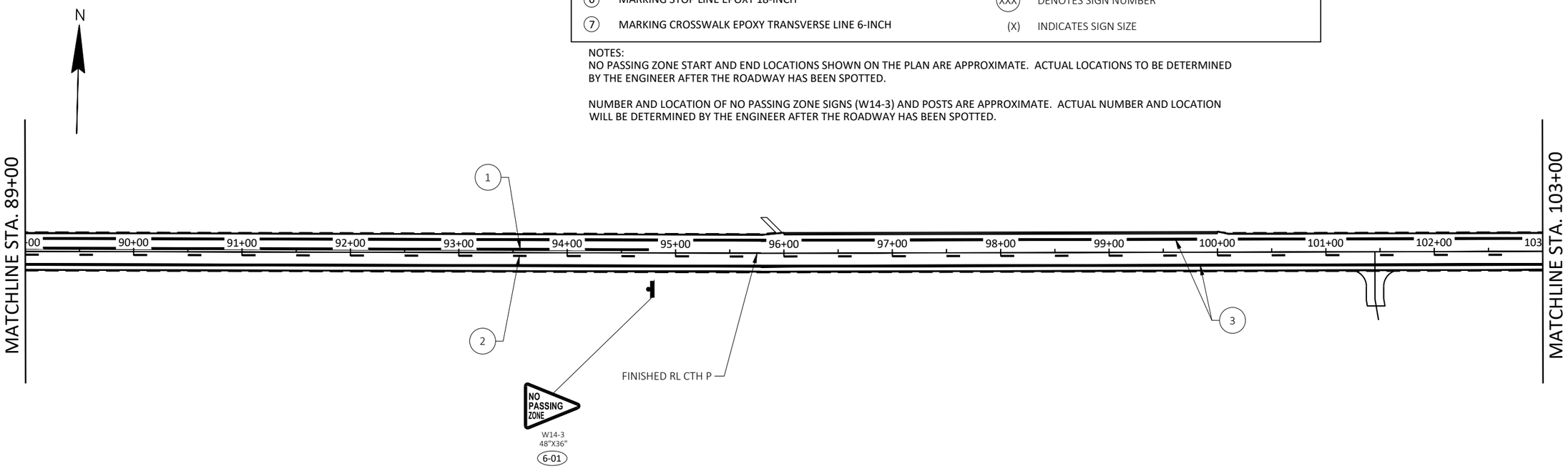
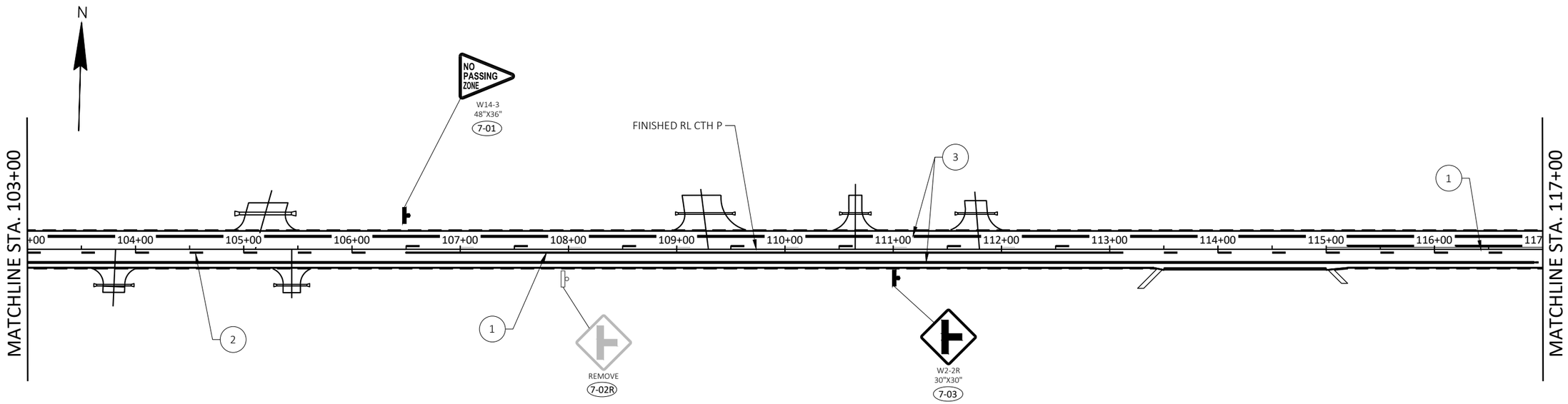


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING AND PAVEMENT MARKING	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_PERM SIGN AND MARKING.DWG PLOT DATE : 4/22/2026 1:10:35 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:100 FT LAYOUT : 03



LEGEND

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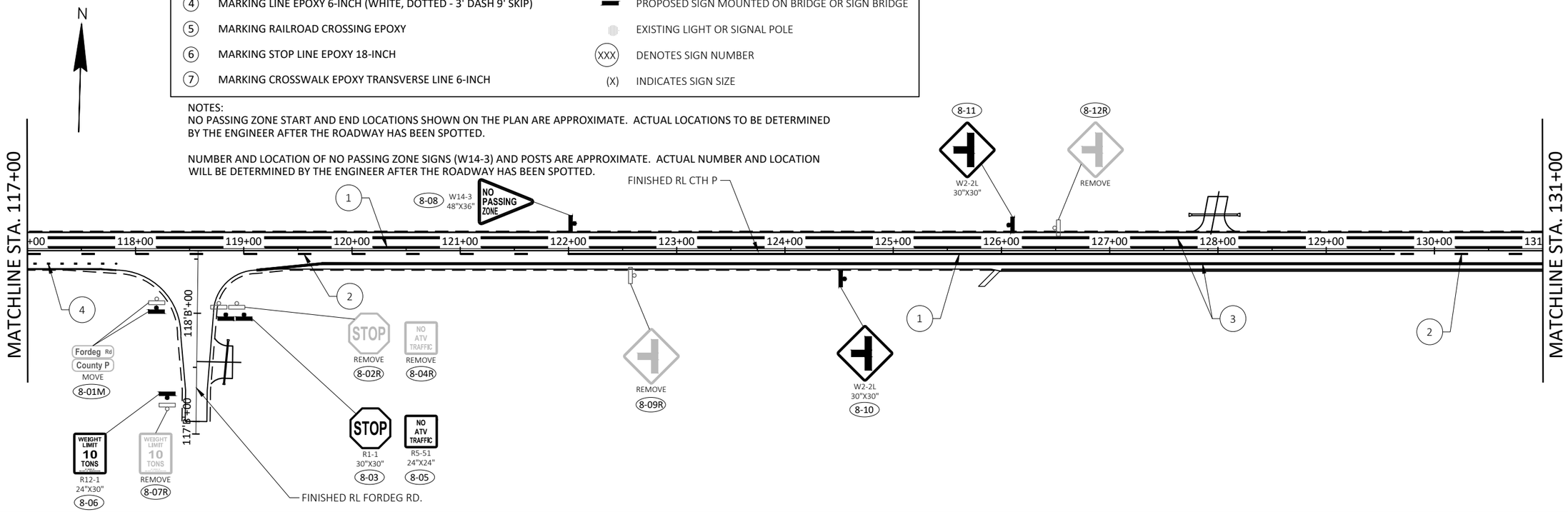
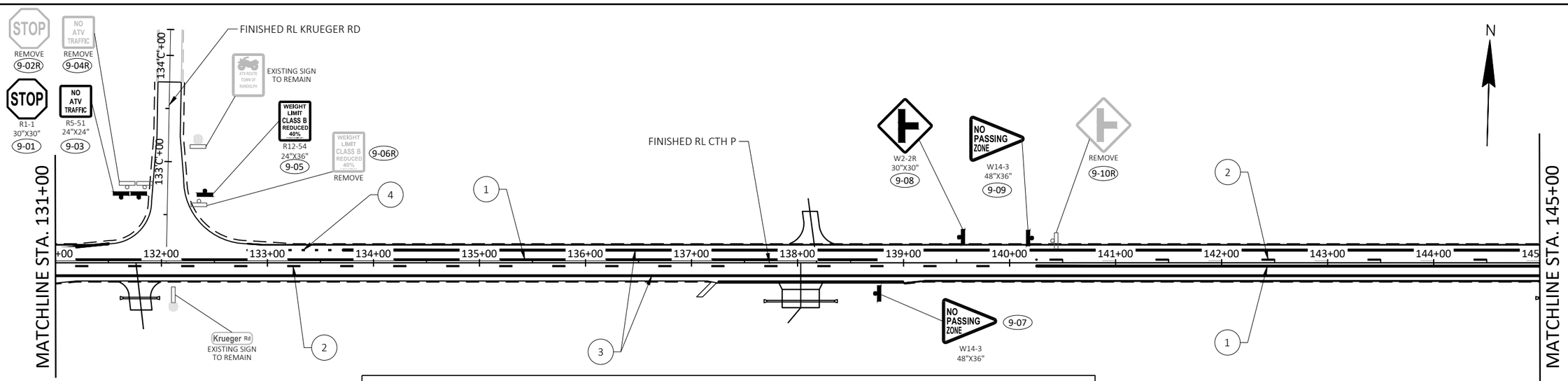


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING AND PAVEMENT MARKING	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_PERM SIGN AND MARKING.DWG
PLOT DATE : 4/22/2026 1:10:36 PM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:100 FT
LAYOUT : 04



LEGEND

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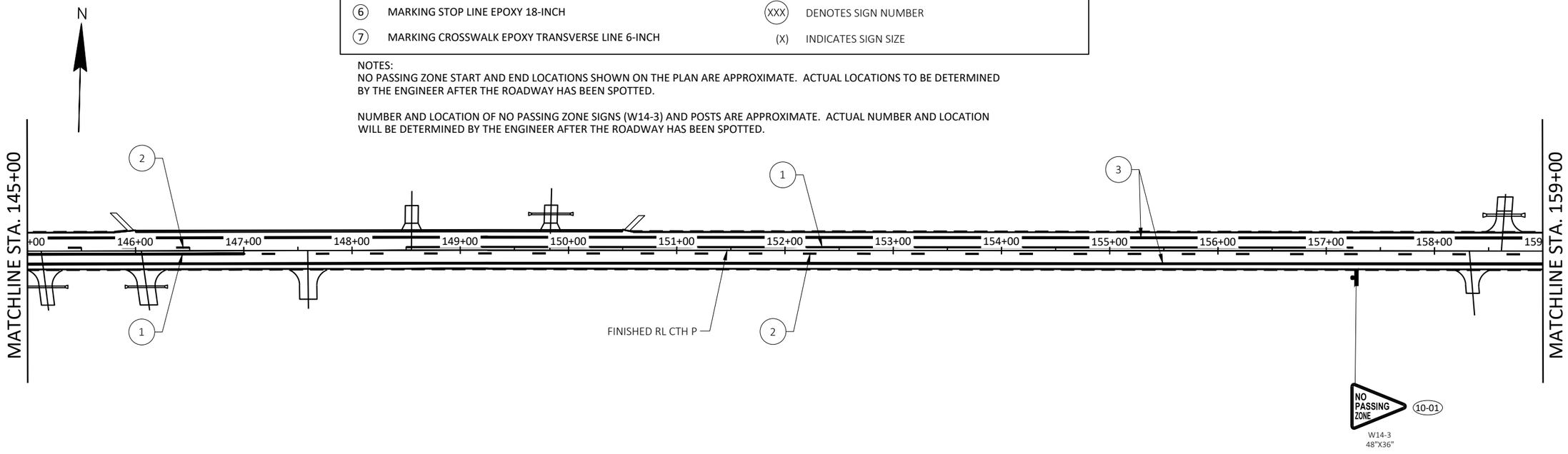
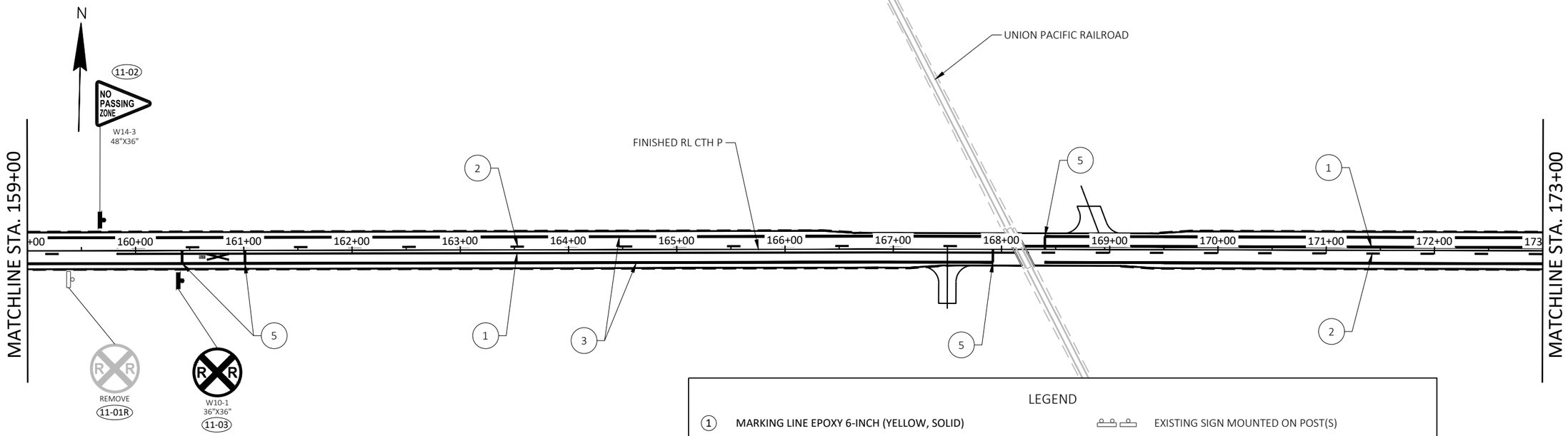
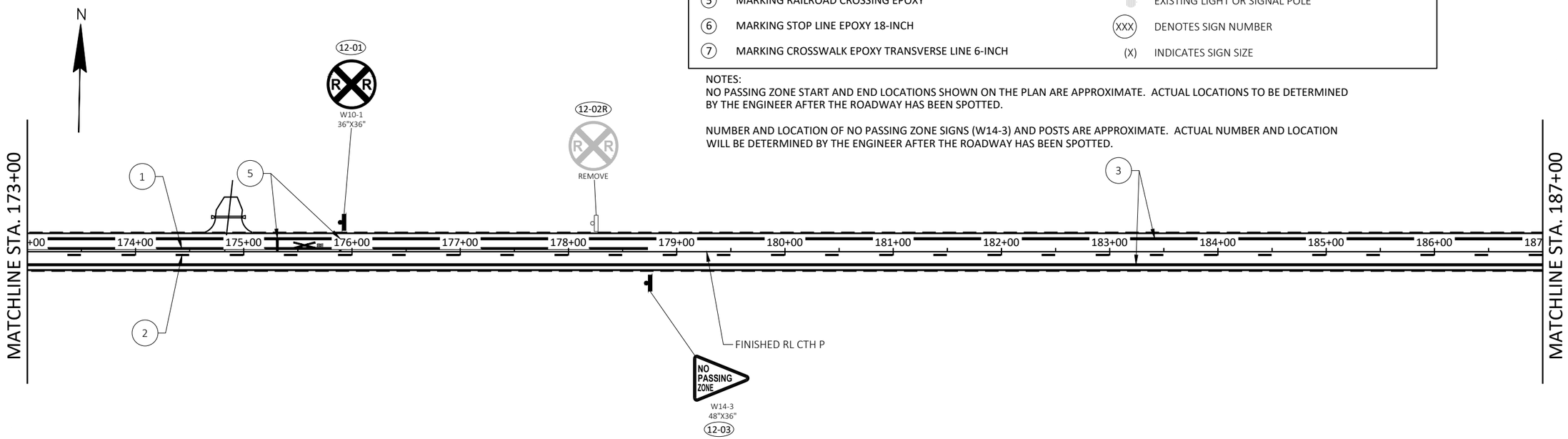


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING AND PAVEMENT MARKING	SHEET 57	E





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(6)	MARKING STOP LINE EPOXY 18-INCH	(XXX)	DENOTES SIGN NUMBER
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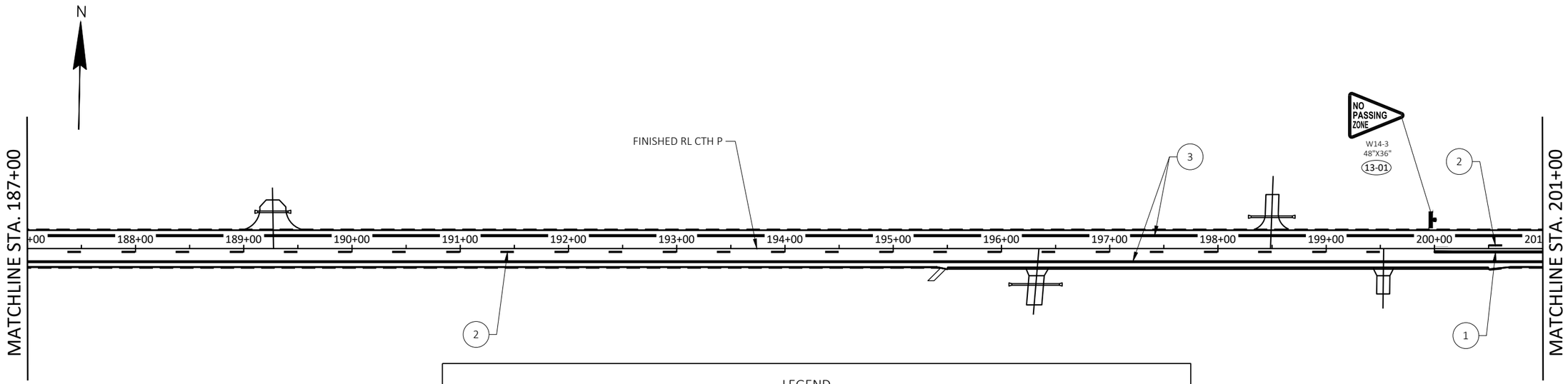
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING AND PAVEMENT MARKING	SHEET 58	E



LEGEND

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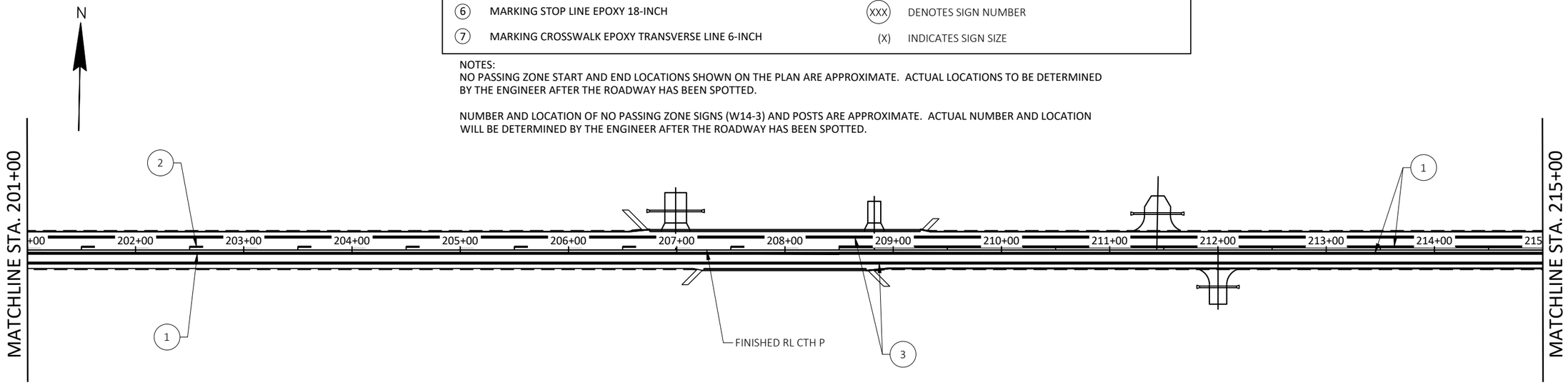

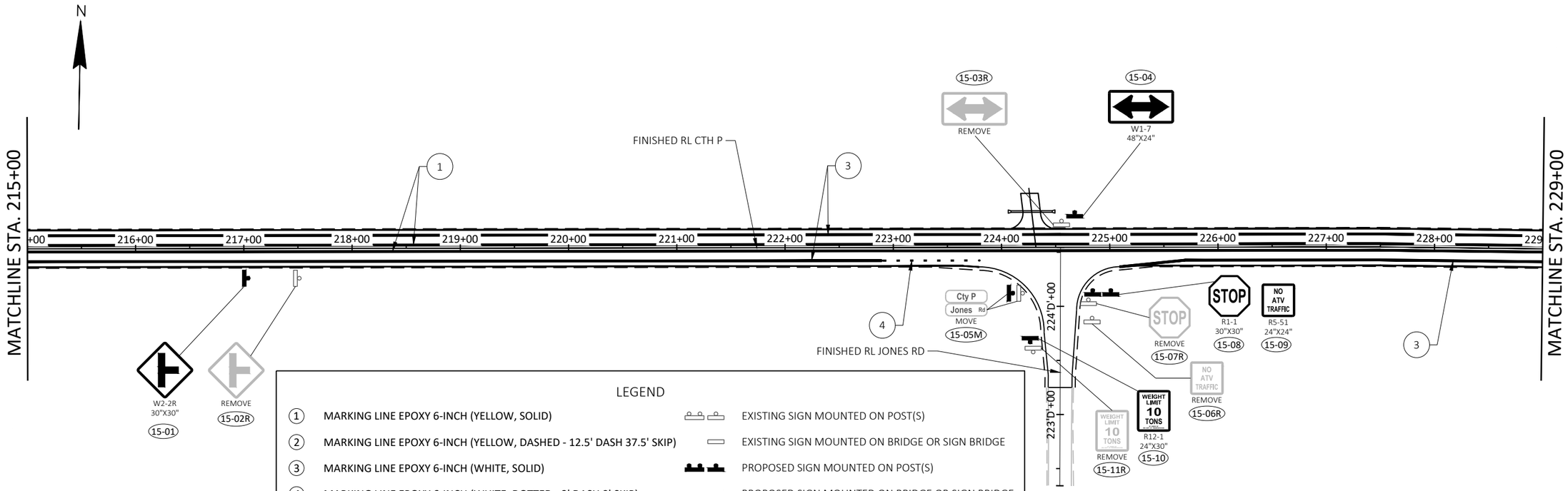

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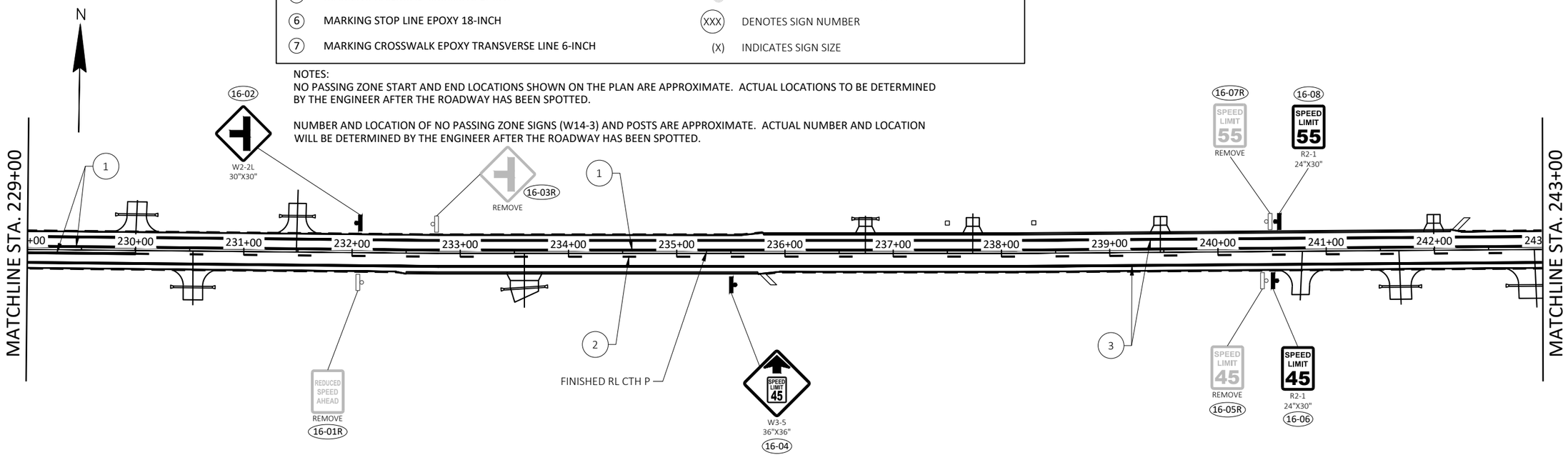
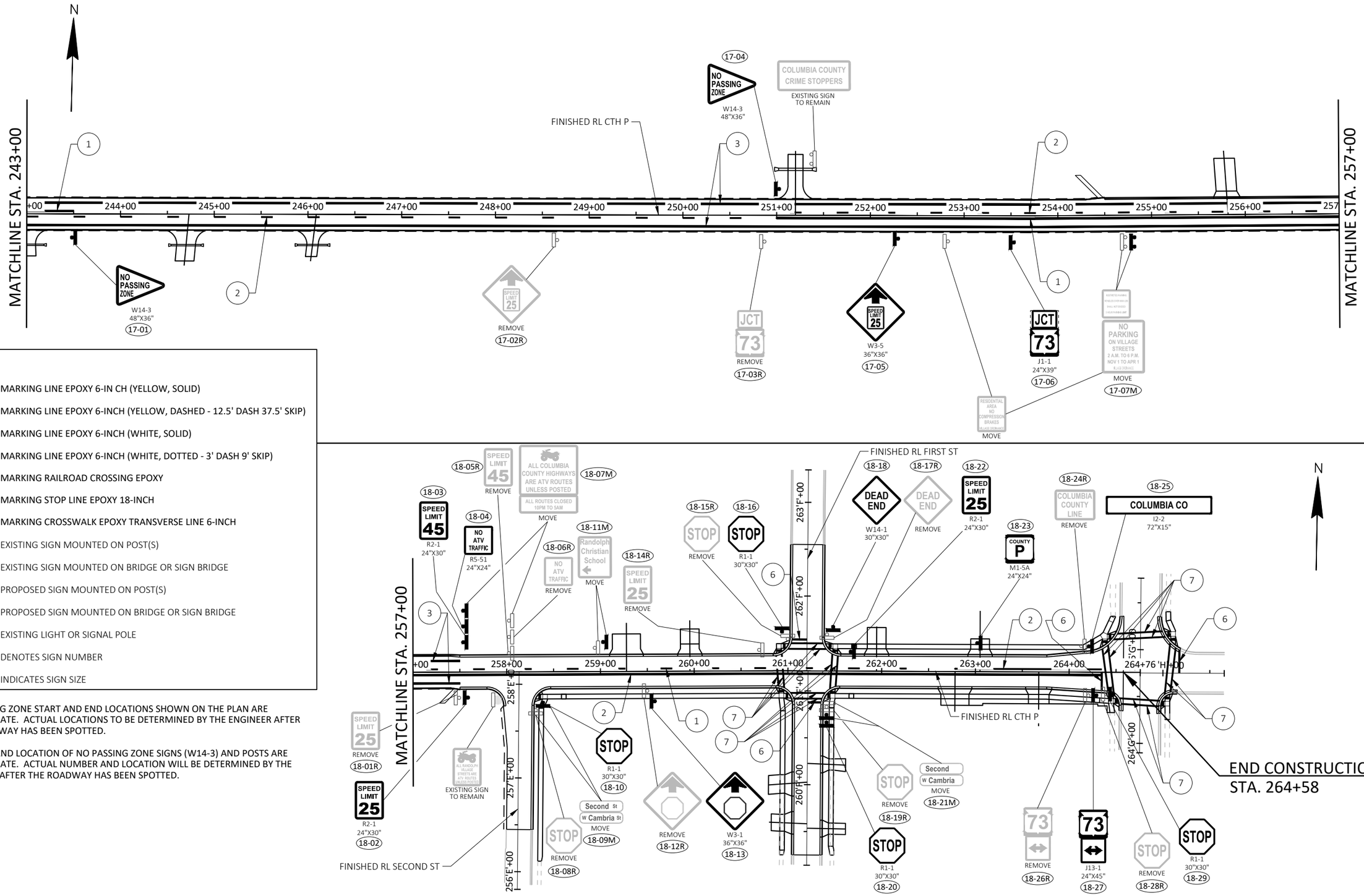


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING AND PAVEMENT MARKING	SHEET 60	E



1. MARKING LINE EPOXY 6-IN CH (YELLOW, SOLID)
2. MARKING LINE EPOXY 6-INCH (YELLOW, DASHED - 12.5' DASH 37.5' SKIP)
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5. MARKING RAILROAD CROSSING EPOXY
6. MARKING STOP LINE EPOXY 18-INCH
7. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE

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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING AND PAVEMENT MARKING	SHEET 61	E

TRAFFIC CONTROL GENERAL NOTES

THE EXACT 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 SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS, EXCEPT THE BACKGROUND IS ORANGE.

ALL "W" AND "WO" SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.

ALL ROADS AND STREETS WITHIN THE WORK ZONES SHALL BE KEPT ACCESSIBLE FOR EMERGENCY VEHICLES, RESIDENTS AND BUSINESSES.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND MAINTAIN ACCESS TO ALL PROPERTY ABUTTING THE ROADWAY CONSTRUCTION WORK THROUGHOUT THE LIFE OF THE PROJECT.

DURING NIGHT SHUTDOWN, ONE LANE IN EACH DIRECTION MUST REMAIN OPEN.

ANY STOP SIGNS WHICH ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED.

ALL SIGN LAYOUT SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY BARRICADES, SIGNS, LIGHTS, TEMPORARY MARKINGS, FLAGGERS AND SUCH OTHER SAFETY DEVICES AS CALLED FOR ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200' CLEARANCE TO EXISTING SIGNS.

DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.

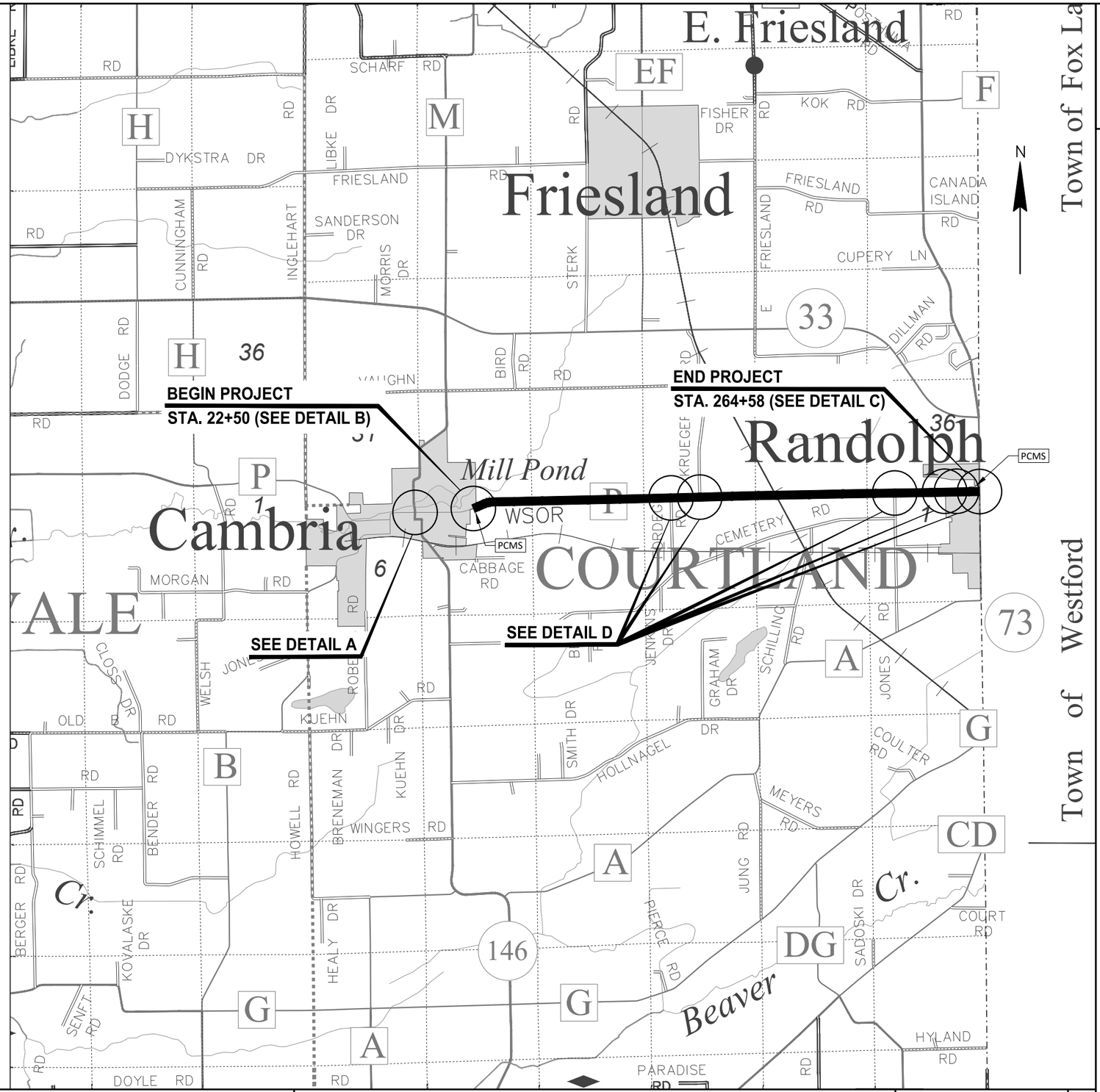
DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON CONTRACTOR'S METHODS OR SEQUENCES OF OPERATION.

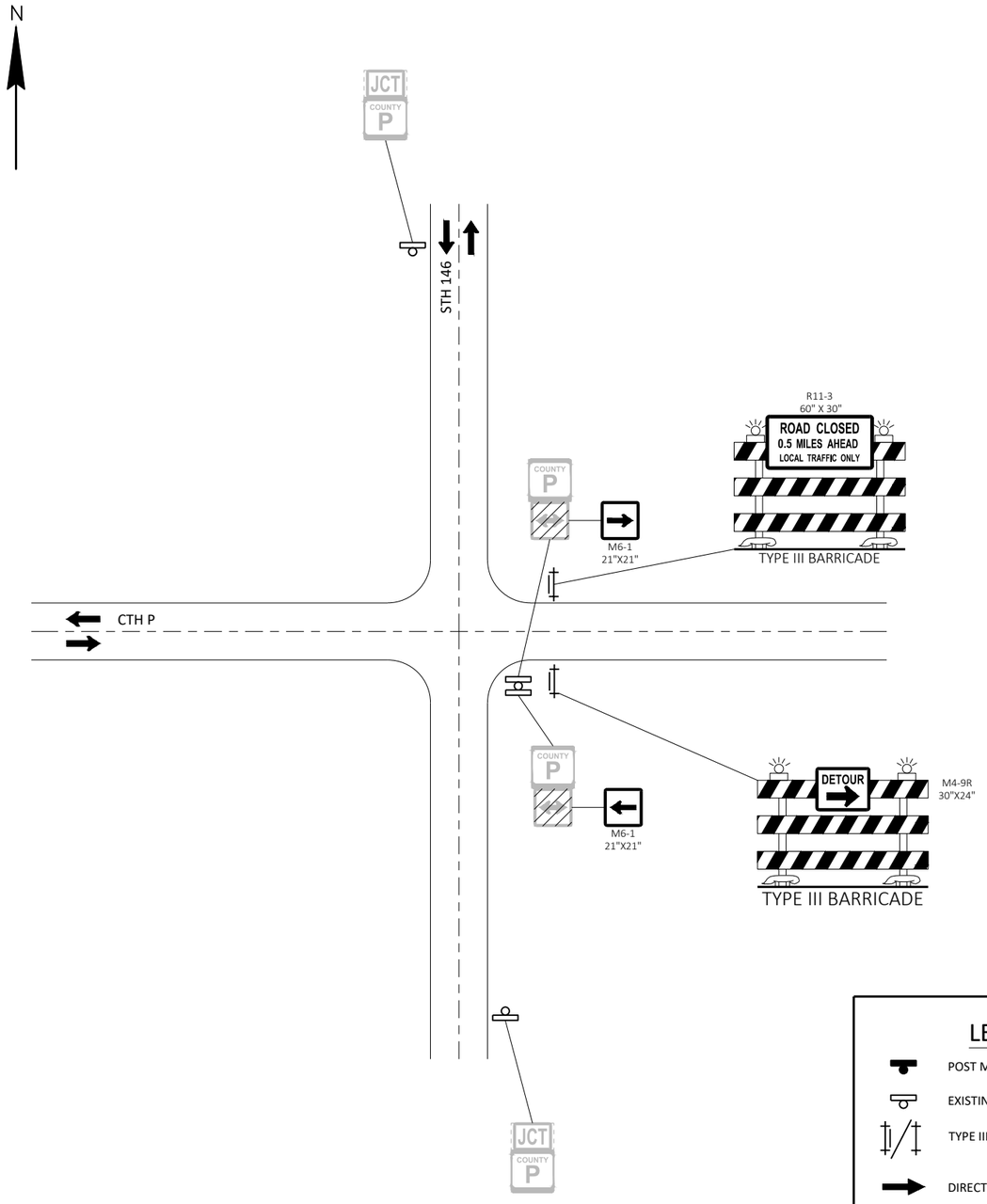
ROAD MACHINERY, FLAGGERS AHEAD, ETC. SIGNS SHALL BE USED AS NEEDED AND SHALL BE REMOVED OR COVERED AT NIGHTS, ON WEEKENDS OR WHEN THE ACTIVITY DOES NOT EXIST.

ADDITIONAL DRUMS OR TYPE III BARRICADES MAY BE REQUIRED ADJACENT TO DROP-OFFS, OPEN TRENCHES, OR PROTRUSIONS.

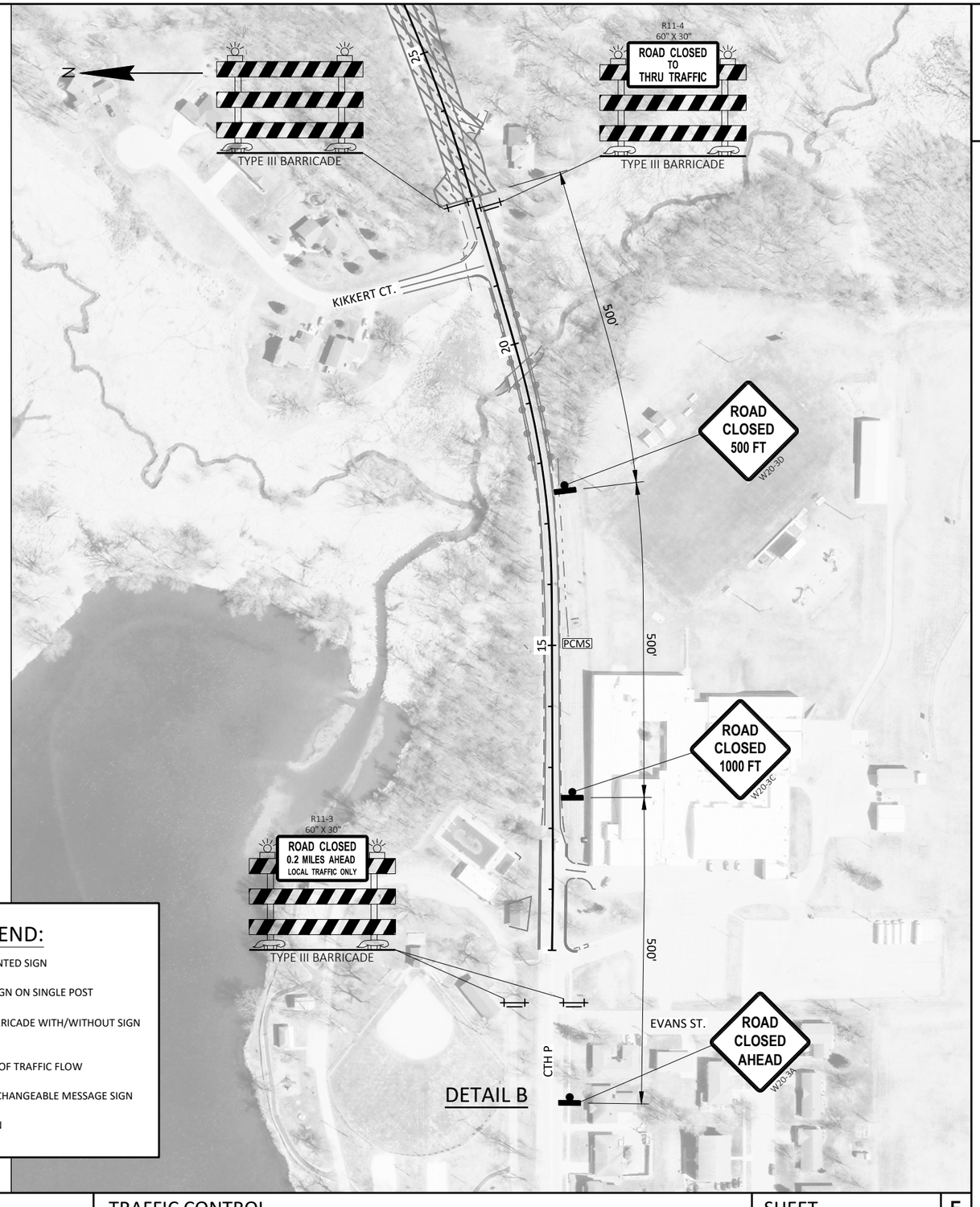
DRUMS PLACED ADJACENT TO WORK AREAS SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

OBTAIN APPROVAL OF THE PROPOSED MESSAGE FROM DEPARTMENT CONSTRUCTION FIELD STAFF PRIOR TO DEPLOYING OR CHANGING A MESSAGE ON A PCMS. PCMS BOARDS MUST BE DEPLOYED 14 DAYS BEFORE THE CLOSURE OF CTH P.





DETAIL A



DETAIL B

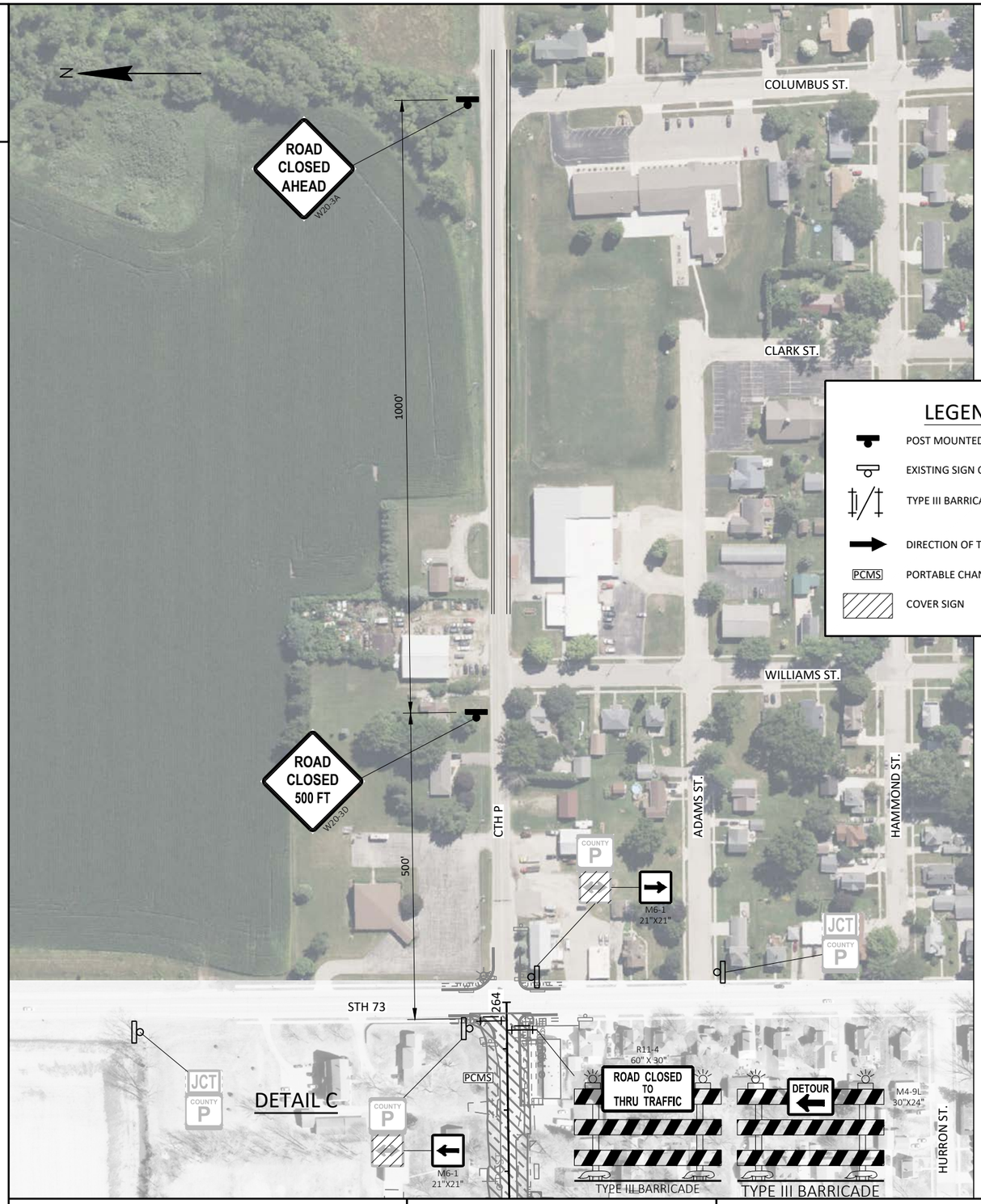
LEGEND:

- POST MOUNTED SIGN
- EXISTING SIGN ON SINGLE POST
- TYPE III BARRICADE WITH/WITHOUT SIGN
- DIRECTION OF TRAFFIC FLOW
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- COVER SIGN

2

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	TRAFFIC CONTROL	SHEET	E

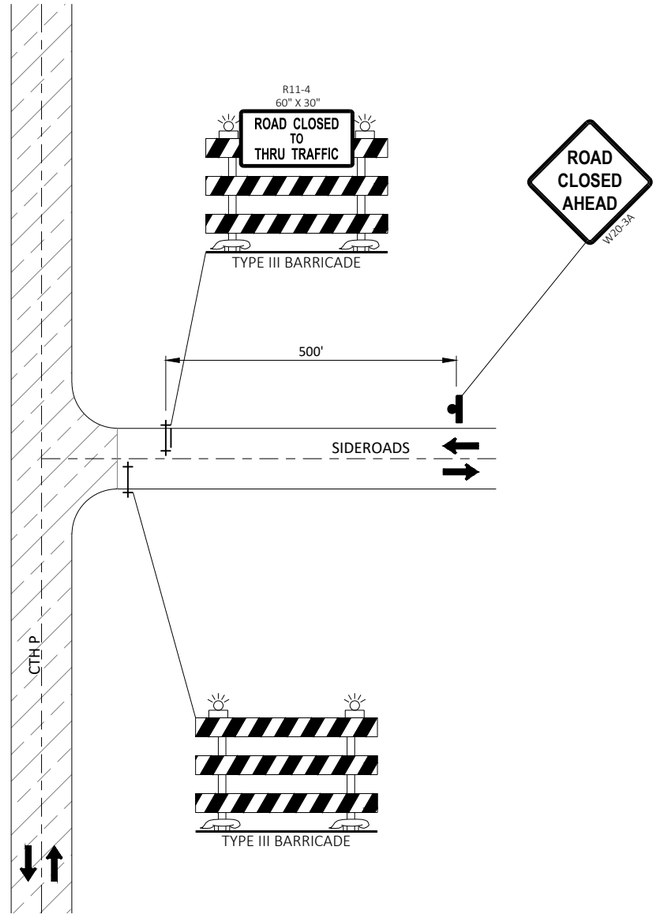
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_TRAFFIC CONTROL.DWG PLOT DATE : 4/22/2026 1:11:16 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:200 FT LAYOUT : 02



LEGEND:

- POST MOUNTED SIGN
- EXISTING SIGN ON SINGLE POST
- TYPE III BARRICADE WITH/WITHOUT SIGN
- DIRECTION OF TRAFFIC FLOW
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- COVER SIGN

DETAIL C



DETAIL D

FORDEG RD
KRUEGER RD
JONES RD
SECOND ST
FIRST ST

2

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	TRAFFIC CONTROL	SHEET 64	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_TRAFFIC CONTROL.DWG PLOT DATE : 4/22/2026 1:11:18 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:200 FT LAYOUT : 03

2

NOTES

LIMIT SIDEWALK CLOSURES TO ONE INTERSECTION QUADRANT OR ONE SIDE OF THE STREET AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

PEDESTRIAN PATH AREA TO BE EXISTING CONCRETE SIDEWALK OR APPROVED TEMPORARY PEDESTRIAN SURFACE.

LOCATION OF TEMPORARY CROSSWALK TO BE DETERMINED BY THE ENGINEER. DO NOT LOCATE IN EXISTING DRIVEWAY.

LOCATION OF TRAFFIC CONTROL DEVICES TO BE DETERMINED BY THE ENGINEER.

TEMPORARY CROSSWALKS SHALL BE MOVED AS NEEDED TO PROVIDE CONTINUOUS PEDESTRIAN ACCESS THROUGHOUT THE PROJECT.

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECTABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

PROHIBIT STREET PARKING FOR AT LEAST 50 FEET IN ADVANCE OF CROSSWALKS

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

FOR NIGHTTIME CLOSURE, USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS, AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

FOR CURB RAMP INSTALLATION ON SIDEROADS, USE FLAGGING OPERATIONS AS NEEDED.

SDD REFERENCED

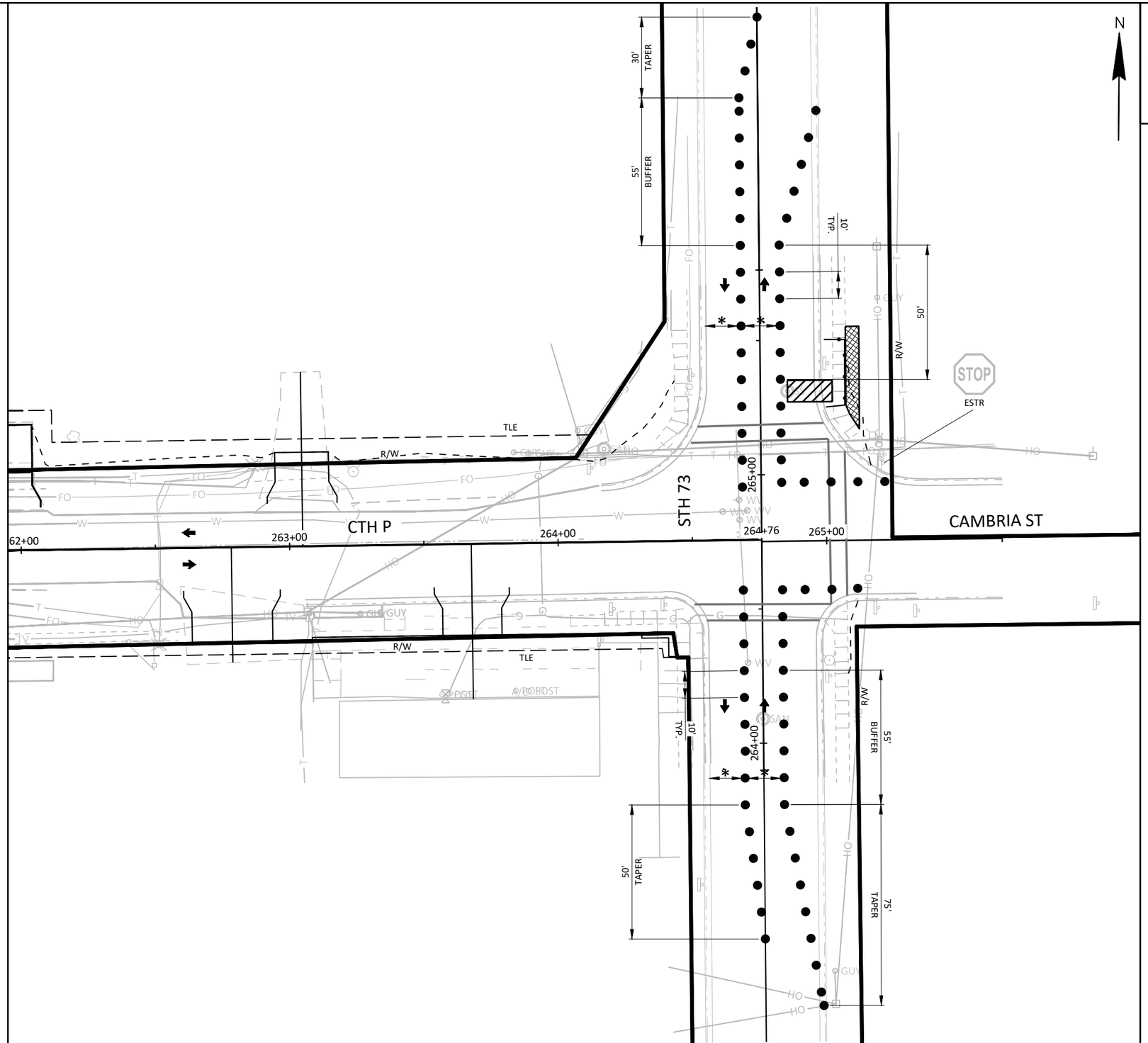
SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD TRAFFIC CONTROL, FULL LANE SHIFT, NON-FREEWAY/EXPRESSWAY OR MULTI-LANE DIVIDED 45 MPH AND UNDER

SDD TRAFFIC CONTROL, ADVANCED WIDTH RESTRICTION SIGNING

LEGEND

- DIRECTION OF TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TRAFFIC CONTROL DRUM WITH/WITHOUT WARNING LIGHT TYPE C (STEADY BURN) AT MAXIMUM 10 FOOT SPACING
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH
- XXXXXXXX MARKING REMOVAL LINE 4-INCH
- * MAINTAIN A MINIMUM OF 11' LANES WITH 1' BUFFER TO TRAFFIC CONTROL DRUMS
- COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- ESTR EXISTING SIGN TO REMAIN
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PEDESTRIAN TRAFFIC CONTROL - STH 73	SHEET 65	E

2

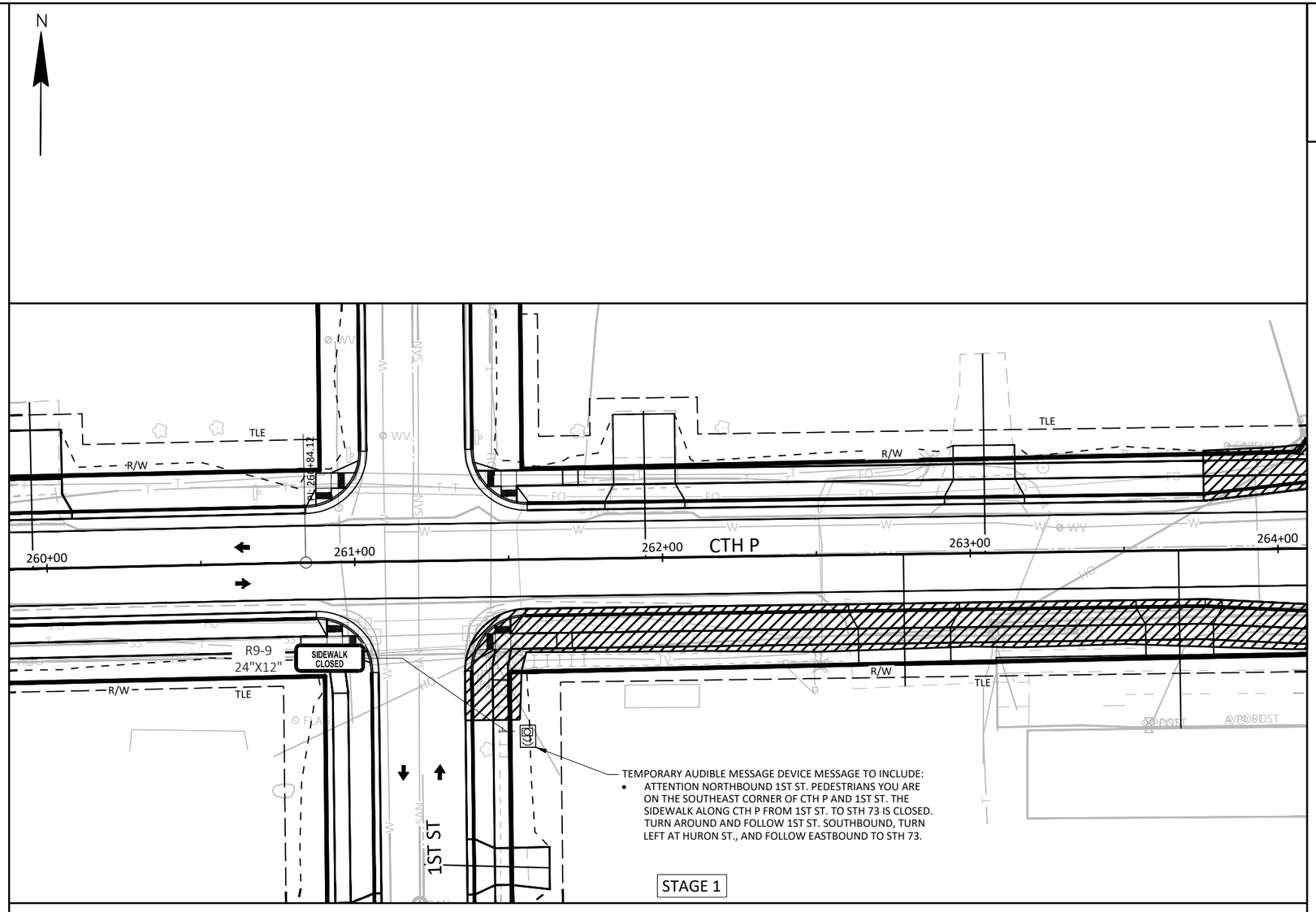
SDD REFERENCED

SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD TRAFFIC CONTROL, ADVANCED WIDTH RESTRICTION SIGNING

LEGEND

- DIRECTION OF TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TRAFFIC CONTROL DRUM WITH/WITHOUT WARNING LIGHT TYPE C (STEADY BURN) AT MAXIMUM 10 FOOT SPACING
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH
- XXXXXXXX MARKING REMOVAL LINE 4-INCH
- * MAINTAIN A MINIMUM OF 11' LANES WITH 1' BUFFER TO TRAFFIC CONTROL DRUMS
- COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- ESTR EXISTING SIGN TO REMAIN
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PEDESTRIAN TRAFFIC CONTROL - 1ST STREET & STH 73 WEST	SHEET 66	E

2

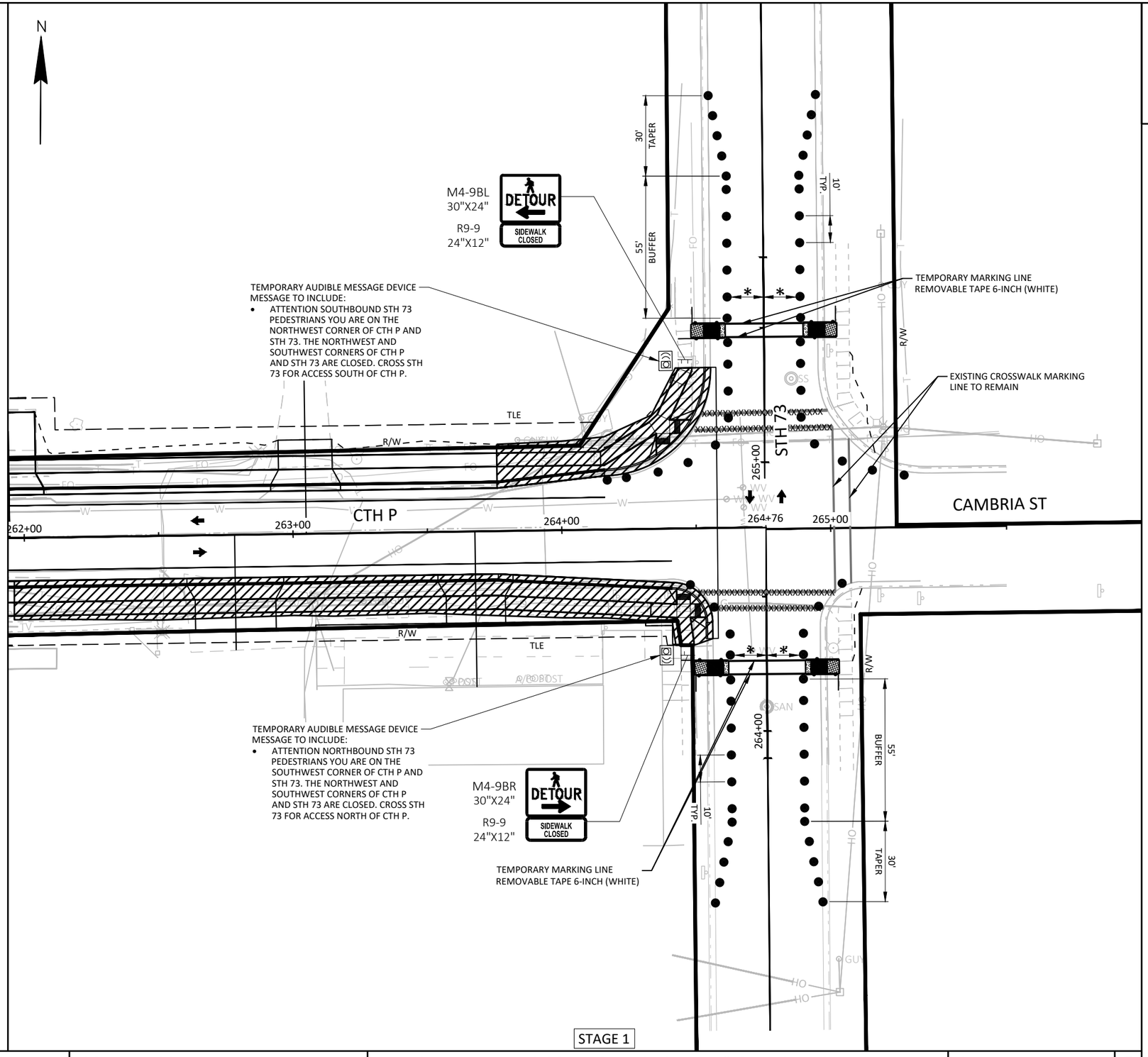
SDD REFERENCED

SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD TRAFFIC CONTROL, ADVANCED WIDTH RESTRICTION SIGNING

LEGEND

- DIRECTION OF TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TRAFFIC CONTROL DRUM WITH/WITHOUT WARNING LIGHT TYPE C (STEADY BURN) AT MAXIMUM 10 FOOT SPACING
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH
- XXXXXXXX MARKING REMOVAL LINE 4-INCH
- * MAINTAIN A MINIMUM OF 11' LANES WITH 1' BUFFER TO TRAFFIC CONTROL DRUMS
- COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- ESTR EXISTING SIGN TO REMAIN
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



STAGE 1

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PEDESTRIAN TRAFFIC CONTROL - 1ST STREET & STH 73 WEST	SHEET 67	E

2

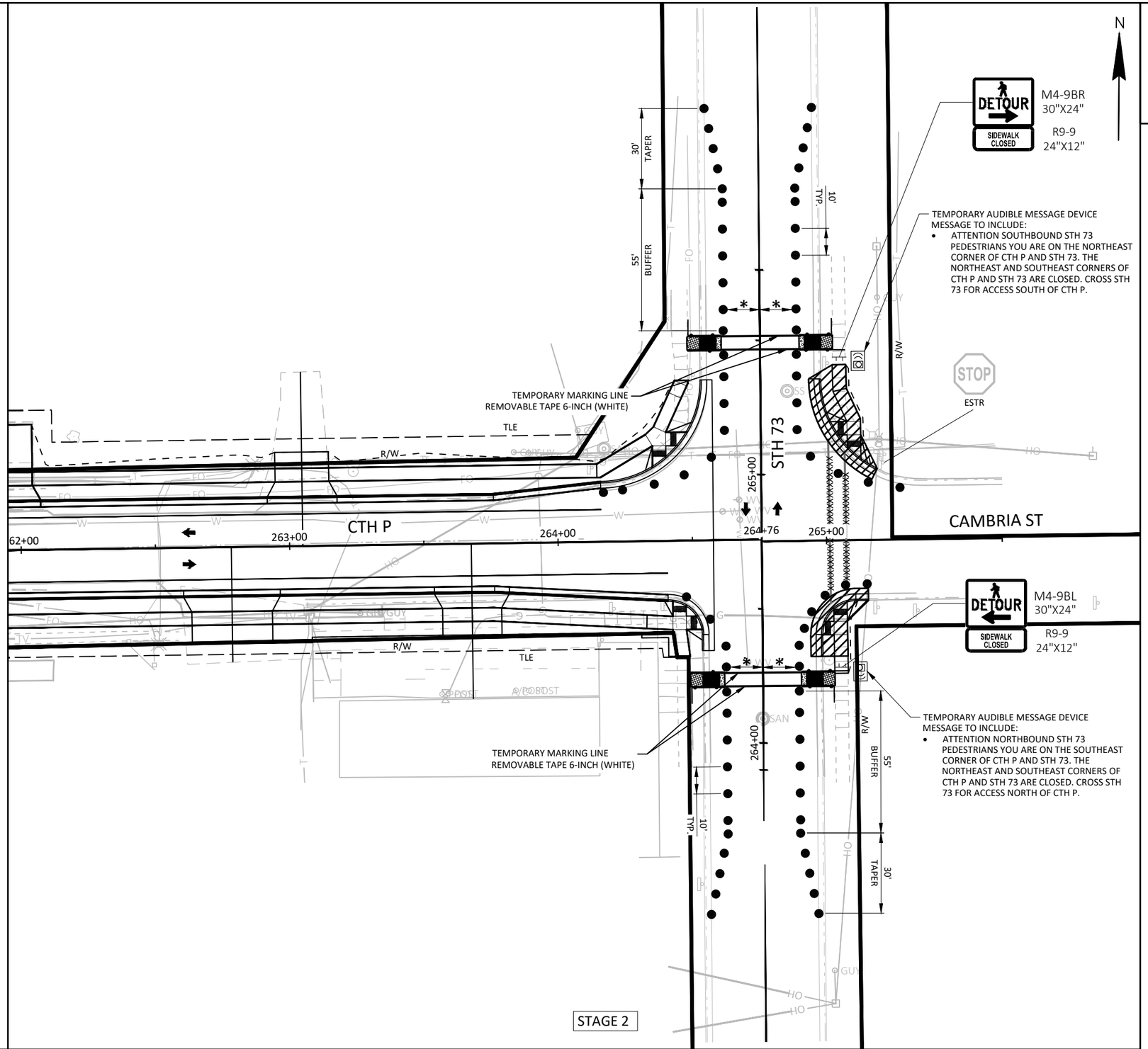
SDD REFERENCED

SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

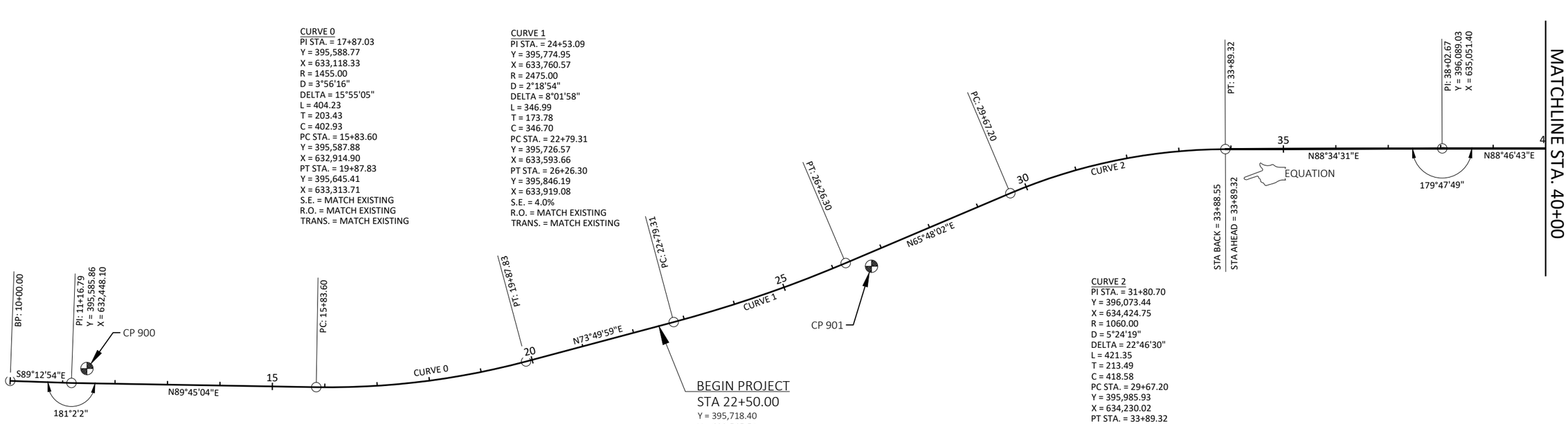
SDD TRAFFIC CONTROL, ADVANCED WIDTH RESTRICTION SIGNING

LEGEND

- DIRECTION OF TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TRAFFIC CONTROL DRUM WITH/WITHOUT WARNING LIGHT TYPE C (STEADY BURN) AT MAXIMUM 10 FOOT SPACING
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH
- XXXXXXXX MARKING REMOVAL LINE 4-INCH
- * MAINTAIN A MINIMUM OF 11' LANES WITH 1' BUFFER TO TRAFFIC CONTROL DRUMS
- COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- ESTR EXISTING SIGN TO REMAIN
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



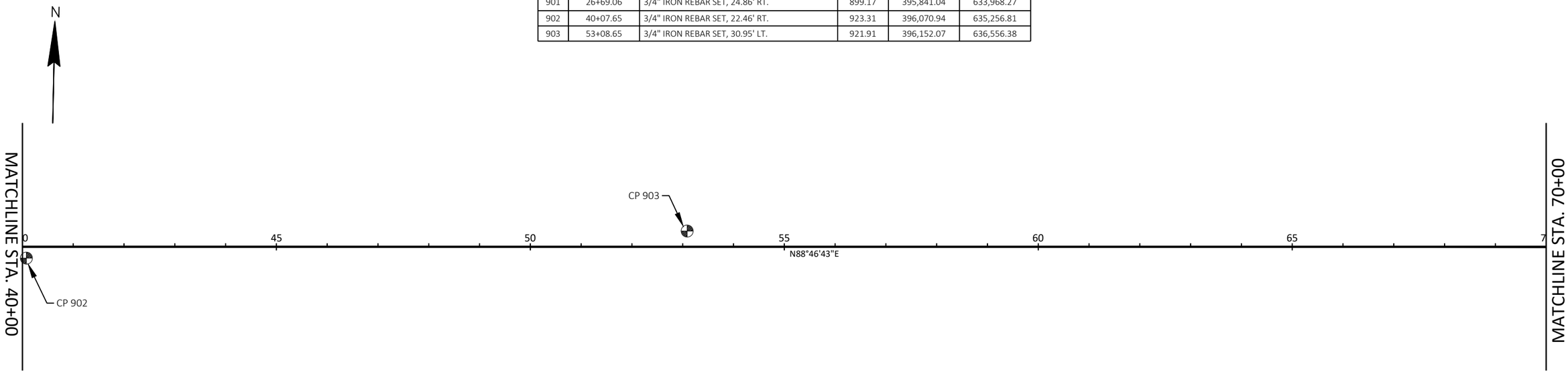
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PEDESTRIAN TRAFFIC CONTROL - STH 73 EAST	SHEET 68	E



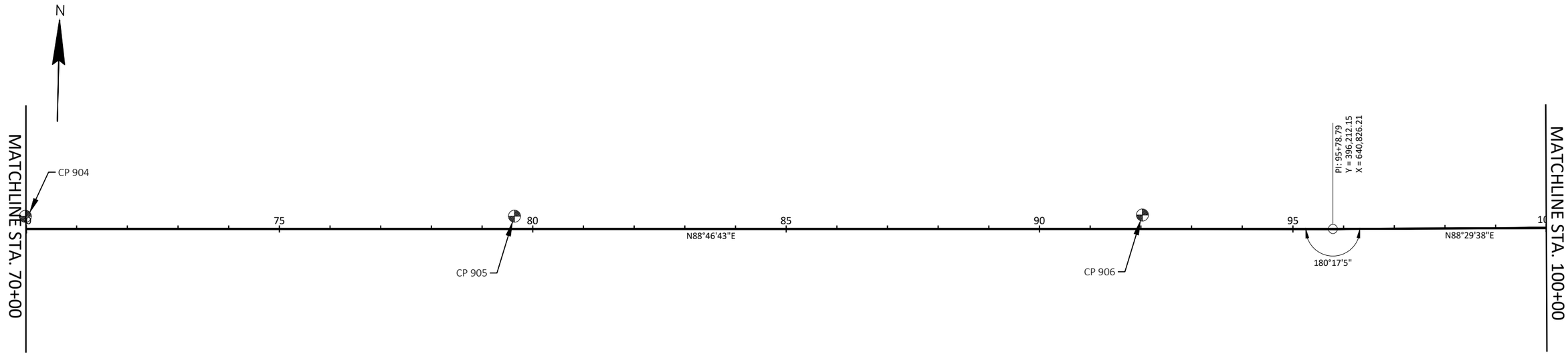
BEGIN PROJECT
STA 22+50.00
Y = 395,718.40
X = 633,565.51

CONTROL POINTS

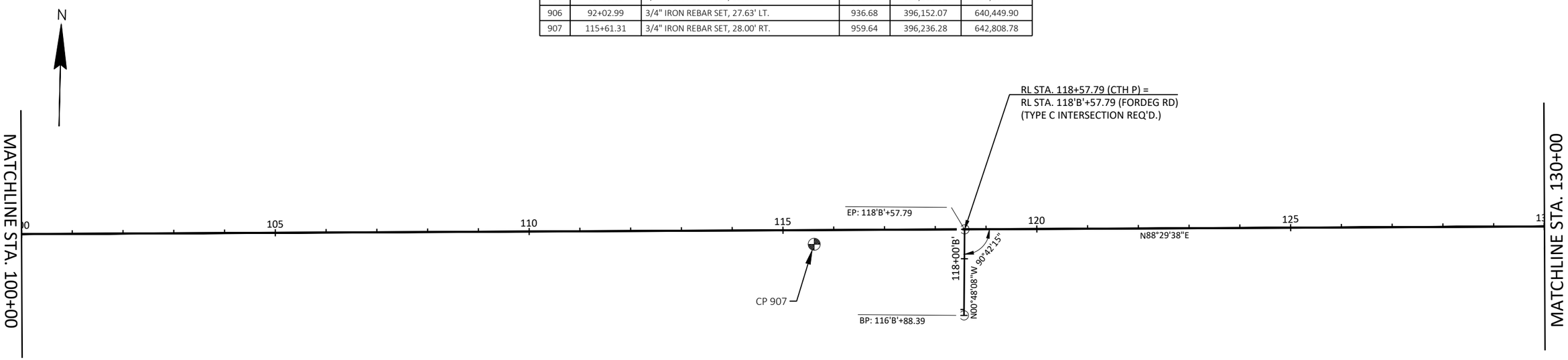
NO.	STATION	DESCRIPTION	ELEV.	Y	X
900	11+45.74	3/4" IRON REBAR SET, 28.02' RT.	895.97	395,614.00	632,476.93
901	26+69.06	3/4" IRON REBAR SET, 24.86' RT.	899.17	395,841.04	633,968.27
902	40+07.65	3/4" IRON REBAR SET, 22.46' RT.	923.31	396,070.94	635,256.81
903	53+08.65	3/4" IRON REBAR SET, 30.95' LT.	921.91	396,152.07	636,556.38



2

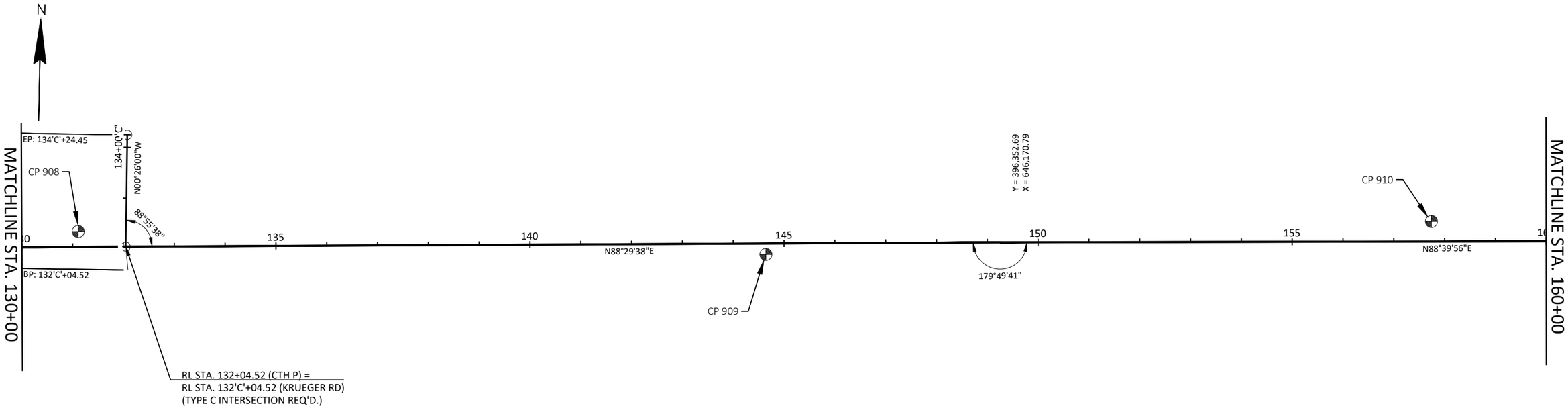


CONTROL POINTS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
904	69+98.86	3/4" IRON REBAR SET, 24.90' LT.	937.08	396,182.05	638,246.34
905	79+63.88	3/4" IRON REBAR SET, 25.21' LT.	938.04	396,202.93	639,211.13
906	92+02.99	3/4" IRON REBAR SET, 27.63' LT.	936.68	396,152.07	640,449.90
907	115+61.31	3/4" IRON REBAR SET, 28.00' RT.	959.64	396,236.28	642,808.78

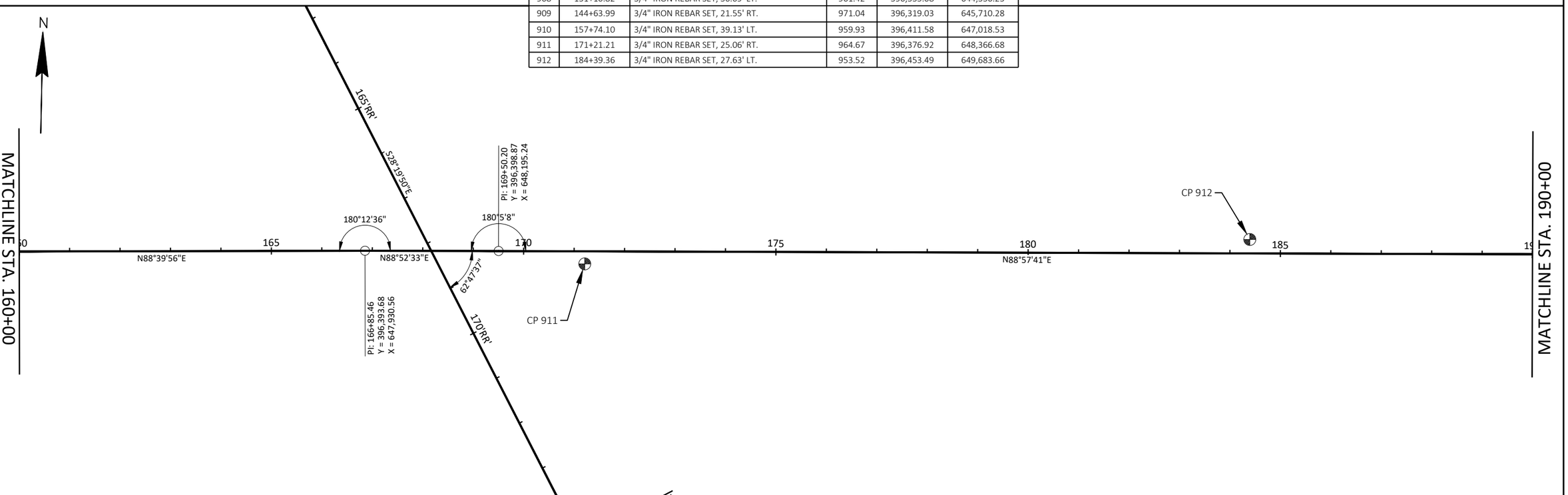


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET 70	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_ALIGNMENT DETAILS.DWG PLOT DATE : 4/22/2026 1:12:21 PM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1 IN:200 FT LAYOUT : LAYOUT 2

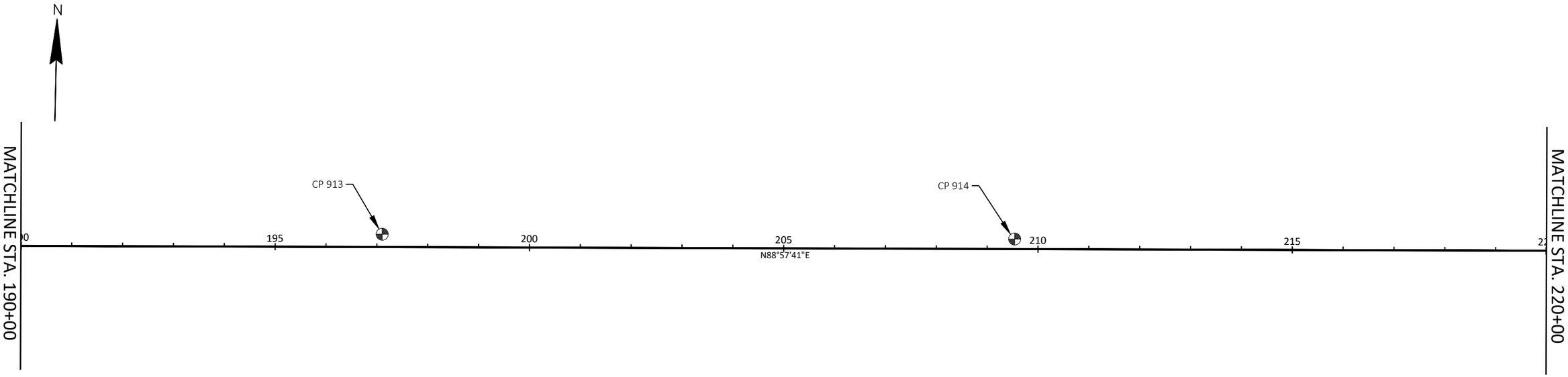


CONTROL POINTS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
908	131+10.82	3/4" IRON REBAR SET, 30.09' LT.	961.42	396,335.08	644,356.23
909	144+63.99	3/4" IRON REBAR SET, 21.55' RT.	971.04	396,319.03	645,710.28
910	157+74.10	3/4" IRON REBAR SET, 39.13' LT.	959.93	396,411.58	647,018.53
911	171+21.21	3/4" IRON REBAR SET, 25.06' RT.	964.67	396,376.92	648,366.68
912	184+39.36	3/4" IRON REBAR SET, 27.63' LT.	953.52	396,453.49	649,683.66

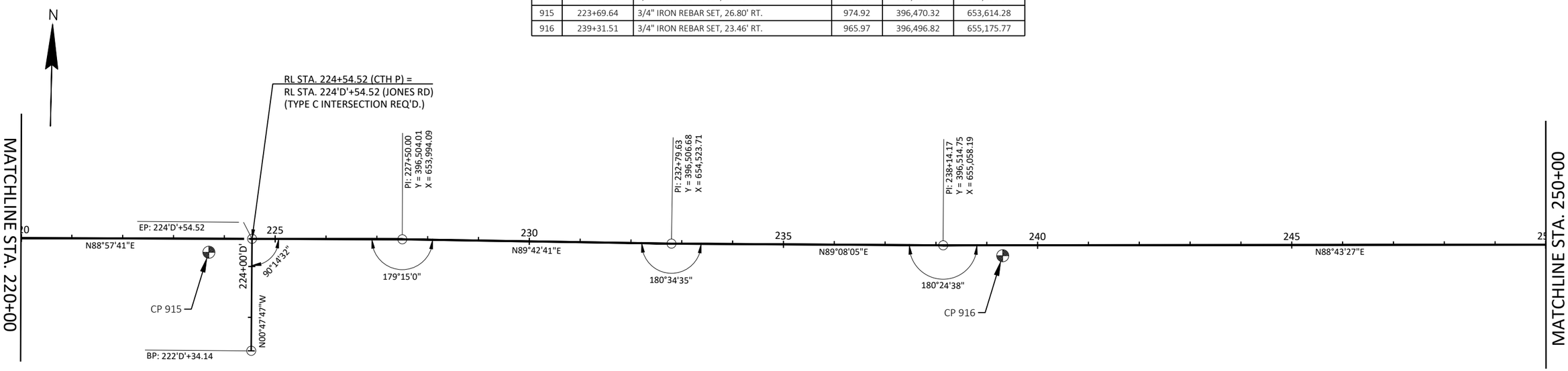


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET	E

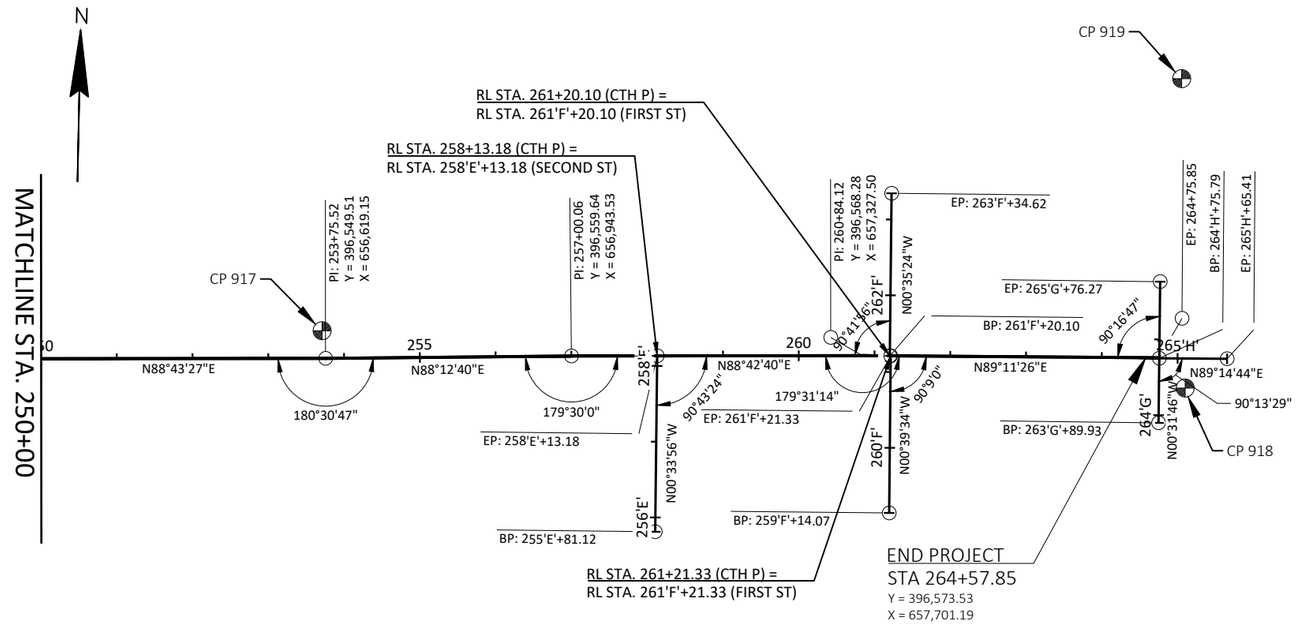
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_ALIGNMENT DETAILS.DWG
PLOT DATE : 4/22/2026 1:12:22 PM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1 IN:200 FT
LAYOUT : LAYOUT 3



CONTROL POINTS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
913	197+10.27	3/4" IRON REBAR SET, 25.14' LT.	966.43	396,474.04	650,954.41
914	209+54.01	3/4" IRON REBAR SET, 19.68' LT.	973.76	396,491.13	652,198.04
915	223+69.64	3/4" IRON REBAR SET, 26.80' RT.	974.92	396,470.32	653,614.28
916	239+31.51	3/4" IRON REBAR SET, 23.46' RT.	965.97	396,496.82	655,175.77



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	ALIGNMENT DETAILS	SHEET 72	E



CONTROL POINTS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
917	253+70.81	3/4" IRON REBAR SET, 33.83' LT.	953.04	396,586.06	656,613.67
918	264'G'+36.24	3/4" IRON REBAR SET, 34.77' RT.	965.01	396,534.59	657,754.32
919	265'H'+02.29	3/4" IRON REBAR SET, 369.24' LT.	961.46	396,942.72	657,740.83

CURVE 1

STATION	LEFT	RIGHT	COMMENT
22+11.31	2.00% <--	0.00% --	LEVEL CROWN
22+50.00	2.00% <--	1.52% <--	BEGIN PROJECT
22+62.31	2.00% <--	2.00% <--	REVERSE CROWN
22+79.31	2.67% <--	2.67% <--	P.C. STATION - CURVE 1
23+00.00	3.48% <--	3.48% <--	
23+13.31	4.00% <--	4.00% <--	BEGIN FULL SUPER
23+50.00	4.00% <--	4.00% <--	
24+00.00	4.00% <--	4.00% <--	
24+50.00	4.00% <--	4.00% <--	
25+00.00	4.00% <--	4.00% <--	
25+50.00	4.00% <--	4.00% <--	
25+92.30	4.00% <--	4.00% <--	END FULL SUPER
26+00.00	3.70% <--	3.70% <--	
26+26.30	2.67% <--	2.67% <--	P.T. STATION - CURVE 1
26+43.30	2.00% <--	2.00% <--	REVERSE CROWN
26+50.00	2.00% <--	1.74% <--	
26+94.30	2.00% <--	0.00% --	LEVEL CROWN
27+00.00	2.00% <--	0.22% -->	
27+45.30	2.00% <--	2.00% -->	BEGIN NORMAL CROWN

CURVE 2

STATION	LEFT	RIGHT	COMMENT
28+43.40	2.00% <--	2.00% -->	END NORMAL CROWN
28+50.00	1.74% <--	2.00% -->	
28+94.40	0.00% --	2.00% -->	LEVEL CROWN
29+00.00	0.22% -->	2.00% -->	
29+45.40	2.00% -->	2.00% -->	REVERSE CROWN
29+50.00	2.18% -->	2.18% -->	
29+96.40	4.00% -->	4.00% -->	P.C. STATION - CURVE 2
30+00.00	4.14% -->	4.14% -->	
30+47.40	6.00% -->	6.00% -->	BEGIN FULL SUPER
30+50.00	6.00% -->	6.00% -->	
31+00.00	6.00% -->	6.00% -->	
31+50.00	6.00% -->	6.00% -->	
32+00.00	6.00% -->	6.00% -->	
32+50.00	6.00% -->	6.00% -->	
33+00.00	6.00% -->	6.00% -->	
33+09.12	6.00% -->	6.00% -->	END FULL SUPER
33+50.00	4.40% -->	4.40% -->	
33+60.12	4.00% -->	4.00% -->	P.T. STATION - CURVE 2
34+00.00	2.44% -->	2.44% -->	
34+11.12	2.00% -->	2.00% -->	REVERSE CROWN
34+50.00	0.48% -->	2.00% -->	
34+62.12	0.00% --	2.00% -->	LEVEL CROWN
35+00.00	1.49% <--	2.00% -->	
35+13.12	2.00% <--	2.00% -->	BEGIN NORMAL CROWN

2

Estimate Of Quantities

6994-00-72

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	35.000	35.000
0004	201.0205	Grubbing	STA	35.000	35.000
0006	203.0100	Removing Small Pipe Culverts	EACH	46.000	46.000
0008	203.0220	Removing Structure (structure) 01. 3-FT x 3-FT Concrete Box, STA. 57+09	EACH	1.000	1.000
0010	203.0220	Removing Structure (structure) 02. 3-FT x 5-FT Concrete Box, STA. 68+33	EACH	1.000	1.000
0012	203.0220	Removing Structure (structure) 03. 2-FT x 3-FT Concrete Box, STA. 238+17	EACH	1.000	1.000
0014	203.0220	Removing Structure (structure) 04. 2-FT x 3-FT Concrete Box, STA. 250+50	EACH	1.000	1.000
0016	204.0100	Removing Concrete Pavement	SY	425.000	425.000
0018	204.0150	Removing Curb & Gutter	LF	900.000	900.000
0020	204.0155	Removing Concrete Sidewalk	SY	285.000	285.000
0022	204.0220	Removing Inlets	EACH	4.000	4.000
0024	204.0245	Removing Storm Sewer (size) 01. 12-INCH	LF	350.000	350.000
0026	205.0100	Excavation Common	CY	53,800.000	53,800.000
0028	208.0100	Borrow	CY	4,470.000	4,470.000
0030	213.0100	Finishing Roadway (project) 01. 6994-00-72	EACH	1.000	1.000
0032	305.0110	Base Aggregate Dense 3/4-Inch	TON	4,740.000	4,740.000
0034	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	89,600.000	89,600.000
0036	450.4000	HMA Cold Weather Paving	TON	1,790.000	1,790.000
0038	455.0605	Tack Coat	GAL	5,840.000	5,840.000
0040	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000
0042	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	2.000	2.000
0044	460.2005	Incentive Density PWL HMA Pavement	DOL	20,484.000	20,484.000
0046	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	4,850.000	4,850.000
0048	460.2010	Incentive Air Voids HMA Pavement	DOL	29,760.000	29,760.000
0050	460.5223	HMA Pavement 3 LT 58-28 S	TON	16,030.000	16,030.000
0052	460.5224	HMA Pavement 4 LT 58-28 S	TON	13,730.000	13,730.000
0054	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	207.000	207.000
0056	465.0315	Asphaltic Flumes	SY	246.000	246.000
0058	465.0520	Asphaltic Rumble Strips, Shoulder	LF	46,540.000	46,540.000
0060	465.0560	Asphaltic Rumble Strips, Centerline	LF	20,090.000	20,090.000
0062	504.0900	Concrete Masonry Endwalls	CY	10.000	10.000
0064	521.0342	Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 42-Inch 4 to 1	EACH	4.000	4.000
0066	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	2.000	2.000
0068	521.1015	Apron Endwalls for Culvert Pipe Steel 15-Inch	EACH	2.000	2.000
0070	521.1018	Apron Endwalls for Culvert Pipe Steel 18-Inch	EACH	2.000	2.000
0072	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	16.000	16.000
0074	521.1030	Apron Endwalls for Culvert Pipe Steel 30-Inch	EACH	8.000	8.000
0076	521.1036	Apron Endwalls for Culvert Pipe Steel 36-Inch	EACH	2.000	2.000
0078	521.1072	Apron Endwalls for Culvert Pipe Steel 72-Inch	EACH	4.000	4.000
0080	521.1518	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	EACH	62.000	62.000
0082	521.1524	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 6 to 1	EACH	2.000	2.000
0084	521.1530	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 30-Inch 6 to 1	EACH	2.000	2.000
0086	521.1900	Pipe Cattle Pass Corrugated Steel	LF	86.000	86.000
0088	521.3112	Culvert Pipe Corrugated Steel 12-Inch	LF	38.000	38.000
0090	521.3115	Culvert Pipe Corrugated Steel 15-Inch	LF	36.000	36.000
0092	521.3118	Culvert Pipe Corrugated Steel 18-Inch	LF	1,172.000	1,172.000
0094	521.3124	Culvert Pipe Corrugated Steel 24-Inch	LF	542.000	542.000
0096	521.3130	Culvert Pipe Corrugated Steel 30-Inch	LF	380.000	380.000
0098	521.3136	Culvert Pipe Corrugated Steel 36-Inch	LF	60.000	60.000

6994-00-72

Line	Item	Item Description	Unit	Total	Qty
0100	521.3142	Culvert Pipe Corrugated Steel 42-Inch	LF	124.000	124.000
0102	521.3172	Culvert Pipe Corrugated Steel 72-Inch	LF	198.000	198.000
0104	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	1.000	1.000
0106	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	1.000	1.000
0108	522.2614	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	EACH	1.000	1.000
0110	522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH	1.000	1.000
0112	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	2,135.000	2,135.000
0114	602.0405	Concrete Sidewalk 4-Inch	SF	8,100.000	8,100.000
0116	602.0415	Concrete Sidewalk 6-Inch	SF	770.000	770.000
0118	602.0810	Concrete Driveway 6-Inch	SY	410.000	410.000
0120	602.1500	Concrete Steps	SF	99.000	99.000
0122	606.0100	Riprap Light	CY	26.000	26.000
0124	606.0300	Riprap Heavy	CY	35.000	35.000
0126	606.0700	Grouted Riprap Heavy	CY	11.000	11.000
0128	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	369.000	369.000
0130	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	431.000	431.000
0132	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	303.000	303.000
0134	608.2414	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	LF	50.000	50.000
0136	608.2424	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF	456.000	456.000
0138	611.0530	Manhole Covers Type J	EACH	5.000	5.000
0140	611.0624	Inlet Covers Type H	EACH	10.000	10.000
0142	611.0639	Inlet Covers Type H-S	EACH	5.000	5.000
0144	611.0645	Inlet Covers Type MS-A	EACH	3.000	3.000
0146	611.2003	Manholes 3-FT Diameter	EACH	1.000	1.000
0148	611.2004	Manholes 4-FT Diameter	EACH	1.000	1.000
0150	611.2005	Manholes 5-FT Diameter	EACH	3.000	3.000
0152	611.3004	Inlets 4-FT Diameter	EACH	6.000	6.000
0154	611.3230	Inlets 2x3-FT	EACH	9.000	9.000
0156	611.3901	Inlets Median 1 Grate	EACH	3.000	3.000
0158	611.8110	Adjusting Manhole Covers	EACH	1.000	1.000
0160	618.0100	Maintenance and Repair of Haul Roads (project) 01. 6994-00-72	EACH	1.000	1.000
0162	619.1000	Mobilization	EACH	1.000	1.000
0164	624.0100	Water	MGAL	1,400.000	1,400.000
0166	625.0100	Topsoil	SY	2,180.000	2,180.000
0168	625.0500	Salvaged Topsoil	SY	90,500.000	90,500.000
0170	627.0200	Mulching	SY	126,400.000	126,400.000
0172	628.1504	Silt Fence	LF	22,000.000	22,000.000
0174	628.1520	Silt Fence Maintenance	LF	44,000.000	44,000.000
0176	628.1905	Mobilizations Erosion Control	EACH	10.000	10.000
0178	628.1910	Mobilizations Emergency Erosion Control	EACH	8.000	8.000
0180	628.2004	Erosion Mat Class I Type B	SY	39,700.000	39,700.000
0182	628.2008	Erosion Mat Urban Class I Type B	SY	640.000	640.000
0184	628.2023	Erosion Mat Class II Type B	SY	730.000	730.000
0186	628.7005	Inlet Protection Type A	EACH	18.000	18.000
0188	628.7015	Inlet Protection Type C	EACH	15.000	15.000
0190	628.7504	Temporary Ditch Checks	LF	2,160.000	2,160.000
0192	628.7555	Culvert Pipe Checks	EACH	200.000	200.000
0194	629.0210	Fertilizer Type B	CWT	90.000	90.000
0196	630.0130	Seeding Mixture No. 30	LB	6,810.000	6,810.000

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Line	Item	Item Description	Unit	Total	Qty
0198	630.0140	Seeding Mixture No. 40	LB	170.000	170.000
0200	630.0300	Seeding Borrow Pit	LB	250.000	250.000
0202	630.0500	Seed Water	MGAL	3,700.000	3,700.000
0204	633.5100	Markers ROW	EACH	202.000	202.000
0206	633.5200	Markers Culvert End	EACH	34.000	34.000
0208	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	7.000	7.000
0210	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	44.000	44.000
0212	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	5.000	5.000
0214	637.2210	Signs Type II Reflective H	SF	114.760	114.760
0216	637.2230	Signs Type II Reflective F	SF	180.420	180.420
0218	638.2102	Moving Signs Type II	EACH	20.000	20.000
0220	638.2602	Removing Signs Type II	EACH	41.000	41.000
0222	638.3000	Removing Small Sign Supports	EACH	41.000	41.000
0224	638.4000	Moving Small Sign Supports	EACH	9.000	9.000
0226	642.5001	Field Office Type B	EACH	1.000	1.000
0228	643.0300	Traffic Control Drums	DAY	2,478.000	2,478.000
0230	643.0420	Traffic Control Barricades Type III	DAY	3,402.000	3,402.000
0232	643.0705	Traffic Control Warning Lights Type A	DAY	6,804.000	6,804.000
0234	643.0900	Traffic Control Signs	DAY	5,218.000	5,218.000
0236	643.0920	Traffic Control Covering Signs Type II	EACH	4.000	4.000
0238	643.1051	Traffic Control Signs PCMS with TMC Communications	DAY	28.000	28.000
0240	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	115.000	115.000
0242	643.5000	Traffic Control	EACH	1.000	1.000
0244	644.1440	Temporary Pedestrian Surface Matting	SF	262.000	262.000
0246	644.1601	Temporary Pedestrian Curb Ramp	DAY	112.000	112.000
0248	644.1605	Temporary Pedestrian Detectable Warning Field	SF	40.000	40.000
0250	644.1810	Temporary Pedestrian Barricade	LF	170.000	170.000
0252	644.1900.S	Temporary Audible Message Devices	DAY	70.000	70.000
0254	645.0120	Geotextile Type HR	SY	120.000	120.000
0256	645.0130	Geotextile Type R	SY	110.000	110.000
0258	645.0140	Geotextile Type SAS	SY	36.000	36.000
0260	646.2020	Marking Line Epoxy 6-Inch	LF	82,100.000	82,100.000
0262	646.5320	Marking Railroad Crossing Epoxy	EACH	7.000	7.000
0264	646.6120	Marking Stop Line Epoxy 18-Inch	LF	54.000	54.000
0266	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	666.000	666.000
0268	646.9000	Marking Removal Line 4-Inch	LF	310.000	310.000
0270	648.0100	Locating No-Passing Zones	MI	4.580	4.580
0272	650.4000	Construction Staking Storm Sewer	EACH	28.000	28.000
0274	650.4500	Construction Staking Subgrade	LF	24,890.000	24,890.000
0276	650.5000	Construction Staking Base	LF	24,890.000	24,890.000
0278	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	9,245.000	9,245.000
0280	650.6000	Construction Staking Pipe Culverts	EACH	19.000	19.000
0282	650.9000	Construction Staking Curb Ramps	EACH	9.000	9.000
0284	650.9500	Construction Staking Sidewalk (project) 01. 6994-00-72	EACH	1.000	1.000
0286	650.9911	Construction Staking Supplemental Control (project) 01. 6994-00-72	EACH	1.000	1.000
0288	650.9920	Construction Staking Slope Stakes	LF	24,890.000	24,890.000
0290	680.0100	Public Land Survey Monument Verify and Reset	EACH	8.000	8.000
0292	690.0150	Sawing Asphalt	LF	621.000	621.000
0294	690.0250	Sawing Concrete	LF	352.000	352.000

Estimate Of Quantities

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Line	Item	Item Description	Unit	Total	Qty
0296	740.0440	Incentive IRI Ride	DOL	18,340.000	18,340.000
0298	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000	2,400.000
0300	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	3,200.000	3,200.000
0302	SPV.0090	Special 01. Concrete Curb & Gutter 4-Inch Sloped 24-Inch Type D	LF	7,110.000	7,110.000

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REMOVING SMALL PIPE CULVERTS

STATION	LOCATION	DESCRIPTION	203.0100 (EACH)
28+22	MAINLINE, CROSS	24" CPCS: L=49'	1
32+78	MAINLINE, CROSS	12" CPCS; L=45'	1
48+41	MAINLINE, CROSS	24" CPCS; L=54'	1
81+04	MAINLINE, CROSS	42" CMCP; L=50'	1
94+75	MAINLINE, CROSS	24" CPCS; L=51'	1
102+80	MAINLINE, CROSS	42" CPCS: L=80'	1
121+48	MAINLINE, CROSS	24" CPCS; L=53'	1
133+63	MAINLINE, CROSS	24" CPCS; L=46'	1
160+03	MAINLINE, CROSS	24" CPCS; L=51'	1
183+67	MAINLINE, CROSS	24" CPCS; L=58'	1
203+40	MAINLINE, CROSS	24" CPCS; L=65'	1
117'B'+90	B'-LINE (FORDEG ROAD), CROSS	16" CPCS; L=38'	1
133'C'+39	'C'-LINE (KRUGER ROAD), CROSS	24" CPCS; L=43'	1
261'F'+42	F'-LINE (1ST STREET NORTH), CROSS	24" CPCS; L=44'	1
64+84	MAINLINE, RT.	18" CMCP; L=24'	1
72+32	MAINLINE, LT.	18" CMCP; L=22'	1
103+82	MAINLINE, RT.	18" CMCP; L=24'	1
105+11	MAINLINE, LT.	18" CMCP; L=42.5'	1
105+44	MAINLINE, RT.	30" CMCP; L=20'	1
117'B'+55	B'-LINE (FORDEG ROAD), RT.	18" CMCP; L=42'	1
127+90	MAINLINE, LT.	18" CMCP; L=32'	1
131+73	MAINLINE, RT.	18" CMCP; L=30'	1
138+03	MAINLINE, RT.	18" CMCP; L=40'	1
145+13	MAINLINE, RT.	18" CMCP; L=20'	1
149+83	MAINLINE, LT.	18" CMCP; L=46'	1
158+62	MAINLINE, LT.	24" CMCP; L=32'	1
174+82	MAINLINE, LT.	18" CMCP; L=24'	1
189+27	MAINLINE, LT.	18" CMCP; L=24'	1
196+35	MAINLINE, RT.	18" CMCP; L=24'	1
208+82	MAINLINE, LT.	18" CMCP; L=26'	1
211+43	MAINLINE, LT.	18" CMCP; L=24'	1
211+47	MAINLINE, RT.	18" CMCP; L=22.5'	1
224+32	MAINLINE, LT.	18" CMCP; L=24'	1
233+59	MAINLINE, RT.	18" CMCP; L=34.5'	1
236+24	MAINLINE, LT.	18" CPCP; L=26'	1
237+73	MAINLINE, LT.	18" CMCP; L=19'	1
241+67	MAINLINE, RT.	18" CMCP; L=24'	1
241+99	MAINLINE, LT.	18" CMCP; L=24'	1
242+92	MAINLINE, RT.	18" CMCP; L=24'	1
244+73	MAINLINE, RT.	18" CMCP; L=24'	1
246+09	MAINLINE, RT.	18" CMCP; L=24'	1
251+20	MAINLINE, LT.	18" CMCP; L=18.5'	1
259+28	MAINLINE, LT.	18" CMCP; L=40'	1
259+95	MAINLINE, LT.	30" CMCP; L=24'	1
261+94	MAINLINE, LT.	30" CMCP; L=29'	1
263+05	MAINLINE, LT.	12" CMCP; L=32'	1
		TOTAL =	46

REMOVING INLETS

STATION	LOCATION	204.0220 (EACH)
258+39	MAINLINE, RT.	1
261+04	MAINLINE, RT.	1
261+38	MAINLINE, RT.	1
261+45	MAINLINE, RT.	1
	TOTAL =	4

CLEARING AND GRUBBING

STATION - STATION	LOCATION	201.0105 CLEARING (STA)	201.0205 GRUBBING (STA)
23+00 - 25+00	MAINLINE, RT.	2	2
26+00 - 29+00	MAINLINE	3	3
34+00 - 35+00	MAINLINE, RT.	1	1
36+00 - 53+00	MAINLINE, RT.	17	17
66+00 - 69+00	MAINLINE, RT.	3	3
155+00 - 156+00	MAINLINE, RT.	1	1
223+00 - 224+00	MAINLINE, LT.	1	1
230+00 - 231+00	MAINLINE, LT.	1	1
234+50 - 235+50	MAINLINE, LT.	1	1
242+00 - 243+00	MAINLINE, RT.	1	1
243+75 - 242+25	MAINLINE, RT.	1	1
247+00 - 248+00	MAINLINE, RT.	1	1
252+50 - 253+00	MAINLINE, RT.	1	1
256+50 - 257+50	MAINLINE, LT.	1	1
	TOTALS =	35	35

REMOVING CONCRETE PAVEMENT

STATION - STATION	LOCATION	204.0100 (SY)
103+70 - 103+90	MAINLINE, RT.	14
158+57 - 158+72	MAINLINE, LT.	19
208+76 - 208+89	MAINLINE, LT.	19
259+86 - 260+05	MAINLINE, LT.	38
261+84 - 262+05	MAINLINE, LT.	33
263+08 - 264+44	MAINLINE, RT.	158
259'F'+46 - 259'F'+61	1ST STREET, RT.	28
259'F'+48 - 259'F'+70	1ST STREET, LT.	36
259'F'+89 - 260'F'+13	1ST STREET, LT.	49
260'F'+13 - 260'F'+30	1ST STREET, RT.	31
	TOTAL =	425

REMOVING CONCRETE SIDEWALK

STATION - STATION	LOCATION	204.0155 (SY)
261+38 - 262+61	MAINLINE, RT.	50
263+04 - 264+53	MAINLINE, RT.	81
259'F'+25 - 260'F'+11	FIRST STREET, LT.	39
259'F'+25 - 260'F'+80	FIRST STREET, RT.	67
264'H'+32 - 264'H'+52	CAMBRIA STREET, RT.	12
265'H'+09 - 265'H'+35	CAMBRIA STREET, LT.	18
265'H'+10 - 265'H'+41	CAMBRIA STREET, RT.	18
	TOTAL =	285

REMOVING CURB AND GUTTER

STATION - STATION	LOCATION	204.0150 (LF)
256'E'+45 - 256'E'+48	2ND STREET, RT.	3
259'F'+25 - 261'F'+07	1ST STREET, LT. & RT.	375
261'F'+45 - 262'F'+55	1ST STREET, LT. & RT.	219
263+05 - 264+56	MAINLINE, RT.	164
264+16 - 264+56	MAINLINE, LT.	62
264'G'+29 - 264'G'+55	STH 73, RT.	34
264'G'+98 - 265'G'+36	STH 73, RT.	43
	TOTAL =	900

REMOVING STRUCTURE

STATION	LOCATION	203.0220 (EACH)
57+09	MAINLINE	1
68+33	MAINLINE	1
238+17	MAINLINE	1
250+50	MAINLINE	1
	TOTAL =	4

REMOVING STORM SEWER

STATION - STATION	LOCATION	204.0245 12-INCH (LF)
257+97 - 258+39	MAINLINE, RT.	43
258+39 - 261+04	MAINLINE, RT.	266
261+04 - 261+38	MAINLINE, RT.	34
261+38 - 261+24	MAINLINE, RT.	7
	TOTAL =	350

BASE AGGREGATE DENSE

STATION - STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH (TON)	624.0100 WATER (MGAL)
22+50 - 168+11	MAINLINE	1,780	52,926	810
168+22 - 264+58	MAINLINE	1,160	35,153	540
117'B'+00 - 117'B'+79	'B'-LINE (FORDEG RD)	13	134	2
132'C'+84 - 133'C'+75	'C'-LINE (KRUEGER RD)	15	158	3
223'D'+25 - 223'D'+76	'D'-LINE (JONES RD)	9	92	2
256'E'+45 - 257'E'+77	'E'-LINE (SECOND ST)	11	248	4
259'F'+25 - 260'F'+85	'F'-LINE (S FIRST ST)	-	309	5
261'F'+56 - 262'F'+55	'F'-LINE (N FIRST ST)	-	211	3
264'H'+94 - 265'H'+18	'H'-LINE (E CAMBRIA ST)	-	25	0
-	SIDEWALKS	-	344	5
-	DRIVEWAYS	1,752	-	26
	TOTALS =	4,740	89,600	1,400

HMA PAVEMENT

STATION - STATION	LOCATION	450.4000 HMA COLD WEATHER PAVING (TON)	455.0605 TACK COAT (GAL)	460.5223 HMA PAVEMENT 3 LT 58-28 S (TON)	460.5224 HMA PAVEMENT 4 LT 58-28 S (TON)	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES (TON)
22+50 - 168+11	MAINLINE	-	3,443	9,520	7,934	-
168+22- 264+58	MAINLINE	-	2,282	6,288	5,240	-
117'B'+00 - 118'B'+41	'B'-LINE (FORDEG RD)	-	12	59	90	-
132'C'+22 - 133'C'+75	'C'-LINE (KRUEGER RD)	-	15	60	98	-
223'D'+25 - 234'D'+38	'D'-LINE (JONES RD)	-	9	59	77	-
256'E'+45 - 257'E'+97	'E'-LINE (SECOND ST)	-	24	14	91	-
259'F'+25 - 261'F'+05	'F'-LINE (S FIRST ST)	-	31	14	112	-
261'F'+36 - 262'F'+55	'F'-LINE (N FIRST ST)	-	22	16	84	-
264'H'+94 - 265'H'+15	'H'-LINE (E CAMBRIA STREET, RT.)	-	1	-	2	-
264'H'+94 - 265'H'+18	'H'-LINE (E CAMBRIA STREET, LT.)	-	1	-	2	-
-	DRIVEWAYS	-	-	-	-	207
-	PROJECT	1,790	-	-	-	-
	TOTALS =	1,790	5,840	16,030	13,730	207

STATION - STATION	LOCATION	205.0100 COMMON EXCAVATION (CY) (1) CUT (CY) (2)	EBS EXCAVATION (CY) (3)	UNEXPANDED FILL	EXPANDED FILL (CY) FACTOR 1.25	WASTE (CY)	208.0100 BORROW (CY)	COMMENT
22+50- 264+58	MAINLINE	49,586	-	43,689	54,641	-5,055		
117'B'+00.00 - 118'B'+40	'B'-LINE (FORDEG RD)	405	-	39	49	356		
132'C'+23 - 133'C'+75	'C'-LINE (KRUEGER RD)	408	-	113	143	265		
223'D'+25 - 223'D'+37	'D'-LINE (JONES RD)	313	-	2	2	311		
256'E'+45- 257'E'+97	'E'-LINE (SECOND ST)	446	-	27	33	413		
259'F'+25 - 261'F'+05	F'-LINE (S FIRST ST)	862	-	58	73	790		
261'F'+36 - 262'F'+55	'F'-LINE (N FIRST ST)	306	-	9	12	294		
-	PROJECT	-	1,474	1,474	1,844	-1,844		
-	GRAND TOTAL	52,326	1,474	45,411	56,796	-4,470	4,470	
TOTAL COMMON EXCAVATION		53,800						

NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
(2) PAVEMENT MATERIAL IS EXPECTED TO BE USED AS FILL.
(3) EBS EXCAVATION TO BE BACKFILLED WITH HOMOGENEOUS ADJOINING MATERIAL.

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ASPHALTIC FLUMES

STATION - STATION	LOCATION	465.0315 (SY)
22+84 - 23+00	MAINLINE, LT.	6
37+29 - 37+50	MAINLINE, LT.	9
46+50 - 46+69	MAINLINE, LT.	8
52+31 - 52+50	MAINLINE, LT.	8
60+30 - 60+50	MAINLINE, RT.	8
60+81 - 61+00	MAINLINE, LT.	8
65+25 - 64+32	MAINLINE, RT.	7
65+50 - 65+67	MAINLINE, LT.	7
69+80 - 70+00	MAINLINE, RT.	9
76+25 - 76+40	MAINLINE, LT.	6
83+81 - 84+00	MAINLINE, LT.	8
87+00 - 87+17	MAINLINE, LT.	7
95+79 - 96+00	MAINLINE, LT.	9
113+26 - 113+50	MAINLINE, RT.	12
115+00 - 115+20	MAINLINE, RT.	8
125+79 - 126+00	MAINLINE, RT.	10
137+05 - 137+25	MAINLINE, RT.	9
145+77 - 146+00	MAINLINE, LT.	11
150+50 - 150+70	MAINLINE, LT.	9
195+32 - 195+50	MAINLINE, RT.	8
206+50 - 206+75	MAINLINE, LT.	12
207+05 - 207+25	MAINLINE, RT.	9
208+75 - 208+97	MAINLINE, RT.	10
209+25 - 209+42	MAINLINE, LT.	7
235+75 - 235+93	MAINLINE, RT.	7
242+15 - 242+33	MAINLINE, LT.	8
254+19 - 254+50	MAINLINE, LT.	16
257+28 - 257+50	MAINLINE, RT.	10
TOTAL =		246

ASPHALTIC RUMBLE STRIPS, SHOULDER

STATION - STATION	LOCATION	465.0520 (LF)
25+50 - 32+28	MAINLINE, LT.	678
25+50 - 61+26	MAINLINE, RT.	3,576
33+16 - 61+49	MAINLINE, LT.	2,833
62+76 - 103+33	MAINLINE, RT.	4,057
62+29 - 84+87	MAINLINE, LT.	2,258
85+70 - 104+67	MAINLINE, LT.	1,897
104+27 - 116+81	MAINLINE, RT.	1,254
105+73 - 108+73	MAINLINE, LT.	7,504
112+25 - 130+90	MAINLINE, LT.	1,865
119+72 - 145+65	MAINLINE, RT.	2,593
133+75 - 137+67	MAINLINE, LT.	392
138+59 - 148+21	MAINLINE, LT.	962
146+55 - 167+19	MAINLINE, RT.	2,064
148+89 - 149+50	MAINLINE, LT.	61
150+17 - 158+21	MAINLINE, LT.	804
159+00 - 167+02	MAINLINE, LT.	802
169+14 - 174+39	MAINLINE, LT.	525
169+41 - 195+98	MAINLINE, RT.	2,657
175+33 - 188+76	MAINLINE, LT.	1,343
189+79 - 198+09	MAINLINE, LT.	830
196+68 - 222+74	MAINLINE, RT.	2,606
198+90 - 208+40	MAINLINE, LT.	950
209+17 - 210+98	MAINLINE, LT.	181
211+91 - 223+83	MAINLINE, LT.	1,192
224+73 - 231+06	MAINLINE, LT.	633
225+69 - 233+19	MAINLINE, RT.	750
231+92 - 236+40	MAINLINE, LT.	448
234+00 - 240+50	MAINLINE, RT.	650
238+07 - 239+13	MAINLINE, LT.	106
239+81 - 240+50	MAINLINE, LT.	69
TOTAL =		46,540

CURB & GUTTER

STATION - STATION	LOCATION	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D (LF)	SPV.0090.01 CONCRETE CURB & GUTTER 4-INCH SLOPED 24-INCH TYPE D (LF)	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER (LF)
23+00 - 27+50	MAINLINE, LT.	-	450	450
37+50 - 46+50	MAINLINE, LT.	-	900	900
52+50 - 55+50	MAINLINE, LT.	-	300	300
60+50 - 65+25	MAINLINE, RT.	-	475	475
61+00 - 65+50	MAINLINE, LT.	-	450	450
70+00 - 73+50	MAINLINE, RT.	-	350	350
75+75 - 76+25	MAINLINE, LT.	-	50	50
84+00 - 87+00	MAINLINE, LT.	-	300	300
96+00 - 100+00	MAINLINE, LT.	-	400	400
113+50 - 115+00	MAINLINE, RT.	-	150	150
126+00 - 131+00	MAINLINE, RT.	-	500	500
137+25 - 139+00	MAINLINE, RT.	-	175	175
146+00 - 150+50	MAINLINE, LT.	-	450	450
195+50 - 200+50	MAINLINE, RT.	-	500	500
206+75 - 209+25	MAINLINE, LT.	-	250	250
207+25 - 208+75	MAINLINE, LT.	-	150	150
232+50 - 235+75	MAINLINE, LT.	-	325	325
235+80 - 242+15	MAINLINE, LT.	-	635	635
254+50 - 257+50	MAINLINE, LT.	-	300	300
257+50 - 261+02	MAINLINE, LT.	363	-	363
257+50 - 257+97	MAINLINE, RT.	57	-	57
258+29 - 261+05	MAINLINE, RT.	297	-	297
261+37 - 264+54	MAINLINE, RT.	341	-	341
261+38 - 264+54	MAINLINE, LT.	348	-	348
256'E'+45 - 257'E'+98	E'-LINE (SECOND ST, RT.)	133	-	133
259'F'+25 - 260'F'+85	'F'-LINE (S FIRST ST, RT.)	160	-	160
259'F'+25 - 260'F'+85	'F'-LINE (S FIRST ST, LT.)	160	-	160
261'F'+56 - 262'F'+55	'F'-LINE (S FIRST ST, RT.)	99	-	99
261'F'+56 - 262'F'+55	'F'-LINE (S FIRST ST, LT.)	99	-	99
264'H'+98 - 265'H'+15	''H'-LINE (E CAMBRIA STREET, RT.)	36	-	36
264'H'+98 - 265'H'+23	'H'-LINE (E CAMBRIA STREET, LT.)	42	-	42
TOTALS =		2,135	7,110	9,245

3

ASPHALTIC RUMBLE STRIPS, CENTERLINE

STATION - STATION	LOCATION	465.0560 (LF)
25+50 - 116+58	MAINLINE	9,109
120+58 - 130+04	MAINLINE	946
134+04 - 167+11	MAINLINE	3,307
169+22 - 222+55	MAINLINE	5,333
226+55 - 240+50	MAINLINE	1,395
TOTAL =		20,090

CATTLE PASS

STATION - STATION	LOCATION	504.0900 CONCRETE MASONRY ENDWALLS (CY)	521.1900 PIPE CATTLE PASS CORRUGATED STEEL (LF)	602.1500 CONCRETE STEPS (SF)	606.0700 GROUTED RIPRAP HEAVY (CY)	633.5200 MARKERS CULVERT END* (EACH)	650.6000 CONSTRUCTION STAKING PIPE CULVERTS* (EACH)
81+04	MAINLINE, CROSS	10	86	99	11	2	1
TOTALS =		10	86	99	11	2	1

*MORE LISTED ELSEWHERE

PWL MIXTURE USE TABLE

The following acceptance criteria are applicable for this project:

LOCATION	STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED FOR:	
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
12 Foot Driving Lanes	22+50 - 168+11.12, 168+22.47 - 264+57.85	Upper Layer	3 LT 58-28 S	4 LT 58-28 S	9,312	2.5"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
12 Foot Driving Lanes	22+50 - 168+11.12, 168+22.47 - 264+57.85	Lower Layer	Base Aggregate	3 LT 58-28 S	11,172	3"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
5 Foot Shoulders	22+50 - 168+11.12, 168+22.47 - 264+57.85	Upper Layer	3 LT 58-28 S	4 LT 58-28 S	3,862	2.5"	PWL Incentive Air Voids HMA Pavement 460.2010	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
5 Foot Shoulders	22+50 - 168+11.12, 168+22.47 - 264+57.85	Lower Layer	Base Aggregate	3 LT 58-28 S	4,636	3"	PWL Incentive Air Voids HMA Pavement 460.2010	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
Intersection Tapers & Side Roads	22+50 - 168+11.12, 168+22.47 - 264+57.85	Upper Layer	3 LT 58-28 S	4 LT 58-28 S	185	2.5"	PWL Incentive Air Voids HMA Pavement 460.2010	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
Intersection Tapers & Side Roads	22+50 - 168+11.12, 168+22.47 - 264+57.85	Lower Layer	Base Aggregate	3 LT 58-28 S	222	3"	PWL Incentive Air Voids HMA Pavement 460.2010	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
Intersection Tapers & Side Roads	22+50 - 168+11.12, 168+22.47 - 264+57.85	Upper Layer	Base Aggregate	4 LT 58-28 S	371	3.5"	PWL Incentive Air Voids HMA Pavement 460.2010	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\DETAILS\69940002_MQ.DWG PLOT DATE : 5/18/2026 9:39:58 AM PLOT BY : PRESTIN VANDERHEYDEN LAYOUT : 02

CULVERT PIPES

STATION	LOCATION	521.0342 APRON ENDWALLS FOR CULVERT PIPE SLOPED CROSS DRAINS STEEL 42-INCH 4 TO 1 (EACH)	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH (EACH)	521.1015 APRON ENDWALLS FOR CULVERT PIPE STEEL 15-INCH (EACH)	521.1018 APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH (EACH)	521.1024 APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH (EACH)	521.1030 APRON ENDWALLS FOR CULVERT PIPE STEEL 30-INCH (EACH)	521.1036 APRON ENDWALLS FOR CULVERT PIPE STEEL 36-INCH (EACH)	521.1072 APRON ENDWALLS FOR CULVERT PIPE STEEL 72-INCH (EACH)	521.1518 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAIN STEEL 18-INCH 6 TO 1 (EACH)	521.1524 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAIN STEEL 24-INCH 6 TO 1 (EACH)	521.1530 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAIN STEEL 30-INCH 6 TO 1 (EACH)	521.3112 CULVERT PIPE CORRUGATED STEEL 12-INCH (LF)	521.3115 CULVERT PIPE CORRUGATED STEEL 15-INCH (LF)	521.3118 CULVERT PIPE CORRUGATED STEEL 18-INCH (LF)	521.3124 CULVERT PIPE CORRUGATED STEEL 24-INCH (LF)	521.3130 CULVERT PIPE CORRUGATED STEEL 30-INCH (LF)	521.3136 CULVERT PIPE CORRUGATED STEEL 36-INCH (LF)	521.3142 CULVERT PIPE CORRUGATED STEEL 42-INCH (LF)	521.3172 CULVERT PIPE CORRUGATED STEEL 72-INCH (LF)	633.5200 MARKERS CULVERT END* (EACH)	650.6000 CONSTRUCTION STAKING PIPE CULVERTS* (EACH)
28+30	MAINLINE, CROSS	-	-	-	-	2	-	-	-	-	-	-	-	-	-	68	-	-	-	-	2	1
33+00	MAINLINE, CROSS	-	-	-	-	2	-	-	-	-	-	-	-	-	-	74	-	-	-	-	2	1
48+40	MAINLINE, CROSS	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	60	-	-	2	1
57+10	MAINLINE, CROSS	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	78	-	-	-	2	1
64+84	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	32	-	-	-	-	-	-	-
68+35	MAINLINE, CROSS	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	92	2	1
72+32	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	44	-	-	-	-	-	-	-
76+65	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	28	-	-	-	-	-	-	-
94+75	MAINLINE, CROSS	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	84	-	-	-	2	1
102+80	MAINLINE, CROSS	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	106	2	1
103+82	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	32	-	-	-	-	-	-	-
105+11	MAINLINE, LT.	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	48	-	-	-	-	-
105+44	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	28	-	-	-	-	-	-	-
109+29	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	50	-	-	-	-	-	-	-
110+65	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	24	-	-	-	-	-	-	-
111+80	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	34	-	-	-	-	-	-	-
122+50	MAINLINE, CROSS	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	74	-	-	-	2	1
127+90	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	42	-	-	-	-	-	-	-
131+76	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	32	-	-	-	-	-	-	-
133+62	MAINLINE, CROSS	-	-	-	-	2	-	-	-	-	-	-	-	-	-	72	-	-	-	-	2	1
138+03	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	64	-	-	-	-	-	-	-
145+13	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	36	-	-	-	-	-	-	-
146+05	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	34	-	-	-	-	-	-	-
149+83	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	36	-	-	-	-	-	-	-
158+62	MAINLINE, LT.	-	-	-	-	-	-	-	-	-	2	-	-	-	-	32	-	-	-	-	-	-
160+03	MAINLINE, CROSS	-	-	-	-	4	-	-	-	-	-	-	-	-	-	108	-	-	-	-	2	2
174+82	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	26	-	-	-	-	-	-	-
183+67	MAINLINE, CROSS	-	-	-	-	2	-	-	-	-	-	-	-	-	-	56	-	-	-	-	2	1
189+27	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	28	-	-	-	-	-	-	-
196+35	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	44	-	-	-	-	-	-	-
198+49	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	38	-	-	-	-	-	-	-
203+40	MAINLINE, CROSS	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	96	-	-	-	2	1
206+99	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	48	-	-	-	-	-	-	-
211+43	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	44	-	-	-	-	-	-	-
212+00	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	34	-	-	-	-	-	-	-
224+32	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	38	--	-	-	-	-	-	-
230+00	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	34	-	-	-	-	-	-	-
230+53	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	36	-	-	-	-	-	-	-
231+49	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	28	-	-	-	-	-	-	-
233+59	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	38	-	-	-	-	-	-	-
235+75	MAINLINE, CROSS	-	-	-	-	2	-	-	-	-	-	-	-	-	-	72	-	-	-	-	2	1
236+24	MAINLINE, LT.	-	-	-	-	-	-	-	-	2	-	-	-	-	20	-	-	-	-	-	-	-
241+67	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	34	-	-	-	-	-	-	-
242+92	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	50	-	-	-	-	-	-	-
244+73	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	32	-	-	-	-	-	-	-
246+09	MAINLINE, RT.	-	-	-	-	-	-	-	-	2	-	-	-	-	32	-	-	-	-	-	-	-
250+50	MAINLINE, CROSS	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124	-	2	2
251+20	MAINLINE, LT.	-	-	2	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	-
117'B'+55	FORDEG ROAD, RT.	-	2	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	-
117'B'+90	FORDEG ROAD, CROSS	-	-	-	2	-	-	-	-	-	-	-	-	-	52	-	-	-	-	-	2	1
133'C'+40	KRUEGER ROAD, CROSS	-	-	-	-	2	-	-	-	-	-	-	-	-	-	60	-	-	-	-	2	1
	TOTALS =	4	2	2	2	16	8	2	4	62	2	2	38	36	1,172	542	380	60	124	198	32	18

*MORE LISTED ELSEWHERE

PIPE SIZE	MINIMUM THICKNESS (IN) STEEL
12-INCH	0.064
18-INCH	0.064
24-INCH	0.064
30-INCH	0.079
36-INCH	0.079
42-INCH	0.109
72-INCH	0.138

3

CONCRETE SIDEWALK 4-INCH

STATION - STATION	LOCATION	602.0405 (SF)
258+31 - 261+03	MAINLINE, RT.	1,403
260+88 - 261+00	MAINLINE, LT.	86
261+39 - 264+53	MAINLINE, RT.	2,518
261+40 - 264+49	MAINLINE, LT.	1,513
256'E'+11 - 257'E'+85	2ND STREET, RT.	867
259'F'+25 - 260'F'+92	1ST STREET, LT.	645
259'F'+25 - 260'F'+92	1ST STREET, RT.	714
264'H'+98 - 265'H'+07	CAMBRIA STREET, RT.	153
265'H'+02 - 265'H'+13	CAMBRIA STREET, LT.	201
	TOTAL =	8,100

CONCRETE SIDEWALK 6-INCH

STATION - STATION	LOCATION	602.0415 (SF)
261+84 - 262+04	MAINLINE, LT.	100
262+36 - 262+93	MAINLINE, RT.	150
262+95 - 263+15	MAINLINE, LT.	100
263+57 - 263+79	MAINLINE, RT.	111
259'F'+47 - 259'F'+59	1ST STREET, RT.	60
259'F'+50 - 259'F'+68	1ST STREET, LT.	90
259'F'+90 - 260'F'+10	1ST STREET, LT.	99
260'F'+16 - 260'F'+28	1ST STREET, RT.	60
	TOTAL =	770

STORM SEWER PIPE

PIPE NUMBER	FROM STRUCTURE	TO STRUCTURE	UPSTREAM ELEVATION	DISCHARGE ELEVATION	SLOPE (%)	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH (LF)	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH (LF)	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH (LF)	608.2414 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14x23-INCH (LF)	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24x38-INCH (LF)
20	63	64	965.30	964.15	1.95	MAINLINE, CROSS	-	59	-	-	-
19	52	53	963.18	962.62	1.02	MAINLINE, CROSS	-	-	55	-	-
P - 0.0	MH 1.0	EW 0.0	950.93	950.64	0.58	MAINLINE, LT.	-	-	-	-	50
P - 1.0	MH 2.0	MH 1.0	953.28	950.95	0.58	MAINLINE	-	-	-	-	406
P - 2.0	MH 3.0	MH 2.0	955.19	953.36	0.75	MAINLINE	-	-	248	-	-
P - 3.0	MH 4.0	MH 3.0	955.86	955.23	1.20	MAINLINE	-	56	-	-	-
P - 4.0	MH 5.0	MH 4.0	958.87	955.90	1.24	MAINLINE	-	243	-	-	-
P - 5.0	I 6.0	MH 5.0	959.98	959.39	0.85	MAINLINE, LT.	-	73	-	-	-
P - 2.1	I 2.1	MH 2.0	954.70	954.36	2.50	MAINLINE, LT.	17	-	-	-	-
P - 2.2	I 2.2	MH 2.0	954.70	954.36	2.50	MAINLINE, RT.	17	-	-	-	-
P - 2.3	I 2.3.1	EW 2.3	953.60	953.51	0.18	2ND STREET, CROSS	-	-	-	50	-
P - 2.3.1	I 2.3.2	I 2.3.1	953.93	953.76	1.00	2ND STREET, RT.	20	-	-	-	-
P - 2.4	I 2.4	I 2.3.1	954.49	953.76	0.70	2ND STREET, RT.	107	-	-	-	-
P - 2.5	I 2.5	I 2.4	954.56	954.51	0.70	2ND STREET, RT.	10	-	-	-	-
P - 3.1	I 3.1	MH 3.0	956.62	956.23	1.20	MAINLINE, LT.	36	-	-	-	-
P - 3.2	I 3.2	MH 3.0	956.62	956.23	1.20	MAINLINE, RT.	36	-	-	-	-
P - 3.3	I 3.3	I 3.2	956.74	956.66	1.20	1ST STREET, LT.	10	-	-	-	-
P - 4.1	I 4.1	MH 4.0	956.52	956.40	0.90	MAINLINE, LT.	17	-	-	-	-
P - 4.2	I 4.2	I 4.1	956.79	956.55	0.90	MAINLINE, LT.	30	-	-	-	-
P - 4.3	I 4.3	MH 4.0	956.03	955.90	1.00	MAINLINE, RT.	17	-	-	-	-
P - 4.4	I 4.4	I 4.3	956.84	956.57	1.00	MAINLINE, RT.	31	-	-	-	-
P - 4.5	I 4.5	I 4.4	956.94	956.88	1.00	1ST STREET, RT.	10	-	-	-	-
P - 6.0	I 7.0	EX. 6.0	961.41	961.38	0.50	STH 73, RT.	11	-	-	-	-
						TOTALS =	369	431	303	50	456

NOTES:
PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE

STORM SEWER STRUCTURES

STRUCTURE	STATION	LOCATION	RIM ELEVATION (FT)	STRUCTURE DEPTH (FT)	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH (EACH)	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH (EACH)	522.2614 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 14X23 - INCH (EACH)	522.2624 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24x38 - INCH (EACH)	611.0530 MANHOLE COVERS TYPE J (EACH)	611.0624 INLET COVERS TYPE H (EACH)	611.0639 INLET COVERS TYPE H-S (EACH)	611.0645 INLET COVERS TYPE MS-A (EACH)	611.2003 MANHOLES 3-FT DIAMETER (EACH)	611.2004 MANHOLES 4-FT DIAMETER (EACH)	611.2005 MANHOLES 5-FT DIAMETER (EACH)	611.3004 INLETS 4-FT DIAMETER (EACH)	611.3230 INLETS 2X3-FT (EACH)	611.3901 INLETS MEDIAN 1 GRATE (EACH)	611.8110 ADJUSTING MANHOLE COVERS (EACH)	650.4000 CONSTRUCTION STAKING STORM SEWER (EACH)
EW 0.0	254+13.34	36.9', LT.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
MH 1.0	254+50.00	0.0'	955.61	3.42	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1
MH 2.0	258+56.43	0.0'	957.70	3.18	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1
I 2.1	258+56.43	17.0', LT.	957.34	1.64	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1
I 2.2	258+56.43	17.0', RT.	957.34	1.64	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1
EW 2.3	257+76.84	34.5', LT.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
I 2.3.1	257'E'+67.24	15.0', RT.	956.43	1.83	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1
I 2.3.2	257'E'+76.75	32.16', RT.	956.35	2.43	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1
I 2.4	256'E'+60.00	15.0', RT.	957.76	2.27	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1
I 2.5	256'E'+50.00	15.0', RT.	957.92	2.36	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1
MH 3.0	261+04.79	0.0'	960.80	4.37	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1
I 3.1	261'F'+55.96	17.0', LT.	960.23	2.61	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1
I 3.2	260'F'+85.24	15.0', LT.	960.28	2.66	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1
I 3.3	260'F'+75.24	15.0', LT.	960.30	2.56	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1
I 4.1	261+60.88	17.0', LT.	961.12	3.60	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	1
I 4.2	261'F'+56.23	17.0', RT.	960.23	2.44	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1
I 4.3	261+60.88	17.0', RT.	961.12	4.09	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	1
I 4.4	260'F'+85.42	15.0', RT.	960.28	2.44	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1
I 4.5	260'F'+75.42	15.0', RT.	960.30	2.35	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1
MH 4.0	261+60.88	0.0'	961.48	4.38	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	1
MH 5.0	264+03.63	0.0'	964.33	4.22	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	1
I 6.0	265'G'+27.61	21.8', LT.	965.09	4.11	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	1
EX 6.0	265'G'+31.02	10.1', RT.	965.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
I 7.0	265'G'+31.04	21.2'. RT.	965.08	2.67	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1
52	238+30.00	28.1', LT.	967.00	3.82	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1
53	238+30.00	26.9', RT.	964.87	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
63	237+50.00	28.0', LT.	967.70	2.40	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1
64	237+50.00	31.0', RT.	965.86	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
				TOTALS=	1	1	1	1	5	10	5	3	1	1	3	6	9	3	1	28

NOTES:
STATION AND OFFSET OF MANHOLES 3-FT DIAMETER, MANHOLES 4-FT DIAMETER, MANHOLES 5-FT DIAMETER, INLETS 4-FT DIAMETER, INLETS 2X3-FT, AND INLETS MEDIAN 1 GRATE ARE MEASURED FROM CENTER OF STRUCTURE
ALL RIM ELEVATIONS FOR INLET COVERS TYPE HM ARE MEASURED TO THE FLANGE OF THE INLET
ALL RIM ELEVATIONS FOR MANHOLE COVERS TYPE J AND INLET COVERS TYPE C ARE MEASURED TO TOP OF STRUCTURE
STRUCTURE DEPTH = RIM ELEVATION - INVERT LOWEST PIPE - 6 INCHES (RINGS) - CASTING HEIGHT (VARIES - SEE SDD 08A05)
STRUCTURE DEPTH FOR MEDIAN INLETS = RIM ELEVATION - INVERT OF LOWEST PIPE

3

SILT FENCE

STATION - STATION	LOCATION	628.1504 SILT FENCE (LF)	628.1520 SILT FENCE MAINTENANCE (LF)
22+50 - 23+50	MAINLINE, RT.	104	208
23+80 - 30+50	MAINLINE, RT.	694	1,388
35+50 - 38+50	MAINLINE, RT.	302	604
40+00 - 41+00	MAINLINE, RT.	104	208
41+15 - 60+50	MAINLINE, RT.	2,047	4,094
62+50 - 64+00	MAINLINE, RT.	151	302
65+50 - 69+00	MAINLINE, RT.	388	776
74+50 - 75+50	MAINLINE, RT.	100	200
77+00 - 84+81	MAINLINE, RT.	820	1,640
86+50 - 97+50	MAINLINE, RT.	1,158	2,316
101+50 - 102+75	MAINLINE, RT.	136	272
107+00 - 111+50	MAINLINE, RT.	458	916
115+50 - 126+50	MAINLINE, LT.	1,126	2,252
116+00 - 117+50	MAINLINE, RT.	151	302
132+00 - 134+50	MAINLINE, RT.	267	534
132+40 - 138+00	MAINLINE, LT.	722	1,444
138+20 - 144+00	MAINLINE, LT.	589	1,178
149+50 - 158+28	MAINLINE, RT.	880	1,760
159+50 - 167+88	MAINLINE, LT.	862	1,724
167+58 - 168+21	MAINLINE, RT.	70	140
168+15 - 168+70	MAINLINE, LT.	53	106
168+50 - 169+50	MAINLINE, RT.	112	224
176+50 - 188+00	MAINLINE, LT.	1,170	2,340
181+00 - 184+00	MAINLINE, RT.	325	650
191+00 - 196+50	MAINLINE, LT.	552	1,104
201+50 - 204+50	MAINLINE, RT.	316	632
202+50 - 205+50	MAINLINE, LT.	322	644
213+00 - 223+00	MAINLINE, RT.	1,001	2,002
213+50 - 221+50	MAINLINE, LT.	800	1,600
236+00 - 240+68	MAINLINE, RT.	523	1,046
243+00 - 249+00	MAINLINE, LT.	601	1,202
243+50 - 244+60	MAINLINE, RT.	109	218
244+80 - 245+50	MAINLINE, RT.	70	140
250+50 - 255+00	MAINLINE, RT.	451	902
223'D'+30 - 224'D'+00	D'-LINE (JONES RD, LT.)	74	148
	UNDISTRIBUTED	4,392	8,784
	TOTALS =	22,000	44,000

CONCRETE DRIVEWAYS 6-INCH

STATION	LOCATION	602.0810 (SY)
158+62	MAINLINE, LT.	8
208+82	MAINLINE, LT.	6
259+28	MAINLINE, LT.	76
259+95	MAINLINE, LT.	63
261+94	MAINLINE, LT.	55
262+78	MAINLINE, RT.	21
263+05	MAINLINE, LT.	14
263+68	MAINLINE, RT.	27
259F'F+54	FIRST STREET, RT.	28
259'F'+58	FIRST STREET, LT.	36
260'F'03	FIRST STREET, LT.	46
260'F'+23	FIRST STREET, RT.	30
	TOTAL =	410

MOBILIZATION EROSION CONTROL

PROJECT	628.1905 MOBILIZATION EROSION CONTROL (EACH)	628.1910 MOBILIZATION EMERGENCY EROSION CONTROL (EACH)
6994-00-72	10	8
TOTALS =	10	8

RIPRAP & GEOTEXTILE

STATION	SIZE	LOCATION	606.0100 RIPRAP LIGHT (CY)	606.0300 RIPRAP HEAVY (CY)	645.0120 GEOTEXTILE FABRIC TYPE HR (SY)	645.0130 GEOTEXTILE FABRIC TYPE R (SY)	645.0140 GEOTEXTILE FABRIC TYPE SAS (SY)
48+40	7X42.75	MAINLINE, RT.	11	-	-	46	-
57+10	7X13.5	MAINLINE, RT.	4	-	-	16	-
68+35	14X16	MAINLINE, RT.	-	17	41	-	-
81+04	12X12	MAINLINE, RT.	-	-	29	-	-
94+75	6X20	MAINLINE, RT.	4	-	-	20	-
102+50	12X12	MAINLINE, RT.	-	11	29	-	-
122+50	7X14	MAINLINE, LT.	4	-	-	16	-
168+02	34X4.5	MAINLINE	-	-	-	-	18
168+34	34X4.5	MAINLINE	-	-	-	-	18
203+40	6X12	MAINLINE, LT.	3	-	-	12	-
250+50	9X11	MAINLINE, LT.	-	7	21	-	-
		TOTALS =	26	35	120	110	36

EROSION MAT

STATION - STATION	LOCATION	628.2004 CLASS I TYPE B (SY)	628.2008 URBAN CLASS I TYPE B (SY)	628.2023 CLASS II TYPE B (SY)
22+80	MAINLINE, LT.	-	-	8
25+50 - 30+32	MAINLINE, RT.	883	-	-
27+53 - 29+50	MAINLINE, LT.	437	-	-
28+30	MAINLINE, RT.	-	-	8
32+62 - 37+50	MAINLINE, RT.	766	-	-
33+00	MAINLINE, RT.	-	-	8
37+25	MAINLINE, LT.	-	-	8
38+50 - 41+50	MAINLINE, LT.	1,034	-	-
41+50 - 59+50	MAINLINE, RT.	5,899	-	-
46+73	MAINLINE, LT.	-	-	8
48+50 - 52+50	MAINLINE, LT.	809	-	-
52+28	MAINLINE, LT.	-	-	8
56+54 - 58+00	MAINLINE, LT.	249	-	-
60+28	MAINLINE, RT.	-	-	8
60+78	MAINLINE, LT.	-	-	8
65+05	MAINLINE, RT.	-	-	8
65+50 - 69+50	MAINLINE, RT.	1,156	-	-
65+71	MAINLINE, LT.	-	-	8
67+50 - 69+50	MAINLINE, LT.	417	-	-
69+76	MAINLINE, RT.	-	-	8
72+05	MAINLINE, LT.	-	-	8
74+50 - 75+50	MAINLINE, LT.	258	-	-
76+44	MAINLINE, LT.	-	-	8
76+87	MAINLINE, RT.	-	-	8
77+00 - 84+50	MAINLINE, RT.	1,681	-	-
79+50 - 82+50	MAINLINE, LT.	566	-	-
83+77	MAINLINE, LT.	-	-	8
86+50 - 96+50	MAINLINE, RT.	2,908	-	-
87+20	MAINLINE, LT.	-	-	8
94+00 - 95+50	MAINLINE, LT.	305	-	-
95+75	MAINLINE, LT.	-	-	8
101+52 - 103+50	MAINLINE, RT.	-	310	-
102+50 - 103+50	MAINLINE, LT.	-	200	-
103+56	MAINLINE, RT.	-	-	8
104+86	MAINLINE, LT.	-	-	8
105+22	MAINLINE, RT.	-	-	8
107+50 - 111+50	MAINLINE, RT.	1,295	-	-
108+93	MAINLINE, LT.	-	-	8
110+44	MAINLINE, LT.	-	-	8
111+50	MAINLINE, LT.	-	-	8
113+23	MAINLINE, RT.	-	-	8
115+24	MAINLINE, RT.	-	-	8
115+62 - 125+50	MAINLINE, LT.	2,000	-	-
118+75 - 121+50	MAINLINE, RT.	415	-	-
117'B'+82	FORDEG ROAD, RT.	-	-	8
117'B'+89	FORDEG ROAD, RT.	-	-	8
125+75	MAINLINE, RT.	-	-	8
127+67	MAINLINE, LT.	-	-	8
128+09 - 131+00	MAINLINE, LT.	642	-	-
132'C'+84 - 133'C'+75	KRUEGER ROAD, LT.	156	-	-
133'C'+09	KRUEGER ROAD, RT.	-	-	8
132+04 - 135+00	MAINLINE, RT.	435	-	-
132+05	MAINLINE, RT.	-	-	8
132+30 - 136+50	MAINLINE, LT.	784	-	-
133+62	MAINLINE, RT.	-	-	8
137+00	MAINLINE, RT.	-	-	8
137+00 - 139+15	MAINLINE, RT.	360	-	-
137+62	MAINLINE, RT.	-	-	8
144+50 - 147+50	MAINLINE, RT.	453	-	-
144+90	MAINLINE, RT.	-	-	8
145+74	MAINLINE, LT.	-	-	8
145+84	MAINLINE, RT.	-	-	8
150+10	MAINLINE, LT.	-	-	8
150+74	MAINLINE, LT.	-	-	8
154+50 - 157+50	MAINLINE, RT.	375	-	-
158+90	MAINLINE, LT.	-	-	8
160+03	MAINLINE, LT.	-	-	8
161+50 - 166+50	MAINLINE, LT.	652	-	-
169+50 - 171+50	MAINLINE, RT.	207	-	-
174+50 - 179+50	MAINLINE, RT.	648	-	-
	COLUMN SUBTOTAL =	25,790	510	328

EROSION MAT

STATION - STATION	LOCATION	628.2004 CLASS I TYPE B (SY)	628.2008 URBAN CLASS I TYPE B (SY)	628.2023 CLASS II TYPE B (SY)
175+07	MAINLINE, LT.	-	-	8
176+50 - 179+50	MAINLINE, LT.	396	-	-
183+67	MAINLINE, LT.	-	-	8
189+05	MAINLINE, LT.	-	-	8
190+50 - 196+50	MAINLINE, LT.	1,307	-	-
196+01	MAINLINE, RT.	-	-	8
196+76	MAINLINE, RT.	-	-	8
198+22	MAINLINE, LT.	-	-	8
201+00 - 205+00	MAINLINE, RT.	613	-	-
201+50 - 206+50	MAINLINE, LT.	1,219	-	-
206+47	MAINLINE, LT.	-	-	8
206+66	MAINLINE, LT.	-	-	8
207+00	MAINLINE, RT.	-	-	8
209+00	MAINLINE, RT.	-	-	8
209+45	MAINLINE, LT.	-	-	8
211+75	MAINLINE, LT.	-	-	8
212+25	MAINLINE, RT.	-	-	8
216+50 - 220+50	MAINLINE, LT.	419	-	-
224+00	MAINLINE, LT.	-	-	8
229+75	MAINLINE, LT.	-	-	8
230+27	MAINLINE, RT.	-	-	8
231+72	MAINLINE, LT.	-	-	8
233+86	MAINLINE, RT.	-	-	8
234+50 - 235+70	MAINLINE, LT.	217	-	-
236+00	MAINLINE, RT.	-	-	8
236+50 - 239+50	MAINLINE, RT.	325	-	-
236+93	MAINLINE, LT.	-	-	8
237+50	MAINLINE, RT.	-	-	6
238+30	MAINLINE, RT.	-	-	8
241+94	MAINLINE, RT.	-	-	8
242+15 - 251+00	MAINLINE, LT.	1485	-	-
242+35	MAINLINE, LT.	-	-	8
243+27	MAINLINE, RT.	-	-	8
244+95	MAINLINE, RT.	-	-	8
246+30	MAINLINE, RT.	-	-	8
250+92	MAINLINE, LT.	-	-	11
254+03	MAINLINE, LT.	-	-	13
254+17	MAINLINE, LT.	-	-	8
257+25	MAINLINE, RT.	-	-	8
257+68	MAINLINE, RT.	-	-	6
	COLUMN SUBTOTAL =	5,981	0	260
	PROJECT SUBTOTAL =	31,771	510	588
	UNDISTRIBUTED =	7,929	130	142
	TOTAL =	39,700	640	730

3

3

TEMPORARY DITCH CHECKS

STATION	LOCATION	628.7504 (LF)
22+50	MAINLINE, LT.	10
24+00	MAINLINE, LT.	10
25+50	MAINLINE, LT.	10
27+00	MAINLINE, LT.	10
28+50	MAINLINE, LT.	10
30+50	MAINLINE, LT. & RT.	20
33+15	MAINLINE, LT. & RT.	20
35+15	MAINLINE, LT.	10
37+50	MAINLINE, LT.	10
38+50	MAINLINE, RT.	10
39+50	MAINLINE, LT.	10
43+50	MAINLINE, LT.	10
48+25	MAINLINE, LT.	10
48+55	MAINLINE, LT.	10
50+50	MAINLINE, LT.	10
52+50	MAINLINE, LT.	10
54+00	MAINLINE, LT.	10
56+90	MAINLINE, LT.	10
57+30	MAINLINE, LT.	10
59+25	MAINLINE, LT.	10
60+50	MAINLINE, RT.	10
61+00	MAINLINE, LT.	10
64+50	MAINLINE, RT.	10
65+50	MAINLINE, LT. & RT.	20
67+00	MAINLINE, LT.	10
68+20	MAINLINE, LT.	10
68+50	MAINLINE, LT. & RT.	20
69+50	MAINLINE, LT.	10
70+00	MAINLINE, RT.	10
71+00	MAINLINE, LT.	10
72+00	MAINLINE, RT.	10
72+75	MAINLINE, LT.	10
74+25	MAINLINE, LT.	10
76+25	MAINLINE, RT.	10
77+00	MAINLINE, RT.	10
80+85	MAINLINE, LT.	10
80+95	MAINLINE, LT.	10
81+15	MAINLINE, LT.	20
81+25	MAINLINE, LT.	20
86+50	MAINLINE, RT.	10
87+00	MAINLINE, LT.	10
89+00	MAINLINE, LT.	10
91+00	MAINLINE, LT.	10
93+00	MAINLINE, LT.	10
94+60	MAINLINE, LT.	10
95+00	MAINLINE, LT.	10
97+50	MAINLINE, RT.	10
99+50	MAINLINE, RT.	10
102+00	MAINLINE, LT.	10
102+80	MAINLINE, RT.	10
102+90	MAINLINE, LT.	10
103+25	MAINLINE, LT.	10
104+00	MAINLINE, LT.	10
104+10	MAINLINE, RT.	10
105+60	MAINLINE, LT.	10
105+75	MAINLINE, RT.	10
107+50	MAINLINE, LT.	10
109+75	MAINLINE, LT.	10
111+50	MAINLINE, RT.	10
112+25	MAINLINE, LT.	10
COLUMN SUBTOTAL =		660

TEMPORARY DITCH CHECKS

STATION	LOCATION	628.7504 (LF)
113+50	MAINLINE, RT.	10
115+50	MAINLINE, LT.	10
116+00	MAINLINE, RT.	10
119+50	MAINLINE, RT.	10
121+00	MAINLINE, RT.	10
122+35	MAINLINE, RT.	10
122+65	MAINLINE, RT.	10
124+50	MAINLINE, RT.	10
126+00	MAINLINE, RT.	10
126+50	MAINLINE, LT.	10
128+00	MAINLINE, RT.	10
129+00	MAINLINE, LT.	10
132+20	MAINLINE, RT.	10
134+50	MAINLINE, RT.	10
136+50	MAINLINE, RT.	10
138+50	MAINLINE, RT.	10
140+00	MAINLINE, RT.	10
141+50	MAINLINE, RT.	10
143+00	MAINLINE, RT.	10
144+00	MAINLINE, LT.	10
144+75	MAINLINE, RT.	10
146+00	MAINLINE, LT.	10
147+00	MAINLINE, RT.	10
149+50	MAINLINE, RT.	10
150+50	MAINLINE, LT.	10
152+50	MAINLINE, LT.	10
154+50	MAINLINE, LT.	10
156+50	MAINLINE, LT.	10
158+00	MAINLINE, LT.	10
159+50	MAINLINE, LT.	10
159+85	MAINLINE, RT.	10
160+20	MAINLINE, RT.	10
162+00	MAINLINE, RT.	10
164+00	MAINLINE, RT.	10
166+00	MAINLINE, RT.	10
170+50	MAINLINE, LT.	10
171+00	MAINLINE, RT.	10
172+50	MAINLINE, LT.	10
173+00	MAINLINE, RT.	10
174+50	MAINLINE, LT.	10
175+00	MAINLINE, RT.	10
176+50	MAINLINE, LT.	10
177+00	MAINLINE, RT.	10
179+00	MAINLINE, RT.	10
181+00	MAINLINE, RT.	10
184+00	MAINLINE, RT.	10
186+00	MAINLINE, RT.	10
188+00	MAINLINE, LT. & RT.	20
190+00	MAINLINE, LT. & RT.	20
192+00	MAINLINE, RT.	10
194+00	MAINLINE, RT.	10
195+75	MAINLINE, RT.	10
196+50	MAINLINE, LT.	10
198+00	MAINLINE, RT.	10
201+50	MAINLINE, RT.	10
202+50	MAINLINE, LT.	10
203+25	MAINLINE, RT.	10
203+55	MAINLINE, RT.	10
204+50	MAINLINE, RT.	10
205+50	MAINLINE, LT.	10
COLUMN SUBTOTAL =		620

TEMPORARY DITCH CHECKS

STATION	LOCATION	628.7504 (LF)
206+00	MAINLINE, RT.	10
207+25	MAINLINE, RT.	10
207+50	MAINLINE, LT.	10
208+75	MAINLINE, RT.	10
210+00	MAINLINE, LT.	10
210+75	MAINLINE, RT.	10
212+00	MAINLINE, LT.	10
213+00	MAINLINE, RT.	10
213+50	MAINLINE, LT.	10
221+50	MAINLINE, LT.	10
223+00	MAINLINE, RT.	10
223+50	MAINLINE, LT.	10
225+50	MAINLINE, LT. & RT.	20
227+50	MAINLINE, LT. & RT.	20
229+50	MAINLINE, LT. & RT.	20
233+00	MAINLINE, RT.	10
233+50	MAINLINE, LT.	10
235+00	MAINLINE, RT.	10
235+35	MAINLINE, LT.	10
235+60	MAINLINE, LT.	10
235+80	MAINLINE, RT.	10
237+45	MAINLINE, LT.	10
238+35	MAINLINE, LT.	10
243+00	MAINLINE, LT.	10
243+50	MAINLINE, RT.	10
246+50	MAINLINE, RT.	10
248+50	MAINLINE, RT.	10
250+35	MAINLINE, RT.	10
250+60	MAINLINE, LT.	10
252+00	MAINLINE, LT.	10
253+50	MAINLINE, LT.	10
255+00	MAINLINE, LT. & RT.	20
256+50	MAINLINE, LT.	10
256+75	MAINLINE, RT.	10
117'B'+75	SIDEROAD, LT.	10
118'B'+05	SIDEROAD, LT.	10
133'C'+25	SIDEROAD, LT.	10
133'C'+55	SIDEROAD, LT.	10
223'D'+25	SIDEROAD, RT.	10
224'D'+00	SIDEROAD, LT.	10
257'E'+50	SIDEROAD, LT.	10
COLUMN SUBTOTAL =		450
PROJECT SUBTOTAL =		1,730
UNDISTRIBUTED =		430
TOTAL =		2,160

CULVERT PIPE CHECKS

STATION	LOCATION	628.7555 (EACH)
28+30	MAINLINE, LT.	3
33+00	MAINLINE, LT.	3
48+40	MAINLINE, LT.	5
57+10	MAINLINE, LT.	5
64+84	MAINLINE, RT.	2
68+35	MAINLINE, LT.	18
72+66	MAINLINE, LT.	2
76+43	MAINLINE, RT.	2
94+75	MAINLINE, LT.	3
103+00	MAINLINE, LT.	18
104+00	MAINLINE, RT.	2
105+53	MAINLINE, LT.	5
105+65	MAINLINE, RT.	2
109+59	MAINLINE, LT.	2
110+65	MAINLINE, LT.	2
111+83	MAINLINE, LT.	2
112+00	MAINLINE, LT.	2
122+50	MAINLINE, RT.	3
128+25	MAINLINE, LT.	2
131+55	MAINLINE, RT.	2
133+60	MAINLINE, LT.	3
138+43	MAINLINE, RT.	2
145+43	MAINLINE, RT.	2
146+34	MAINLINE, RT.	2
149+60	MAINLINE, LT.	2
158+41	MAINLINE, LT.	3
160+00	MAINLINE, RT.	3
174+66	MAINLINE, LT.	2
183+63	MAINLINE, RT.	3
189+48	MAINLINE, LT.	2
196+61	MAINLINE, RT.	2
198+76	MAINLINE, LT.	2
203+41	MAINLINE, RT.	3
207+31	MAINLINE, LT.	2
211+15	MAINLINE, LT.	2
211+78	MAINLINE, RT.	2
224+52	MAINLINE, LT.	2
230+25	MAINLINE, LT.	2
230+78	MAINLINE, RT.	2
231+28	MAINLINE, LT.	2
233+33	MAINLINE, RT.	2
235+43	MAINLINE, LT.	3
236+56	MAINLINE, LT.	2
241+46	MAINLINE, RT.	2
242+61	MAINLINE, RT.	2
244+48	MAINLINE, RT.	2
245+82	MAINLINE, RT.	2
250+50	MAINLINE, RT.	8
251+47	MAINLINE, LT.	5
117'B'+31	FORDEG ROAD, RT.	1
117'B'+92	FORDEG ROAD, LT.	2
133'C'+10	KRUEGER ROAD, LT.	3
-	UNDISTRIBUTED	36
TOTAL =		200

3

MARKERS ROW

STATION	LOCATION	633.5100 (EACH)
25+85.94	MAINLINE, 80.08'LT	1
29+96.41	MAINLINE, 56.10'LT	1
31+94.52	MAINLINE, 75.11'LT	1
38+50.00	MAINLINE, 51.46'LT	1
39+00.00	MAINLINE, 70.00'LT	1
41+50.00	MAINLINE, 70.00'LT	1
42+00.00	MAINLINE, 48.70'LT	1
48+00.00	MAINLINE, 43.96'LT	1
48+50.00	MAINLINE, 60.00'LT	1
49+50.00	MAINLINE, 60.00'LT	1
50+50.00	MAINLINE, 41.99'LT	1
51+00.00	MAINLINE, 41.59'LT	1
52+25.00	MAINLINE, 60.00'LT	1
52+52.63	MAINLINE, 60.00'LT	1
52+51.44	MAINLINE, 63.24'RT	1
48+25.51	MAINLINE, 83.14'RT	1
45+00.00	MAINLINE, 60.00'RT	1
43+45.00	MAINLINE, 73.00'RT	1
41+75.00	MAINLINE, 50.00'RT	1
38+02.00	MAINLINE, 50.00'RT	1
31+45.00	MAINLINE, 40.00'RT	1
27+50.00	MAINLINE, 60.00'RT	1
25+32.00	MAINLINE, 50.00'RT	1
25+20.00	MAINLINE, 33.68'RT	1
22+80.65	MAINLINE, 33.36'RT	1
22+00.00	MAINLINE, 33.21'RT	1
22+00.00	MAINLINE, 54.05'LT	1
52+60.00	MAINLINE, 60.00'LT	1
52+60.00	MAINLINE, 40.40'LT	1
56+50.00	MAINLINE, 40.32'LT	1
57+00.00	MAINLINE, 60.00'LT	1
57+50.00	MAINLINE, 55.00'LT	1
58+00.00	MAINLINE, 40.29'LT	1
67+00.00	MAINLINE, 40.11'LT	1
68+00.00	MAINLINE, 55.00'LT	1
68+15.00	MAINLINE, 55.00'LT	1
68+15.00	MAINLINE, 65.00'LT	1
68+55.00	MAINLINE, 65.00'LT	1
68+55.00	MAINLINE, 55.00'LT	1
75+50.00	MAINLINE, 55.00'LT	1
76+00.00	MAINLINE, 39.93'LT	1
79+01.33	MAINLINE, 39.87'LT	1
79+00.71	MAINLINE, 62.03'RT	1
77+50.00	MAINLINE, 42.60'RT	1
75+21.39	MAINLINE, 42.55'RT	1
69+25.00	MAINLINE, 42.43'RT	1
68+35.00	MAINLINE, 85.00'RT	1
65+50.00	MAINLINE, 42.36'RT	1
61+30.29	MAINLINE, 42.28'RT	1
61+30.49	MAINLINE, 50.00'RT	1
	COLUMN SUBTOTAL =	50

STATION	LOCATION	633.5100 (EACH)
58+00.00	MAINLINE, 50.00'RT	1
57+10.00	MAINLINE, 65.00'RT	1
54+50.00	MAINLINE, 50.00'RT	1
80+95.00	MAINLINE, 40.02'LT	1
80+95.00	MAINLINE, 65.00'LT	1
81+15.00	MAINLINE, 65.00'LT	1
81+15.00	MAINLINE, 40.03'LT	1
94+00.00	MAINLINE, 40.99'LT	1
94+50.00	MAINLINE, 50.00'LT	1
95+25.00	MAINLINE, 50.00'LT	1
95+50.00	MAINLINE, 41.10'LT	1
102+25.00	MAINLINE, 38.39'LT	1
103+00.00	MAINLINE, 70.00'LT	1
103+75.00	MAINLINE, 37.76'LT	1
105+50.94	MAINLINE, 37.01'LT	1
105+50.08	MAINLINE, 45.49'RT	1
103+17.78	MAINLINE, 44.50'RT	1
102+50.00	MAINLINE, 75.00'RT	1
102+00.00	MAINLINE, 50.00'RT	1
96+50.00	MAINLINE, 50.00'RT	1
94+75.00	MAINLINE, 80.00'RT	1
93+50.00	MAINLINE, 60.00'RT	1
90+00.00	MAINLINE, 60.00'RT	1
89+50.00	MAINLINE, 65.00'RT	1
88+00.00	MAINLINE, 65.00'RT	1
87+00.00	MAINLINE, 50.00'RT	1
82+00.00	MAINLINE, 50.00'RT	1
81+05.00	MAINLINE, 80.00'RT	1
111+00.00	MAINLINE, 37.60'LT	1
111+00.00	MAINLINE, 50.00'LT	1
119+00.00	MAINLINE, 50.00'LT	1
120+00.00	MAINLINE, 60.00'LT	1
122+65.00	MAINLINE, 65.00'LT	1
124+00.00	MAINLINE, 50.00'LT	1
125+00.00	MAINLINE, 50.00'LT	1
126+00.00	MAINLINE, 39.09'LT	1
127+50.00	MAINLINE, 39.24'LT	1
127+75.00	MAINLINE, 55.00'LT	1
130+97.75	MAINLINE, 55.00'LT	1
131+73.00	MAINLINE, 130.41'LT	1
131+74.69	MAINLINE, 220.39'LT	1
132+08.63	MAINLINE, 219.86'LT	1
118+89.86	MAINLINE, 79.11'RT	1
118+88.84	MAINLINE, 169.76'RT	1
118+22.84	MAINLINE, 168.98'RT	1
118+23.29	MAINLINE, 129.16'RT	1
117+39.24	MAINLINE, 44.22'RT	1
111+96.08	MAINLINE, 44.60'RT	1
109+05.00	MAINLINE, 80.00'RT	1
107+37.16	MAINLINE, 44.93'RT	1
	COLUMN SUBTOTAL =	50

STATION		LOCATION	633.5100 (EACH)
132+40.68	219.35'LT	MAINLINE, 219.35'LT	1
132+39.02	130.48'LT	MAINLINE, 130.48'LT	1
133+21.59	48.06'LT	MAINLINE, 48.06'LT	1
158+62.01	45.10'LT	MAINLINE, 45.10'LT	1
158+60.91	44.20'RT	MAINLINE, 44.20'RT	1
150+50.00	40.00'RT	MAINLINE, 40.00'RT	1
150+00.00	32.57'RT	MAINLINE, 32.57'RT	1
148+00.00	33.00'RT	MAINLINE, 33.00'RT	1
147+75.00	50.00'RT	MAINLINE, 50.00'RT	1
144+75.00	50.00'RT	MAINLINE, 50.00'RT	1
144+50.00	41.58'RT	MAINLINE, 41.58'RT	1
139+25.00	42.10'RT	MAINLINE, 42.10'RT	1
139+00.00	55.00'RT	MAINLINE, 55.00'RT	1
137+50.00	55.00'RT	MAINLINE, 55.00'RT	1
137+00.00	42.32'RT	MAINLINE, 42.32'RT	1
133+75.00	42.64'RT	MAINLINE, 42.64'RT	1
133+75.00	55.00'RT	MAINLINE, 55.00'RT	1
133+50.00	55.00'RT	MAINLINE, 55.00'RT	1
133+50.00	42.66'RT	MAINLINE, 42.66'RT	1
166+83.43	40.86'LT	MAINLINE, 40.86'LT	1
169+08.33	40.51'LT	MAINLINE, 40.51'LT	1
177+10.20	45.00'LT	MAINLINE, 45.00'LT	1
185+06.89	45.00'LT	MAINLINE, 45.00'LT	1
185+06.37	42.05'RT	MAINLINE, 42.05'RT	1
168+94.51	41.96'RT	MAINLINE, 41.96'RT	1
167+81.98	41.79'RT	MAINLINE, 41.79'RT	1
163+66.22	40.00'RT	MAINLINE, 40.00'RT	1
160+15.00	45.00'RT	MAINLINE, 45.00'RT	1
187+49.48	45.00'LT	MAINLINE, 45.00'LT	1
191+29.60	50.00'LT	MAINLINE, 50.00'LT	1
193+50.00	60.00'LT	MAINLINE, 60.00'LT	1
198+29.40	50.00'LT	MAINLINE, 50.00'LT	1
202+00.00	48.90'LT	MAINLINE, 48.90'LT	1
203+50.00	75.00'LT	MAINLINE, 75.00'LT	1
205+50.00	48.94'LT	MAINLINE, 48.94'LT	1
207+31.85	48.96'LT	MAINLINE, 48.96'LT	1
207+31.77	40.71'LT	MAINLINE, 40.71'LT	1
211+52.05	40.76'LT	MAINLINE, 40.76'LT	1
211+51.61	40.00'RT	MAINLINE, 40.00'RT	1
209+00.00	40.00'RT	MAINLINE, 40.00'RT	1
209+00.00	33.51'RT	MAINLINE, 33.51'RT	1
206+00.00	33.54'RT	MAINLINE, 33.54'RT	1
203+50.00	60.00'RT	MAINLINE, 60.00'RT	1
203+30.00	60.00'RT	MAINLINE, 60.00'RT	1
201+00.00	40.00'RT	MAINLINE, 40.00'RT	1
201+00.00	33.59'RT	MAINLINE, 33.59'RT	1
199+77.64	33.61'RT	MAINLINE, 33.61'RT	1
219+19.73	38.44'LT	MAINLINE, 38.44'LT	1
223+00.00	40.00'LT	MAINLINE, 40.00'LT	1
223+50.00	50.00'LT	MAINLINE, 50.00'LT	1
		COLUMN SUBTOTAL =	50

STATION	LOCATION	633.5100 (EACH)
232+79.43	MAINLINE, 40.00'LT	1
234+50.00	MAINLINE, 40.00'LT	1
235+00.00	MAINLINE, 50.00'LT	1
235+82.56	MAINLINE, 50.00'LT	1
238+14.70	MAINLINE, 33.00'LT	1
238+14.70	MAINLINE, 40.00'RT	1
236+15.00	MAINLINE, 40.00'RT	1
236+15.00	MAINLINE, 55.00'RT	1
235+85.00	MAINLINE, 55.00'RT	1
235+85.00	MAINLINE, 30.00'RT	1
225+72.36	MAINLINE, 37.79'RT	1
224+87.01	MAINLINE, 122.53'RT	1
224+86.59	MAINLINE, 220.52'RT	1
224+20.59	MAINLINE, 220.24'RT	1
224+21.01	MAINLINE, 122.33'RT	1
223+39.27	MAINLINE, 40.00'RT	1
243+56.72	MAINLINE, 50.00'LT	1
249+97.91	MAINLINE, 50.00'LT	1
251+31.28	MAINLINE, 65.00'LT	1
257+89.72	MAINLINE, 29.16'LT	1
258+39.72	MAINLINE, 30.00'LT	1
260+88.94	MAINLINE, 30.00'LT	1
260+89.14	MAINLINE, 80.03'LT	1
261+54.86	MAINLINE, 79.77'LT	1
261+54.71	MAINLINE, 29.50'LT	1
264+07.00	MAINLINE, 31.42'LT	1
264+40.78	MAINLINE, 81.83'LT	1
264+79.83	MAINLINE, 81.50'LT	1
264+79.42	MAINLINE, 57.78'RT	1
264+47.93	MAINLINE, 43.44'RT	1
263+43.74	MAINLINE, 43.42'RT	1
263+07.98	MAINLINE, 36.00'RT	1
258+37.92	MAINLINE, 184.94'RT	1
261+49.82	MAINLINE, 36.54'RT	1
261+49.49	MAINLINE, 121.40'RT	1
260+89.49	MAINLINE, 121.24'RT	1
260+89.82	MAINLINE, 37.00'RT	1
258+45.77	MAINLINE, 36.88'RT	1
258+43.90	MAINLINE, 184.94'RT	1
257+77.90	MAINLINE, 184.92'RT	1
257+79.66	MAINLINE, 45.00'RT	1
251+59.49	MAINLINE, 45.00'RT	1
251+29.53	MAINLINE, 45.00'RT	1
250+65.00	MAINLINE, 55.00'RT	1
250+35.00	MAINLINE, 55.00'RT	1
250+35.00	MAINLINE, 50.00'RT	1
246+00.00	MAINLINE, 45.00'RT	1
245+50.00	MAINLINE, 40.00'RT	1
254+13.13	MAINLINE, 62.55'LT	1
254+53.31	MAINLINE, 41.01'LT	1
255+63.66	MAINLINE, 30.51'LT	1
364+42.47	MAINLINE, 34.30'RT	1
	COLUMN SUBTOTAL =	52
	TOTAL =	202

PERMANENT SIGNING

SIGN NUMBER	APPROX. STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	ORDER LINES	SIGN SIZE (IN X IN)	634.0614 POSTS WOOD 4X6-INCH 14-FT (EACH)	634.0616 POSTS WOOD 4X6-INCH 16-FT (EACH)	634.0618 POSTS WOOD 4X6-INCH 18-FT (EACH)	637.2210 SIGNS TYPE II REFLECTIVE H (SF)	637.2230 SIGNS TYPE II REFLECTIVE F (SF)	638.2102 MOVING SIGNS TYPE II (EACH)	638.2602 REMOVING SIGNS TYPE II (EACH)	638.3000 REMOVING SMALL SIGN SUPPORTS (EACH)	638.4000 MOVING SMALL SIGN SUPPORTS (EACH)	COMMENT
1-01M	22+85	MAINLINE, LT.	-	NO COMPRESSION BRAKE	-	-	-	-	-	-	-	1	-	-	1	
1-02R	24+95	MAINLINE, LT.	M4-6	END	-	24X12	-	-	-	-	-	-	1	1	-	
1-02R	24+95	MAINLINE, RT.	D11-10	ATV ROUTE	-	24X18	-	-	-	-	-	-	1	1	-	
1-03	25+35	MAINLINE, RT.	M4-6	END	-	24X12	-	-	-	2.00	-	-	-	-	-	MOUNT ABOVE SIGN 1-07
1-03	25+35	MAINLINE, RT.	D11-10	ATV ROUTE	-	24X18	1	-	-	3.00	-	-	-	-	-	
1-04M	25+00	MAINLINE, LT.	-	ATV ROUTE	-	-	-	1	-	-	-	1	-	1	-	
1-05R	25+30	MAINLINE, LT.	R2-1	SPEED LIMIT	25	24X30	-	-	-	-	-	-	1	1	-	
1-06	25+35	MAINLINE, LT.	R2-1	SPEED LIMIT	25	24X30	-	1	-	3.00	-	-	-	-	-	
1-07	25+35	MAINLINE, RT.	R2-1	SPEED LIMIT	55	24X30	1	-	-	3.00	-	-	-	-	-	
1-08M	26+45	MAINLINE, LT.	VARIES	VAIRES	-	-	-	-	-	-	-	4	-	-	1	
1-09R	26+00	MAINLINE, RT.	-	SPEED ZONE ENDS	-	-	-	-	-	-	-	-	1	1	-	
1-10	31+50	MAINLINE, LT.	W3-5	SPEED REDUCTION AHEAD	25	36X36	-	-	1	-	9.00	-	-	-	-	
2-01R	35+20	MAINLINE, LT.	W3-5	SPEED REDUCTION AHEAD	25	36X36	-	-	-	-	-	-	1	1	-	
2-02R	39+40	MAINLINE, LT.	W1-4L	ROAD CURVES AHREAD	LEFT	36X36	-	-	-	-	-	-	1	1	-	
3-01	48+50	MAINLINE, RT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
3-02	54+00	MAINLINE, LT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
3-03R	58+20	MAINLINE, RT.	-	SCHOOL BUS STOP AHEAD	-	30X30	-	-	-	-	-	-	1	1	-	
3-04	58+30	MAINLINE, RT.	S3-1	SCHOOL BUS STOP AHEAD	-	36X36	-	-	1	-	6.25	-	-	-	-	
6-01	94+75	MAINLINE, RT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
7-01	106+50	MAINLINE, LT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
7-02R	108+00	MAINLINE, RT.	W2-2R	SIDE ROAD	RIGHT	30X30	-	-	-	-	-	-	1	1	-	
7-03	111+05	MAINLINE, RT.	W2-2R	SIDE ROAD	RIGHT	30X30	-	1	-	-	6.25	-	-	-	-	
8-01M	118'B'+00	SIDEROAD, LT.	VARIES	VARIES	-	-	-	-	-	-	-	2	-	-	1	
8-02R	118'B'+10	SIDEROAD, RT.	R1-1	STOP	-	30X30	-	-	-	-	-	-	1	1	-	
8-03	118'B'+00	SIDEROAD, RT.	R1-1	STOP	-	24X24	-	1	-	5.18	-	-	-	-	-	
8-04R	118'B'+10	SIDEROAD, RT.	R5-51	NO ATV TRAFFIC	-	24X24	-	-	-	-	-	-	1	1	-	
8-05	118'B'+00	SIDEROAD, RT.	R5-51	NO ATV TRAFFIC	-	24X24	-	1	-	4.00	-	-	-	-	-	
8-06	117'B'+25	SIDEROAD, LT.	R12-1	WEIGHT LIMIT 10 TONS	-	24X30	-	1	-	5.00	-	-	-	-	-	
8-07R	117'B'+25	SIDEROAD, LT.	R12-1	WEIGHT LIMIT 10 TONS	-	24X30	-	-	-	-	-	-	1	1	-	
8-08	122+00	MAINLINE, LT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
8-09R	122+60	MAINLINE, RT.	W2-2L	SIDE ROAD	LEFT	30X30	-	-	-	-	-	-	1	1	-	
8-10	124+50	MAINLINE, RT.	W2-2L	SIDE ROAD	LEFT	30X30	-	1	-	-	6.25	-	-	-	-	
8-11	126+05	MAINLINE, LT.	W2-2L	SIDE ROAD	LEFT	30X30	-	1	-	-	6.25	-	-	-	-	
8-12R	126+50	MAINLINE, LT.	W2-2L	SIDE ROAD	LEFT	30X30	-	-	-	-	-	-	1	1	-	
9-01	132'C'+65	SIDEROAD, LT.	R1-1	STOP	-	30X30	-	1	-	5.18	-	-	-	-	-	
9-02R	132'C'75	SIDEROAD, LT.	R1-1	STOP	-	30X30	-	-	-	-	-	-	1	1	-	
9-03	132'C'+65	SIDEROAD, LT.	R5-51	NO ATV TRAFFIC	-	24X24	-	1	-	4.00	-	-	-	-	-	
9-04R	132'C'+75	SIDEROAD, LT.	R5-51	NO ATV TRAFFIC	-	24X24	-	-	-	-	-	-	1	1	-	
9-05	132'C'+75	SIDEROAD, RT.	R12-54	WEIGHT LIMIT CLASS B REDUCED 40%	-	24X36	-	1	-	5.00	-	-	-	-	-	
9-06R	132'C'+75	SIDEROAD, RT.	R12-54	WEIGHT LIMIT CLASS B REDUCED 40%	-	24X36	-	-	-	-	-	-	1	1	-	
9-07	138+75	MAINLINE, RT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
9-08	139+50	MAINLINE, LT.	WR-2R	SIDE ROAD	RIGHT	30X30	-	1	-	-	6.25	-	-	-	-	
9-09	140+25	MAINLINE, LT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
9-10R	140+50	MAINLINE, LT.	WR-2R	SIDE ROAD	RIGHT	30X30	-	-	-	-	-	-	1	1	-	
10-01	157+25	MAINLINE, RT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
11-01R	159+40	MAINLINE, RT.	W10-1	RAILROAD CROSSING	-	36X36	-	-	-	-	-	-	1	1	-	
11-02	159+70	MAINLINE, LT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
11-03	160+45	MAINLINE, RT.	W10-1	RAILROAD CROSSING	-	36X36	-	1	-	-	7.07	-	-	-	-	
12-01	175+90	MAINLINE, LT.	W10-2	RAILROAD CROSSING	-	36X36	-	1	-	-	7.07	-	-	-	-	
12-02R	178+20	MAINLINE, LT.	W10-3	RAILROAD CROSSING	-	36X36	-	-	-	-	-	-	1	1	-	
12-03	178+75	MAINLINE, RT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
13-01	200+00	MAINLINE, LT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
15-01	217+05	MAINLINE, RT.	WR-2R	SIDE ROAD	RIGHT	30X30	-	1	-	-	6.25	-	-	-	-	
15-02R	217+50	MAINLINE, RT.	WR-2R	SIDE ROAD	RIGHT	30X30	-	-	-	-	-	-	1	1	-	
15-03R	224+55	MAINLINE, LT.	W1-7	TWO-DIRECTION LARGE ARROW	-	48X24	-	-	-	-	-	-	1	1	-	
15-04	224+55	MAINLINE, LT.	W1-7	TWO-DIRECTION LARGE ARROW	-	48X24	1	-	-	-	8.00	-	-	-	-	
15-05M	224+10	MAINLINE, RT.	VARIES	VARIES	-	-	-	-	-	-	-	2	-	-	1	
15-06R	223'D'+90	SIDEROAD, RT.	R5-51	NO ATV TRAFFIC	-	24X24	-	-	-	-	-	-	1	1	-	
15-07R	224'D'+05	SIDEROAD, RT.	R1-1	STOP	-	30X30	-	-	-	-	-	-	1	1	-	
15-08	224'D'+15	SIDEROAD, RT.	R1-1	STOP	-	30X30	-	1	-	5.18	-	-	-	-	-	
15-09	224'D'+15	SIDEROAD, RT.	R5-51	NO ATV TRAFFIC	-	24X24	-	1	-	4.00	-	-	-	-	-	
15-10	223'D'+60	SIDEROAD, LT.	R12-1	WEIGHT LIMIT 10 TONS	-	24X30	-	1	-	5.00	-	-	-	-	-	
15-11R	223'D'+60	SIDEROAD, LT.	R12-1	WEIGHT LIMIT 10 TONS	-	24X30	-	-	-	-	-	-	1	1	-	
16-01R	232+10	MAINLINE, RT.	-	REDUCED SPEED AHEAD	-	-	-	-	-	-	-	-	1	1	-	
16-02	232+05	MAINLINE, LT.	W2-2L	SIDE ROAD	LEFT	30X30	-	1	-	-	6.25	-	-	-	-	
16-03R	232+75	MAINLINE, LT.	W2-2L	SIDE ROAD	LEFT	30X30	-	-	-	-	-	-	1	1	-	
16-04	235+50	MAINLINE, RT.	W3-5	SPEED REDUCTION AHEAD	45	36X36	-	-	1	-	9.00	-	-	-	-	
16-05R	240+45	MAINLINE, RT.	R2-1	SPEED LIMIT	45	24X30	-	-	-	-	-	-	1	1	-	
				SHEET TOTALS =			3	30	3	53.54	145.05	10	27	28	4	

PERMANENT SIGNING CONTINUED

SIGN NUMBER	APPROX. STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	ORDER LINES	SIGN SIZE (IN X IN)	634.0614 POSTS WOOD 4X6-INCH 14-FT (EACH)	634.0616 POSTS WOOD 4X6-INCH 16-FT (EACH)	634.0618 POSTS WOOD 4X6-INCH 18-FT (EACH)	637.2210 SIGNS TYPE II REFLECTIVE H (SF)	637.2230 SIGNS TYPE II REFLECTIVE F (SF)	638.2102 MOVING SIGNS TYPE II (EACH)	638.2602 REMOVING SIGNS TYPE II (EACH)	638.3000 REMOVING SMALL SIGN SUPPORTS (EACH)	638.4000 MOVING SMALL SIGN SUPPORTS (EACH)	COMMENT
16-06	240+55	MAINLINE, RT.	R2-1	SPEED LIMIT	45	24X31	-	1	-	3.00	-	-	-	-	-	
16-07R	240+45	MAINLINE, LT.	R2-1	SPEED LIMIT	55	24X32	-	-	-	-	-	-	1	1	-	
16-08	240+55	MAINLINE, LT.	R2-1	SPEED LIMIT	55	24X33	-	1	-	3.00	-	-	-	-	-	
17-01	243+50	MAINLINE, RT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
17-02R	248+65	MAINLINE, RT.	W3-5	SPEED REDUCTION AHEAD	25	36X36	-	-	-	-	-	-	1	1	-	
17-03R	250+85	MAINLINE, RT.	J1-1	JUNCTION	73	24X39	-	-	-	-	-	-	1	1	-	
17-04	251+00	MAINLINE, LT.	W14-3	NO PASSING ZONE	-	48X36	-	1	-	-	5.56	-	-	-	-	
17-05	252+25	MAINLINE, RT.	W3-5	SPEED REDUCTION AHEAD	25	36X36	-	-	1	-	9.00	-	-	-	-	
17-06	253+50	MAINLINE, RT.	J1-1	JUNCTION	73	24X39	-	1	-	6.50	-	-	-	-	-	
17-07M	254+80	MAINLINE, RT.	VARIES	VARIES	-	-	-	-	-	-	-	3	-	-	2	
18-01R	257+50	MAINLINE, RT.	R2-1	SPEED LIMIT	25	24X30	-	-	-	-	-	-	1	1	-	
18-02	257+50	MAINLINE, RT.	R2-1	SPEED LIMIT	25	24X30	-	1	-	3.00	-	-	-	-	-	
18-03	257+50	MAINLINE, LT.	R2-1	SPEED LIMIT	45	24X30	-	1	-	3.00	-	-	-	-	-	
18-04	257+50	MAINLINE, LT.	R5-51	NO ATV TRAFFIC	-	24X24	1	-	-		-	-	-	-	-	
18-05R	258+00	MAINLINE, LT.	R2-1	SPEED LIMIT	45	24X30	-	-	-	-	-	-	1	1	-	
18-06R	258+00	MAINLINE, LT.	R5-51	NO ATV TRAFFIC	-	24X24	-	-	-	-	-	-	1	1	-	
18-07M	258+00	MAINLINE, LT.	VAIRES	VARIES	-	-	-	-	-	-	-	2	-	-	1	
18-08R	257'E'+70	SIDEROAD, RT.	R1-1	STOP	-	30X30	-	-	-	-	-	-	1	-	-	
18-09M	257'E'+80	SIDEROAD, RT.	VAIRES	VARIES	-	-	-	-	-	-	-	2	-	-	1	
18-10	257'E'+80	SIDEROAD, RT.	R1-1	STOP	-	30X30	-	-	-	5.18	-	-	-	-	-	
18-11M	259+05	MAINLINE, LT.	-	RANDOLF CHRISTIAN SCHOOL	-	-	-	1	-	-	-	1	-	-	-	
18-12R	259+50	MAINLINE, RT.	W3-1	STOP AHEAD	-	36X36	-	-	-	-	-	-	1	1	-	
18-13	259+60	MAINLINE, RT.	W3-1	STOP AHEAD	-	36X36	-	-	1	-	9.00	-	-	-	-	
18-14R	260+70	MAINLINE, LT.	R2-1	SPEED LIMIT	25	24X30	-	-	-	-	-	-	1	1	-	
18-15R	261'F'+55	SIDEROAD, LT.	R1-1	STOP	-	30X30	-	-	-	-	-	-	1	1	-	
18-16	261'F'+60	SIDEROAD, LT.	R1-1	STOP	-	30X30	-	1	-	5.18	-	-	-	-	-	
18-17R	261'F'+60	SIDEROAD, RT.	W14-1	DEAD END	-	30X30	-	-	-	-	-	-	1	1	-	
18-18	261'F'+65	SIDEROAD, RT.	W14-1	DEAD END	-	30X30	-	1	-	-	6.25	-	-	-	-	
18-19R	260'F'+80	SIDEROAD, RT.	R1-1	STOP	-	30X30	-	-	-	-	-	-	1	1	-	
18-20	260'F'+65	SIDEROAD, RT.	R1-1	STOP	-	30X30	-	1	-	5.18	-	-	-	-	-	
18-21M	260'F'+75	SIDEROAD, RT.	VAIRES	VARIES	-	-	-	-	-	-	-	2	-	-	1	
18-22	261+75	MAINLINE, LT.	R2-1	SPEED LIMIT	25	24X30	-	1	-	3.00	-	-	-	-	-	
18-23	263+00	MAINLINE, LT.	M1-5A	CTH ROUTE MARKER	P	24X24	1	-	-	4.00	-	-	-	-	-	
18-24R	264+15	MAINLINE, LT.	-	COLUMBIA COUNTY LINE	-	-	-	-	-	-	-	-	1	1	-	
18-25	264+20	MAINLINE, LT.	I2-2	COUNTY	COLUMBIA CO	72X15	2	-	-	7.50	-	-	-	-	-	
18-26R	264+20	MAINLINE, RT.	J13-1	STH	73	24X45	-	-	-	-	-	-	-	-	-	
18-27	264+30	MAINLINE, RT.	J13-1	STH	73	24X45	-	1	-	7.50	-	-	-	-	-	
18-28R	264+40	MAINLINE, RT.	R1-1	STOP	-	30X30	-	-	-	-	-	-	1	1	-	
18-29	264+45	MAINLINE, RT.	R1-1	STOP	-	30X30	-	1	-	5.18	-	-	-	-	-	
				SHEET TOTALS =			4	14	2	61	35	10	14	13	5	
				PROJECT TOTALS =			7	44	5	114.76	180.42	20	41	41	9	

FINISHING ITEMS

STATION - STATION	LOCATION	625.0100 TOPSOIL (SY)	625.0500 SALVAGED TOPSOIL (SY)	627.0200 MULCHING (SY)	628.7005 INLET PROTECTION TYPE A (EACH)	628.7015 INLET PROTECTION TYPE C (EACH)	629.0210 FERTILIZER TYPE B (CWT)	630.0130 SEEDING MIXTURE NO. 30 (LB)	630.0140 SEEDING MIXTURE NO. 40 (LB)	630.0300 SEEDING BORROW PIT (LB)	630.0500 SEED WATER (MGAL)
22+50 - 118+39	MAINLINE, RT.	-	20991	17140	-	-	18	1441	-	-	723
22+50 - 131+90	MAINLINE, LT.	-	16120	21245	-	-	15	1197	-	-	603
118+72 - 168+11	MAINLINE, RT.	-	6021	9470	-	-	6	519	-	-	263
132+25 - 168+11	MAINLINE, LT.	-	3954	6821	-	-	4	342	-	-	174
168+22 - 223+21	MAINLINE, RT.	-	7195	12494	-	-	8	628	-	-	321
168+22 - 261+02	MAINLINE, LT.	411	13098	18829	-	-	12	940	30	-	498
224+68 - 257+96	MAINLINE, RT.	-	5080	8670	-	-	5	385	20	-	209
258+28 - 261+04	MAINLINE, RT.	627	-	957	-	-	0.5	-	43	-	22
261+37 - 264+53	MAINLINE, RT.	366	-	446	-	-	0.3	-	23	-	12
261+39 - 264+53	MAINLINE, LT.	327	-	517	-	-	0.3	-	23	-	12
264'H'+00 - 265'H'+02	'H'-LINE (E CAMBRIA ST, RT.)	6	-	22	-	-	0.0	-	1	-	0.5
264'H'+00 - 265'H'+08	'H'-LINE (E CAMBRIA ST, LT.)	12	-	33	-	-	0.0	-	1	-	0.8
-	BORROW PIT	-	-	4470	-	-	2.5	-	-	201	105
-	PROJECT	-	-	-	18	15	-	-	-	-	-
	UNDISTRIBUTED	431	18041	25286	-	-	18.4	1358	29	49	756.7
	TOTALS =	2180	90500	126400	18	15	90	6810	170	250	3700

PAVEMENT MARKING

STATION - STATION	LOCATION	DESCRIPTION	646.2020 MARKING LINE EPOXY 6-INCH SOLID YELLOW (LF)	646.2020 MARKING LINE EPOXY 6-INCH DASHED YELLOW (LF)	646.2020 MARKING LINE EPOXY 6-INCH SOLID WHITE (LF)	646.2020 MARKING LINE EPOXY 6-INCH DASHED WHITE (LF)	646.5320 RAILROAD CROSSING EPOXY (EACH)	646.6120 MARKING STOP LINE EPOXY 18-INCH (LF)	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (LF)	648.0100 LOCATING NO-PASSING ZONE (MI)
22+50 - 131+50	MAINLINE LT.	WHITE EDGELINES	-	-	10,900	-	-	-	-	-
22+50 - 116+92	MAINLINE RT.	WHITE EDGELINES	-	-	14,548	-	-	-	-	-
22+50 - 40+00	MAINLINE	DOUBLE YELLOW	3,500	-	-	-	-	-	-	-
40+00 - 54+00	MAINLINE	EB PASSING	1,400	350	-	-	-	-	-	-
54+00 - 61+75	MAINLINE	WB PASSING	775	194	-	-	-	-	-	-
61+75 - 85+00	MAINLINE	DOUBLE YELLOW	4,650	-	-	-	-	-	-	-
85+00 - 94+75	MAINLINE	EB PASSING	975	244	-	-	-	-	-	-
94+75 - 106+50	MAINLINE	EB & WB PASSING	-	294	-	-	-	-	-	-
106+50 - 113+00	MAINLINE	WB PASSING	650	163	-	-	-	-	-	-
113+00 - 115+00	MAINLINE	EB & WB PASSING	-	50	-	-	-	-	-	-
115+00 - 124+50	MAINLINE	EB PASSING	950	238	-	-	-	-	-	-
116+92 - 117+82	MAINLINE RT.	WHITE DASHED EDGELINES	-	-	-	23	-	-	-	-
119+12 - 167+92	MAINLINE RT.	WHITE EDGELINES	-	-	4,880	-	-	-	-	-
124+50 - 129+75	MAINLINE	DOUBLE YELLOW	1,050	-	-	-	-	-	-	-
129+75 - 138+75	MAINLINE	EB PASSING	900	225	-	-	-	-	-	-
132+81 - 133+71	MAINLINE LT.	WHITE DASHED EDGELINES	-	-	-	23	-	-	-	-
133+71 - 167+92	MAINLINE LT.	WHITE EDGELINES	-	-	3,421	-	1	-	-	-
138+75 - 140+25	MAINLINE	EB & WB PASSING	-	38	-	-	-	-	-	-
140+25 - 147+25	MAINLINE	WB PASSING	700	175	-	-	-	-	-	-
147+25 - 148+50	MAINLINE	EB & WB PASSING	-	31	-	-	-	-	-	-
148+50 - 157+25	MAINLINE	EB PASSING	875	219	-	-	-	-	-	-
157+25 - 159+75	MAINLINE	EB & WB PASSING	-	63	-	-	-	-	-	-
159+75 - 168+00	MAINLINE	WB PASSING	825	206	-	-	-	-	-	-
160+43	MAINLINE, RT.	RAILROAD MARKING	-	-	-	-	1	-	-	-
161+43	MAINLINE, RT.	RAILROAD MARKING	-	-	-	-	1	-	-	-
167+92	MAINLINE LT.	RAILROAD MARKING	-	-	-	-	1	-	-	-
168+40	MAINLINE LT.	RAILROAD MARKING	-	-	-	-	1	-	-	-
168+00 - 168+50	MAINLINE	DOUBLE YELLOW	100	-	-	-	-	-	-	-
168+40 - 222+89	MAINLINE, RT.	WHITE EDGELINES	-	-	5,450	-	-	-	-	-
168+40 - 257+50	MAINLINE LT.	WHITE EDGELINES	-	-	8,910	-	-	-	-	-
168+50 - 178+75	MAINLINE	EB PASSING	1,025	256	-	-	-	-	-	-
175+31	MAINLINE, LT.	RAILROAD MARKING	-	-	-	-	1	-	-	-
175+89	MAINLINE, LT.	RAILROAD MARKING	-	-	-	-	1	-	-	-
178+75 - 200+00	MAINLINE	EB & WB PASSING	-	531	-	-	-	-	-	-
200+00 - 208+50	MAINLINE	WB PASSING	850	213	-	-	-	-	-	-
208+50 - 230+00	MAINLINE	DOUBLE YELLOW	4,300	-	-	-	-	-	-	-
222+89 - 223+79	MAINLINE, RT.	WHITE DASHED EDGELINES	-	-	-	23	-	-	-	-
225+09 - 257+50	MAINLINE, RT.	WHITE EDGELINES	-	-	3,242	-	-	-	-	-
230+00 - 243+50	MAINLINE	EB PASSING	1,350	338	-	-	-	-	-	-
243+50 - 251+00	MAINLINE	EB & WB PASSING	-	188	-	-	-	-	-	-
251+00 - 262+75	MAINLINE	WB PASSING	1,175	294	-	-	-	-	-	-
260+89	MAINLINE	CROSSWALK	-	-	-	-	-	-	33	-
260+95	MAINLINE	CROSSWALK	-	-	-	-	-	-	36	-
261+45	MAINLINE	CROSSWALK	-	-	-	-	-	-	37	-
261+52	MAINLINE	CROSSWALK	-	-	-	-	-	-	33	-
262+75 - 264+35	MAINLINE	DOUBLE YELLOW	320	-	-	-	-	-	-	-
264+39	MAINLINE	CROSSWALK	-	-	-	-	-	-	45	-
264+45	MAINLINE	CROSSWALK	-	-	-	-	-	-	51	-
265+04	MAINLINE	CROSSWALK	-	-	-	-	-	-	55	-
265+10	MAINLINE	CROSSWALK	-	-	-	-	-	-	48	-
		SHEET TOTALS=	26,370	4,310	51,351	69	7	0	338	0

3

PAVEMENT MARKING - CONTINUED

STATION - STATION	LOCATION	DESCRIPTION	646.2020 MARKING LINE EPOXY 6-INCH SOLID YELLOW (LF)	DASHED YELLOW (LF)	SOLID WHITE (LF)	DASHED WHITE (LF)	646.5320 RAILROAD CROSSING EPOXY (EACH)	646.6120 MARKING STOP LINE EPOXY 18-INCH (LF)	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (LF)	648.0100 LOCATING NO-PASSING ZONE (MI)
264+35	MAINLINE	STOP LINE	-	-	-	-	-	20	-	-
260'F'+88	1ST STREET, RT.	STOP LINE	-	-	-	-	-	14	-	-
260'F'+92	1ST STREET	CROSSWALK	-	-	-	-	-	-	30	-
260'F'+98	1ST STREET	CROSSWALK	-	-	-	-	-	-	37	-
261'F'+44	1ST STREET	CROSSWALK	-	-	-	-	-	-	41	-
261'F'+50	1ST STREET	CROSSWALK	-	-	-	-	-	-	34	-
261'F'+54	1ST STREET, LT.	STOP LINE	-	-	-	-	-	16	-	-
264'G'+41	STH 73	CROSSWALK	-	-	-	-	-	-	40	-
264'G'+47	STH 73	CROSSWALK	-	-	-	-	-	-	43	-
265'G'+12	STH 73	CROSSWALK	-	-	-	-	-	-	55	-
265'G'+18	STH 73	CROSSWALK	-	-	-	-	-	-	48	-
			-	-	-	-	-	24	-	-
22+50 - 264+58	PROJECT	-	-	-	-	-	-	-	-	4.58
		SHEET TOTALS=	0	0	0	0	0	54	328	4.58
		PROJECT TOTALS=		82,100			7	54	666	4.58

TRAFFIC CONTROL

LOCATION	*CALENDAR DAY DURATION*	643.0420 TRAFFIC CONTROL BARRICADES TYPE III (COUNT)	(DAY)	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A (COUNT)	(DAY)	643.0900 TRAFFIC CONTROL SIGNS* (COUNT)	(DAY)	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II (EACH)	643.1051 TRAFFIC CONTROL SIGNS PCMS WITH TMC COMMUNICATION (COUNT)	(DAY)	COMMENTS
PROJECT	*189*	18	3402	36	6804	26	4914	4	2	28	THE SIGNS WILL REMAIN COVERED THROUGHOUT THE DURATION OF THE PROJECT
TOTALS =		3,402		6,804		4,914		4	28		

*MORE LISTED ELSEWHERE

PEDESTRIAN TRAFFIC CONTROL

LOCATION	*CALENDAR DAY DURATION*	643.0300 TRAFFIC CONTROL DRUMS (COUNT)	(DAY)	643.0900 TRAFFIC CONTROL SIGNS* (COUNT)	(DAY)	643.3180 TEMPORARY MARKING LINE REMOVEABLE TAPE 6-INCH (LF)	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING (SF)	644.1601 TEMPORARY PEDESTRAIN CURB RAMP (COUNT)	(DAY)	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD (SF)	644.1810 TEMPORARY PEDESTRIAN BARRICADE (LF)	644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES (COUNT)	(DAY)	646.9000 MARKING REMOVAL LINE 4-INCH (LF)	COMMENTS
PROJECT - MANHOLE	*7*	72	504	10	10	-	170	-	-	-	40	-	-	-	
PROJECT - STAGE 1	*14*	69	966	11	154	115	92	4	56	40	130	3	42	193	
PROJECT - STAGE 2	*14*	72	1,008	10	140	-	-	4	56	-	-	2	28	117	
TOTALS =			2,478		304	115	262		112	40	170		70	310	

CONSTRUCTION STAKING

STATION - STATION	LOCATION	650.4500 SUBGRADE (LF)	650.5000 BASE (LF)	650.9000 CURB RAMPS (EACH)	650.9500 CONSTRUCTION STAKING SIDEWALK 6994-00-02 (EACH)	650.9911 SUPPLEMENTAL CONTROL 6994-00-02 (EACH)	650.9920 SLOPE STAKES (LF)
22+50 - 168+11	MAINLINE	14,562	14,562	-	-	-	14,562
168+22 - 264+58	MAINLINE	9,636	9,636	-	-	-	9,636
117'B'+00 - 117'B'+79	'B'-LINE (FORDEG RD)	79	79	-	-	-	79
132'C'+84 - 133'C'+75	'C'-LINE (KRUEGER RD)	91	91	-	-	-	91
223'D'+25 - 223'D'+76	'D'-LINE (JONES RD)	51	51	-	-	-	51
256'E'+45 - 257'E'+77	'E'-LINE (SECOND ST)	132	132	-	-	-	132
259'F'+25 - 260'F'+85	'F'-LINE (S FIRST ST)	160	160	-	-	-	160
261'F'+56 - 262'F'+55	'F'-LINE (N FIRST ST)	99	99	-	-	-	99
264'H'+94 - 265'H'+18	'H'-LINE (E CAMBRIA ST)	80	80	-	-	-	80
-	PROJECT	-	-	9	1	1	-
	TOTALS =	24,890	24,890	9	1	1	24,890

PUBLIC LAND REFERENCE MONUMENT VERIFY AND RESET

STATION	LOCATION	680.0100 (EACH)
52+51.30	MAINLINE, RT.	1
79+00.92	MAINLINE, RT.	1
105+50.54	MAINLINE, RT.	1
132+06.14	MAINLINE, RT.	1
158+61.50	MAINLINE, LT.	1
185+06.50	MAINLINE, RT.	1
211+51.64	MAINLINE, RT.	1
238+14.17	MAINLINE, RT.	1
	TOTAL=	8

SAWING

STATION - STATION	LOCATION	690.0150 SAWING ASPHALT (LF)	690.0250 SAWING CONCRETE (LF)
22+50	MAINLINE, CROSS	24	-
23+47 - 23+70	MAINLINE, RT.	34	-
64+72 - 64+86	MAINLINE, RT.	-	14
103+70 - 103+90	MAINLINE, RT.	-	20
110+59 - 110+71	MAINLINE, LT.	12	-
117'B'+00	FORDEG ROAD, CROSS	20	-
133'C'+75	KRUEGER ROAD, CROSS	22	-
146+04 - 146+20	MAINLINE, RT.	16	-
158+58 - 158+72	MAINLINE, LT.	-	14
196+23 - 196+37	MAINLINE, RT.	13	-
208+76 - 208+88	MAINLINE, LT.	-	12
224+18 - 224+34	MAINLINE, LT.	17	-
223'D'+25	JONES ROAD, CROSS	22	-
236+68 - 236+80	MAINLINE, LT.	12	-
237+67 - 237+79	MAINLINE, LT.	10	-
239+41 - 239+53	MAINLINE, LT.	10	-
241+59 - 241+79	MAINLINE, RT.	20	-
241+93 - 242+05	MAINLINE, LT.	12	-
242+78 - 243+10	MAINLINE, RT.	32	-
255+67 - 255+89	MAINLINE, LT.	22	-
256'E'+45	2ND STREET, CROSS	26	2
259+85 - 260+05	MAINLINE, LT.	-	20
259'F'+47 - 259'F'+59	1ST STREET, RT.	-	12
259'F'+50 - 259'F'+68	1ST STREET, LT.	-	18
259'F'+91 - 260'F'+10	1ST STREET, LT.	-	20
260'F'+15 - 260'F'+28	1ST STREET, RT.	-	12
259'F'+25	1ST STREET, CROSS	28	5
262'F'+55	1ST STREET, CROSS	33	4
261+85 - 262+05	MAINLINE, LT.	-	20
262+61 -262+96	MAINLINE, RT.	35	-
262+96 -264+49	MAINLINE, RT.	-	159
264+44 - 264+49	MAINLINE, LT.	-	5
264+58	MAINLINE, CROSS	107	5
264'H'+94 - 265'H'+15	SIDEROAD, RT.	43	5
264'H'+94 - 265'H'+18	SIDEROAD, LT.	51	5
	TOTALS =	621	352

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE (P.L.)
LOT, TIE & OTHER MINOR LINES
EXISTING CENTERLINE
CORPORATE LIMITS
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIGN
PERMITTED SIGN (#1-25)
PARCEL NUMBER (25)
U-NUMBER (U-4)
PARALLEL OFFSETS
BUILDING (B) TO BE REMOVED (B)
BRIDGE
CULVERT

R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND SURVEY MONUMENT (SEE FOUND MONUMENT TABLE) IP

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	RT
CONCRETE	CONC	RIGHT OF WAY	R/W
COUNTY	CO	SECTION	SEC
COUNTY TRUNK HIGHWAY	CTH	SEPTIC VENT	SEPV
DISTANCE	DIST	SQUARE FEET	SF
CORNER	COR	STATE TRUNK HIGHWAY	STH
DOCUMENT NUMBER	DOC	STATION	STA
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	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	PAGE	P
LAND CONTRACT	LC	POINT OF TANGENCY	PT
LEFT	LT	PERMANENT LIMITED EASEMENT	PLE
MONUMENT	MON	POINT OF BEGINNING	POB
NATIONAL GEODETIC SURVEY NUMBER	NGS / NO	POINT OF CURVATURE	PC
OUTLOT	OL		

CURVE DATA ABBREVIATIONS

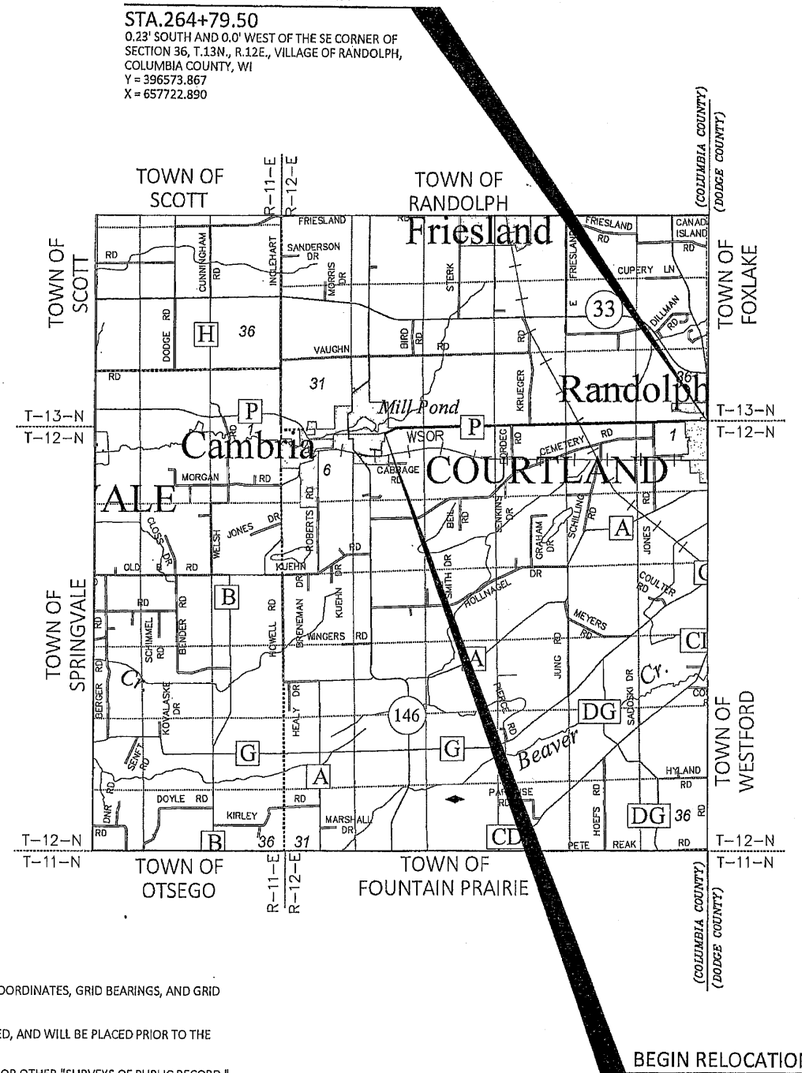
LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

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	☒

END RELOCATION ORDER

STA.264+79.50
0.23' SOUTH AND 0.0' WEST OF THE SE CORNER OF SECTION 36, T.13N., R.12E., VILLAGE OF RANDOLPH, COLUMBIA COUNTY, WI
Y = 396573.867
X = 657722.890



BEGIN RELOCATION ORDER

STA.22+00.00
379.02' SOUTH AND 331.39' WEST OF THE N¼ CORNER OF SECTION 5, T.12N., R.12E., TOWN OF RANDOLPH, COLUMBIA COUNTY, WI
Y = 395704.482
X = 633517.487

N

LAYOUT
SCALE 0 2 MI.

TOTAL NET LENGTH OF CENTERLINE = 4.598 MI.

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
6994-00-02	4.01	10
FEDERAL PROJECT NUMBER		

PLAT OF RIGHT-OF-WAY REQUIRED FOR
V CAMBRIA – STH 73
KIKKERT COURT TO STH 73
CTH P — COLUMBIA COUNTY

CONSTRUCTION PROJECT NUMBER
6994-00-72

NOTES

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, COLUMBIA COUNTY, NAD 83 (2011) IN US 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 AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 MONUMENTS (TYPICALLY ¾ X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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."

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE COLUMBIA COUNTY HIGHWAY DEPARTMENT.

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.

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.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED. INCLUDING THE RIGHT-OF-WAY TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGITATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

THIS PLAT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSE ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES AND ACCESS RIGHTS.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD. 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.

JEWELL
associates engineers, inc.
Engineers - Architects - Surveyors
560 SUNRISE DRIVE
SPRING GREEN, WI 53588
PHONE : 608.588.7484
FAX : 608.588.9322

I HEREBY CERTIFY THAT THIS PLAT WAS MADE FOR COLUMBIA COUNTY, WISCONSIN AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

WISCONSIN
NOAH E. ANLIKER
S-3265
CAZENOVIA
WISCONSIN
L.S. SURVEYOR

DATE: 7/31/2025

REVISION DATE
9/2/2025 N.C.
9/23/2025 N.C.

APPROVED FOR COLUMBIA COUNTY
DATE: 08/07/25 (NAME/TITLE)

E

BEGIN RELOCATION ORDER

STA.22+00.00
379.02' SOUTH AND 331.39' WEST OF THE N¼ CORNER OF SECTION 5, T.12N., R.12E., TOWN OF RANDOLPH, COLUMBIA COUNTY, WI
Y = 395704.482
X = 633517.487

PI STA = 24+53.09
Y = 395774.951
X = 633760.570
DELTA = 8°01'58"LT
D = 2°18'54"
T = 173.78'
L = 346.99'
R = 2475.00'
PC STA = 22+79.31
Y = 395726.565
X = 633593.664
PT STA = 26+26.30
Y = 395846.186
X = 633919.077
DB = N73°49'59"E
DA = N65°48'02"E

VILLAGE OF CAMBRIA
TOWN OF RANDOLPH

SW¼ - SE¼

④ EDWARD L. OSTERHOFF AND LISA OSTERHOFF, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY
DOC. 535254

LOT 1 CSM 2242 V.14,P.33-34 DOC.635228

S¼ SEC. 32 FOUND COLUMBIA COUNTY MONUMENT
Y = 396083.501
X = 633848.878

BUCKRIDGE SUBDIVISION

NE¼ - NW¼

S0°31'05"E, 180.00' FROM 30001 TO 1000

LOT 3 CSM 3688 V.25,P.56-57 DOC.647223
LOT 4 CSM 3688 V.25,P.56-57 DOC.647223
LOT 2 CSM 3688 V.25,P.56-57 DOC.647223
LOT 1 CSM 3688 V.25,P.56-57 DOC.647223

STA 25+52.46

ERWC1
L=215.66'
R=2033.01'
LCH=215.55'
LCB=N70°45'01"E

PI STA = 31+80.70
Y = 396073.442
X = 634424.755
DELTA = 22°46'30"RT
D = 6°15'43"
T = 184.29'
L = 363.71'
R = 915.00'
PC STA = 29+96.41
Y = 395997.899
X = 634256.662
PT STA = 33+60.12
Y = 396078.023
X = 634608.986
DB = N65°48'02"E
DA = N88°34'31"E

N65°48'02"E

NW¼ - NE¼

① DEAN TORRISON AND DEBRA TORRISON, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY
DOC. 933567

PI: 38+02.67
Y = 396075.839
X = 635052.722
DEFL. = 0°12'12" RT

N88°34'31"E

CTH P

SLOPE INTERCEPTS
FINISHED C/L CTH P
EXISTING C/L CTH P
R/W

N88°46'43"E

STA 52+51.58

SE SEC. 32 FOUND COLUMBIA COUNTY MONUMENT
Y = 396181.957
X = 636437.627

SE¼ - SE¼

TOWN OF RANDOLPH

TOWN OF COURTLAND

③ SENECA FOODS, LLC
DOC. 723658

NE¼ - NE¼

R/W MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
1000	25+85.94	80.08'LT	395903.508	633850.505
1001	29+96.41	56.10'LT	396049.068	634233.666
1002	31+94.52	75.11'LT	396132.511	634429.359
1004	38+50.00	51.46'LT	396141.481	635097.623
1005	39+00.00	70.00'LT	396161.085	635147.217
1006	41+50.00	70.00'LT	396166.414	635397.160
1007	42+00.00	48.70'LT	396146.181	635447.602
1008	48+00.00	43.96'LT	396154.236	636047.567
1009	48+50.00	60.00'LT	396171.338	636097.214
1010	49+50.00	60.00'LT	396173.470	636197.191
1011	50+50.00	41.99'LT	396157.593	636297.552
1012	51+00.00	41.59'LT	396158.264	636347.549
1013	52+25.00	60.00'LT	396179.332	636472.129
1014	52+52.63	60.00'LT	396179.921	636499.755
1015	52+51.44	63.24'RT	396056.686	636501.189
1016	48+25.51	83.14'RT	396027.708	636075.783
1017	45+00.00	60.00'RT	396043.904	635749.851
1018	43+45.00	73.00'RT	396027.603	635595.159
1019	41+75.00	50.00'RT	396046.974	635424.712
1020	38+02.00	50.00'RT	396039.025	635051.978
1021	31+45.00	40.00'RT	396008.906	634406.821
1022	27+50.00	60.00'RT	395842.165	634056.502
1023	25+32.00	50.00'RT	395762.823	633851.089
1024	25+20.00	33.68'RT	395773.424	633833.684
1025	22+80.65	33.36'RT	395694.897	633604.252
1026	22+00.00	33.21'RT	395672.588	633526.733
1027	22+00.00	54.05'LT	395756.397	633502.437

TLE POINTS TABLE				
POINT	STATION	OFFSET	Y	X
504	32+58.16	64.22'LT	396133.441	634498.681
505	32+58.38	80.00'LT	396149.111	634496.776
506	32+85.97	80.00'LT	396152.731	634526.556
507	32+86.24	60.98'LT	396133.847	634528.852
508	39+00.00	75.00'LT	396166.084	635147.110
509	41+50.00	75.00'LT	396171.413	635397.053
510	41+33.59	50.00'RT	396046.091	635383.312
511	41+33.59	75.00'RT	396021.097	635383.845
512	40+98.45	75.00'RT	396020.348	635348.713
513	40+98.45	50.00'RT	396045.342	635348.180
514	39+75.00	50.00'RT	396042.711	635224.758
515	39+75.00	55.00'RT	396037.712	635224.864
516	38+75.00	55.00'RT	396035.580	635124.887
517	38+75.00	50.00'RT	396040.579	635124.780
518	37+50.00	51.13'RT	396036.599	635000.018
519	37+50.00	55.00'RT	396032.733	635000.114
520	36+25.00	55.00'RT	396029.626	634875.153
521	36+25.00	53.86'RT	396030.768	634875.125
522	23+80.57	59.94'RT	395699.899	633709.348
523	23+40.00	60.00'RT	395686.976	633669.854
524	22+40.00	45.00'RT	395672.399	633568.435
525	22+40.00	33.28'RT	395683.651	633565.173

FOUND MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
1	31+49.98	65.56'LT	396112.281	634384.848
2	33+32.35	57.74'LT	396134.565	634578.051
30001	26+59.55	245.24'LT	396083.501	636848.878
30002	52+51.30	0.85'RT	396119.054	636499.724

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

UTILITY EASEMENT TABLE				
EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
1	WISCONSIN POWER AND LIGHT COMPANY	DOC. 282273, V.33, P.167	1	BLANKET EASEMENT
2	WISCONSIN POWER AND LIGHT COMPANY	DOC. 329050, V.40, P.467	3	10' WIDE EASEMENT

UTILITY INTEREST REQUIRED		
UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS

NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

R/W COURSE TABLE		
POINT TO POINT	COURSE BEARING	DISTANCE
1000 TO 1001	N69° 11' 55"E	409.88'
1001 TO 1	N67° 18' 32"E	163.87'
1 TO 1002	N65° 33' 29"E	48.89'
1002 TO 1004	N89° 13' 51"E	668.32'
1004 TO 1005	N68° 25' 56"E	53.33'
1005 TO 1006	N88° 46' 43"E	250.00'
1006 TO 1007	S68° 08' 37"E	54.35'
1007 TO 1008	N89° 13' 51"E	600.02'
1008 TO 1009	N70° 59' 34"E	52.51'
1009 TO 1010	N88° 46' 43"E	100.00'
1010 TO 1011	S81° 00' 38"E	101.61'
1011 TO 1012	N89° 13' 51"E	50.00'
1012 TO 1013	N80° 24' 06"E	126.35'
1013 TO 1014	N88° 46' 43"E	27.63'
1014 TO 30002	S00° 01' 45"W	60.87'
30002 TO 1015	S01° 20' 45"E	62.39'
1015 TO 1016	S86° 06' 11"W	426.39'
1016 TO 1017	N87° 09' 19"W	326.33'
1017 TO 1018	S83° 59' 04"W	155.55'
1018 TO 1019	N83° 30' 59"W	171.54'
1019 TO 1020	S88° 46' 42"W	372.82'
1020 TO 1021	S87° 19' 38"W	645.86'
1021 TO 1022	S64° 32' 49"W	387.98'
1022 TO 1023	S68° 52' 50"W	220.20'
1023 TO 1024	N58° 39' 18"W	20.38'
1024 TO 1025	(SEE ERWC1)	
1025 TO 1026	S73° 56' 42"W	80.67'
1026 TO 1027	N16° 10' 01"W	87.26'
1027 TO 1000	N67° 05' 19"E	377.88'

SCHEDULE OF LANDS AND INTERESTS						
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
1	DEAN TORRISON AND DEBRA TORRISON, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.004	0.29	0.294	0.14
3	SENECA FOODS, LLC	FEE, TLE	1.26	2.45	3.71	0.04
4	EDWARD L. OSTERHOFF AND LISA OSTERHOFF, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.25	2.48	2.73	0.04

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.

SHEET 4.03

REVISION DATE
9/2/2025 N.C.
9/23/2025

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P | R/W PROJECT NUMBER 6994-00-02 | PLAT SHEET 4.02

COUNTY: COLUMBIA | CONSTRUCTION PROJECT NUMBER 6994-00-72 | PS&E SHEET E

FILE NAME : R:\Projects\W11697 WisDOT - CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg | PLOT DATE : 9/26/2025 8:44 AM | PLOT BY : Tim Velte | PLOT NAME : | PLOT SCALE : | WISDOT/CADDS SHEET

SCHEDULE OF LANDS AND INTERESTS						
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
5	NEAL E. LLOYD	FEE	0.25	0.85	1.10	-
6	GARY BRAAKSMA, IN HIS OWN RIGHT	FEE, TLE	0.61	4.09	4.70	0.13

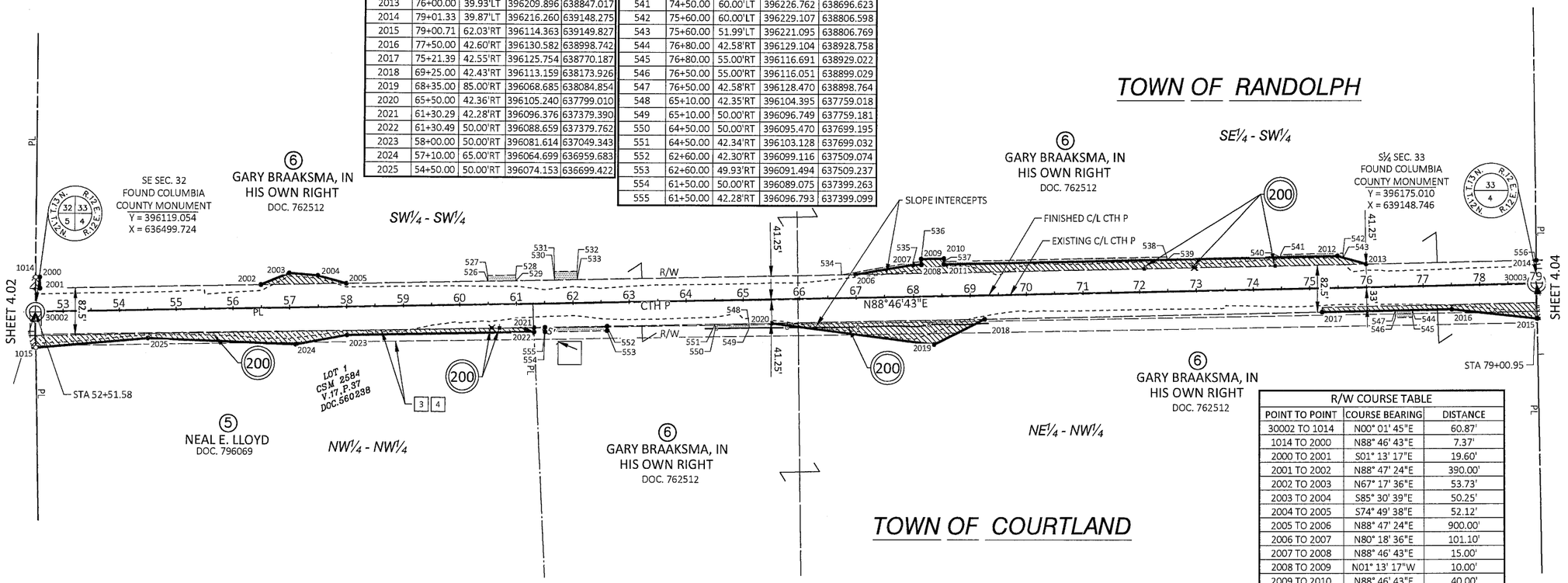
NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.

R/W MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
1014	52+52.63	60.00'LT	396179.921	636499.755
1015	52+51.44	63.24'RT	396056.686	636501.189
2000	52+60.00	60.00'LT	396180.078	636507.121
2001	52+60.00	40.40'LT	396160.479	636507.539
2002	56+50.00	40.32'LT	396168.715	636897.452
2003	57+00.00	60.00'LT	396189.457	636947.021
2004	57+50.00	55.00'LT	396185.524	636997.116
2005	58+00.00	40.29'LT	396171.883	637047.418
2006	67+00.00	40.11'LT	396190.890	637947.217
2007	68+00.00	55.00'LT	396207.907	638046.877
2008	68+15.00	55.00'LT	396208.227	638061.874
2009	68+15.00	65.00'LT	396218.224	638061.661
2010	68+55.00	65.00'LT	396219.077	638101.652
2011	68+55.00	55.00'LT	396209.079	638101.865
2012	75+50.00	55.00'LT	396223.895	638796.707
2013	76+00.00	39.93'LT	396209.896	638847.017
2014	79+01.33	39.87'LT	396216.260	639148.275
2015	79+00.71	62.03'RT	396114.363	639149.827
2016	77+50.00	42.60'RT	396130.582	638998.742
2017	75+21.39	42.55'RT	396125.754	638770.187
2018	69+25.00	42.43'RT	396113.159	638173.926
2019	68+35.00	85.00'RT	396068.685	638084.854
2020	65+50.00	42.36'RT	396105.240	637799.010
2021	61+30.29	42.28'RT	396096.376	637379.390
2022	61+30.49	50.00'RT	396088.659	637379.762
2023	58+00.00	50.00'RT	396081.614	637049.343
2024	57+10.00	65.00'RT	396064.699	636959.683
2025	54+50.00	50.00'RT	396074.153	636699.422

TLE POINTS TABLE				
POINT	STATION	OFFSET	Y	X
526	60+50.00	40.24'LT	396177.163	637297.362
527	60+50.00	50.00'LT	396186.920	637297.154
528	61+00.00	50.00'LT	396187.986	637347.143
529	61+00.00	40.23'LT	396178.219	637347.351
530	61+68.31	40.22'LT	396179.661	637415.647
531	61+68.31	55.00'LT	396194.441	637415.332
532	62+08.31	55.00'LT	396195.294	637455.323
533	62+08.31	40.21'LT	396180.506	637455.639
534	66+75.00	40.12'LT	396190.362	637922.223
535	68+00.00	60.00'LT	396212.906	638046.771
536	68+15.00	60.00'LT	396213.226	638061.767
537	68+55.00	60.00'LT	396214.078	638101.758
538	72+50.00	60.00'LT	396222.498	638496.668
539	72+50.00	55.00'LT	396217.500	638496.775
540	74+50.00	55.00'LT	396221.763	638696.730
541	74+50.00	60.00'LT	396226.762	638696.623
542	75+60.00	60.00'LT	396229.107	638806.598
543	75+60.00	51.99'LT	396221.095	638806.769
544	76+80.00	42.58'RT	396129.104	638928.758
545	76+80.00	55.00'RT	396116.691	638929.022
546	76+50.00	55.00'RT	396116.051	638899.029
547	76+50.00	42.58'RT	396128.470	638898.764
548	65+10.00	42.35'RT	396104.395	637759.018
549	65+10.00	50.00'RT	396096.749	637759.181
550	64+50.00	50.00'RT	396095.470	637699.195
551	64+50.00	42.34'RT	396103.128	637699.032
552	62+60.00	42.30'RT	396099.116	637509.074
553	62+60.00	49.93'RT	396091.494	637509.237
554	61+50.00	50.00'RT	396089.075	637399.263
555	61+50.00	42.28'RT	396096.793	637399.099

FOUND MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
30002	52+51.30	0.85'RT	396119.054	636499.724
30003	79+00.92	1.38'RT	396175.010	639148.746

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.



UTILITY EASEMENT TABLE				
EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
3	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328956, V.40, P.268	5,6	20' WIDE EASEMENT
4	WISCONSIN POWER AND LIGHT COMPANY	DOC. 329966, V.43, P.56	5,6	20' WIDE EASEMENT

UTILITY INTEREST REQUIRED		
UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS

R/W COURSE TABLE		
POINT TO POINT	COURSE BEARING	DISTANCE
30002 TO 1014	N00° 01' 45"E	60.87'
1014 TO 2000	N88° 46' 43"E	7.37'
2000 TO 2001	S01° 13' 17"E	19.60'
2001 TO 2002	N88° 47' 24"E	390.00'
2002 TO 2003	N67° 17' 36"E	53.73'
2003 TO 2004	S85° 30' 39"E	50.25'
2004 TO 2005	S74° 49' 38"E	52.12'
2005 TO 2006	N88° 47' 24"E	900.00'
2006 TO 2007	N80° 18' 36"E	101.10'
2007 TO 2008	N88° 46' 43"E	15.00'
2008 TO 2009	N01° 13' 17"W	10.00'
2009 TO 2010	N88° 46' 43"E	40.00'
2010 TO 2011	S01° 13' 17"E	10.00'
2011 TO 2012	N88° 46' 43"E	695.00'
2012 TO 2013	S74° 27' 05"E	52.22'
2013 TO 2014	N88° 47' 24"E	301.33'
2014 TO 30003	S00° 39' 14"E	41.25'
30003 TO 2015	S01° 01' 17"E	60.66'
2015 TO 2016	N83° 52' 21"W	151.95'
2016 TO 2017	S88° 47' 24"W	228.61'
2017 TO 2018	S88° 47' 24"W	596.39'
2018 TO 2019	S63° 28' 00"W	99.56'
2019 TO 2020	N82° 42' 44"W	288.17'
2020 TO 2021	S88° 47' 24"W	419.71'
2021 TO 2022	S02° 45' 41"E	7.73'
2022 TO 2023	S88° 46' 43"W	330.49'
2023 TO 2024	S79° 18' 58"W	91.24'
2024 TO 2025	N87° 55' 11"W	260.43'
2025 TO 1015	S84° 57' 52"W	199.00'
1015 TO 30002	N01° 20' 45"W	62.39'

NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

REVISION DATE
9/2/2025 N.C.
9/23/2025 N.C.

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P | R/W PROJECT NUMBER 6994-00-02 | PLAT SHEET 4.03

COUNTY: COLUMBIA | CONSTRUCTION PROJECT NUMBER 6994-00-72 | PS&E SHEET E

FILE NAME : R:\Projects\W11697 WisDOT - CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg | PLOT DATE : 9/26/2025 8:44 AM | PLOT BY : Tim Velte | PLOT NAME : | PLOT SCALE :

WISDOT/CADDS SH 92

R/W COURSE TABLE		
POINT TO POINT	COURSE BEARING	DISTANCE
30003 TO 2014	N00° 39' 14"W	41.25'
2014 TO 3000	N88° 44' 10"E	193.67'
3000 TO 3001	N01° 13' 17"W	24.98'
3001 TO 3002	N88° 46' 43"E	20.00'
3002 TO 3003	S01° 13' 17"E	24.97'
3003 TO 3004	N88° 44' 09"E	1285.00'
3004 TO 3005	N78° 33' 37"E	50.81'
3005 TO 3006	N88° 46' 43"E	75.00'
3006 TO 3007	S71° 37' 23"E	26.54'
3007 TO 3008	N88° 44' 09"E	674.80'
3008 TO 3009	N65° 38' 23"E	81.39'
3009 TO 3010	S68° 14' 30"E	81.64'
3010 TO 3011	N88° 44' 09"E	175.94'
3011 TO 30004	S00° 56' 54"E	41.25'
30004 TO 3012	S00° 52' 21"E	41.25'
3012 TO 3013	S88° 44' 09"W	232.30'
3013 TO 3014	S64° 16' 12"W	74.33'
3014 TO 3015	N64° 56' 28"W	55.90'
3015 TO 3016	S88° 29' 38"W	550.00'
3016 TO 3017	S78° 57' 07"W	177.86'
3017 TO 3018	N82° 07' 52"W	126.59'
3018 TO 3019	S88° 46' 43"W	350.00'
3019 TO 3020	S83° 04' 05"W	50.25'
3020 TO 3021	S88° 46' 43"W	150.00'
3021 TO 3022	N82° 41' 26"W	101.12'
3022 TO 3023	S88° 46' 43"W	500.00'
3023 TO 3024	S71° 15' 11"W	99.62'
3024 TO 2015	N86° 11' 45"W	205.08'
2015 TO 30003	N01° 01' 17"W	60.66'

R/W MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
2014	79+01.33	39.87'LT	396216.260	639148.275
2015	79+00.71	62.03'RT	396114.363	639149.827
3000	80+95.00	40.02'LT	396220.532	639341.903
3001	80+95.00	65.00'LT	396245.510	639341.370
3002	81+15.00	65.00'LT	396245.936	639361.365
3003	81+15.00	40.03'LT	396220.973	639361.897
3004	94+00.00	40.99'LT	396249.321	640646.585
3005	94+50.00	50.00'LT	396259.398	640696.382
3006	95+25.00	50.00'LT	396260.997	640771.365
3007	95+50.00	41.10'LT	396252.630	640796.549
3008	102+25.00	38.39'LT	396267.517	641471.186
3009	103+00.00	70.00'LT	396301.088	641545.330
3010	103+75.00	37.76'LT	396270.826	641621.151
3011	105+50.94	37.01'LT	396274.707	641797.046
3012	105+50.08	45.49'RT	396192.216	641798.357
3013	103+17.78	44.50'RT	396187.091	641566.116
3014	102+50.00	75.00'RT	396154.824	641499.158
3015	102+00.00	50.00'RT	396178.501	641448.518
3016	96+50.00	50.00'RT	396164.044	640898.708
3017	94+75.00	80.00'RT	396129.960	640724.147
3018	93+50.00	60.00'RT	396147.291	640598.749
3019	90+00.00	60.00'RT	396139.830	640248.829
3020	89+50.00	65.00'RT	396133.766	640198.947
3021	88+00.00	65.00'RT	396130.568	640048.981
3022	87+00.00	50.00'RT	396143.433	639948.684
3023	82+00.00	50.00'RT	396132.774	639448.797
3024	81+05.00	80.00'RT	396100.756	639354.459

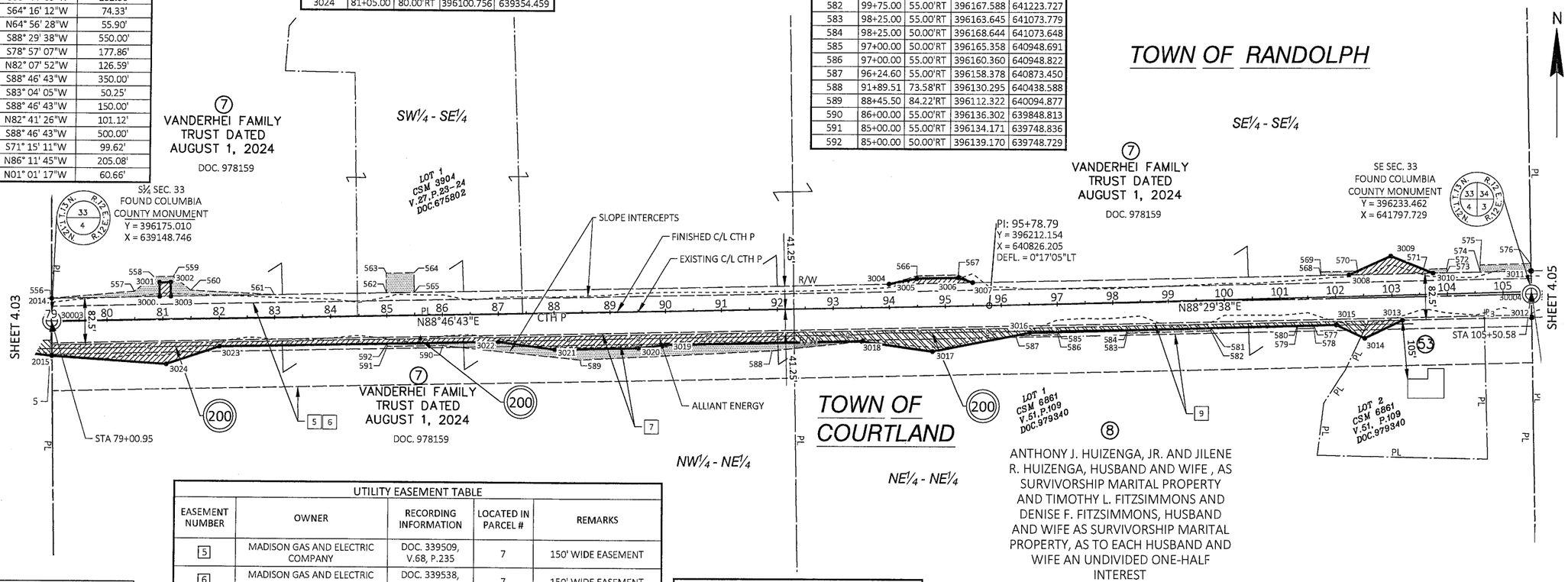
TLE POINTS TABLE				
POINT	STATION	OFFSET	Y	X
556	79+00.00	39.87'LT	396216.232	639146.950
557	80+50.00	50.00'LT	396229.554	639296.700
558	80+85.00	75.00'LT	396255.295	639331.159
559	81+20.00	75.00'LT	396256.041	639366.151
560	81+50.00	50.00'LT	396231.686	639396.677
561	83+00.00	40.17'LT	396225.055	639546.853
562	85+00.00	40.32'LT	396229.467	639746.804
563	85+00.00	75.00'LT	396264.141	639746.065
564	85+50.00	75.00'LT	396265.207	639796.053
565	85+50.00	40.35'LT	396230.570	639796.792
566	94+50.00	55.00'LT	396264.397	640696.275
567	95+25.00	55.00'LT	396265.995	640771.258
568	101+75.00	38.60'LT	396266.414	641421.198
569	101+75.00	45.00'LT	396272.811	641421.029
570	102+40.68	45.18'LT	396274.713	641486.687
571	103+58.15	45.00'LT	396277.625	641604.116
572	104+00.00	45.00'LT	396278.725	641645.952
573	104+00.00	37.65'LT	396271.377	641646.145
574	104+60.00	37.40'LT	396272.701	641706.131
575	104+60.00	50.00'LT	396285.300	641705.800
576	105+50.00	50.00'LT	396287.666	641795.768
577	101+60.00	50.00'RT	396177.449	641408.532
578	101+60.00	55.00'RT	396172.451	641408.663
579	101+30.00	55.00'RT	396171.662	641378.674
580	101+30.00	50.00'RT	396176.661	641378.542
581	99+75.00	50.00'RT	396172.586	641223.596
582	99+75.00	55.00'RT	396167.588	641223.727
583	98+25.00	55.00'RT	396163.645	641073.779
584	98+25.00	50.00'RT	396168.644	641073.648
585	97+00.00	50.00'RT	396165.358	640948.691
586	97+00.00	55.00'RT	396160.360	640948.822
587	96+24.60	55.00'RT	396158.378	640873.450
588	91+89.51	73.58'RT	396130.295	640438.588
589	88+45.50	84.22'RT	396112.322	640094.877
590	86+00.00	55.00'RT	396136.302	639848.813
591	85+00.00	55.00'RT	396134.171	639748.836
592	85+00.00	50.00'RT	396139.170	639748.729

FOUND MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
3	104+65.41	44.86'RT	396190.619	641713.700
30003	79+00.92	1.38'RT	396175.010	639148.746
30004	105+50.54	4.24'RT	396233.462	641797.729

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

SCHEDULE OF LANDS AND INTERESTS						
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
7	VANDERHEI FAMILY TRUST DATED AUGUST 1, 2024	FEE, TLE	0.60	3.71	4.31	0.41
8	ANTHONY J. HUIZENGA, JR. AND JILENE R. HUIZENGA, HUSBAND AND WIFE , AS SURVIVORSHIP MARITAL PROPERTY AND TIMOTHY L. FITZSIMMONS AND DENISE F. FITZSIMMONS, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY, AS TO EACH HUSBAND AND WIFE AN UNDIVIDED ONE-HALF INTEREST	FEE,TLE	0.34	1.25	1.59	0.04
53	DANIEL PULVERMACHER AND ALICIA PULVERMACHER, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE	0.02	-	0.02	-

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.



UTILITY EASEMENT TABLE				
EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
5	MADISON GAS AND ELECTRIC COMPANY	DOC. 339509, V.68, P.235	7	150' WIDE EASEMENT
6	MADISON GAS AND ELECTRIC COMPANY	DOC. 339538, V.68, P.277	7	150' WIDE EASEMENT
7	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328700, V.39, P.463	7	20' WIDE EASEMENT
9	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328705, V.39, P474	7	20' WIDE EASEMENT

UTILITY INTEREST REQUIRED		
UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS

NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

REVISION DATE
9/2/2025
9/23/2025 N.C.

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P | R/W PROJECT NUMBER 6994-00-02 | PLAT SHEET 4.04

COUNTY: COLUMBIA | CONSTRUCTION PROJECT NUMBER 6994-00-72 | PS&E SHEET E

FILE NAME : R:\Projects\W11697 WisDOT – CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg PLOT DATE : 9/26/2025 8:44 AM PLOT BY : Tim Velte PLOT NAME : PLOT SCALE :

WISDOT/CADDS SH

SCHEDULE OF LANDS AND INTERESTS						
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
52	ANTHONY J. HUIZENGA, JR. AND JILENE R. HUIZENGA, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.27	1.42	1.69	0.01
9	DARRELL AND SHELLY WIERSMA FAMILY TRUST DATED MAY 20, 2022	FEE, TLE	0.62	2.58	3.20	0.13
10	FREDERICK R. DEJAGER, A SINGLE PERSON	FEE, TLE	0.03	0.22	0.25	0.01
49	PATRICIA A. HUIZENGA AND ANTHONY J. HUIZENGA, JR., CO-TRUSTEES, UNDER THE PATRICIA A. HUIZENGA REVOCABLE TRUST DATED JULY 30, 2014 (VENDOR), AND SAMUEL G. WIERSMA AND REBECCA J. WIERSMA, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY (VENDEE)	FEE, TLE	-	1.16	1.16	0.01

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.

R/W MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
3011	105+50.94	37.06'LT	396274.755	641797.046
3012	105+50.08	45.07'RT	396192.634	641798.351
4000	111+00.00	37.60'LT	396289.732	642345.904
4001	111+00.00	50.00'LT	396302.123	642345.578
4002	119+00.00	50.00'LT	396323.152	643145.302
4003	120+00.00	60.00'LT	396335.777	643245.005
4004	122+65.00	65.00'LT	396347.741	643509.782
4005	124+00.00	50.00'LT	396336.294	643645.129
4006	125+00.00	50.00'LT	396338.923	643745.095
4007	126+00.00	39.09'LT	396330.648	643845.347
4008	127+50.00	39.24'LT	396334.739	643995.291
4009	127+75.00	55.00'LT	396351.150	644019.868
4010	130+97.75	55.00'LT	396359.633	644342.507
4011	131+73.00	130.41'LT	396436.997	644415.752
4012	131+74.69	220.39'LT	396526.992	644415.072
4013	132+08.63	219.86'LT	396527.348	644449.018
4014	118+89.86	79.11'RT	396193.821	643138.556
4015	118+88.84	169.76'RT	396103.176	643139.918
4016	118+22.84	168.98'RT	396102.218	643073.925
4017	118+23.29	129.16'RT	396142.041	643073.327
4018	117+39.24	44.22'RT	396224.742	642987.075
4019	111+96.08	44.60'RT	396210.077	642444.115
4020	109+05.00	80.00'RT	396167.042	642154.063
4021	107+37.16	44.93'RT	396197.686	641985.360

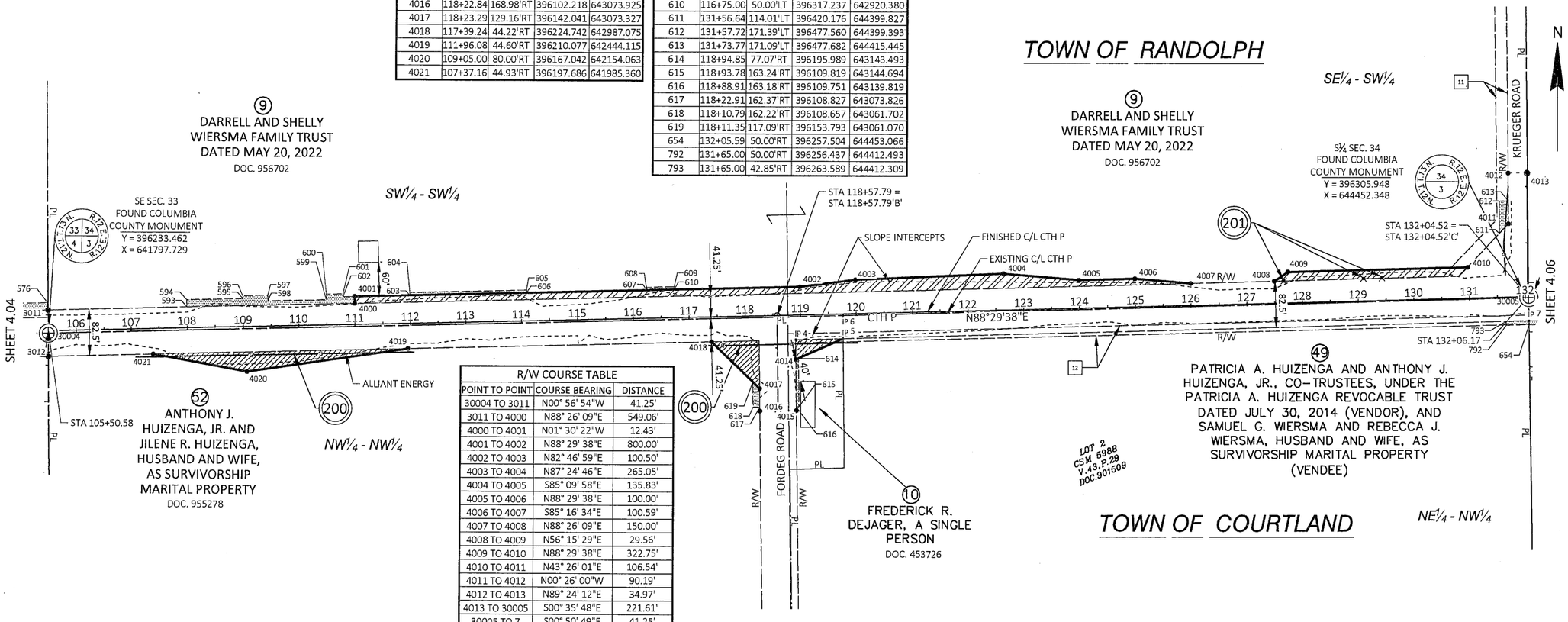
TLE POINTS TABLE				
POINT	STATION	OFFSET	Y	X
576	105+50.00	50.00'LT	396287.666	641795.768
593	108+00.00	37.31'LT	396281.548	642046.016
594	108+00.00	50.00'LT	396294.237	642045.682
595	109+00.00	50.00'LT	396296.866	642145.648
596	109+00.00	55.00'LT	396301.864	642145.516
597	109+45.00	55.00'LT	396303.047	642190.501
598	109+45.00	45.00'LT	396293.051	642190.763
599	110+50.00	45.00'LT	396295.811	642295.727
600	110+50.00	55.00'LT	396305.807	642295.464
601	110+80.00	55.00'LT	396306.596	642325.454
602	110+80.00	50.00'LT	396301.597	642325.585
603	112+00.00	50.00'LT	396304.752	642445.544
604	112+00.00	55.00'LT	396309.750	642445.412
605	114+10.00	55.00'LT	396315.270	642655.340
606	114+10.00	50.00'LT	396310.272	642655.471
607	116+25.00	50.00'LT	396315.923	642870.397
608	116+25.00	55.00'LT	396320.921	642870.266
609	116+75.00	55.00'LT	396322.236	642920.248
610	116+75.00	50.00'LT	396317.237	642920.380
611	131+56.64	114.01'LT	396420.176	644399.827
612	131+57.72	171.39'LT	396477.560	644399.393
613	131+73.77	171.09'LT	396477.682	644415.445
614	118+94.85	77.07'RT	396195.989	643143.493
615	118+93.78	163.24'RT	396109.819	643144.694
616	118+88.91	163.18'RT	396109.751	643139.819
617	118+22.91	162.37'RT	396108.827	643073.826
618	118+10.79	162.22'RT	396108.657	643061.702
619	118+11.35	117.09'RT	396153.793	643061.070
654	132+05.59	50.00'RT	396257.504	644453.066
792	131+65.00	50.00'RT	396256.437	644412.493
793	131+65.00	42.85'RT	396263.589	644412.309

FOUND MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
4	118+90.56	43.88'RT	396229.053	643138.337
5	119+75.78	44.05'RT	396231.129	643223.530
6	119+76.72	2.57'RT	396272.618	643223.375
7	132+05.64	42.72'RT	396264.782	644452.925
30004	105+50.54	4.24'RT	396233.462	641797.729
30005	132+06.14	1.55'RT	396305.948	644452.348

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

UTILITY INTEREST REQUIRED		
UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS
201	BRIGHTSPEED	RELEASE OF RIGHTS

UTILITY EASEMENT TABLE				
EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
11	WISCONSIN POWER AND LIGHT COMPANY	DOC. 717797	9	20' WIDE EASEMENT
12	PEOPLES TELEPHONE COMPANY	DOC. 405661, V.212, P.582	10,49	1 ROD WIDE EASEMENT



R/W COURSE TABLE		
POINT TO POINT	COURSE BEARING	DISTANCE
30004 TO 3011	N00° 56' 54"W	41.25'
3011 TO 4000	N88° 26' 09"E	549.06'
4000 TO 4001	N01° 30' 22"W	12.43'
4001 TO 4002	N88° 29' 38"E	800.00'
4002 TO 4003	N82° 46' 59"E	100.50'
4003 TO 4004	N87° 24' 46"E	265.05'
4004 TO 4005	S85° 09' 58"E	135.83'
4005 TO 4006	N88° 29' 38"E	100.00'
4006 TO 4007	S85° 16' 34"E	100.59'
4007 TO 4008	N88° 26' 09"E	150.00'
4008 TO 4009	N56° 15' 29"E	29.56'
4009 TO 4010	N88° 29' 38"E	322.75'
4010 TO 4011	N43° 26' 01"E	106.54'
4011 TO 4012	N00° 26' 00"W	90.19'
4012 TO 4013	N89° 24' 12"E	34.97'
4013 TO 30005	S00° 35' 48"E	221.61'
30005 TO 7	S00° 50' 49"E	41.25'
7 TO 5	S88° 26' 09"W	1229.89'
5 TO 4014	S66° 17' 46"W	92.80'
4014 TO 4015	S00° 51' 39"E	90.62'
4015 TO 4016	S89° 08' 21"W	66.00'
4016 TO 4017	N00° 51' 39"W	39.83'
4017 TO 4018	N46° 12' 14"W	119.46'
4018 TO 4019	S88° 26' 02"W	544.90'
4019 TO 4020	S81° 33' 39"W	291.50'
4020 TO 4021	N79° 42' 18"W	169.69'
4021 TO 3012	S88° 26' 09"W	188.81'
3012 TO 30004	N00° 52' 21"W	41.25'

NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

REVISION DATE
9/2/2025
9/23/2025 N.C.

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P	R/W PROJECT NUMBER	6994-00-02	PLAT SHEET 4.05
COUNTY: COLUMBIA	CONSTRUCTION PROJECT NUMBER	6994-00-72	PS&E SHEET E

FILE NAME : R:\Projects\W11697 WisDOT - CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg PLOT DATE : 9/26/2025 8:44 AM PLOT BY : Tim Velte PLOT NAME : PLOT SCALE : WISDOT/CADDS SHT

SCHEDULE OF LANDS AND INTERESTS

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
11	BRET A. WESTRA AND SHELLY A. WESTRA, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.08	2.97	3.05	0.08
12	AUSTIN CULLEN TREINEN, AN UNMARRIED PERSON, AND LYDIA RACHEL JANUTOLO, AN UNMARRIED PERSON,AS JOINT TENANTS WITH RIGHTS OF SURVIVORSHIP	FEE, TLE	-	0.42	0.42	0.004
13	JEANNE A. RADKE, A MARRIED WOMAN	FEE, TLE	0.29	0.93	1.22	0.10
14	DENIS A. HOMAN AND DIANE M. HOMAN, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	-	0.88	0.88	0.02
51	DARRELL AND SHELLY WIERSMA FAMILY TRUST DATED MAY 20, 2022	FEE	0.02	0.03	0.05	-

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.

R/W MONUMENTS TABLE

POINT	STATION	OFFSET	Y	X
4013	132+08.63	219.86'LT	396527.348	644449.018
5000	132+40.68	219.35'LT	396527.684	644481.071
5001	132+39.02	130.48'LT	396438.797	644481.743
5002	133+21.59	48.06'LT	396358.579	644566.452
5003	158+62.01	45.10'LT	396419.592	647106.281
5004	158+60.91	44.20'RT	396330.288	647107.253
5005	150+50.00	40.00'RT	396315.605	646296.469
5006	150+00.00	32.57'RT	396321.867	646246.309
5007	148+00.00	33.00'RT	396316.417	646046.481
5008	147+75.00	50.00'RT	396298.757	646021.937
5009	144+75.00	50.00'RT	396290.871	645722.041
5010	144+50.00	41.58'RT	396298.627	645696.828
5011	139+25.00	42.10'RT	396284.312	645172.023
5012	139+00.00	55.00'RT	396270.759	645147.371
5013	137+50.00	55.00'RT	396266.816	644997.423
5014	137+00.00	42.32'RT	396278.178	644947.107
5015	133+75.00	42.64'RT	396269.316	644622.227
5016	133+75.00	55.00'RT	396256.959	644622.552
5017	133+50.00	55.00'RT	396256.302	644597.561
5018	133+50.00	42.66'RT	396268.635	644597.237

TLE POINTS TABLE

POINT	STATION	OFFSET	Y	X
620	132+39.85	174.85'LT	396483.181	644481.408
621	132+47.79	174.70'LT	396483.241	644489.353
622	132+46.82	122.69'LT	396431.219	644489.746
623	137+95.00	48.52'LT	396371.488	645039.686
624	137+95.00	55.00'LT	396377.961	645039.516
625	138+25.00	55.00'LT	396378.750	645069.505
626	138+25.00	48.55'LT	396372.306	645069.675
627	148+40.00	41.33'LT	396391.761	646084.514
628	148+40.00	47.00'LT	396397.432	646084.365
629	148+70.00	47.00'LT	396398.221	646114.355
630	148+70.00	41.36'LT	396392.583	646114.503
631	149+70.47	47.00'LT	396400.729	646214.936
632	150+00.00	47.00'LT	396401.417	646244.456
633	150+00.00	41.68'LT	396396.097	646244.580
634	158+00.00	44.86'LT	396417.905	647044.289
635	158+00.00	55.00'LT	396428.044	647044.053
636	158+62.14	55.00'LT	396429.491	647106.173
637	157+29.58	43.52'RT	396327.910	646975.944
638	156+00.00	50.00'RT	396318.415	646846.552
639	154+40.46	42.02'RT	396322.675	646686.872
640	151+85.92	40.70'RT	396318.066	646432.364
641	151+00.00	45.00'RT	396311.771	646346.571
642	147+89.70	40.00'RT	396309.140	646036.368
643	146+40.00	50.00'RT	396295.209	645886.984
644	146+40.00	55.00'RT	396290.210	645887.115
645	144+90.00	55.00'RT	396286.267	645737.167
646	144+90.00	50.00'RT	396291.266	645737.036
647	138+00.00	55.00'RT	396268.130	645047.405
648	138+00.00	60.00'RT	396263.132	645047.537
649	137+00.00	60.00'RT	396260.504	644947.571
650	135+00.00	42.52'RT	396272.724	644747.181
651	135+00.00	50.00'RT	396265.243	644747.378
652	133+75.00	50.00'RT	396261.957	644622.421
653	133+50.00	50.00'RT	396261.300	644597.430
654	132+05.59	50.00'RT	396257.504	644453.066

FOUND MONUMENTS TABLE

POINT	STATION	OFFSET	Y	X
7	132+05.64	42.72'RT	396264.782	644452.925
8	145+34.56	49.31'LT	396391.716	645778.971
9	145+33.85	0.13'RT	396342.271	645779.564
10	146+34.04	41.10'LT	396386.119	645878.633
11	149+70.40	41.56'LT	396395.291	646214.996
12	149+69.90	0.50'LT	396354.225	646215.448
30005	132+06.14	1.55'RT	396305.948	644452.348
30006	158+61.50	3.86'LT	396378.348	647106.730

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

R/W COURSE TABLE

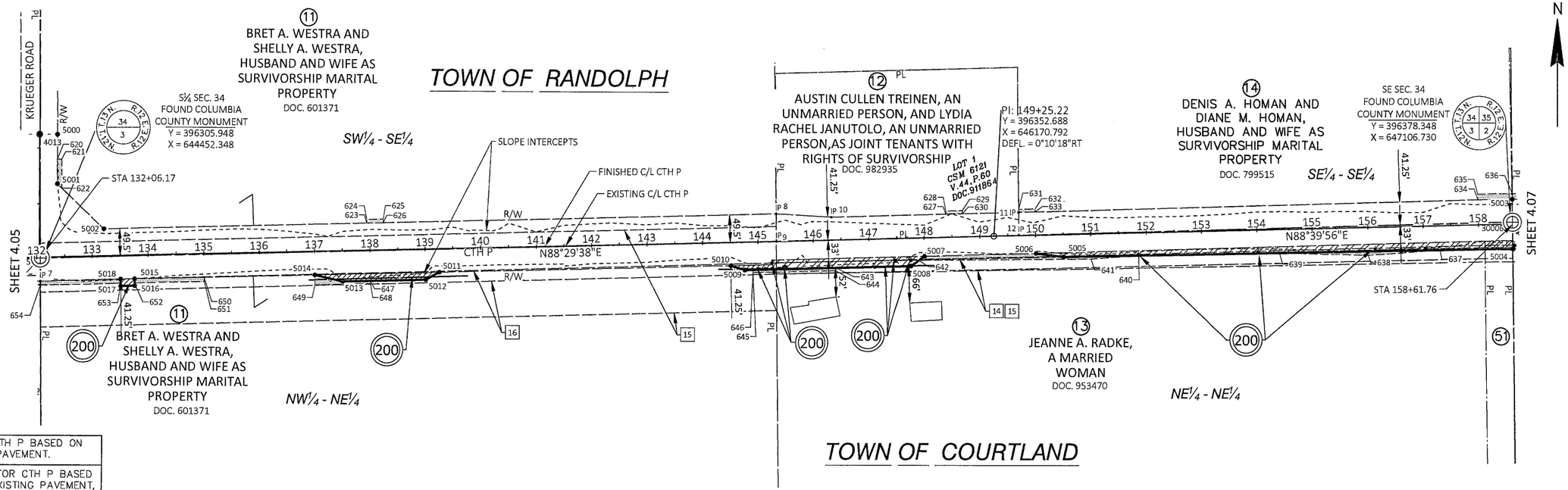
POINT TO POINT	COURSE BEARING	DISTANCE
30005 TO 4013	N00° 35' 48"W	221.61'
4013 TO 5000	N89° 45' 02"E	31.03'
5000 TO 5001	S00° 26' 00"E	88.89'
5001 TO 5002	S46° 33' 34"E	116.66'
5002 TO 8	N88° 26' 15"E	1212.98'
8 TO 10	S86° 49' 16"E	99.85'
10 TO 11	N88° 26' 15"E	336.45'
11 TO 5003	N88° 26' 15"E	891.62'
5003 TO 30006	S00° 37' 25"E	41.26'
30006 TO 5004	S00° 37' 25"E	48.06'
5004 TO 5005	S88° 57' 45"W	810.92'
5005 TO 5006	N82° 53' 01"W	50.55'
5006 TO 5007	S88° 26' 15"W	199.90'
5007 TO 5008	S54° 15' 54"W	30.24'
5008 TO 5009	S88° 29' 38"W	300.00'
5009 TO 5010	N72° 54' 09"W	26.38'
5010 TO 5011	S88° 26' 15"W	525.00'
5011 TO 5012	S61° 11' 56"W	28.13'
5012 TO 5013	S88° 29' 38"W	150.00'
5013 TO 5014	N77° 16' 33"W	51.58'
5014 TO 5015	S88° 26' 15"W	325.00'
5015 TO 5016	S01° 30' 22"E	12.36'
5016 TO 5017	S88° 29' 38"W	25.00'
5017 TO 5018	N01° 30' 22"W	12.34'
5018 TO 7	S88° 26' 15"W	144.33'
7 TO 30005	N00° 50' 49"W	41.25'

UTILITY EASEMENT TABLE

EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
13	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328709, V.39, P.481	11	20' WIDE EASEMENT
14	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328708, V.39, P.480	13	20' WIDE EASEMENT
15	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328957, V.40, P. 270	11,13	20' WIDE EASEMENT
16	MADISON GAS AND ELECTRIC COMPANY	DOC.339948, V.39, P.481	11	150' WIDE EASEMENT

UTILITY INTEREST REQUIRED

UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS



NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

REVISION DATE
9/2/2025
9/23/2025 N.C.

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P | R/W PROJECT NUMBER 6994-00-02 | PLAT SHEET 4.06

COUNTY: COLUMBIA | CONSTRUCTION PROJECT NUMBER 6994-00-72 | PS&E SHEET E

FILE NAME : R:\Projects\W11697 WisDOT - CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg PLOT DATE : 9/26/2025 8:44 AM PLOT BY : Tim Velte PLOT NAME : PLOT SCALE :

SCHEDULE OF LANDS AND INTERESTS						
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
14	DENIS HOMAN AND DIANE HOMAN, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.21	1.70	1.91	0.09
15	HUGH J. ROBERTS AND JANE D. ROBERTS, HUSBAND AND WIFE	FEE, TLE	0.05	0.83	0.88	0.06
16	TREENA HOMAN	FEE, TLE	-	0.07	0.07	0.01
17	HAROLD AND DARLYN DEYOUNG FAMILY TRUST DATED APRIL 19, 2022	FEE, TLE	-	1.54	1.54	0.11
18	TRAVIS A. HOMAN AND MARY JO HOMAN, OR THEIR SUCCESSOR, AS TRUSTEES OF TRAVIS A. AND MARY JO HOMAN REVOCABLE TRUST DATED FEBRUARY 3, 2020	FEE, TLE	-	0.43	0.43	0.01

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.

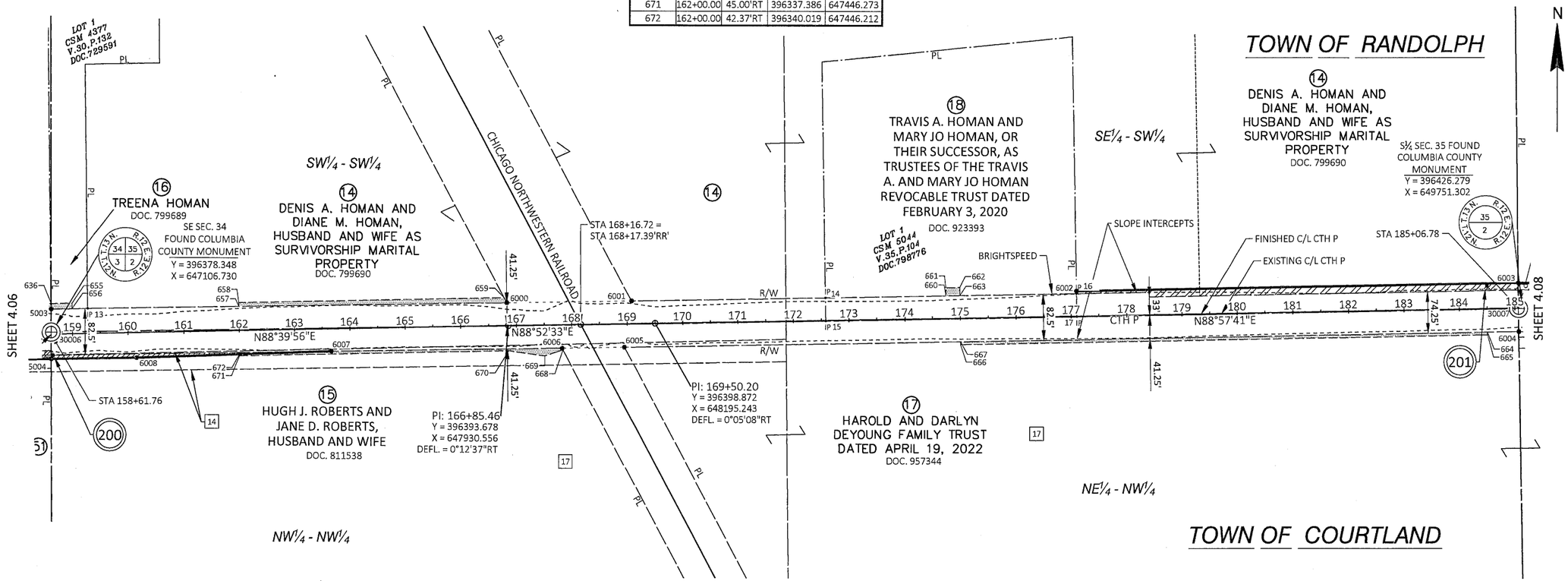
R/W MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
5003	158+62.01	45.10'LT	396419.592	647106.281
5004	158+60.91	44.20'RT	396330.288	647107.253
6000	166+83.43	40.86'LT	396434.479	647927.572
6001	169+08.33	40.51'LT	396438.558	648152.588
6002	177+10.20	45.00'LT	396457.642	648954.306
6003	185+06.89	45.00'LT	396472.084	649750.862
6004	185+06.37	42.05'RT	396385.034	649751.920
6005	168+94.51	41.96'RT	396355.826	648140.388
6006	167+81.98	41.79'RT	396353.786	648027.880
6007	163+66.22	40.00'RT	396346.255	647612.336
6008	160+15.00	45.00'RT	396333.078	647261.323

TLE POINTS TABLE				
POINT	STATION	OFFSET	Y	X
636	158+62.14	55.00'LT	396429.491	647106.173
655	159+00.00	55.00'LT	396430.373	647144.026
656	159+00.00	44.91'LT	396420.281	647144.261
657	162+00.00	43.36'LT	396425.718	647444.216
658	162+00.00	50.00'LT	396432.360	647444.061
659	166+78.77	50.00'LT	396443.509	647922.704
660	174+75.00	40.55'LT	396448.927	648719.221
661	174+75.00	55.00'LT	396463.377	648718.959
662	175+00.00	55.00'LT	396463.830	648743.955
663	175+00.00	40.54'LT	396449.369	648744.218
664	184+50.00	42.05'RT	396384.013	649695.559
665	184+50.00	47.00'RT	396379.068	649695.648
666	175+00.00	47.00'RT	396361.847	648745.804
667	175+00.00	42.05'RT	396366.797	648745.715
668	167+83.63	45.00'RT	396350.613	648029.591
669	167+50.00	55.00'RT	396339.955	647996.160
670	166+85.54	45.00'RT	396348.688	647931.521
671	162+00.00	45.00'RT	396337.386	647446.273
672	162+00.00	42.37'RT	396340.019	647446.212

FOUND MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
13	159+27.97	45.09'LT	396421.115	647172.224
14	172+58.29	40.64'LT	396445.089	648502.546
15	172+58.30	0.67'RT	396403.787	648503.309
16	177+10.20	40.45'LT	396453.092	648954.389
17	177+10.31	0.69'RT	396411.960	648955.244
30006	158+61.50	3.86'LT	396378.348	647106.730
30007	185+06.50	0.81'RT	396426.280	649751.302

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

R/W COURSE TABLE		
POINT TO POINT	COURSE BEARING	DISTANCE
30006 TO 5003	N00° 37' 25"W	41.25'
5003 TO 6000	N88° 57' 42"E	821.43'
6000 TO 6001	N88° 57' 42"E	225.05'
6001 TO 16	N88° 57' 42"E	801.93'
16 TO 6002	N01° 02' 18"W	4.55'
6002 TO 6003	N88° 57' 41"E	796.69'
6003 TO 30007	S00° 33' 03"E	45.81'
30007 TO 6004	S00° 51' 29"E	41.25'
6004 TO 6005	S88° 57' 42"W	1611.80'
6005 TO 6006	S88° 57' 42"W	112.53'
6006 TO 6007	S88° 57' 42"W	415.61'
6007 TO 6008	S87° 51' 00"W	351.26'
6008 TO 5004	S88° 57' 45"W	154.10'
5004 TO 30006	N00° 37' 25"W	48.06'



UTILITY EASEMENT TABLE				
EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
14	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328708, V.39, P.480	15	20' WIDE EASEMENT
17	COLUMBUS RURAL ELECTRIC COOPERATIVE	DOC. 223227	15,17	BLANKET EASEMENT

UTILITY INTEREST REQUIRED		
UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS

NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

REVISION DATE
9/2/2025
9/23/2025 N.C.

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P | R/W PROJECT NUMBER 6994-00-02 | PLAT SHEET 4.07

COUNTY: COLUMBIA | CONSTRUCTION PROJECT NUMBER 6994-00-72 | PS&E SHEET E

FILE NAME : R:\Projects\W11697 WisDOT - CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg | PLOT DATE : 9/26/2025 8:44 AM | PLOT BY : Tim Velte | PLOT NAME : | PLOT SCALE : | WISDOT/CADDS SHE

SCHEDULE OF LANDS AND INTERESTS						
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
17	HAROLD M. DeYOUNG AND DARLYN DeYOUNG A/K/A DARLYN R. DeYOUNG, AND HAROLD AND DARLYN DeYOUNG FAMILY TRUST DATED APRIL 19, 2022	FEE, TLE	0.32	2.51	2.83	0.05
19	WILLIAM A. GAASTRA AND LAURA K. GAASTRA, HUSBAND AND WIFE	FEE, TLE	-	0.36	0.36	0.08
20	WILLIAM A. GAASTRA AND LAURA K. GAASTRA, HUSBAND AND WIFE AN UNDIVIDED 1/2 INTEREST AND ANDREW GAASTRA, AS TOA 1/2 INTEREST ; SUBJECT TO A LAND CONTRACT FROM ANDREW W. GAASTRA, AS VENDORS TO SAMUEL G. WIERSMA AND REBECCA J,. WIERSMA, HUSBAND AND WIFE, AS VENDEE'S; LAND CONTRACT AS RECORDED APRIL 20, 2020	FEE	0.30	0.84	1.14	-
21	MARK L. SCHWAMB AND ROSALIE E. SCHWAMB, AS TRUSTEES OF MARK L. SCHWAMB AND ROSLIA E. SCHWAMB REVOCABLE TRUST DATED JUNE 29, 2022	FEE, TLE	-	0.34	0.34	0.005
22	LEE B. REDEKER AND AMBER J. REDEKER, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	-	0.09	0.09	0.01
23	HAROLD AND DARLYN DEYOUNG FAMILY TRUST DATED APRIL 19, 2022, SUBJECT TO A LAND CONTRACT TO JOHN A. BANECK AND JILL L. BANECK, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	-	0.39	0.39	0.03
24	DAVID S. CUPERY AND SHELLY K. CUPERY, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	-	0.38	0.38	0.01

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.

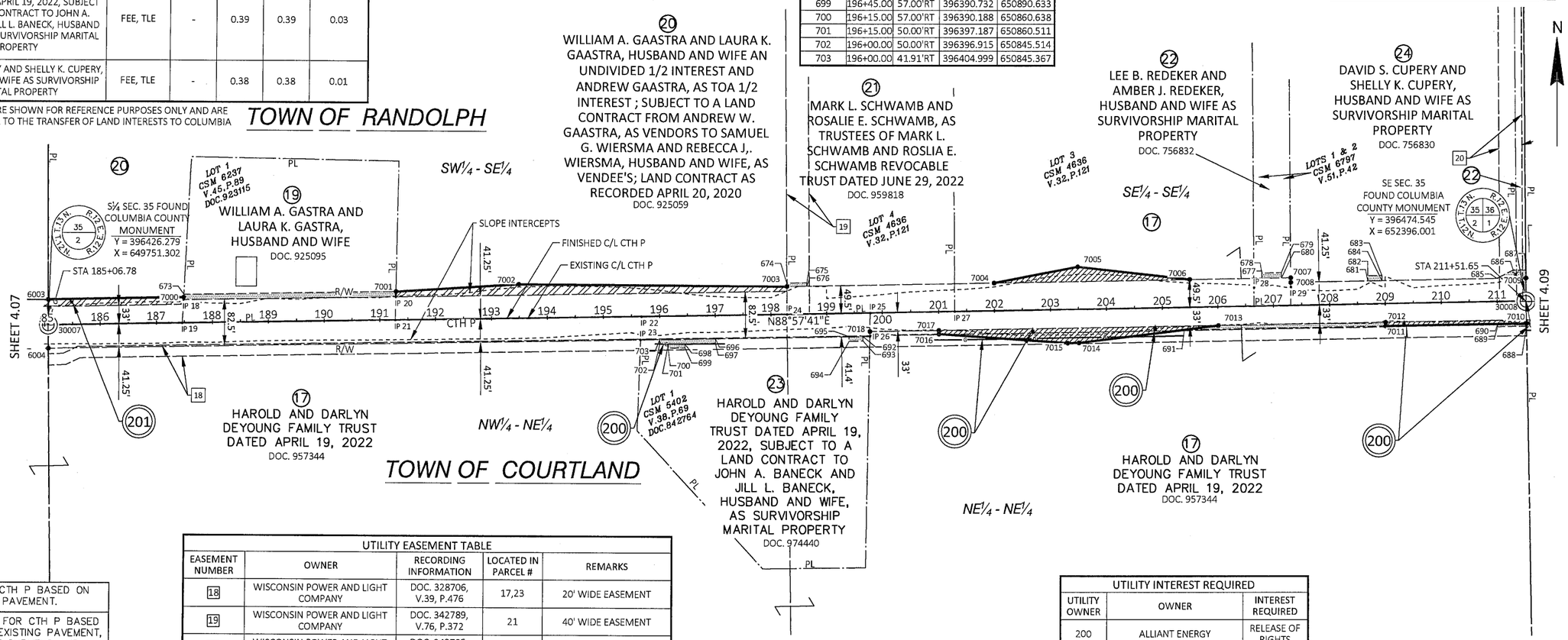
R/W MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
6003	185+06.89	45.00'LT	396472.084	649750.862
6004	185+06.37	42.05'RT	396385.034	649751.920
7000	187+49.48	45.00'LT	396476.481	649993.407
7001	191+29.60	50.00'LT	396488.371	650373.378
7002	193+50.00	60.00'LT	396502.365	650593.561
7003	198+29.40	50.00'LT	396501.057	651073.067
7004	202+00.00	48.90'LT	396506.675	651443.622
7005	203+50.00	75.00'LT	396535.490	651593.125
7006	205+50.00	48.94'LT	396513.061	651793.564
7007	207+31.85	48.96'LT	396516.378	651975.381
7008	207+31.77	40.71'LT	396508.127	651975.449
7009	211+52.05	40.76'LT	396515.795	652395.664
7010	211+51.61	40.00'RT	396435.040	652396.684
7011	209+00.00	40.00'RT	396430.479	652145.119
7012	209+00.00	33.51'RT	396436.964	652145.001
7013	206+00.00	33.54'RT	396431.495	651845.051
7014	203+50.00	60.00'RT	396400.512	651595.572
7015	203+30.00	60.00'RT	396400.149	651575.575
7016	201+00.00	40.00'RT	396415.977	651345.250
7017	201+00.00	33.59'RT	396422.382	651345.134
7018	199+77.64	33.61'RT	396420.151	651222.790

TLE POINTS TABLE				
POINT	STATION	OFFSET	Y	X
673	187+49.80	50.00'LT	396481.486	649993.642
674	198+29.45	55.00'LT	396506.057	651073.023
675	198+65.00	55.00'LT	396506.701	651108.567
676	198+65.00	48.86'LT	396500.563	651108.678
677	206+80.00	48.96'LT	396515.432	651923.542
678	206+80.00	58.00'LT	396524.475	651923.378
679	207+15.00	58.00'LT	396525.109	651958.373
680	207+15.00	48.96'LT	396516.071	651958.537
681	208+70.00	40.73'LT	396510.649	652113.660
682	208+70.00	50.00'LT	396519.920	652113.492
683	208+95.00	50.00'LT	396520.373	652138.488
684	208+95.00	40.73'LT	396511.105	652138.656
685	211+00.00	40.75'LT	396514.846	652343.622
686	211+30.00	55.00'LT	396529.632	652373.359
687	211+52.19	55.00'LT	396530.035	652395.547
688	211+51.60	45.00'RT	396430.041	652396.771
689	211+00.00	45.00'RT	396429.105	652345.177
690	211+00.00	40.00'RT	396434.104	652345.086
691	205+38.99	40.00'RT	396423.935	651784.172
692	199+65.00	41.88'RT	396411.654	651210.306
693	199+65.00	50.00'RT	396403.531	651210.454
694	199+40.00	50.00'RT	396403.078	651185.458
695	199+40.00	41.88'RT	396411.198	651185.311
696	197+00.00	41.90'RT	396406.823	650945.350
697	197+00.00	50.00'RT	396398.728	650945.497
698	196+45.00	50.00'RT	396397.730	650890.506
699	196+45.00	57.00'RT	396390.732	650890.633
700	196+15.00	57.00'RT	396390.188	650860.638
701	196+15.00	50.00'RT	396397.187	650860.511
702	196+00.00	50.00'RT	396396.915	650845.514
703	196+00.00	41.91'RT	396404.999	650845.367

FOUND MONUMENTS TABLE				
POINT	STATION	OFFSET	Y	X
18	187+49.18	40.60'LT	396472.081	649993.191
19	187+46.59	0.61'RT	396430.825	649991.347
20	191+29.27	40.60'LT	396478.971	650373.221
21	191+27.93	0.66'RT	396437.689	650372.624
22	195+67.90	0.64'RT	396445.688	650812.525
23	195+65.71	41.92'RT	396404.374	650811.080
24	198+29.07	0.58'RT	396450.484	651073.655
25	199+78.87	0.52'RT	396453.251	651223.425
26	199+77.35	42.06'RT	396411.698	651222.655
27	201+29.10	0.56'RT	396455.941	651373.629
28	206+65.96	32.59'LT	396498.816	651909.806
29	207+31.97	32.57'LT	396499.994	651975.804
30007	185+06.50	0.81'RT	396426.280	649751.302
30008	211+51.64	0.49'RT	396474.545	652396.001

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

R/W COURSE TABLE		
POINT TO POINT	COURSE BEARING	DISTANCE
30007 TO 6003	N00° 33' 03"W	45.81'
6003 TO 7000	N88° 57' 41"E	242.58'
7000 TO 18	S02° 48' 07"W	4.41'
18 TO 20	N88° 57' 41"E	380.09'
20 TO 7001	N00° 57' 17"E	9.40'
7001 TO 7002	N86° 21' 49"E	220.63'
7002 TO 7003	S89° 43' 14"E	479.66'
7003 TO 7004	N88° 57' 41"E	370.47'
7004 TO 7005	N79° 06' 56"E	152.24'
7005 TO 7006	S83° 37' 21"E	201.69'
7006 TO 7007	N88° 57' 41"E	181.85'
7007 TO 7008	S00° 27' 58"E	8.21'
7008 TO 7009	N88° 57' 40"E	420.28'
7009 TO 30008	S00° 28' 06"E	41.25'
30008 TO 7010	S00° 59' 27"E	39.51'
7010 TO 7011	S88° 57' 41"W	251.61'
7011 TO 7012	N01° 02' 19"W	6.53'
7012 TO 7013	S88° 57' 41"W	299.26'
7013 TO 7014	S82° 55' 14"W	252.14'
7014 TO 7015	S88° 57' 41"W	20.00'
7015 TO 7016	N86° 04' 08"W	230.87'
7016 TO 7017	N01° 02' 19"W	6.53'
7017 TO 7018	S88° 57' 41"W	122.36'
7018 TO 26	S00° 54' 55"W	8.59'
26 TO 6004	S88° 57' 41"W	1470.98'
6004 TO 30007	N00° 51' 29"W	41.25'



UTILITY EASEMENT TABLE				
EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
18	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328706, V.39, P.476	17,23	20' WIDE EASEMENT
19	WISCONSIN POWER AND LIGHT COMPANY	DOC. 342789, V.76, P.372	21	40' WIDE EASEMENT
20	WISCONSIN POWER AND LIGHT COMPANY	DOC. 342785, V.76, P.364	24	42' WIDE EASEMENT

UTILITY INTEREST REQUIRED		
UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS

NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

REVISION DATE
9/2/2025
9/23/2025 N.C.

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P | R/W PROJECT NUMBER 6994-00-02 | PLAT SHEET 4.08

COUNTY: COLUMBIA | CONSTRUCTION PROJECT NUMBER 6994-00-72 | PS&E SHEET E

FILE NAME : R:\Projects\W11697 WisDOT - CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg | PLOT DATE : 9/26/2025 8:44 AM | PLOT BY : Tim Velte | PLOT NAME : | PLOT SCALE : | WISDOT/CADDS SH

SCHEDULE OF LANDS AND INTERESTS

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
25	LARRY J. BAHR AND KRISTINE A. BAHR, AS TRUSTEES OF THE LARRY AND KRISTINE BAHR JOINT REVOCABLE TRUST DATED MARCH 21, 2006	FEE, TLE	0.17	0.98	1.15	0.14
26	DUANE OOSTERHOUSE AND FAYE OOSTERHOUSE, AS TRUSTEES OF THE DUANE & FAYE OOSTERHOUSE REVOCABLE TRUST DATED 2/13/19	FEE, TLE	0.21	1.36	1.57	0.14
27	STEVEN R. JENKINS AND DEBRA J. JENKINS, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.24	0.52	0.76	0.02
28	DANIEL CUPERY, DALE CUPERY, RANDALL CUPERY AND AMY RUNHAAR, HOLDING AS TENANTS IN COMMON, AND A LIFE ESTATE INTEREST OF DUANE CUPERY AND WINNETA CUPERY, HUSBAND AND WIFE	FEE, TLE	0.12	1.07	1.19	0.18
29	JENNIFER JENKINS	FEE, TLE	0.07	0.23	0.30	0.04
30	VILLAGE OF RANDOLPH, A MUNICIPAL CORPORATION	FEE, TLE	-	0.18	0.18	0.02

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.

TLE POINTS TABLE

POINT	STATION	OFFSET	Y	X
687	211+52.19	55.00'LT	396530.035	652395.547
688	211+51.60	45.00'RT	396430.041	652396.771
704	211+60.00	55.00'LT	396530.176	652403.354
705	212+00.00	40.61'LT	396516.519	652443.608
706	214+00.00	40.01'LT	396519.539	652643.586
707	214+00.00	45.00'LT	396524.529	652643.496
708	222+00.00	45.00'LT	396539.030	653443.364
709	222+00.00	39.59'LT	396533.620	653443.462
710	223+25.22	45.04'LT	396541.345	653568.567
711	223+25.00	60.00'LT	396556.294	653568.072
712	223+75.00	59.38'LT	396556.577	653618.075
713	223+75.00	55.00'LT	396552.201	653618.154
714	224+50.00	55.00'LT	396553.561	653693.142
715	224+50.00	48.18'LT	396546.741	653693.266
716	229+54.16	41.66'LT	396546.701	654198.039
717	229+75.00	50.00'LT	396555.141	654218.835
718	231+75.00	50.00'LT	396556.149	654418.832
719	231+98.97	40.41'LT	396546.681	654442.851
720	234+50.00	45.00'LT	396554.244	654693.384
721	235+00.00	55.00'LT	396564.998	654743.227
722	236+00.00	55.00'LT	396566.508	654843.216
723	236+00.00	38.00'LT	396549.510	654843.473
724	236+85.00	38.00'LT	396550.793	654928.463
725	236+85.00	33.00'LT	396545.794	654928.538
726	238+36.83	45.00'RT	396470.264	655081.847
727	237+50.00	55.00'RT	396458.785	654994.860
728	235+85.00	38.00'RT	396473.292	654829.622
729	234+50.00	38.00'RT	396471.253	654694.637
730	234+00.00	48.00'RT	396460.499	654644.794
731	233+00.00	53.00'RT	396453.990	654544.881
732	232+50.00	33.30'RT	396473.228	654494.251
733	231+00.00	34.81'RT	396470.963	654344.261
734	230+75.00	50.00'RT	396455.646	654319.338
735	230+25.00	50.00'RT	396455.394	654269.338
736	229+50.00	36.32'RT	396468.698	654194.270
737	223+44.23	45.00'RT	396451.660	653589.203
738	212+15.00	45.00'RT	396431.190	652460.158
739	212+15.00	55.00'RT	396421.191	652460.339
740	211+85.00	55.00'RT	396420.648	652430.344
741	211+85.00	45.00'RT	396430.646	652430.163

R/W MONUMENTS TABLE

POINT	STATION	OFFSET	Y	X
7009	211+52.05	40.76'LT	396515.795	652395.664
7010	211+51.61	40.00'RT	396435.040	652396.684
8000	219+19.73	38.44'LT	396527.386	653163.256
8001	223+00.00	40.00'LT	396535.844	653543.439
8002	223+50.00	50.00'LT	396546.749	653593.249
8003	232+79.43	40.00'LT	396546.675	654523.307
8004	234+50.00	40.00'LT	396549.244	654693.460
8005	235+00.00	50.00'LT	396559.998	654743.303
8006	235+82.56	50.00'LT	396561.245	654825.857
8007	238+14.70	33.00'LT	396547.751	655057.989
8008	238+14.70	40.00'RT	396474.752	655058.796
8009	236+15.00	40.00'RT	396471.745	654859.649
8010	236+15.00	55.00'RT	396456.747	654859.875
8011	235+85.00	55.00'RT	396456.294	654829.879
8012	235+85.00	33.00'RT	396478.291	654829.546
8013	225+72.36	37.79'RT	396463.003	653817.168
8014	224+87.01	122.53'RT	396376.728	653733.359
8015	224+86.59	220.52'RT	396278.746	653734.721
8016	224+20.59	220.24'RT	396277.828	653668.728
8017	224+21.01	122.33'RT	396375.731	653667.367
8018	223+39.27	40.00'RT	396456.569	653584.150

FOUND MONUMENTS TABLE

POINT	STATION	OFFSET	Y	X
30	235+82.43	33.00'LT	396544.245	654825.981
31	235+82.21	0.01'LT	396511.256	654826.255
30008	211+51.64	0.49'RT	396474.545	652396.001
30009	238+14.17	0.00'RT	396514.748	655058.194

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

R/W COURSE TABLE

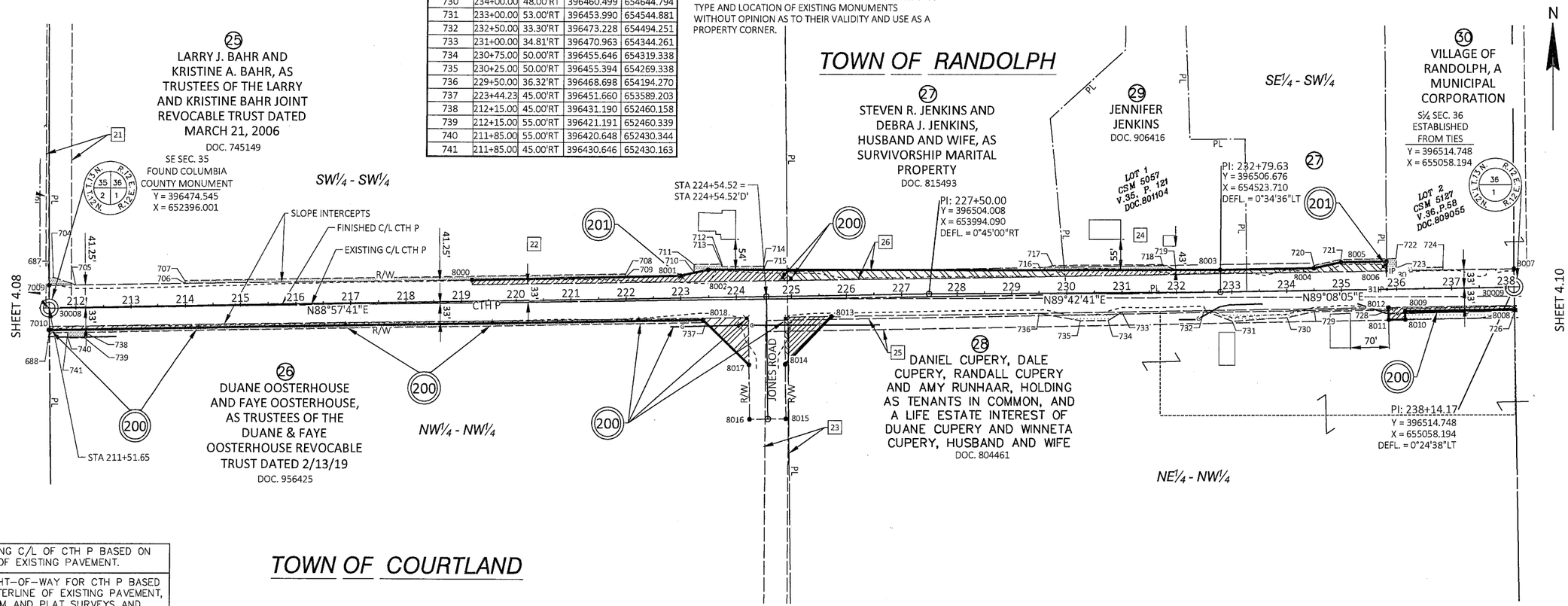
POINT TO POINT	COURSE BEARING	DISTANCE
30008 TO 7009	N00° 28' 06"W	41.25'
7009 TO 8000	N89° 08' 05"E	767.68'
8000 TO 8001	N88° 43' 32"E	380.28'
8001 TO 8002	N77° 39' 05"E	50.99'
8002 TO 8003	S89° 59' 44"E	930.06'
8003 TO 8004	N89° 08' 05"E	170.17'
8004 TO 8005	N77° 49' 30"E	50.99'
8005 TO 8006	N89° 08' 05"E	82.56'
8006 TO 30	S00° 25' 05"E	17.00'
30 TO 8007	N89° 08' 03"E	232.03'
8007 TO 30009	S00° 21' 21"E	33.00'
30009 TO 8008	S00° 51' 45"E	40.00'
8008 TO 8009	S89° 08' 05"W	199.17'
8009 TO 8010	S00° 51' 55"E	15.00'
8010 TO 8011	S89° 08' 05"W	30.00'
8011 TO 8012	N00° 51' 55"W	22.00'
8012 TO 8013	S89° 08' 05"W	1012.49'
8013 TO 8014	S44° 10' 09"W	120.28'
8014 TO 8015	S00° 47' 47"E	97.99'
8015 TO 8016	S89° 12' 13"W	66.00'
8016 TO 8017	N00° 47' 47"W	97.91'
8017 TO 8018	N45° 49' 51"W	116.02'
8018 TO 7010	S88° 57' 41"W	1187.66'
7010 TO 30008	N00° 59' 27"W	39.51'

UTILITY EASEMENT TABLE

EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
21	WISCONSIN POWER AND LIGHT COMPANY	DOC.342782, V.76, P.358	25	46' WIDE EASEMENT
22	WISCONSIN POWER AND LIGHT COMPANY	DOC.192799	25	BLANKET EASEMENT
23	WISCONSIN POWER AND LIGHT COMPANY	DOC. 342786, V.76, P.366	28	42' WIDE EASEMENT
24	WISCONSIN POWER AND LIGHT COMPANY	DOC. 192801, V.171, P.60	27,29,30	BLANKET EASEMENT
25	WISCONSIN POWER AND LIGHT COMPANY	DOC.328701, V.39, P.466	28	20' WIDE EASEMENT
26	PEOPLES TELEPHONE COMPANY	DOC. 403794, V.208, P.789	27,29	1 ROD EASEMENT

UTILITY INTEREST REQUIRED

UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS
201	BRIGHTSPEED	RELEASE OF RIGHTS



NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

REVISION DATE			
9/2/2025			
9/23/2025 N.C.			

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P

COUNTY: COLUMBIA

R/W PROJECT NUMBER 6994-00-02

CONSTRUCTION PROJECT NUMBER 6994-00-72

PLAT SHEET 4.09

PS&E SHEET

E

FILE NAME : R:\Projects\W11697 WisDOT - CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg

PLOT DATE : 9/26/2025 8:44 AM PLOT BY : Tim Velte PLOT NAME : PLOT SCALE :

WISDOT/CADDS SHT

SCHEDULE OF LANDS AND INTERESTS

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
28	DANIEL CUPERY, DALE CUPERY, RANDALL CUPERY AND AMY RUNHAAR, HOLDING AS TENANTS IN COMMON	FEE, TLE	0.04	0.19	0.23	0.03
30	VILLAGE OF RANDOLPH, A MUNICIPAL CORPORATION	FEE	-	0.28	0.28	-
31	ANNUNCIATION CONGREGATION	FEE, TLE	-	0.11	0.11	0.02
32	HIGHLAND FARMS LLC	FEE	0.33	0.58	0.91	-
33	PHILIP L. KAROW AND JOAN K. KAROW, HUSBAND AND WIFE, HOLDING AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.02	0.10	0.12	0.03
34	RYAN FREY AND NICOLE FREY, HUSBAND AND WIFE	FEE, TLE	0.05	0.23	0.28	0.04
35	NICOLE L. ALBRECHT, A MARRIED PERSON	FEE, TLE	0.07	-	0.07	0.03
36	DENNIS KASCHUB AND MARY KASCHUB, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.11	-	0.11	0.03
37	BRIAN BRAAKSMA AND JANICE M. BRAAKSMA, HUSBAND AND WIFE , AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.24	0.50	0.74	0.06
38	MICHAEL FRIEDRICH AND DELORES FRIEDRICH, HUSBAND AND WIFE AS JOINT TENANTS	FEE, TLE	0.003	-	0.003	0.04
39	LISA M. PICKHARDT, DEBRA K. CUPERY, PAMELA J. OTTE, PEGGY J. POST AND DONALD J. BOOMSMA, HOLDING AS TENANTS IN COMMON, AND A LIFE ESTATE INTEREST OF JAMES M. BOOMSMA AND JUSTINE N. BOOMSMA, HUSBAND AND WIFE	TLE	-	-	-	0.05
40	RICHARD A. MARQUARDT, A SINGLE PERSON	FEE, TLE	0.03	-	0.03	0.01
41	KIMBERLEY L. KIRKENDALL, AND PAUL C. KIRKENDALL, WIFE AND HUSBAND, AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.03	-	0.03	0.01
42	HEATH A. HARVEY AND CHIANNA S. HARVEY, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.02	-	0.02	0.01
43	JASON W. KOK AND JAMIE L. KOK, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.02	-	0.02	0.01
44	JUSTIN HENGST, A SINGLE PERSON	FEE, TLE	0.05	-	0.05	0.03
45	GARY L. GOVE AND TAMMY S. GOVE, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.02	-	0.02	0.06
46	ALICIA KOESTER AND RAYMOND KOESTER, MARRIED TO EACH OTHER	TLE	-	-	-	0.05
47	JOHN M. CASEY (VENDOR), AND JEFFERY LEE (VENDEE)	FEE,TLE	44 SQ.FT.	-	44 SQ.FT.	0.02
48	DEREK P. JESKO AND MICHELLE E. JESKO, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	FEE, TLE	0.02	-	0.02	0.01
50	KENNETH P. IRELAND AND JUDITH A. IRELAND, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY	TLE	-	-	-	0.02

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO COLUMBIA COUNTY.

R/W MONUMENTS TABLE

POINT	STATION	OFFSET	Y	X
8007	238+14.70	33.00'LT	396547.751	655057.989
8008	238+14.70	40.00'RT	396474.752	655058.796
9000	243+56.72	50.00'LT	396576.816	655599.494
9001	249+97.91	50.00'LT	396591.092	656240.525
9002	251+31.28	65.00'LT	396609.058	656373.528
9003	257+89.72	29.16'LT	396590.158	657032.515
9004	258+39.72	30.00'LT	396592.777	657082.484
9005	260+88.94	30.00'LT	396598.347	657331.894
9006	260+89.14	80.03'LT	396648.377	657331.385
9007	261+54.86	79.77'LT	396649.046	657397.107
9008	261+54.71	29.50'LT	396598.774	657397.669
9009	264+07.00	31.42'LT	396604.26	657649.909
9011	264+40.78	81.83'LT	396655.145	657682.965
9012	264+79.83	81.50'LT	396655.568	657722.149
9013	264+79.42	57.78'RT	396516.288	657723.575
9014	264+47.93	43.44'RT	396529.983	657691.891
9015	264+43.74	43.42'RT	396529.945	657687.698
9016	258+37.92	184.94'RT	396377.853	657085.521
9018	261+49.82	36.54'RT	396532.672	657393.713
9019	261+49.49	121.40'RT	396447.815	657394.576
9020	260+89.49	121.24'RT	396447.125	657334.580
9021	260+89.82	37.00'RT	396531.364	657333.724
9022	258+45.77	36.88'RT	396526.050	657090.042
9023	258+43.90	184.94'RT	396377.986	657091.504
9024	257+77.90	184.92'RT	396376.517	657025.515
9025	257+79.66	45.00'RT	396516.445	657024.134
9026	251+59.49	45.00'RT	396499.713	656404.177
9027	251+29.53	45.00'RT	396499.046	656374.232
9028	250+65.00	55.00'RT	396487.612	656309.937
9029	250+35.00	55.00'RT	396486.944	656279.944
9030	250+35.00	50.00'RT	396491.942	656279.833
9031	246+00.00	45.00'RT	396487.256	655844.829
9032	245+50.00	40.00'RT	396491.141	655794.730
9033	254+13.13	62.55'LT	396613.202	656654.792
9034	254+53.31	41.01'LT	396592.932	656695.631
9035	255+63.66	30.51'LT	396585.877	656806.249
9036	364+42.47	34.30'RT	396539.053	657686.296

TLE POINTS TABLE

POINT	STATION	OFFSET	Y	X
726	238+36.83	45.00'RT	396470.264	655081.847
742	242+10.58	38.00'LT	396561.565	655453.657
743	243+56.59	38.00'LT	396564.816	655599.630
744	255+61.37	65.00'LT	396620.282	656802.887
745	255+93.44	65.00'LT	396621.283	656834.942
746	255+95.75	30.20'LT	396586.576	656838.333
747	264+38.69	43.40'RT	396529.898	657682.646
748	258+39.82	40.00'LT	396602.777	657082.362
749	259+05.00	40.00'LT	396604.243	657147.525
750	259+05.00	45.00'LT	396609.242	657147.413
751	259+50.00	45.00'LT	396610.254	657192.401
752	259+50.00	40.00'LT	396605.255	657192.514
753	259+77.50	40.00'LT	396605.874	657220.007
754	259+77.50	50.00'LT	396615.871	657219.782
755	260+12.50	50.00'LT	396616.658	657254.773
756	260+12.50	40.00'LT	396606.661	657254.998
757	260+88.95	40.00'LT	396608.346	657331.760
758	261+60.46	79.75'LT	396649.103	657402.703
759	261+60.31	40.00'LT	396609.354	657403.113
760	261+77.00	40.00'LT	396609.590	657419.805
761	261+77.00	52.00'LT	396621.589	657419.636
762	262+12.00	52.00'LT	396622.083	657454.632
763	262+12.00	40.00'LT	396610.084	657454.802
764	264+12.46	40.00'LT	396612.916	657655.243
765	264+38.21	40.00'RT	396533.288	657682.124
766	261+66.28	40.00'RT	396529.447	657410.217
767	261+66.07	121.45'RT	396448.006	657411.154
768	260+75.05	121.14'RT	396446.971	657321.160
769	260+75.94	40.00'RT	396528.108	657320.226
770	258+50.73	40.00'RT	396523.042	657095.072
771	258+48.67	203.64'RT	396359.395	657096.688
772	258+37.62	203.50'RT	396359.286	657085.637
773	257+72.90	184.92'RT	396376.405	657020.516
774	257+74.02	87.10'RT	396474.231	657019.440
775	257+67.60	50.00'RT	396511.175	657012.185
776	251+59.43	50.00'RT	396494.713	656404.228
777	251+29.48	50.00'RT	396494.046	656374.292
778	248+00.00	55.00'RT	396481.711	656045.002
779	248+00.00	50.00'RT	396486.710	656044.891
780	246+00.00	50.00'RT	396482.257	655844.941
781	245+50.00	45.00'RT	396486.142	655794.842
782	245+00.00	45.00'RT	396485.029	655744.854
783	245+00.00	40.00'RT	396490.028	655744.743
784	244+85.00	40.00'RT	396489.694	655729.746
785	244+85.00	55.00'RT	396474.698	655730.080
786	244+55.00	55.00'RT	396474.030	655700.088
787	244+55.00	40.00'RT	396489.026	655699.754
788	243+50.00	40.00'RT	396486.688	655594.780
789	243+50.00	50.00'RT	396476.691	655595.002
790	241+00.00	50.00'RT	396471.124	655345.064
791	241+00.00	45.00'RT	396476.123	655344.953

R/W COURSE TABLE

POINT TO POINT	COURSE BEARING	DISTANCE
30009 TO 8007	N00° 21' 21"W	33.00'
8007 TO 34	N88° 45' 03"E	541.85'
34 TO 9000	N00° 42' 26"W	17.25'
9000 TO 9001	N88° 43' 27"E	641.19'
9001 TO 9002	N82° 18' 26"E	134.21'
9002 TO 9033	N89° 09' 21"E	281.29'
9033 TO 9034	S63° 36' 12"E	45.59'
9034 TO 9035	S86° 21' 01"E	110.84'
9035 TO 9003	N88° 45' 03"E	226.32'
9003 TO 9004	N87° 44' 49"E	50.01'
9004 TO 9005	N88° 43' 14"E	249.47'
9005 TO 9006	N00° 34' 58"W	50.03'
9006 TO 9007	N89° 25' 02"E	65.73'
9007 TO 9008	S00° 38' 27"E	50.27'
9008 TO 9009	N88° 45' 15"E	252.30'
9009 TO 9011	N33° 00' 33"E	60.68'
9011 TO 9012	N89° 15' 27"E	39.10'
9012 TO 30010	S00° 34' 59"E	81.56'
30010 TO 9013	S00° 40' 26"E	57.81'
9013 TO 9014	N66° 37' 24"W	34.52'
9014 TO 9015	S89° 28' 14"W	4.19'
9015 TO 9036	N08° 44' 53"W	9.22'
9036 TO 9018	S88° 45' 03"W	292.65'
9018 TO 9019	S00° 34' 58"E	84.86'
9019 TO 9020	S89° 20' 29"W	60.00'
9020 TO 9021	N00° 34' 58"W	84.24'
9021 TO 9022	S88° 45' 03"W	243.74'
9022 TO 9023	S00° 33' 56"E	148.07'
9023 TO 9024	S88° 43' 27"W	66.01'
9024 TO 9025	N00° 33' 56"W	139.94'
9025 TO 9026	S88° 27' 14"W	620.18'
9026 TO 9027	S88° 43' 27"W	29.95'
9027 TO 9028	S79° 54' 57"W	65.30'
9028 TO 9029	S88° 43' 27"W	30.00'
9029 TO 9030	N01° 16' 33"W	5.00'
9030 TO 9031	S89° 22' 58"W	435.03'
9031 TO 9032	N85° 33' 55"W	50.25'
9032 TO 8008	S88° 43' 27"W	736.12'
8008 TO 30009	N00° 51' 45"W	40.00'

UTILITY EASEMENT TABLE

EASEMENT NUMBER	OWNER	RECORDING INFORMATION	LOCATED IN PARCEL #	REMARKS
27	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328699, V.39, P.461	37	20' WIDE EASEMENT
28	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328707, V.39, P.478	50	20' WIDE EASEMENT
29	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328704, V.39, P.471	36	20' WIDE EASEMENT
30	WISCONSIN POWER AND LIGHT COMPANY	DOC. 948934	48	10' WIDE EASEMENT
31	WISCONSIN POWER AND LIGHT COMPANY	DOC. 328836, V.40, P.86	28,33,34,35, 36	20' WIDE EASEMENT

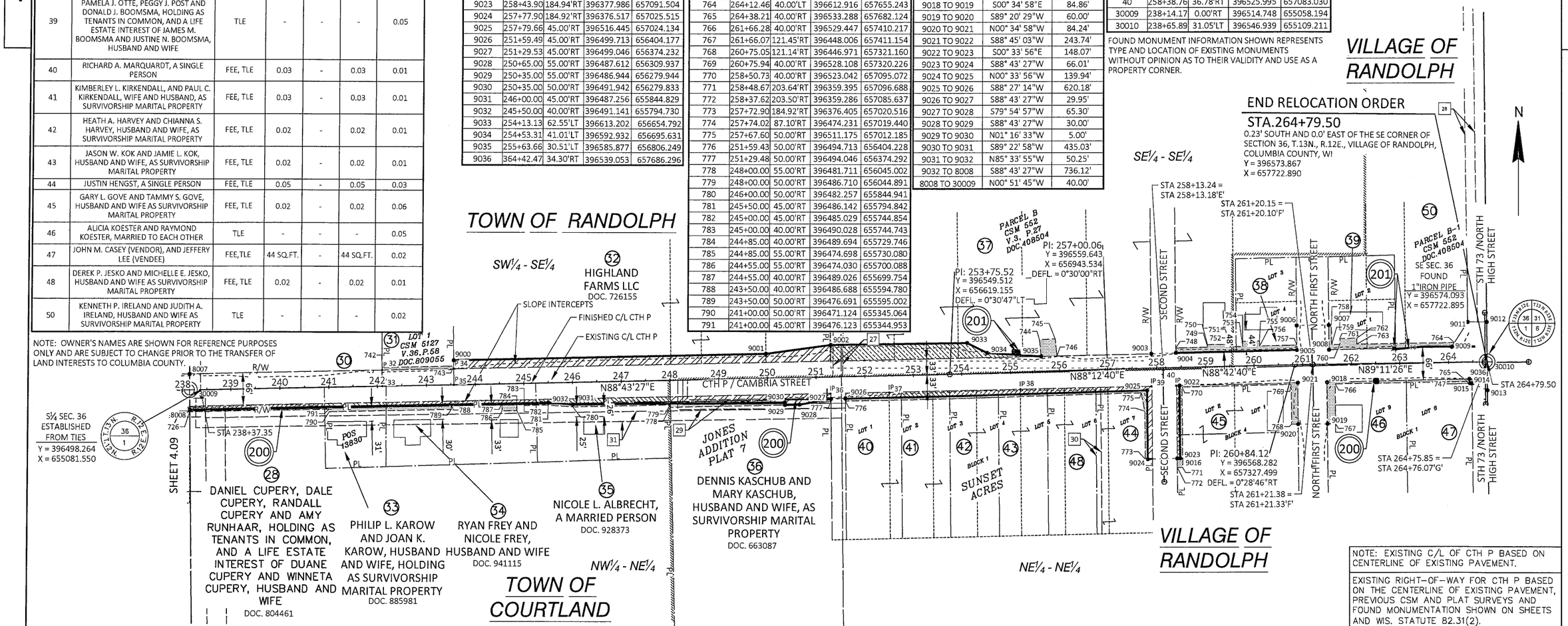
FOUND MONUMENTS TABLE

POINT	STATION	OFFSET	Y	X
32	242+10.54	32.82'LT	396556.381	655453.733
33	242+10.21	0.10'LT	396523.665	655454.135
34	243+56.55	32.75'LT	396559.565	655599.707
35	243+56.16	0.07'LT	396526.885	655600.043
36	251+28.89	34.00'RT	396510.029	656373.341
37	252+49.60	34.40'RT	396512.319	656494.028
38	255+19.34	35.08'RT	396518.939	656764.000
39	257+88.84	36.82'RT	396524.832	657033.120
40	258+38.76	36.78'RT	396525.995	657083.030
30009	238+14.17	0.00'RT	396514.748	655058.194
30010	238+65.89	31.05'LT	396546.939	655109.211

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

UTILITY INTEREST REQUIRED

UTILITY OWNER	OWNER	INTEREST REQUIRED
200	ALLIANT ENERGY	RELEASE OF RIGHTS
201	BRIGHTSPEED	RELEASE OF RIGHTS



NOTE: EXISTING C/L OF CTH P BASED ON CENTERLINE OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH P BASED ON THE CENTERLINE OF EXISTING PAVEMENT, PREVIOUS CSM AND PLAT SURVEYS AND FOUND MONUMENTATION SHOWN ON SHEETS AND WIS. STATUTE 82.31(2).

REVISION DATE			
9/2/2025			
9/23/2025 N.C.			

DATE 7/31/2025

SCALE, FEET 0 100 200

HWY: CTH P

COUNTY: COLUMBIA

R/W PROJECT NUMBER 6994-00-02

CONSTRUCTION PROJECT NUMBER 6994-00-72

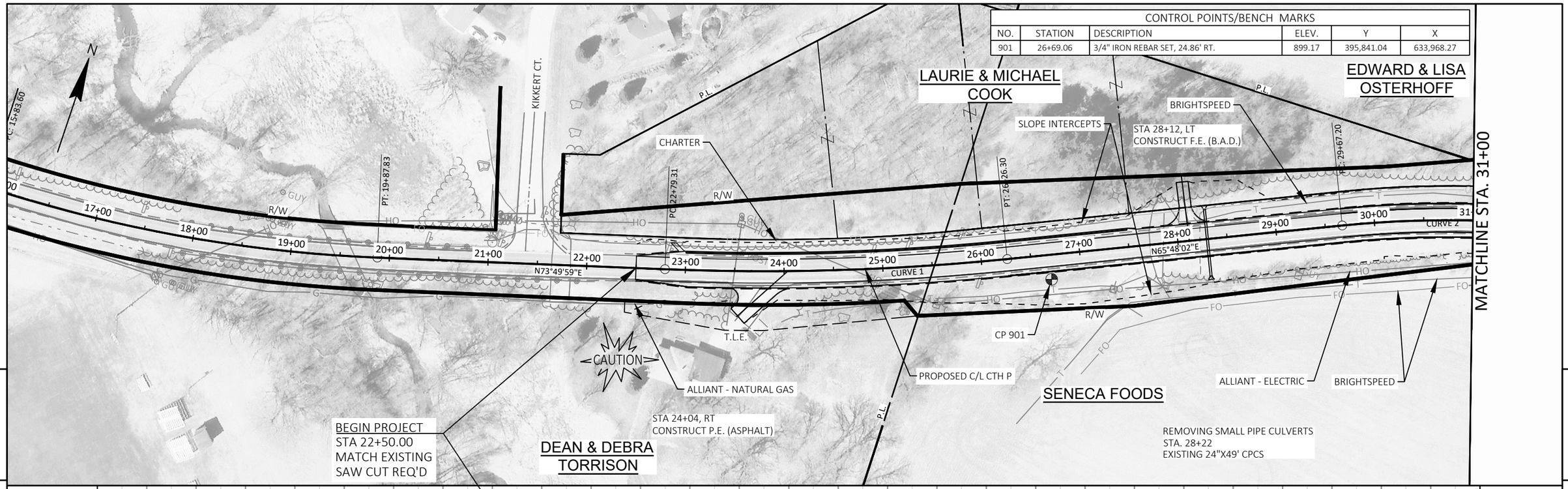
PLAT SHEET 4.10

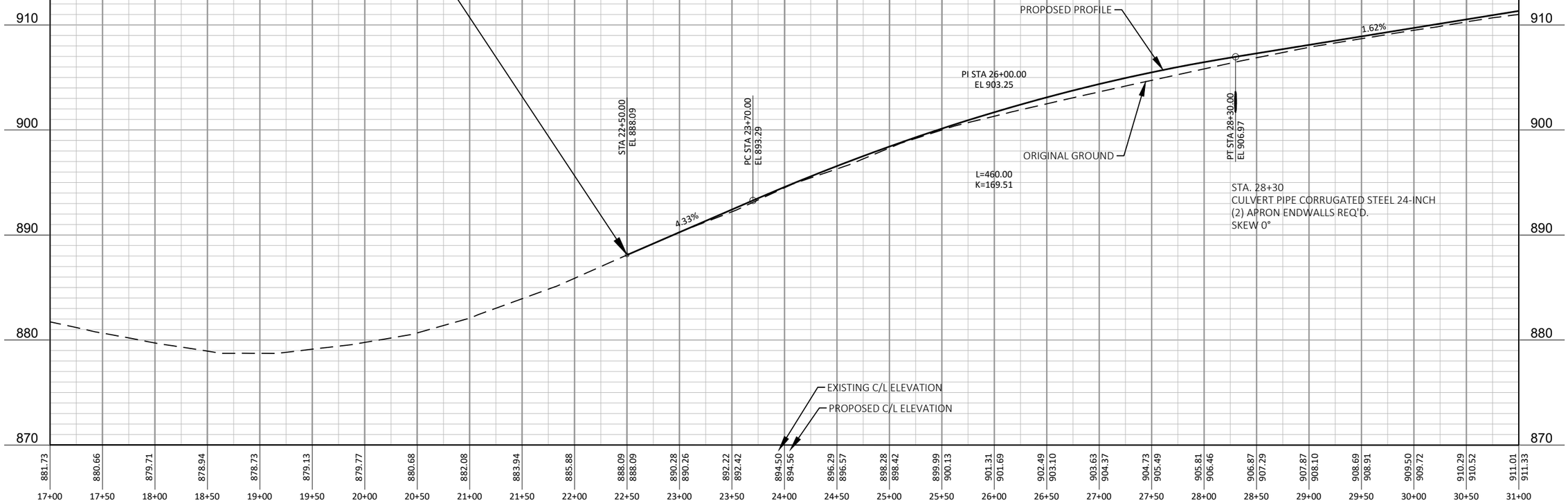
PS&E SHEET E

FILE NAME : R:\Projects\W11697 WisDOT – CTH P Reconstruction, Columbia Co\RW\DWG\W11697_CTH P_PLAT.dwg PLOT DATE : 9/26/2025 8:44 AM PLOT BY : Tim Velte PLOT NAME : PLOT SCALE :

WISDOT/CADDS SHEET 99

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
901	26+69.06	3/4" IRON REBAR SET, 24.86' RT.	899.17	395,841.04	633,968.27

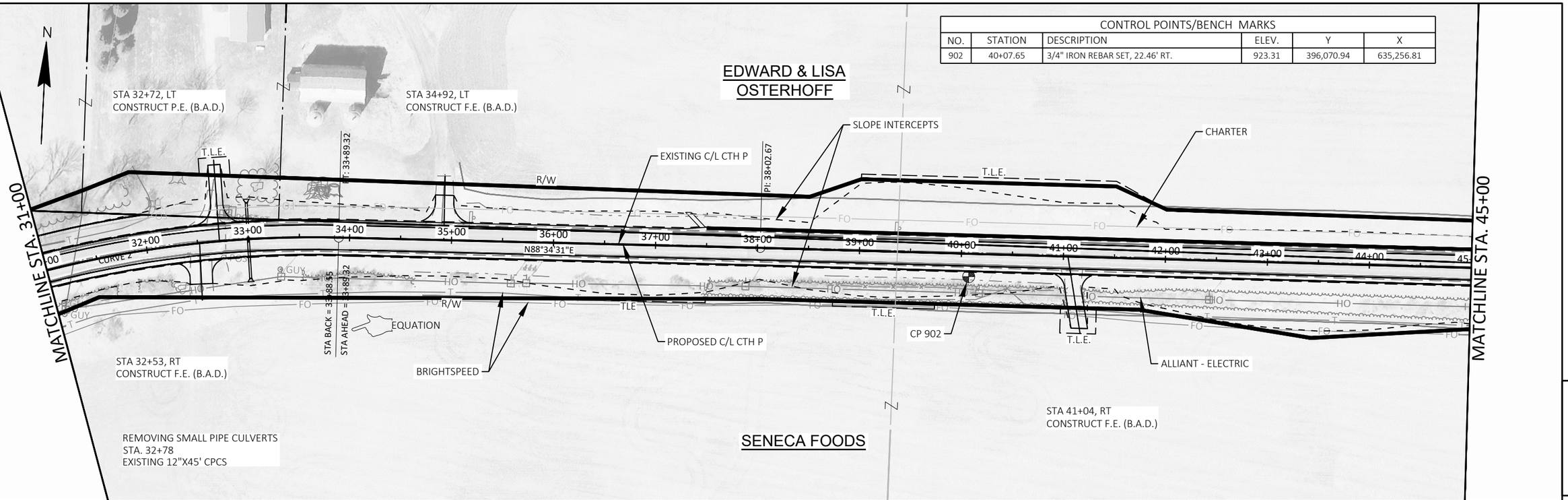


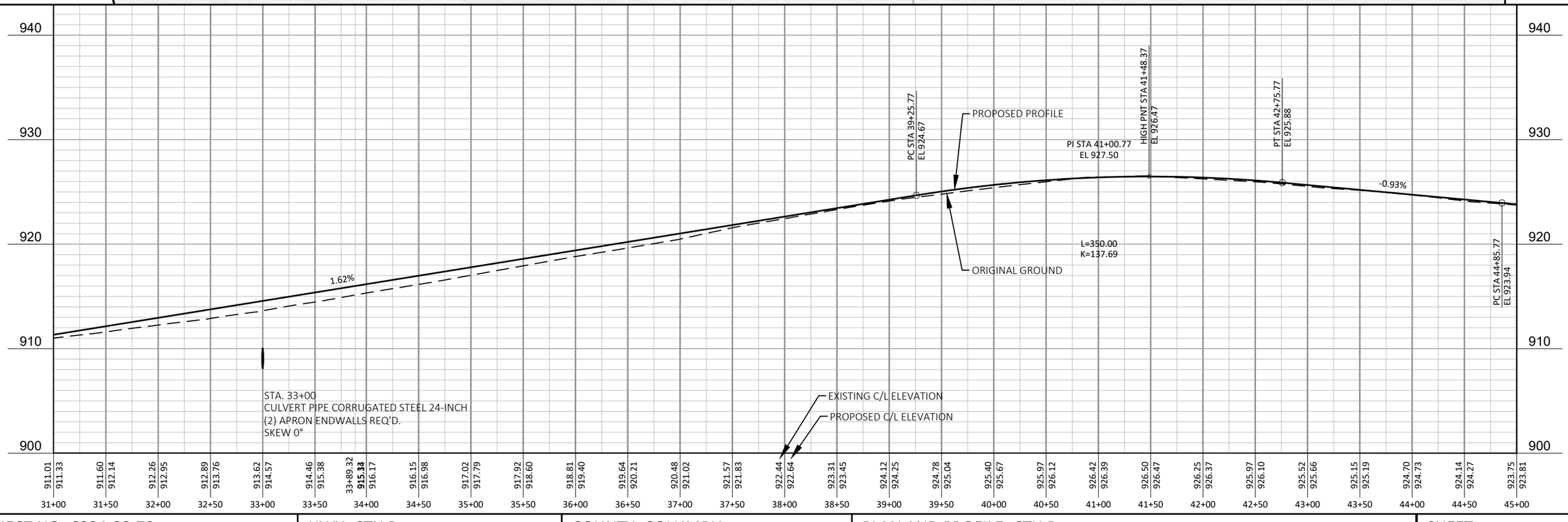


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 100	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG PLOT DATE : 4/23/2026 11:23:41 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1IN:100 FT LAYOUT : 01

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
902	40+07.65	3/4" IRON REBAR SET, 22.46' RT.	923.31	396,070.94	635,256.81

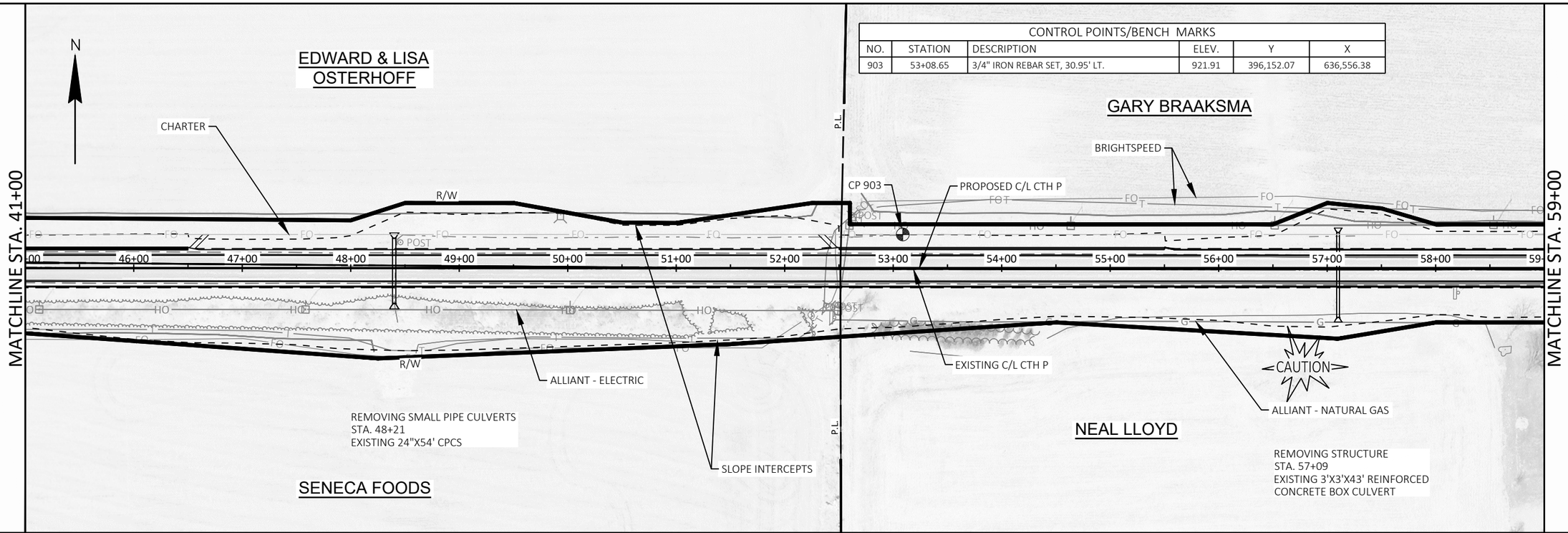


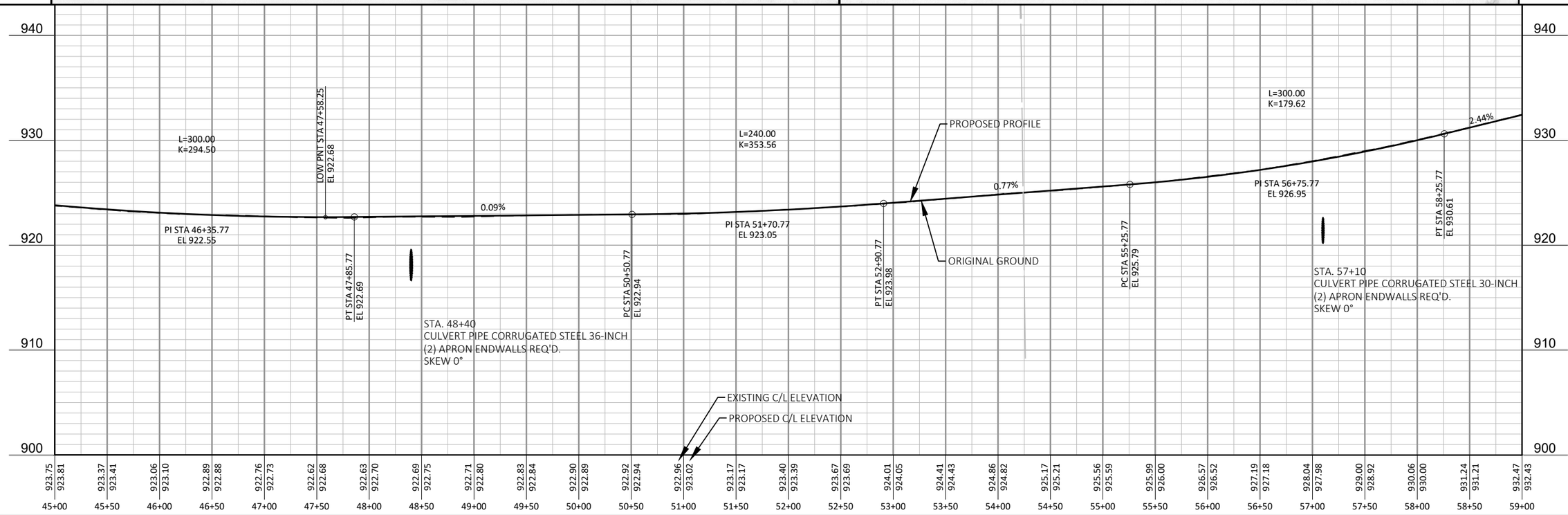


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 101	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG
PLOT DATE : 4/23/2026 11:23:45 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1IN:100 FT
LAYOUT : 02

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
903	53+08.65	3/4" IRON REBAR SET, 30.95' LT.	921.91	396,152.07	636,556.38

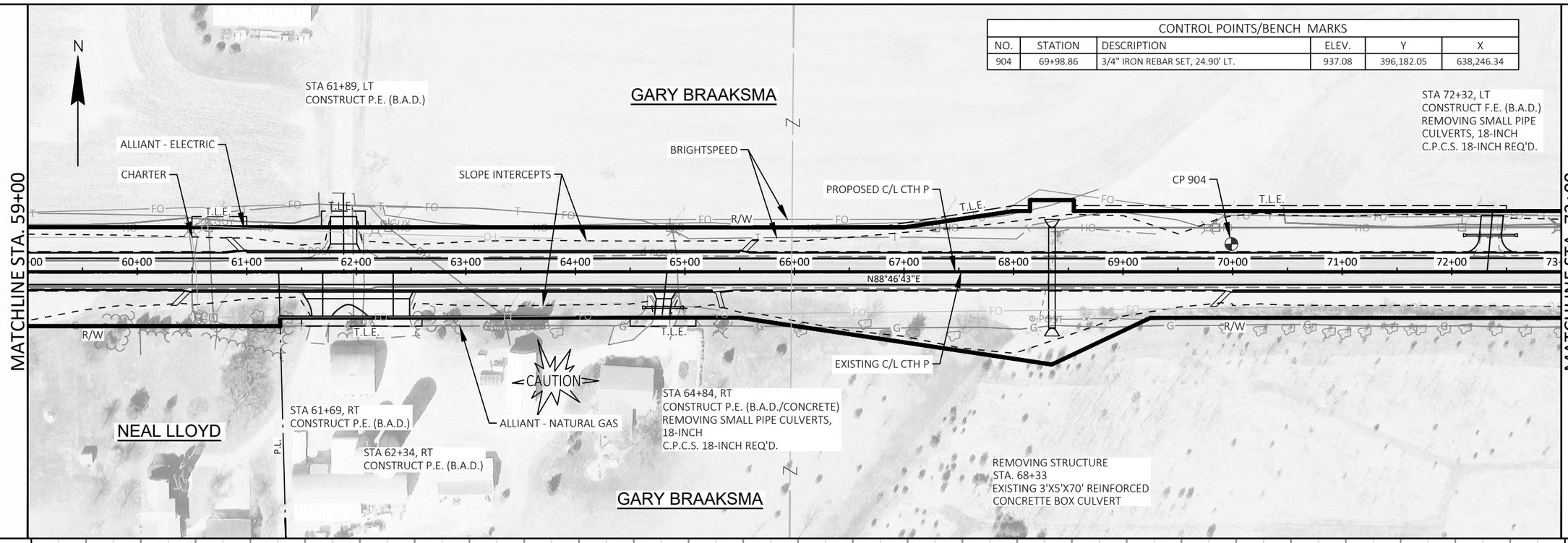


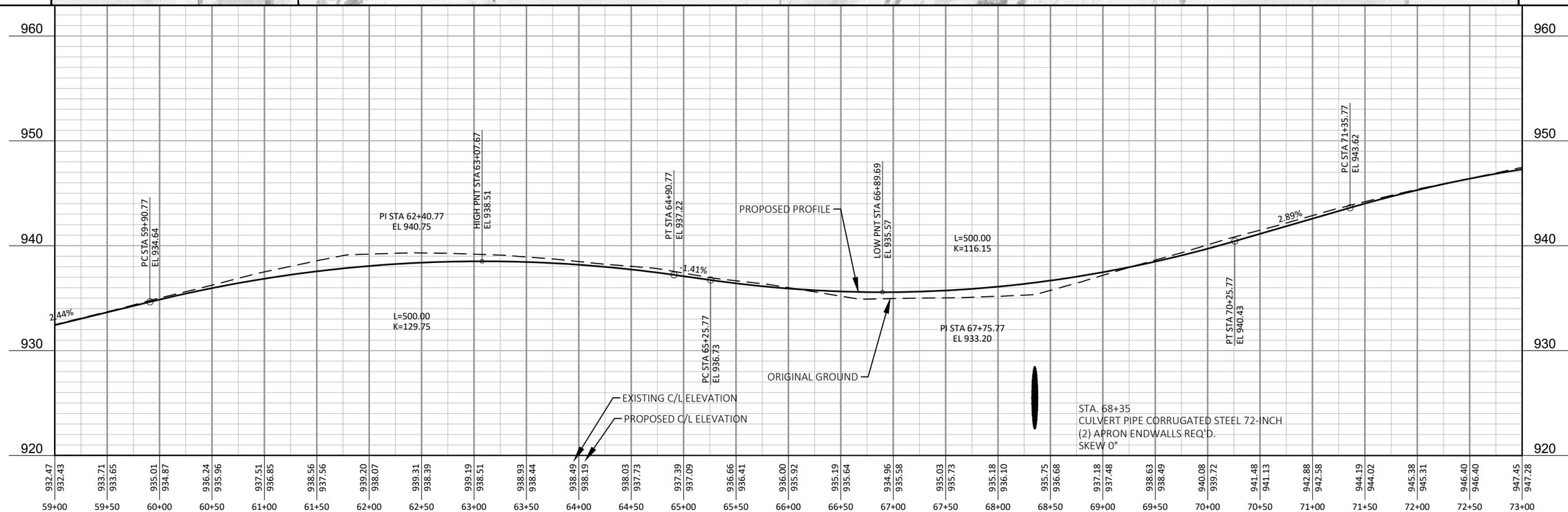


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 102	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG
PLOT DATE : 4/23/2026 11:23:49 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1IN:100 FT
LAYOUT : 03

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
904	69+98.86	3/4" IRON REBAR SET, 24.90' LT.	937.08	396,182.05	638,246.34

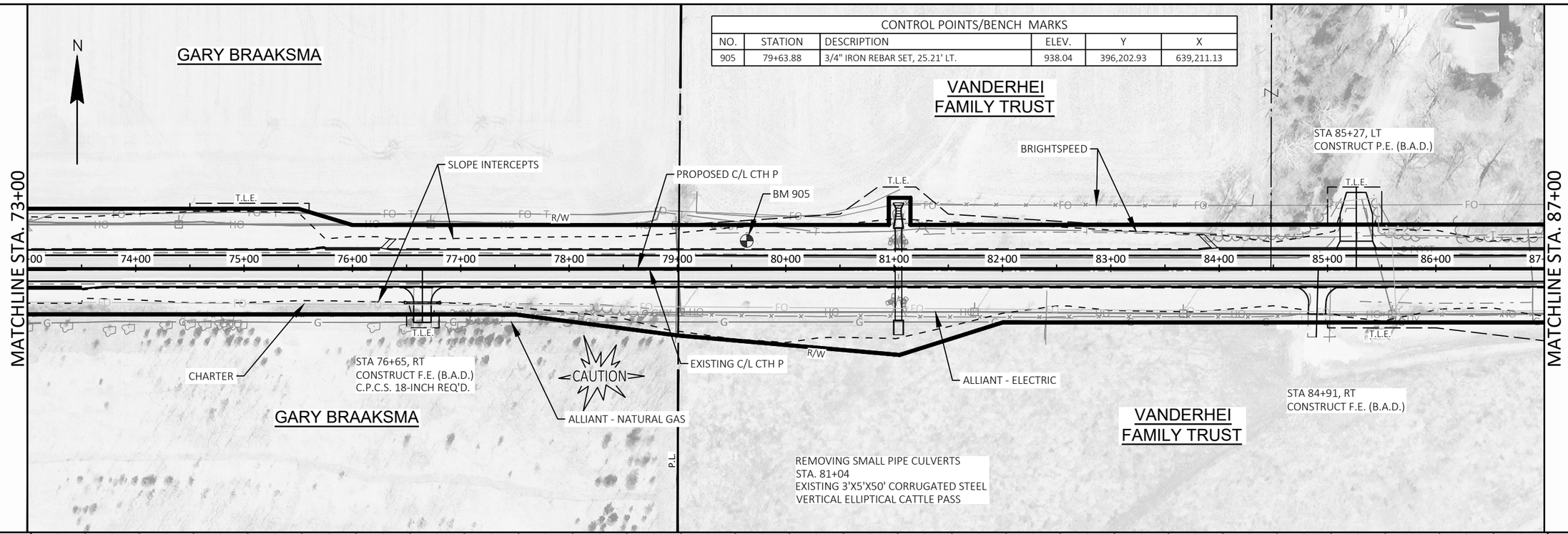


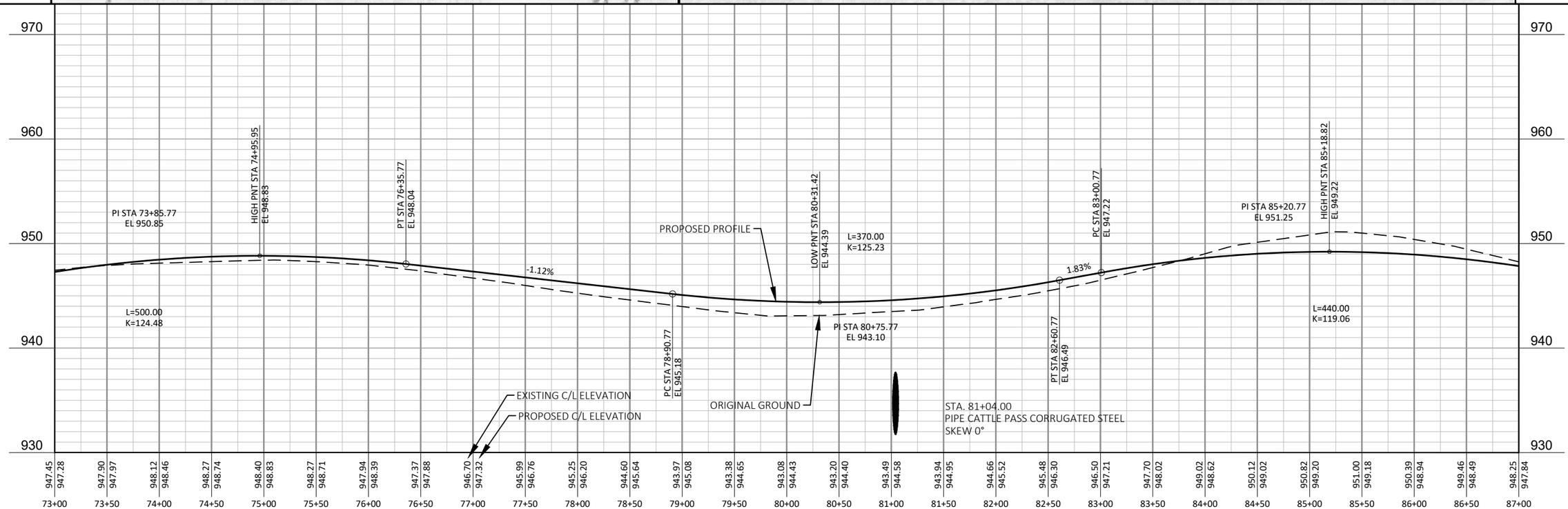


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET	103	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG
PLOT DATE : 4/23/2026 11:23:54 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1IN:100 FT
LAYOUT : 04

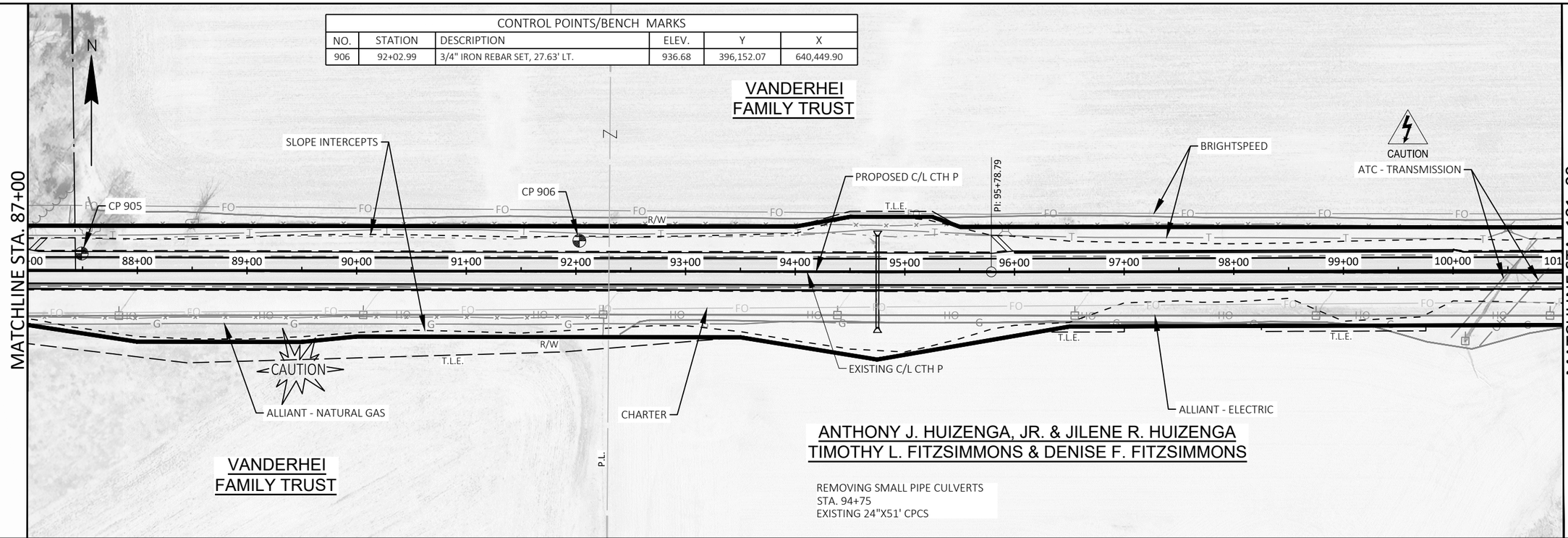
CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
905	79+63.88	3/4" IRON REBAR SET, 25.21' LT.	938.04	396,202.93	639,211.13

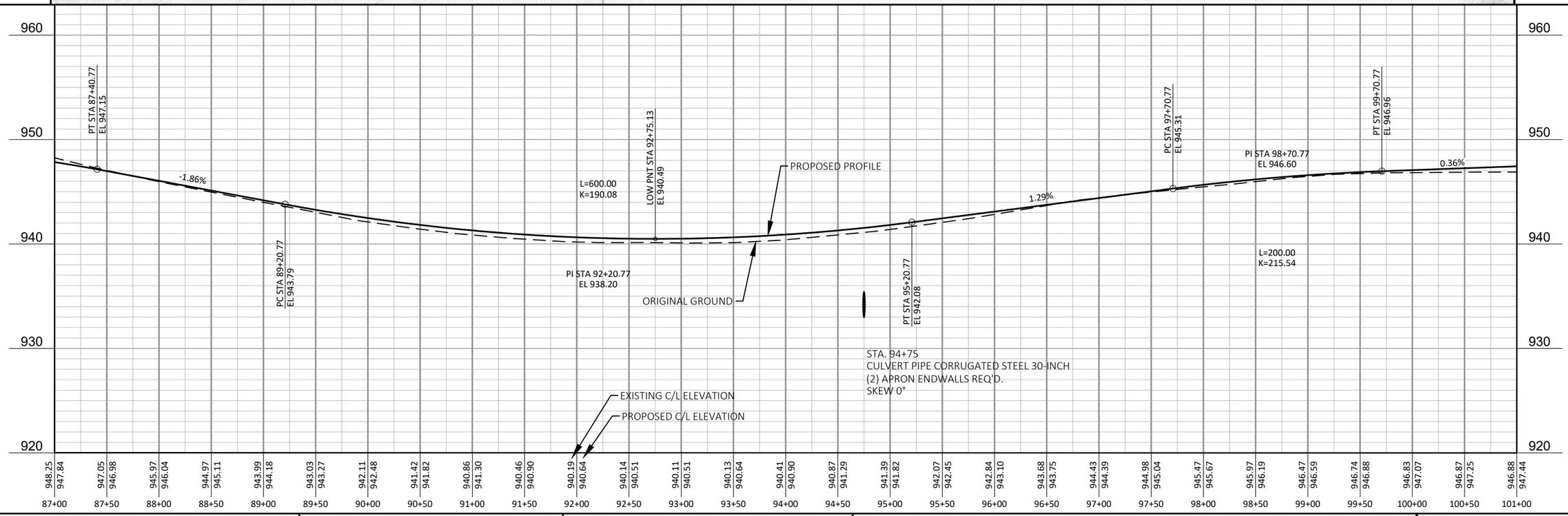




PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 104	E

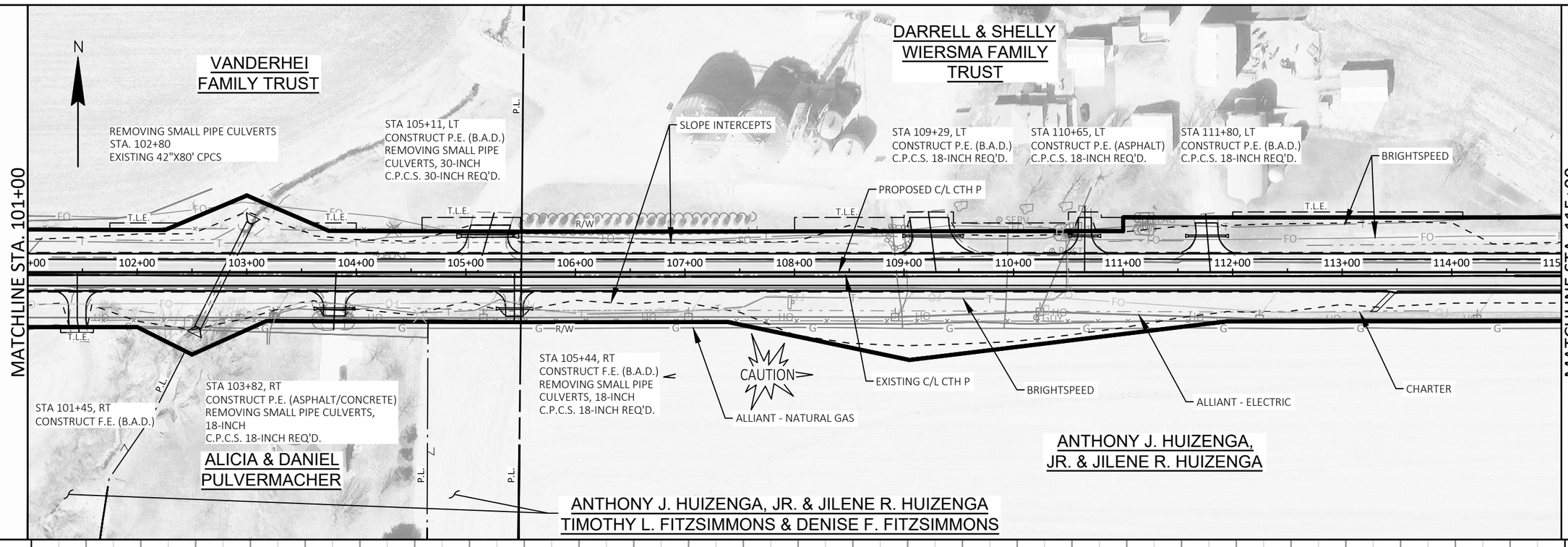
CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
906	92+02.99	3/4" IRON REBAR SET, 27.63' LT.	936.68	396,152.07	640,449.90

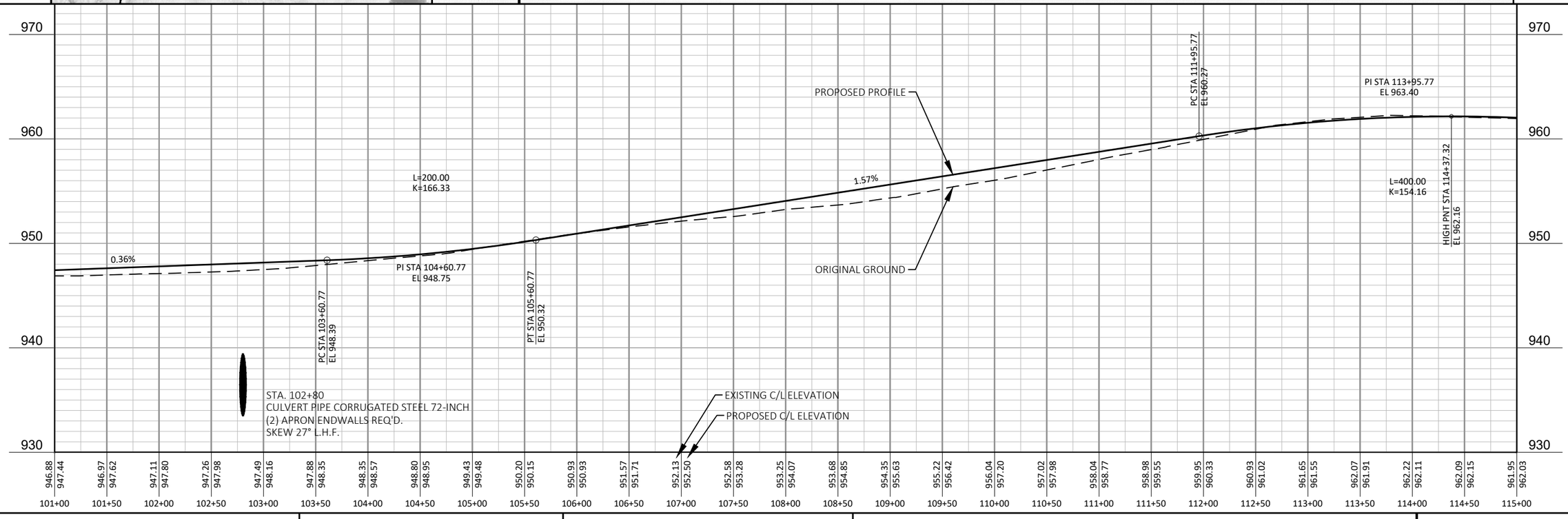




PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG
PLOT DATE : 4/23/2026 11:24:03 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1IN:100 FT
LAYOUT : 06

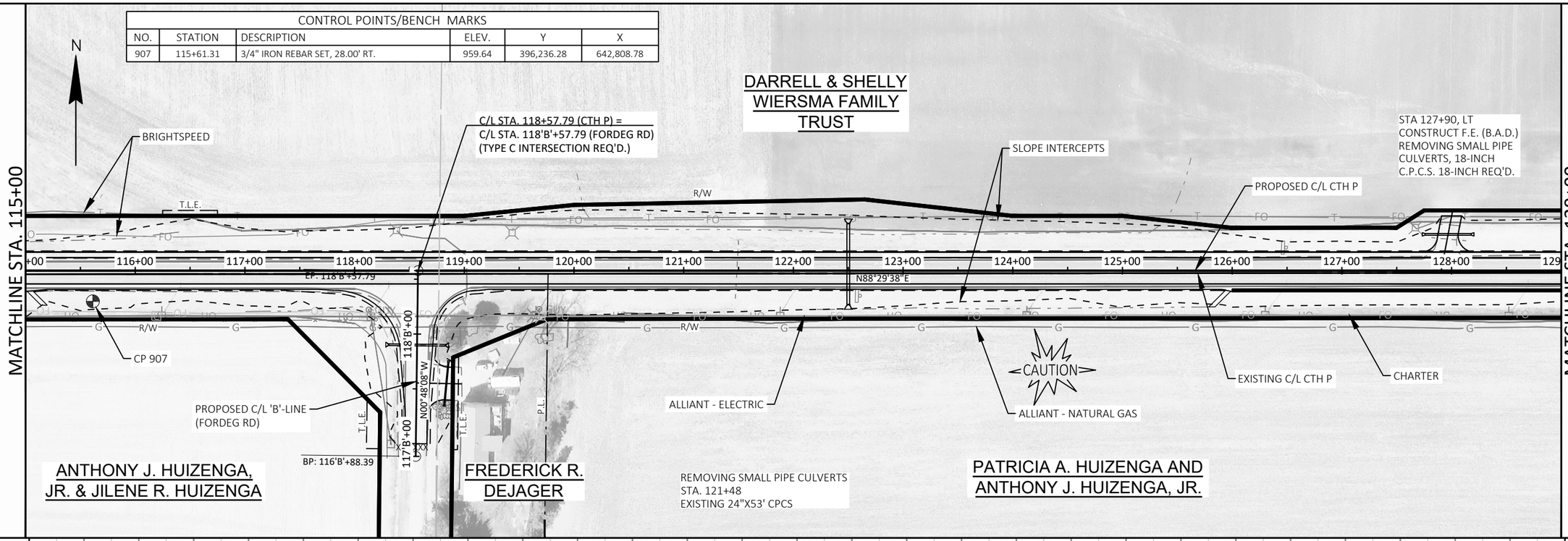


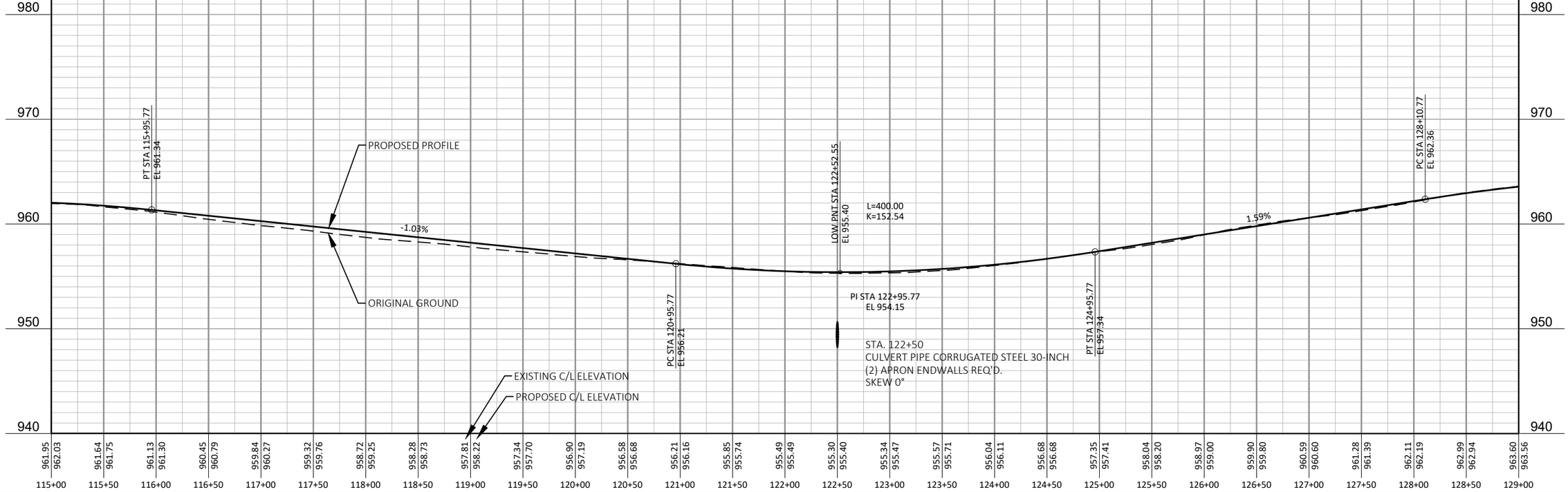


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 106	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG PLOT DATE : 4/23/2026 11:24:07 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1IN:100 FT LAYOUT : 07

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
907	115+61.31	3/4" IRON REBAR SET, 28.00' RT.	959.64	396,236.28	642,808.78

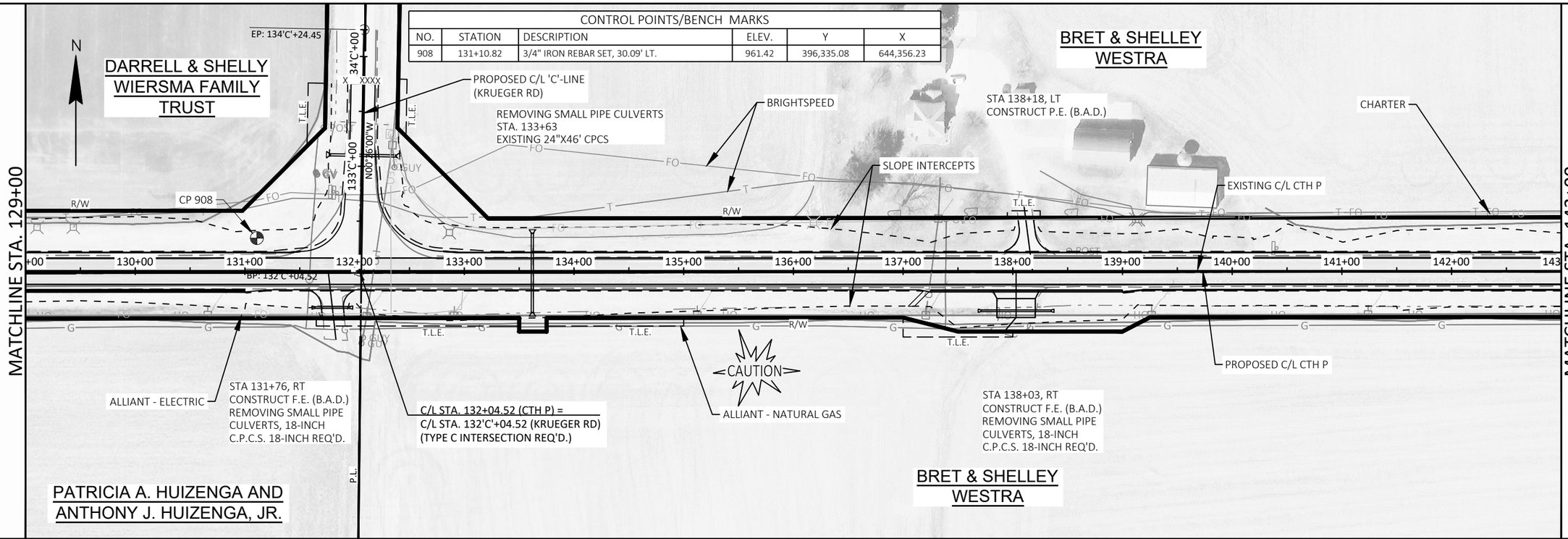


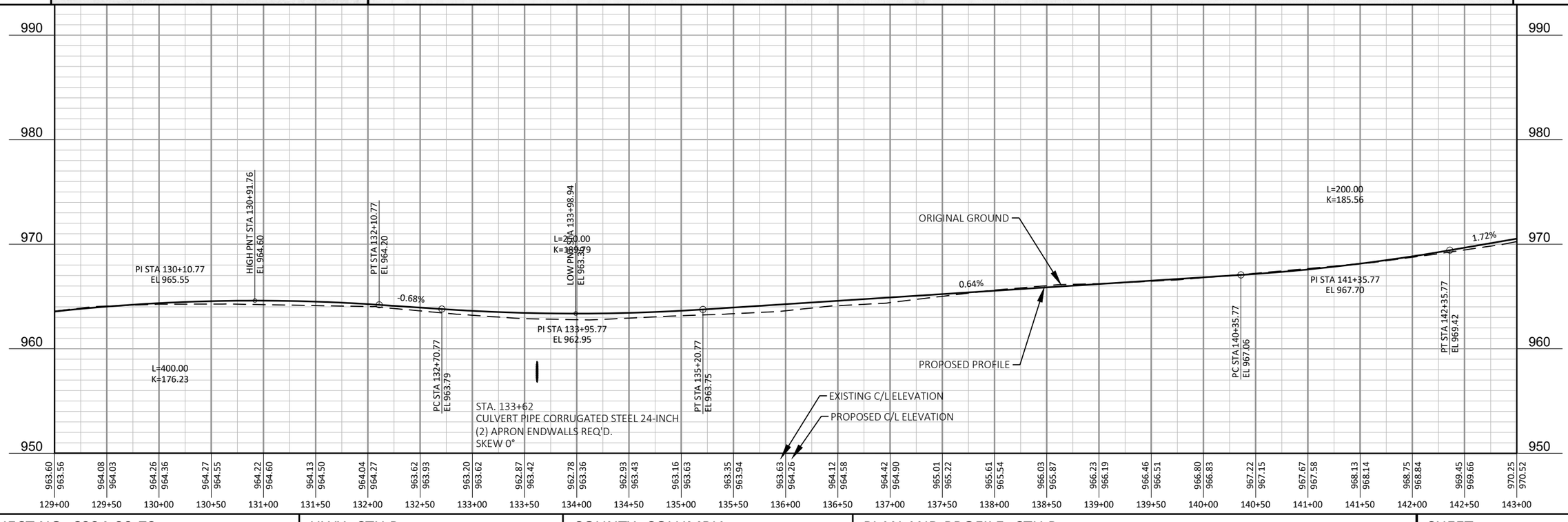


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG PLOT DATE : 4/23/2026 11:24:12 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1IN:100 FT LAYOUT : 08

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
908	131+10.82	3/4" IRON REBAR SET, 30.09' LT.	961.42	396,335.08	644,356.23





PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 108	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG
PLOT DATE : 4/23/2026 11:24:17 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1IN:100 FT
LAYOUT : 09

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
909	144+63.99	3/4" IRON REBAR SET, 21.55' RT.	971.04	396,319.03	645,710.28

N

BRET & SHELLEY WESTRA

AUSTIN CULLEN TREINEN & LYDIA RACHEL JANUTOLO

DENIS & DIANE HOMAN

JEANNE RADKE

BRET & SHELLEY WESTRA

MATCHLINE STA. 143+00

MATCHLINE STA. 157+00

P.L.

P.I.: 149+25.22

T.L.E.

R/W

CP 909

STA 145+13, RT
CONSTRUCT F.E. (B.A.D.)
REMOVING SMALL PIPE CULVERTS, 18-INCH
C.P.C.S. 18-INCH REQ'D.

STA 146+05, RT
CONSTRUCT P.E. (ASPHALT)
C.P.C.S. 18-INCH REQ'D.

STA 147+59, RT
CONSTRUCT F.E. (B.A.D.)

STA 148+55, LT
CONSTRUCT P.E. (B.A.D.)

STA 149+83, LT
CONSTRUCT P.E. (B.A.D.)
REMOVING SMALL PIPE CULVERTS, 18-INCH
C.P.C.S. 18-INCH REQ'D.

PROPOSED C/L CTH P

EXISTING C/L CTH P

SLOPE INTERCEPTS

ALLIANT - ELECTRIC

ALLIANT - NATURAL GAS

CAUTION

CHARTER

BRIGHTSPEED

144+00 145+00 146+00 147+00 148+00 149+00 150+00 151+00 152+00 153+00 154+00 155+00 156+00

5

5

990 980 970 960 950

PC STA 145+95.77
EL 975.61

PI STA 147+95.77
EL 979.05

HIGH PNT STA 147+91.49
EL 977.29

PT STA 149+95.77
EL 975.46

PC STA 155+90.77
EL 964.78

ORIGINAL GROUND

PROPOSED PROFILE

EXISTING C/L ELEVATION

PROPOSED C/L ELEVATION

1.72%

L=400.00
K=113.81

-1.79%

970.25 970.52 | 971.25 971.38 | 972.20 972.24 | 973.25 973.10 | 974.23 973.96 | 975.05 974.82 | 975.82 975.68 | 976.62 976.41 | 977.36 976.93 | 977.88 977.22 | 978.16 977.29 | 978.11 977.14 | 977.30 976.78 | 976.34 976.19 | 975.38 975.38 | 974.44 974.49 | 973.63 973.59 | 972.80 972.69 | 971.93 971.79 | 971.01 970.90 | 970.00 970.00 | 968.95 969.10 | 968.13 968.20 | 967.33 967.31 | 966.40 966.41 | 965.57 965.51 | 964.88 964.62 | 964.21 963.80 | 963.69 963.11

143+00 143+50 144+00 144+50 145+00 145+50 146+00 146+50 147+00 147+50 148+00 148+50 149+00 149+50 150+00 150+50 151+00 151+50 152+00 152+50 153+00 153+50 154+00 154+50 155+00 155+50 156+00 156+50 157+00

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 109	E

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
910	157+74.10	3/4" IRON REBAR SET, 39.13' LT.	959.93	396,411.58	647,018.53

N

MATCHLINE STA. 157+00

MATCHLINE STA. 171+00

DENIS & DIANE HOMAN

TREENA HOMAN

DENIS & DIANE HOMAN

CHICAGO & NORTHWESTERN RR CO

UNION PACIFIC RAILROAD

DENIS & DIANE HOMAN

STA 158+62, LT
CONSTRUCT P.E. (ASPHALT/CONCRETE)
REMOVING SMALL PIPE CULVERTS, 24-INCH
C.P.C.S. 24-INCH REQ'D.

CHARTER

STA 168+96, LT
CONSTRUCT F.E. (B.A.D.)

CP 910

BRIGHTSPEED

SLOPE INTERCEPTS

EXISTING C/L CTH P

PI: 166+85.46

PI: 169+50.20

T.L.E.

R/W

H.E.

158+00 159+00 160+00 161+00 162+00 163+00 164+00 165+00 166+00 167+00 168+00 169+00 170+00

N88°39'56"E

N88°52'33"E

STA 158+32, RT
CONSTRUCT F.E. (B.A.D.)

STA 167+50, RT
CONSTRUCT F.E. (B.A.D.)

HAROLD & DARLYN DEYOUNG FAMILY TRUST

ALLIANT - ELECTRIC

REMOVING SMALL PIPE CULVERTS
STA. 160+03
EXISTING 24"X51' CPCS

CAUTION

ALLIANT - NATURAL GAS

PROPOSED C/L CTH P

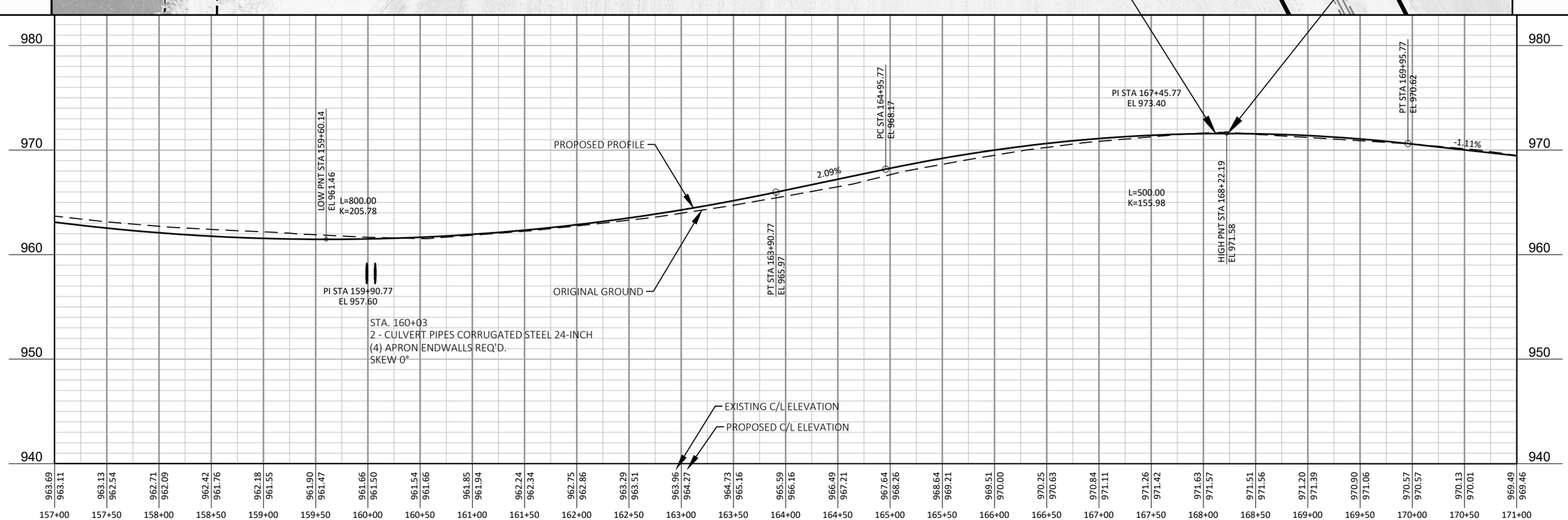
JEANNE RADKE

HUGH & JANE ROBERTS

DARRELL & SHELLY WIERSMA FAMILY TRUST

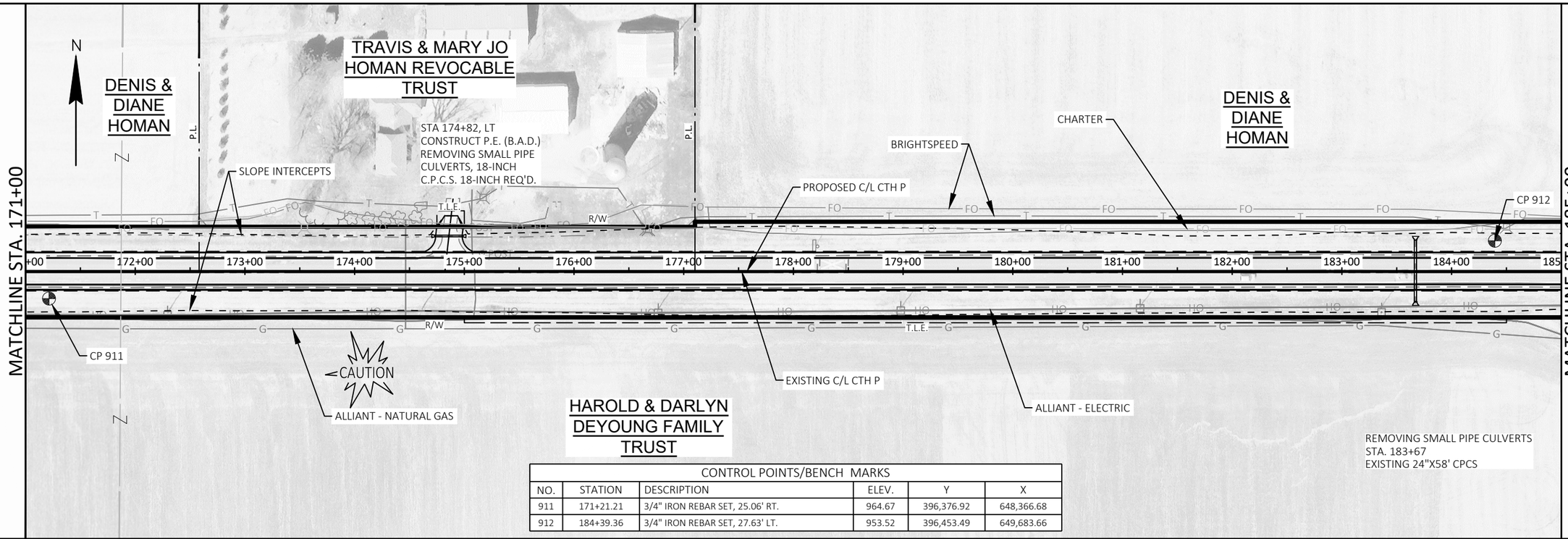
END CONSTRUCTION
STA 168+11.12
MATCH EXISTING

BEGIN CONSTRUCTION
STA 168+22.47
MATCH EXISTING

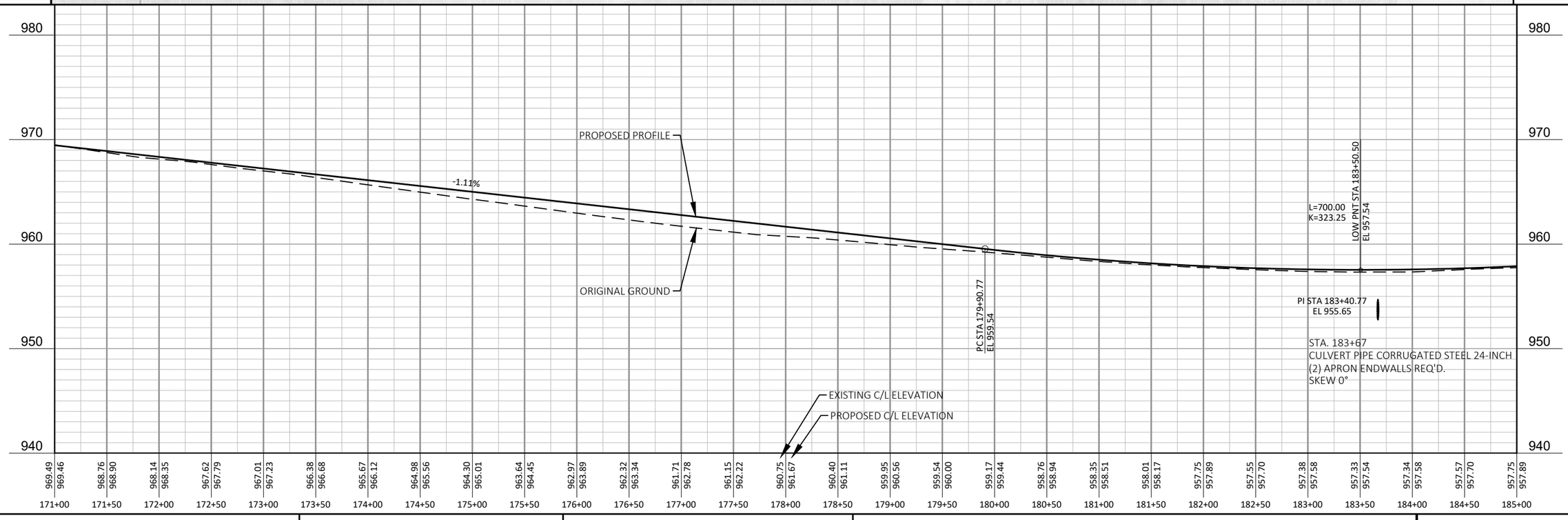


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 110	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG
PLOT DATE : 4/23/2026 11:24:25 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1IN:100 FT
LAYOUT : 11



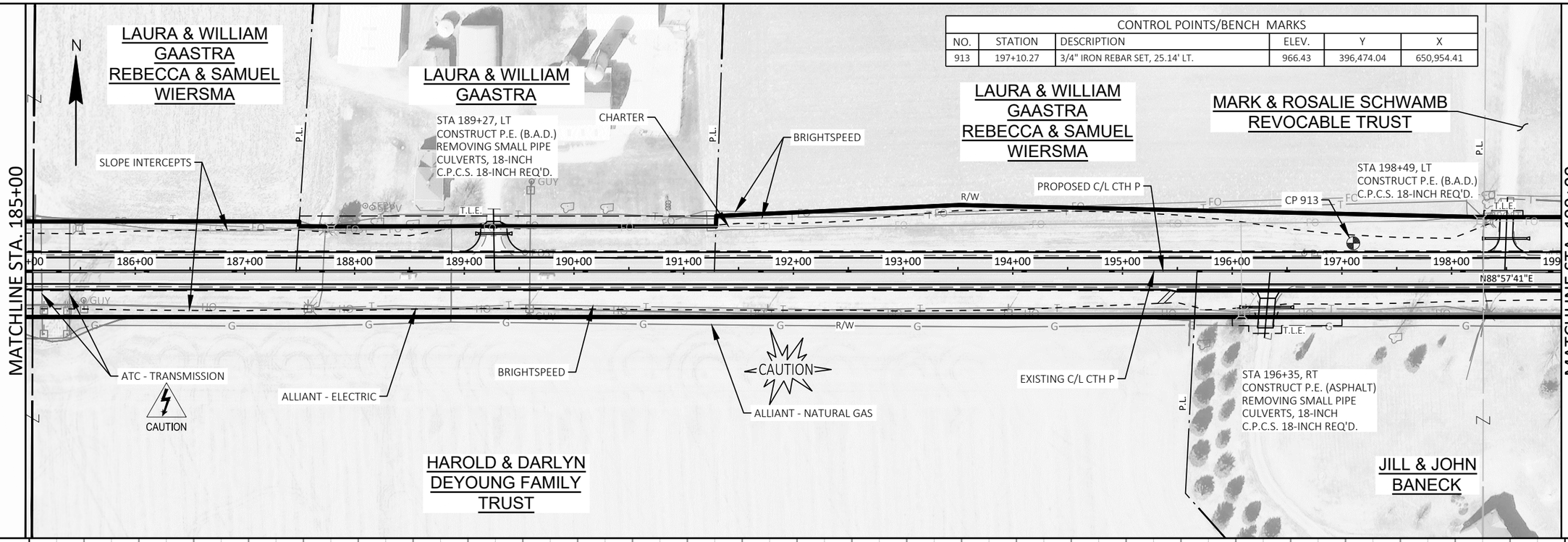
CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
911	171+21.21	3/4" IRON REBAR SET, 25.06' RT.	964.67	396,376.92	648,366.68
912	184+39.36	3/4" IRON REBAR SET, 27.63' LT.	953.52	396,453.49	649,683.66

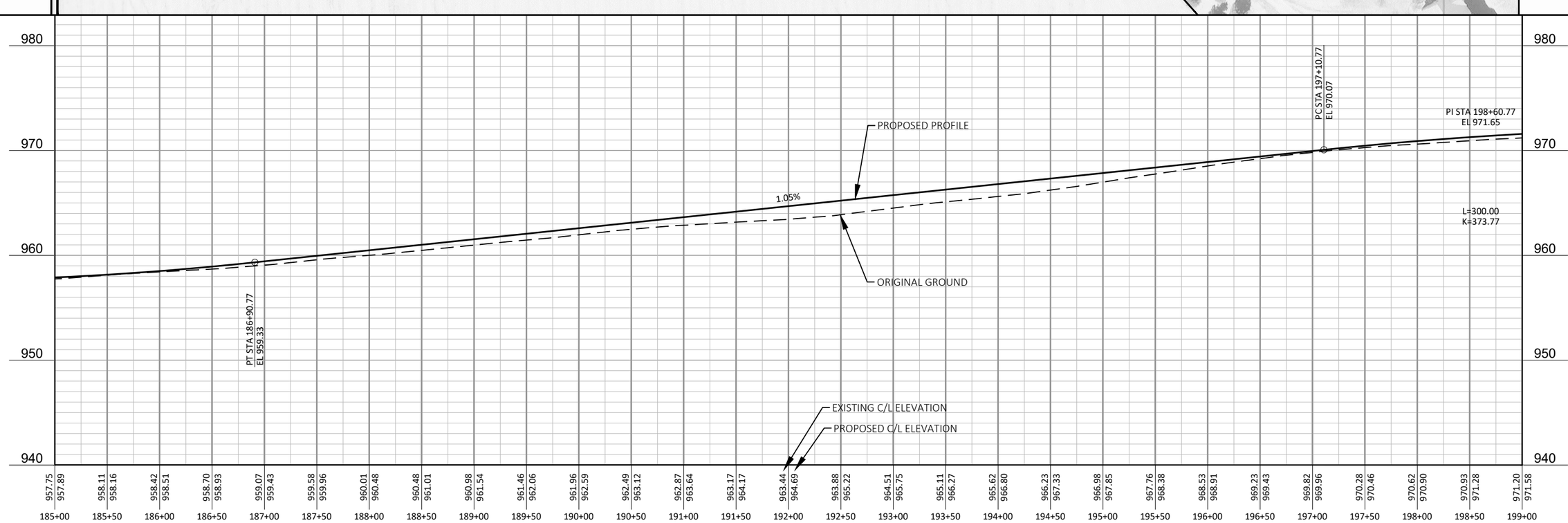


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 111	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG PLOT DATE : 4/23/2026 11:24:30 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1IN:100 FT LAYOUT : 12

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
913	197+10.27	3/4" IRON REBAR SET, 25.14' LT.	966.43	396,474.04	650,954.41





PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 112	E

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
914	209+54.01	3/4" IRON REBAR SET, 19.68' LT.	973.76	396,491.13	652,198.04

N

MARK & ROSALIE SCHWAMB REVOCABLE TRUST

HAROLD & DARLYN DEYOUNG FAMILY TRUST

AMBER & LEE REDEKER

DAVID & SHELLY CUPERY

AMBER & LEE REDEKER

LARRY & KRISTINE BAHR JOINT REVOCABLE TRUST

MATCHLINE STA. 199+00

MATCHLINE STA. 213+00

CHARTER

BRIGHTSPEED

SLOPE INTERCEPTS

STA 206+99, LT
CONSTRUCT F.E. (B.A.D.)
C.P.C.S. 18-INCH REQ'D.

STA 208+82, LT
CONSTRUCT P.E. (CONCRETE)
REMOVING SMALL PIPE
CULVERTS, 18-INCH

CAUTION
ATC - TRANSMISSION

CP 914

STA 211+43, LT
CONSTRUCT P.E. (B.A.D.)
REMOVING SMALL PIPE
CULVERTS, 18-INCH
C.P.C.S. 18-INCH REQ'D.

200+00 201+00 202+00 203+00 204+00 205+00 206+00 207+00 208+00 209+00 210+00 211+00 212+00

JILL & JOHN BANECK

STA 199+53, RT
CONSTRUCT F.E. (B.A.D.)

ALLIANT - ELECTRIC

CAUTION
ALLIANT - NATURAL GAS

PROPOSED C/L CTH P

EXISTING C/L CTH P

STA 211+47, RT
REMOVING SMALL PIPE
CULVERTS, 18-INCH

STA 212+00, RT
CONSTRUCT F.E. (B.A.D.)
C.P.C.S. 18-INCH REQ'D.

DUANE & FAYE OOSTERHOUSE REVOCABLE TRUST

HAROLD & DARLYN DEYOUNG FAMILY TRUST

REMOVING SMALL PIPE CULVERTS
STA. 203+40
EXISTING 24"X65' CPCS

5

5

990 980 970 960 950

PT STA 200+10.77
EL 972.02

L=200.00
K=215.87

0.25%

PC STA 202+80.77
EL 972.70

PI STA 203+80.77
EL 972.95

1.18%

PT STA 204+80.77
EL 974.13

PC STA 206+05.77
EL 975.60

PI STA 208+05.77
EL 977.95

HIGH PNT STA 208+09.51
EL 976.80

ORIGINAL GROUND

PROPOSED PROFILE

L=400.00
K=173.18

PT STA 210+05.77
EL 975.68

-1.13%

PC STA 212+30.77
EL 973.13

STA. 203+40
CULVERT PIPE CORRUGATED STEEL 30-INCH
(2) APRON ENDWALLS REQ'D.
SKEW 0°

EXISTING C/L ELEVATION

PROPOSED C/L ELEVATION

199+00	199+50	200+00	200+50	201+00	201+50	202+00	202+50	203+00	203+50	204+00	204+50	205+00	205+50	206+00	206+50	207+00	207+50	208+00	208+50	209+00	209+50	210+00	210+50	211+00	211+50	212+00	212+50	213+00
971.20	971.42	971.61	971.78	971.82	971.69	971.59	971.69	971.89	972.02	972.36	972.94	973.65	974.24	975.00	975.76	976.47	976.94	977.23	977.15	976.91	976.37	975.71	975.07	974.53	974.03	973.54	972.93	972.52
971.58	971.82	972.00	972.12	972.25	972.37	972.50	972.62	972.76	972.98	973.33	973.79	974.35	974.94	975.53	976.06	976.45	976.69	976.79	976.75	976.56	976.23	975.75	975.18	974.62	974.05	973.48	972.92	972.44

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
915	223+69.64	3/4" IRON REBAR SET, 26.80' RT.	974.92	396,470.32	653,614.28

N

MATCHLINE STA. 213+00

MATCHLINE STA. 227+00

LARRY & KRISTINE BAHR JOINT REVOCABLE TRUST

STEVEN & DEBRA JENKINS

DUANE & FAYE OOSTERHOUSE REVOCABLE TRUST

DALE, DANIEL, & RANDALL CUPERY AMY RUNHARR

STA 224+32, LT
CONSTRUCT P.E. (ASPHALT)
REMOVING SMALL PIPE
CULVERTS, 18-INCH
C.P.C.S. 18-INCH REQ'D.

C/L STA. 224+54.52 (CTH P) =
C/L STA. 224'D'+54.52 (JONES RD)
(TYPE C INTERSECTION REQ'D.)

SLOPE INTERCEPTS

BRIGHTSPEED

PROPOSED C/L CTH P

EXISTING C/L CTH P

CHARTER

P.L.

T.L.E.

R/W

CAUTION

ATC - TRANSMISSION/
ALLIANT - ELECTRIC

ALLIANT - NATURAL GAS

CP 915

EP: 224'D'+34.52

224'D'+00

N00°47'47"W

223'D'+0

PROPOSED C/L 'D'-LINE
(JONES RD)

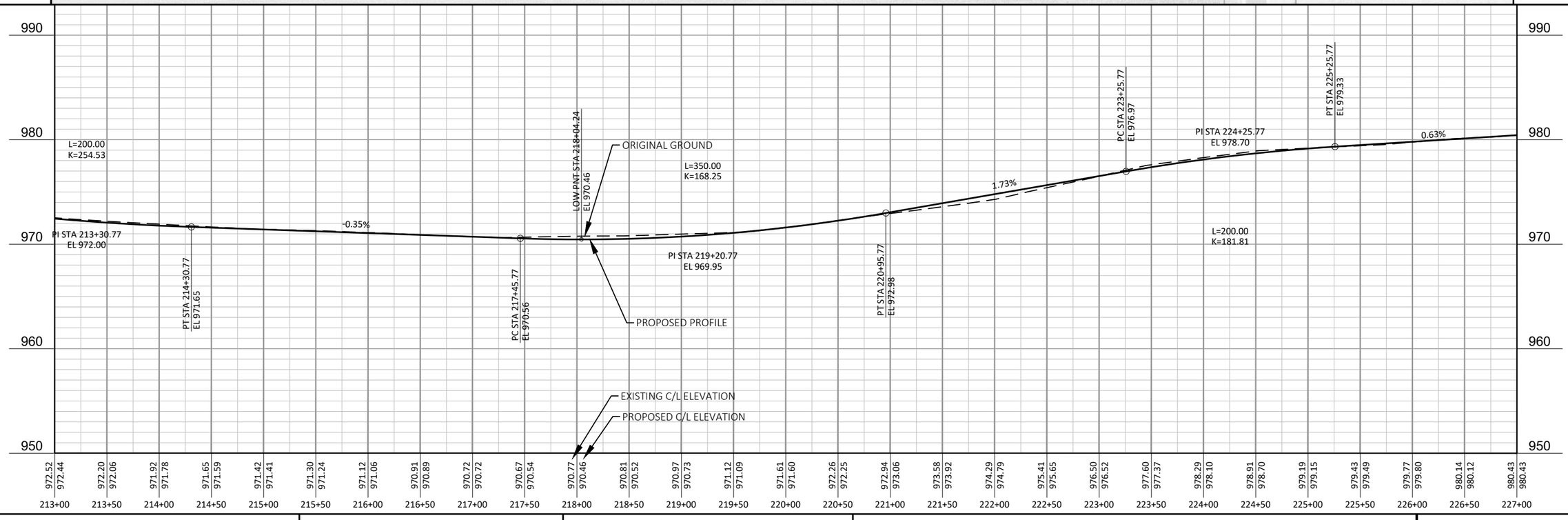
BP: 222'D'+34.14

ALLIANT - ELECTRIC

BRIGHTSPEED

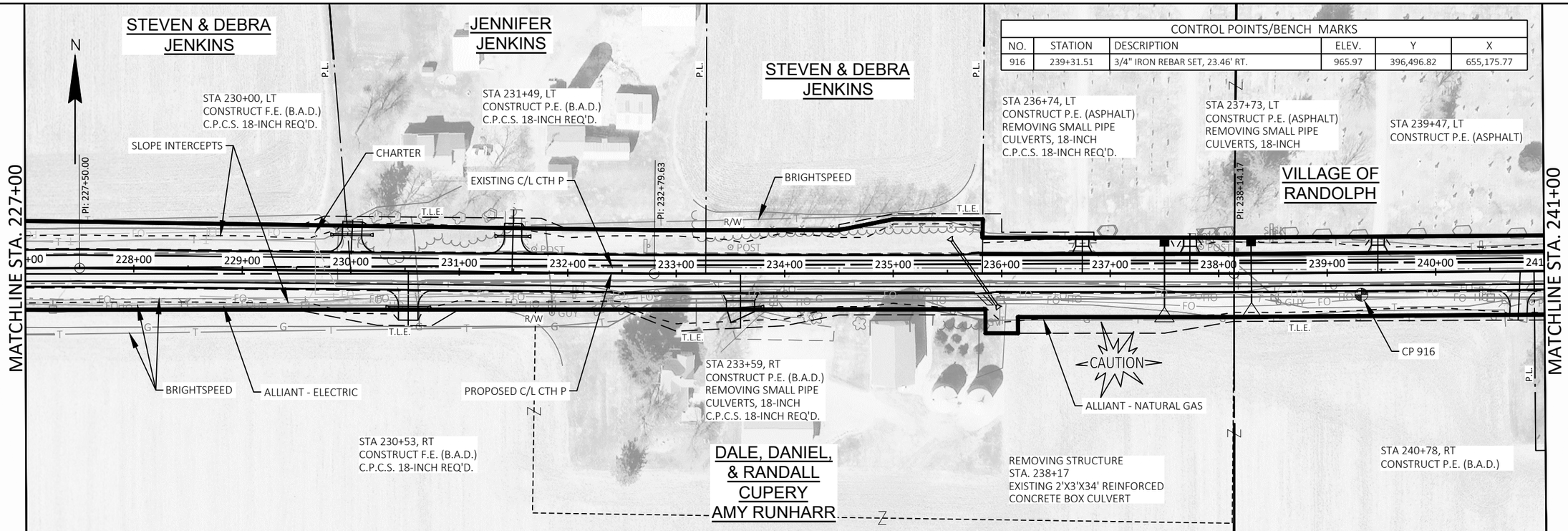
ATC - TRANSMISSION

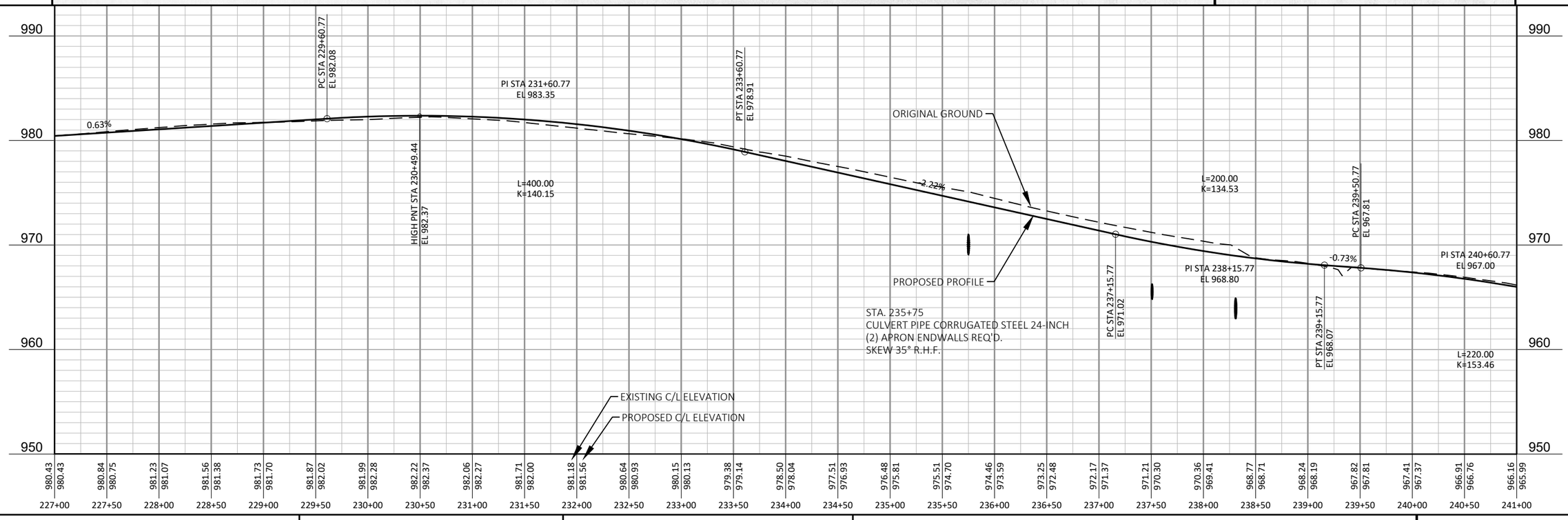
CAUTION



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 114	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG
PLOT DATE : 4/23/2026 11:24:43 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1IN:100 FT
LAYOUT : 15





PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG PLOT DATE : 4/23/2026 11:24:47 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1IN:100 FT LAYOUT : 16

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
917	253+70.81	3/4" IRON REBAR SET, 33.83' LT.	953.04	396,586.06	656,613.67

N

MATCHLINE STA. 241+00

MATCHLINE STA. 255+00

VILLAGE OF RANDOLPH

ANNUNCIATION CONGREGATION

STA 241+99, LT
CONSTRUCT P.E. (ASPHALT)
REMOVING SMALL PIPE
CULVERTS, 18-INCH

HIGHLAND FARMS LLC

EXISTING C/L CTH P

APPROXIMATE LOCATION OF BURIED DRAIN TILE TO REMAIN

SLOPE INTERCEPTS

STA 251+20, LT
CONSTRUCT F.E. (B.A.D.)
REMOVING SMALL PIPE
CULVERTS, 18-INCH
C.P.C.S. 15-INCH REQ'D.

BRIAN & JANICE BRAAKSMA

PROPOSED BIORETENTION SWALE

CP 917

PI: 253+75.52

CHARTER

BRIGHTSPEED

JOAN & PHILIP KAROW

NICOLE & RYAN FREY

STA 244+73, RT
CONSTRUCT P.E. (B.A.D.)
REMOVING SMALL PIPE
CULVERTS, 18-INCH
C.P.C.S. 18-INCH REQ'D.

PROPOSED C/L CTH P

STA 246+09, RT
CONSTRUCT P.E. (B.A.D.)
REMOVING SMALL PIPE
CULVERTS, 18-INCH
C.P.C.S. 18-INCH REQ'D.

NICOLE ALBRECHT

CAUTION

ALLIANT - NATURAL GAS

DENNIS & MARY KASCHUB

APPROXIMATE LOCATION OF BURIED DRAIN TILE TO REMAIN

ALLIANT - ELECTRIC

STA 241+67, RT
CONSTRUCT P.E. (ASPHALT)
REMOVING SMALL PIPE
CULVERTS, 18-INCH
C.P.C.S. 18-INCH REQ'D.

STA 242+92, RT
CONSTRUCT P.E. (ASPHALT)
REMOVING SMALL PIPE
CULVERTS, 18-INCH
C.P.C.S. 18-INCH REQ'D.

DALE, DANIEL, & RANDALL CUPERY AMY RUNHARR

REMOVING STRUCTURE
STA. 250+50
EXISTING 2'X3'X39' REINFORCED
CONCRETE BOX CULVERT

RICHARD MARQUARDT

KIMBERLY & PAUL KIRKENDALL

CHIANNA & HEATH HARVEY

P.L. T.L.E. R/W SIGN POST FO HO T G

+00 242+00 243+00 244+00 245+00 246+00 247+00 248+00 249+00 250+00 251+00 252+00 253+00 254+00 255

5

5

980 970 960 950 940

PT STA 241+70.77
EL 964.61

-2.17%

L=400.00
K=167.73

PC STA 243+65.77
EL 960.39

PI STA 245+65.77
EL 956.05

LOW PNT STA 247+29.46
EL 956.44

PT STA 247+65.77
EL 956.48

PROPOSED PROFILE

ORIGINAL GROUND

PC STA 249+50.77
EL 956.88

HIGH PNT STA 250+12.58
EL 956.95

PI STA 250+50.77
EL 957.10

0.22%

L=200.00
K=285.48

STA. 250+50
2 - CULVERT PIPES CORRUGATED STEEL 42-INCH
(4) APRON ENDWALLS REQ'D.
SKEW 0°

EXISTING C/L ELEVATION

PROPOSED C/L ELEVATION

PT STA 251+50.77
EL 956.62

-0.48%

PC STA 252+99.22
EL 955.90

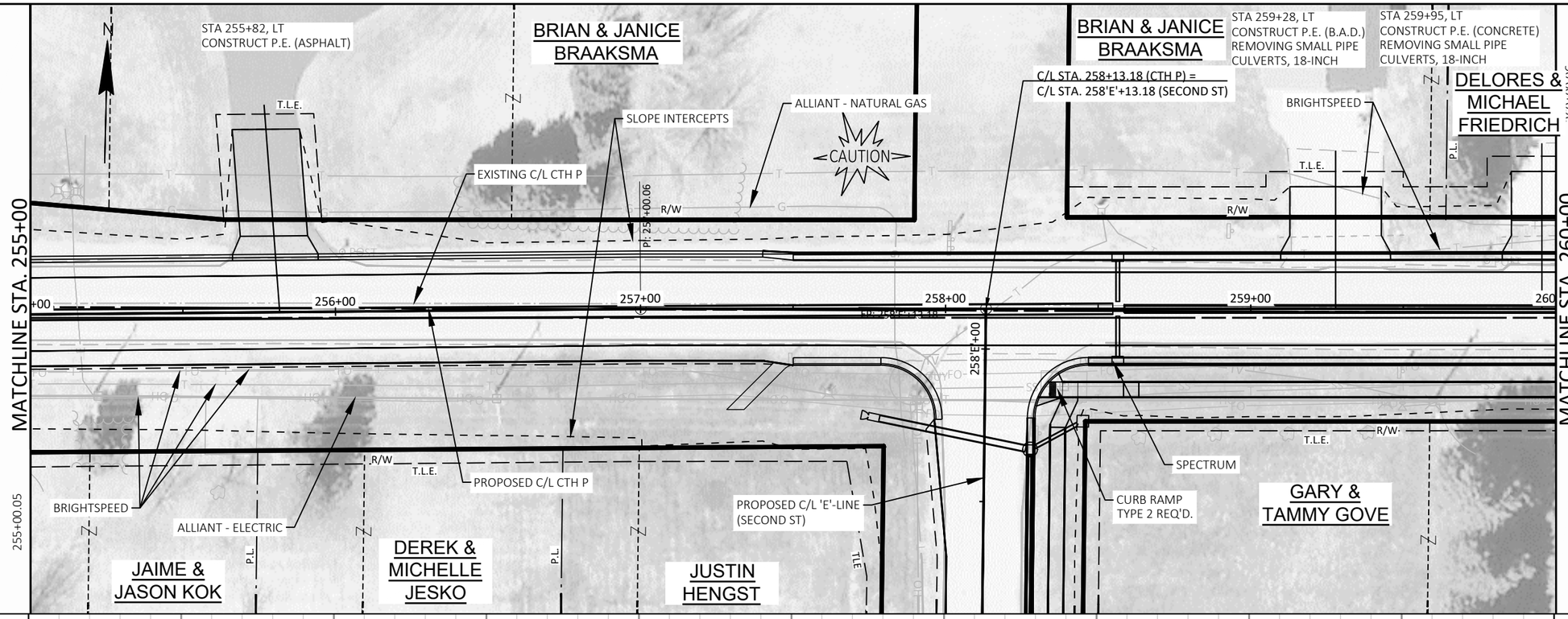
L=200.00
K=254.89

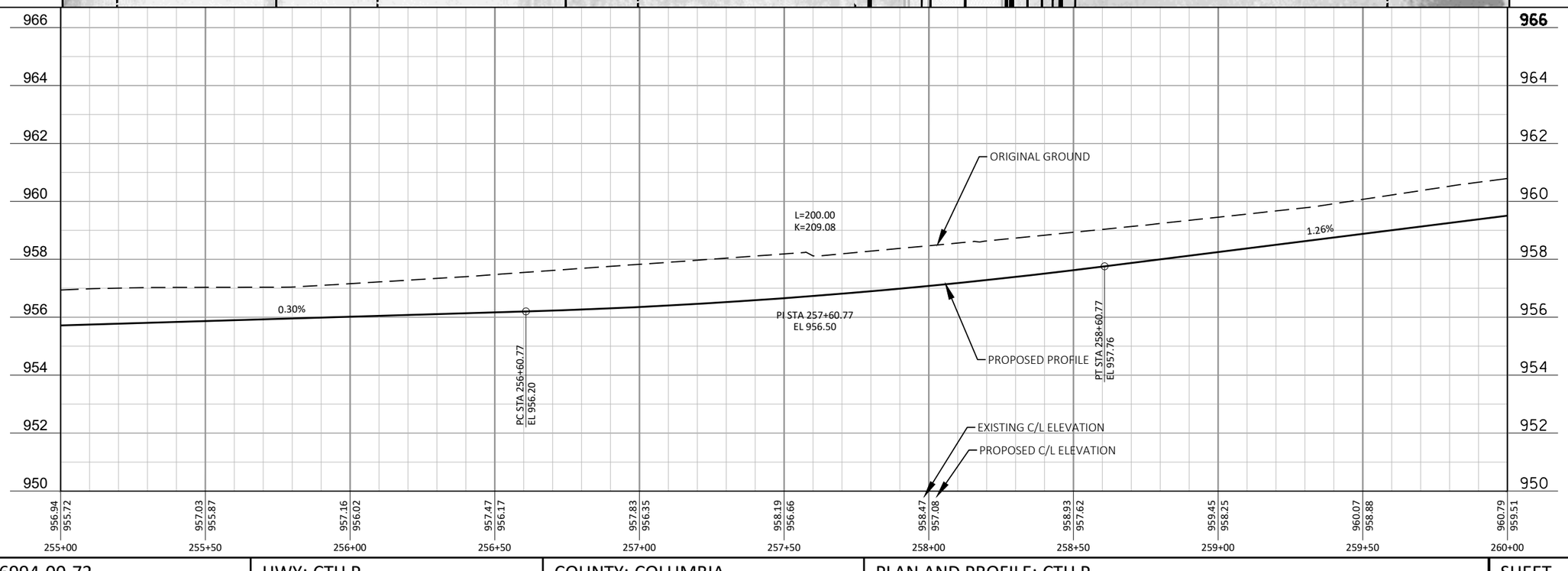
LOW PNT STA 254+22.60
EL 955.60

PI STA 253+99.22
EL 955.41

PT STA 254+99.22
EL 955.71

| | | | | |





PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 117	E

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
918	264'G'+36.24	3/4" IRON REBAR SET, 34.77' RT.	965.01	396,534.59	657,754.32

DELORES & MICHAEL FRIEDRICH

REMOVING SMALL PIPE CULVERTS
STA. 261'F'+42
EXISTING 24"X44' CPCS

N

PROPOSED C/L 'F'-LINE (FIRST ST)

C/L STA. 261+20.10 (CTH P) =
C/L STA. 261'F'+20.10 (FIRST ST)

CURB RAMP TYPE 2 REQ'D.

T.L.E.

R/W

262'F'+00

N00°35'24"W

MATCHLINE STA. 260+00

260+00.06

GARY & TAMMY GOVE

CURB RAMP TYPE 2 REQ'D.

T.L.E.

R/W

PROPOSED C/L 'F'-LINE (FIRST ST)

261'F'+00

N00°39'34"W

CURB RAMP TYPE 2 REQ'D.

STA 261+94, LT
CONSTRUCT P.E. (CONCRETE)
REMOVING SMALL PIPE CULVERTS, 18-INCH

DONALD BOOMSMA, DEBRA CUPERY, PAMELA OTTE, LISA PICKHARDT, & PEGGY POST

P.I.

EXISTING C/L CTH P

PROPOSED C/L CTH P

R/W

VILLAGE OF RANDOLPH

SLOPE INTERCEPTS

CURB RAMP TYPE 2 REQ'D.

T.L.E.

BRIGHTSPEED

JUDITH & KENNETH IRELAND

EP: 265'G'+76.27

ALLIANT - ELECTRIC

CURB RAMP TYPE 2 REQ'D.

265'G'+00.79

EP: 265'H'+65.41

261+00

262+00

263+00

264+00

264+76

265'H'+00

N89°11'26"E

N89°14'44"E

T.L.E.

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

CONCRETE SIDEWALK 4-INCH

SPECTRUM

CURB RAMP TYPE 2 REQ'D.

C/L STA. 261+21.33 (CTH P) =
C/L STA. 261'F'+21.33 (FIRST ST)

STA 262+78, RT
CONSTRUCT C.E. (ASPHALT)

ALICIA & RAYMOND KOESTER

P.I.

R/W

CONCRETE SIDEWALK 4-INCH

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

ALLIANT - NATURAL GAS

CAUTION

STA 263+68, RT
CONSTRUCT C.E. (CONCRETE)

JEFFERY LEE

PROP. R/W

CURB RAMP TYPE 2 REQ'D.

N00°31'46"W

264'G'+00

BP: 263'F'+89.93

CURB RAMP TYPE 2 REQ'D.

R/W

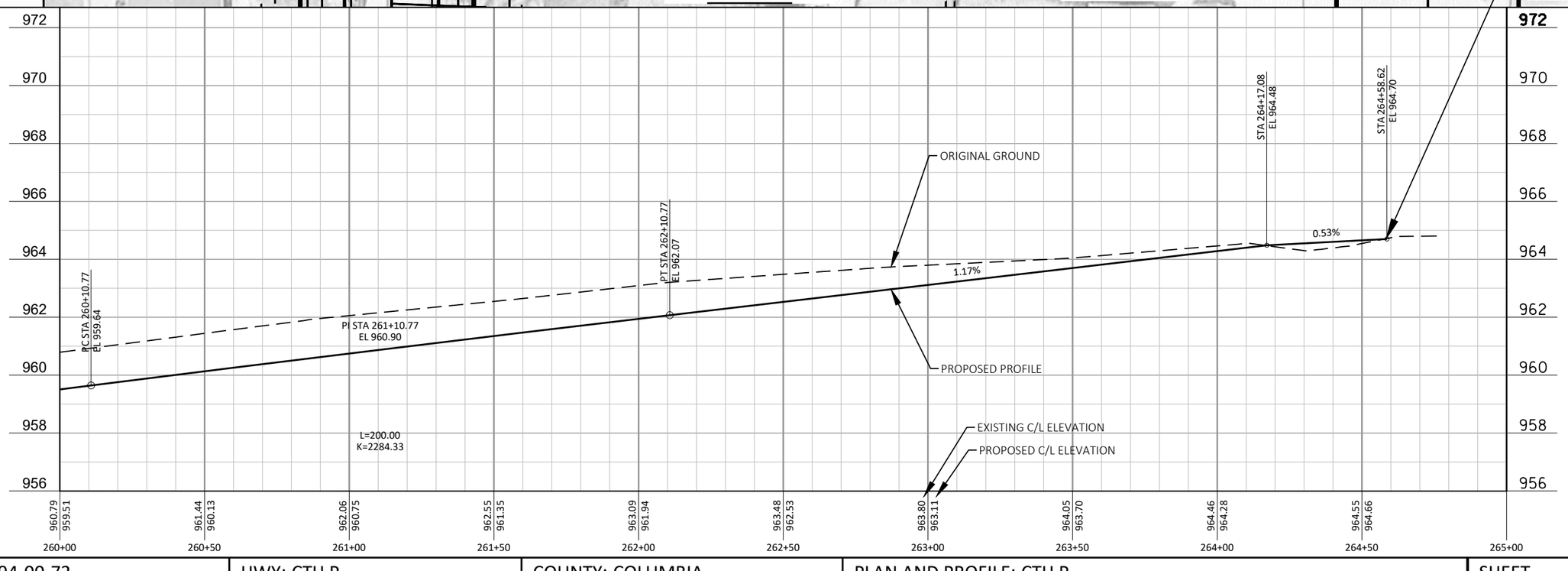
CP 918

END PROJECT
STA 264+57.85
MATCH EXISTING SAW CUT REQ'D

STA 263+05, LT
CONSTRUCT P.E. (B.A.D.)
REMOVING SMALL PIPE CULVERTS, 12-INCH

5

5



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: CTH P	SHEET 118	E

N

DENISE & TIMOTHY FITZSIMMONS
ANTHONY & JILENE HUIZENGA

ALLIANT - ELECTRIC
SLOPE INTERCEPTS
EXISTING C/L 'B'-LINE (FORDEG RD)
PROPOSED C/L 'B'-LINE (FORDEG RD)
CHARTER
PROPOSED C/L CTH P

REMOVING SMALL PIPE CULVERTS
STA. 117'B'+90
EXISTING 16"X38' CPCS

BP: 116'B'+88.39
EP: 118'B'+57.79
T.L.E.
R/W
117'B'+00
118'B'+00
N00°48'08"W
117+00
118+00
119+00
120+00
121

C/L STA. 118'B'+57.79 (FORDEG RD) =
C/L STA. 118+57.79 (CTH P)
(TYPE C INTERSECTION REQ'D.)
BRIGHTSPEED

DARRELL & SHELLY
WIERSMA FAMILY
TRUST

REBECCA & SAMUEL
WIERSMA

STA 117'B'+55, RT
CONSTRUCT P.E. (B.A.D.)
REMOVING SMALL PIPE CULVERTS, 12-INCH
C.P.C.S. 12-INCH REQ'D.

FREDERICK &
FREDRICK DEJAGER

P.L.

BEGIN CONSTRUCTION
STA 117'B'+00.00
MATCH EXISTING
SAW CUT REQ'D.

CAUTION

ALLIANT - NATURAL GAS

END CONSTRUCTION
STA 118'B'+39.79
MATCH PROPOSED

5

980
970
960
950
940

STA 117'B'+00.00
EL 958.66
ORIGINAL GROUND
STA 118'B'+39.79
EL 958.29
STA 118'B'+57.79
EL 958.65
L=120.00
K=24.72
LOW PNT STA 117+75.63
EL 957.51
-2.86%
2.00%
2.89%
PI STA 117'B'+65.00
EL 956.80
PC STA 117'B'+05.00
EL 958.51
PT STA 118'B'+25.00
EL 958.00
STA. 117'B'+90
CULVERT PIPE CORRUGATED STEEL 18-INCH
(2) APRON ENDWALLS REQ'D.
SKEW 0°
PROPOSED PROFILE
EXISTING C/L ELEVATION
PROPOSED C/L ELEVATION

958.66 958.66 957.72 957.64 957.71 957.63 958.25 958.50

111+00 111+50 112+00 112+50 113+00 113+50 114+00 114+50 115+00 115+50 116+00 116+50 117+00 117+50 118+00 118+50 119+00 119+50 120+00 120+50 121+00 121+50 122+00 122+50 123+00 123+50 124+00 124+50 125+00

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: FORDEG RD	SHEET 119	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG
PLOT DATE : 4/23/2026 11:25:04 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1IN:100 FT
LAYOUT : 20

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
908	131+10.82	3/4" IRON REBAR SET, 30.09' LT.	961.42	396,335.08	644,356.23

N

REBECCA & SAMUEL WIERSMA

DARRELL & SHELLY WIERSMA FAMILY TRUST

BRET & SHELLEY WESTRA

BRET & SHELLEY WESTRA

CHARTER

PROPOSED C/L CTH P

ALLIANT - ELECTRIC

C/L STA. 132'C'+04.52 (KRUEGER RD) =
C/L STA. 132+04.52 (CTH P)
(TYPE C INTERSECTION REQ'D.)

CP 908

SLOPE INTERCEPTS

EXISTING C/L 'C'-LINE (KRUEGER RD)

REMOVING SMALL PIPE CULVERTS
STA. 133'C'+39
EXISTING 24"X43' CPCS

EP: 134'C'+24.45

R/W

T.L.E.

133'C'+00

134'C'+00

N00°26'00"W

P.L.

CAUTION

ALLIANT - NATURAL GAS

ATC - DISTRIBUTION/
ALLIANT - ELECTRIC

CAUTION

ATC - DISTRIBUTION

CAUTION

PROPOSED C/L 'C'-LINE (KRUEGER RD)

SLOPE INTERCEPTS

BRIGHTSPEED

BEGIN CONSTRUCTION
STA 132'C'+22.52
MATCH PROPOSED

END CONSTRUCTION
STA 133'C'+75.00
MATCH EXISTING
SAW CUT REQ'D

130+00 131+00 132+00 133+00 134+00

STA 132'C'+04.52 EL 964.24

PC STA 132'C'+29.01 EL 963.82

LOW PNT STA 132+50.99 EL 963.73

L=97.14
K=26.43

PC STA 133'C'+34.43 EL 965.04

PT STA 133'C'+57.90 EL 965.51

STA 133'C'+75.00 EL 965.70

ORIGINAL GROUND

2.84%

1.15%

PI STA 133'C'+46.16
EL 965.371

PI STA 132'C'+77.58
EL 963.42

PROPOSED PROFILE

PT STA 133'C'+26.15 EL 964.80

L=23.48
K=13.88

STA 132'C'+22.52 EL 963.88

STA. 133'C'+10
CULVERT PIPE CORRUGATED STEEL 24-INCH
(2) APRON ENDWALLS REQ'D.
SKEW 0°

EXISTING C/L ELEVATION

PROPOSED C/L ELEVATION

964.46 963.73 965.05 964.19 965.51 965.39 965.79

980 970 960 950 940

126+00 126+50 127+00 127+50 128+00 128+50 129+00 129+50 130+00 130+50 131+00 131+50 132+00 132+50 133+00 133+50 134+00 134+50 135+00 135+50 136+00 136+50 137+00 137+50 138+00 138+50 139+00 139+50 140+00

5 5

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: KRUEGER RD	SHEET 120	E

CONTROL POINTS/BENCH MARKS					
NO.	STATION	DESCRIPTION	ELEV.	Y	X
915	223+69.64	3/4" IRON REBAR SET, 26.80' RT.	974.92	396,470.32	653,614.28

N

DUANE & FAYE OOSTERHOUSE REVOCABLE TRUST

LARRY & KRISTINE BAHR JOINT REVOCABLE TRUST

DALE, DANIEL, & RANDALL CUPERY AMY RUNHARR

STEVEN & DEBRA JENKINS

ATC - DISTRIBUTION/ ALLIANT - ELECTRIC

CAUTION

CP 915

SLOPE INTERCEPTS

PROPOSED C/L 'D'-LINE (JONES RD)

BP: 222'D'+34.14

R/W

223'D'+00

224'D'+00

N00°47'47"W

BRIGHTSPEED

PROPOSED C/L CTH P

C/L STA. 224'D'+54.52 (JONES RD) = C/L STA. 224+54.52 (CTH P) (TYPE C INTERSECTION REQ'D.)

P.L.

CHARTER

ATC - DISTRIBUTION

CAUTION

EXISTING C/L 'D'-LINE (JONES RD)

BRIGHTSPEED

SLOPE INTERCEPTS

CAUTION

BEGIN CONSTRUCTION
STA 223'D'+25.00
MATCH EXISTING
SAW CUT REQ'D.

ALLIANT - NATURAL GAS

ALLIANT - ELECTRIC

END CONSTRUCTION
STA 224'D'+36.52
MATCH PROPOSED

223+00 224+00 225+00 226+00

T.L.E.

R/W

PROPOSED PROFILE

STA 223'D'+25.00 EL 974.74

STA 224'D'+36.52 EL 978.38

STA 224'D'+54.52 EL 978.74

3.27%

2.00%

ORIGINAL GROUND

EXISTING C/L ELEVATION

PROPOSED C/L ELEVATION

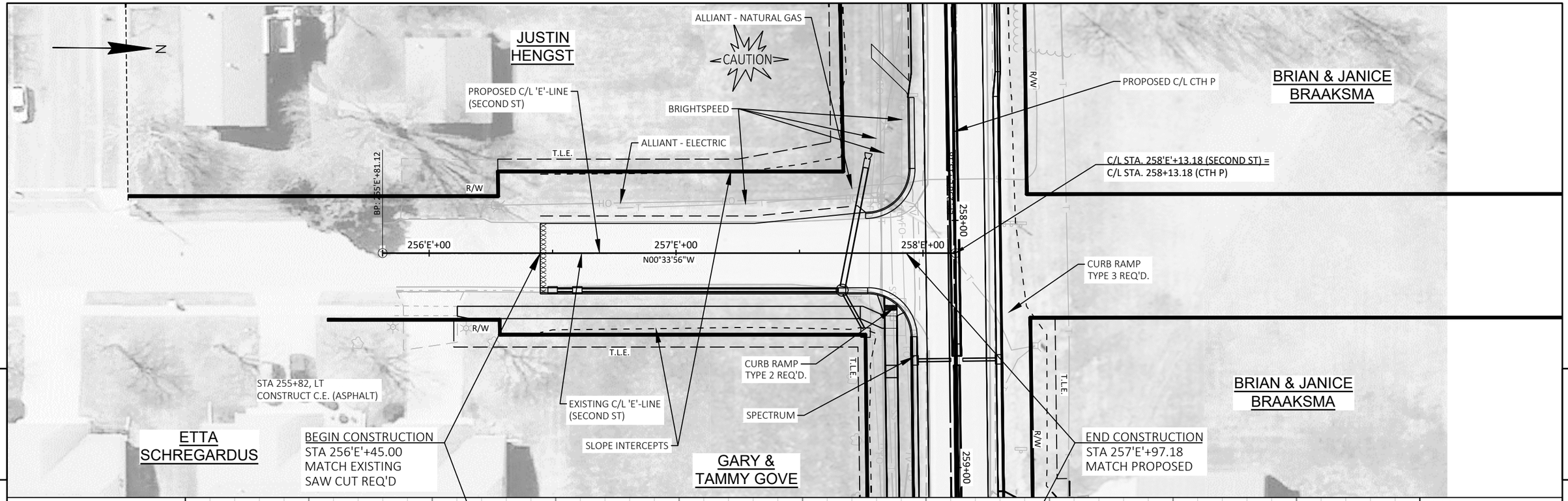
1000 990 980 970 960

973.14 974.02 975.48 975.55 977.03 977.19 978.88 978.65

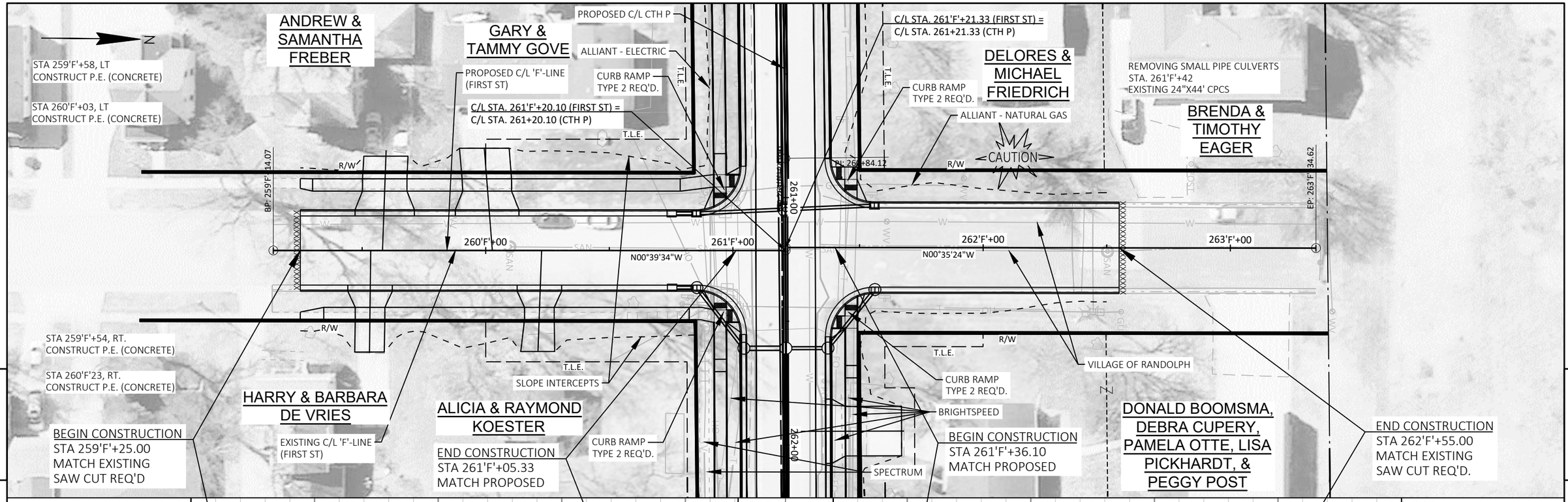
216+00 216+50 217+00 217+50 218+00 218+50 219+00 219+50 220+00 220+50 221+00 221+50 222+00 222+50 223+00 223+50 224+00 224+50 225+00 225+50 226+00 226+50 227+00 227+50 228+00 228+50 229+00 229+50 230+00

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: JONES RD	SHEET	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\SHEETSPLAN\PLAN & PROFILE SHEETS\69940002_PLAN&PROFILE.DWG PLOT DATE : 4/23/2026 11:25:13 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1IN:100 FT LAYOUT : 22



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: SECOND ST	SHEET 122	E

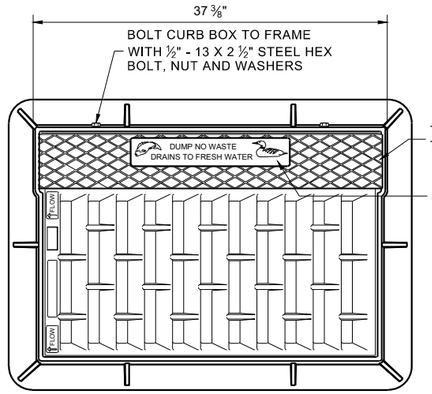


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PLAN AND PROFILE: FIRST ST	SHEET 123	E

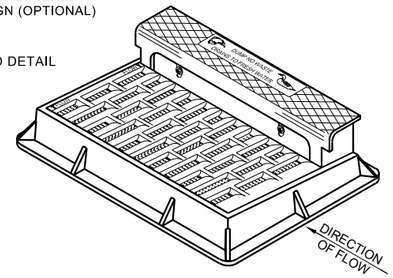
Standard Detail Drawing List

08A05-22A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-22B	INLET COVERS TYPE B, B-A, C, MS, MS-A, DW & WM
08A05-22E	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08C08-03	INLETS MEDIAN 1 AND 2 GRATE
08D01-24A	CONCRETE CURB & GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-22A	CURB RAMPS TYPES 1 AND 1-A
08D05-22B	CURB RAMPS TYPES 2 AND 3
08D05-22C	CURB RAMPS TYPES 4A AND 4A1
08D05-22D	CURB RAMPS TYPES 4B AND 4B1
08D05-22E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-22F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-22G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F03-03	DETAILS FOR PIPE CATTLE PASS, CONCRETE ENDWALLS AND STEPS
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
08F07-05	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS
08F08-02	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED CROSS DRAINS
08F10-02	CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH
09A01-14A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
09A11-01	DRIVEWAY AND SIDEWALK RAMPS TYPE X AND Y
09A12-01	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
13A10-03A	SHOULDER RUMBLE STRIPS - ASPHALT
13A10-03G	SHOULDER AND EDGE LINE RUMBLE STRIPS - CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS
13A10-03H	SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES
13A11-04A	CENTERLINE RUMBLE STRIPS - ASPHALT
13A11-04D	CENTERLINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAILROADS
13C19-03	HMA LONGITUDINAL JOINTS
14B29-01	SAFETY EDGE
15A01-13A	MARKER POST FOR RIGHT-OF-WAY
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-10A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-10B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-10F	ADVANCED WIDTH RESTRICTION SIGNING
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C09-13A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D28-05	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-12A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D40-07A	TRAFFIC CONTROL, FULL LANE SHIFT NON-FREEWAY/EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

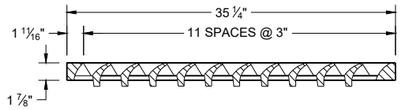
6

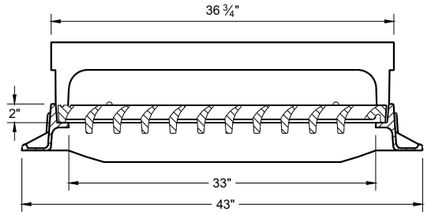


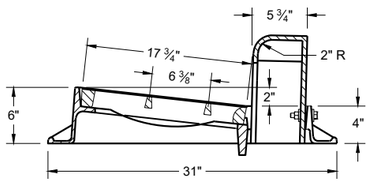
NOTE: EITHER CASTING IS ACCEPTABLE

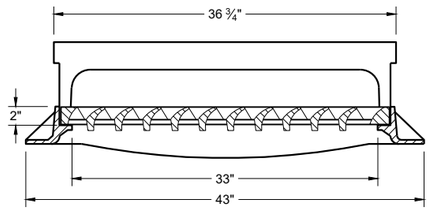


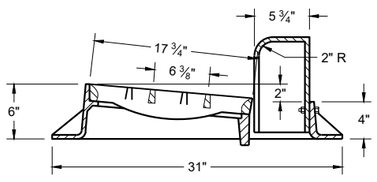
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







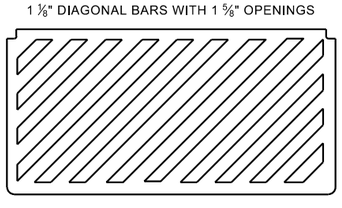




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

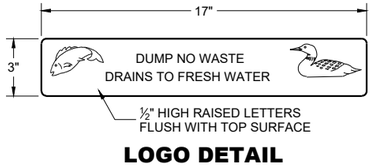
1 ⅛" DIAGONAL BARS WITH 1 ⅝" OPENINGS



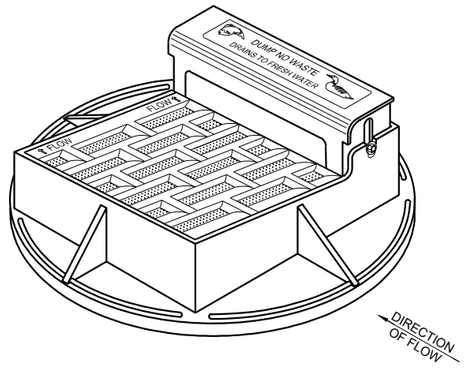
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 ¾" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

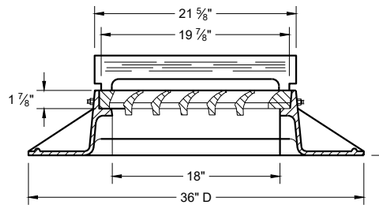


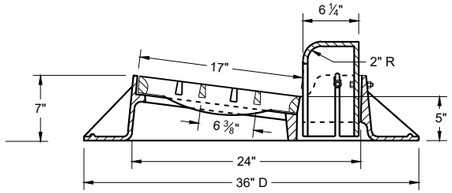
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





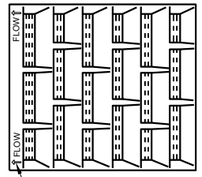
TYPE "A"

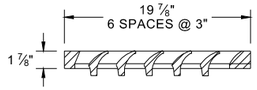
GENERAL NOTES

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.

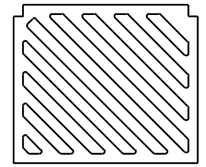
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.





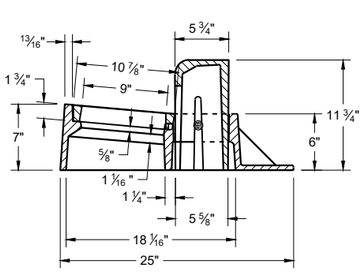
1" DIAGONAL BARS
WITH 1 ½" OPENINGS

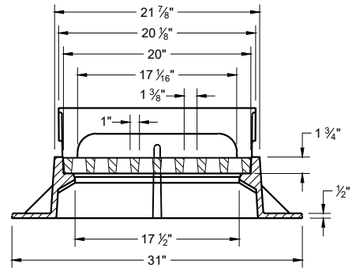


SPECIAL GRATE FOR TYPE "A" COVER

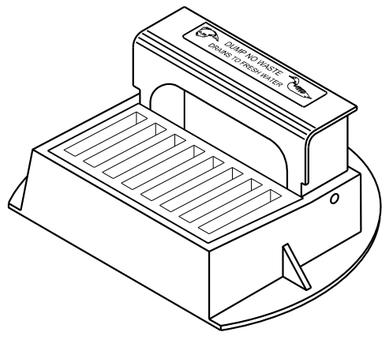
(MEASURES 19 ¾" X 17" X 1 ⅞")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



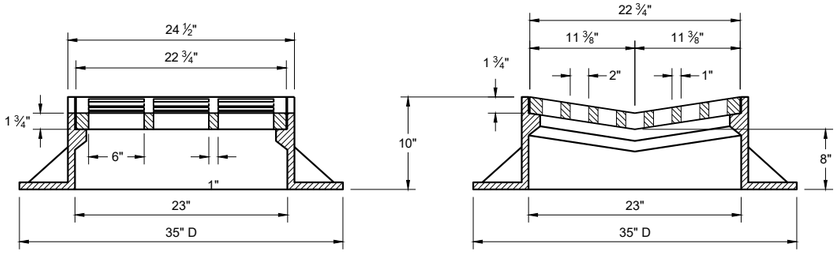
INLET COVERS
TYPES A, H, A-S, H-S AND Z

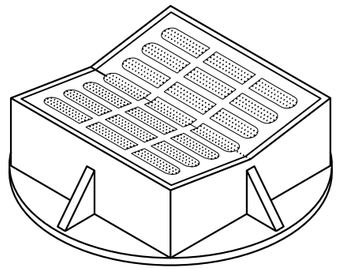
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025
DATE

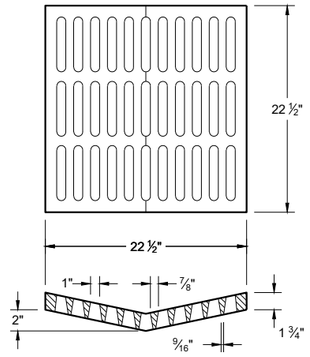
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA





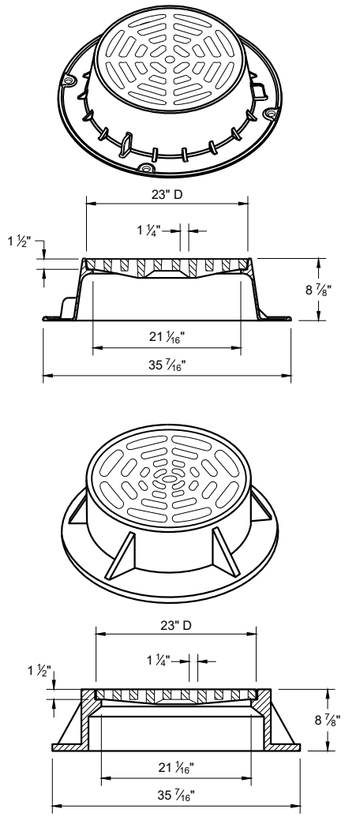
TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS POSSIBLE

NOTED AS TYPE B - A ON THE DRAINAGE TABLE



TYPE "C"

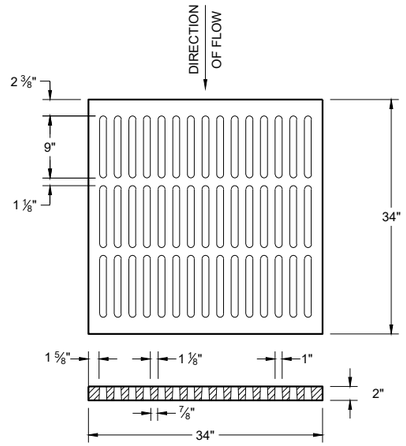
NOTE: EITHER CASTING IS ACCEPTABLE

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.

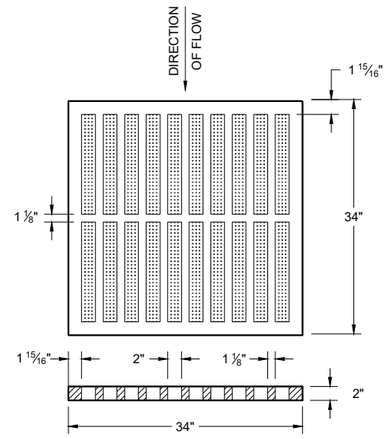
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS PERMITTED

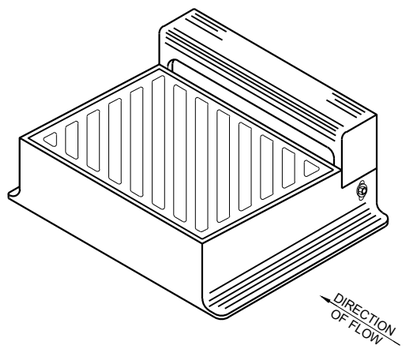
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



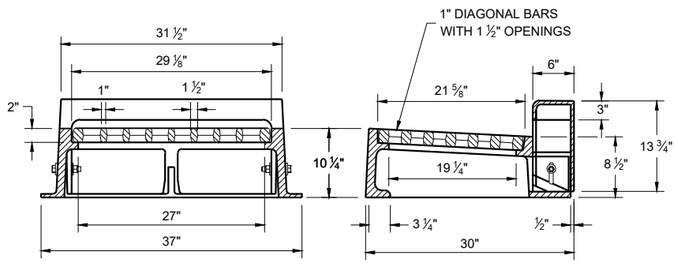
TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS

NOTED AS TYPE MS ON THE DRAINAGE TABLE

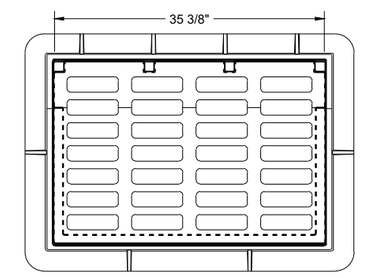


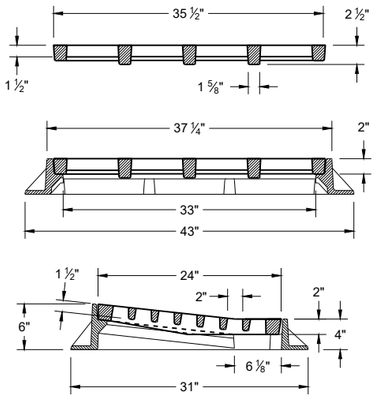
DIAGONAL SLOTS SHALL BE ORIENTEDTO THE DIRECTION OF FLOW AS ILLUSTRATED.
GRATES ARE MANUFACTURED TO BE REVERSIBLE.

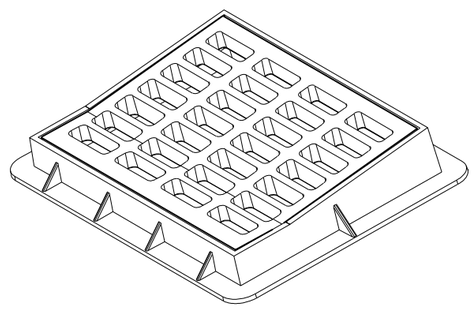


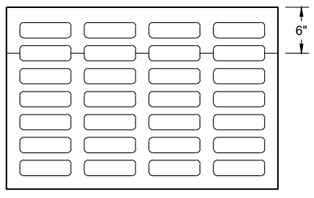
TYPE "WM"

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"









TYPE "DW"

NOTES: FOR USE IN A SUMP CONDITION. THIS OPTION IS ONLY TO BE USED IF NO OTHER INLETS ARE APPLICABLE.

INLET COVERS
TYPES B, B-A, C,
MS, MS-A ,DW AND WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

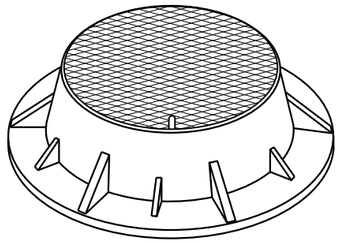
FHWA

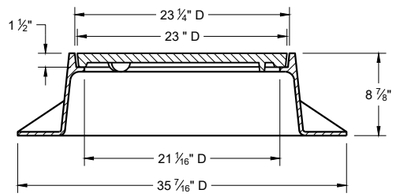
GENERAL NOTES

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 MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

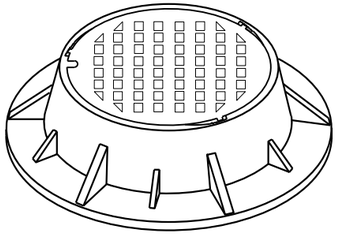
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

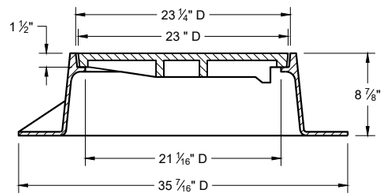




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

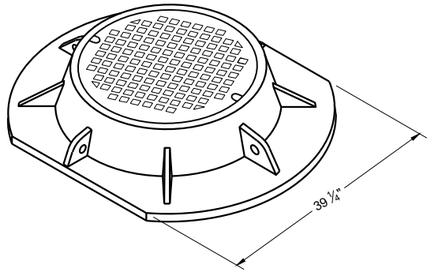


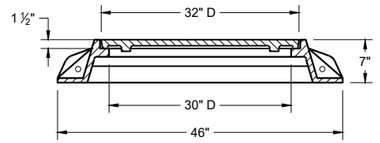


TYPE "J" SPECIAL

TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

NOTE: EITHER CASTING IS ACCEPTABLE





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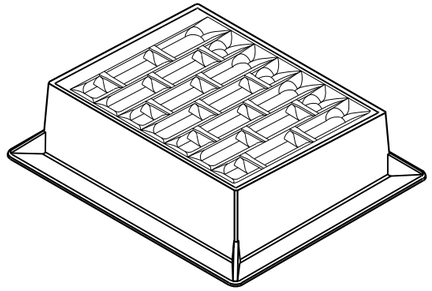
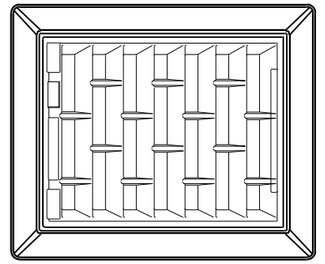
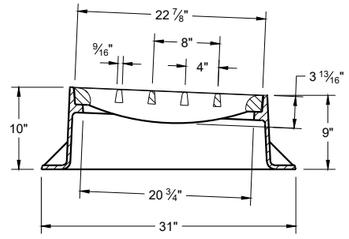
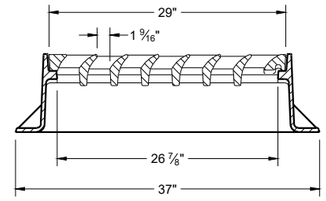
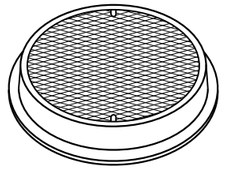


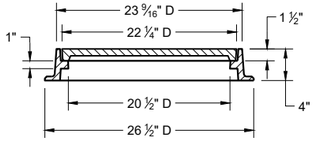




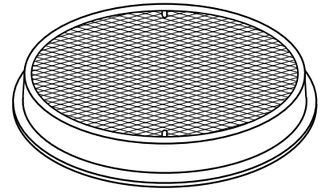


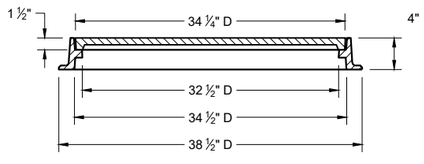
INLET COVER TYPE "BW"





TYPE "L"





TYPE "M"

INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

STATE OF WISCONSIN
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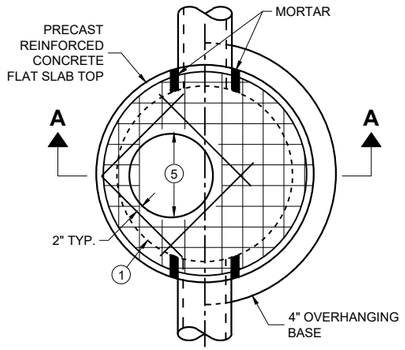
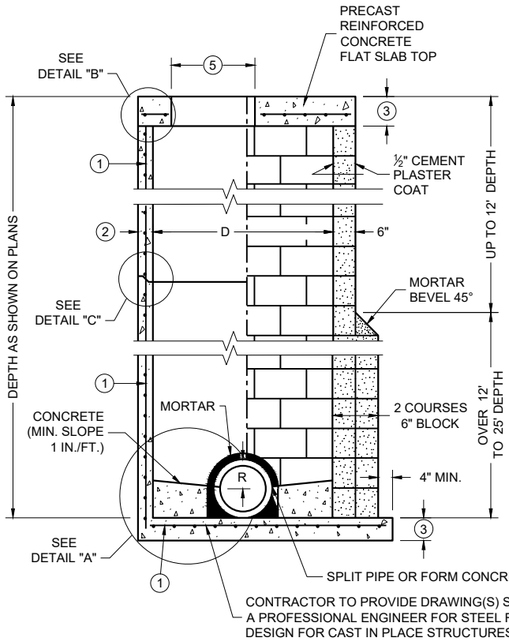
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA



PLAN VIEW

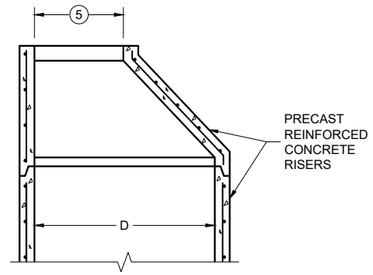
CIRCULAR OPENING



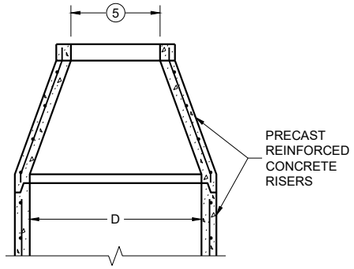
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

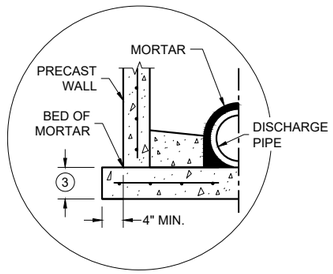
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



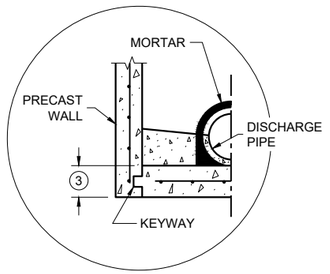
OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

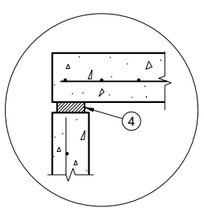


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

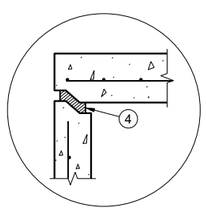


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

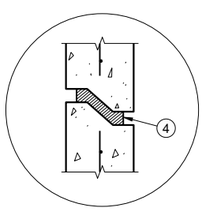
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"

MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) (5) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42 *	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE 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 DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE 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.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL 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.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

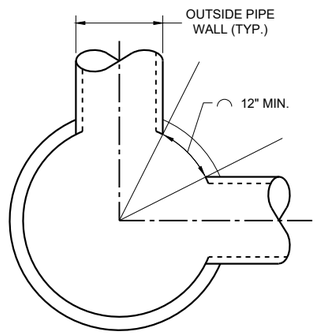
(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

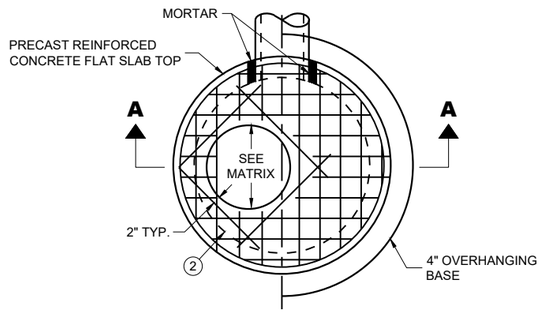
MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

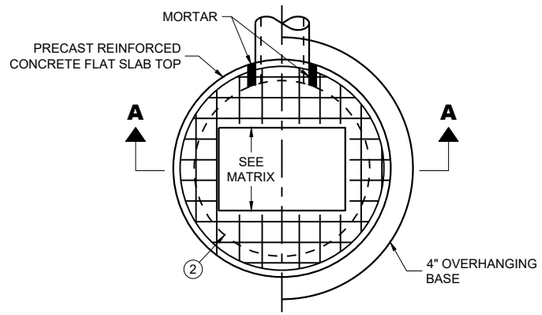
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

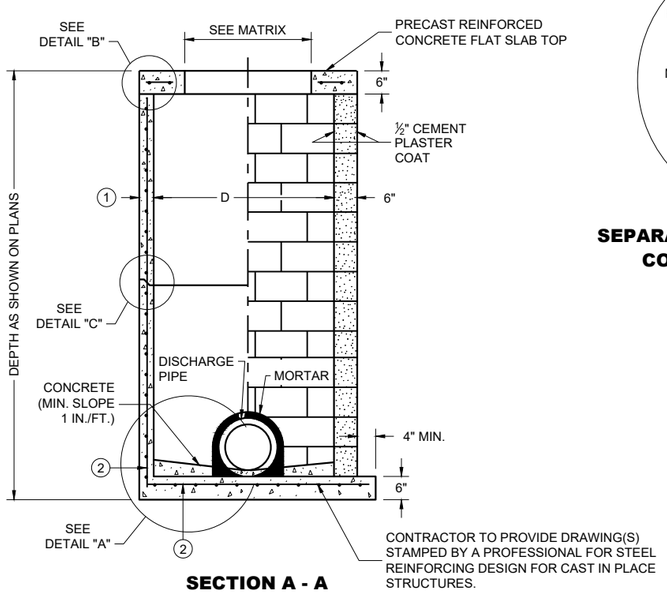
FHWA



PLAN VIEW CIRCULAR OPENING



PLAN VIEW RECTANGULAR OPENING



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

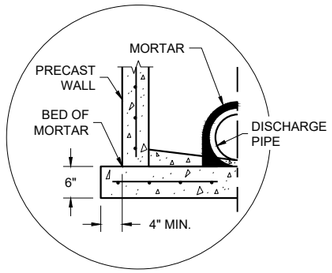
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

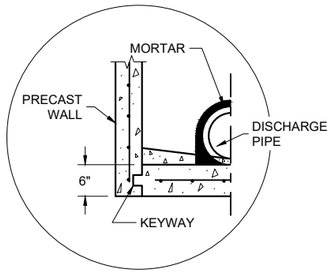
INLET SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V V-B	WM	Z
	OPENING SIZE (FT.)											
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

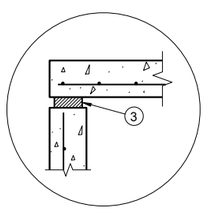


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

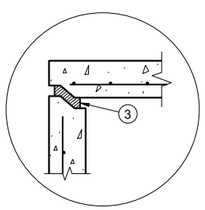


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

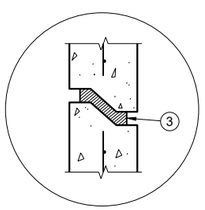
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

INLETS 3-FT AND 4-FT DIAMETER

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET 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 DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE 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.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

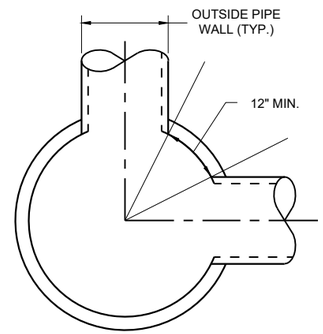
4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

(1) MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT DIAMETER AND 5 INCHES FOR 4-FT DIAMTER PRECAST INLETS.

(2) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(3) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

INLETS 3-FT AND 4-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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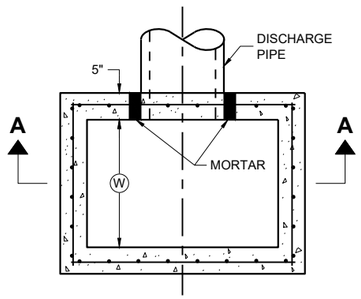
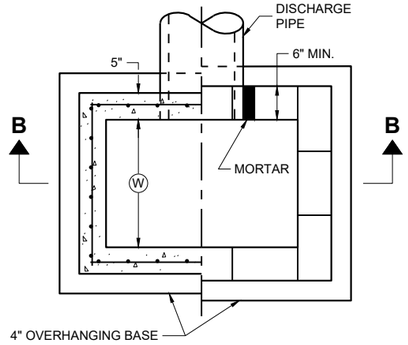
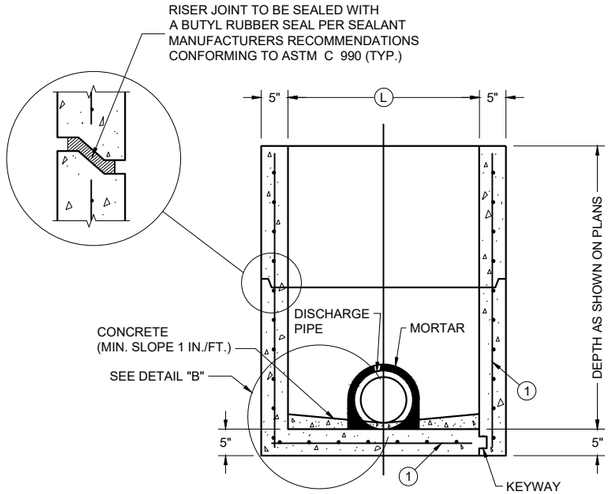
SDD 08C06-03



PLAN VIEW



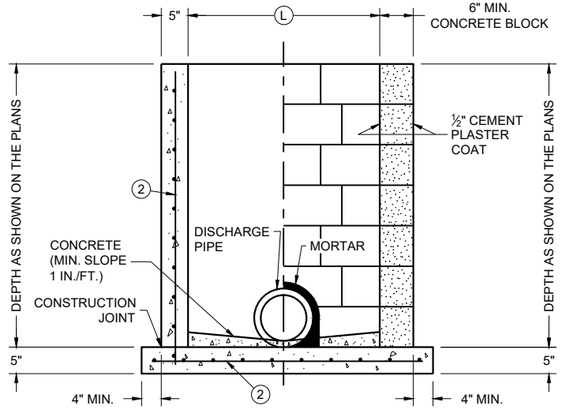
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

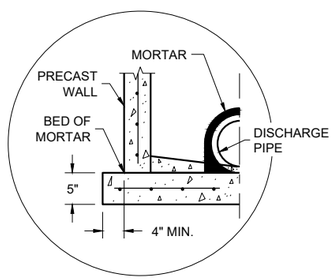
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

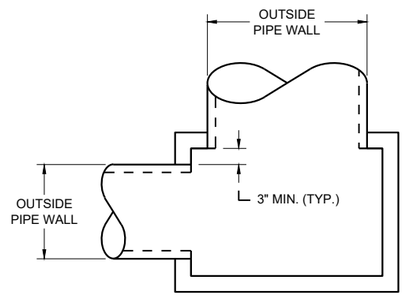
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

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 INLET 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 INLET 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 INLETS 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.

CATCH BASIN COVER MATRIX

INLET SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE									
			ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM	V V-B
2 X 2-FT	2	2	X	X				X				
2 X 2.5-FT	2	2.5			X			X	X	X	X	
2 X 3-FT	2	3					X					
2.5 X 3-FT	2.5	3				X						
2 X 3.5-FT	2	3.5										X

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2 X 2-FT	12	12
2 X 2.5-FT	12	18
2 X 3-FT	12	24
2.5 X 3-FT	18	24
2 X 3.5-FT	12	30

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

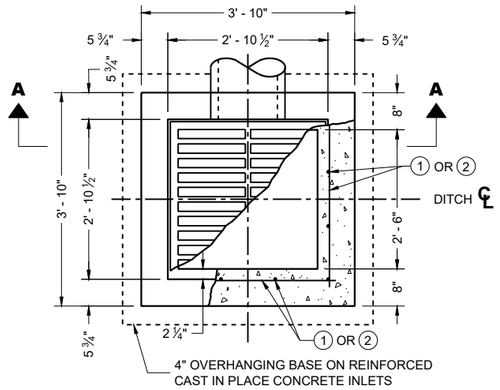
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

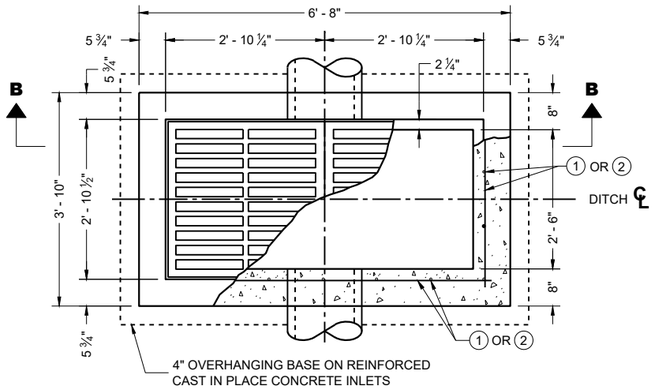
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

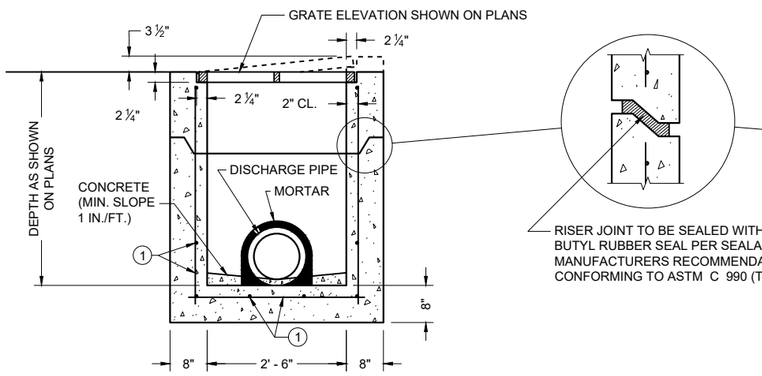
6
SDD 08C07-03



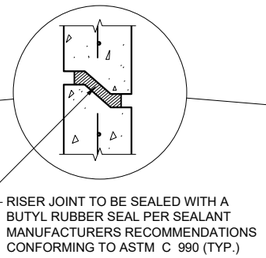
PLAN VIEW

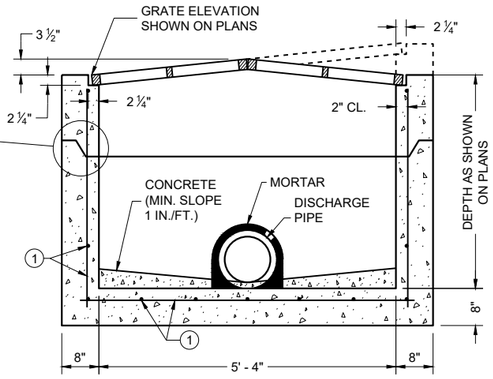


PLAN VIEW

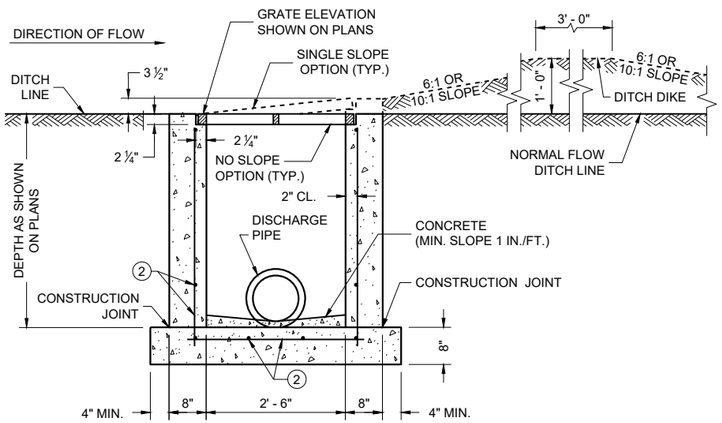


PRECAST REINFORCED CONCRETE SECTION A - A



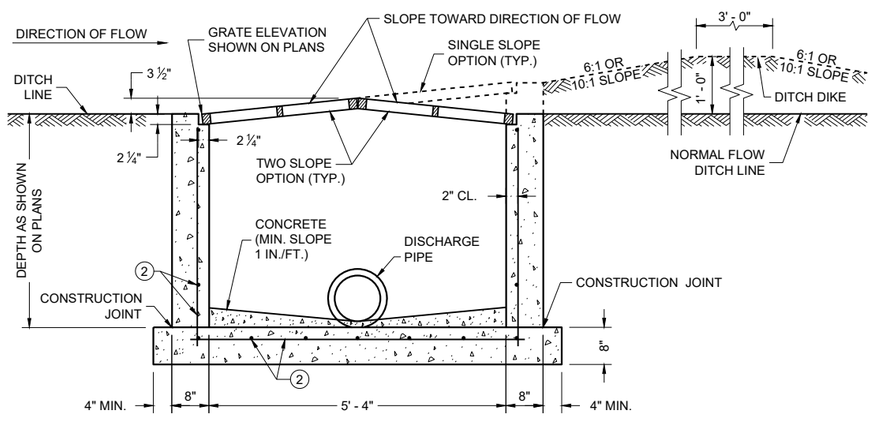


PRECAST REINFORCED CONCRETE SECTION B - B



REINFORCED CAST IN PLACE CONCRETE SECTION A - A

INLETS MEDIAN 1 GRATE



REINFORCED CAST IN PLACE CONCRETE SECTION B - B

INLETS MEDIAN 2 GRATE

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 INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE 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.

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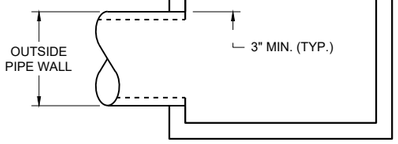
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS 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.



DETAIL "A"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42

INLETS
MEDIAN 1 AND 2 GRATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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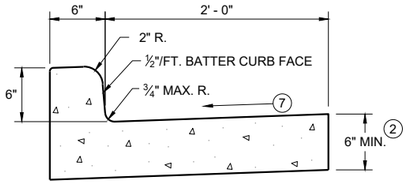
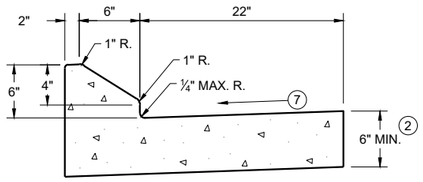
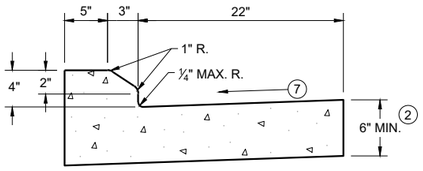
SDD 08C08-03



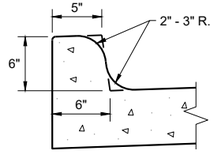
TYPES A (1) & D



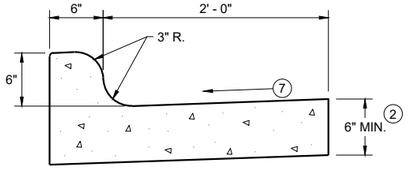
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

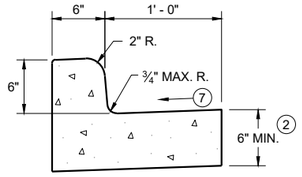


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



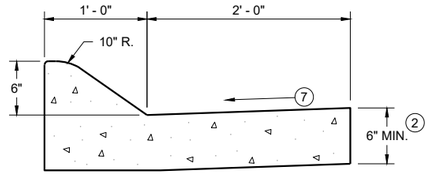
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

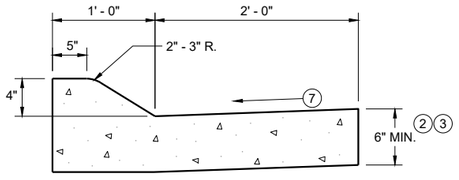


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

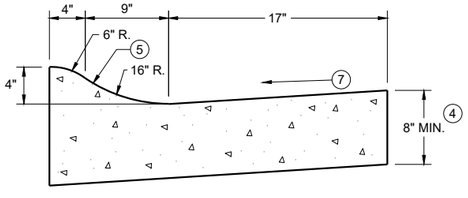


6" SLOPED CURB TYPES A (1) & D



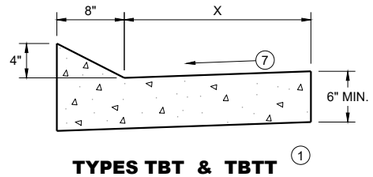
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

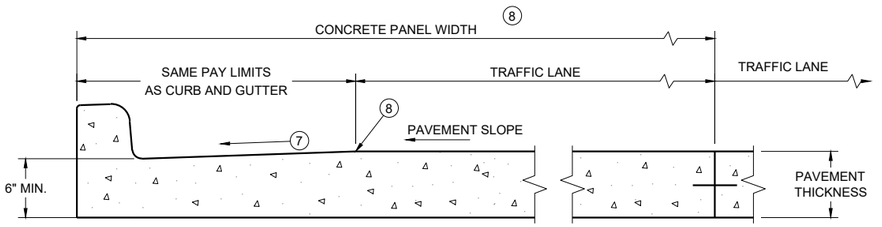


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

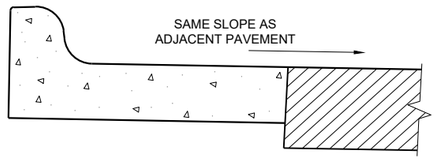
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

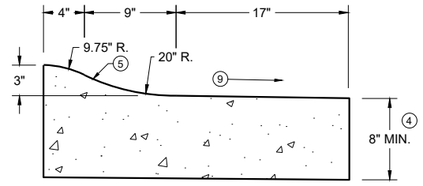
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(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) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



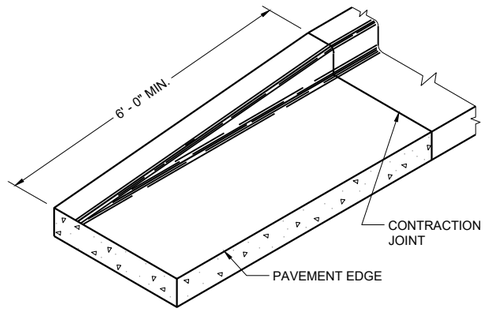
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

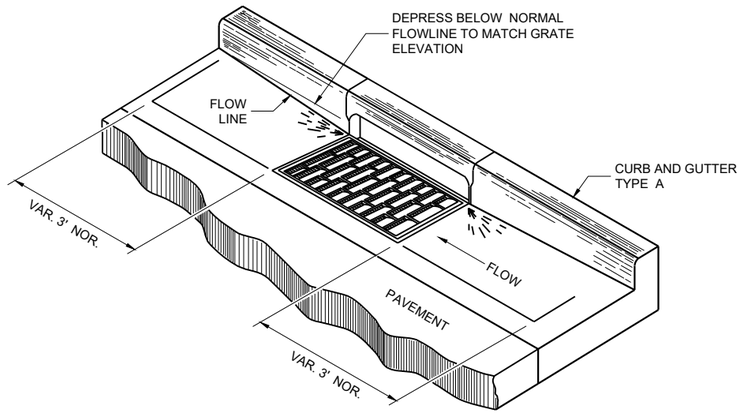
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-24a

6



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

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.

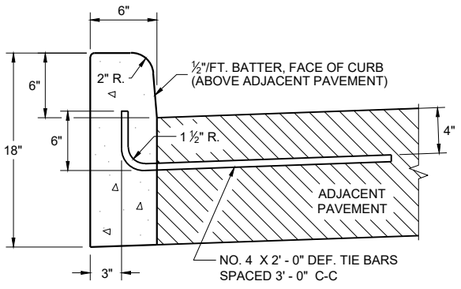
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

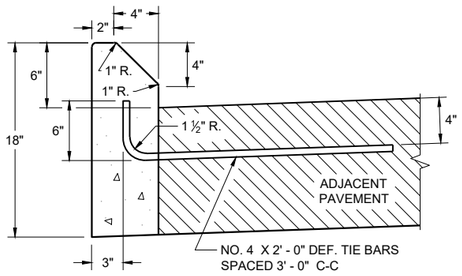
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

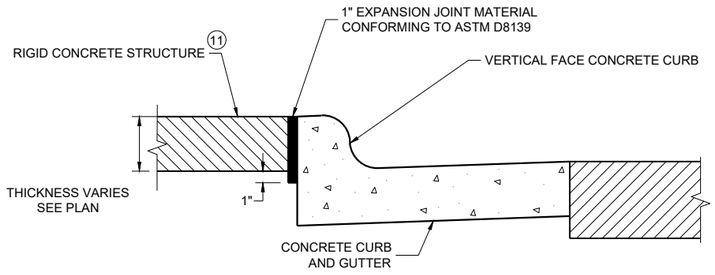


TYPES A (1) & D

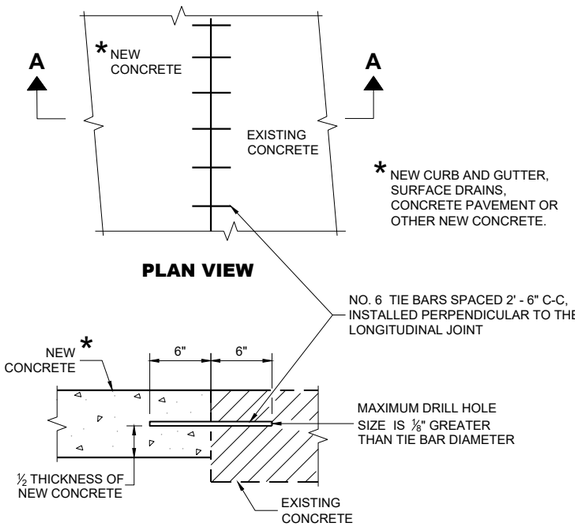


TYPES G (1) & J

CONCRETE CURB



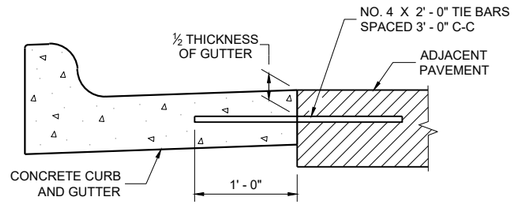
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



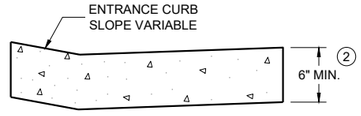
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

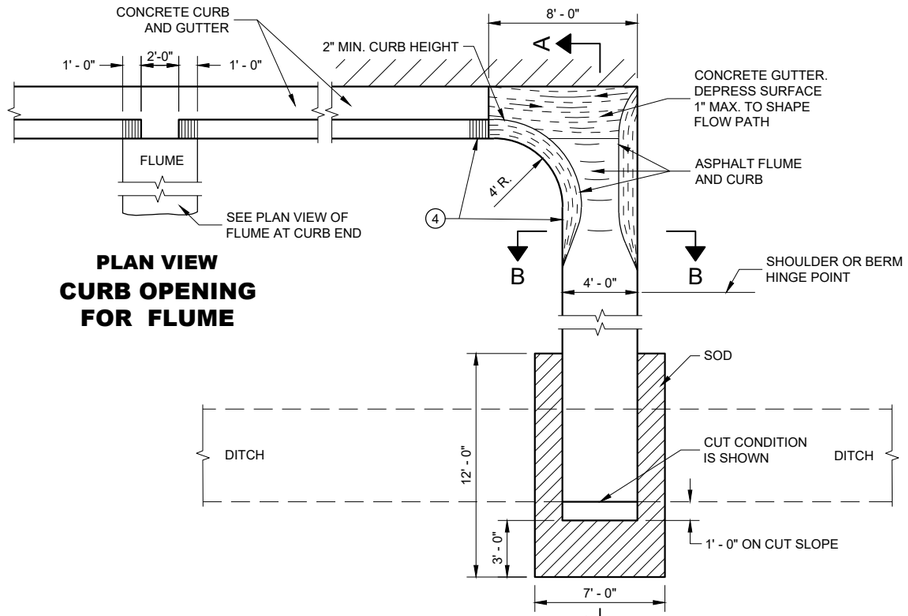
APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 08D01-24b

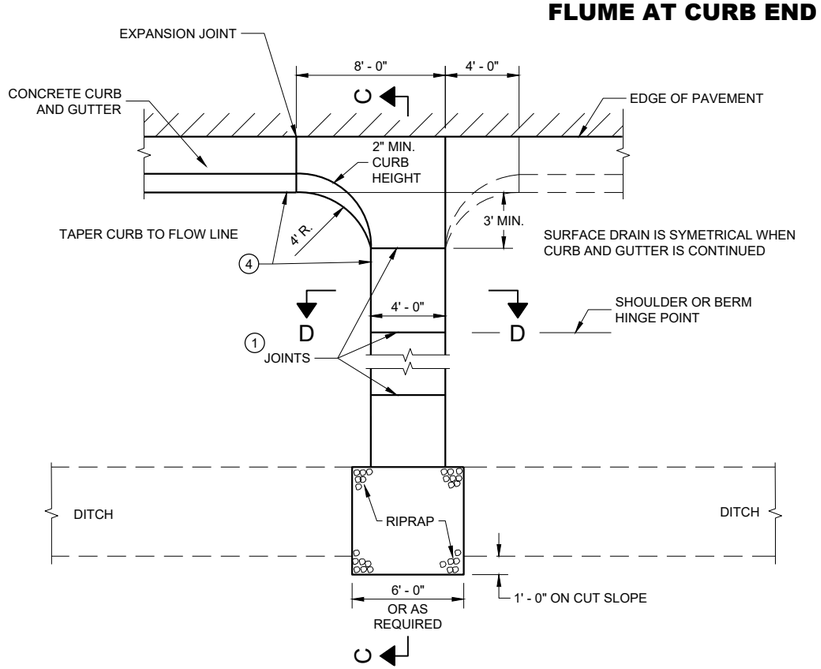
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



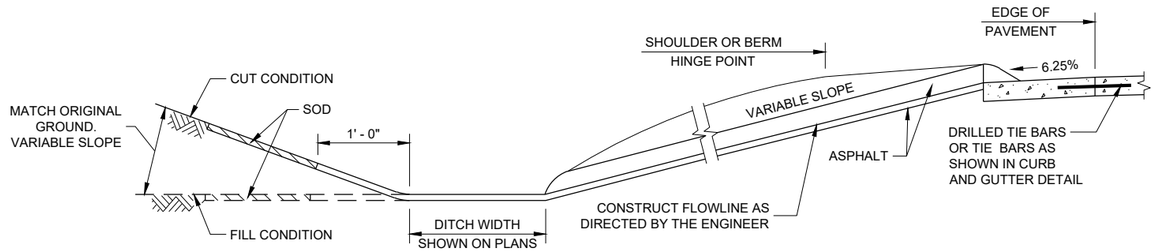
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

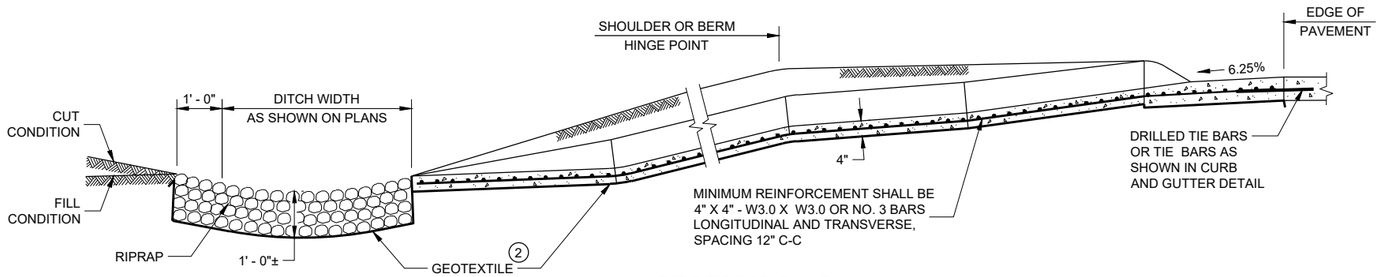
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

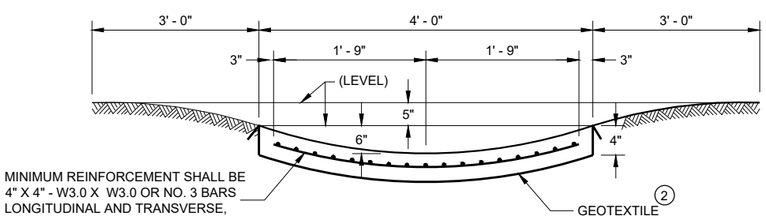


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 08D04 - 07

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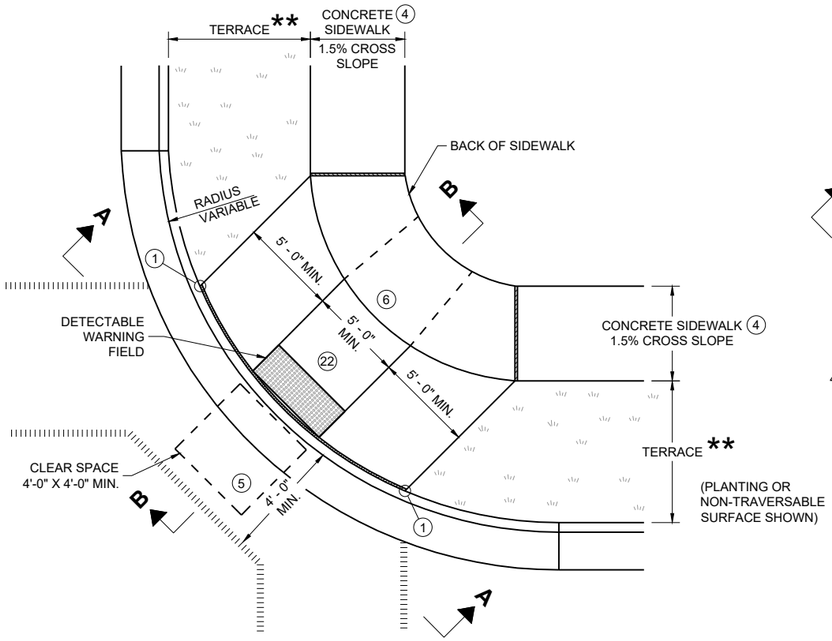
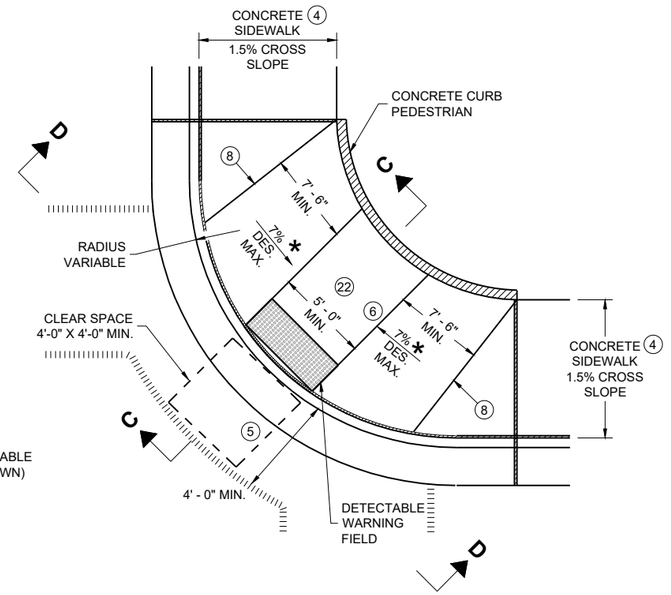
SDD 08D04 - 07



PLAN VIEW

CURB RAMP TYPE 1

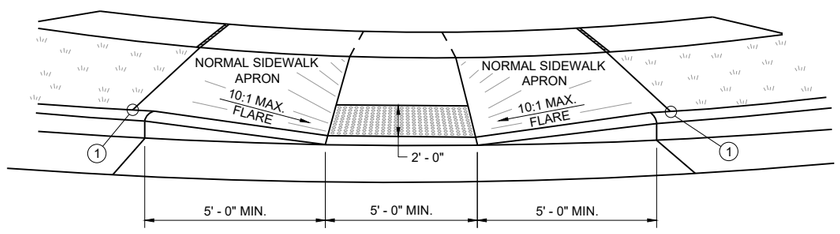
(CENTER OF CORNER RADIUS)



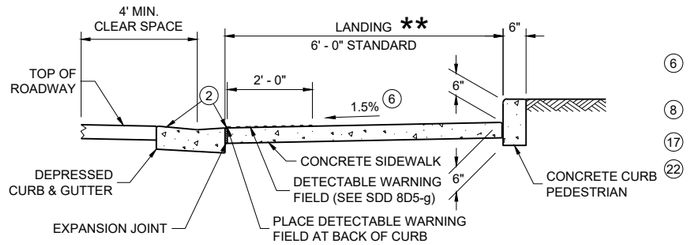
PLAN VIEW

CURB RAMP TYPE 1 - A

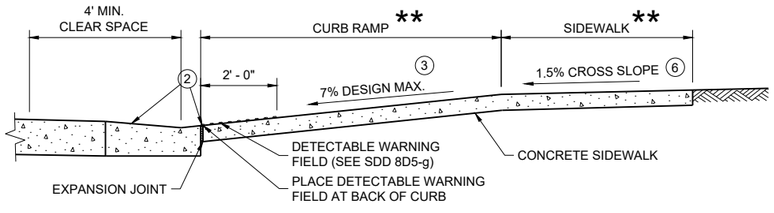
(NO TERRACE)



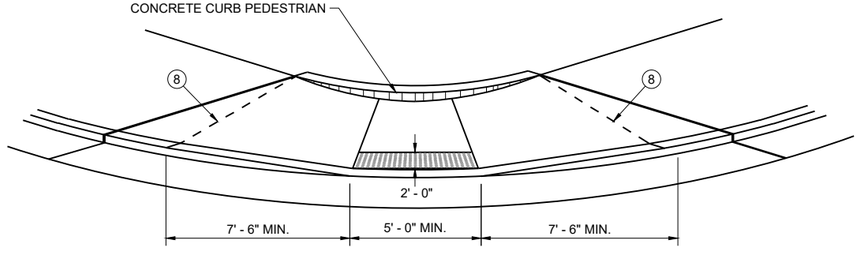
VIEW A - A FOR TYPE 1



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB 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 CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB 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 CURB 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 COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

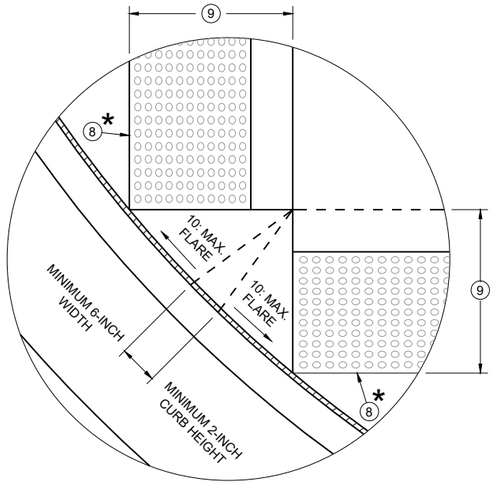
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

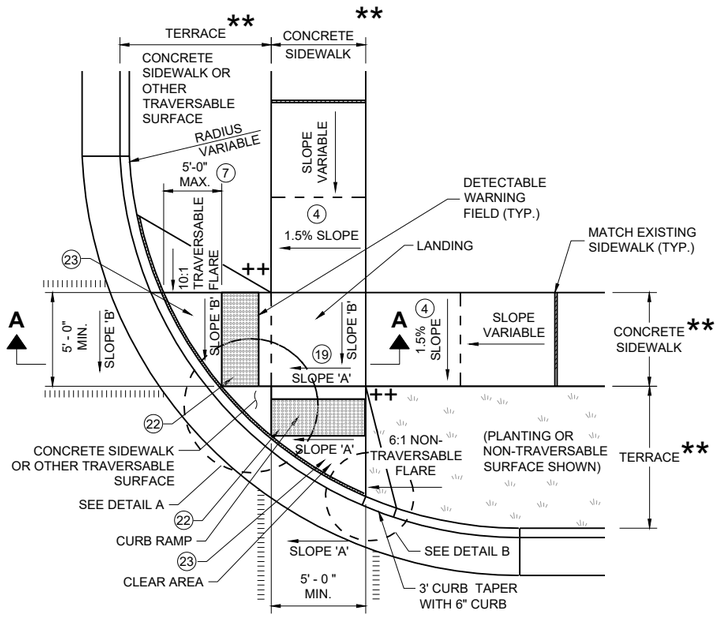
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



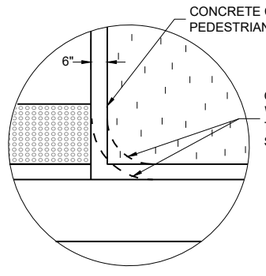
DETAIL A



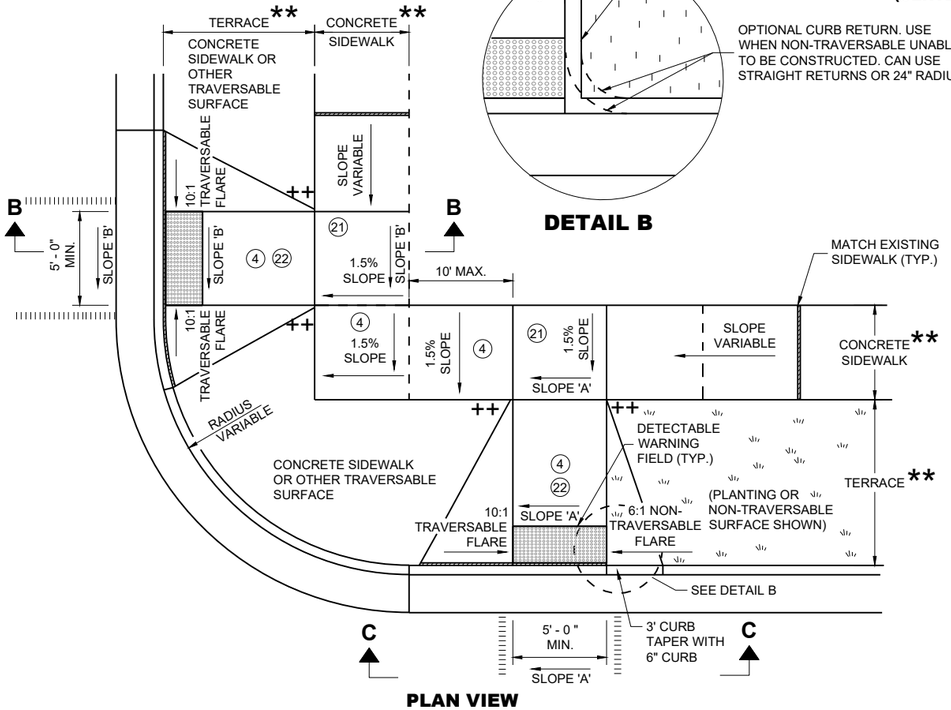
PLAN VIEW

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 CURB 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 COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(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% DESIGN MAXIMUM SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% DESIGN MAXIMUM SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

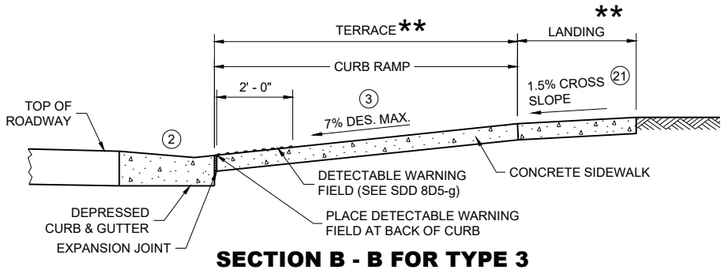
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

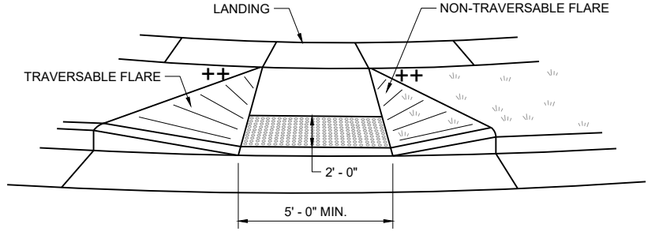
(21) PROVIDE A LANDING WITH A SLOPE PARALLEL TO ROADWAY THAT MATCHES SLOPE AT THE BOTTOM OF THE ADJACENT RAMP. SLOPE PERPENDICULAR TO ROADWAY SHALL BE 2.1% MAXIMUM. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

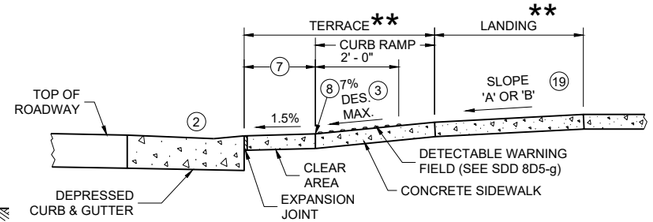
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3



SECTION A - A FOR TYPE 2

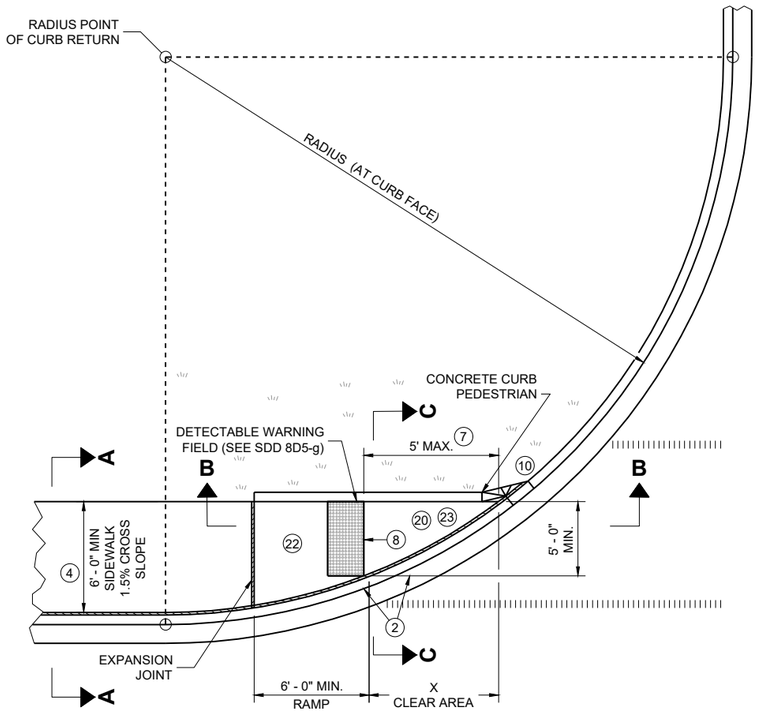
LEGEND

▨	½" EXPANSION JOINT SIDEWALK
- - - -	CONTRACTION JOINT SIDEWALK
ıllıllıllıllıl	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 08D05-22b



PLAN VIEW

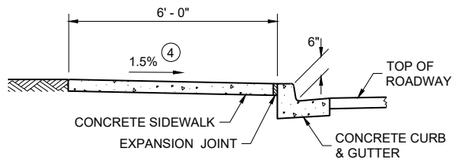
CURB RAMP TYPE 4A

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

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 CURB 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 COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(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.

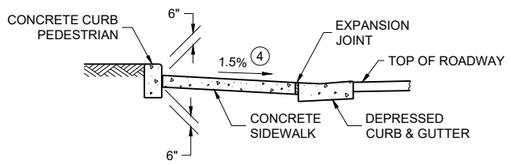
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

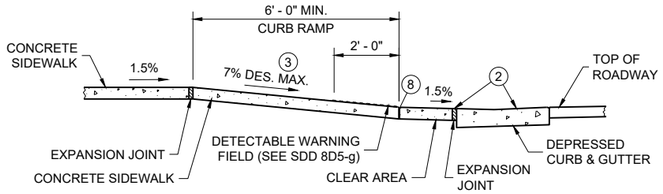
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

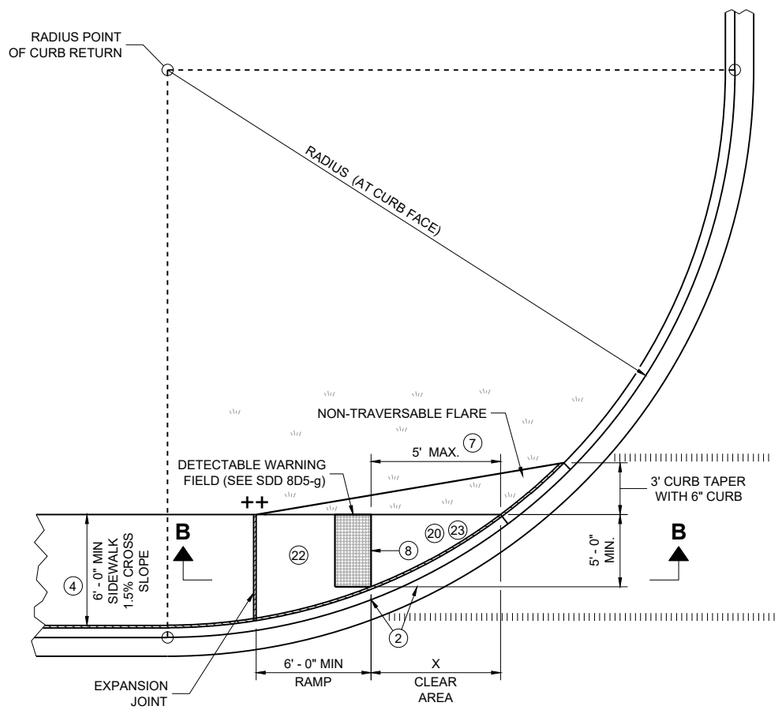
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



SECTION C - C FOR TYPE 4A

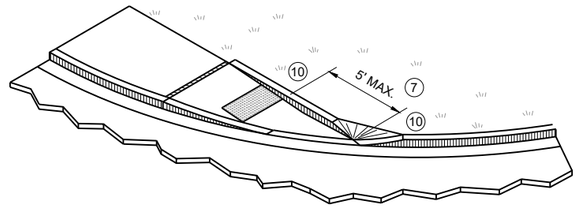


SECTION B - B FOR TYPE 4A AND TYPE 4A1

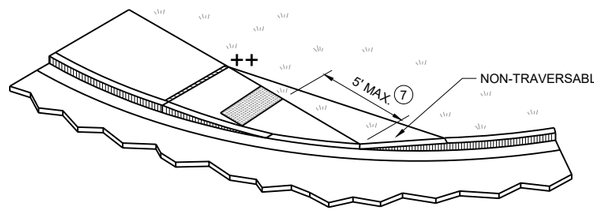


PLAN VIEW

CURB RAMP TYPE 4A1



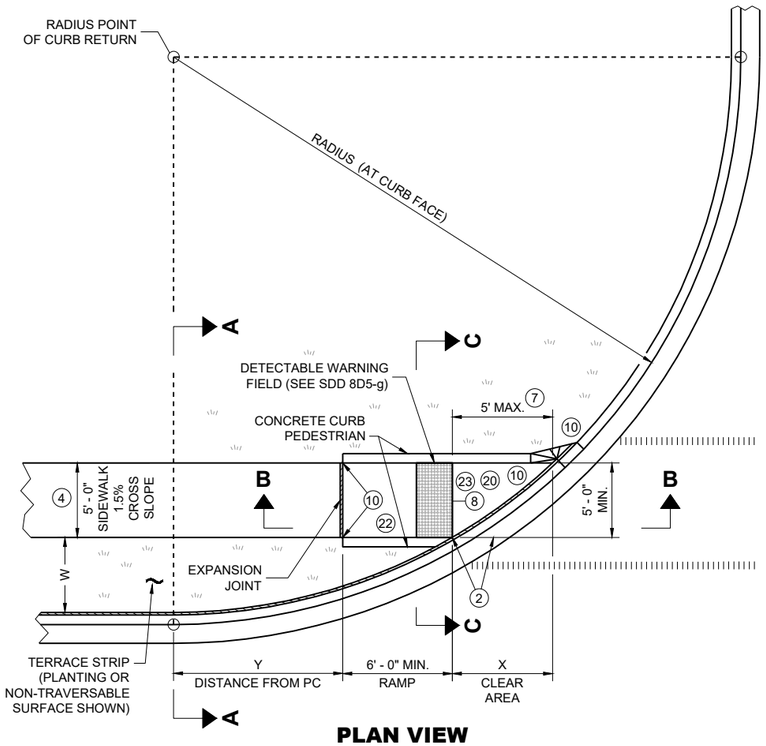
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

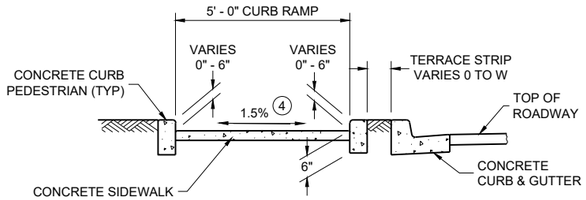
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET			4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET									4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET															4' - 10 ¾"	19' - 8 ¼"

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)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB 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 COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(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.

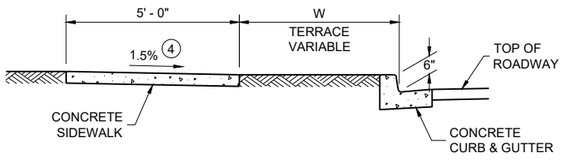
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

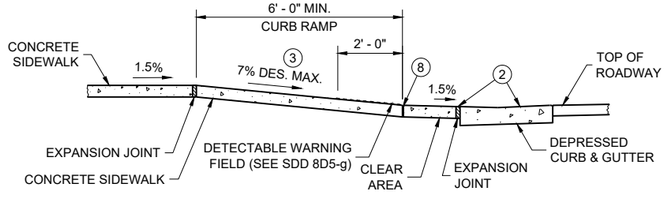
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

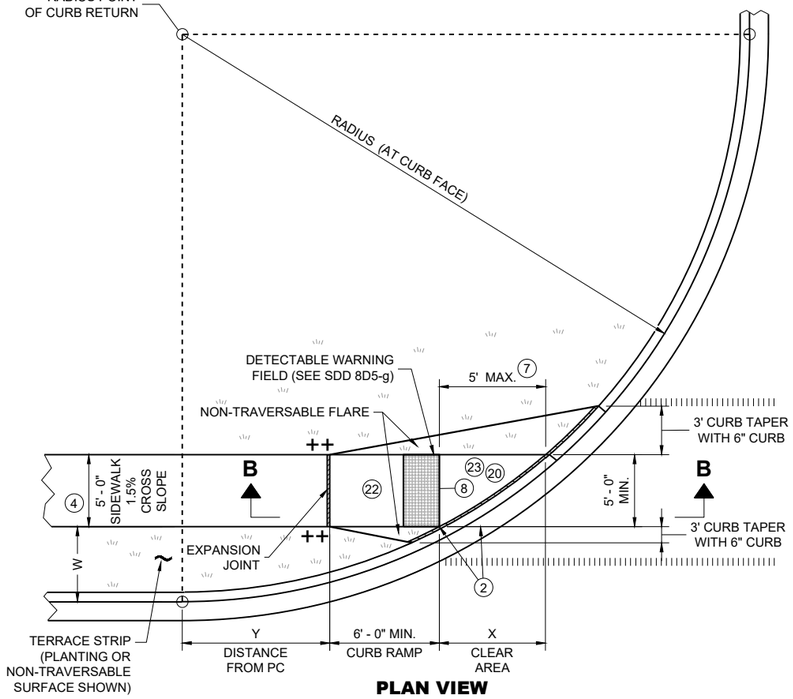
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



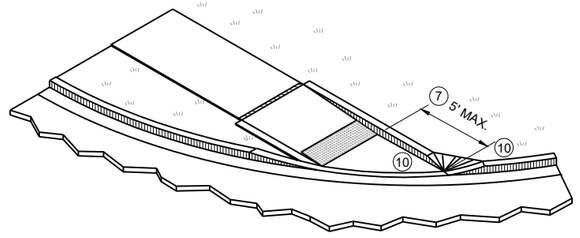
SECTION A - A FOR TYPE 4B



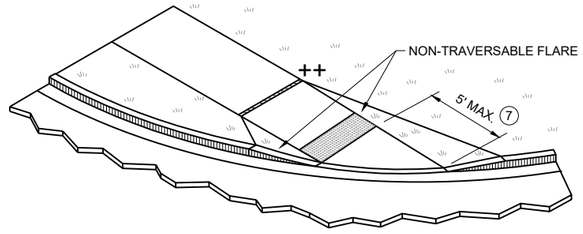
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



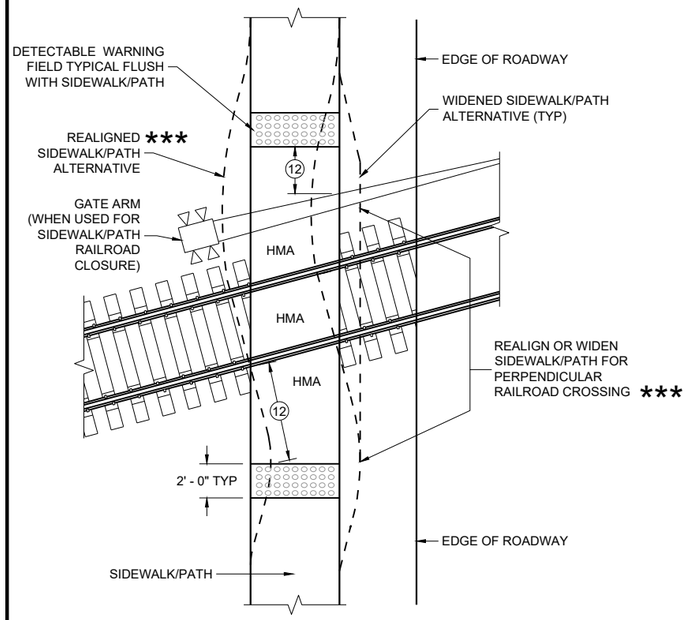
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

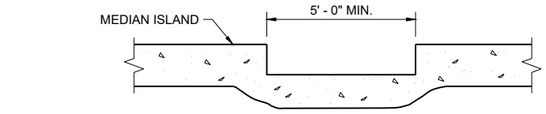
CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

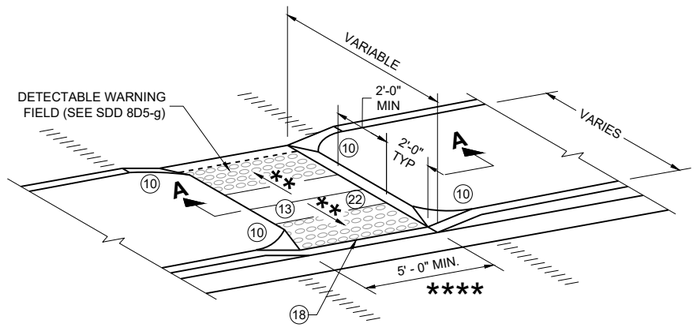


CURB RAMP TYPE 8

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 CURB 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 2.1%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(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.

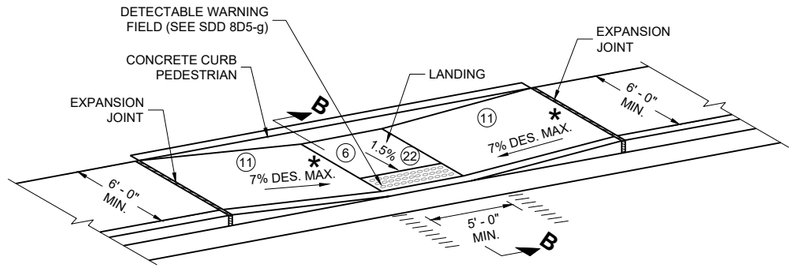
(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH, WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM 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.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

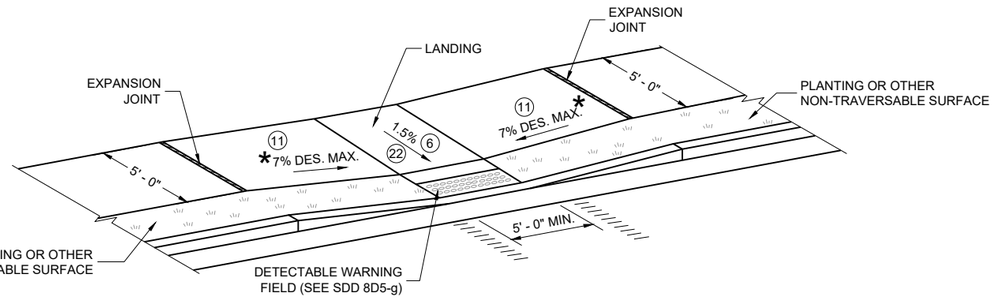
(18) WHEN THE DISTANCE BETWEEN THE BACK OF CURBS IS LESS THAN 6 FEET BUT THE FACE OF CURB TO FACE OF CURB DISTANCE IS 6 FEET OR GREATER THEN THE DETECTABLE WARNING FIELDS MAY BE MOVED SO THAT THE EDGE OF THE WARNING FIELD IS PLACED AT THE GUTTER FLOWLINE. MAINTAIN A MINIMUM OF TWO FEET BETWEEN DETECTABLE WARNING FIELD PANELS.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.



CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

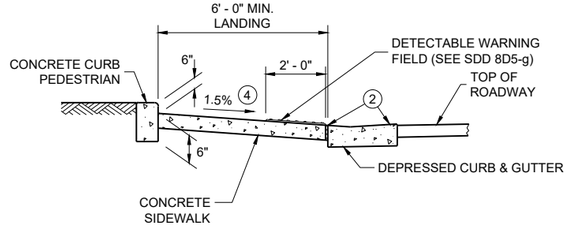
REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS

CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

LEGEND

═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT FIELD LOCATED
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 8.3%
**	1% MINIMUM (PROVIDE DRAINAGE)
***	DETAILS TO BE DETERMINED BY ENGINEER
****	FOR SHARED USE PATHS, WIDTH MUST BE AS WIDE AS THE CROSSWALK

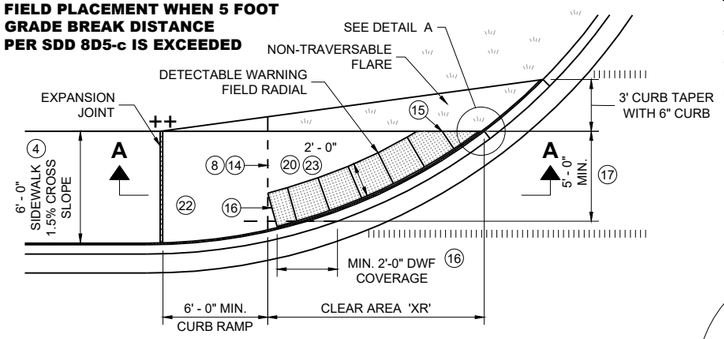


SECTION B - B FOR TYPE 7A

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

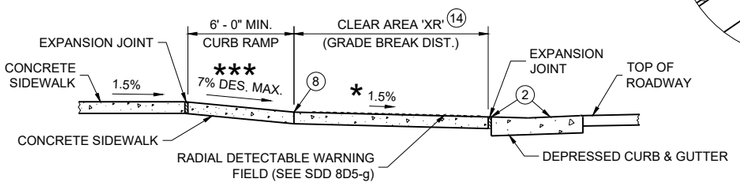
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 4A1

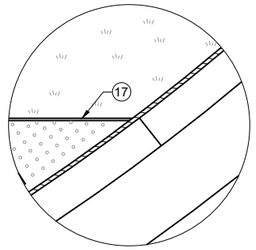
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION A - A FOR TYPE 4A1

LEGEND

═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
***	MAXIMUM 8.3%
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB 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 COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(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 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

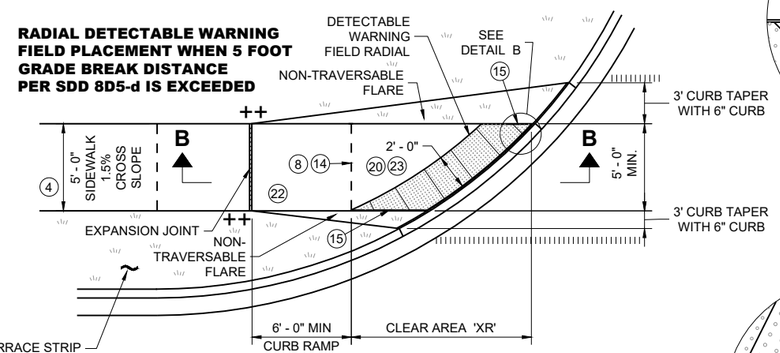
(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

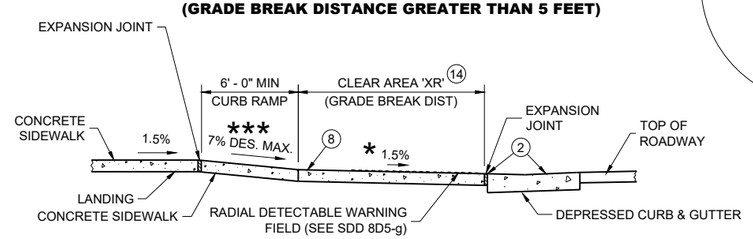
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



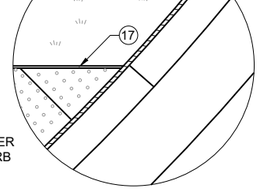
PLAN VIEW

CURB RAMP TYPE 4B1

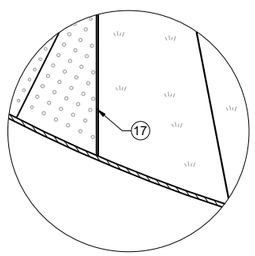
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION B - B FOR TYPE 4B1

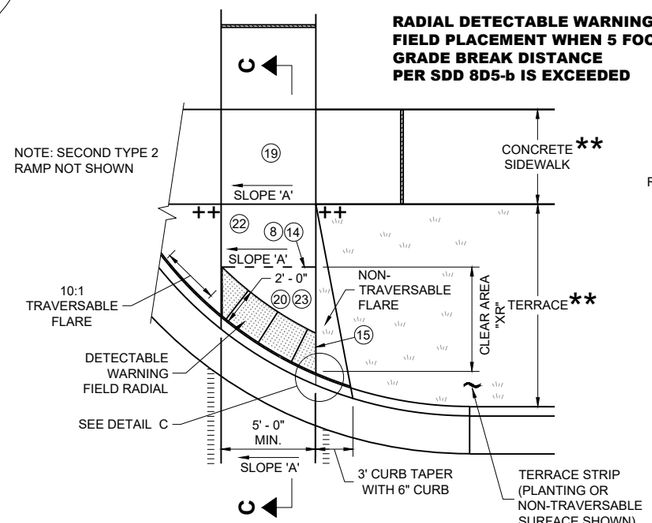


DETAIL B



DETAIL C

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

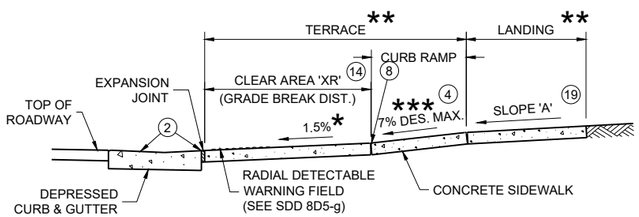


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)



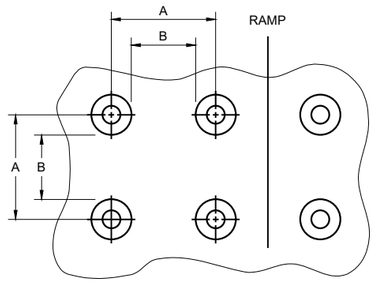
SECTION C - C FOR TYPE 2

CURB RAMPS
RADIAL DETECTABLE WARNING

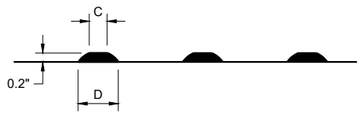
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

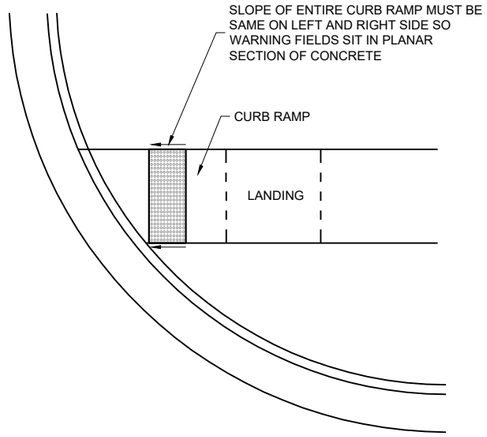
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



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.

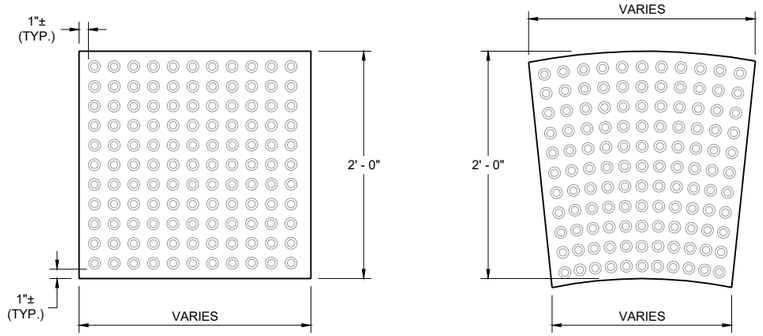
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. 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.

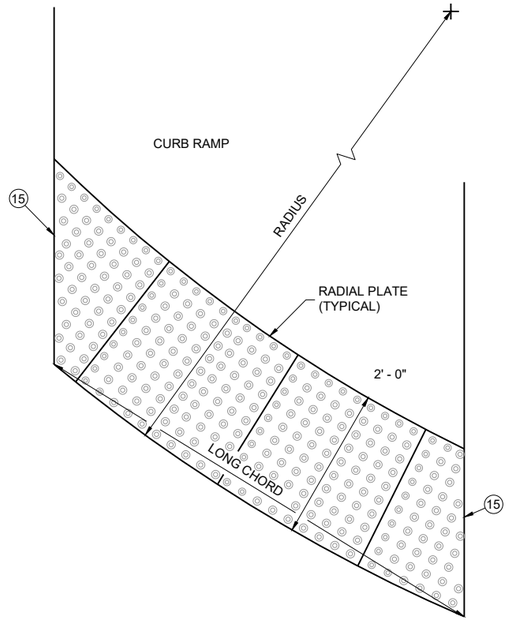
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



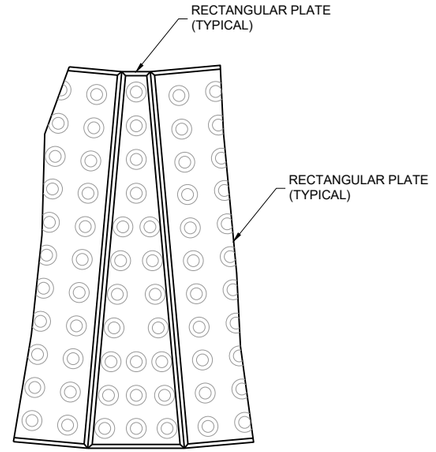
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

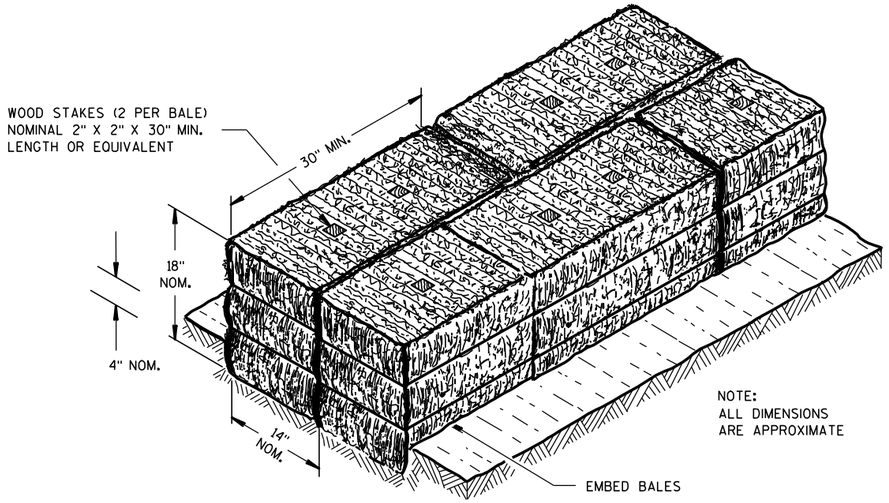
CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

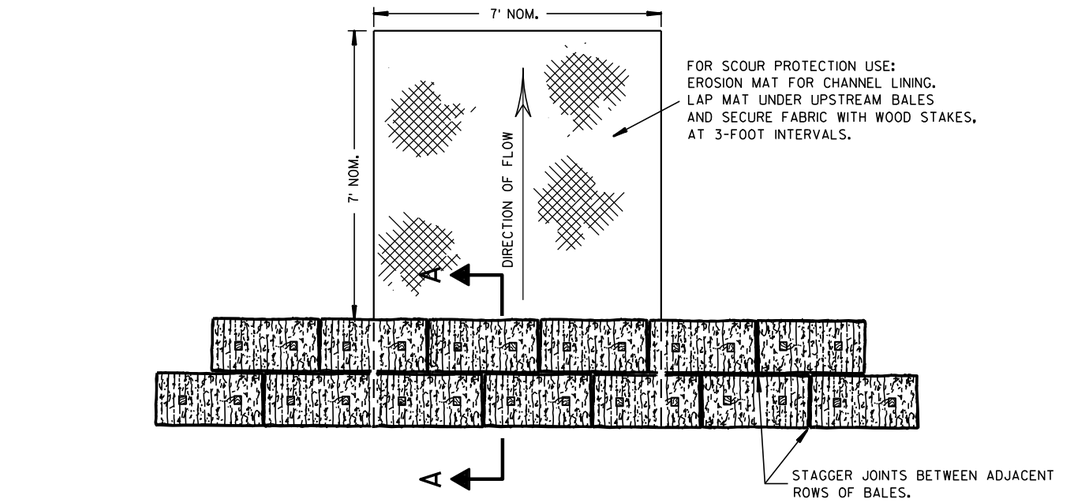
APPROVED
February 2025 — DATE
/S/ Rodney Taylor — <position>

FHWA

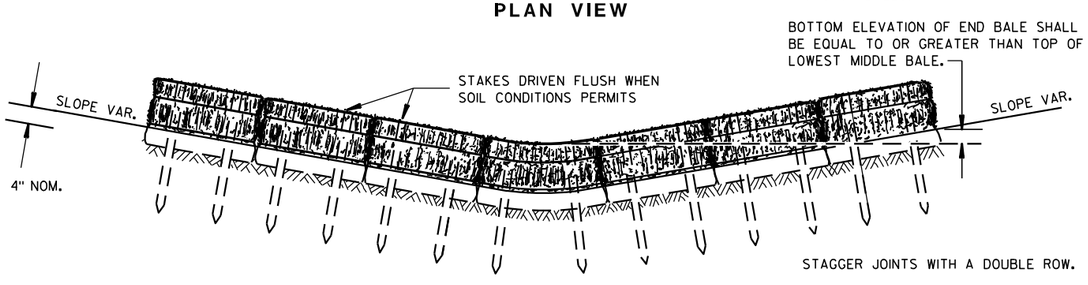
6
SDD 08D05-22g



SECTION A-A



PLAN VIEW



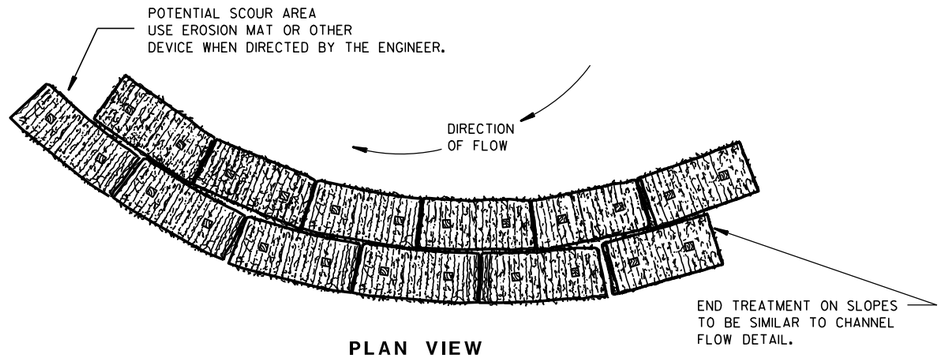
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

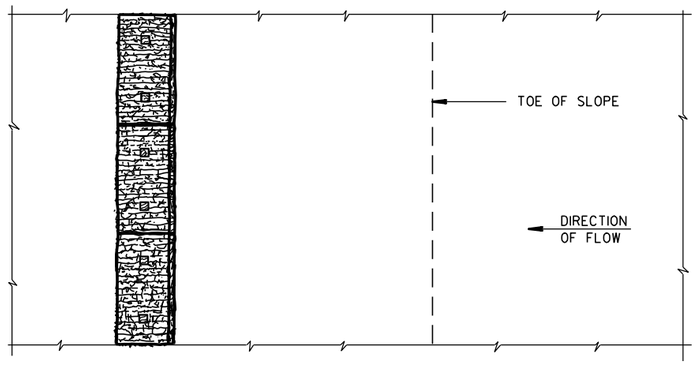
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(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.

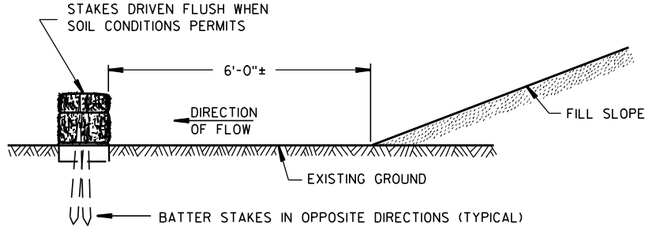


PLAN VIEW

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

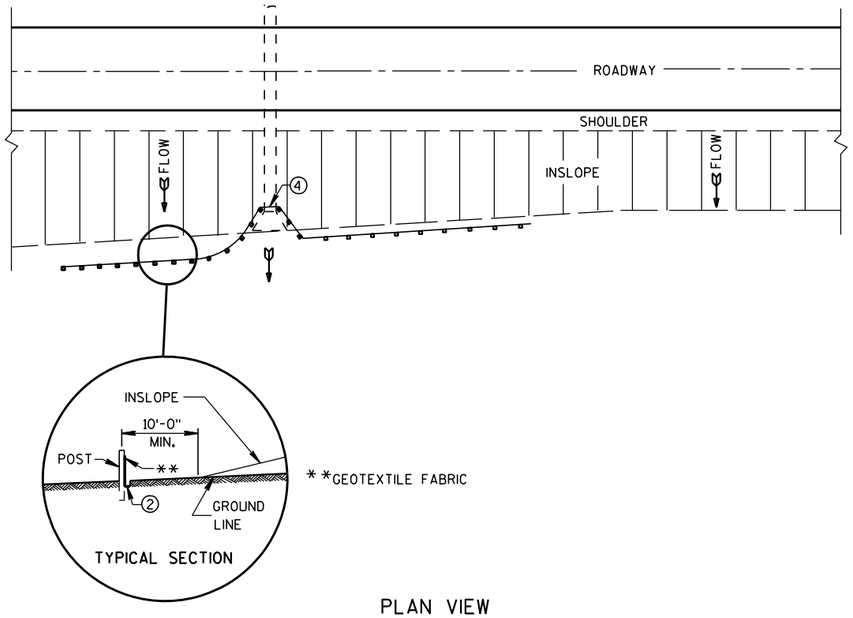
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

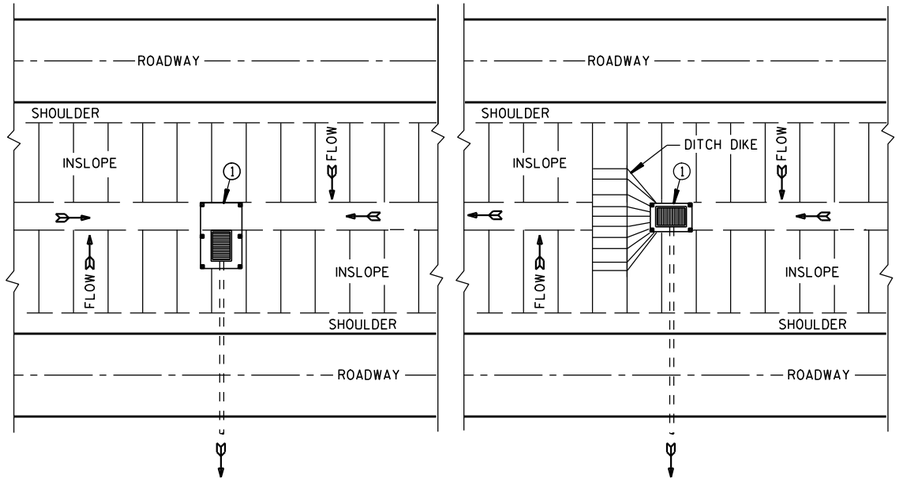
6

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.

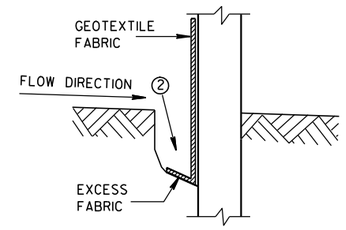
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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.

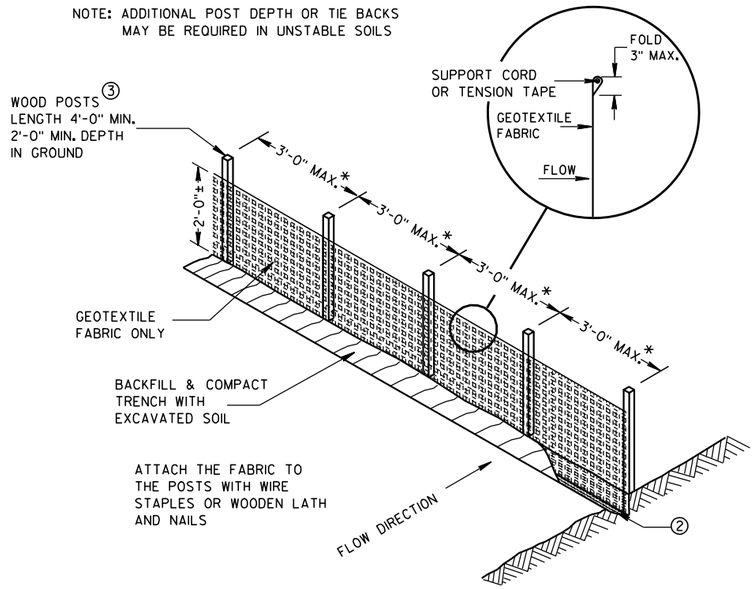
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

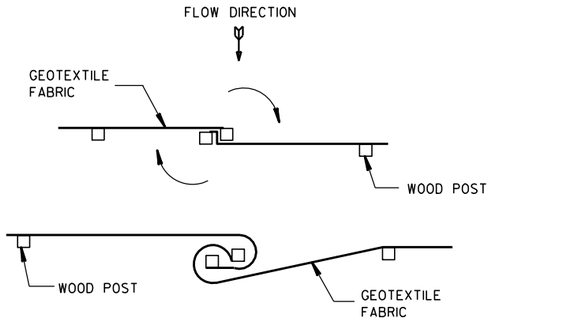
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



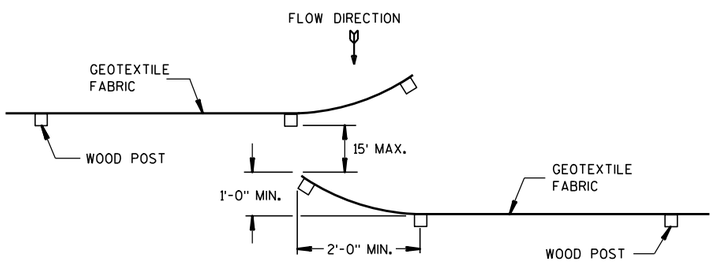
TRENCH DETAIL



SILT FENCE

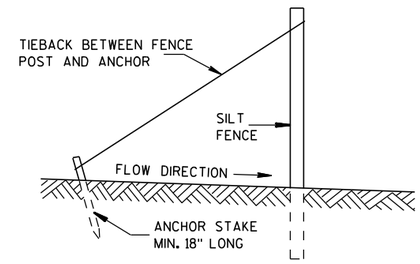


TWIST METHOD



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

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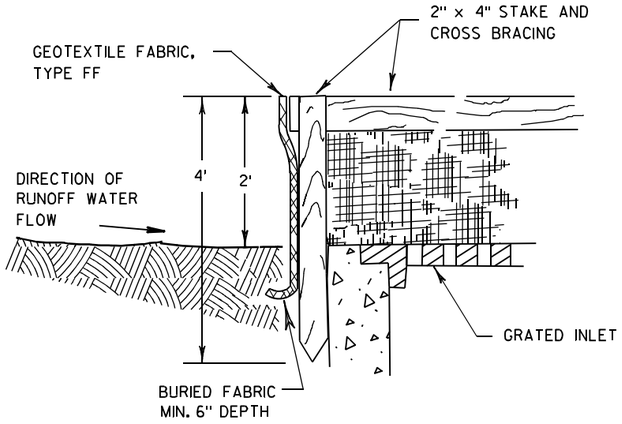
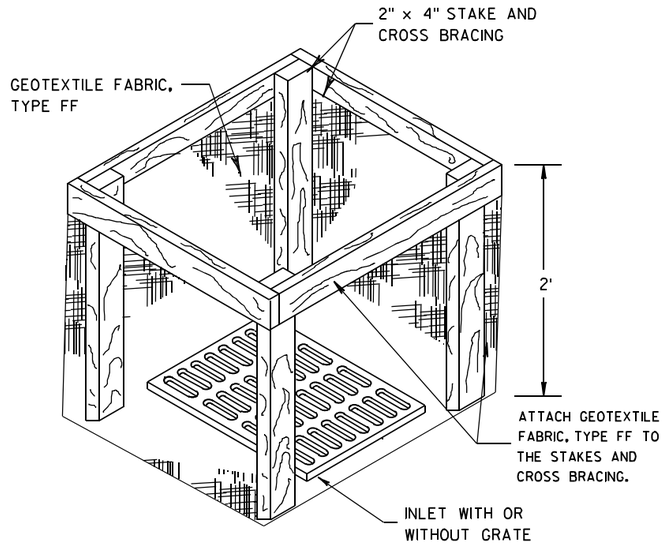
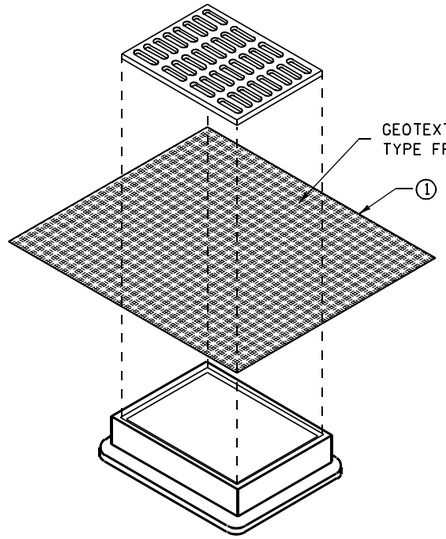
S.D.D. 8 E 9-6



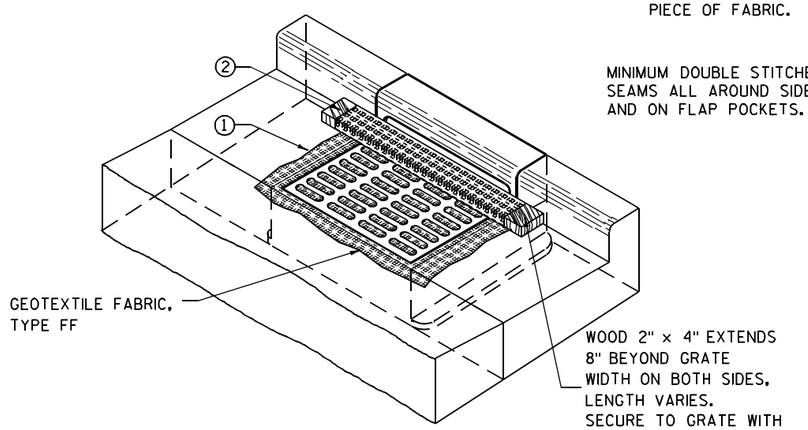


INLET PROTECTION, TYPE A

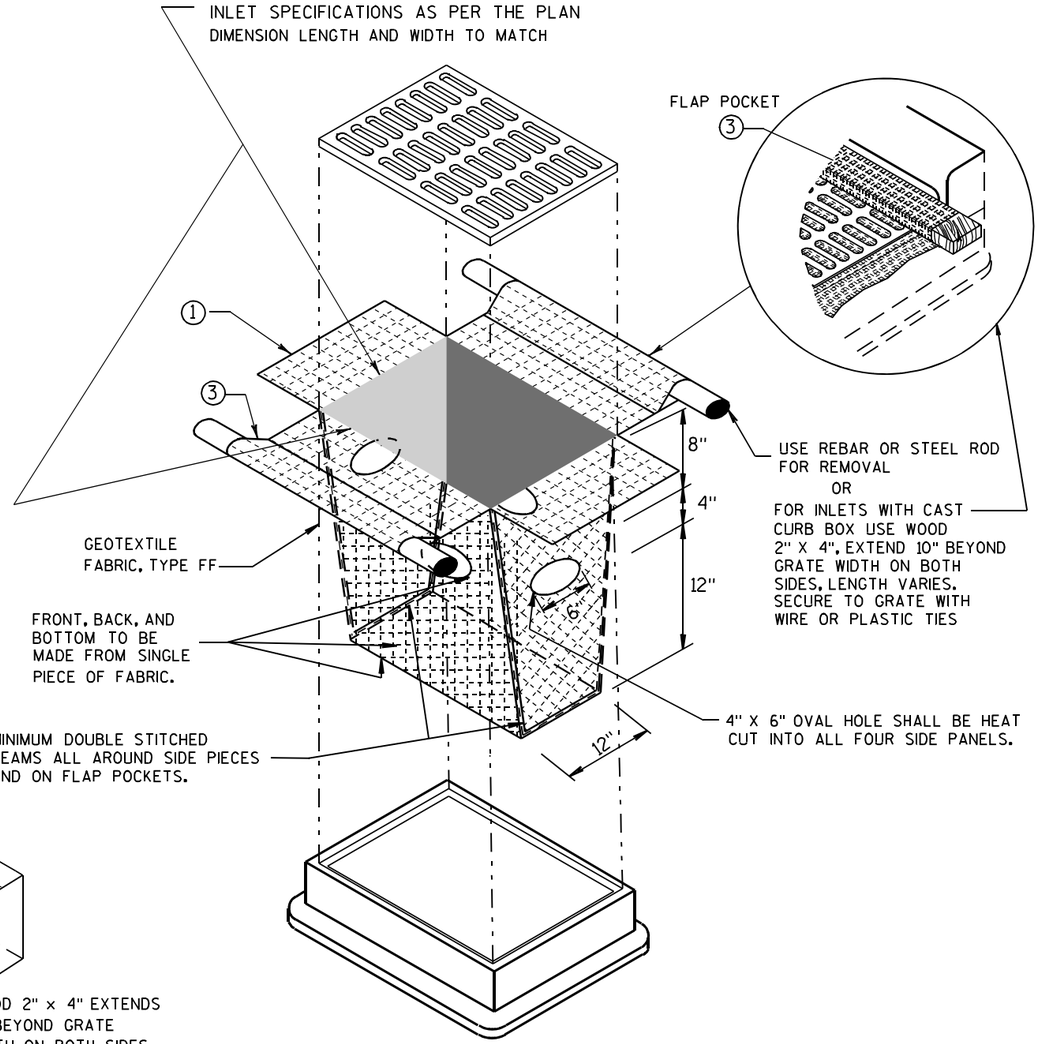


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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

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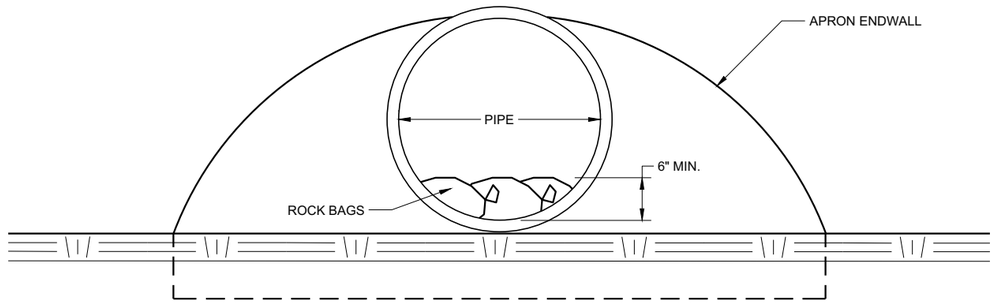
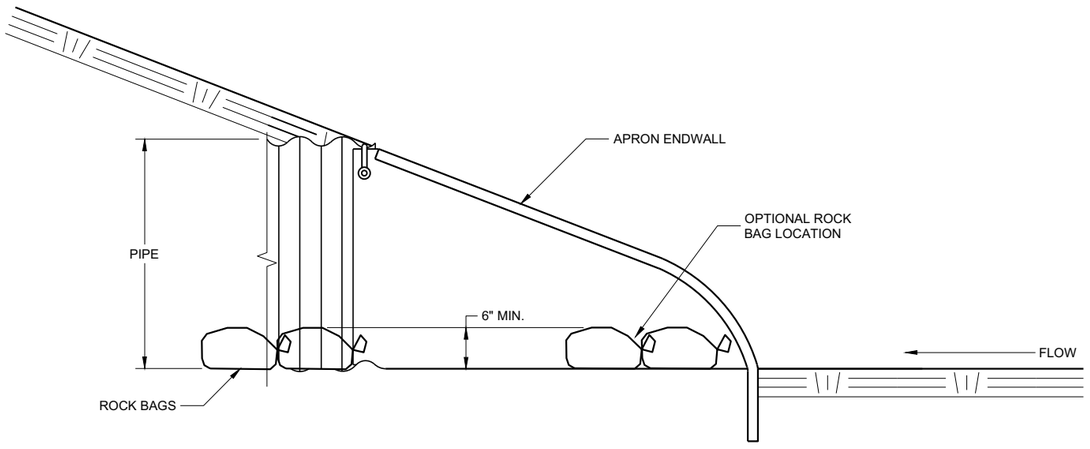
S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

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SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

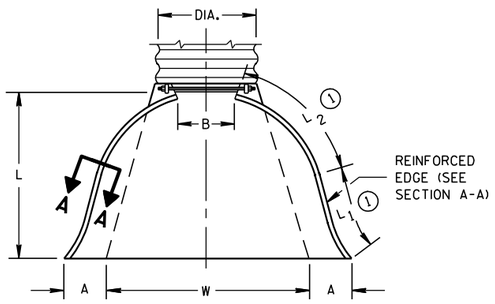
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	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

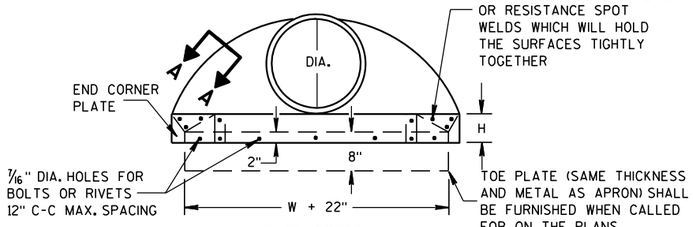
REINFORCED CONCRETE APRON ENDWALLS

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

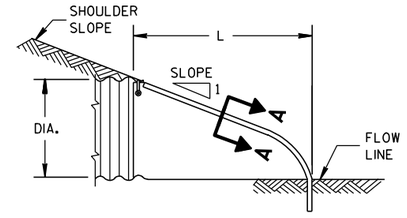
*MINIMUM
**MAXIMUM



PLAN VIEW

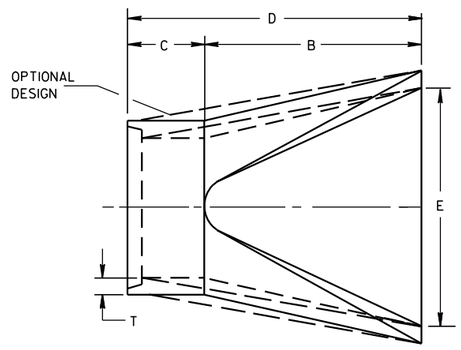


END VIEW

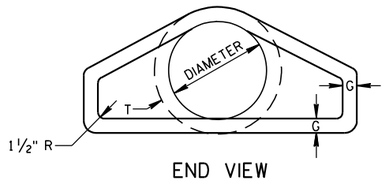


SIDE ELEVATION

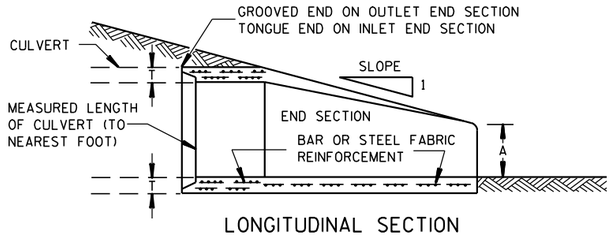
METAL ENDWALLS



PLAN

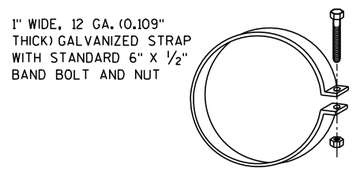


END VIEW



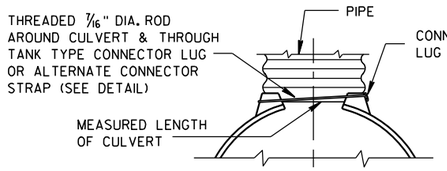
LONGITUDINAL SECTION

CONCRETE ENDWALLS

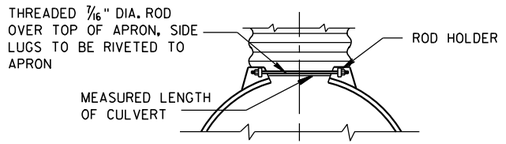


ALTERNATE FOR TYPE 1 CONNECTION

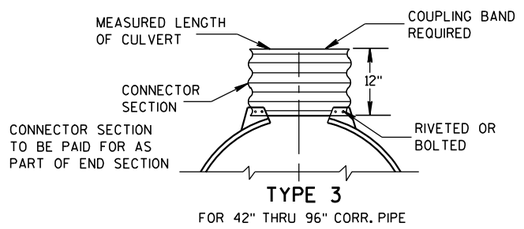
END SECTION CONNECTOR STRAP



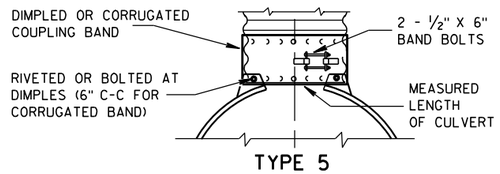
TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

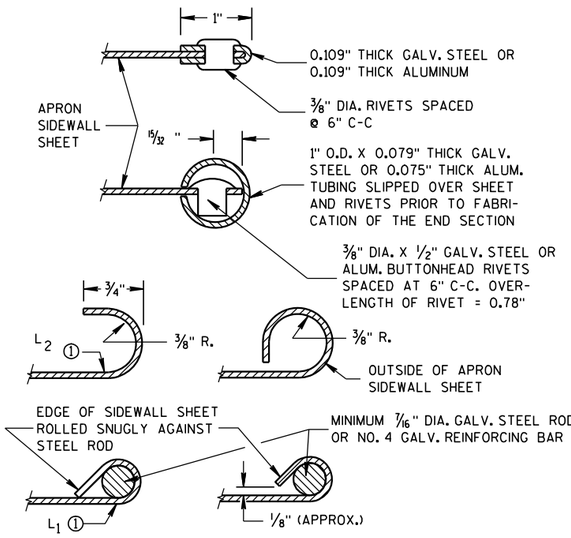
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

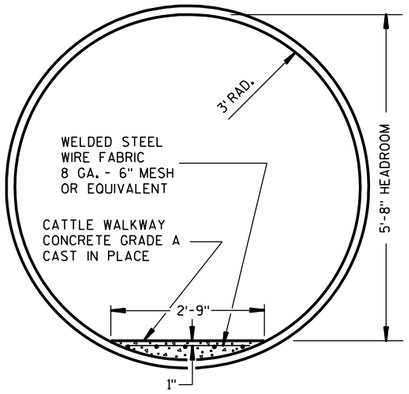
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

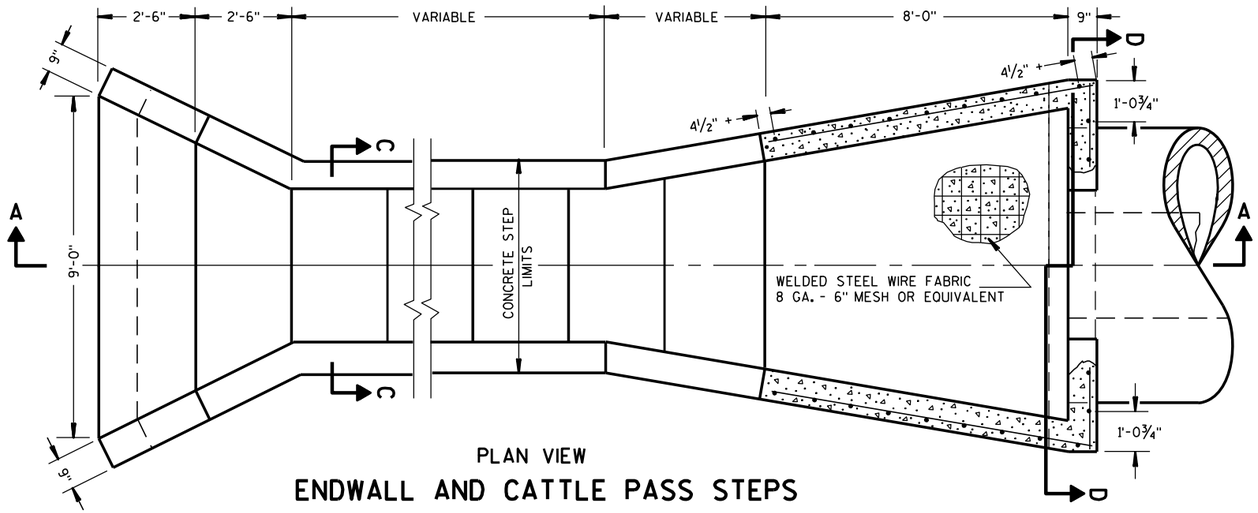
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



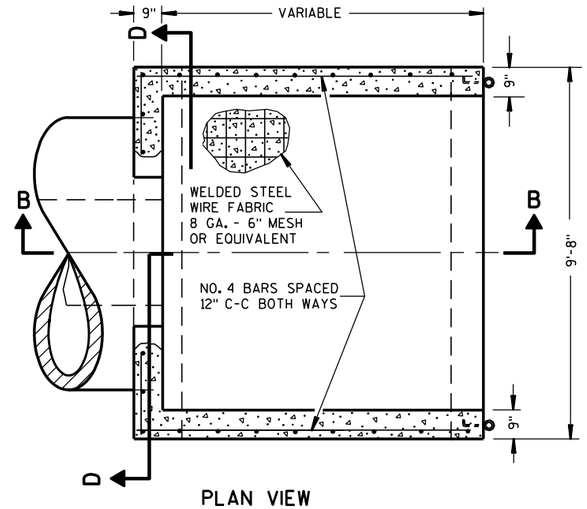
CROSS SECTION

CORRUGATED METAL PIPE CATTLE PASS



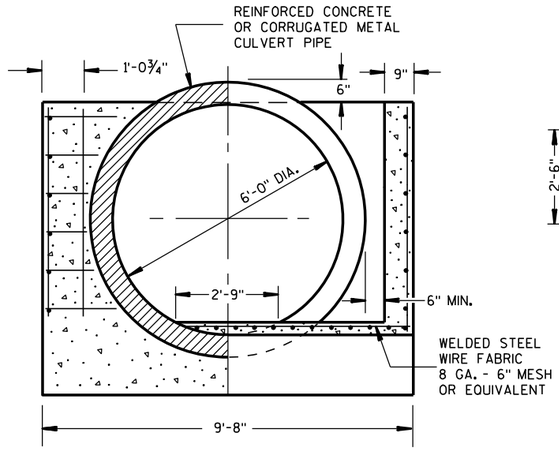
PLAN VIEW

ENDWALL AND CATTLE PASS STEPS

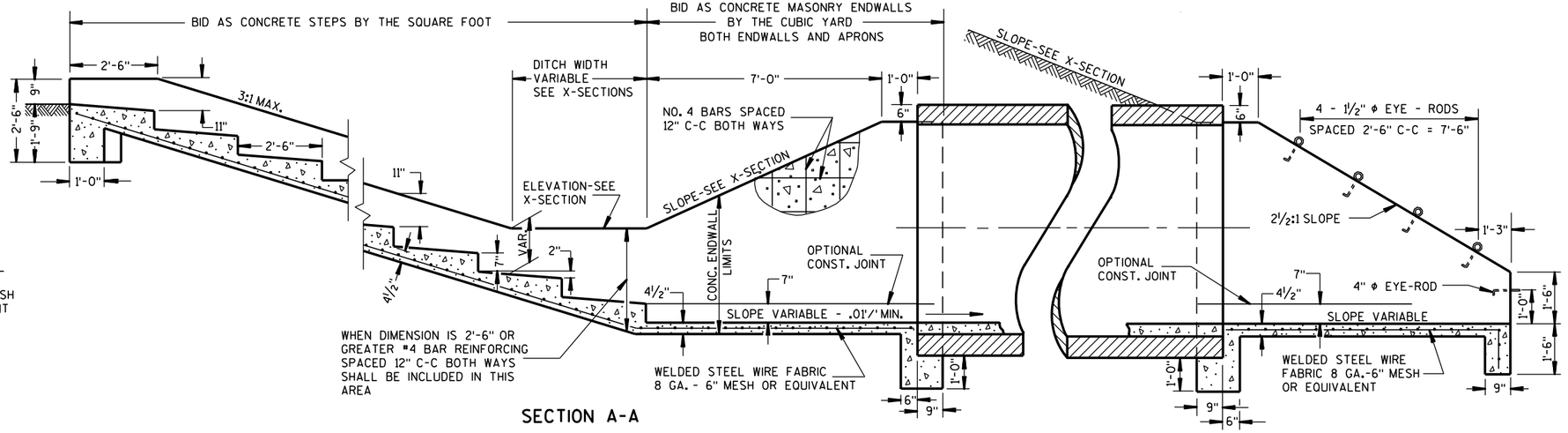


PLAN VIEW

ENDWALL FOR CATTLE PASS

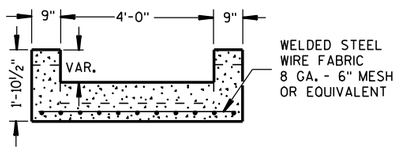


SECTION D-D

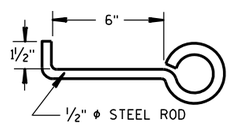


SECTION A-A

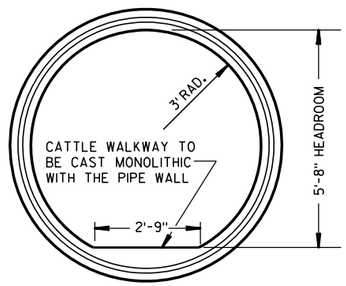
SECTION B-B



SECTION C-C



EYE-ROD ANCHOR



END VIEW

REINFORCED CONCRETE PIPE CATTLE PASS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT IN ENDWALLS AND CATTLE PASS STEPS SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE NOTED.

ALL STEEL REINFORCEMENT OR FABRIC USED AS SHOWN ABOVE SHALL BE INCIDENTAL TO THE BID ITEM OF WHICH IT IS AN INTEGRAL PART.

EYE-RODS FOR FENCE CONNECTIONS SHALL BE PROVIDED BY THE CONTRACTOR AS AN INCIDENTAL TO THE BID ITEM OF CONCRETE MASONRY, ENDWALLS AND SHALL BE GALVANIZED.

CONCRETE USED FOR THE CATTLE WALKWAY WITHIN THE PIPE SHALL BE INCIDENTAL TO THE BID ITEM OF PIPE CATTLE PASS.

DETAILS FOR PIPE CATTLE PASS, CONCRETE ENDWALL AND STEPS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/6/75 — DATE

/S/ Harold Fiedler — STATE DESIGN ENGINE 147 — HWYS

FHWA

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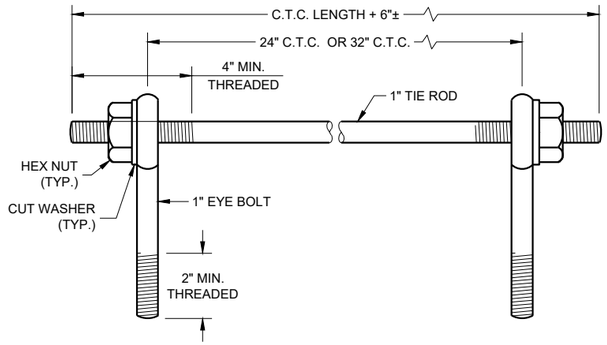
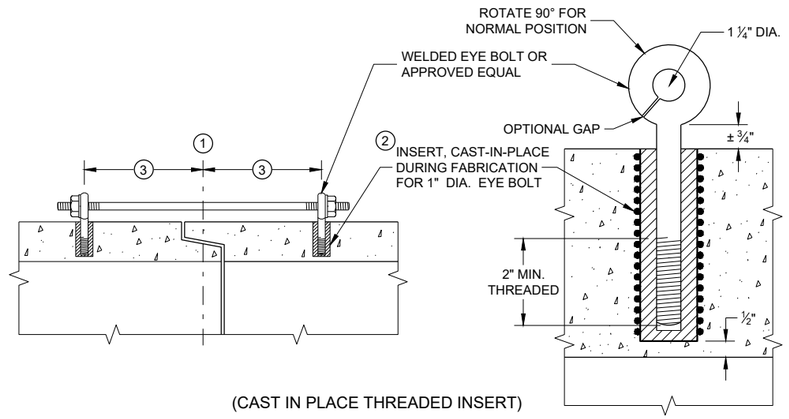
S.D.D. 8 F 3-3

6

S.D.D. 8 F 3-3



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.

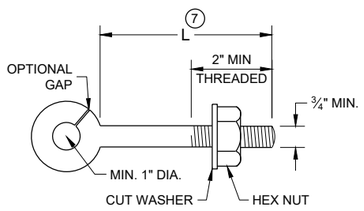
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

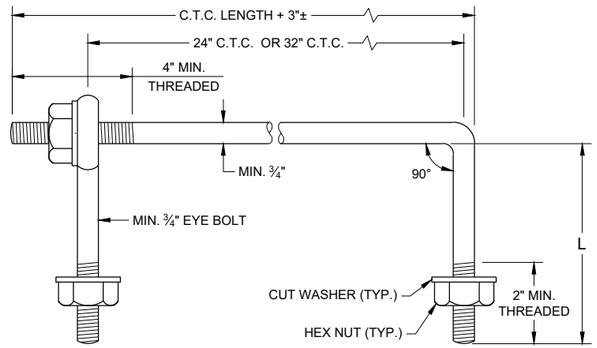
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

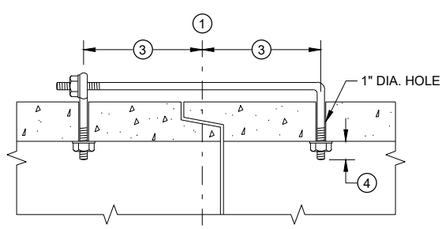


EYE BOLT (7)

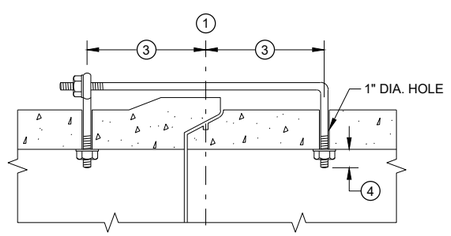
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

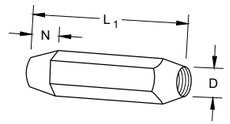
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

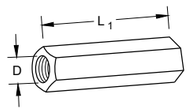
ADJUSTABLE TIE ROD TABLE

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



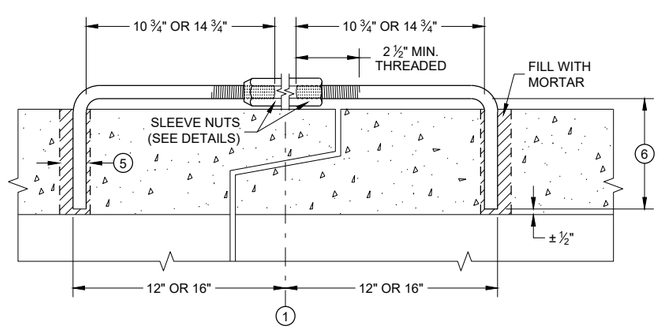
TAPERED



PLAIN

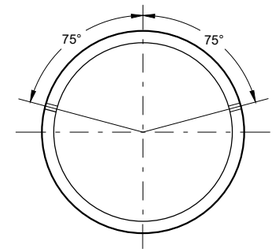
RIGHT AND LEFT THREADS

SLEEVE NUTS



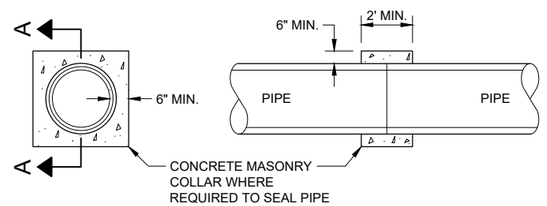
LONGITUDINAL SECTION

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

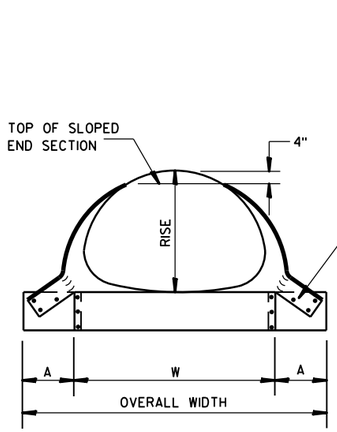
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

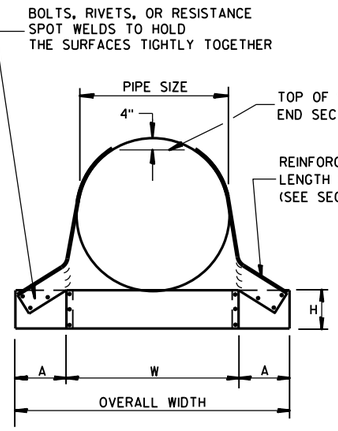
FHWA

SDD 08F04 - 08

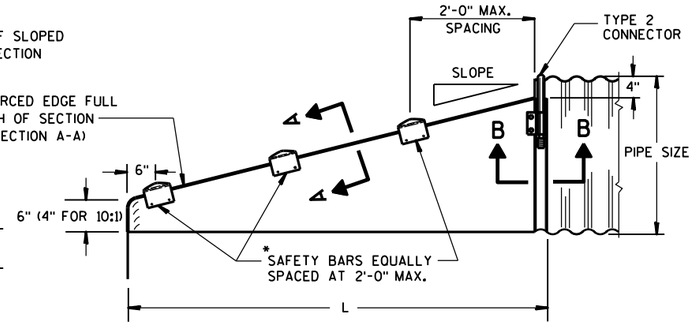
SDD 08F04 - 08



FRONT VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES

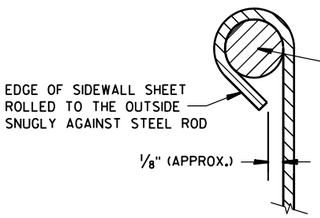
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SLOPED END SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 521 FOR STEEL APRON ENDWALLS.

SAFETY BARS SHALL BE FABRICATED FROM GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL.

STEEL APRON ENDWALLS FOR CULVERT PIPE
SLOPED SIDE DRAINS

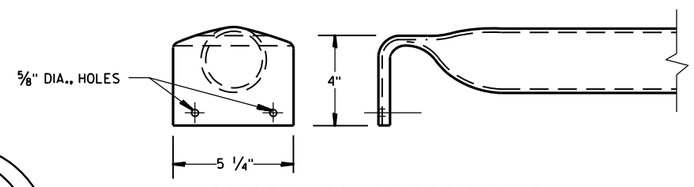
PIPE DIA. (IN.)	MIN. THICK. (Inches)	DIMENSIONS (Inches)				L DIMENSIONS					
		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	.064	8	6	21	37	4:1	20	6:1	30	10:1	70
18	.064	8	6	24	40	4:1	32	6:1	48	10:1	100
21	.064	8	6	27	43	4:1	44	6:1	66	10:1	130
24	.064	8	6	30	46	4:1	56	6:1	84	10:1	160
30	.109	12	9	36	60	4:1	80	6:1	120	10:1	220
36	.109	12	9	42	66	4:1	104	6:1	156	10:1	280
42	.109	16	12	48	80	4:1	128	6:1	192	——	——
48	.109	16	12	54	86	4:1	152	6:1	228	——	——
54	.109	16	12	60	92	4:1	176	6:1	264	——	——
60	.109	16	12	66	98	4:1	200	6:1	300	——	——



SECTION A-A

*NOTE:
THREE SAFETY BARS ARE SHOWN. ACTUAL NUMBER OF BARS REQUIRED AT A 2'-0" C-C MAX. SPACING WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

3" GALVANIZED PIPE. FLATTEN ENDS, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.

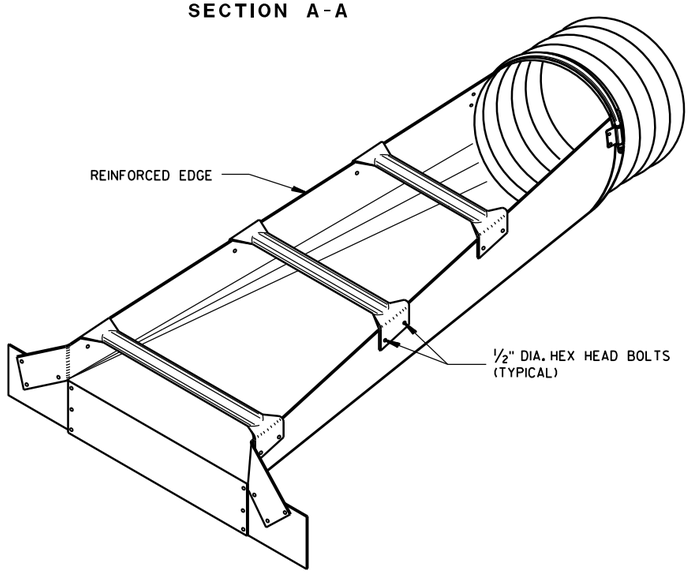


DETAIL OF SAFETY BAR

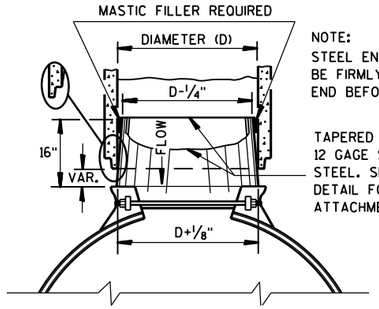
STEEL APRON ENDWALLS FOR PIPE ARCH
SLOPED SIDE DRAINS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) ①	DIMENSIONS (Inches) A	H	W	OVERALL WIDTH	L DIMENSIONS SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	17	13	.064 *	7	6	30	44	4:1	19	6:1	30	10:1 ②	70
18	21	15	.064 *	8	6	27	43	4:1	20	6:1	30	10:1	70
21	24	18	.064 *	8	6	30	46	4:1	32	6:1	48	10:1	100
24	28	20	.064 *	8	6	34	50	4:1	40	6:1	60	10:1	120
30	35	24	.079 *	12	9	41	65	4:1	56	6:1	84	10:1	160
36	42	29	.109 *	12	9	48	72	4:1	76	6:1	114	10:1	210
42	49	33	.109	16	12	55	87	4:1	92	6:1	138	——	——
48	57	38	.109	16	12	63	95	4:1	112	6:1	168	——	——
54	64	43	.109	16	12	70	102	4:1	132	6:1	198	——	——

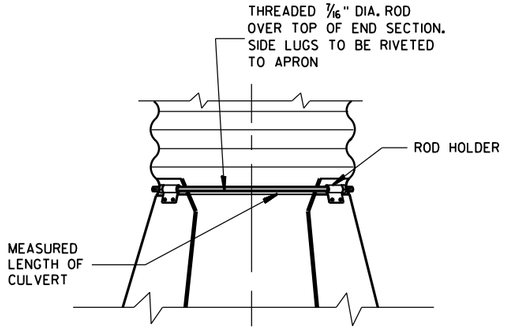
① * MINIMUM THICKNESS OF ALL 10:1 SLOPED SIDE DRAINS IS 0.109".
② ACTUAL SLOPE GREATER THAN 10:1.



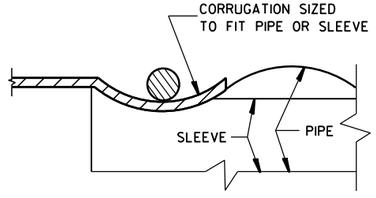
ISOMETRIC VIEW



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



TYPE 2
CONNECTION DETAIL



SECTION B-B

STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
9/14/2012 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 F 7-5

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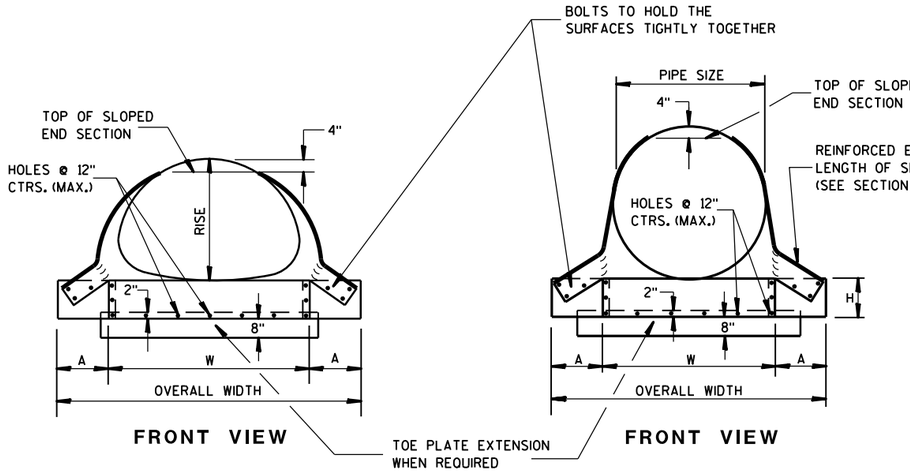
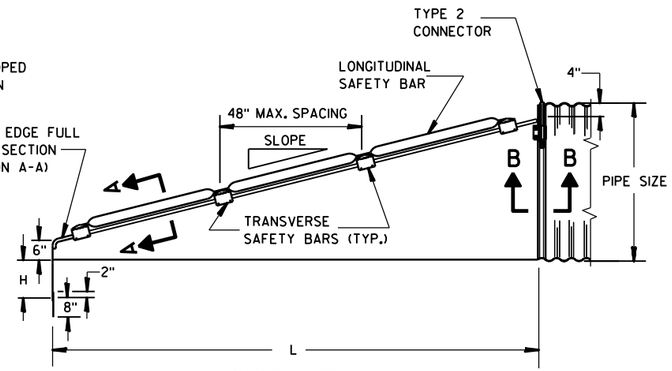
S.D.D. 8 F 7-5



FRONT VIEW

FRONT VIEW



SIDE VIEW
(48" SIZE ILLUSTRATED)

GENERAL NOTES

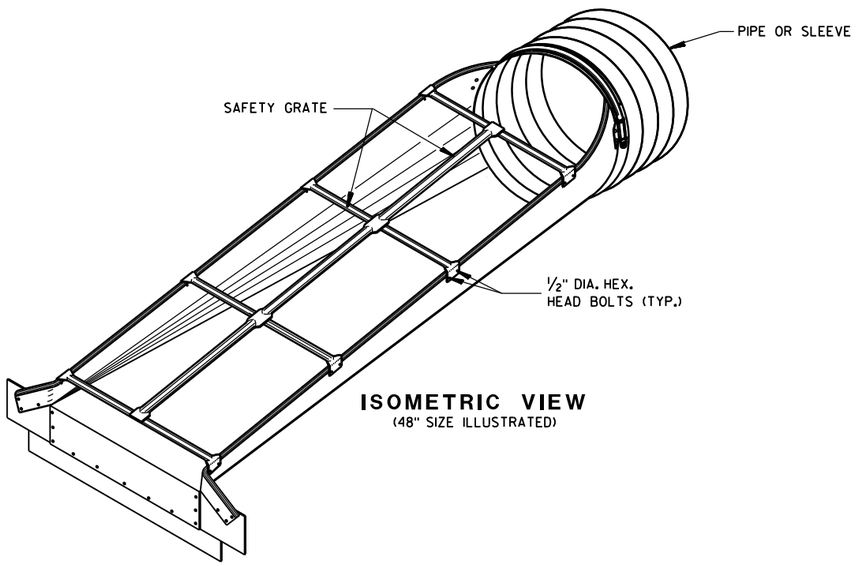
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

SAFETY GRATES SHALL BE FABRICATED FROM 3-INCH DIAMETER GALVANIZED PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL. THE LONGITUDINAL BAR SHALL BE WELDED TO THE TRANSVERSE BARS WHERE THE BARS CROSS. THE NUMBER OF TRANSVERSE BARS REQUIRED WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

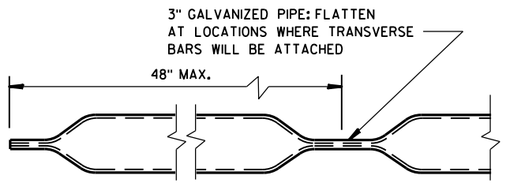
SLOPED STEEL ENDWALLS LOCATED AT THE ENDS OF CONCRETE CULVERT PIPE SHALL BE FURNISHED WITH STEEL ADAPTER SLEEVES.

STEEL APRON ENDWALLS FOR CULVERT PIPE CROSS DRAINS

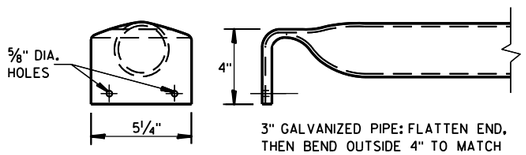
PIPE DIA. (IN.)	MIN. THICK.		DIMENSIONS (Inches)				L DIMENSIONS			
	IN.	GAGE	A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
36	.109	12	12	9	42	66	4:1	104	6:1	156
42	.109	12	16	12	48	80	4:1	128	6:1	192
48	.109	12	16	12	54	86	4:1	152	6:1	228
54	.109	12	16	12	60	92	4:1	176	6:1	264
60	.109	12	16	12	66	98	4:1	200	6:1	300



ISOMETRIC VIEW
(48" SIZE ILLUSTRATED)



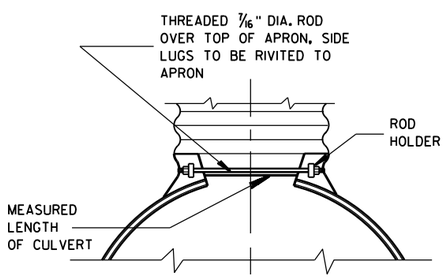
LONGITUDINAL SAFETY BAR



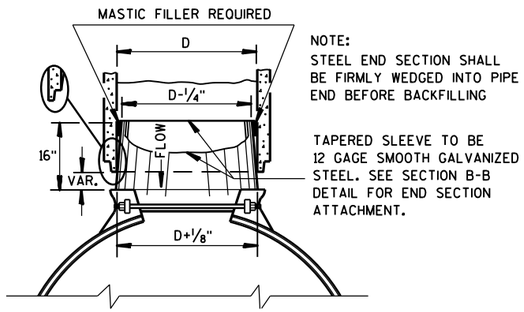
TRANSVERSE SAFETY BAR

STEEL APRON ENDWALLS FOR PIPE ARCH SLOPED CROSS DRAINS

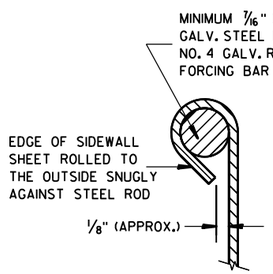
EQUIV. DIA. (IN.)	INCHES		MIN. THICK.		DIMENSIONS (Inches)				L DIMENSIONS			
	SPAN	RISE	IN.	GAGE	A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
30	35	24	.079	14	12	9	41	65	4:1	56	6:1	84
36	42	29	.109	12	12	9	48	72	4:1	76	6:1	114
42	49	33	.109	12	16	12	55	87	4:1	92	6:1	138
48	57	38	.109	12	16	12	63	95	4:1	112	6:1	168
54	64	43	.109	12	16	12	70	102	4:1	132	6:1	198
60	71	47	.109	12	16	12	77	109	4:1	148	6:1	222



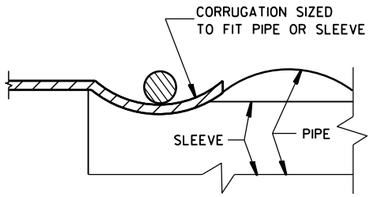
TYPE 2 CONNECTOR DETAIL



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



SECTION A-A



SECTION B-B

STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED CROSS DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
FHWA

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S.D.D. 8 F 8-2

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.

FILL SLOPES FLATTER THAN 2 ½:1 SHALL BE WARPED TO MEET THE TOP OF THE WINGWALLS.

ALL STEEL REINFORCEMENT AND WELDED STEEL WIRE FABRIC SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE NOTED.

(1) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS SPACED 12" C-C IN BOTH DIRECTIONS.

(2) THE SPACE BETWEEN PIPES SHALL BE AS FOLLOWS:

DIAMETER OR SPAN	SPACE
UP TO AND INCLUDING 48"	2' - 0"
OVER 48" TO 72"	½ DIA. OR SPAN
OVER 72"	3' - 0"

(3) LIMITS OF TRENCH BACKFILL

(4) LIMITS OF FOUNDATION BACKFILL

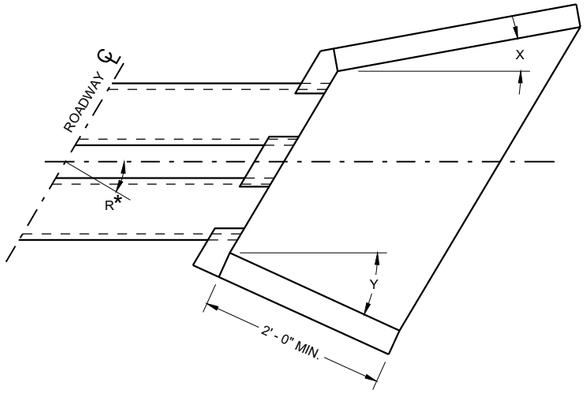
(5) FOUNDATION AND TRENCH BACKFILL ARE MATERIALS INCLUDED IN PAYMENT FOR CULVERT PIPE, PIPE ARCH, CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPSE OR CONCRETE MASONRY ENDWALLS.

(6) DO NOT PLACE FOUNDATION BACK FILL OR ANY OTHER GRANULAR BACKFILL AROUND OR BELOW CUT OFF WALL. POUR CUT OFF WALL AGAINST NATIVE SOIL

(7) MINIMUM HEIGHT SHALL BE THE GREATER OF 1'- 0" OR ¼ HEIGHT OF CULVERT PIPE.

TRENCH BACKFILL

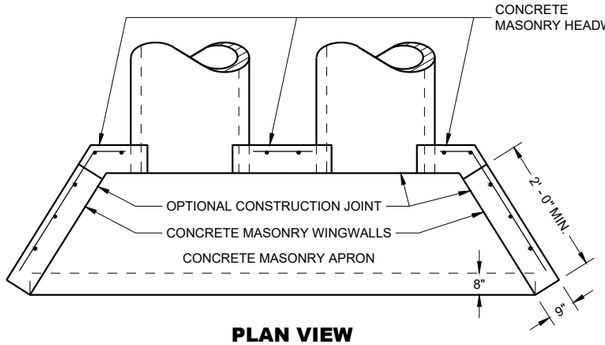
FOUNDATION BACKFILL



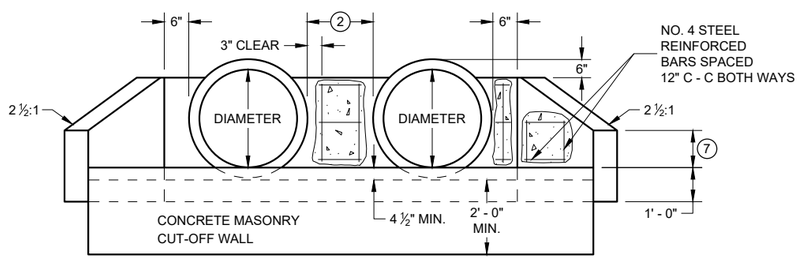
WINGWALL ANGLE DETAILS

INLET			OUTLET		
R*	X	Y	R*	X	Y
0 - 7°	30°	30°	0 - 15°	15°	15°
8 - 22°	25°	30°	16 - 45°	10°	15°
23 - 37°	20°	30°	46 - 75°	5°	15°
38 - 52°	15°	30°	OVER 75°	0°	15°
53 - 67°	10°	30°			
68 - 82°	5°	30°			
OVER 82°	0°	30°			

R* = NUMBER OF DEGREES RIGHT OR LEFT HAND FORWARD

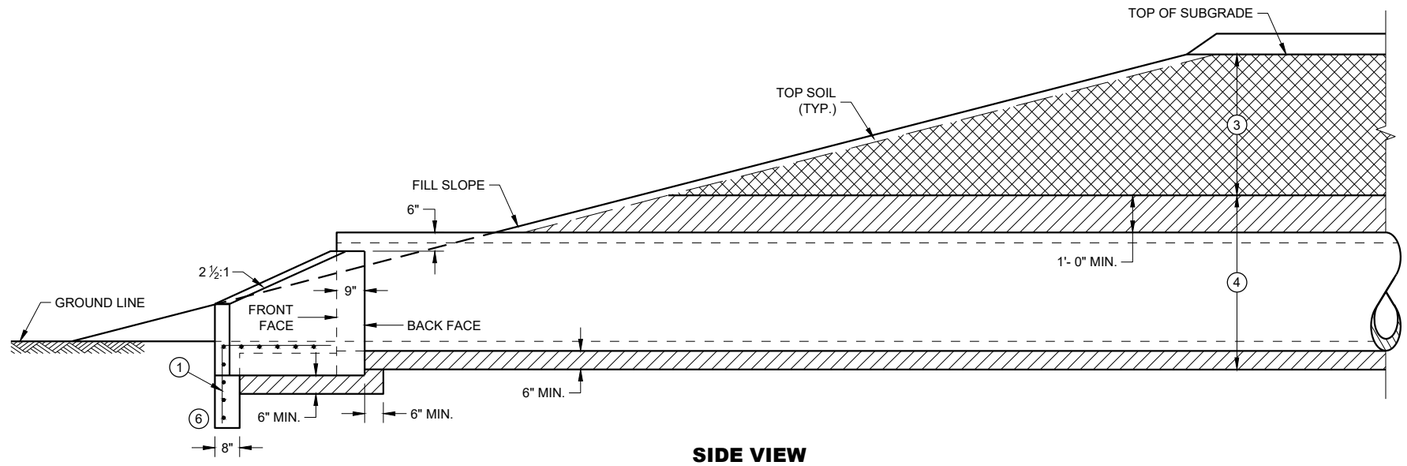


PLAN VIEW



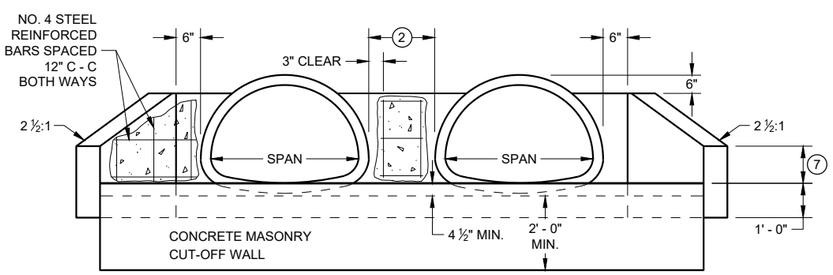
END VIEW

CIRCULAR PIPE



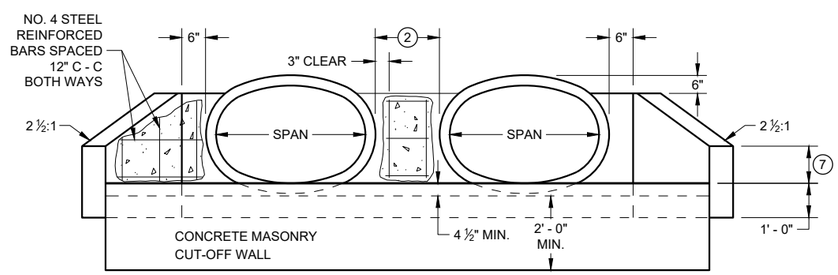
SIDE VIEW

CIRCULAR PIPE, PIPE ARCH OR HORIZONTAL ELLIPSE



END VIEW

PIPE ARCH



END VIEW

HORIZONTAL ELLIPSE

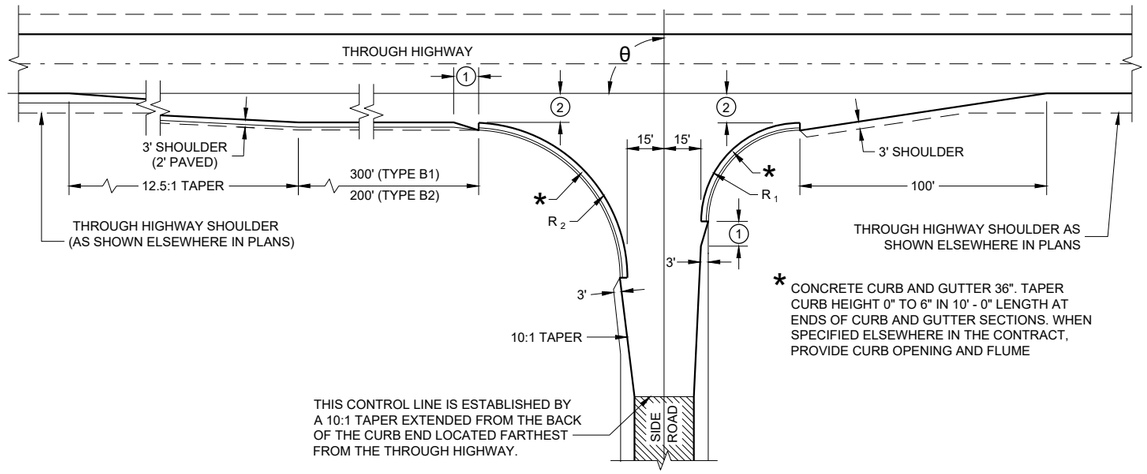
CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

6
SDD 08F10 - 02



* CONCRETE CURB AND GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10' - 0" LENGTH AT ENDS OF CURB AND GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME

TYPE "B1" AND "B2"

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65 - 70	35	70
71 - 80	40	70
81 - 90	40	60
91 - 100	50	55
101 - 110	60	45

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

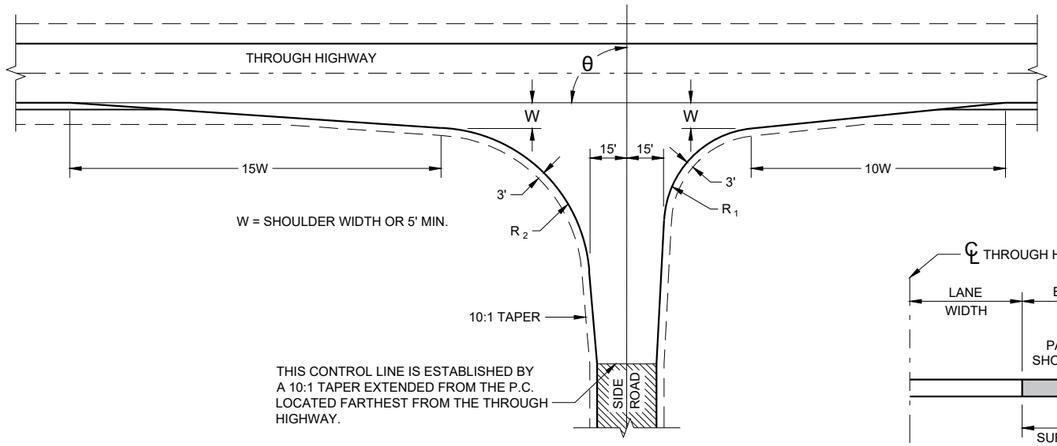
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

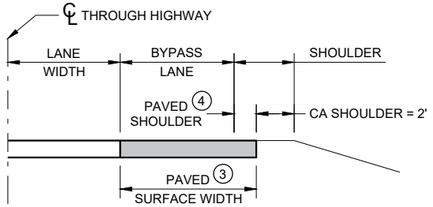
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
- ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH
- PC CONCRETE = 13-FT PLUS PAVED SHOULDER WIDTH

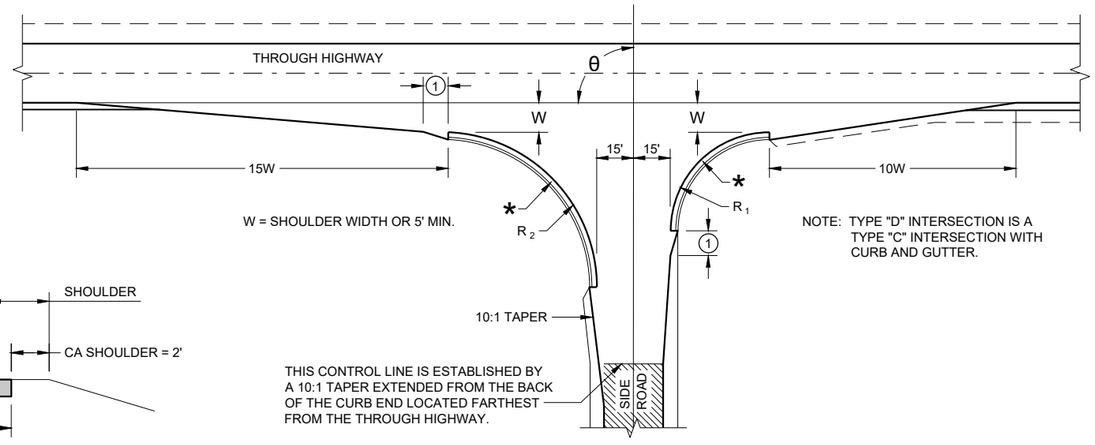
(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



TYPE "C"

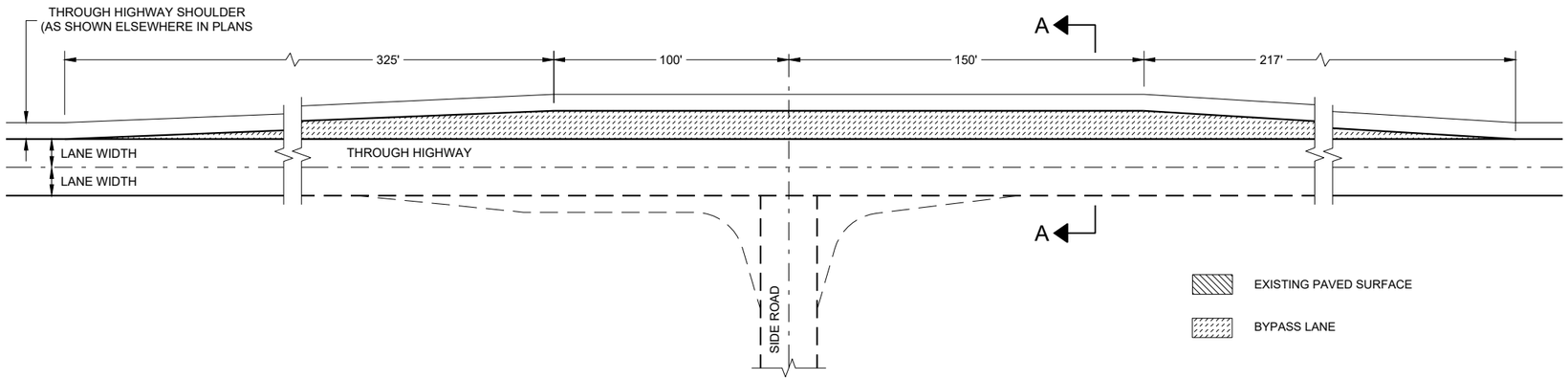


SECTION A - A
(SHOWING BYPASS LANE AND SHOULDER)



NOTE: TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB AND GUTTER.

TYPE "D"



TEE INTERSECTION BYPASS LANE DETAIL

AT GRADE SIDE ROAD INTERSECTION TYPES "B1", "B2", "C", "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 09A01 - 14a

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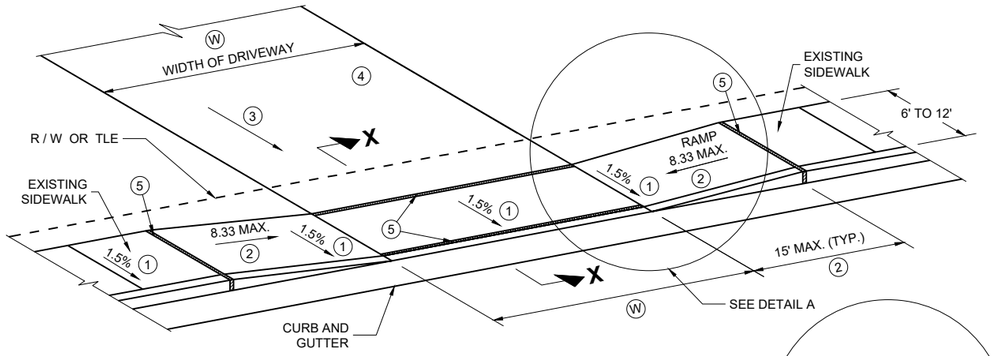
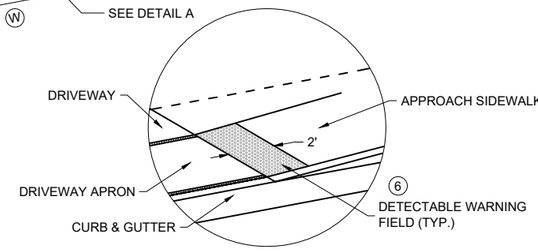
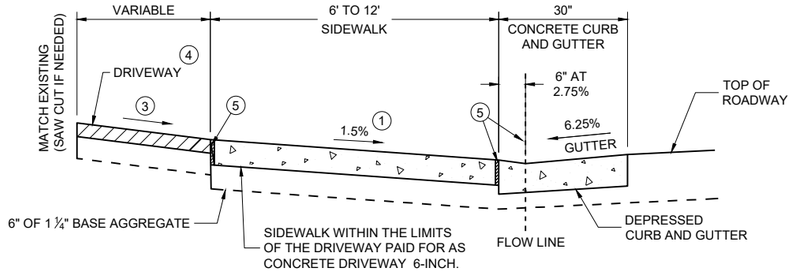
SDD 09A01 - 14a



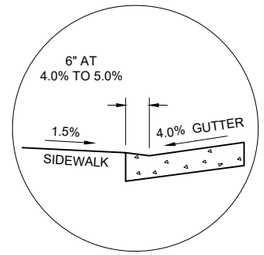
TYPE X
SIDEWALK ABUTS CURB AND GUTTER
TERRACE VARIES 0 TO 3 FEET



DETAIL A



SECTION X - X

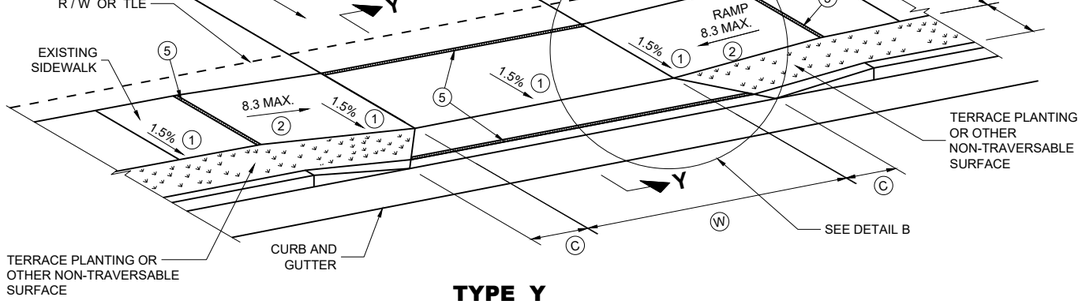


SECTION X - X
4% GUTTER SLOPE

Ⓦ : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.

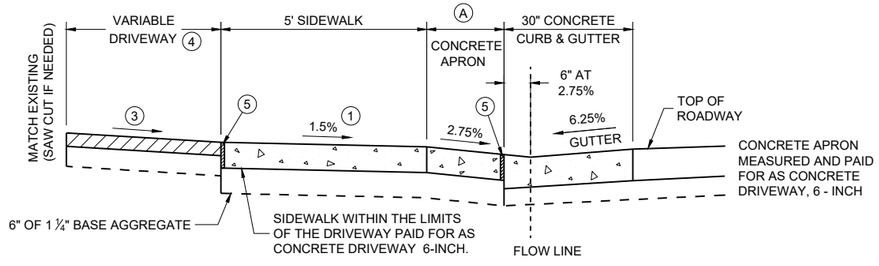
TABLE Y

Ⓐ FEET	Ⓒ FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'



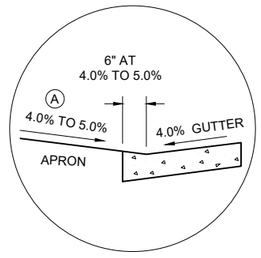
TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

Ⓐ:MEASURE FROM BACK OF CURB



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y - Y



SECTION Y - Y
4% GUTTER SLOPE

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

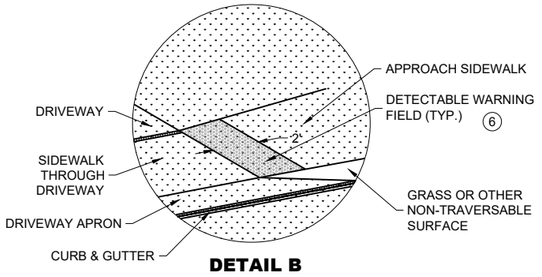
② THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

③ DRIVEWAY SLOPES: DESIRABLE MAXIMUM
10.5% UP AWAY FROM SIDEWALK (SAG)
8.5% DOWN AWAY FROM SIDEWALK (CREST)
ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

④ DRIVEWAY TYPES
* 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
* 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
* 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

⑤ 1/2" EXPANSION JOINT FILLER

⑥ DETECABLE WARNING FIELDS ARE REQUIRED WHEN A PEDESTRIAN CIRCULATION ROUTE CROSSES A DRIVEWAY THAT IS TRAFFIC SIGNAL, STOP, OR YIELD SIGN CONTROLLED. DETECTABLE WARNING FIELDS TO BE 2 FT DEEP AND EXTEND THE WIDTH OF THE PEDESTRIAN CIRCULATION ROUTE.



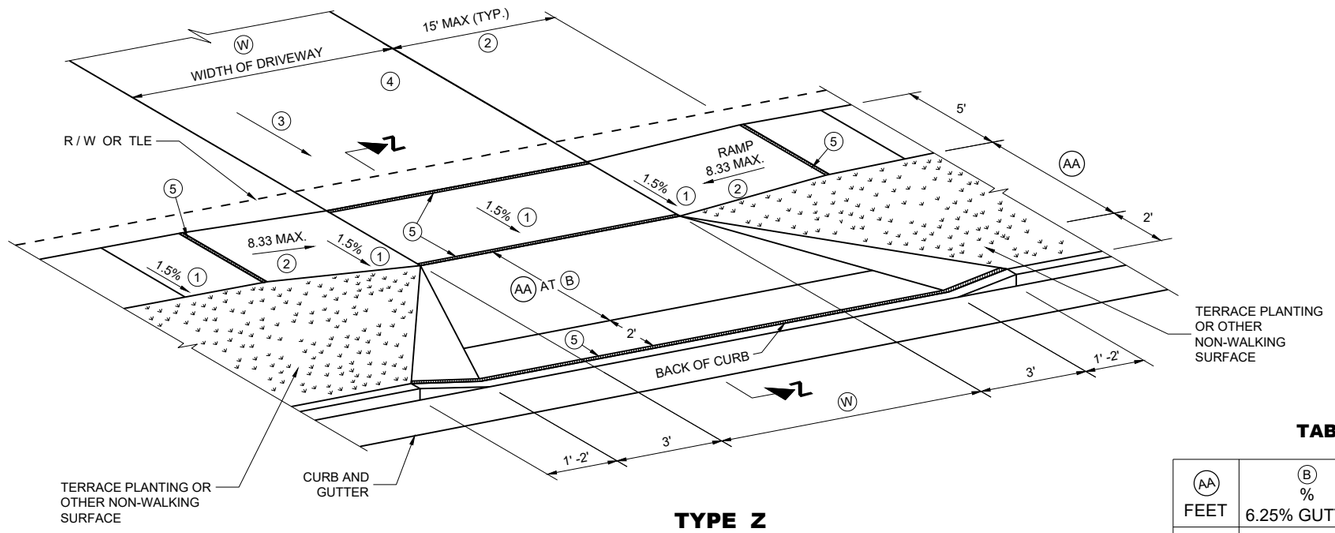
DETAIL B

DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

6
SDD 09A11-01



TYPE Z

SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

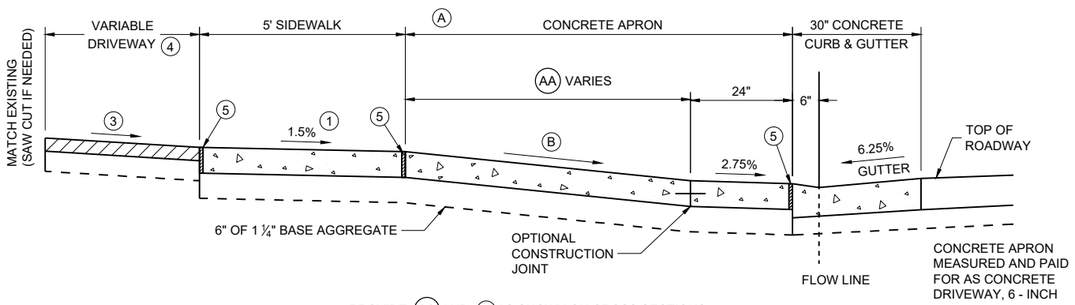
(4) DRIVEWAY TYPES
- * 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE 2-INCH
- * TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE 6-INCH BASE
- * AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

(5) 1/2" EXPANSION JOINT FILLER.

TABLE Z

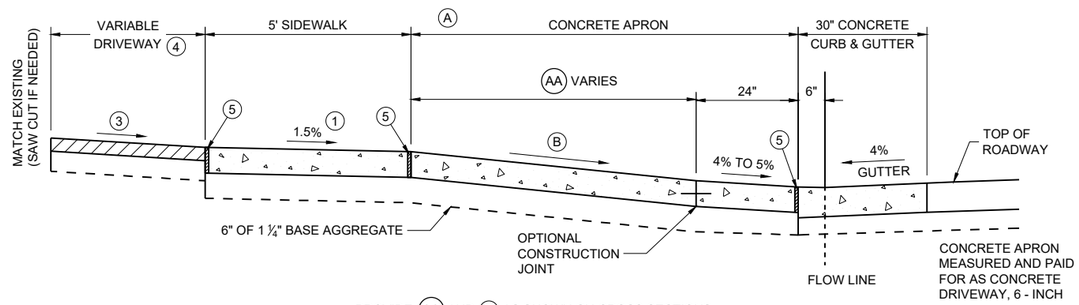
(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%

(W) : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

6.25% GUTTER SLOPE



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

4% GUTTER SLOPE

NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS FOR (B) VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SECTION Z - Z

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER

(URBAN AND SUBURBAN)

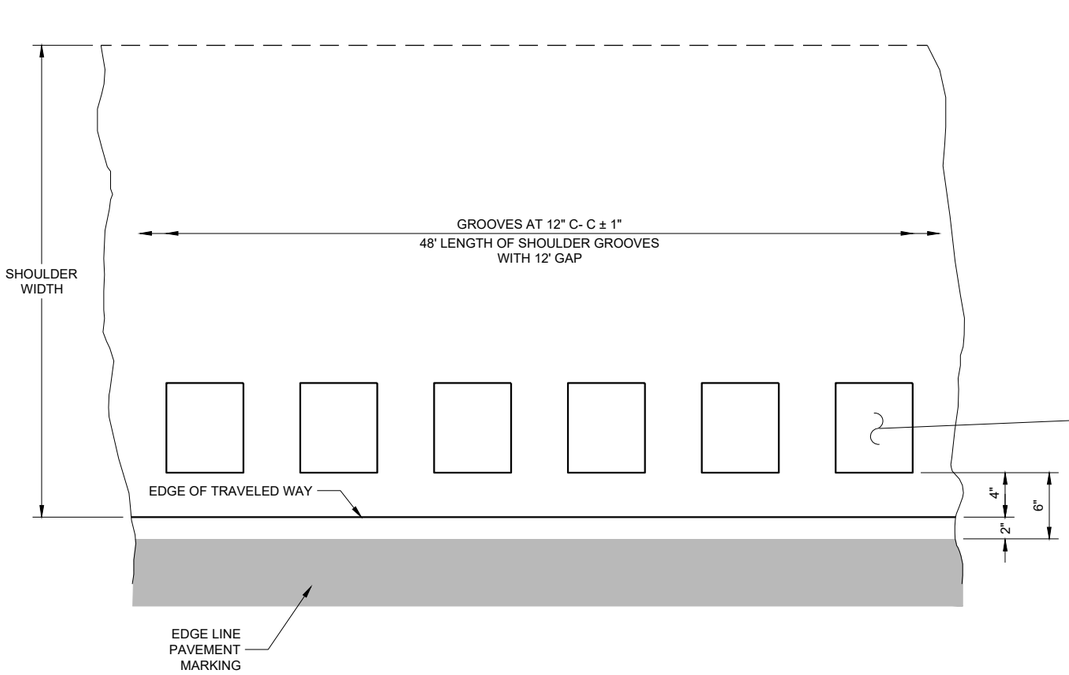
DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

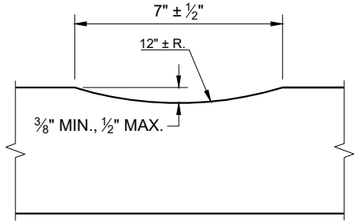
APPROVED
November 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

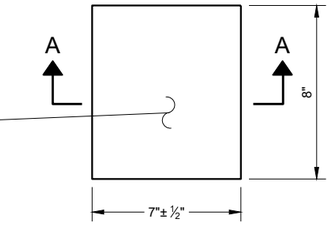
6
SDD 09A12-01



PLAN DETAIL VIEW
SHOULDER WITH GROOVES



SECTION A - A

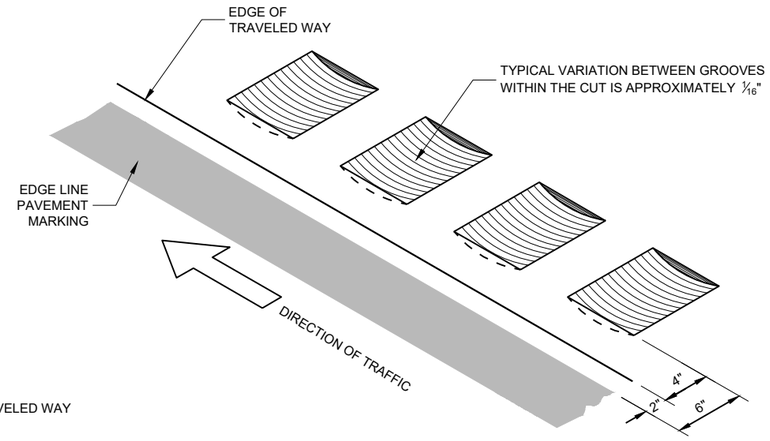


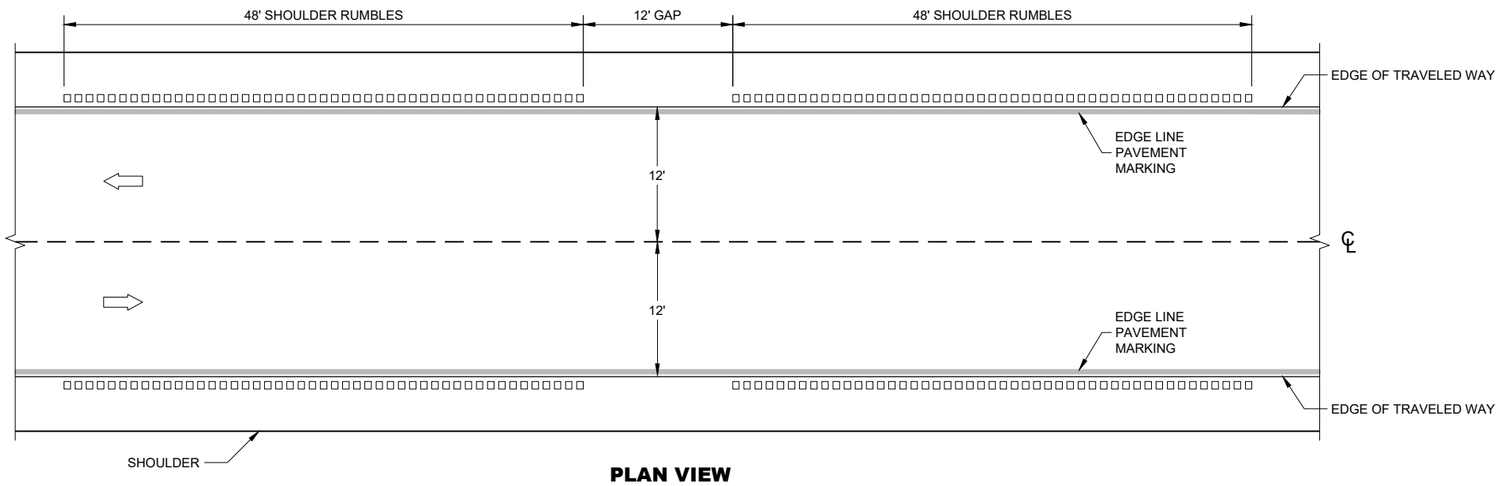
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A10 SHEETS "g" AND "h".

SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.





PLAN VIEW

SHOULDER RUMBLE STRIPS - ASPHALT

6

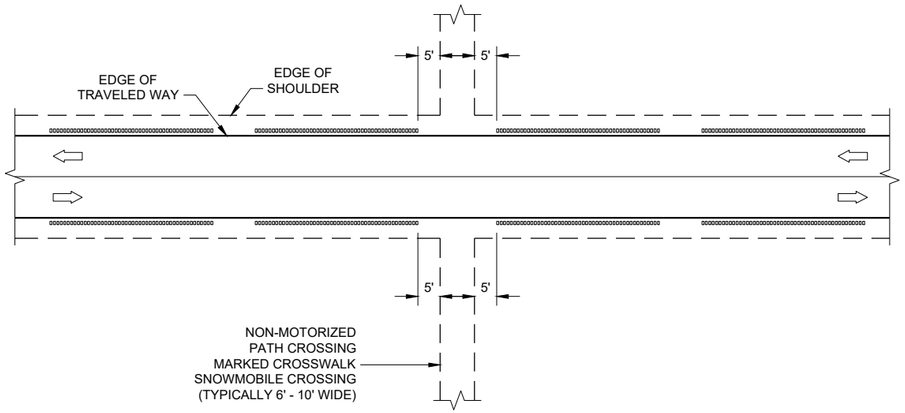
SDD 13A10 - 03a

SHOULDER RUMBLE STRIPS ASPHALT

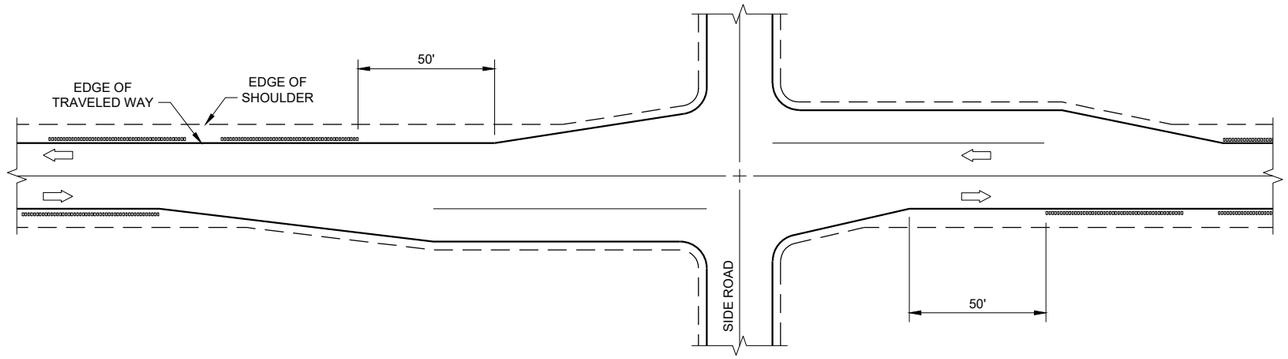
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

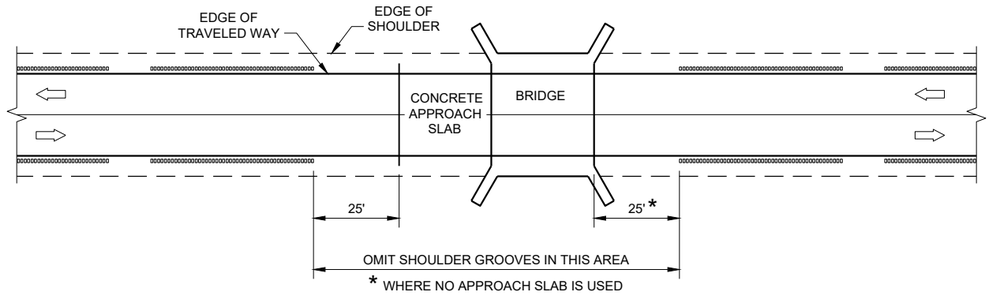
SDD 13A10 - 03a



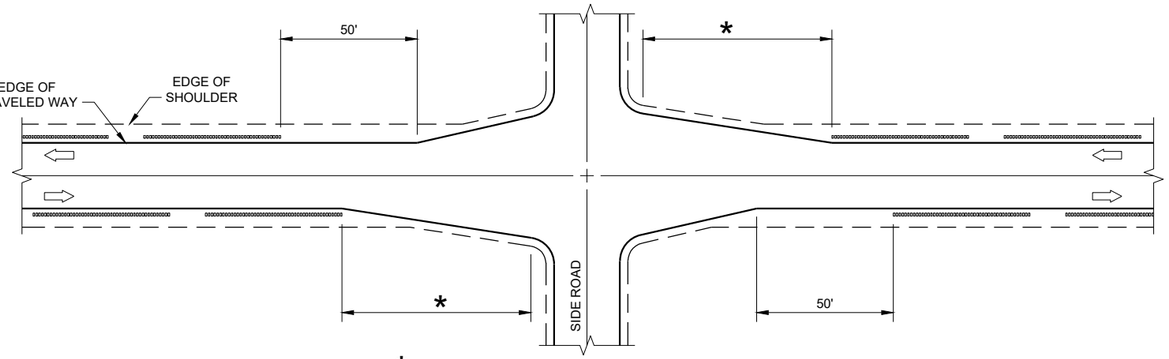
GROOVES AT MISCELLANEOUS CROSSINGS



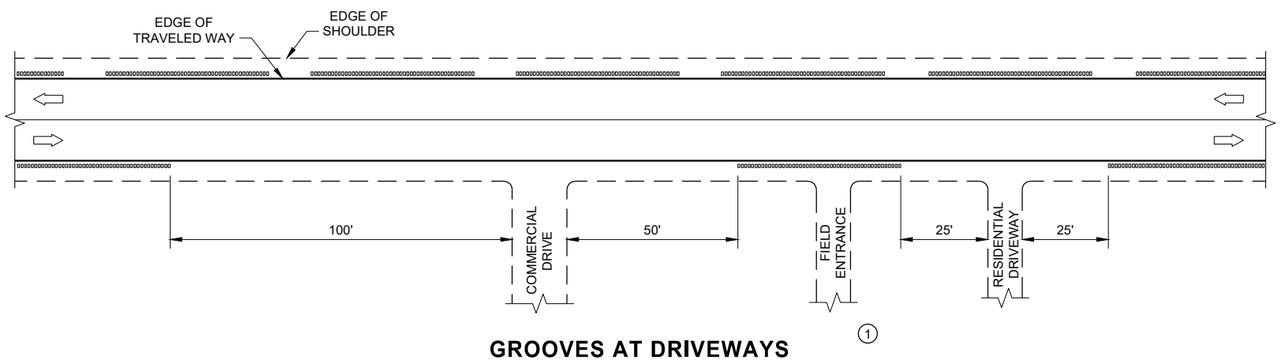
GROOVES AT RIGHT TURN LANE



GROOVES AT BRIDGES



GROOVES AT INTERSECTIONS WITH APPROACH TAPER



GROOVES AT DRIVEWAYS ①

GENERAL NOTES

① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

SHOULDER AND EDGE LINE RUMBLE STRIPS CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS

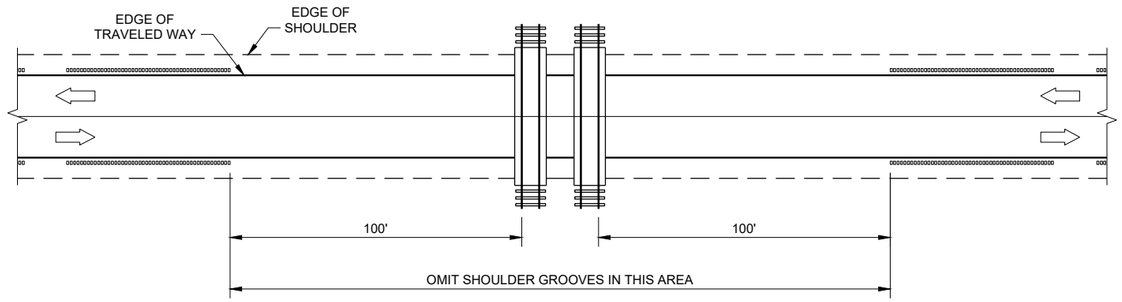
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 156

6

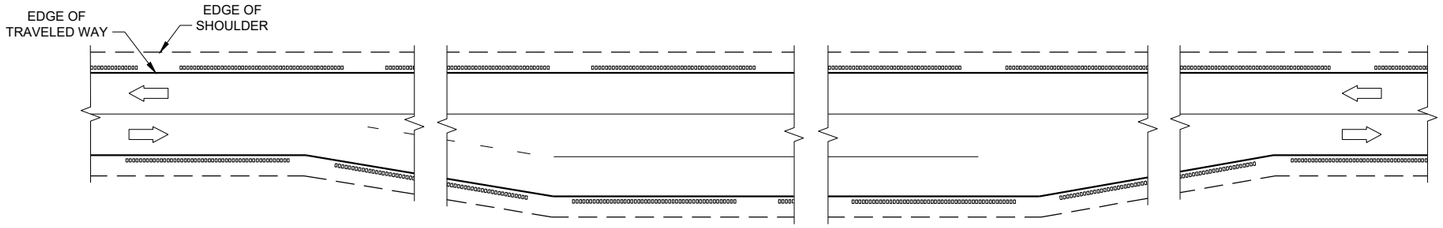
SDD 13A10 - 03g

6

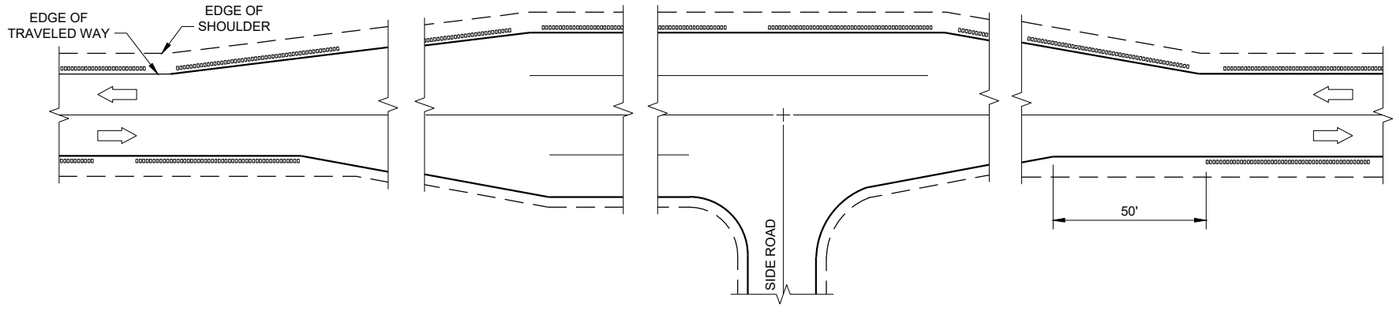
SDD 13A10 - 03g



GROOVES AT RAILROADS



GROOVES AT PASSING AND CLIMBING LANES



GROOVES AT BYPASS LANES

6

SDD 13A10 - 03h

SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

/S/ John Jenkins
ROADWAY STANDARDS DEVE ENGINEER

FHWA

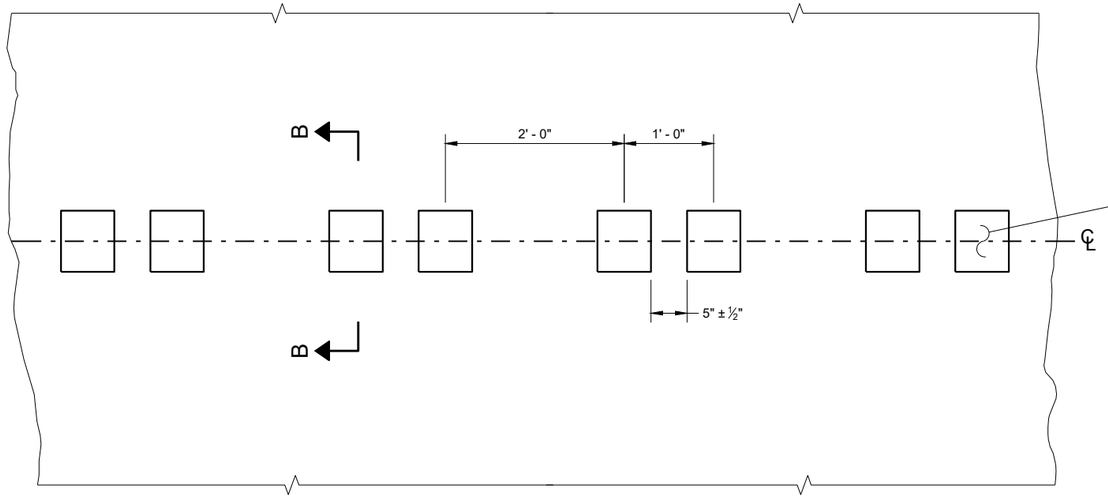
6

SDD 13A10 - 03h

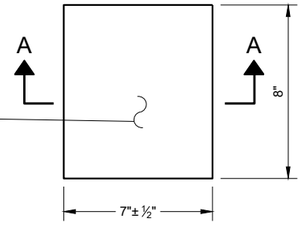
GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A11 SHEETS "d" AND "e".

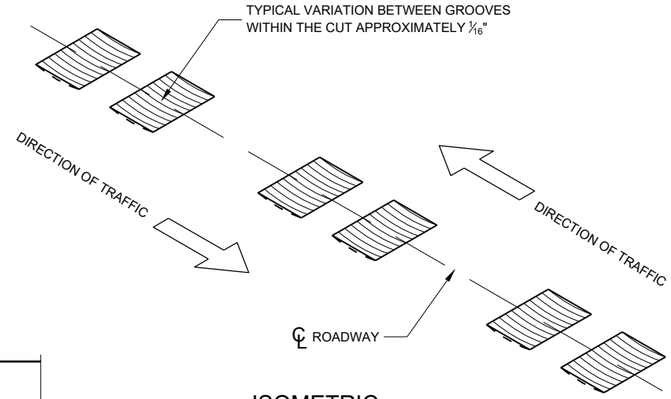
CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



PLAN DETAIL VIEW



PLAN VIEW
(SINGLE GROOVE)



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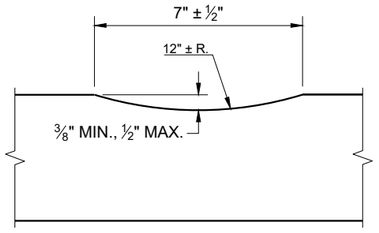
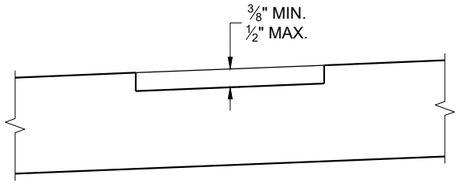
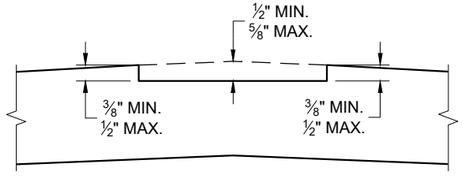


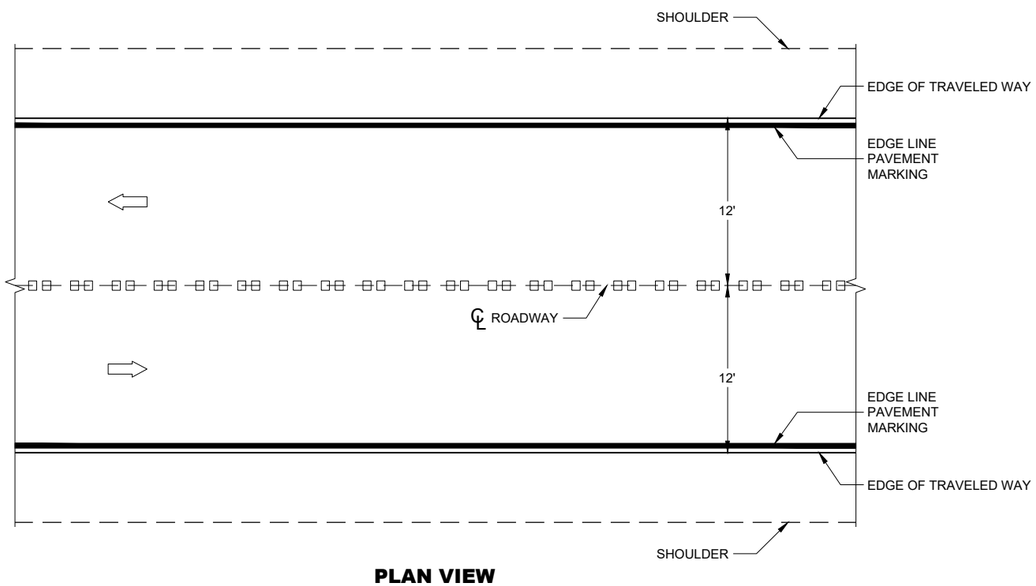
SECTION A - A



SECTION B - B
SUPERELEVATED ROADWAY



SECTION B - B
CROWNED ROADWAY



PLAN VIEW

CENTERLINE RUMBLE STRIPS - ASPHALT

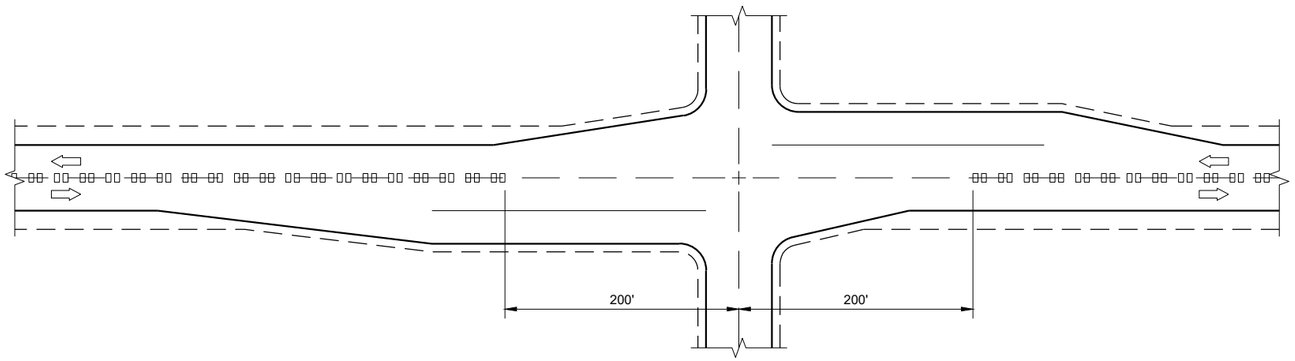
CENTERLINE RUMBLE STRIPS - ASPHALT	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTA	158

6

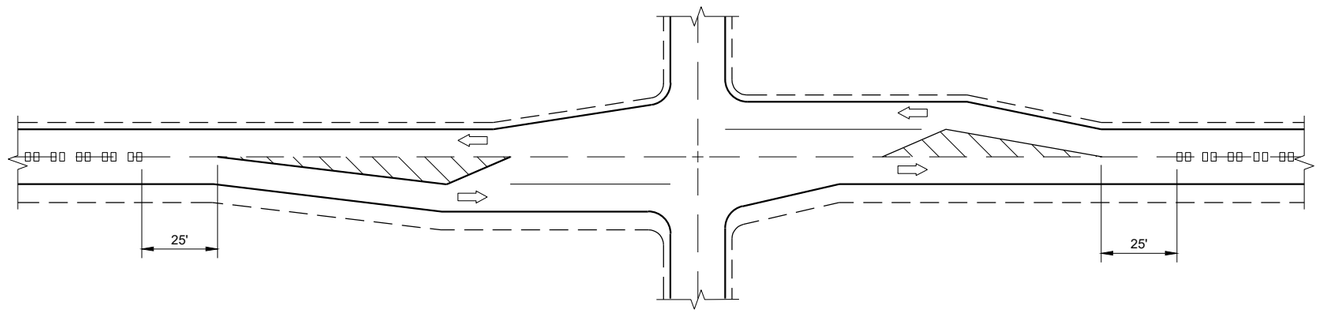
SDD 13A11 - 04a

6

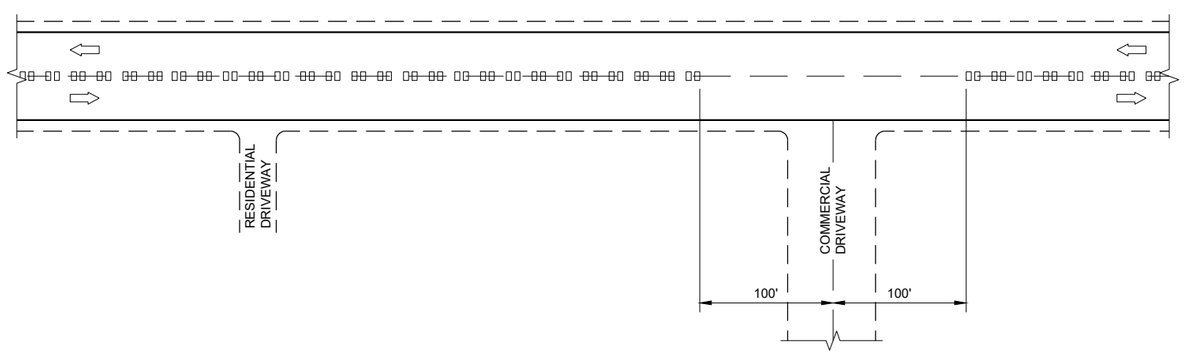
SDD 13A11 - 04a



CENTERLINE GROOVES AT INTERSECTIONS



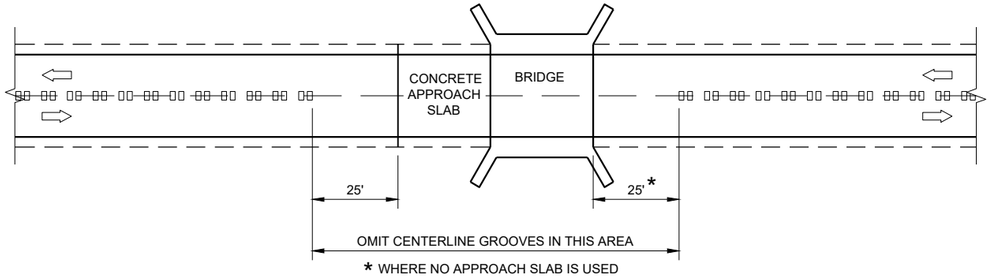
CENTERLINE GROOVES AT INTERSECTIONS (WITH LEFT TURN LANES)



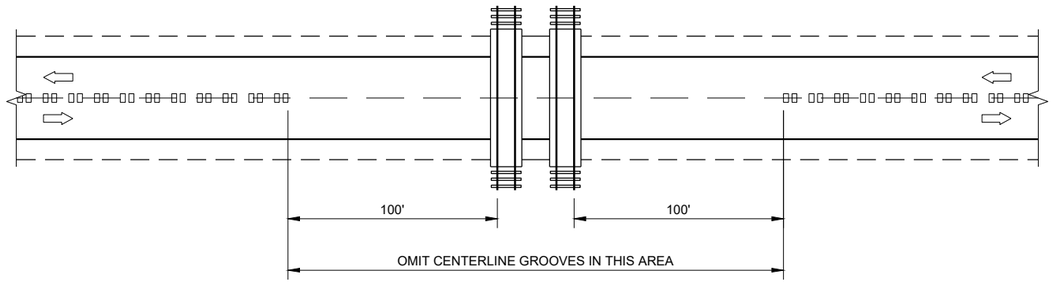
CENTERLINE GROOVES AT DRIVEWAYS (1)

GENERAL NOTES

(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



CENTERLINE GROOVES AT BRIDGES



CENTERLINE GROOVES AT RAILROADS

CENTER LINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAIL ROADS

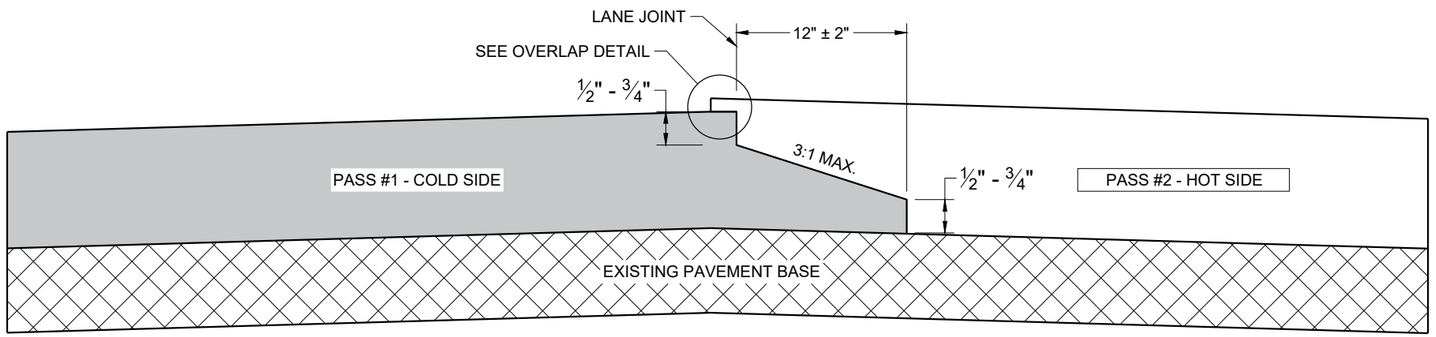
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ John Jenkins — ROADWAY STANDARDS DEVE ENGINEER

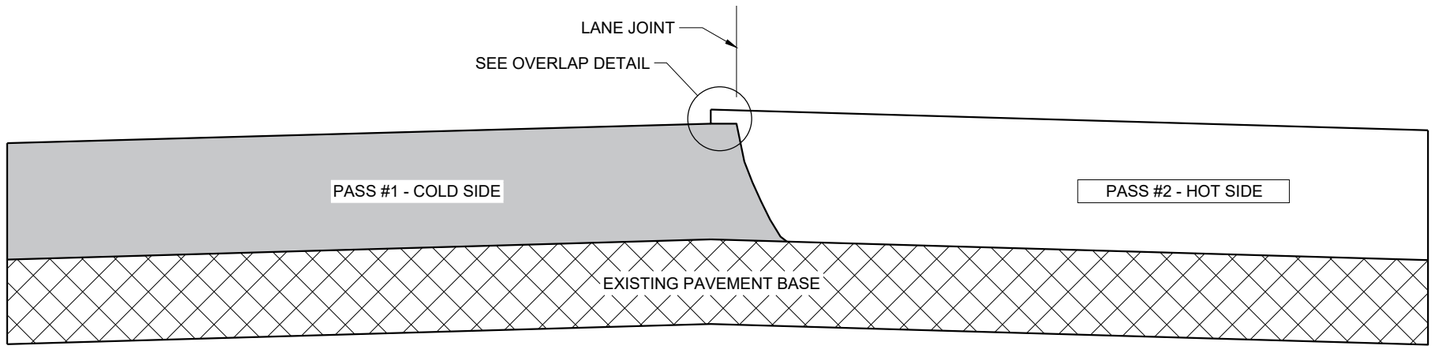
FHWA

6

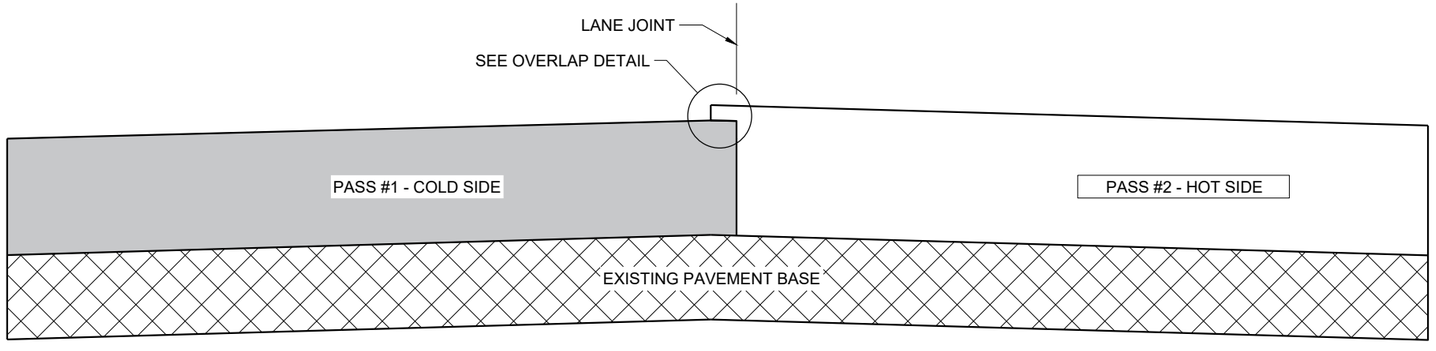
SDD 13A11 - 04d
SDD 13A11 - 04d



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

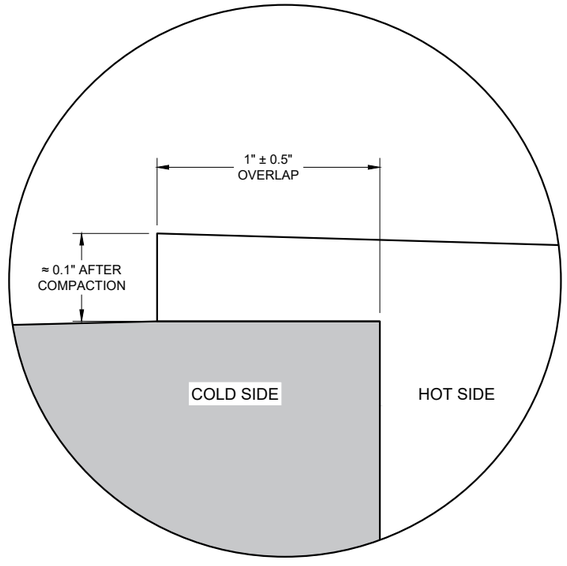
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

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

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SDD 13C19 - 03

SDD 13C19 - 03

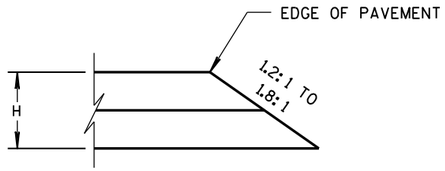
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

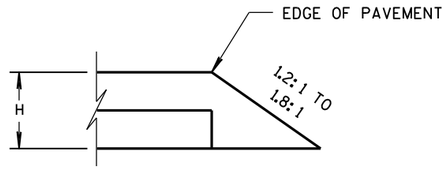
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



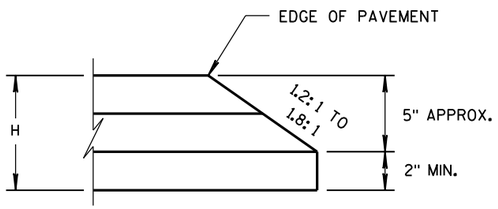
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



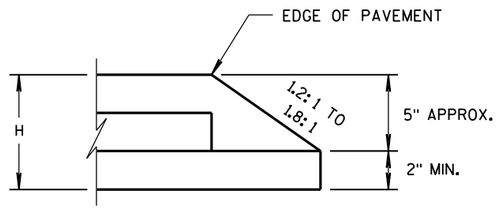
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

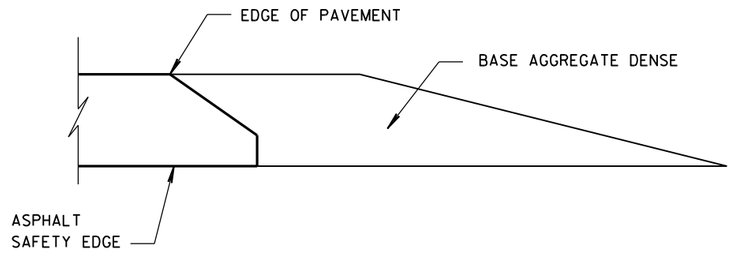
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

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S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

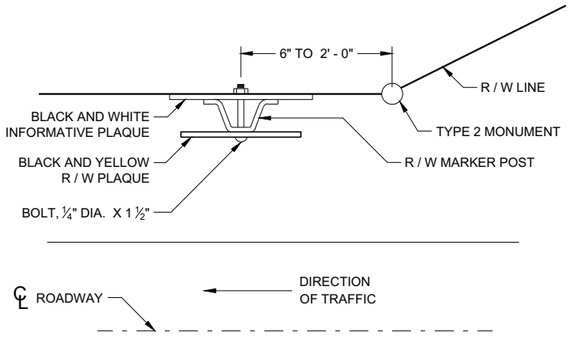
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

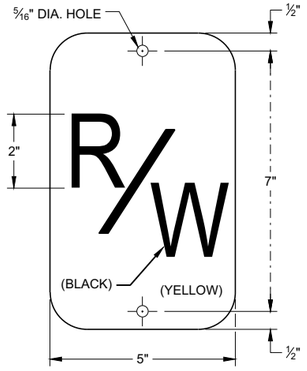
11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA



PLAN VIEW
STEEL MARKER POST



R / W PLAQUE

THE RIGHT-OF-WAY PLAQUE AND INFORMATIVE PLAQUE WILL BE FURNISHED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

INFORMATIVE PLAQUE

GENERAL NOTES

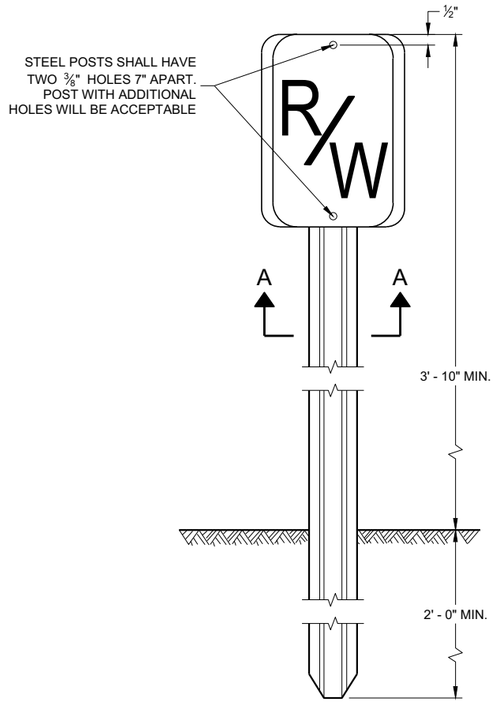
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

A STEEL MARKER POST FOR RIGHT -OF-WAY SHALL BE PLACED IN THE RIGHT-OF-WAY WITH THE BACK OF THE POST ON THE LONGER RIGHT-OF-WAY TANGENT, 6 INCHES TO 24 INCHES FROM EACH TYPE 2 MONUMENT TO SERVE AS A GUARD POST, AND AT OTHER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

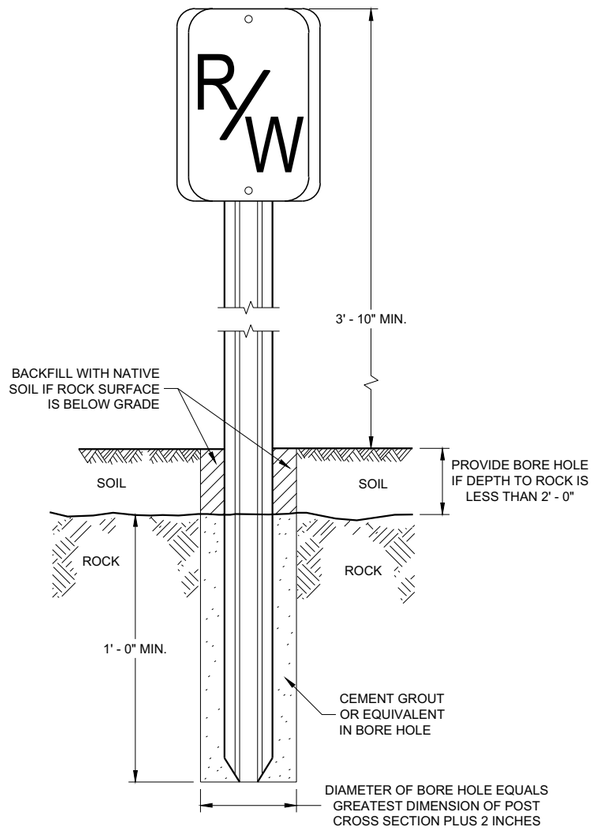
THE "R/W" PLAQUE SHALL FACE THE ROADWAY AND THE INFROMATIVE PLAQUE SHALL FACE AWAY FROM THE ROADWAY. "R/W" AND INFORMATIVE PLAQUES WILL BE FURNISHED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

STEEL MARKER POSTS SHALL MEET THE MINIMUM MATERIAL REQUIREMENTS FOR STEEL DELINEATOR POSTS; EXCEPT POSTS PAINTED WITH FEDERAL YELLOW ENAMEL NEED NOT BE ZINC COATED.

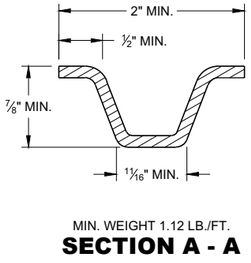
(1) IN AREAS OF SOLID ROCK, DRILL A BORE HOLE 2" GREATER THAN THE WIDEST DIMENSION OF THE POST CROSS SECTION INTO THE ROCK A MINIMUM DEPTH OF 12 INCHES. CUT OR SPLICE THE POST SO THAT A MINIMUM LENGTH OF 3' - 10" PROTRUDES ABOVE THE GROUND. BLOW OUT THE BORE HOLE IN THE ROCK USING COMPRESSED AIR. FILL THE BORE HOLE WITH CEMENT GROUT OR EQUIVALENT, DEPENDING ON THE STABILITY OF THE ROCK.



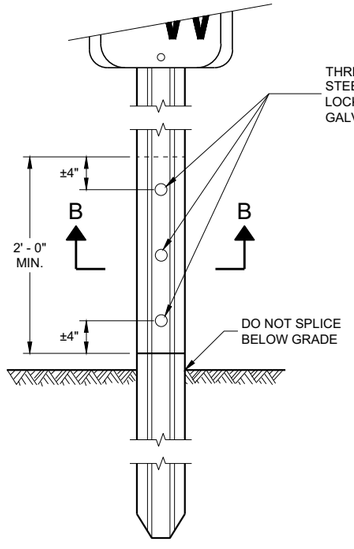
FRONT VIEW
STEEL MARKER POST



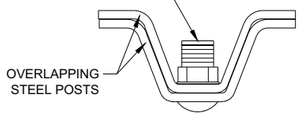
FRONT VIEW
ROCK INSTALLATION (1)



MIN. WEIGHT 1.12 LB./FT.
SECTION A - A



FRONT VIEW
SPLICE DETAIL



SECTION B - B

MARKER POST FOR RIGHT - OF - WAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/18/2016 — DATE
/S/ Ray Kumapayi — CHIEF SURVEYING AND MAPPING ENGINEER

FHWA

6

SDD 15A01 - 13a

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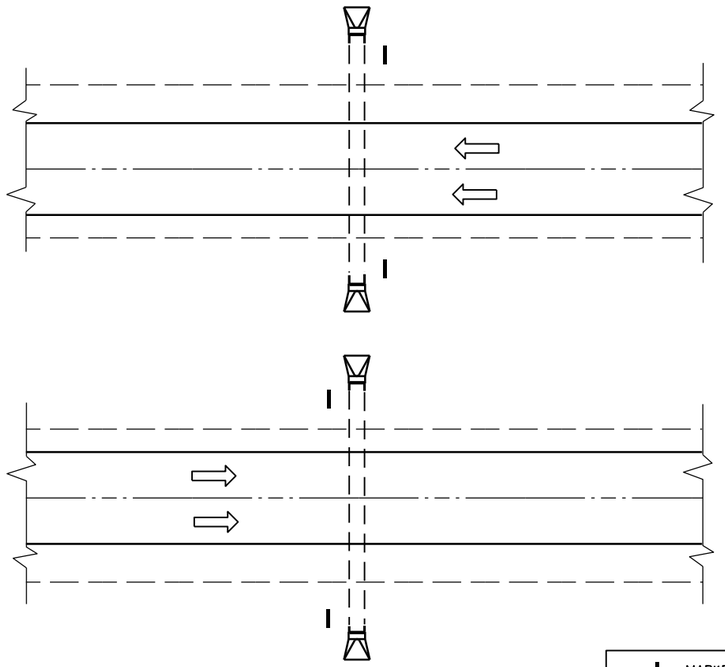
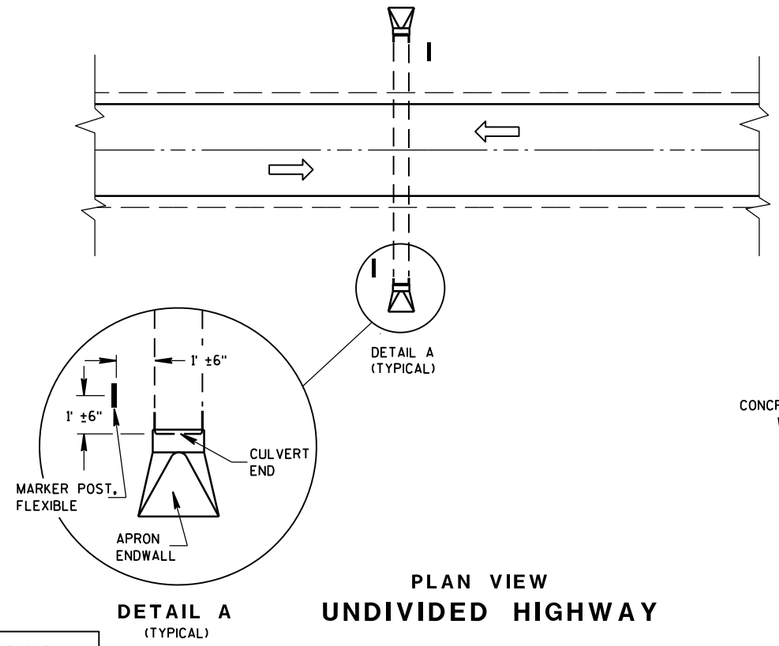
SDD 15A01 - 13a



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

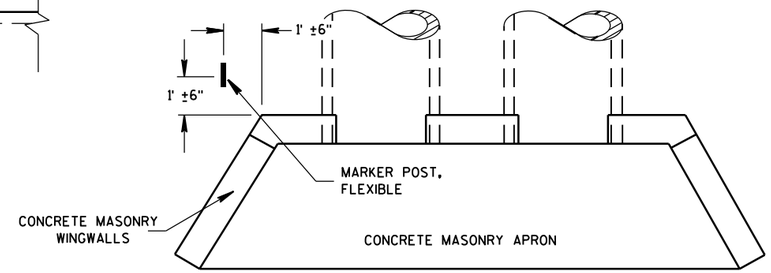
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

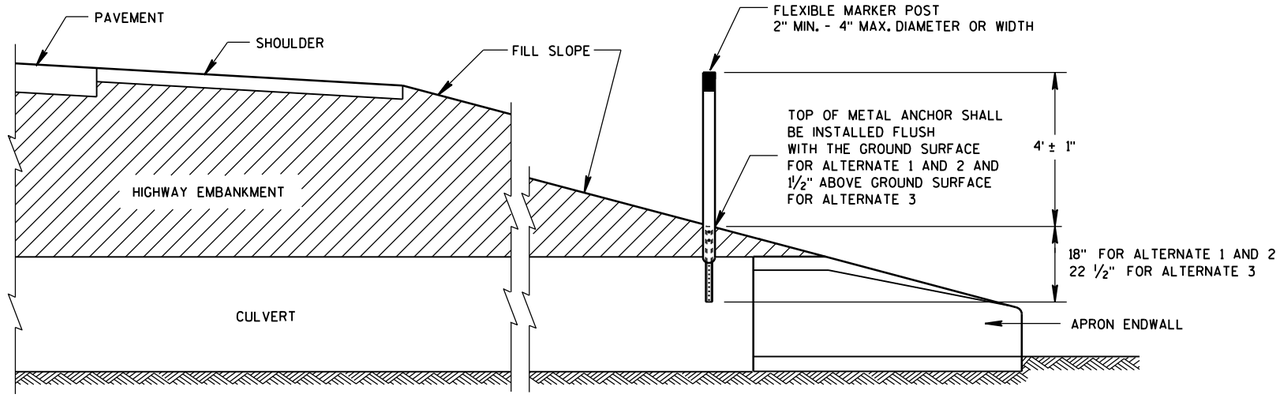
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 A 3-2a

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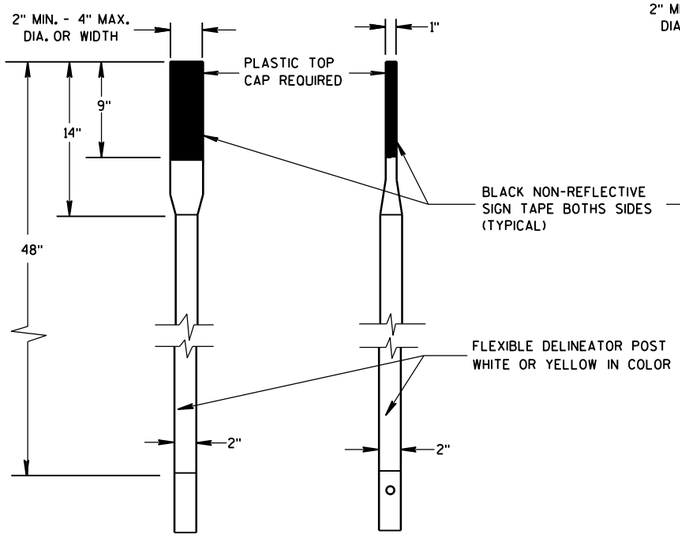
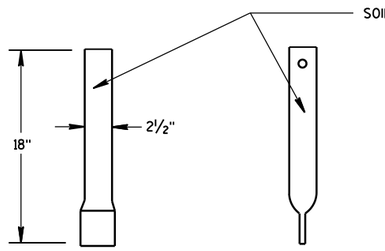
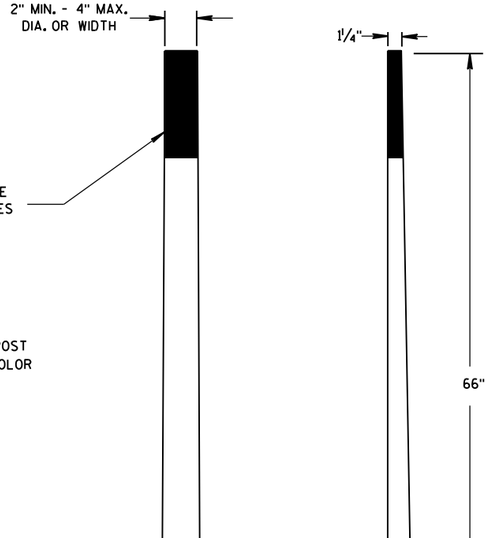
S.D.D. 15 A 3-2a





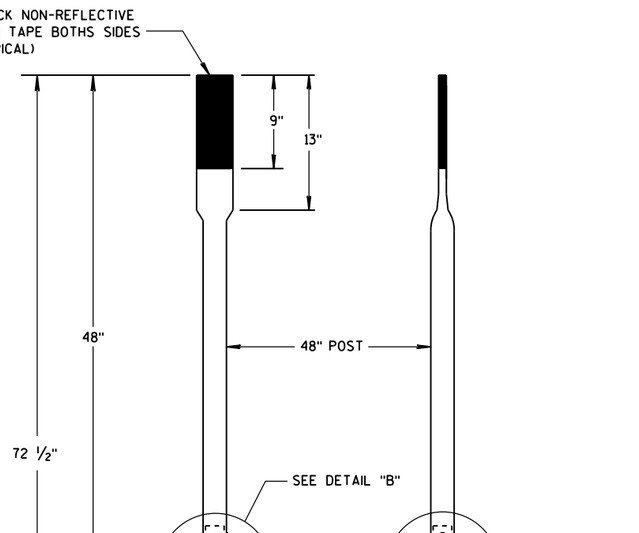
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

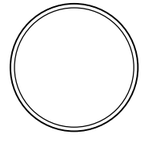
ALTERNATE 2



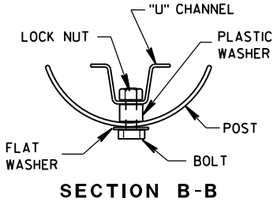
FRONT VIEW SIDE VIEW

ALTERNATE 3

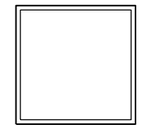
FLEXIBLE MARKER POSTS



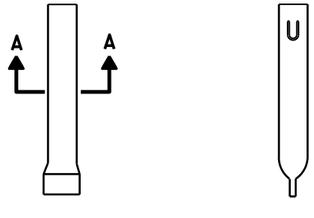
SECTION A-A



SECTION B-B

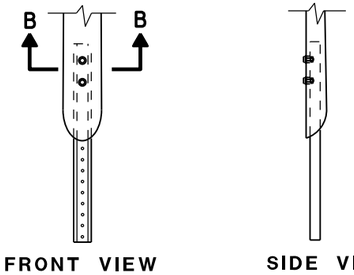


SECTION C-C



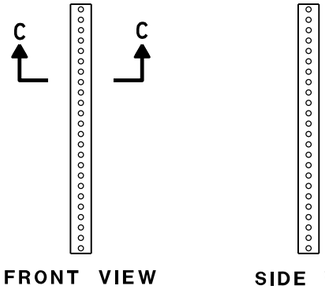
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

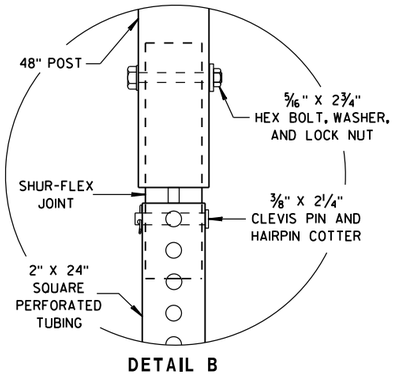
ALTERNATE 2



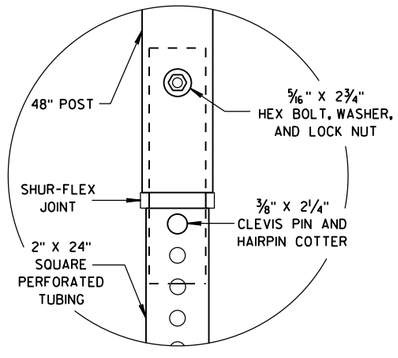
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

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S.D.D. 15 A 3-2b

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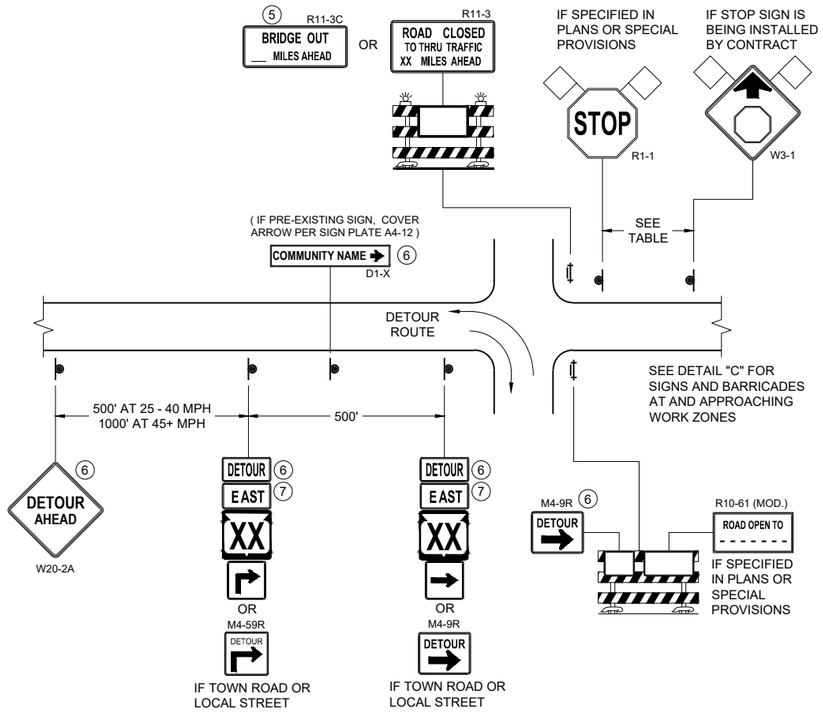
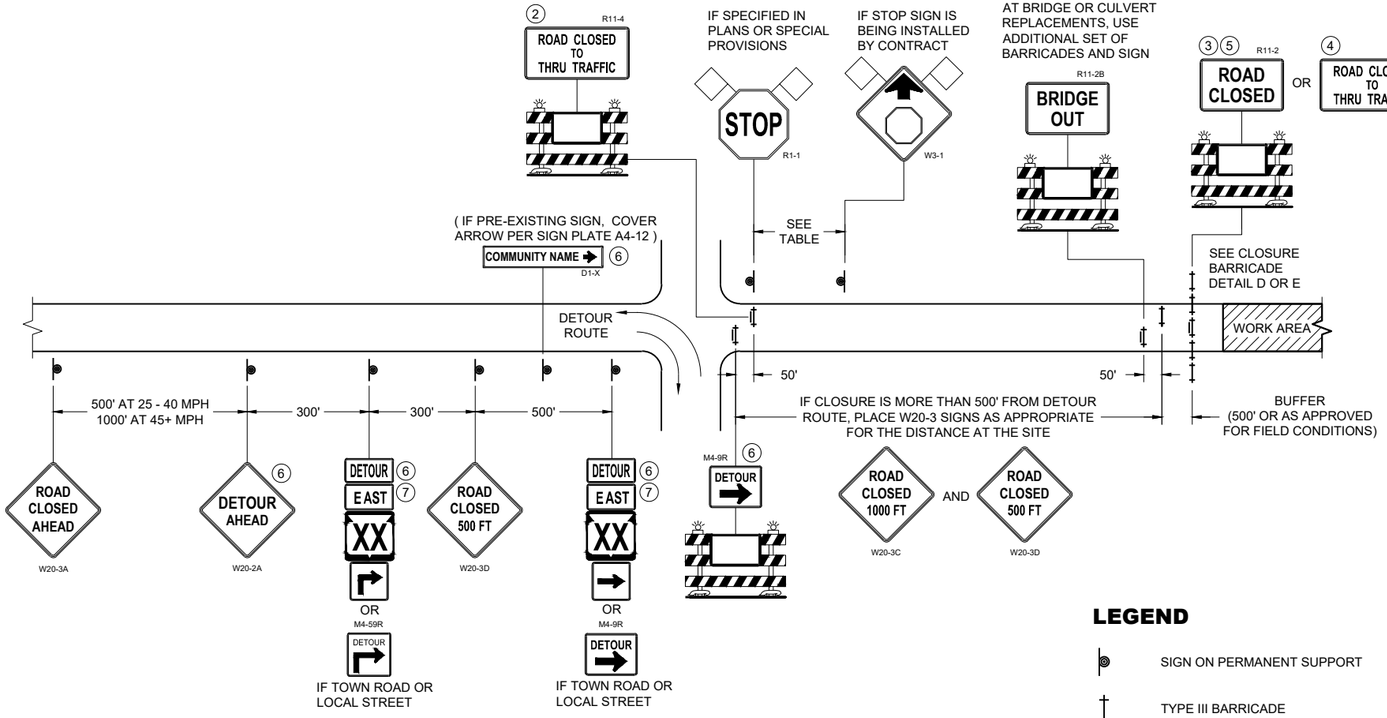
S.D.D. 15 A 3-2b



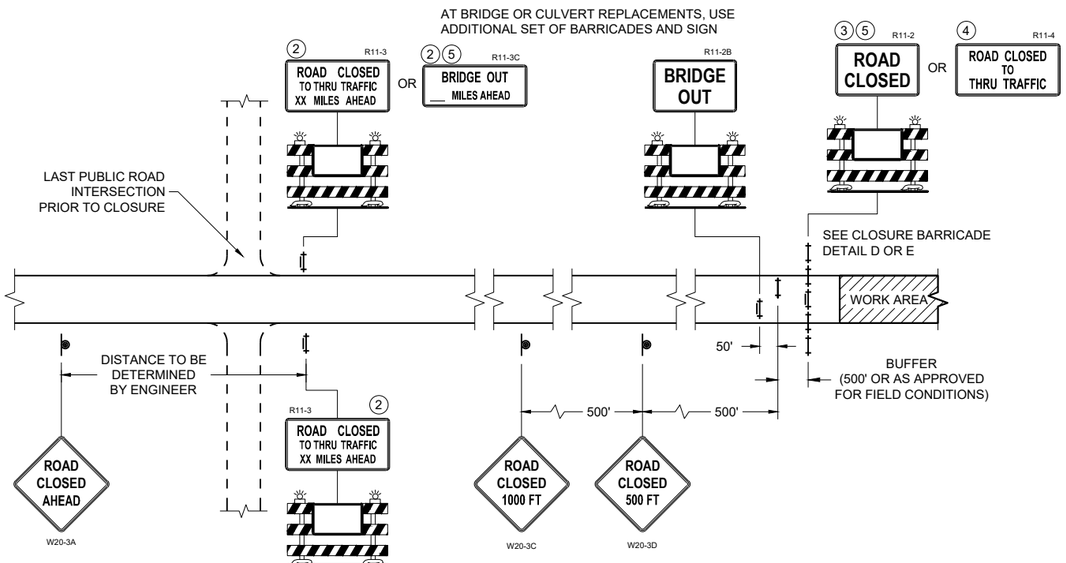
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES (1) THROUGH (7)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

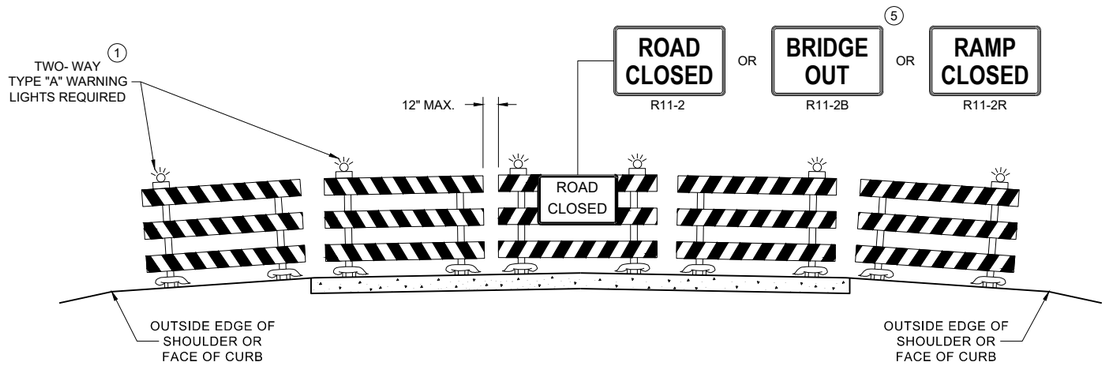
DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

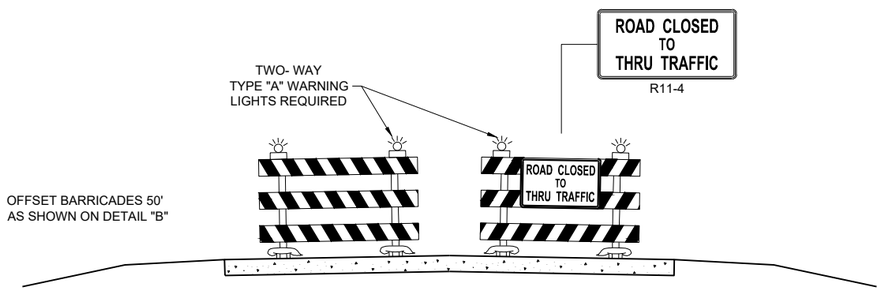
6
SDD 15C02-10a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

PARTIAL NUMBERS ON SIGNS SHALL BE DISPLAYED AS A WHOLE NUMBER(AS NEEDED) FOLLOWED BY A FRACTION. SIGNS SHALL NOT DISPLAY NUMBERS IN DECIMAL FORM.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

SIGNS PLACED ON TYPE III BARRICADES THAT ARE SIZES OTHER THAN 48"X30" SHALL HAVE A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE.

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

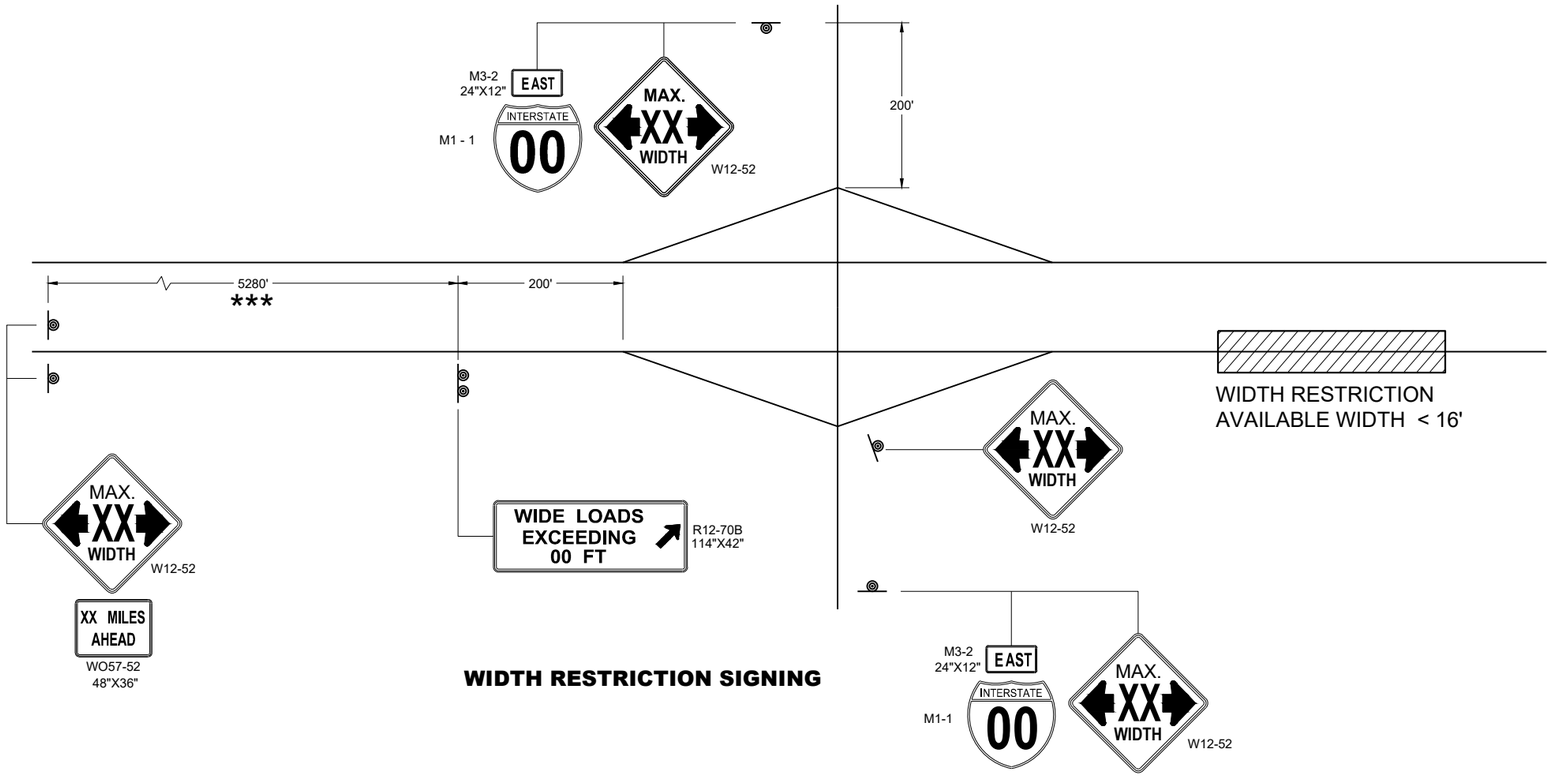
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15C02-10b



WIDTH RESTRICTION SIGNING

LEGEND

SIGN ON PERMANENT SUPPORT

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS 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 DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

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

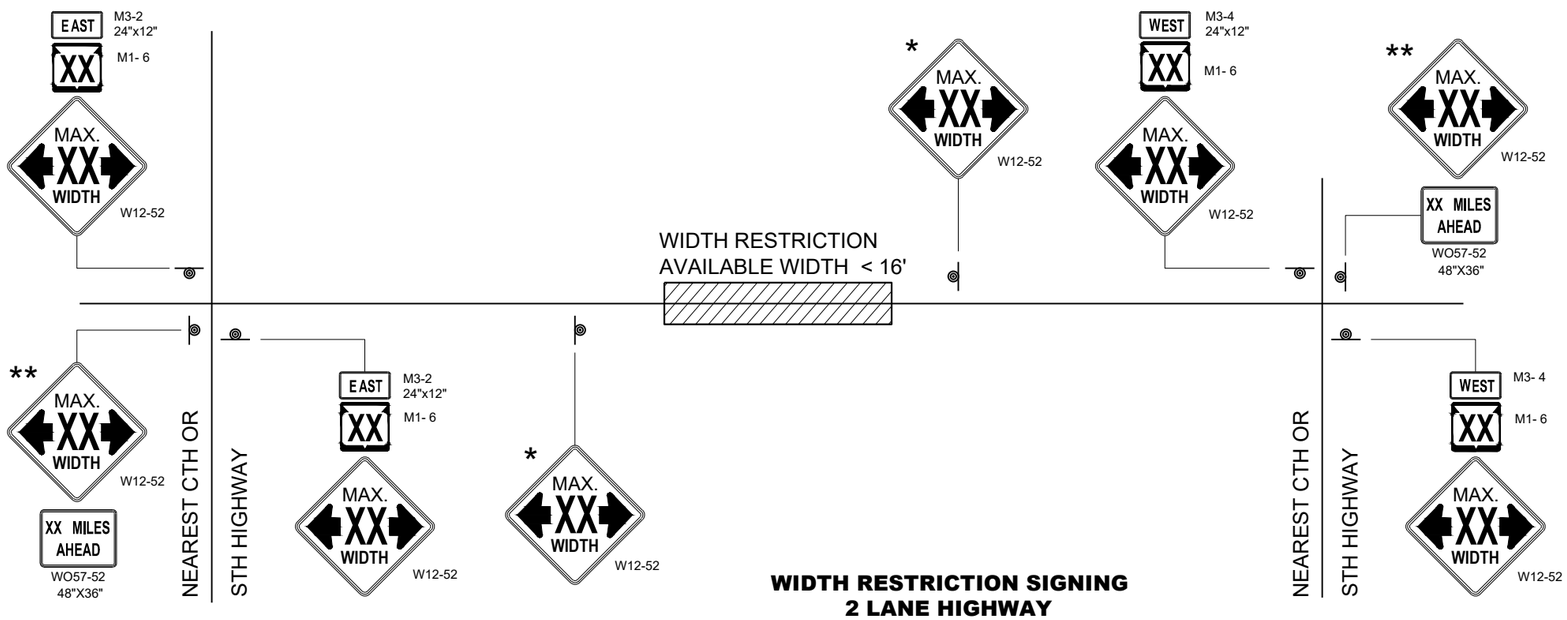
WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

* PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.

** SIGN SHALL BE VISIBLE FROM ROADWAY.

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.

WIDTH ON SIGN TO BE APPROX. 1 - FOOT LESS THAN AVAILABLE WIDTH



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

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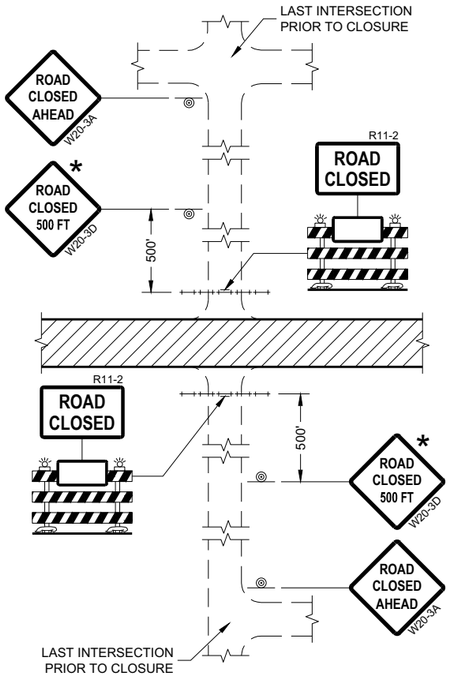
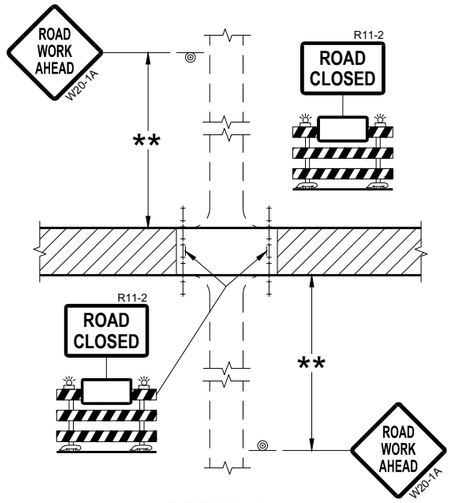
SDD 15C02-10f

SDD 15C02-10f



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

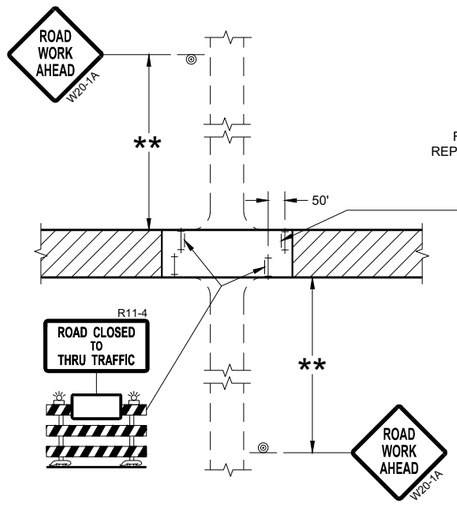
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

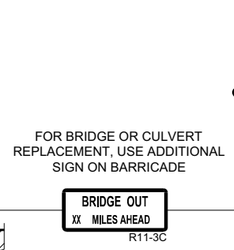
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

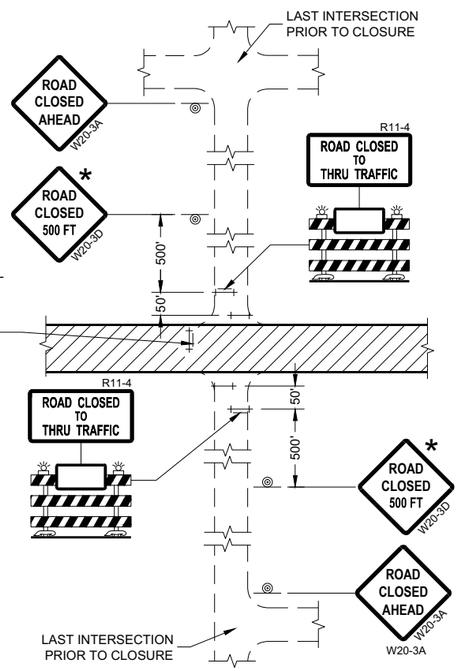
* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.





DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C03 - 05

SDD 15C03 - 05

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.

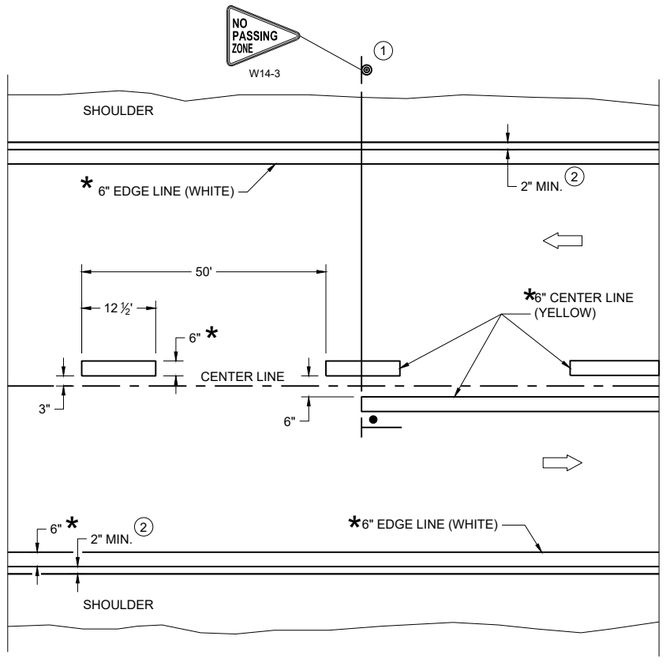
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

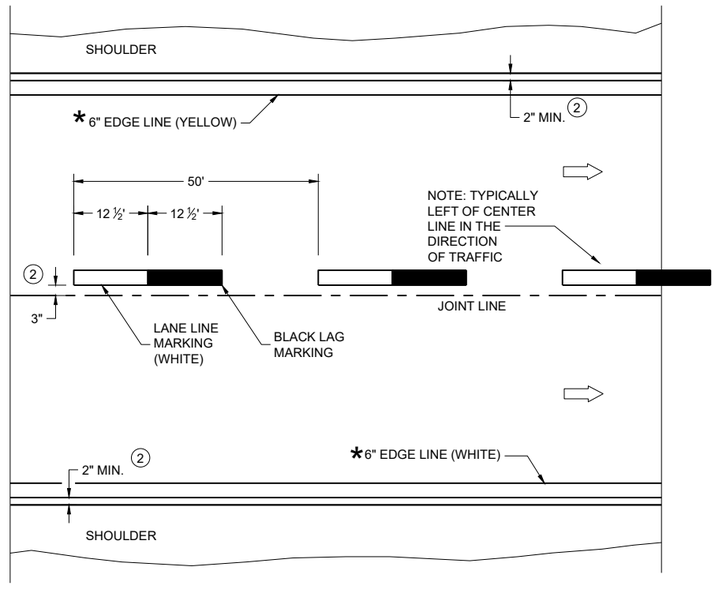
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

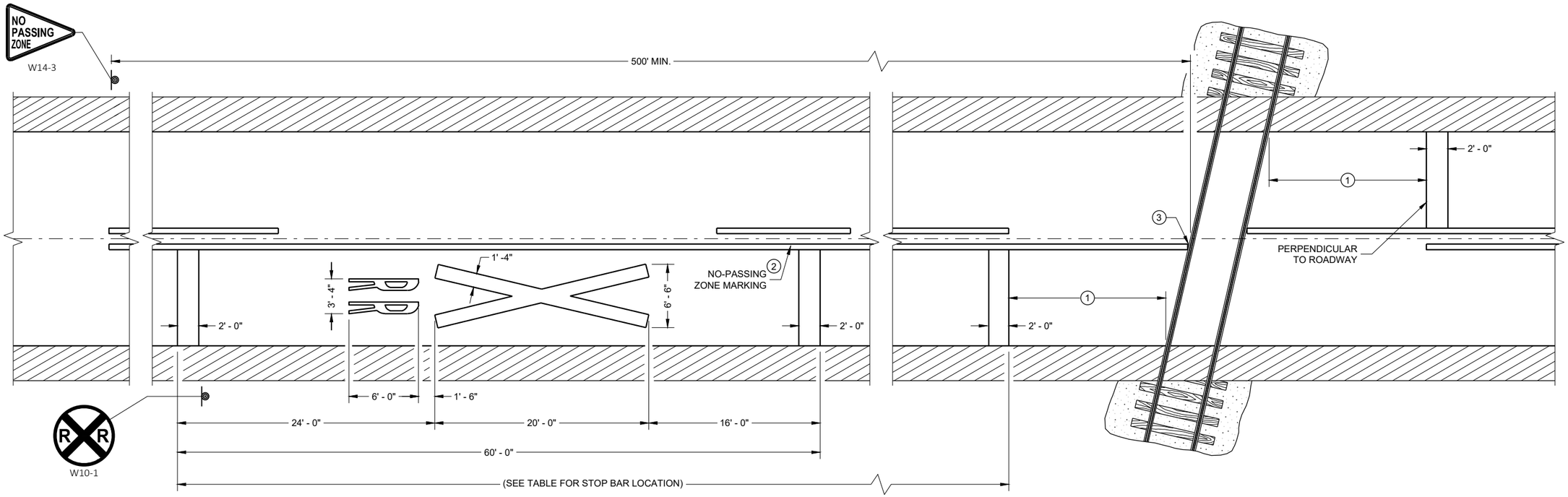
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

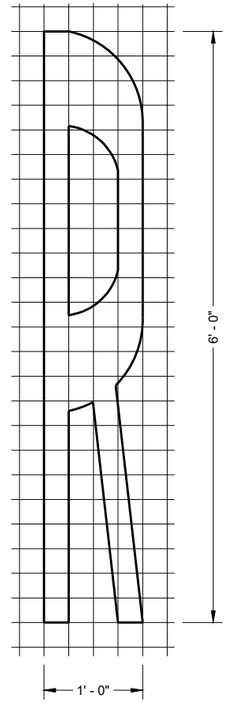
6

SDD 15C08-24a

SDD 15C08-24a



PAVEMENT MARKING



LEGEND

SIGN ON PERMANENT SUPPORT

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.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

(1) PLACE STOP BAR APPROXIMATELY 8 FEET IN ADVANCE OF THE GATE (IF PRESENT), BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL. FIELD-FIT STOP BAR TO MAXIMIZE VIEW OF APPROACHING TRAIN.

(2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.

(3) FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150* - 250'
30	200* - 300'
35	250* - 450'
40	300* - 500'
45	400* - 650'
50	550* - 800'
55	750* - 1000'
60	1000* - 1250'
65	1000* - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.

SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR ENGINEER

FHWA

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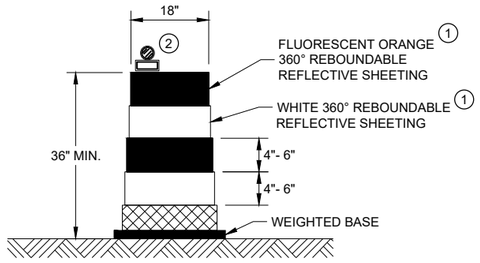
SDD 15C09-13a

SDD 15C09-13a

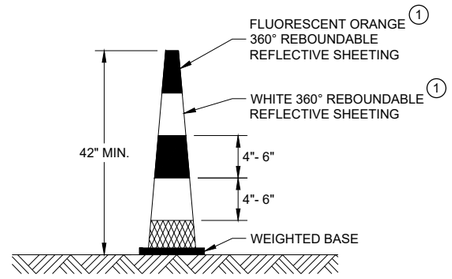
GENERAL NOTES

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

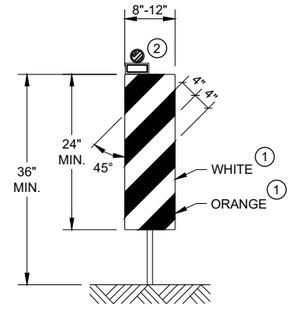
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

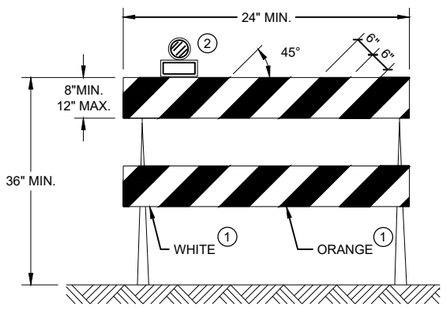
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



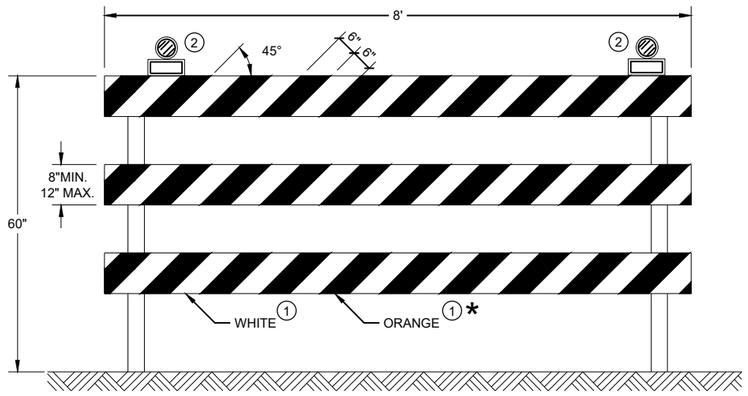
VERTICAL PANEL

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 ENGINEER
FHWA

6

SDD15C11 - 10b

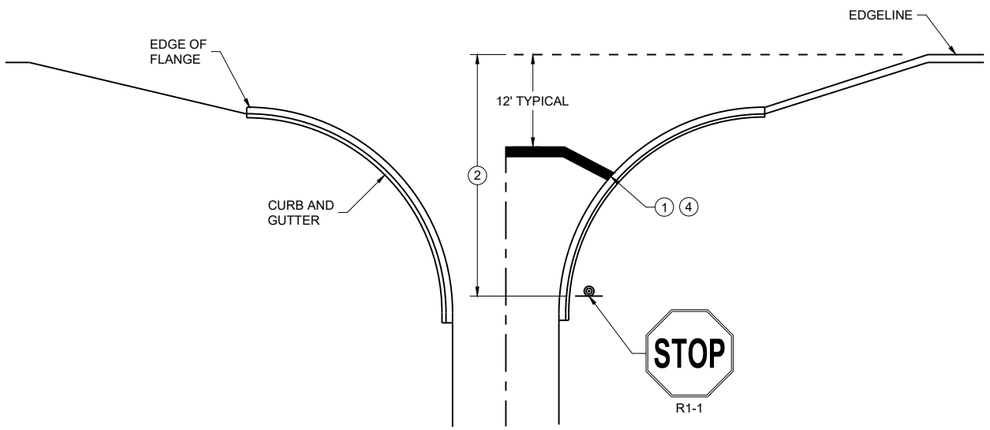
6

SDD15C11 - 10b

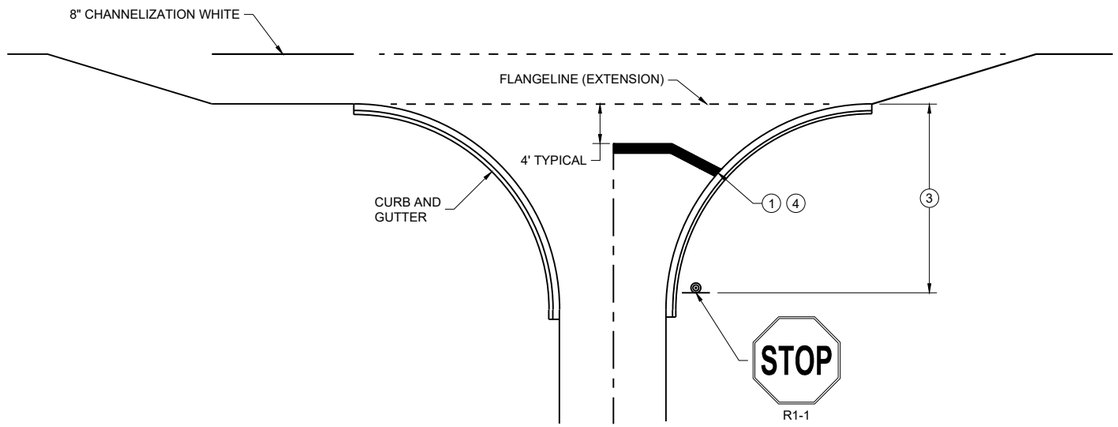
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

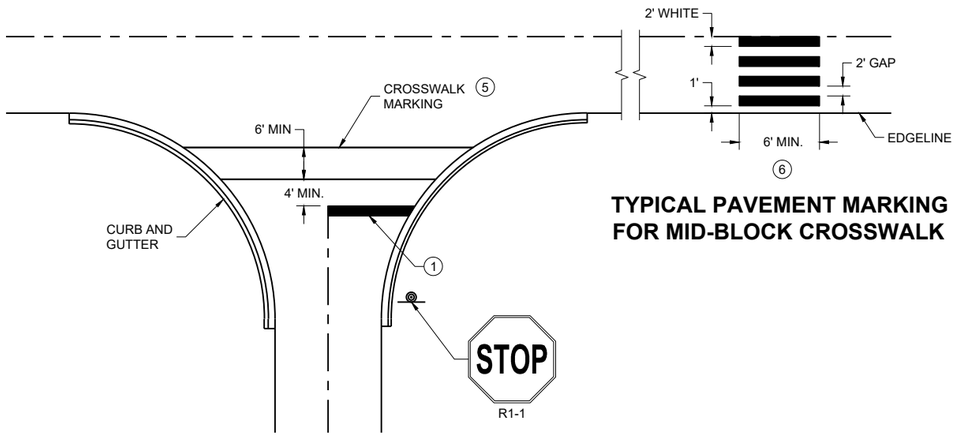
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

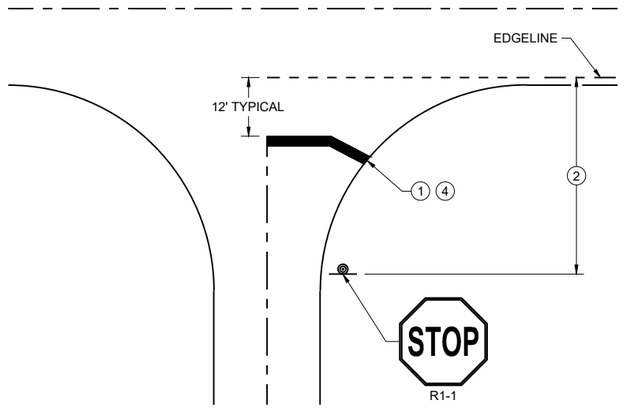


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS 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

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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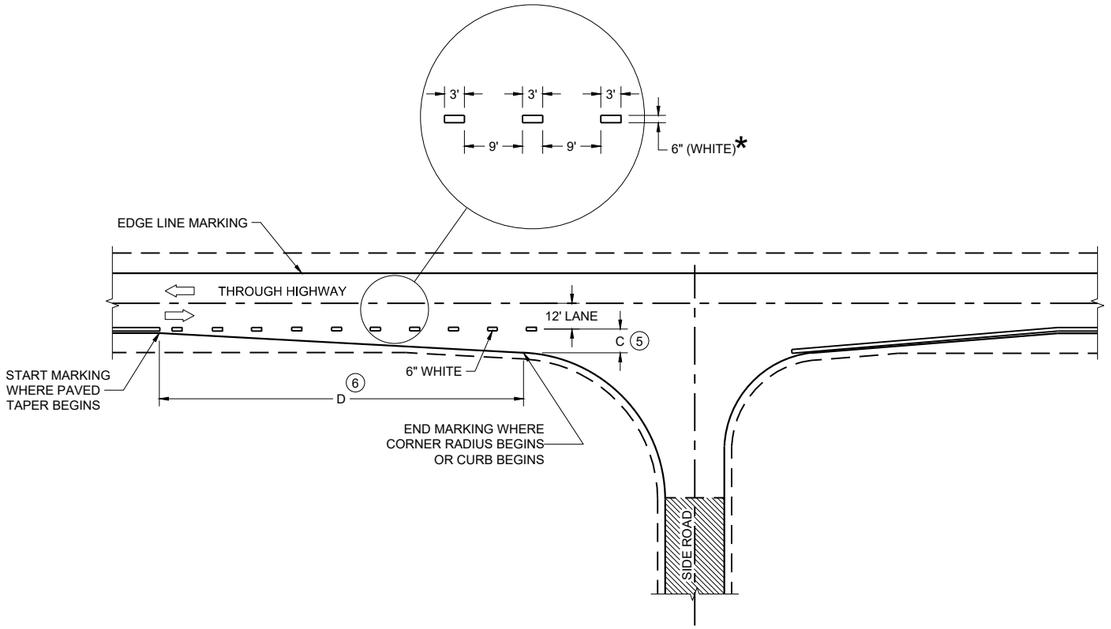
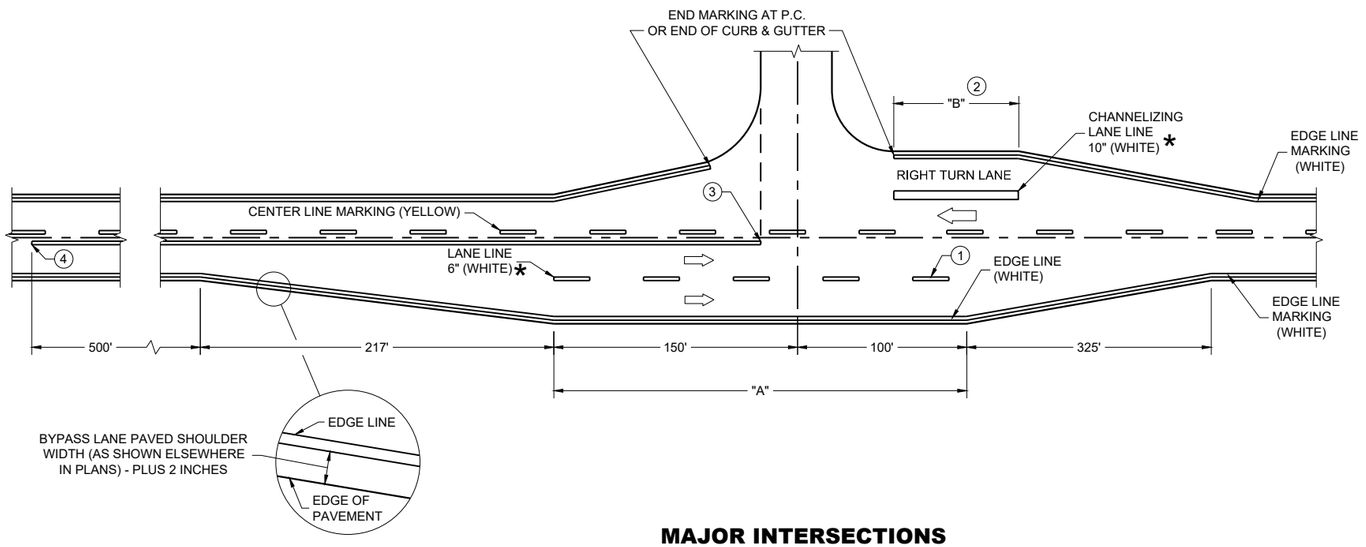
SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

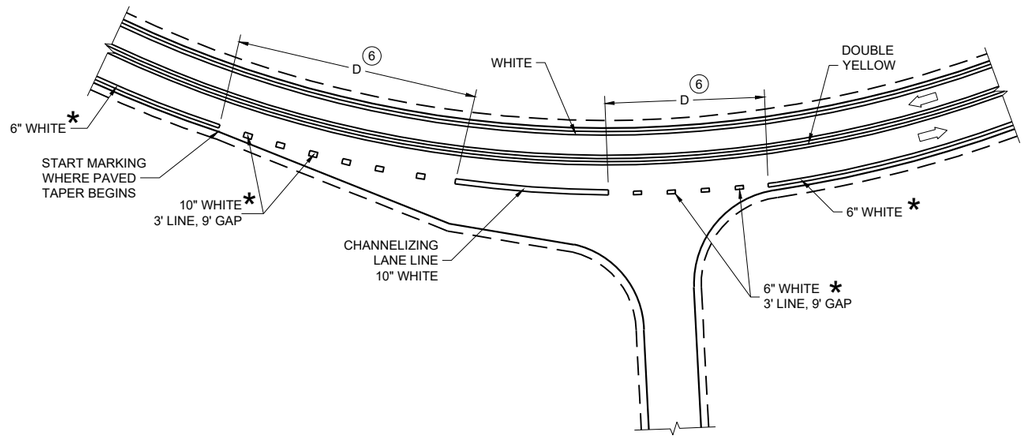
GENERAL NOTES

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

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.

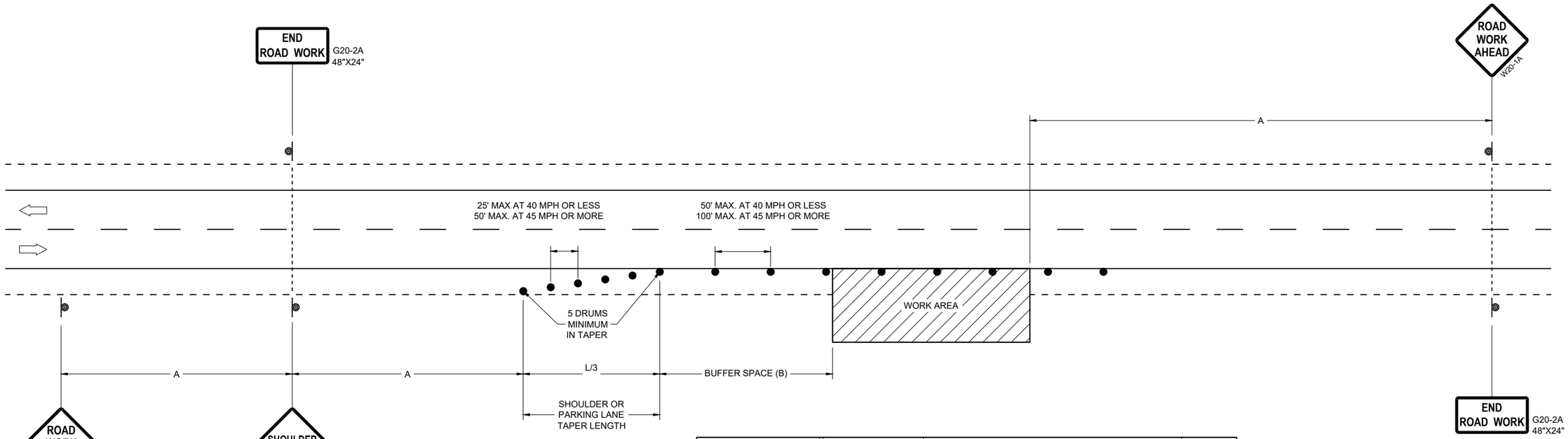
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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	155
30	200'	15	20	25	30	35	40	200
35	350'	20	27	34	40	47	54	250
40	350'	26	35	44	53	62	70	305
45	500'	45	59	74	89	104	119	360
50	500'	50	66	83	99	116	132	425
55	500'	54	73	91	109	127	145	495

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025
DATE

/S/ ANDREW HEIDTKE
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

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SDD 15D28-05

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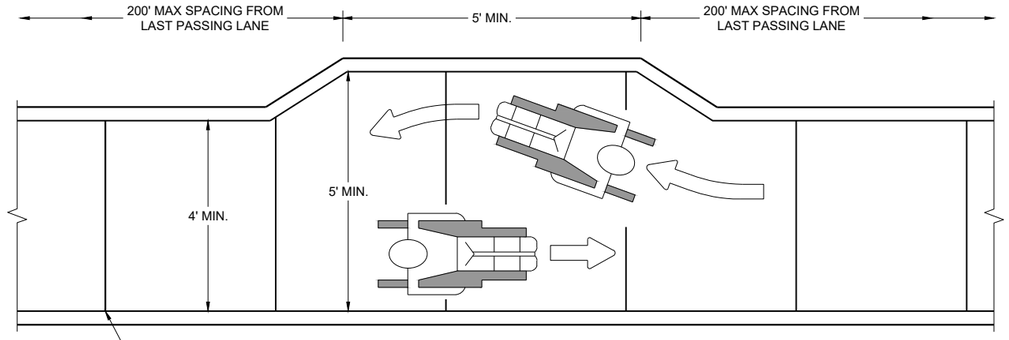
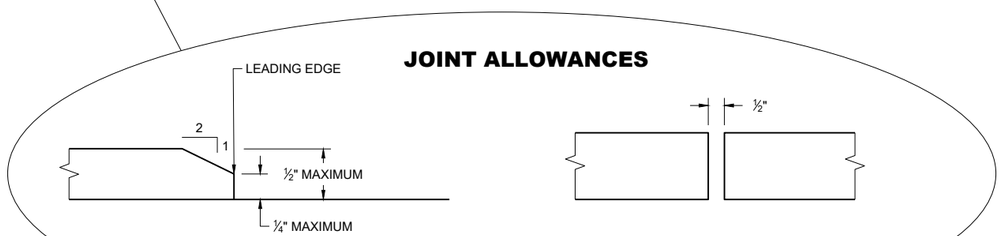
SDD 15D28-05



NARROW SIDEWALK PASSING DETAIL



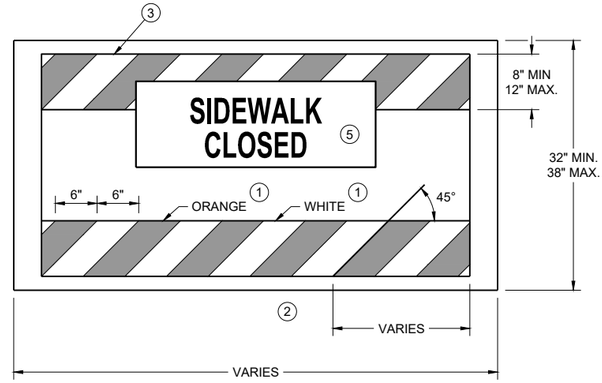
MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

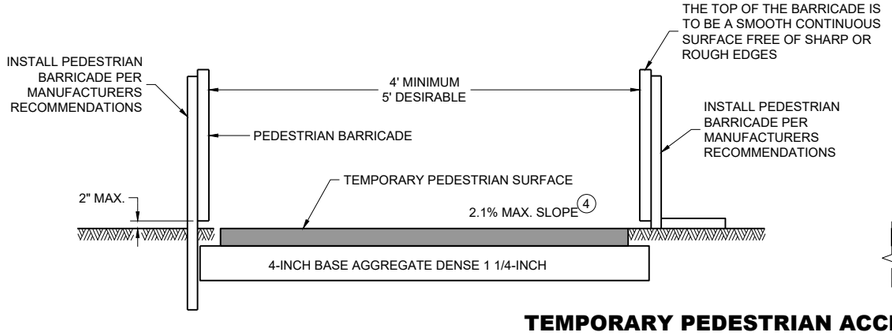
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

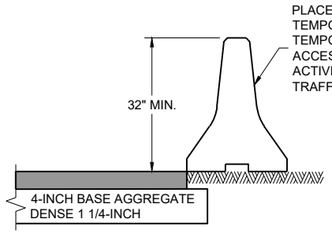
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.

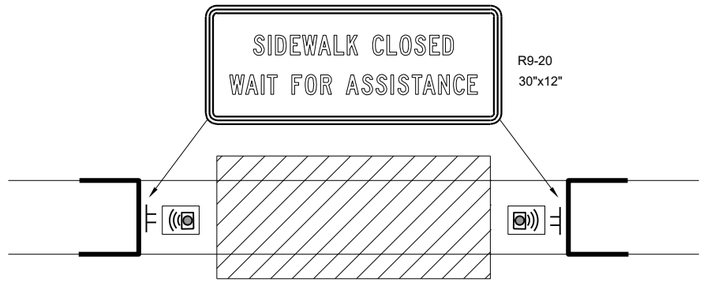


TEMPORARY PEDESTRIAN BARRICADE *



TEMPORARY PEDESTRIAN ACCESS





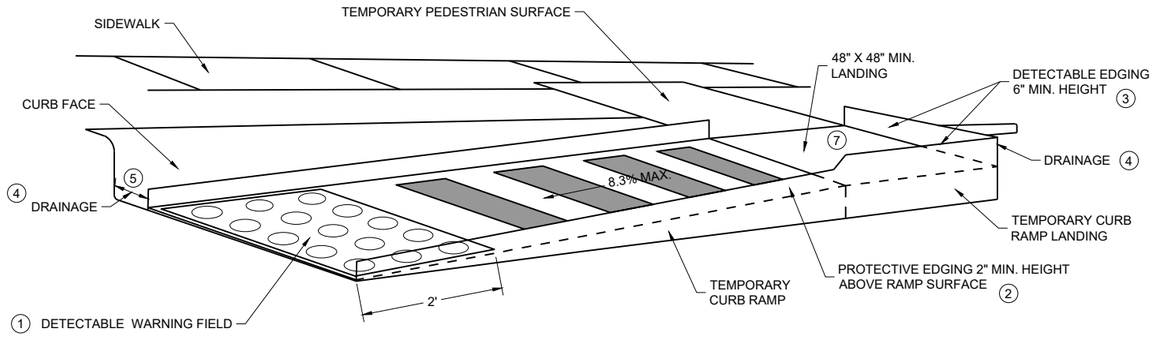
TEMPORARY PEDESTRIAN FLAGGING

LEGEND

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PERSPECTIVE VIEW

GENERAL NOTES

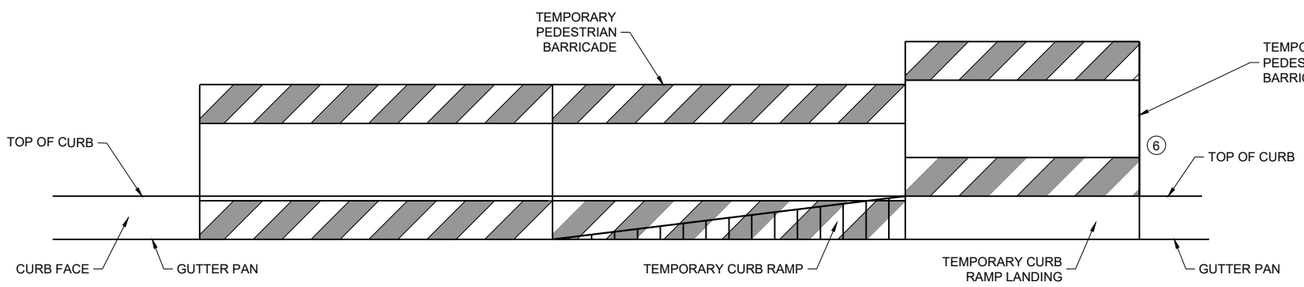
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

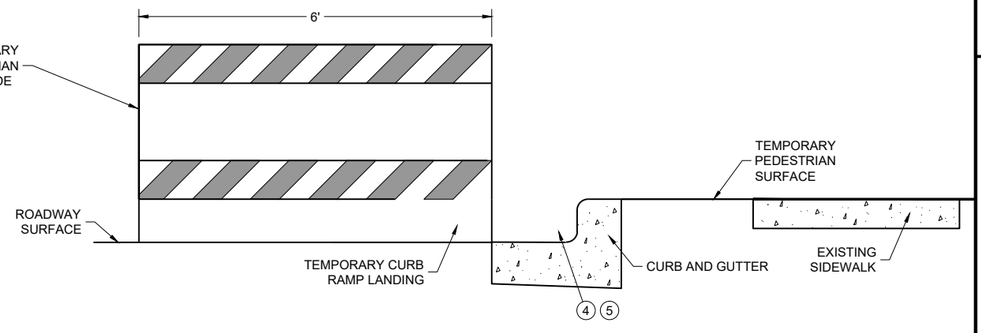
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

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.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12b

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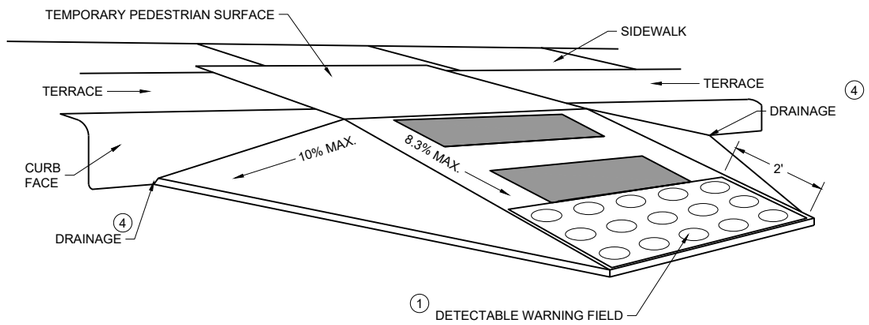
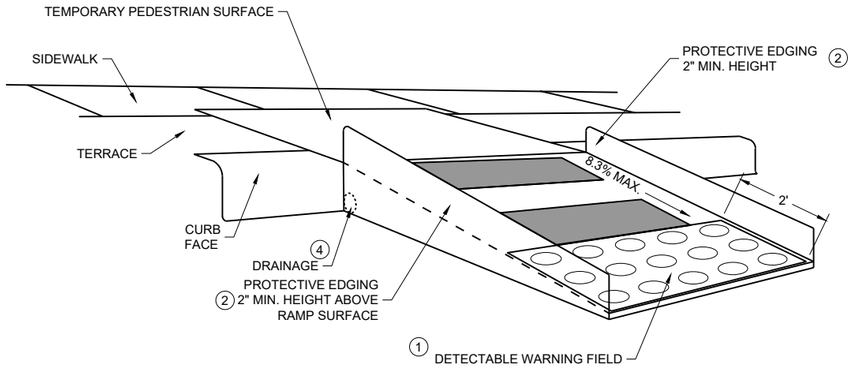
SDD 15D30-12b



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 1:48 (2.1%) 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.

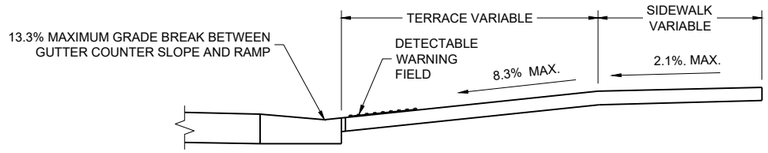
6

SDD 15D30-12c

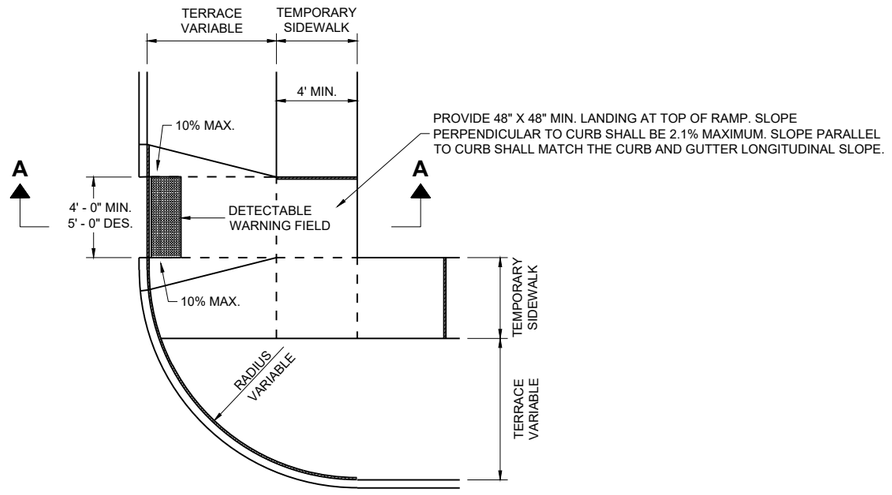
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES



SECTION A - A



PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

6

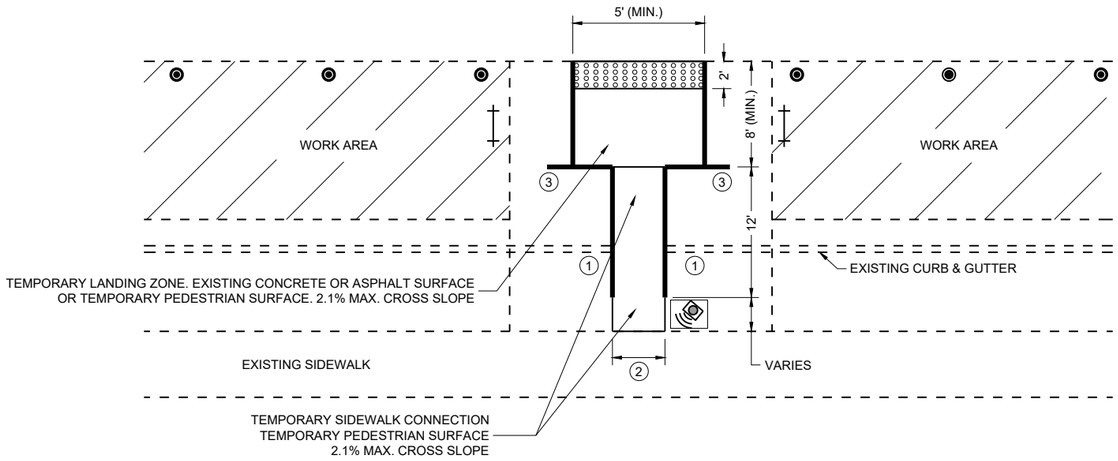
SDD 15D30-12d

6

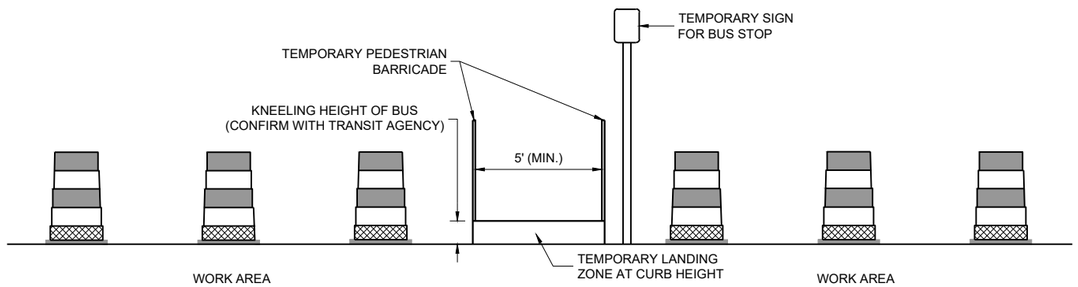
SDD 15D30-12d

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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 1:48 (2.1%) 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
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

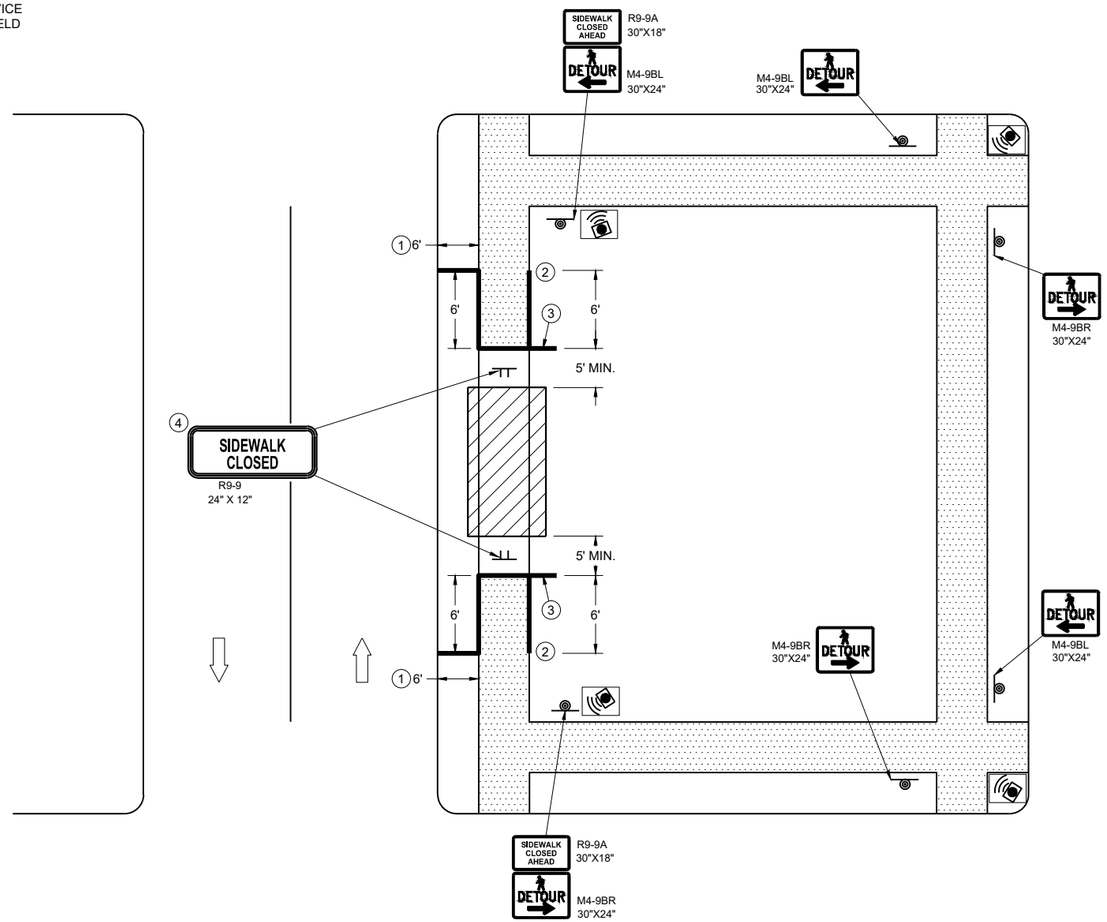
SDD 15D30-12e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

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.

6

SDD 15D30-12f

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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.

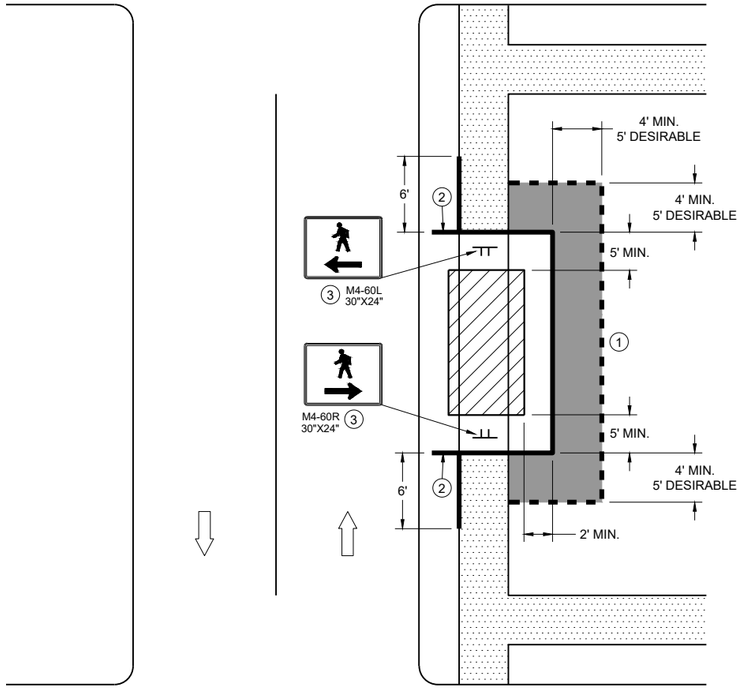
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

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 BYPASS
SINGLE SIDE

6

SDD 15D30-12g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12g

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.

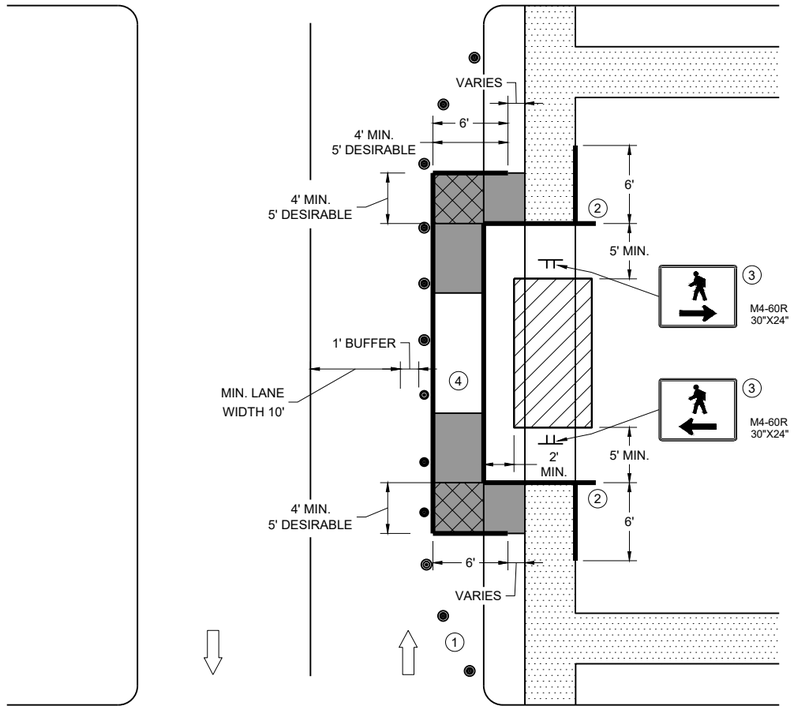
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(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 SURFACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.



SIDEWALK BYPASS, SINGLE SIDE

6

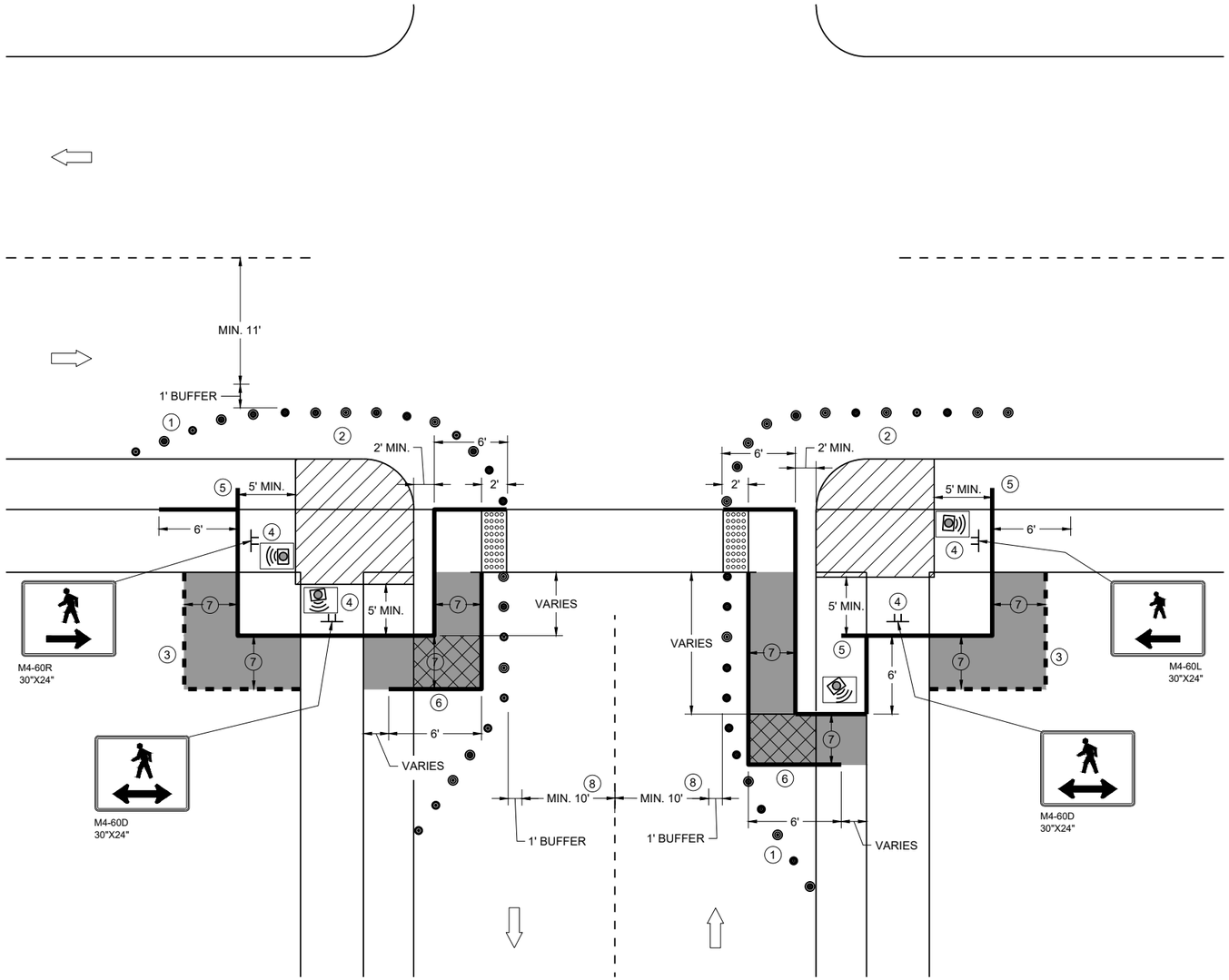
SDD 15D30-12h

6

SDD 15D30-12h

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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.

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.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

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.

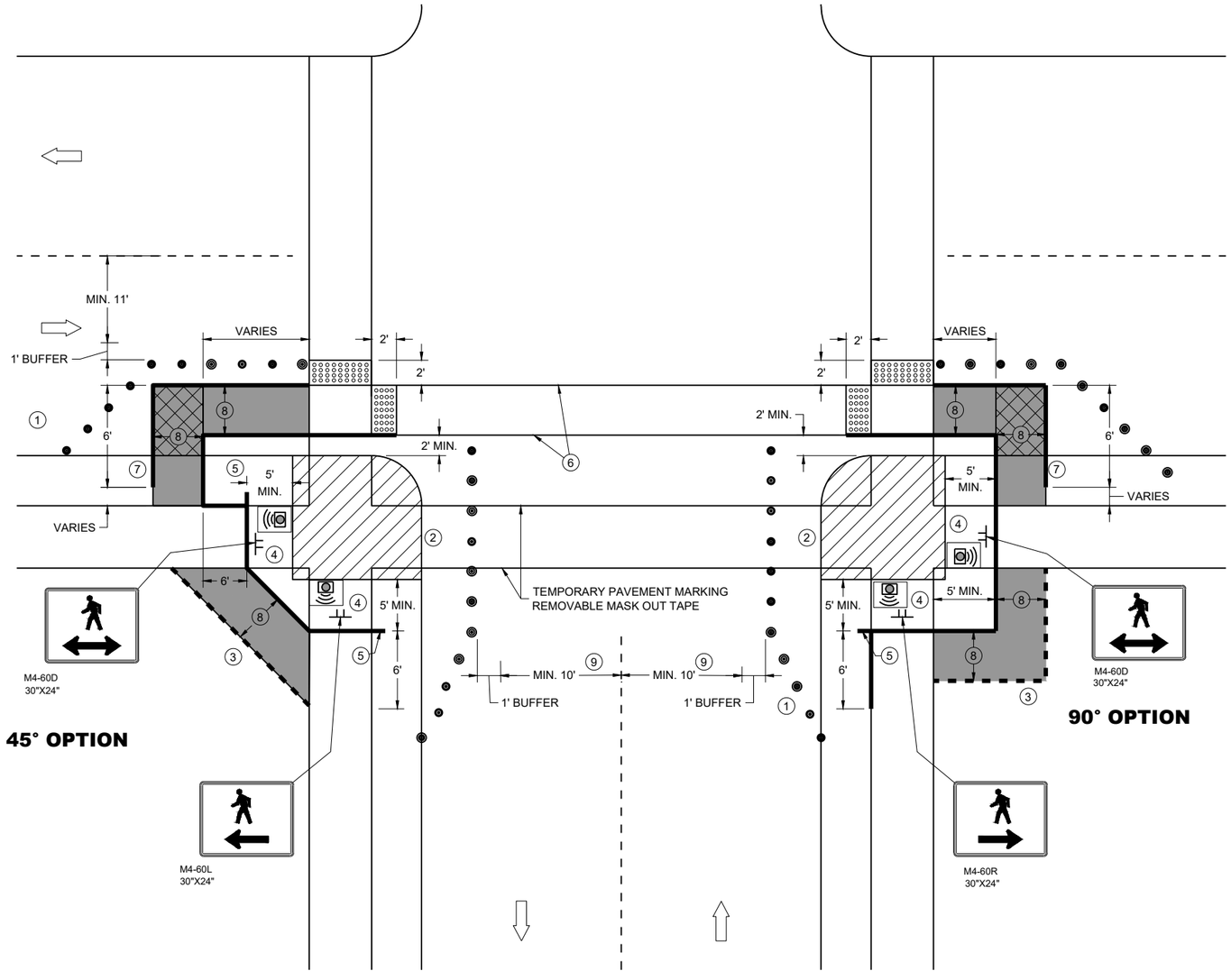
LEGEND

- 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
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12i



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.

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.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

(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
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

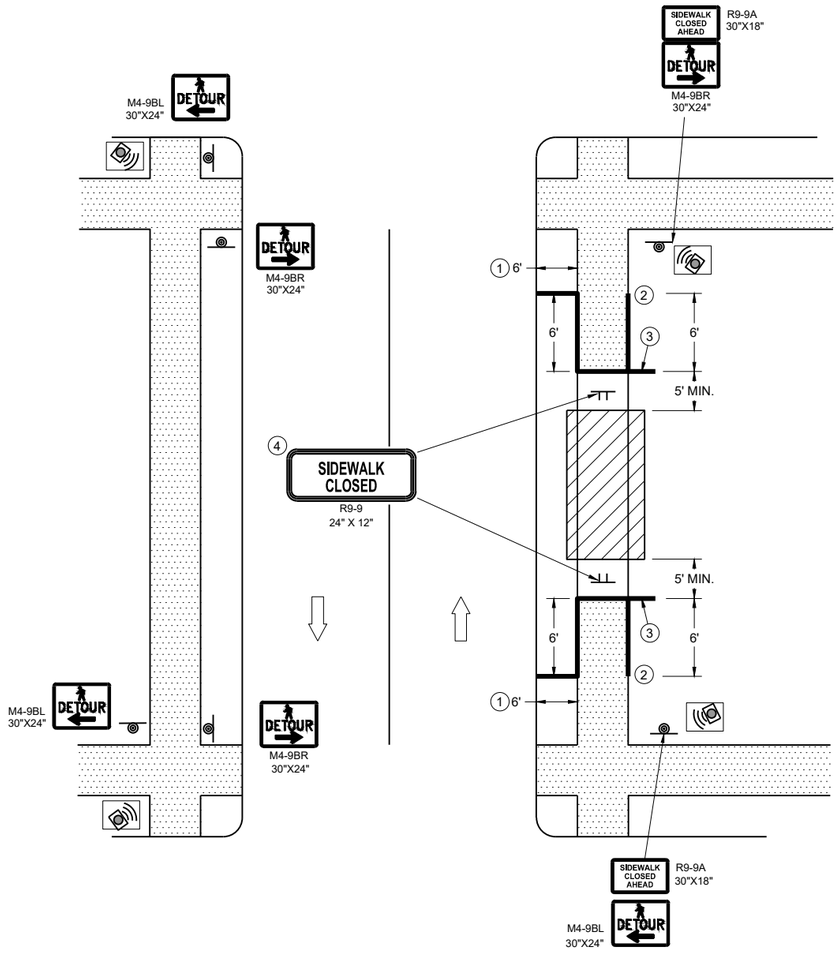
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12j

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

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.

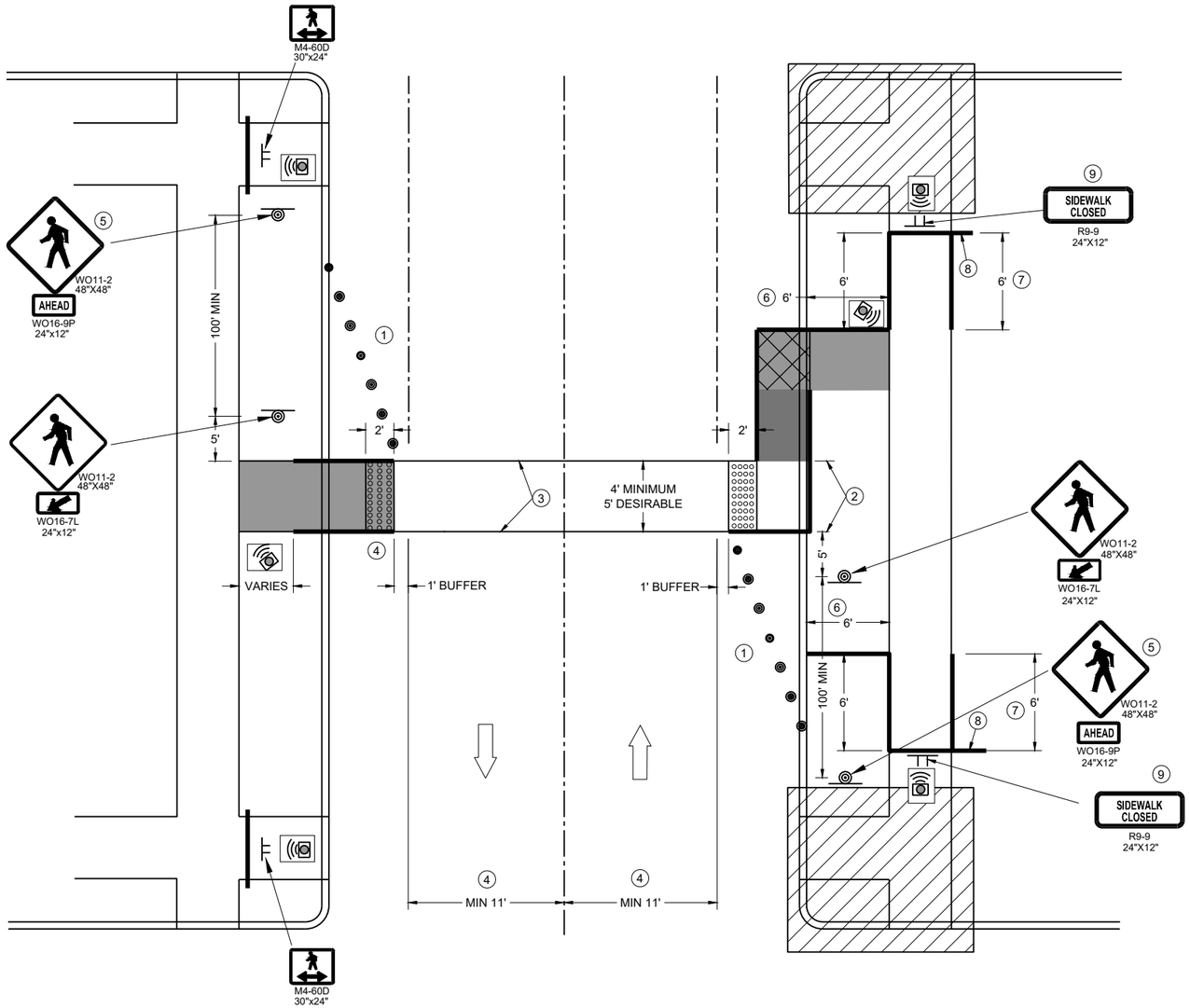
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN 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.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12k



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

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
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6
SDD 15D30-12I

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					BUFFER SPACE (B) FEET
		10	11	12	13	14	
25	200	52	57	63	68	73	155
30	200	75	83	90	98	105	200
35	350	102	112	123	133	143	250
40	350	133	147	160	173	187	305
45	500	225	248	270	293	315	360

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) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT RIGHT - REVERSE FOR SHIFTING LEFT.

ALL SIGNS ARE 48"x48" 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 AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

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 LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

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

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

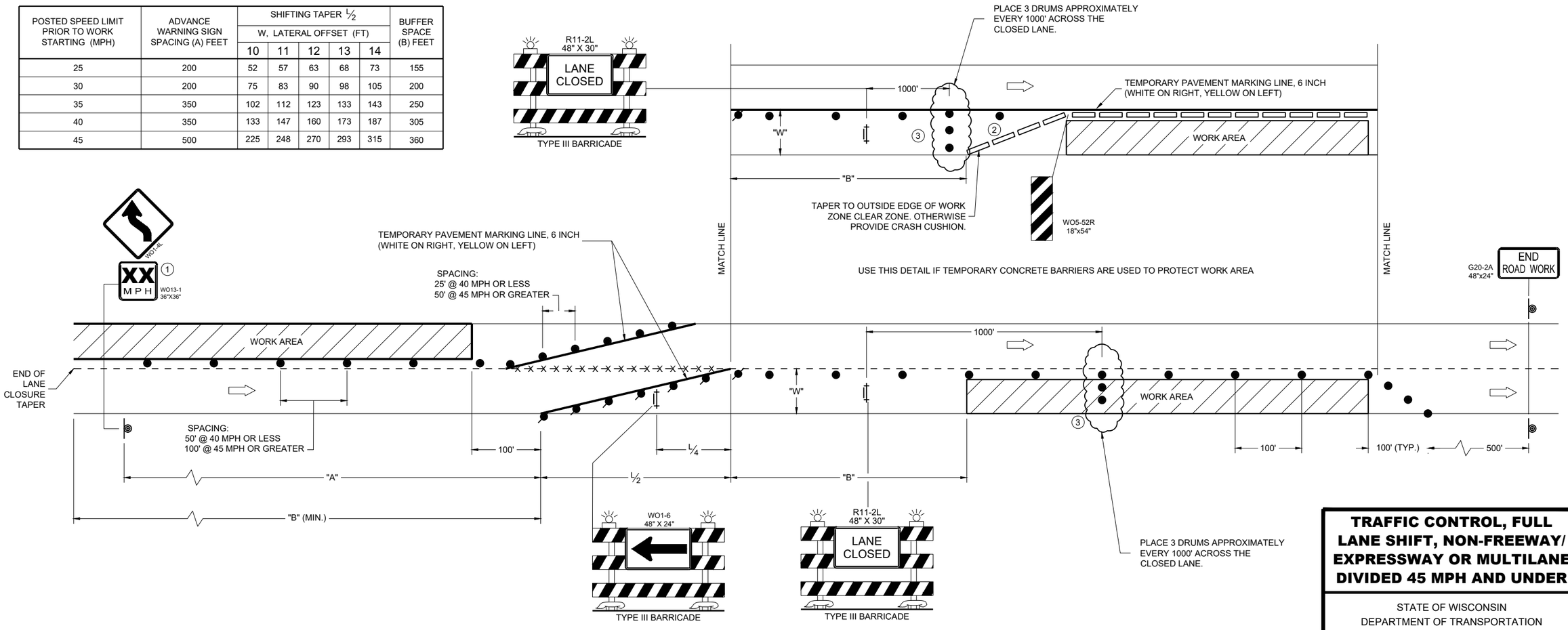
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER

SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 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.

(1) USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(2) BARRIER FLARE RATE: 6:1 @ 40 MPH OR LESS
8:1 @ 45 MPH OR GREATER

(3) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



TRAFFIC CONTROL, FULL LANE SHIFT, NON-FREEWAY/ EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

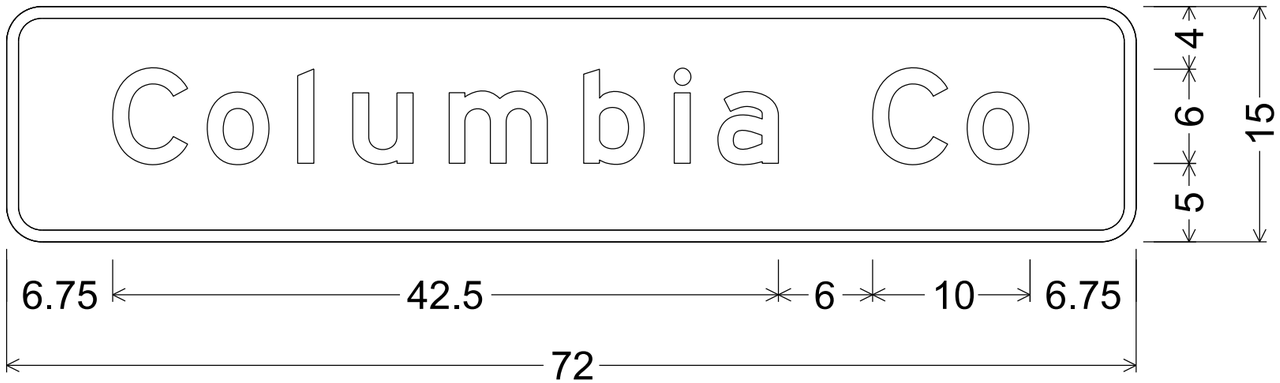
APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6
SDD 15D40-07a

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



I2-2; 2.250" Radius, 0.750" Border

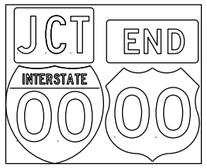
7

7

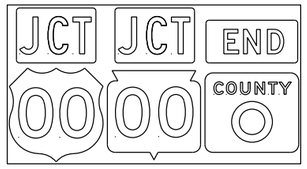
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET NO: 188	E

TYPICAL ASSEMBLIES

J1-1



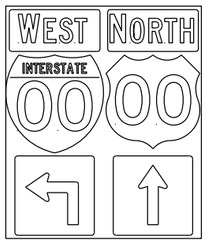
J1-2



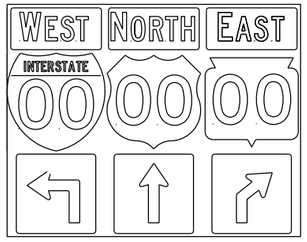
J1-3

JR1-1

J2-1

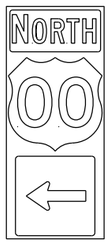


J2-2

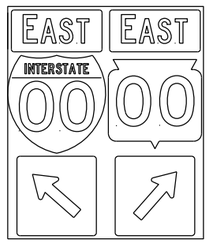


J2-3

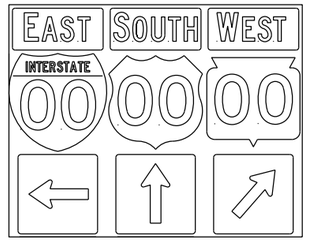
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



J3-1

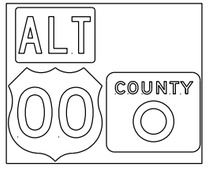


J3-2



J3-3

J4-1



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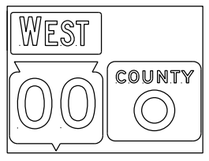
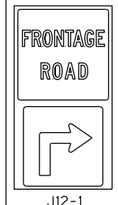
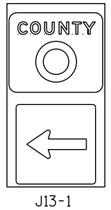


J4-2



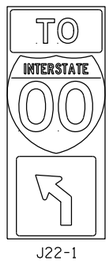
J12-1



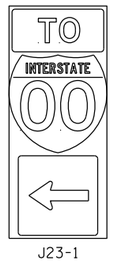
J13-1

J32-1

J33-1



J22-1

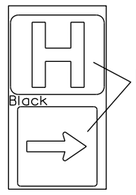


J23-1

JR13-1

JR23-1

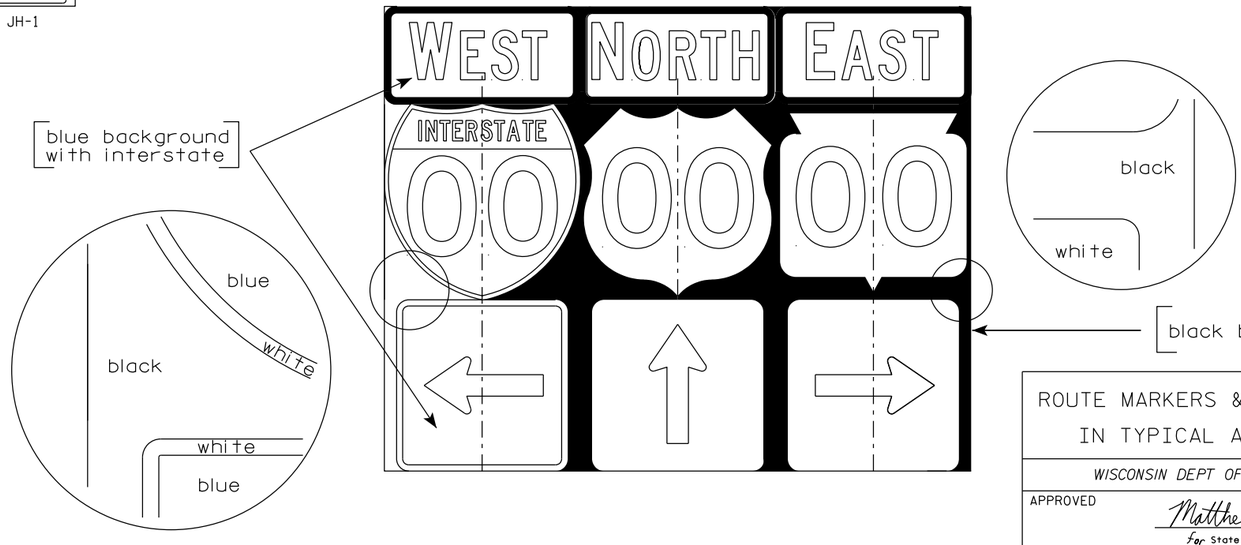
JR99-1



JH-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/23 PLATE NO. A2-1S.10

PROJECT NO:

SHEET NO: 189 E

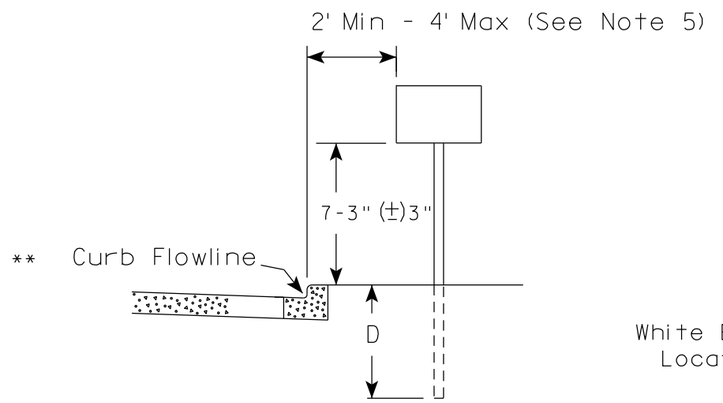
FILE NAME : C:\CAEfiles\Projects\tr_stdplate_A21S.dgn PLOT DATE : 7-JUN 2023 9:14 PLOT BY : mscj9h PLOT NAME :

WISDOT/CADDS SHEET 42

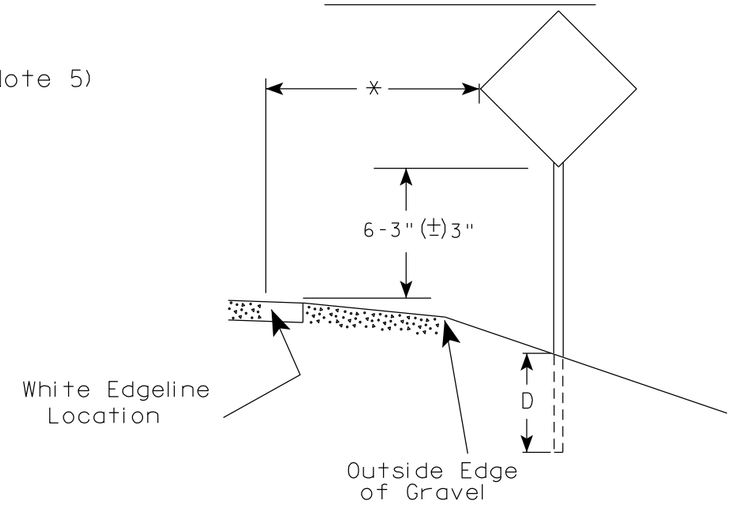
7

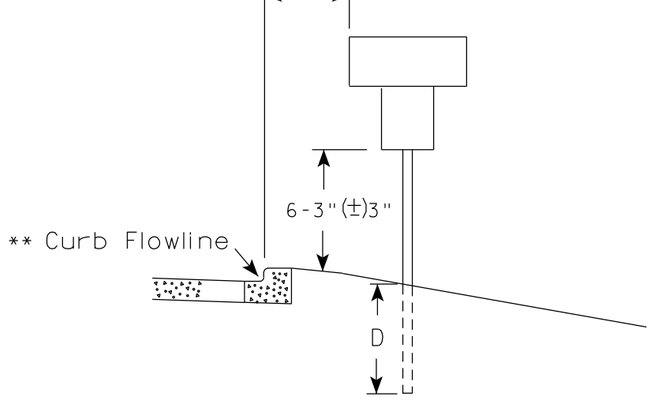
7

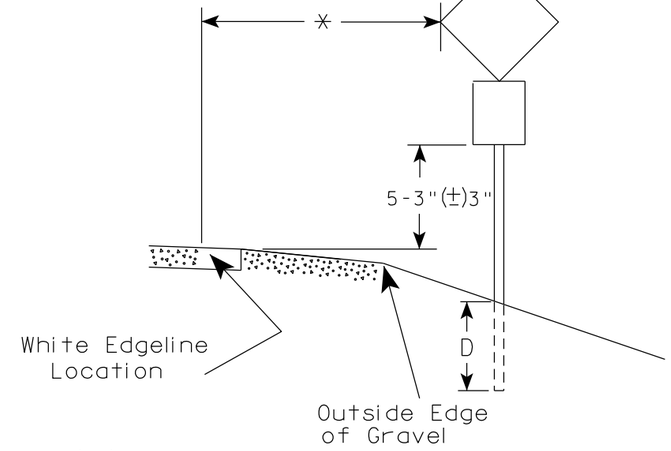
URBAN AREA



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.

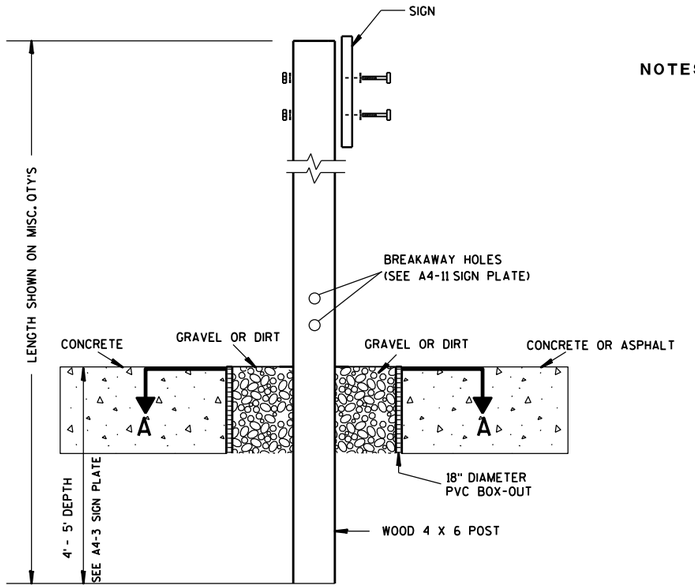
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

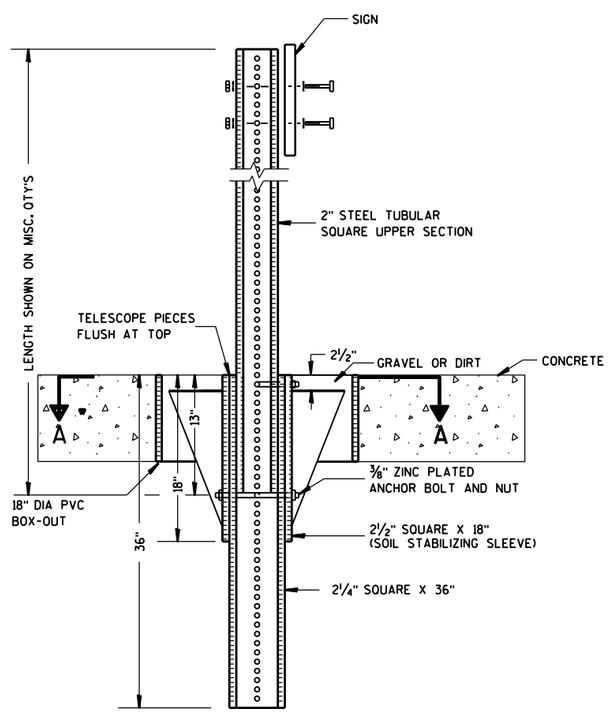
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 190	E



ELEVATION VIEW

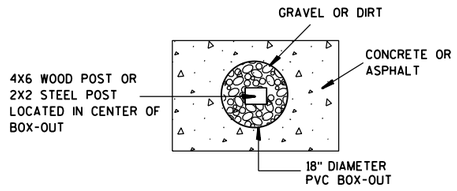
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

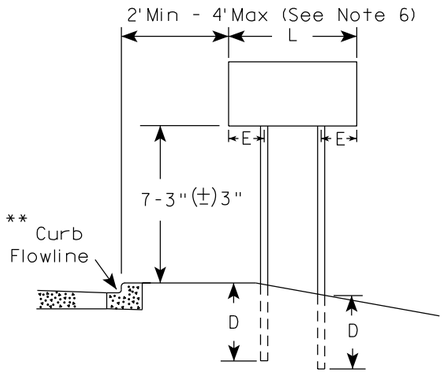
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

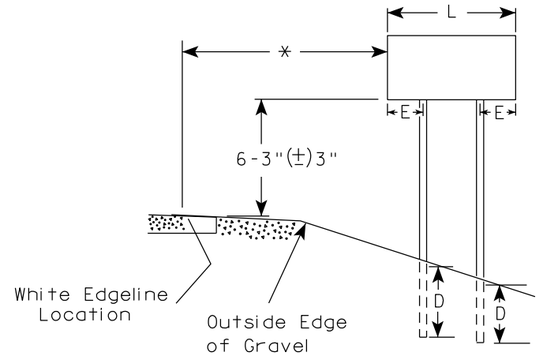
DATE 1/27/14 PLATE NO. A4-3B.1

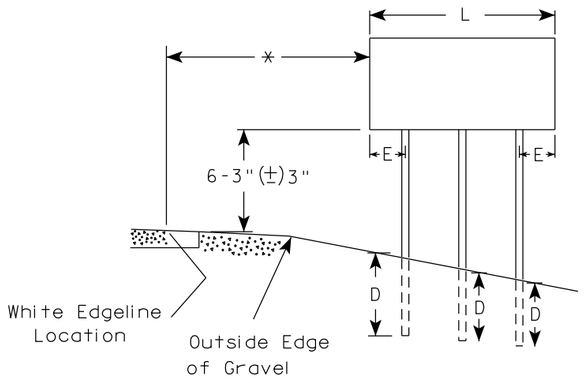
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

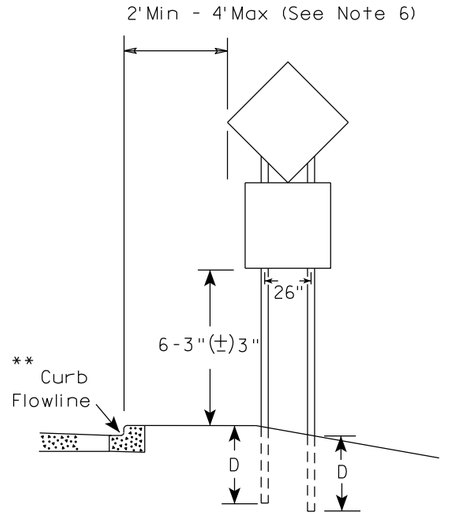
URBAN AREA



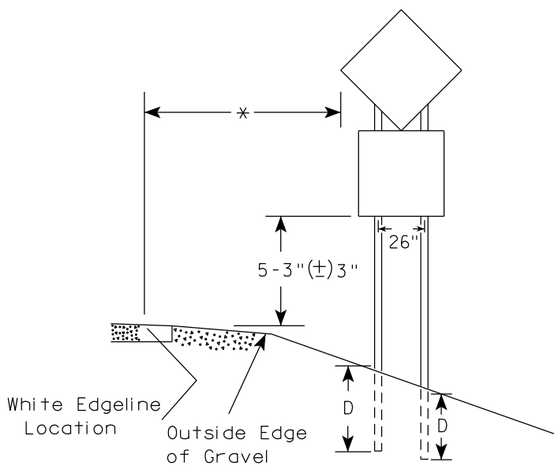
RURAL AREA (See Note 3)







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'

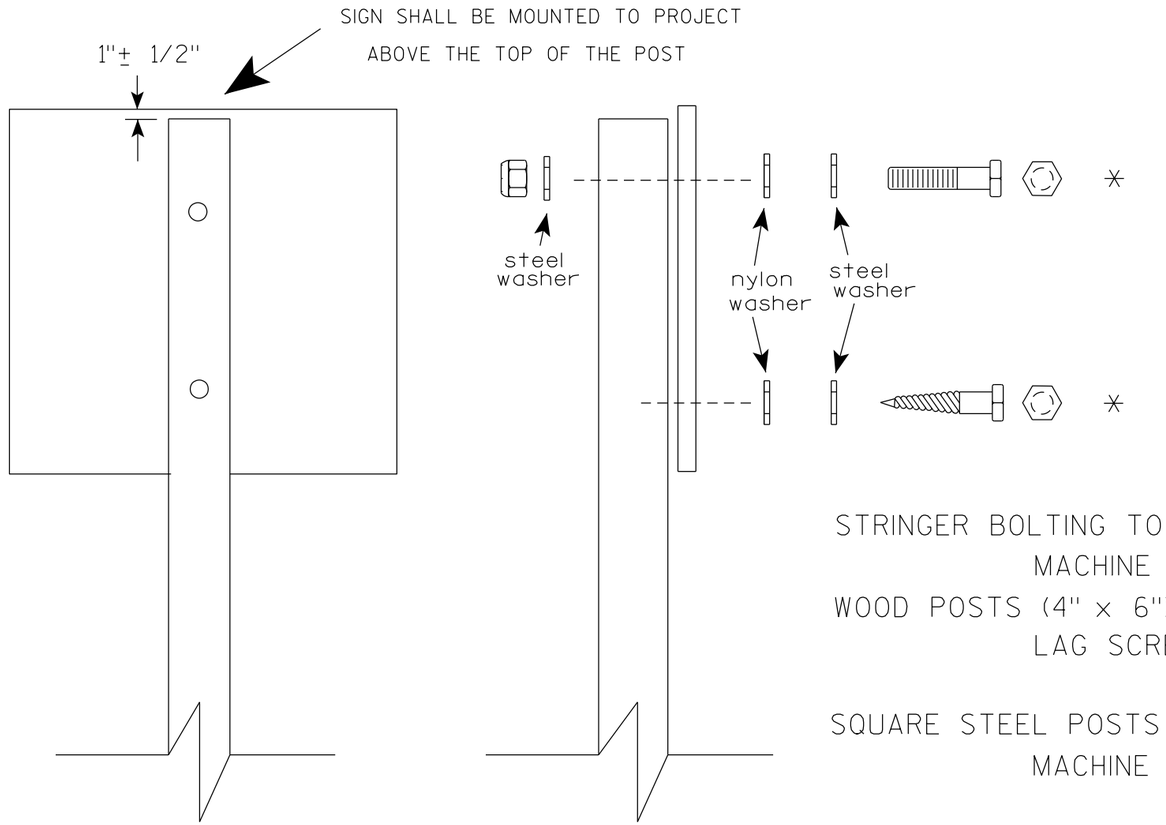
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 192	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

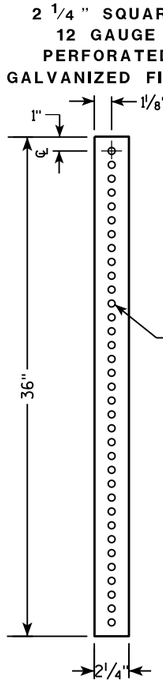
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

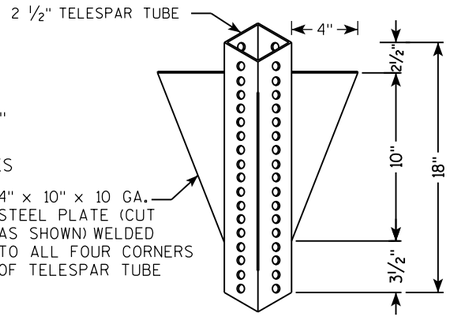
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

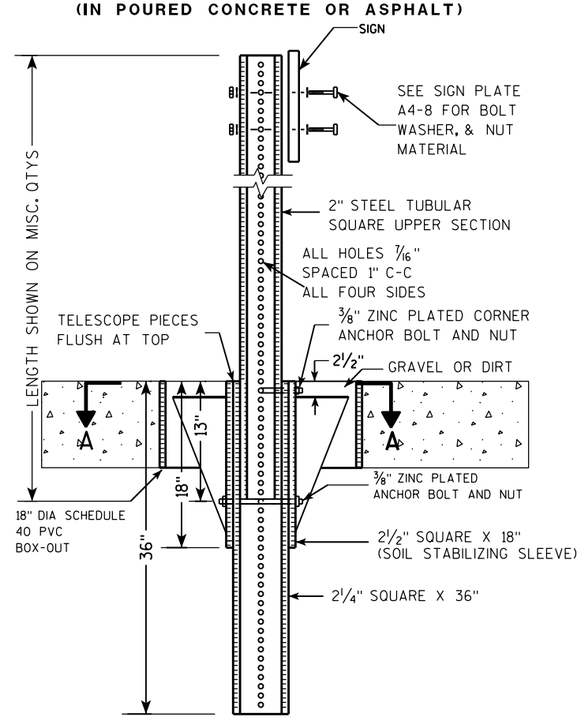
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



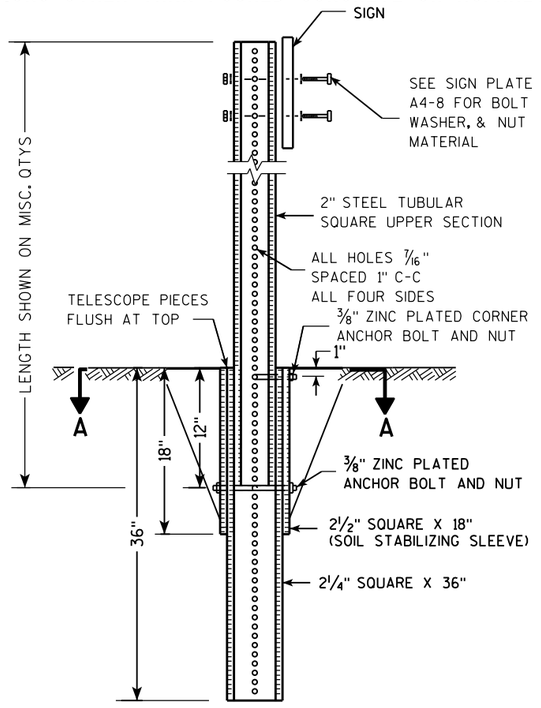
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

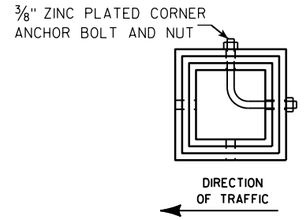


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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

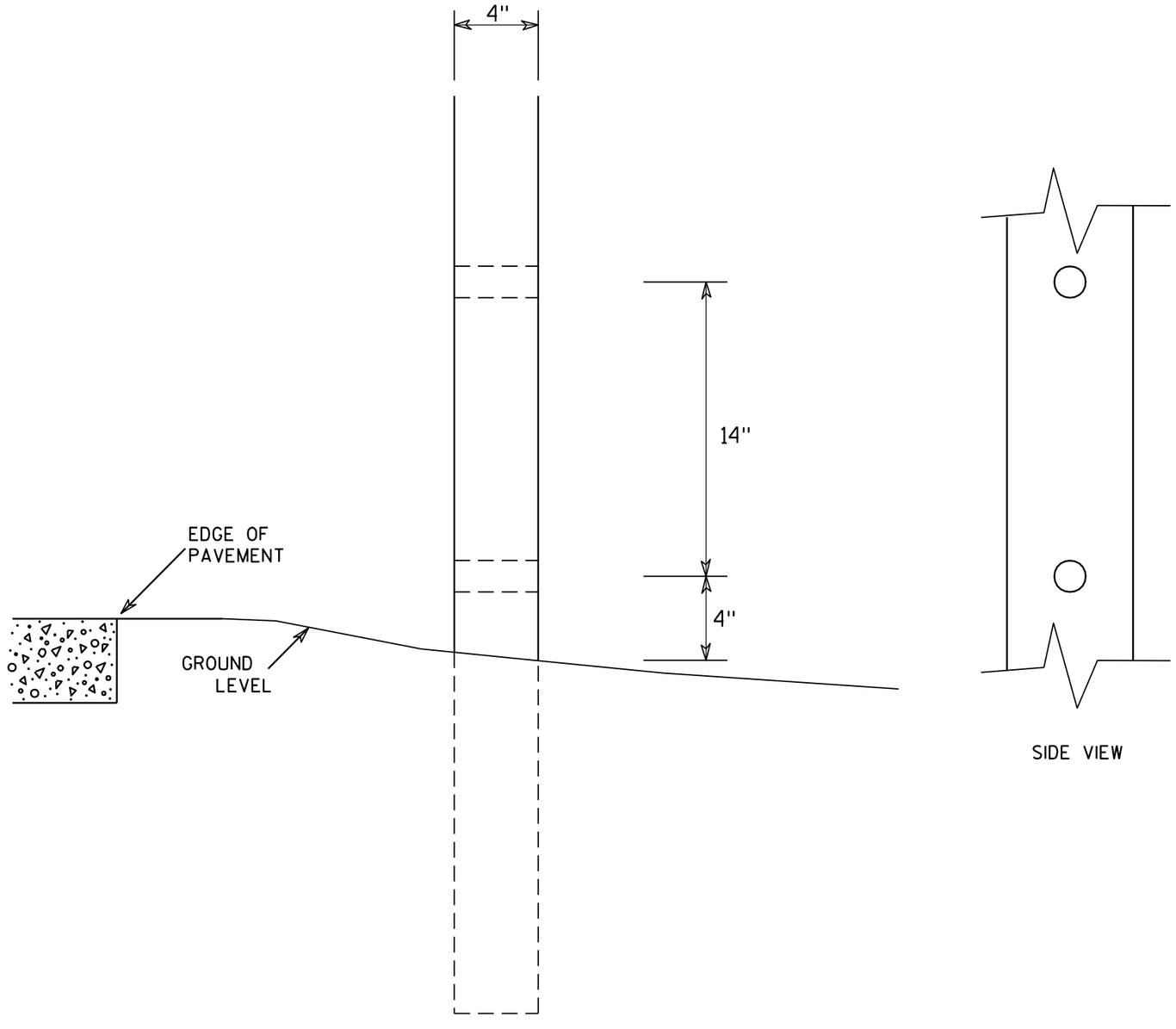
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000
WISDOT/CADDS SHEET 42



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

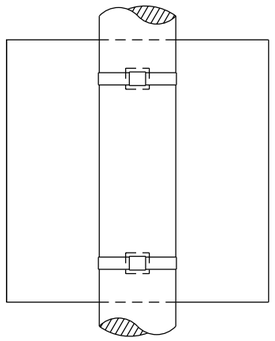
APPROVED Chester J Spang
for State Traffic Engineer

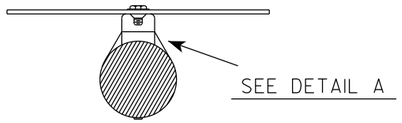
DATE 3/27/97 PLATE NO. A4-11.2

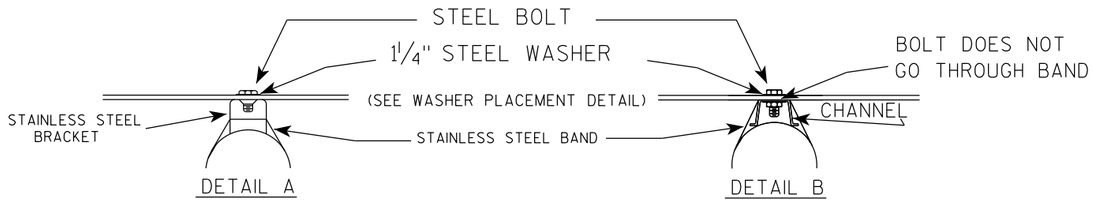
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 195	E

BANDING

SINGLE SIGN



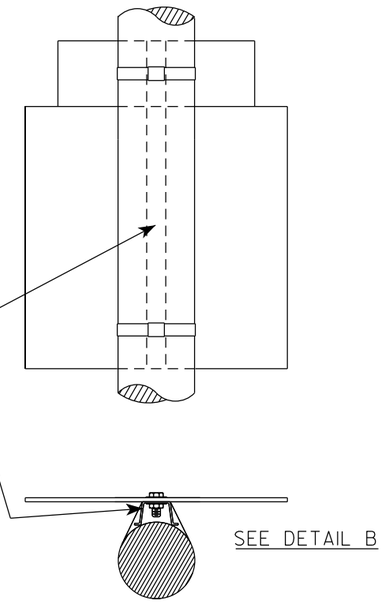




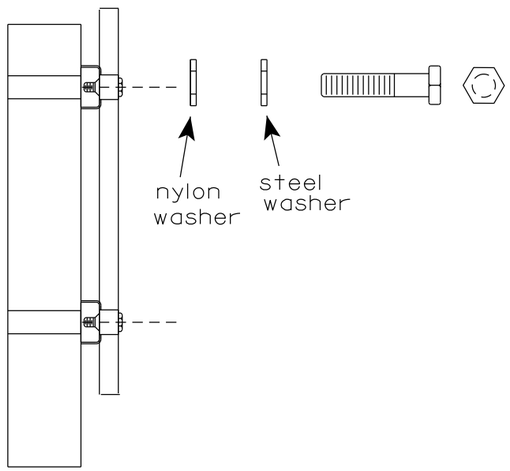
GENERAL NOTES

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

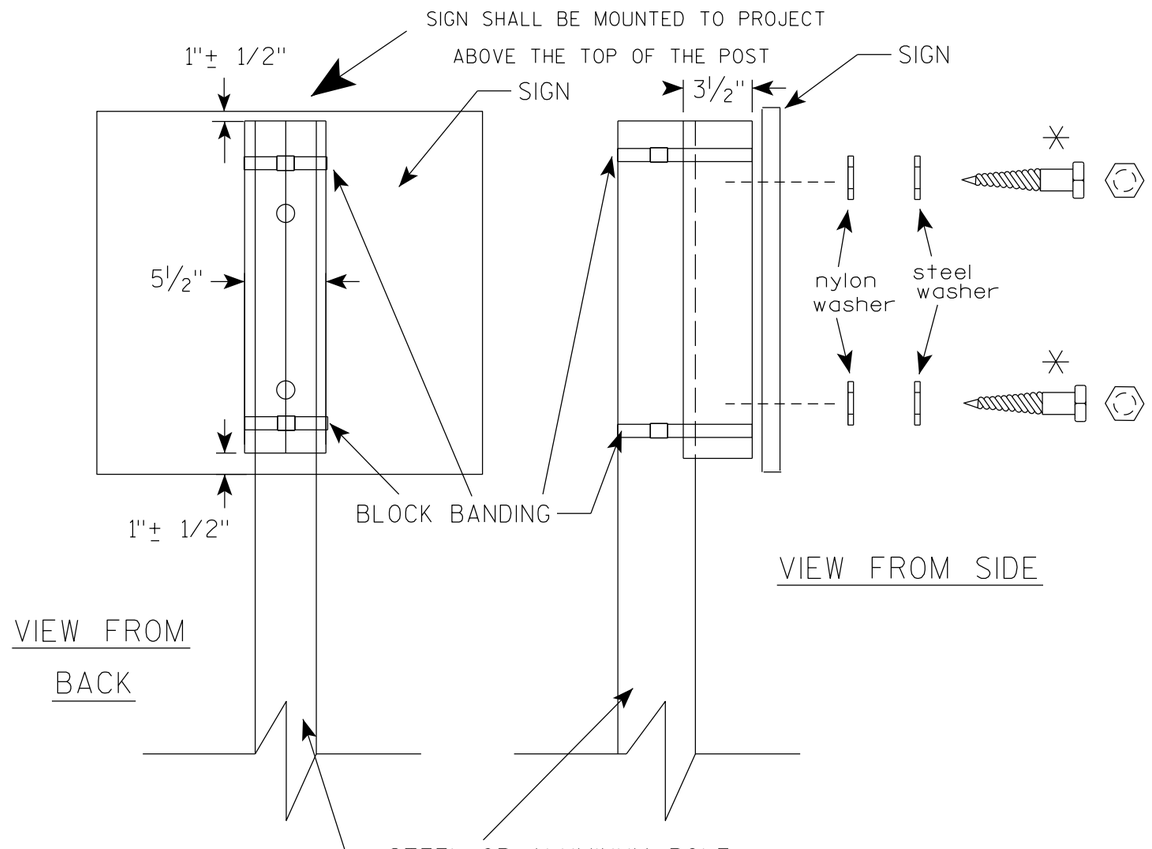
DATE 6/10/19 PLATE NO. A5-9.4

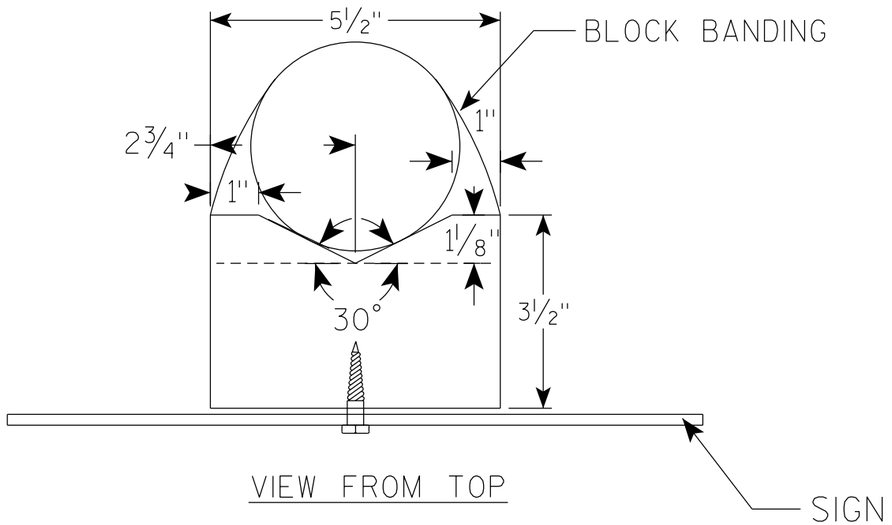
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 196	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





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)

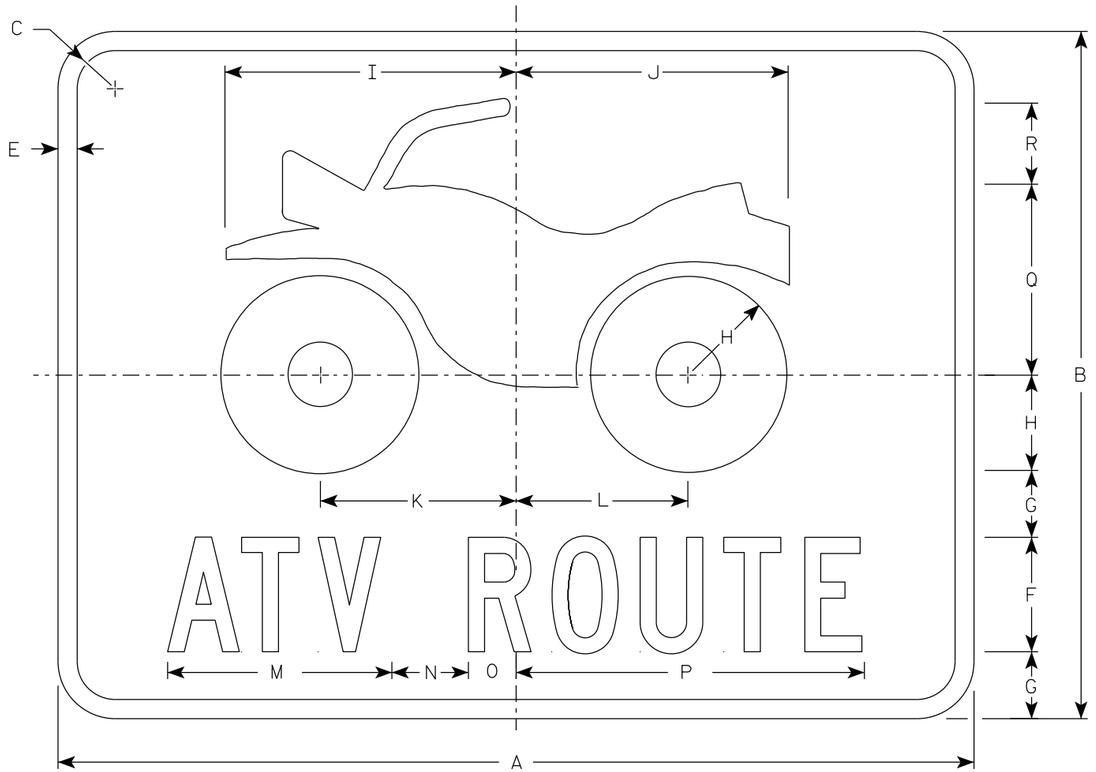
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 197 E



D11-10

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C

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	18	1 ½		½	3	1 ¾	2 ½	7 ⅝	7 ⅛	5 ⅛	5 ½	5 ⅞	2	1 ¼	9 ⅛	5	2 ⅛									3.0
2M	24	18	1 ½		½	3	1 ¾	2 ½	7 ⅝	7 ⅛	5 ⅛	5 ½	5 ⅞	2	1 ¼	9 ⅛	5	2 ⅛									3.0
3																											
4																											
5																											

STANDARD SIGN
D11-10

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/25/2023 PLATE NO. D11-10.6

PROJECT NO:

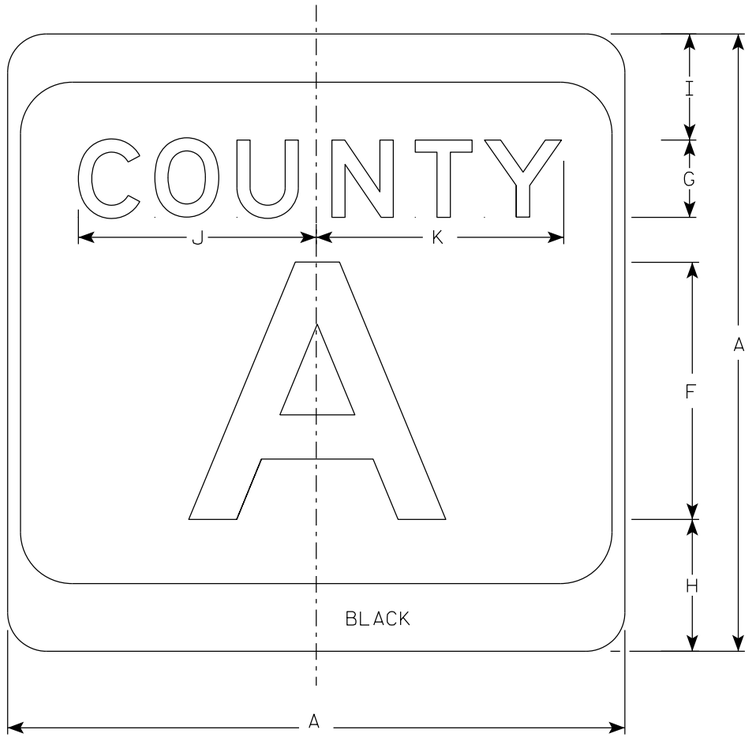
SHEET NO: 198 E

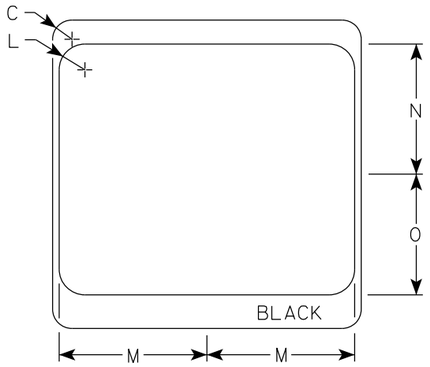
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\D1110.DGN PLOT DATE : 25-JAN 2023 2:36 PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

7

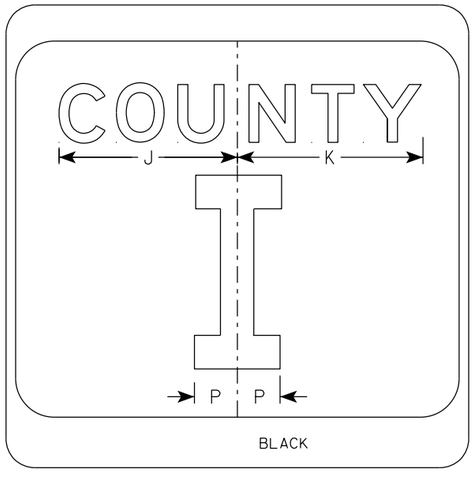
7

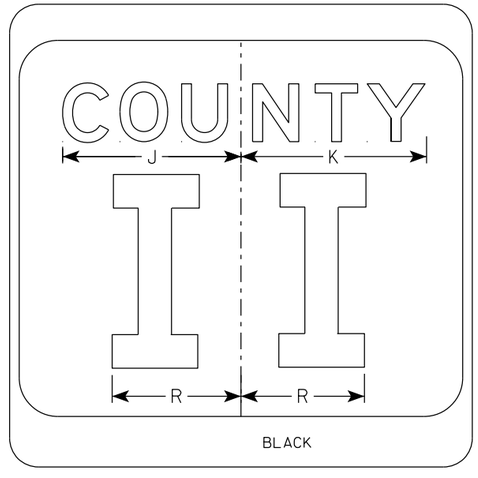




NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center 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																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

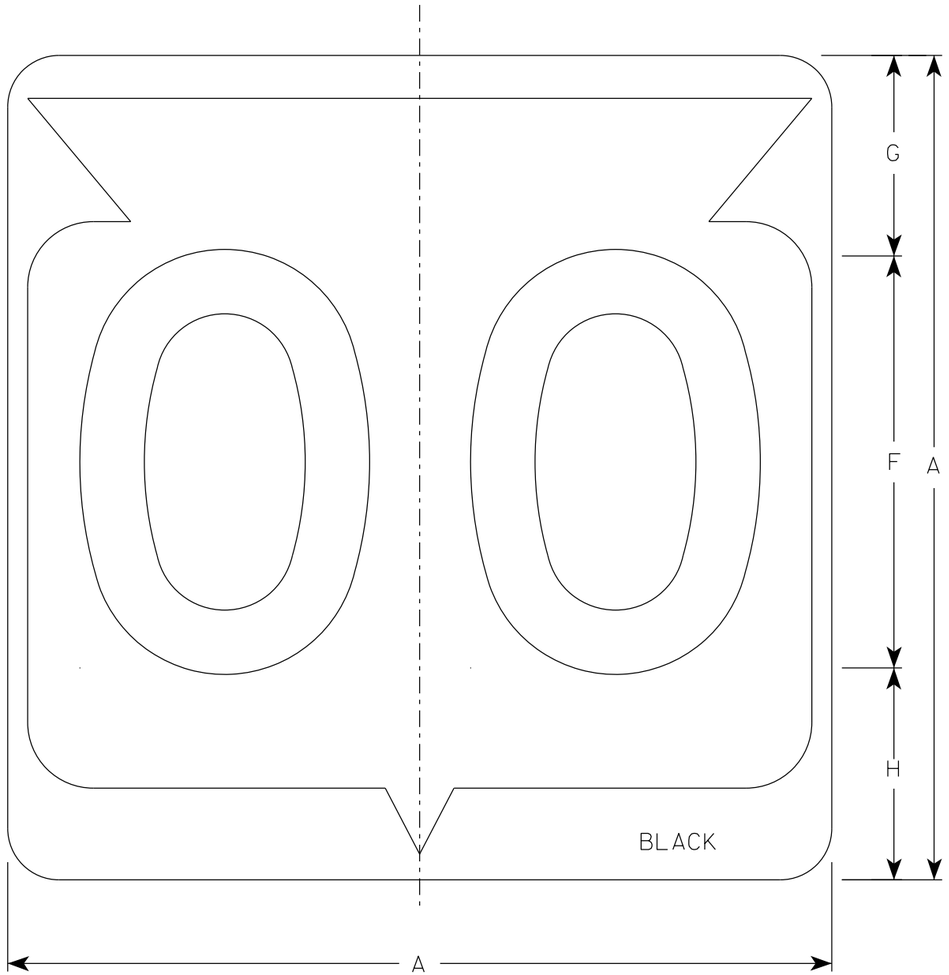
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

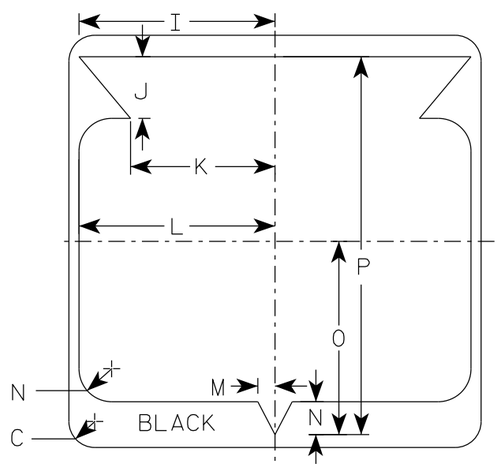
7



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



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																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

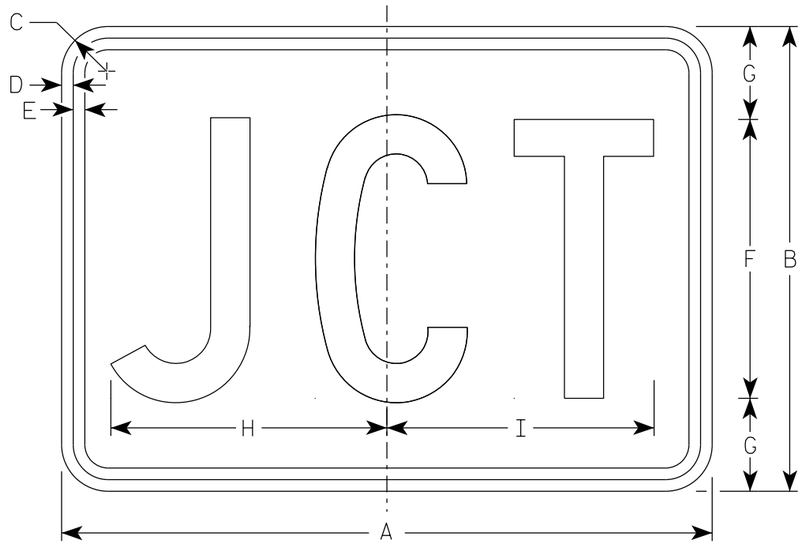
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

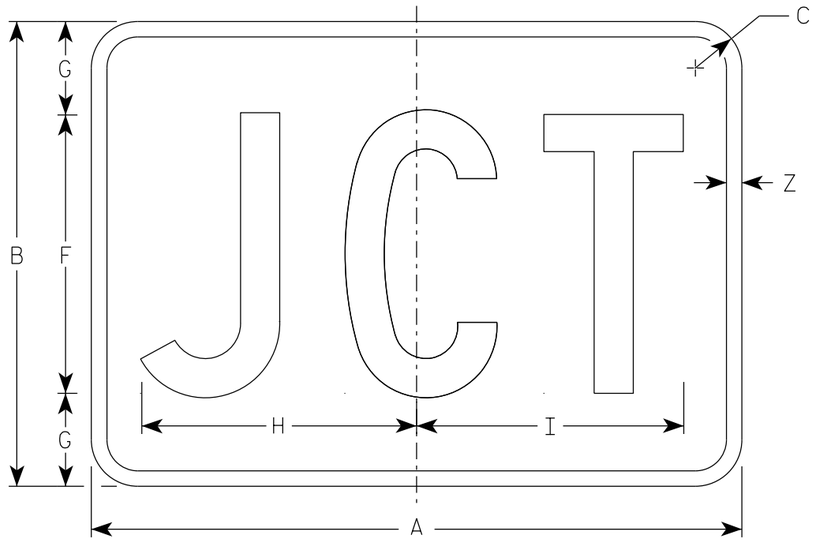
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 200	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

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	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
2M	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
3	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
4	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
5	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40

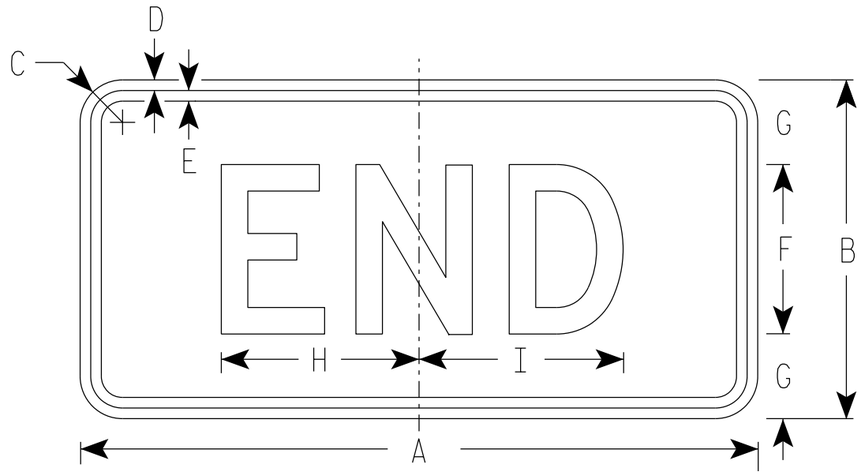
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

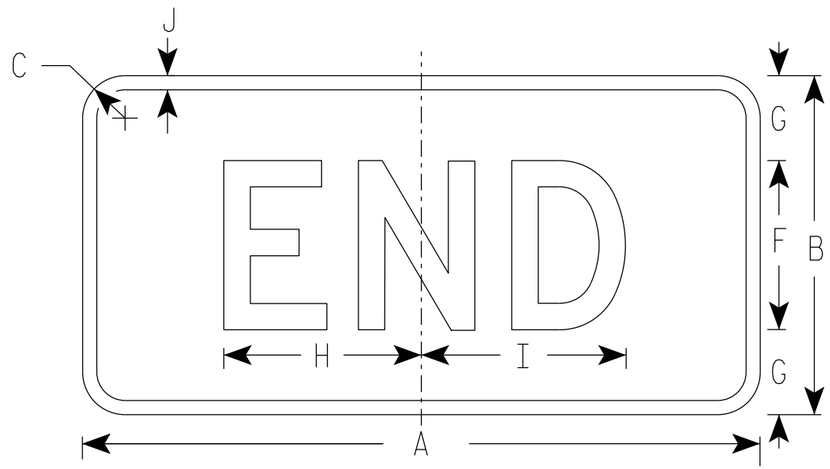
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 201 | E



M4-6
MM4-6
MP4-6



MB4-6
MK4-6
MN4-6
MR4-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - D
4. M4-6 Background - White
   Message - Black
   MB4-6 Background - Blue
   Message - White
   MK4-6 Background - Green
   Message - White
   MM4-6 Background - White
   Message - Green
   MN4-6 Background - Brown
   Message - White
   MP4-6 Background - White
   Message - Blue
   MR4-6 Background - Brown
   Message - Yellow

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	⅜	⅜	6	3	7	7 ¼	½																	2.00
2M	24	12	1 ½	⅜	⅜	6	3	7	7 ¼	½																	2.00
3	36	18	1 ½	⅜	½	9	4 ½	12	11 ⅞	½																	4.5
4	36	18	1 ½	⅜	½	9	4 ½	12	11 ⅞	½																	4.5
5	36	18	1 ½	⅜	½	9	4 ½	12	11 ⅞	½																	4.5

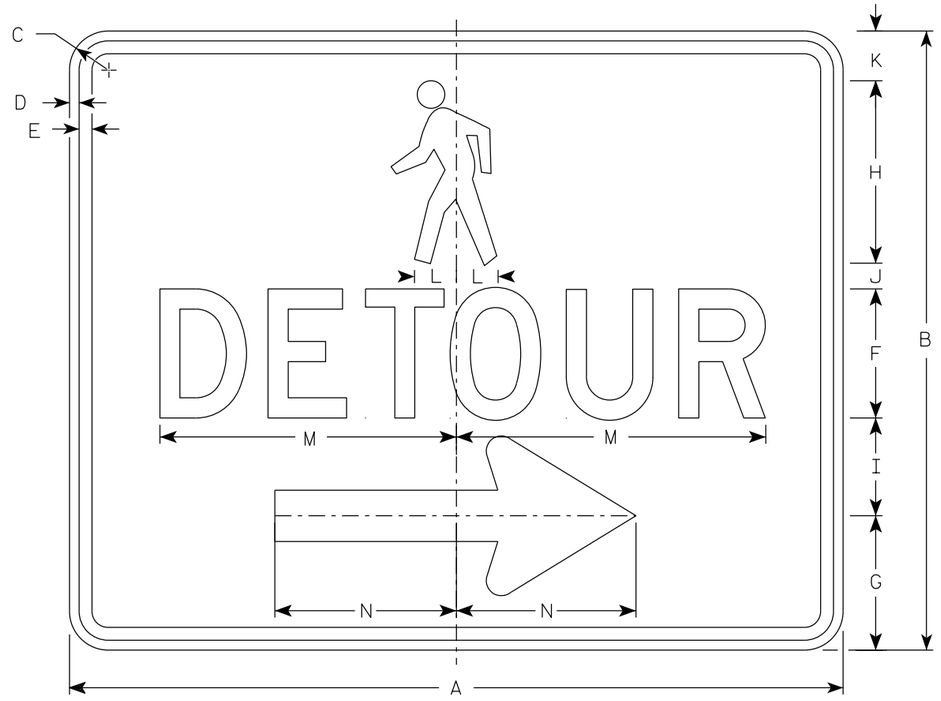
STANDARD SIGN
M4-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M4-7.11

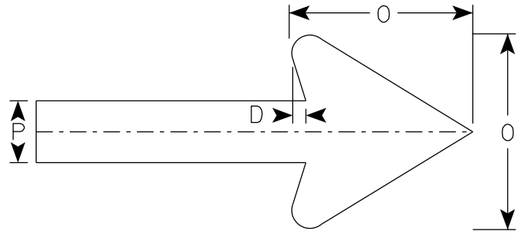
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 202 | E



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																											

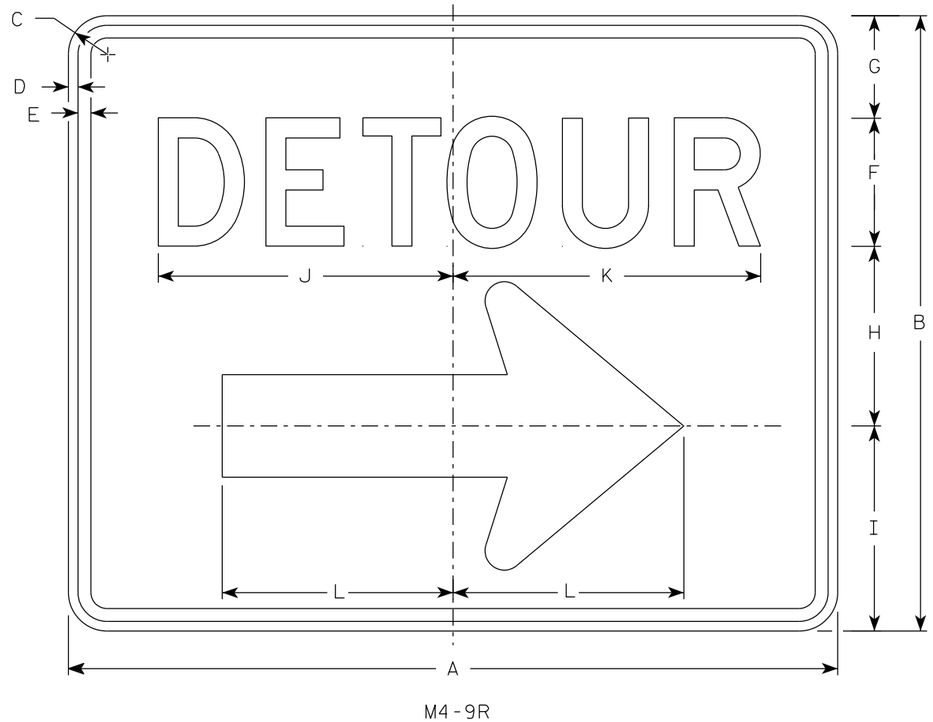
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

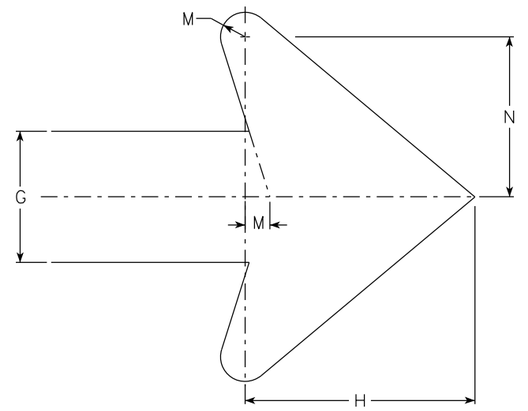
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 203 | E



M4-9R

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.
4. M4-9L is the same as M4-9R 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																											
2	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
2M	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

STANDARD SIGN
M4-9 R & L

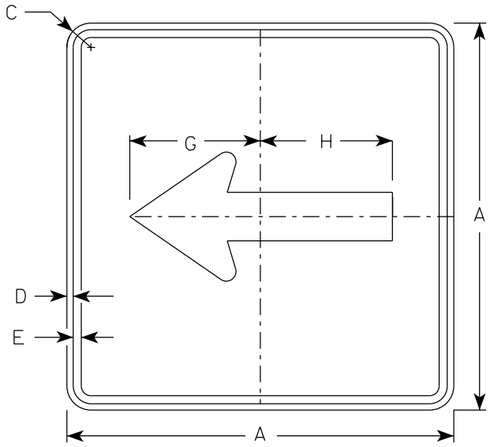
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

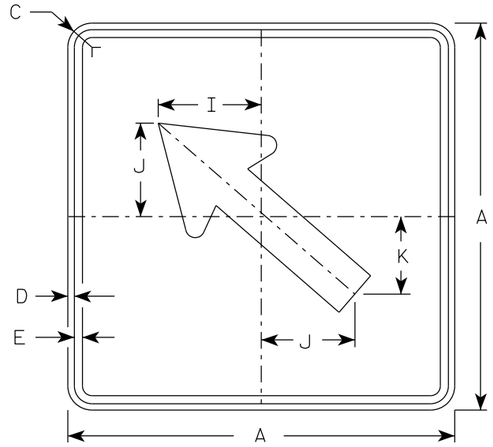
DATE 2/9/2023 PLATE NO. M4-9R.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

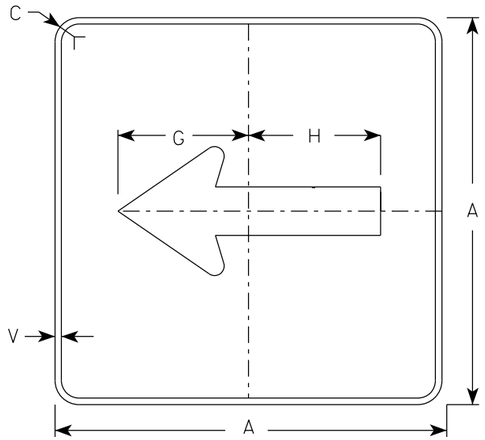
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M49R.dgn PLOT DATE : 21-MARCH 2023 1:40 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



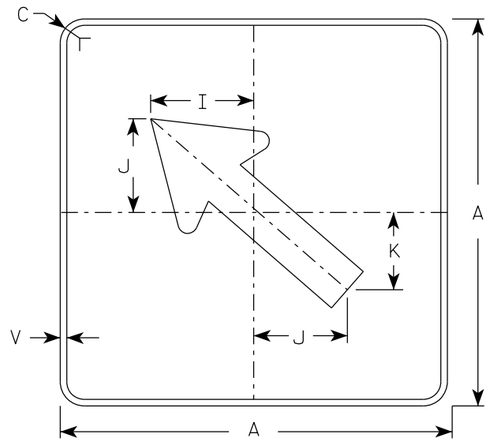
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

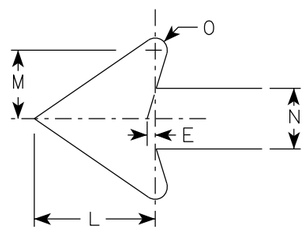


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
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.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

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	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

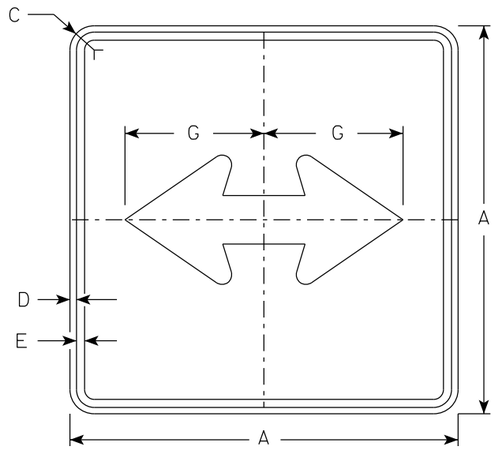
STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

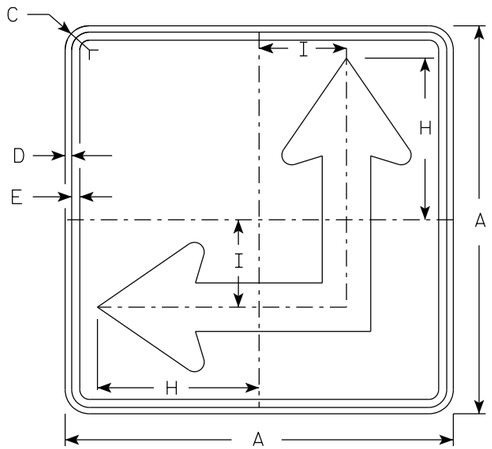
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

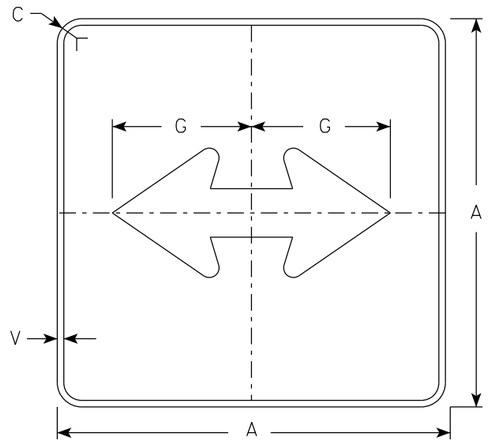
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 205 | E



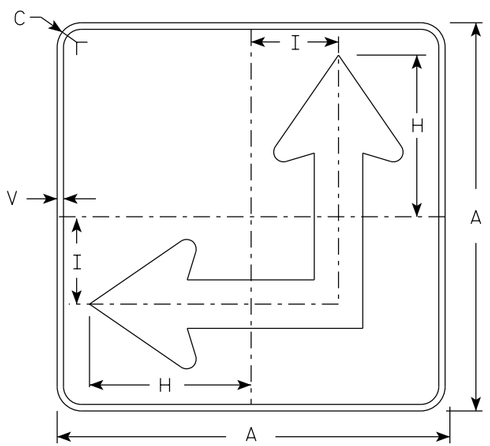
M6-4
MM6-4
MO6-4
MP6-4



M6-6
MM6-6
MO6-6
MP6-6



MB6-4
MK6-4
MN6-4
MR6-4

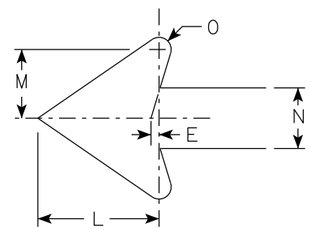


MB6-6
MK6-6
MN6-6
MR6-6

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
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.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.

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	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

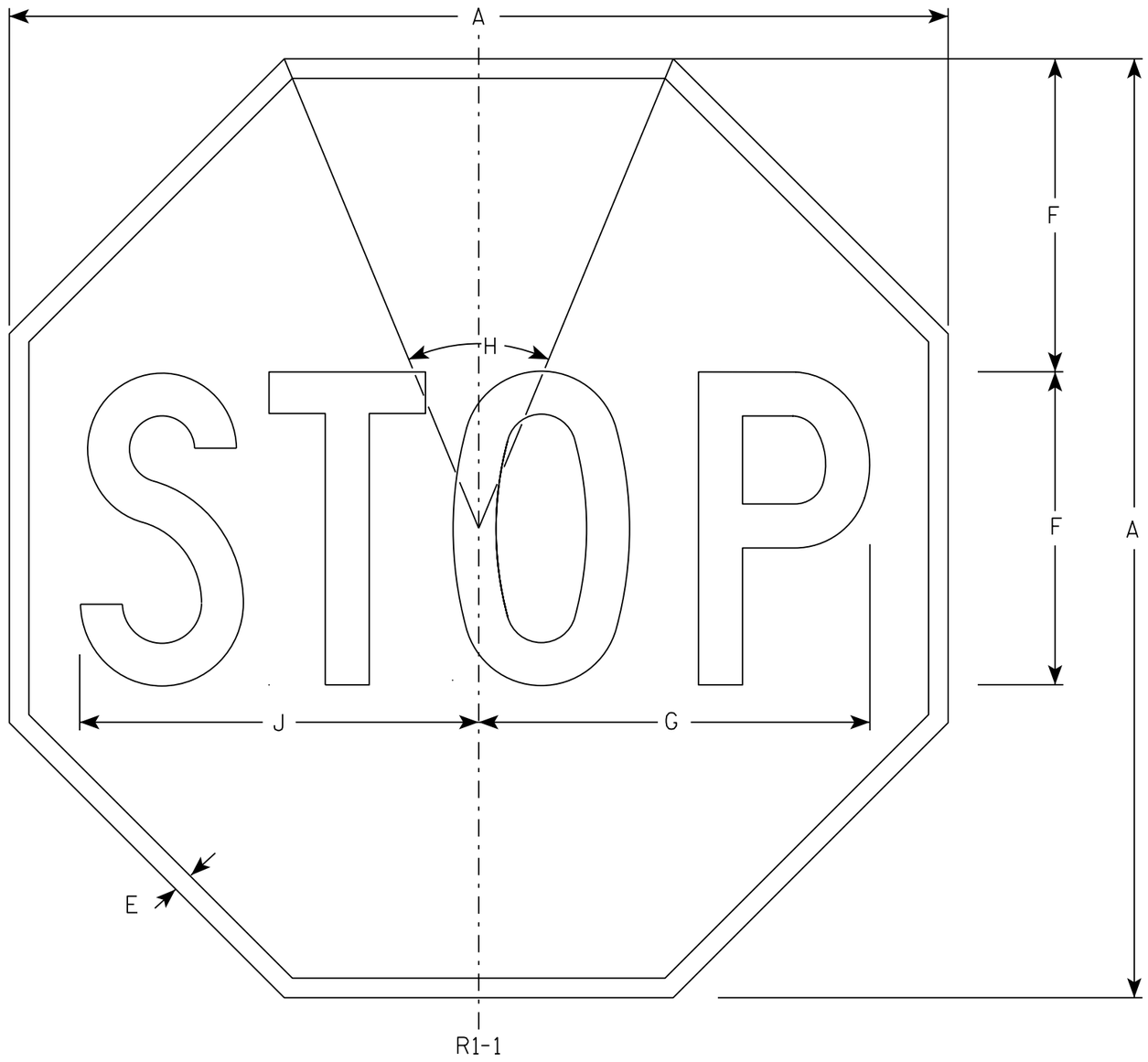
STANDARD SIGN M6-4 & M6-6 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-4.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 206 | E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

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	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

STANDARD SIGN

R1-1

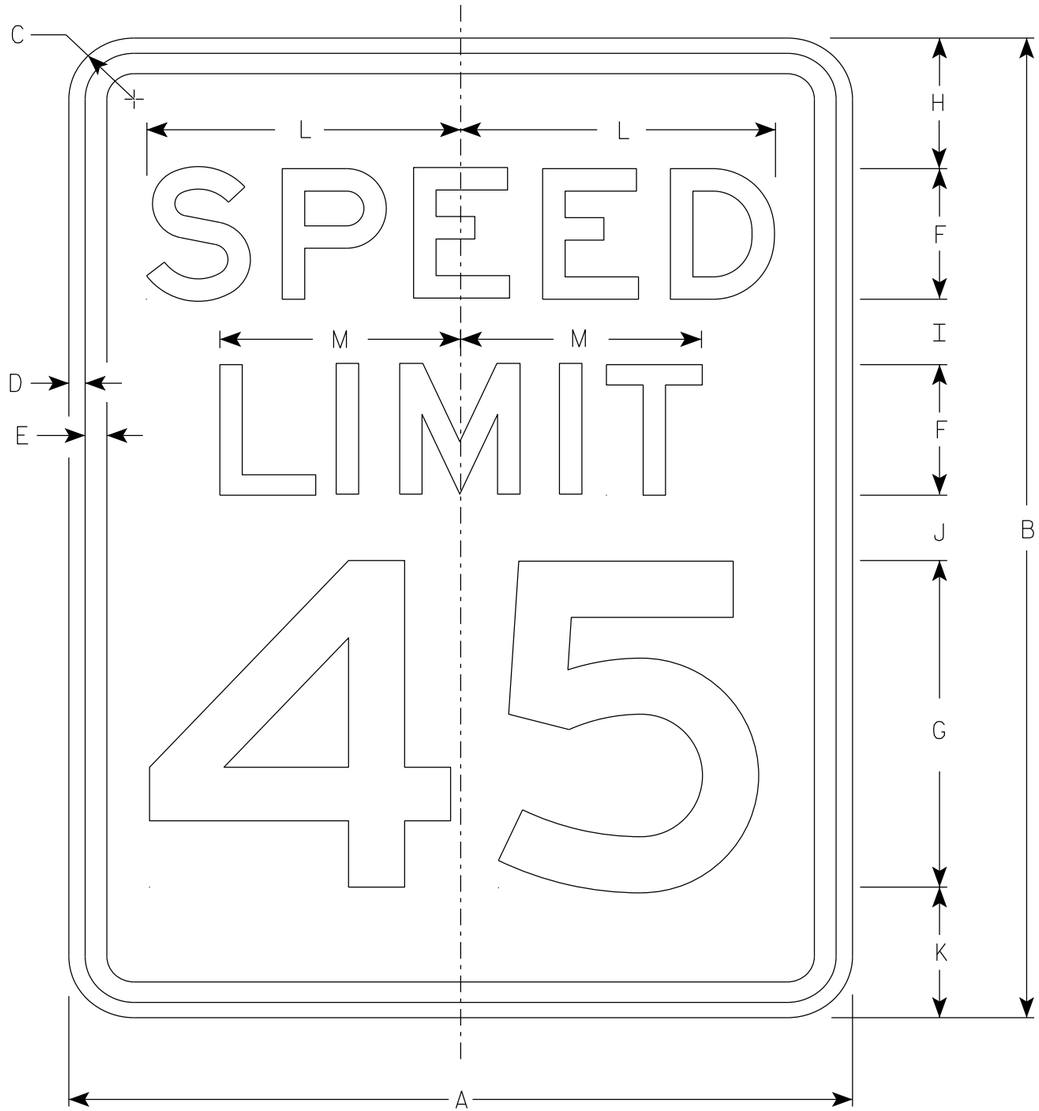
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 207	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. 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	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

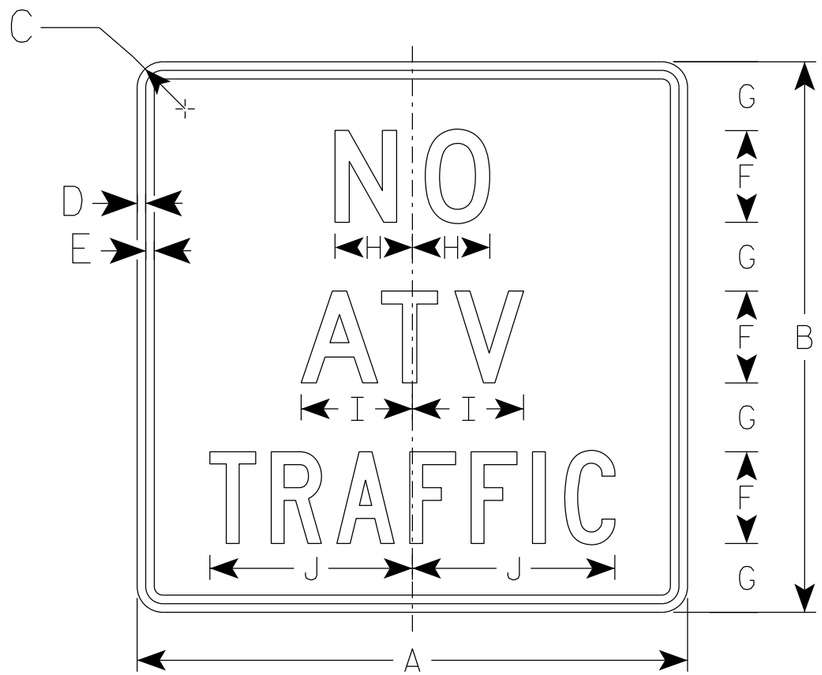
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 208 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color: Background - White
   Message - Black
3. Message Series - Line 1 and 2 Series D
   Line 3 Series C



R5-51

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	24	1 1/2	3/8	3/8	4	3	3 3/8	4 7/8	8 7/8																	4.0
2M	24	24	1 1/2	3/8	3/8	4	3	3 3/8	4 7/8	8 7/8																	4.0
3																											
4																											
5																											

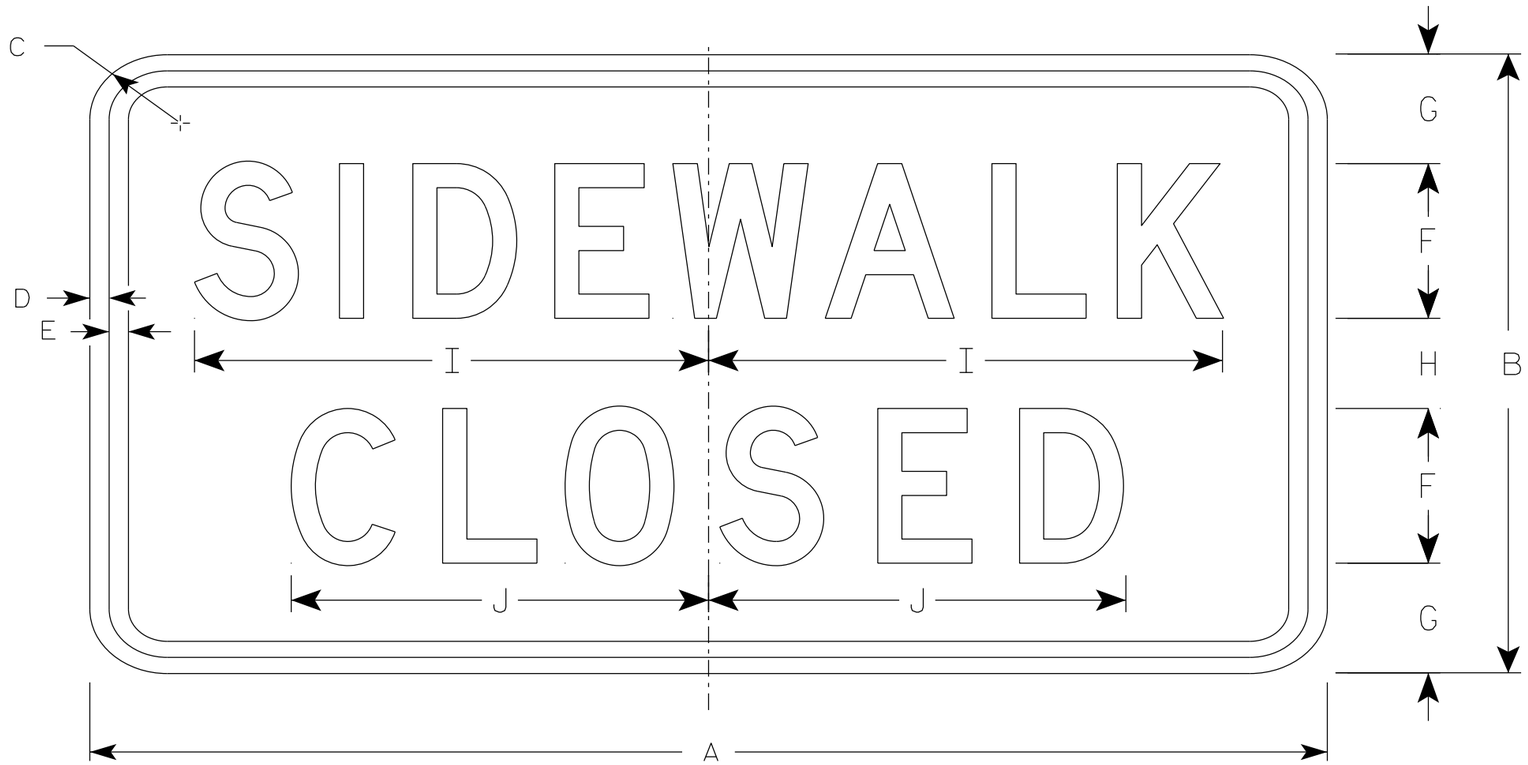
STANDARD SIGN
R5-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/23 PLATE NO. R5-51.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 209	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

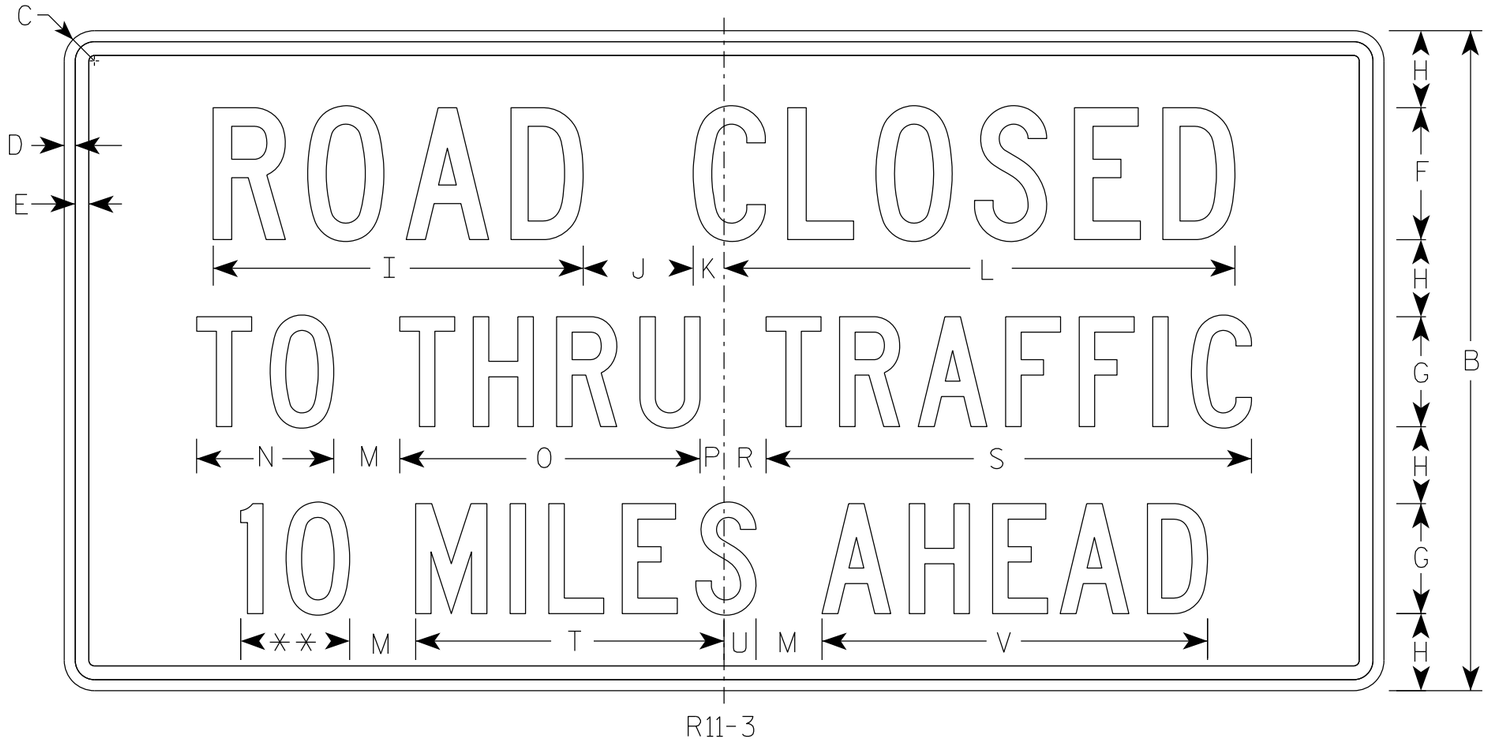
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 210 | E

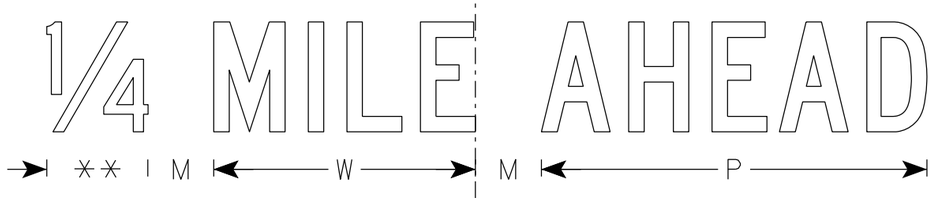
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   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. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



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	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

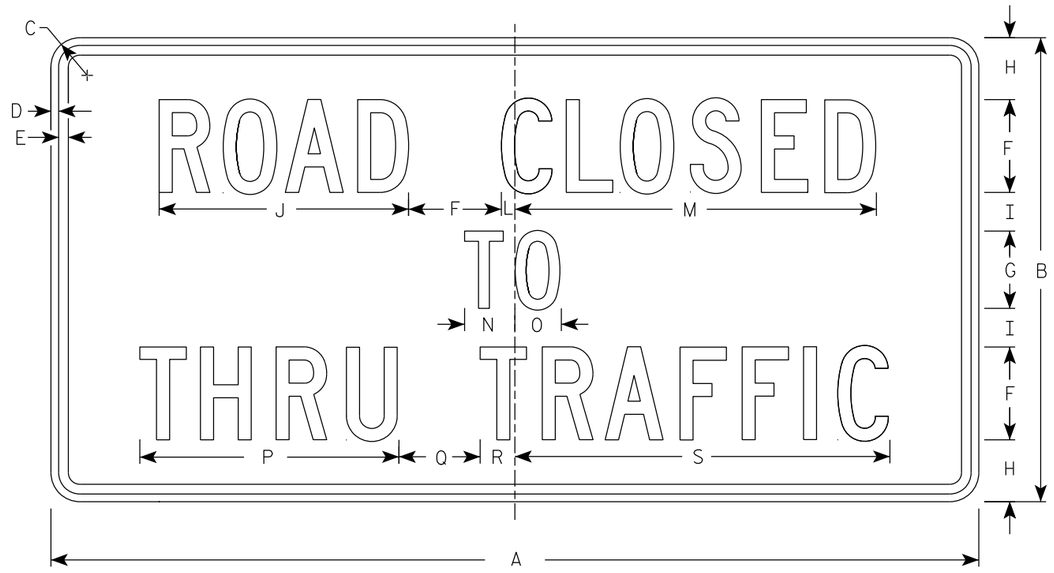
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 211 | E



R11-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   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																											
2S	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

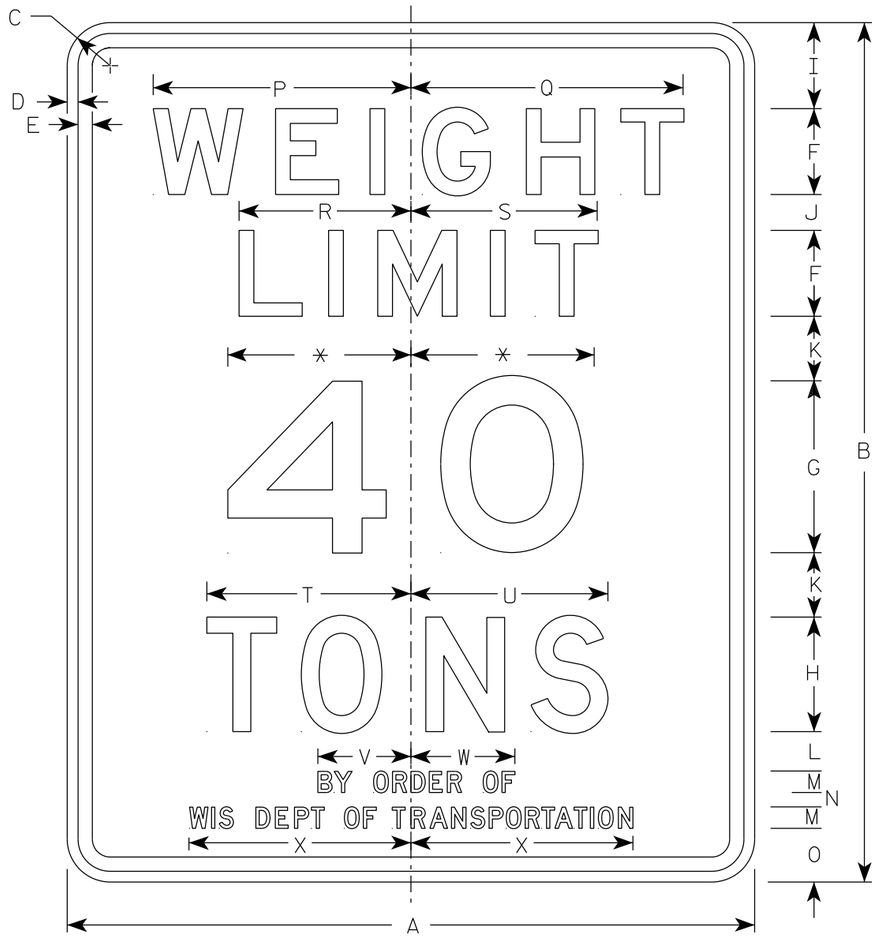
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 212 | E



R12-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Lines 1, 2 & 3 are series E
   Lines 4, 5, & 6 are series D.
4. Substitute appropriate numeral and optically adjust spacing to achieve proper balance.
5. Substitute name of county or town on County Trunk and Town Highways respectively. Community name on City or Village Streets including Connecting Highways is optional.

* Varies (see note 4)

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	24	30	1 1/2	3/8	1/2	3	6	4	3	1 1/4	2 1/4	1 3/8	3/4	1/2	1 7/8	9	9 1/2	6	6 1/2	7 1/8	6 7/8	3 1/4	3 5/8	7 3/4			5.0
2S	24	30	1 1/2	3/8	1/2	3	6	4	3	1 1/4	2 1/4	1 3/8	3/4	1/2	1 7/8	9	9 1/2	6	6 1/2	7 1/8	6 7/8	3 1/4	3 5/8	7 3/4			5.0
2M	24	30	1 1/2	3/8	1/2	3	6	4	3	1 1/4	2 1/4	1 3/8	3/4	1/2	1 7/8	9	9 1/2	6	6 1/2	7 1/8	6 7/8	3 1/4	3 5/8	7 3/4			5.0
3	36	48	1 7/8	1/2	5/8	6	10	8	4 1/2	2 1/2	2 1/4	1 1/2	3/4	1/2	3	13 1/2	14 1/4	9	9 3/4	10 5/8	10 1/4	3 1/4	3 5/8	7 3/4			12.0
4	48	60	3	3/4	1	6	12	8	6	2 1/2	4 1/2	2 3/4	1 1/2	1	3 3/4	18	19	12	13	14 1/4	13 3/4	6 1/2	7 1/4	15 1/2			20.0
5																											

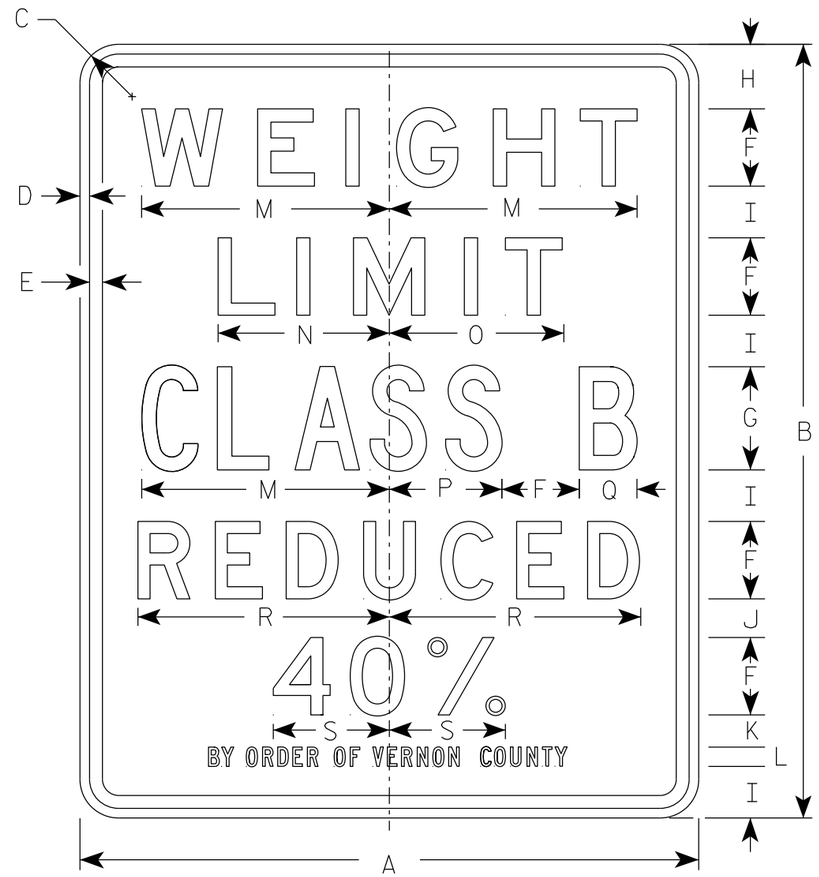
STANDARD SIGN
R12-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/24 PLATE NO. R12-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 213 | E



R12-54

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Lines 1 & 2 are Series E.
   Lines 3 & 6 are Series C.
   Lines 4 & 5 Series D.
4. Line 6 of the sign shall vary with the name of the maintaining authority.

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	30	1 1/2	3/8	1/2	3	4	2 1/2	2	1 1/2	1 1/4	3/4	9 5/8	6 5/8	6 3/4	4 3/8	2 1/4	9 3/4	4 1/2								5.0
2M	24	30	1 1/2	3/8	1/2	3	4	2 1/2	2	1 1/2	1 1/4	3/4	9 5/8	6 5/8	6 3/4	4 3/8	2 1/4	9 3/4	4 1/2								5.0
3																											
4																											
5																											

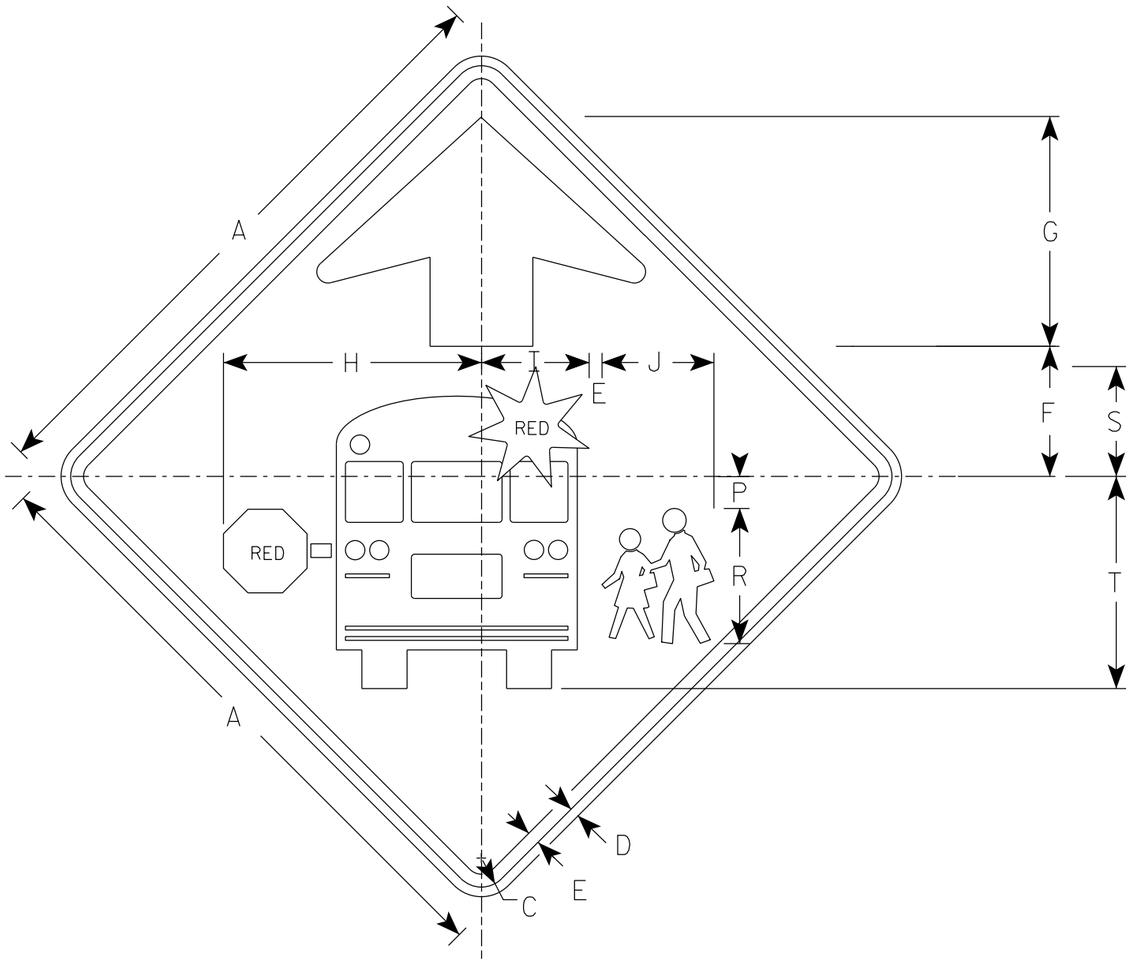
STANDARD SIGN
R12-54

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/24 PLATE NO. R12-54.7

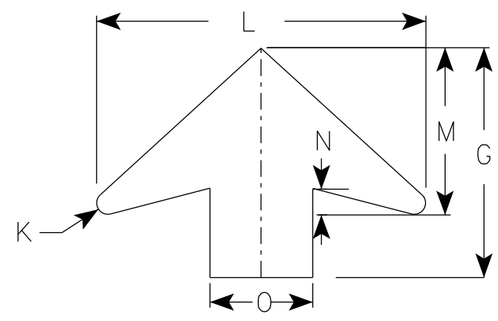
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 214 | E



S3-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - YELLOW-GREEN
   Message - BLACK except as noted
   Circles except PEDS- RED BACKGROUND



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	30		1 7/8	1/2	5/8	6 1/4	11 1/4	12 1/2	5 1/4	5 1/2	1/2	16	8	1 1/4	5	1 1/2		6 5/8	5 3/8	10 3/8							6.25
2S	36		2 1/4	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
2M	36		2 1/4	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
3	48		3	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
4	48		3	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
5																											

STANDARD SIGN
S3-1

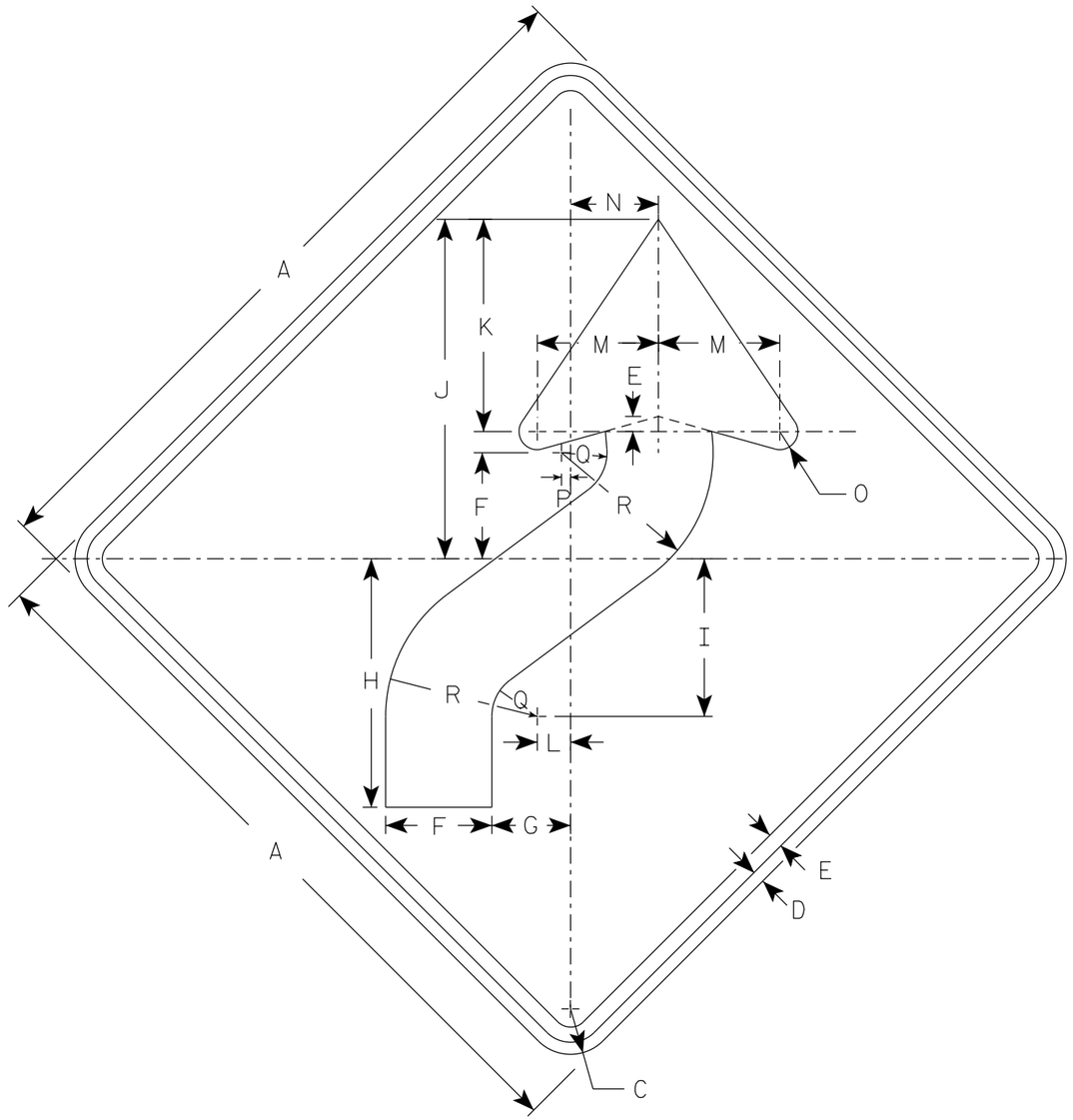
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/22/2023 PLATE NO. S3-1.7

PROJECT NO:

SHEET NO: 215 E



W1-4R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-4L is the same as W1-4R except the arrow is reversed along the vertical centerline.

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	24		1 1/2	3/8	1/2	3 1/2	2 5/8	8 1/4	5 1/4	11 1/4	7	1 1/8	4	3	5/8	1/4	1 1/2	5									4.0
2S	30		1 7/8	1/2	5/8	4 3/8	3 1/4	10 1/4	6 1/2	14	8 3/4	1 3/8	5	3 5/8	3/4	3/8	1 7/8	6 1/4									6.25
2M	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
3	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
4	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
5	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

STANDARD SIGN
W1-4

WISCONSIN DEPT OF TRANSPORTATION

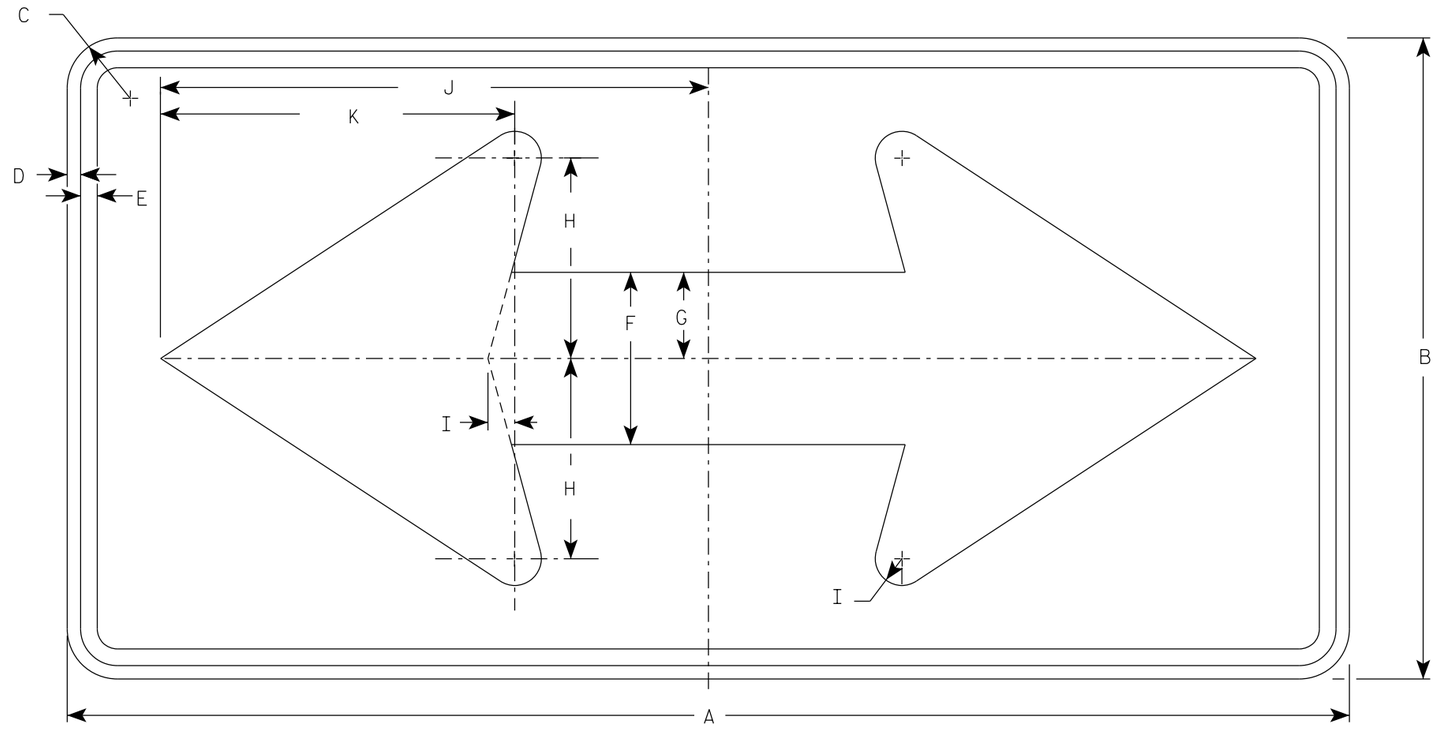
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/23/2023 PLATE NO. W1-4.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



W1-7

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	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 7/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 7/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 7/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 7/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	3	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

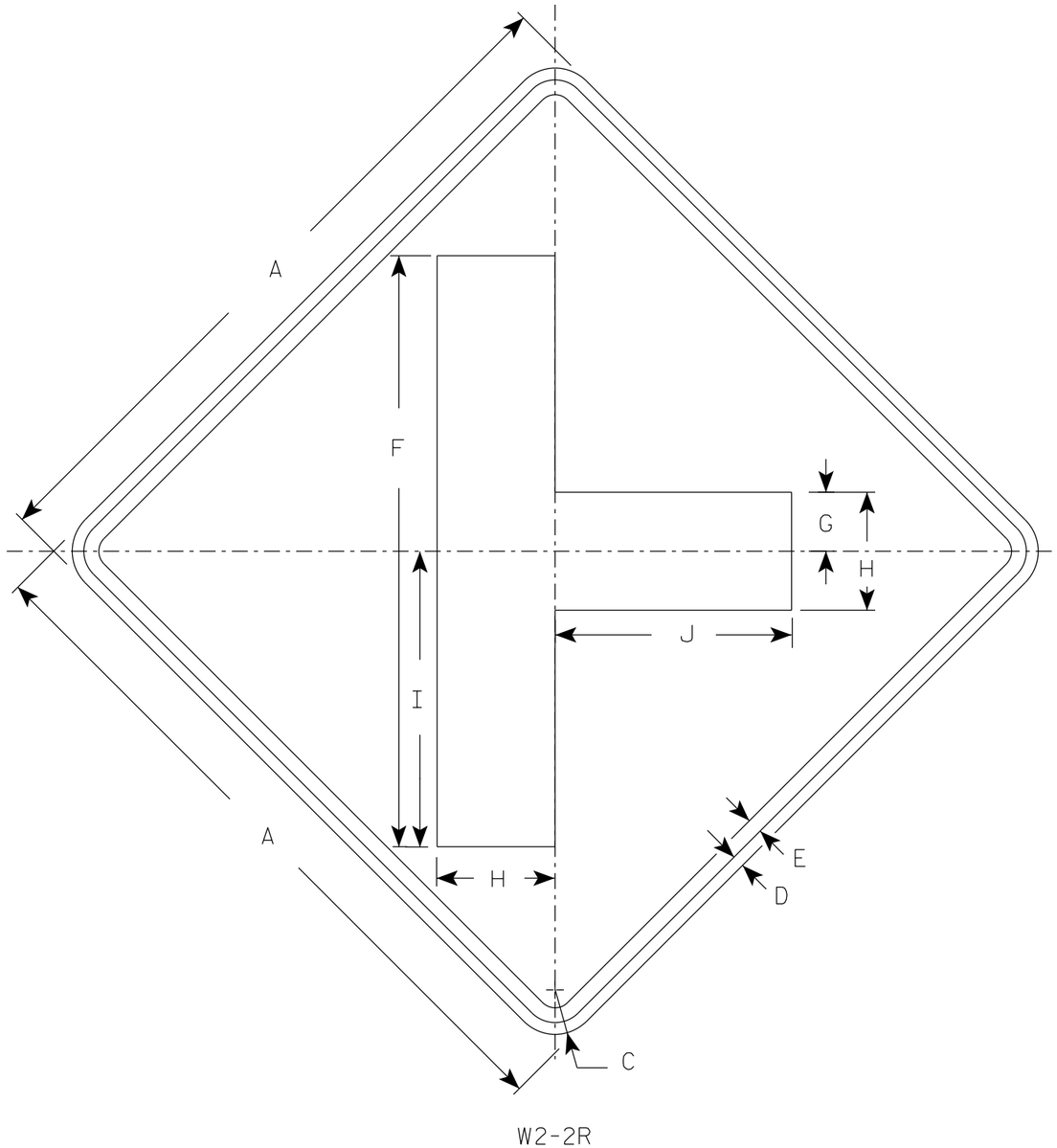
STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/10/2023 PLATE NO. W1-7.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 217	E



W2-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W2-2L same as W2-2R but is rotated 180° when mounted.

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	24		1 1/2	3/8	1/2	20	2	4	10	8																	4.0
2S	30		1 7/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
2M	30		1 7/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
3	36		2 1/4	5/8	3/4	30	3	6	15	12																	9.0
4	48		3	3/4	1	40	4	8	20	16																	16.0
5																											

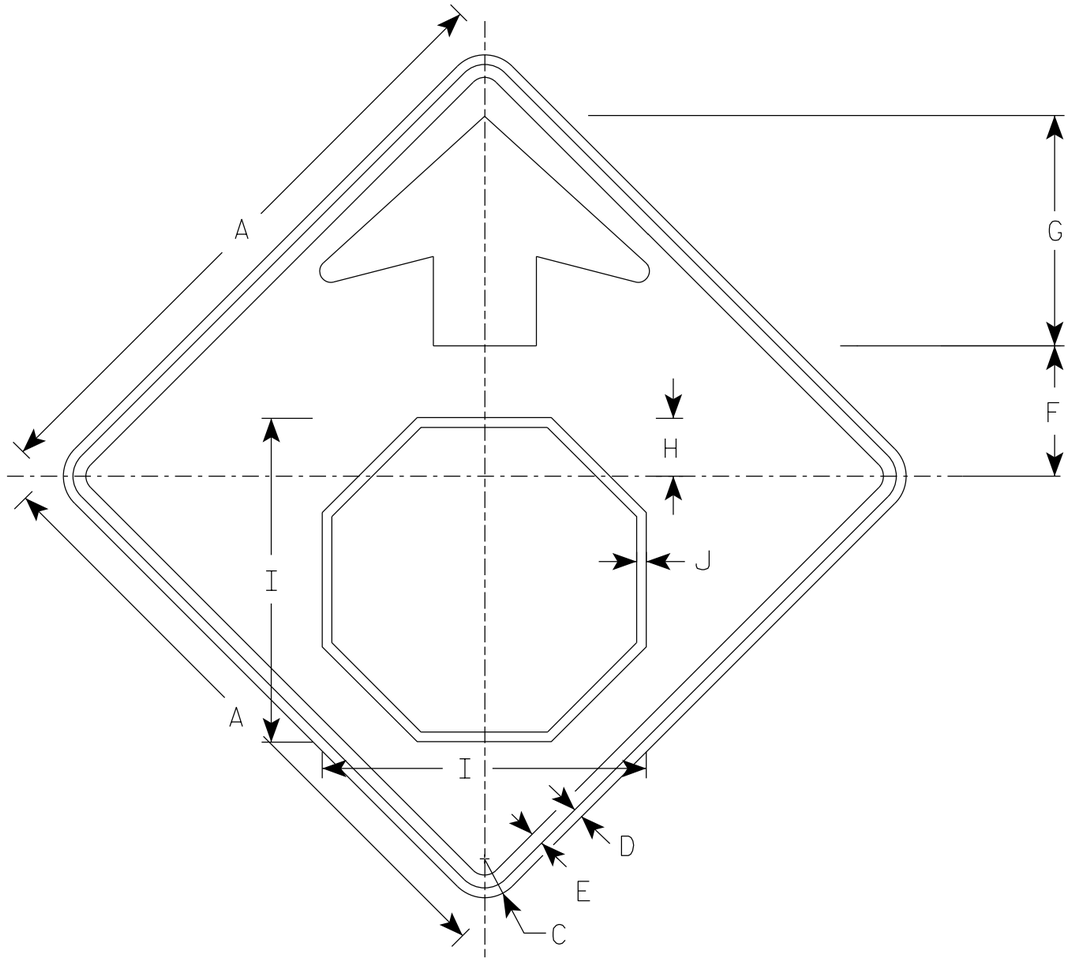
STANDARD SIGN
W2-2 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/16/2023 PLATE NO. W2-2.8

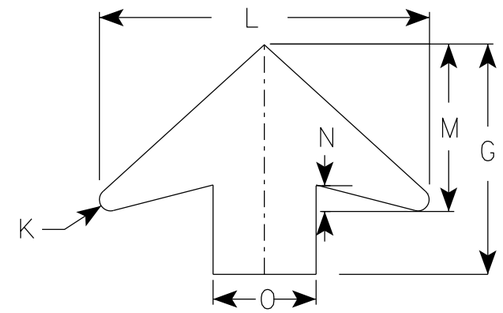
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 218 | E



W3-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Arrow & Border - Black
   Stop Symbol - White Border on Red Background



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	30		1 7/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

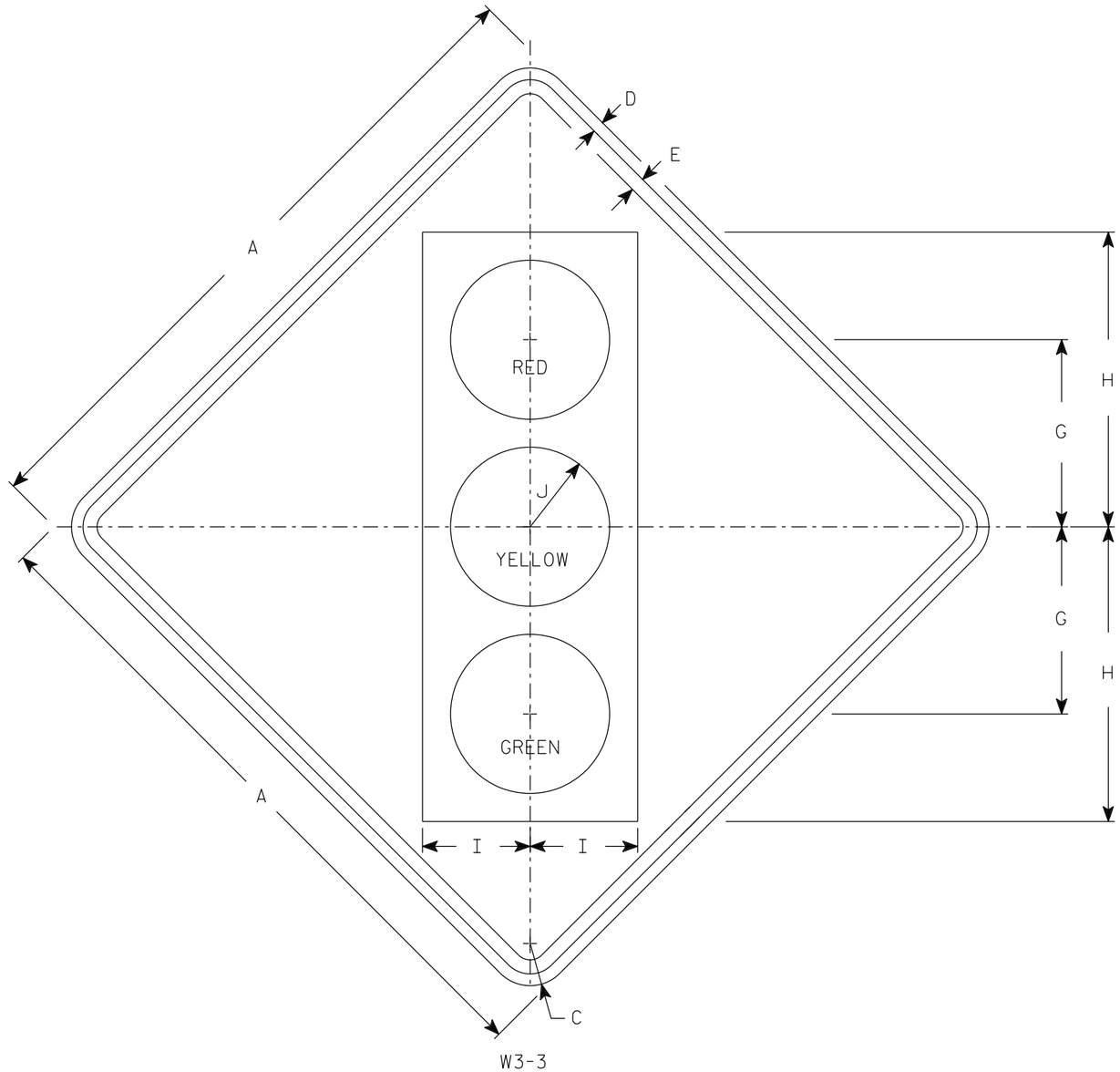
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/2023 PLATE NO. W3-1.13

PROJECT NO:

SHEET NO: 219 E



W3-3

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - See Note 3
3. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

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	30		1 7/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0

STANDARD SIGN
W3-3

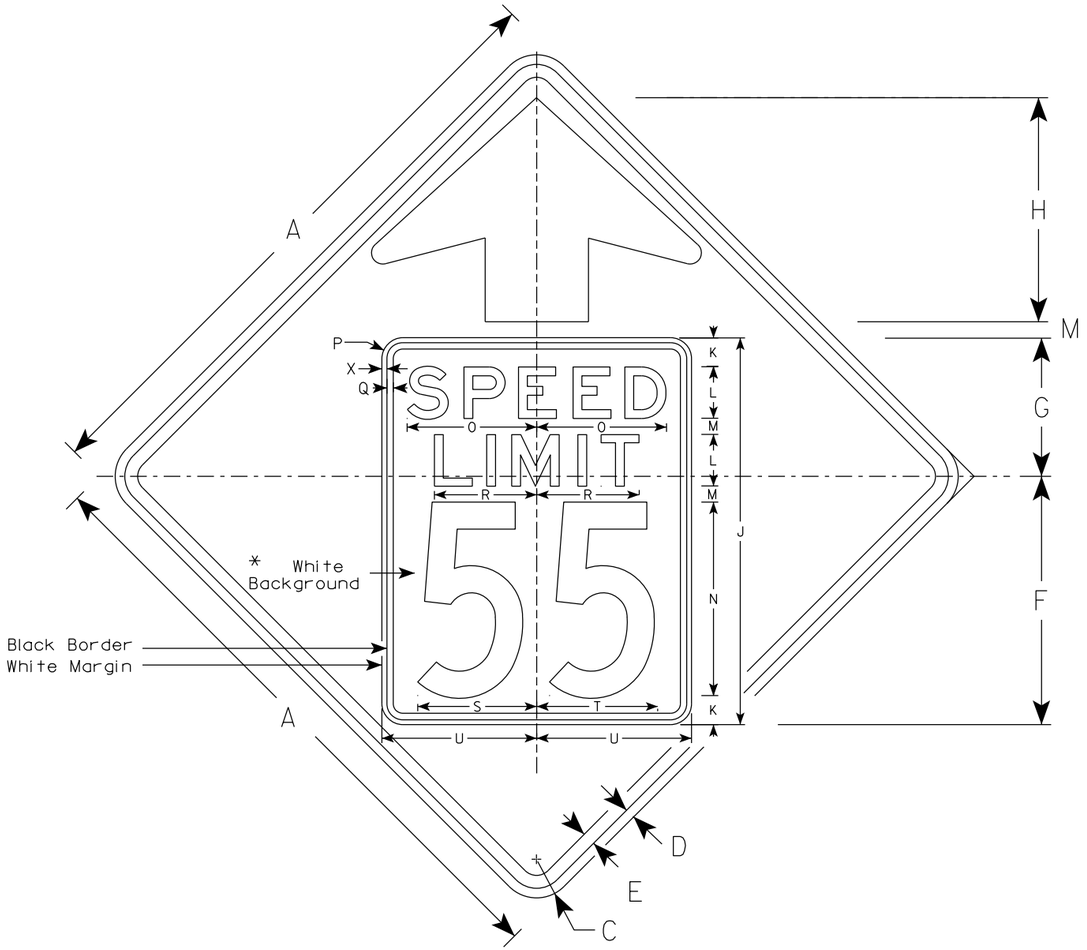
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/2023 PLATE NO. W3-3.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 220 | E

7

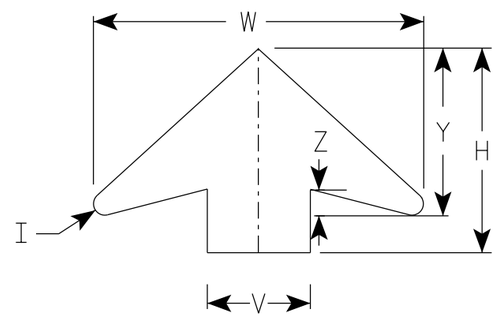


W3-5

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color: *
   Background - Yellow* (Type F Reflective)
   Message - Black
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background with black message (Type SH Reflective)



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	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2M	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
3	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
4	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W3-5

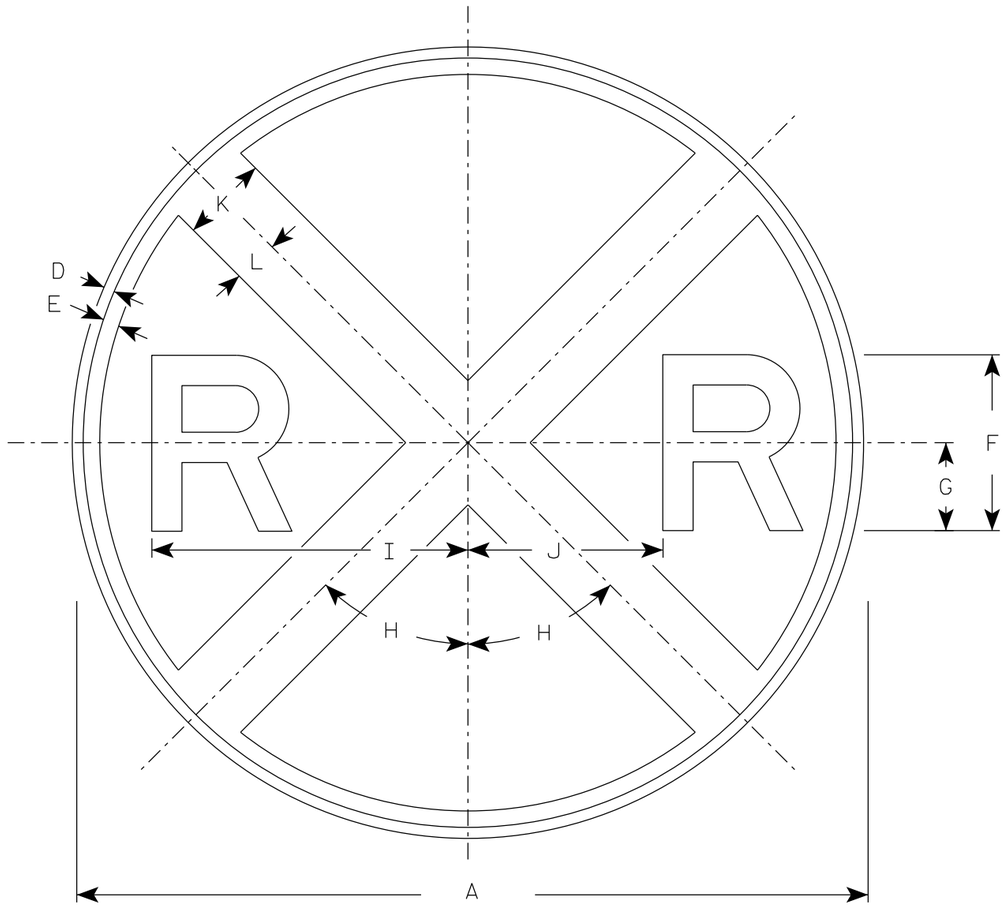
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/30/2023 PLATE NO. W3-5.7

PROJECT NO:

SHEET NO: 221 E



W10-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - E

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	30			3/8	5/8	7	3 1/2	45°	12 3/8	7 1/8	3	1 1/2															4.91
2S	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
2M	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
3	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
4	48			3/4	1 1/4	10	5	45°	18 3/8	11 5/8	5	2 1/2															12.57
5																											

STANDARD SIGN
W10-1

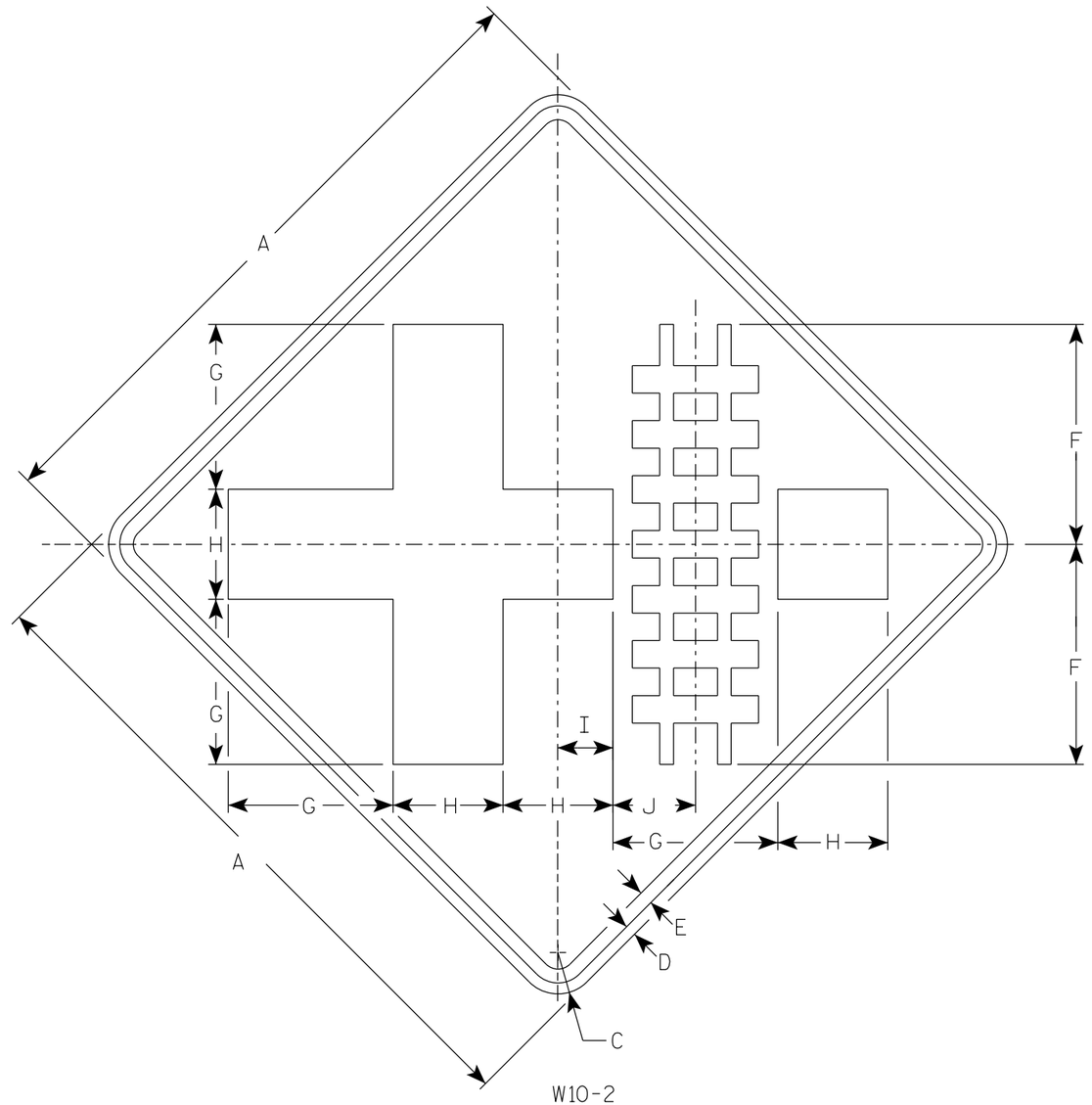
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/27/24 PLATE NO. W10-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 222 E

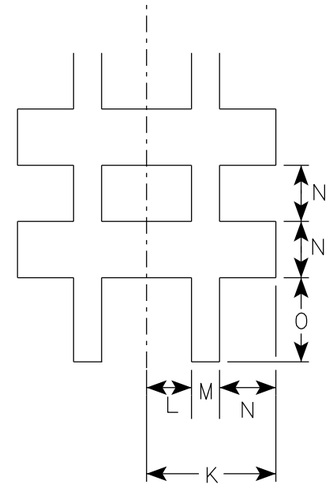
FILE NAME : C:\CAEfiles\Projects\tr_stdplate_W101.dgn PLOT DATE : 27-MAR 2024 3:30 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W10-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



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	30		1 7/8	1/2	5/8	10	7 1/2	5	2 1/2	3 3/4	2 7/8	1	5/8	1 1/4	1 7/8												6.25
2S	36		2 1/4	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
2M	36		2 1/4	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
3	36		2 1/4	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
4	48		3	3/4	1	16	12	8	4	6	4 1/2	1 1/2	1	2	3												16.0
5																											

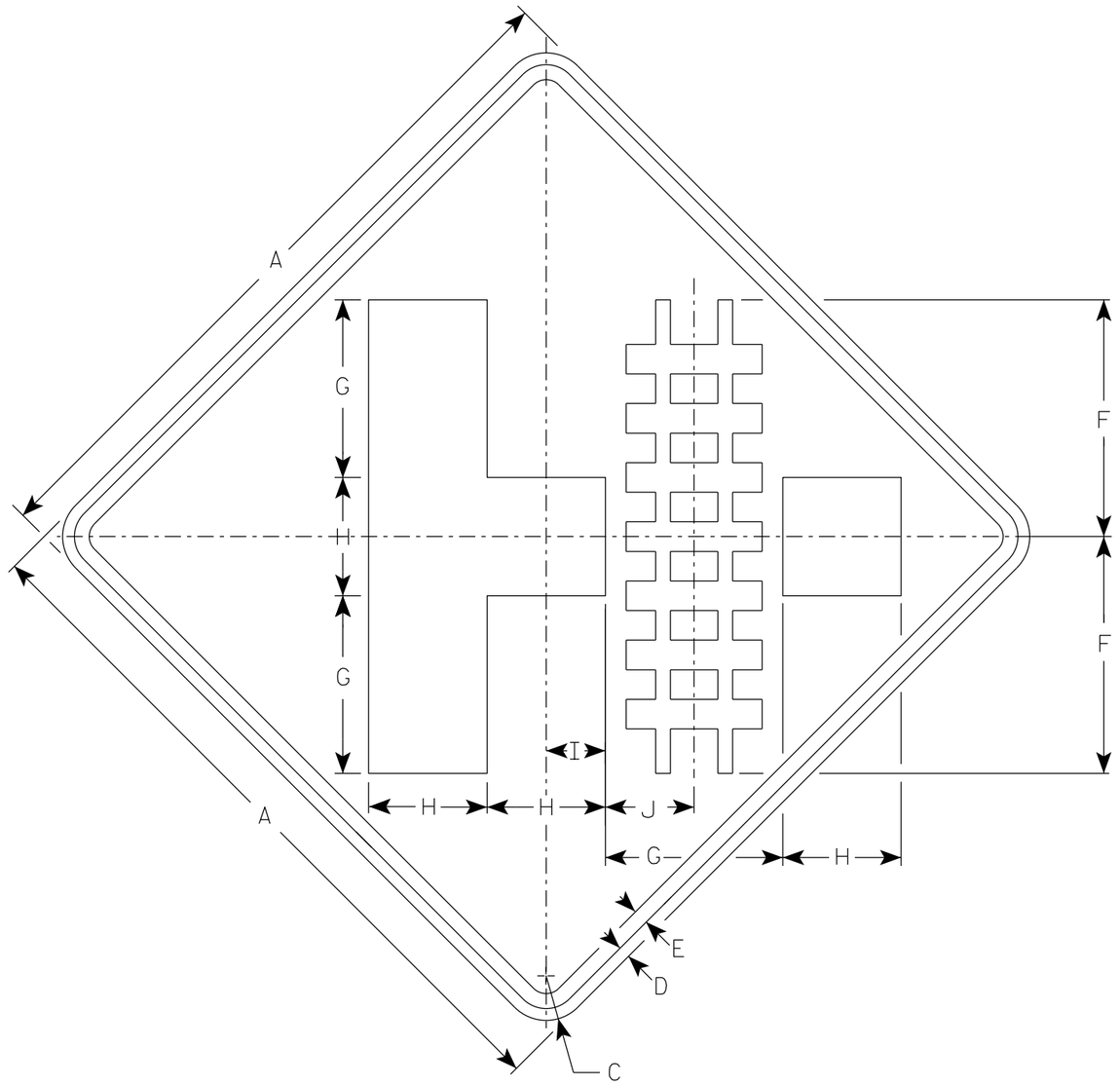
STANDARD SIGN
W10-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/13/2023 PLATE NO. W10-2.9

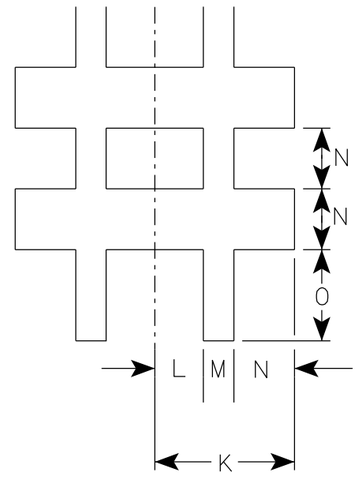
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 223 E



W10-3

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



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	30		1 7/8	1/2	5/8	10	7 1/2	5	2 1/2	3 3/4	2 7/8	1	5/8	1 1/4	1 7/8												6.25
2S	36		2 1/4	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
2M	36		2 1/4	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
3	36		2 1/4	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
4	48		3	3/4	1	16	12	8	4	6	4 1/2	1 1/2	1	2	3												16.0
5																											

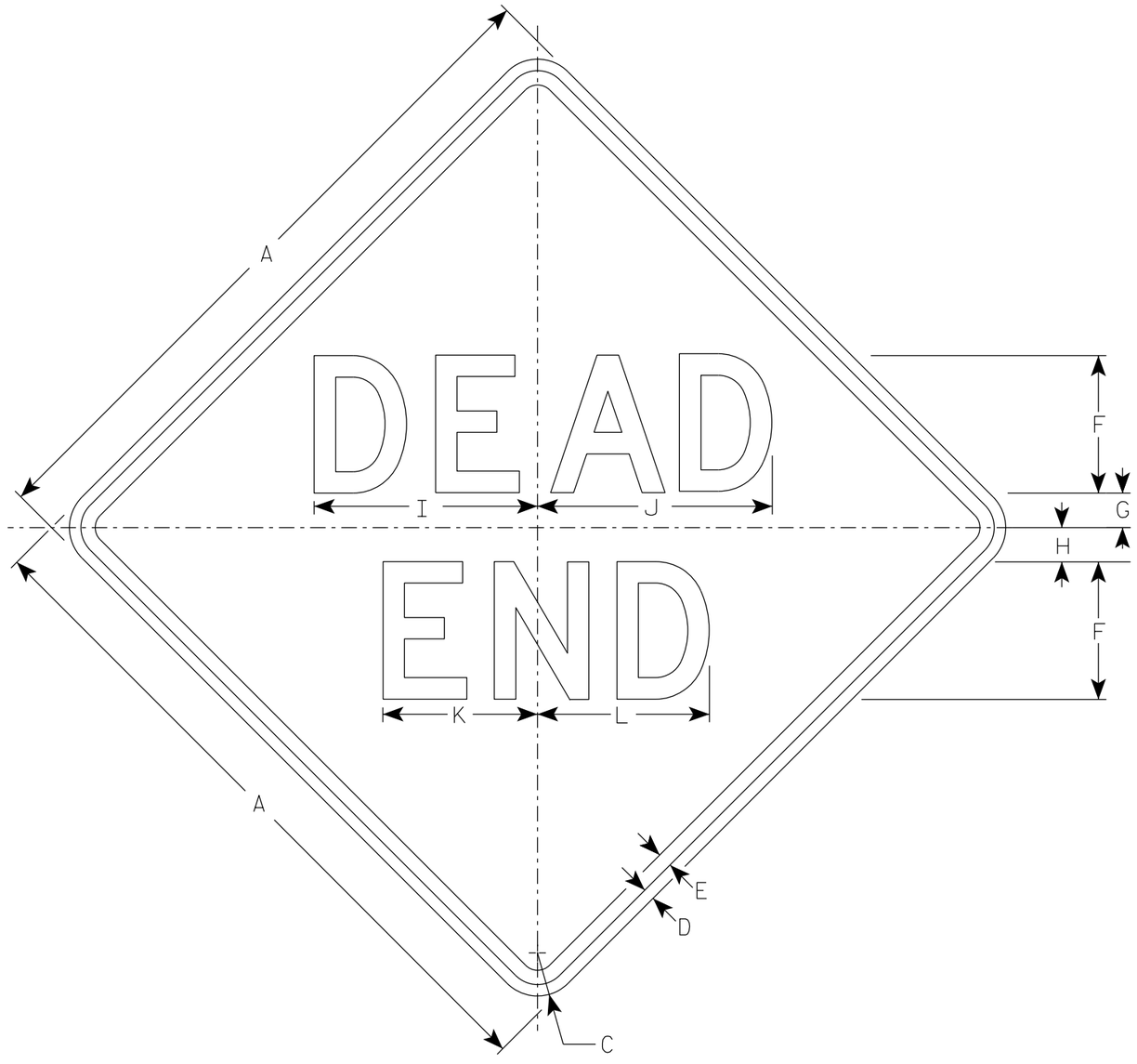
STANDARD SIGN
W10-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/13/2023 PLATE NO. W10-3.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 224 E



W14-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message 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	Areq sq. ft.
1	24		1 1/2	3/8	1/2	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0
2S	30		1 7/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
2M	30		1 7/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
3	36		2 1/4	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0
4																											
5																											

STANDARD SIGN
W14-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

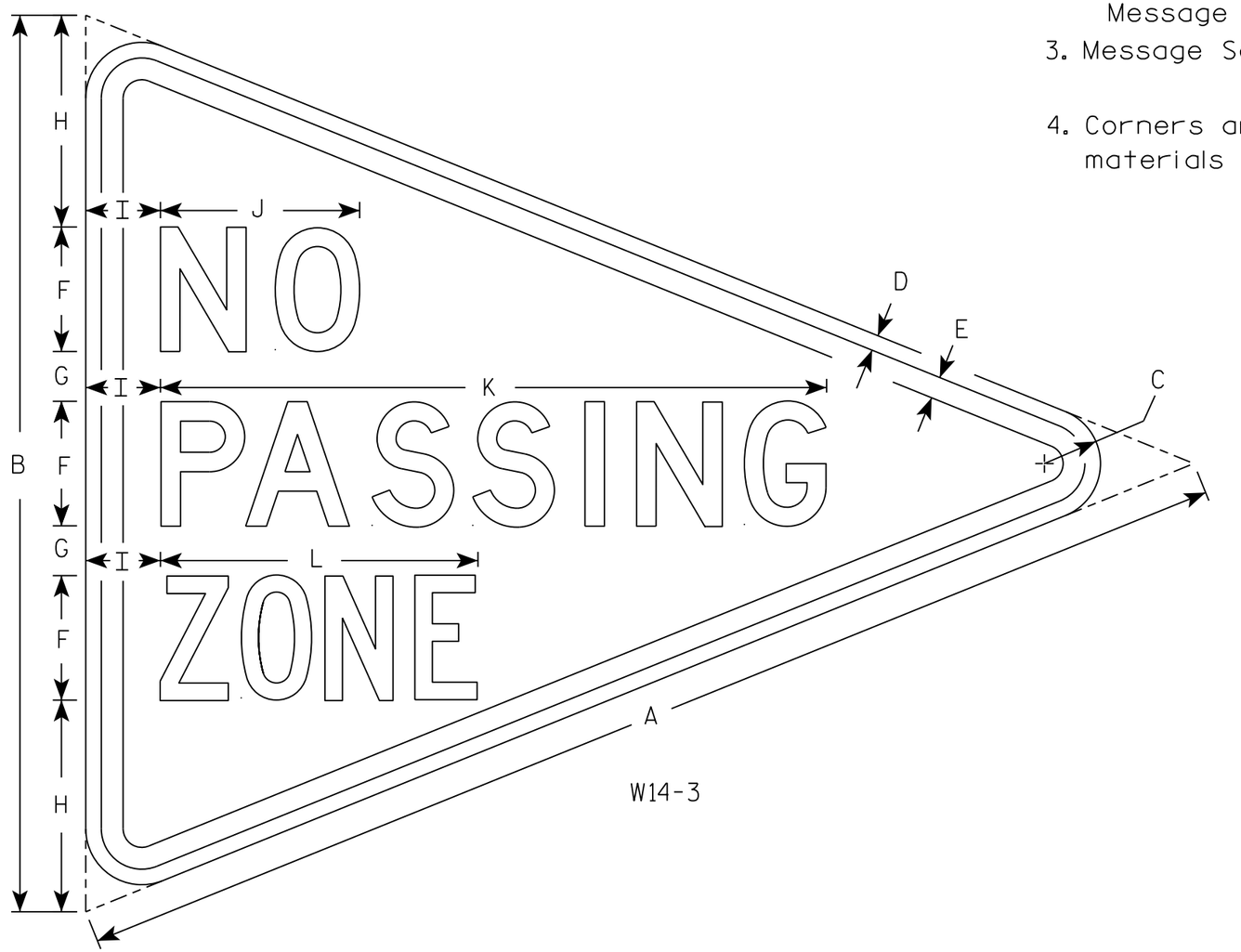
DATE 1/8/2024 PLATE NO. W14-1.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W141.dgn PLOT DATE : 8-Jan 2024 2:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - Lines 1 and 2 are Series D.
   Line 3 is series C.
4. Corners and borders shall be rounded on all base materials for this sign.



W14-3

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	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															5.56
2M																											
3																											
4																											
5																											

STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

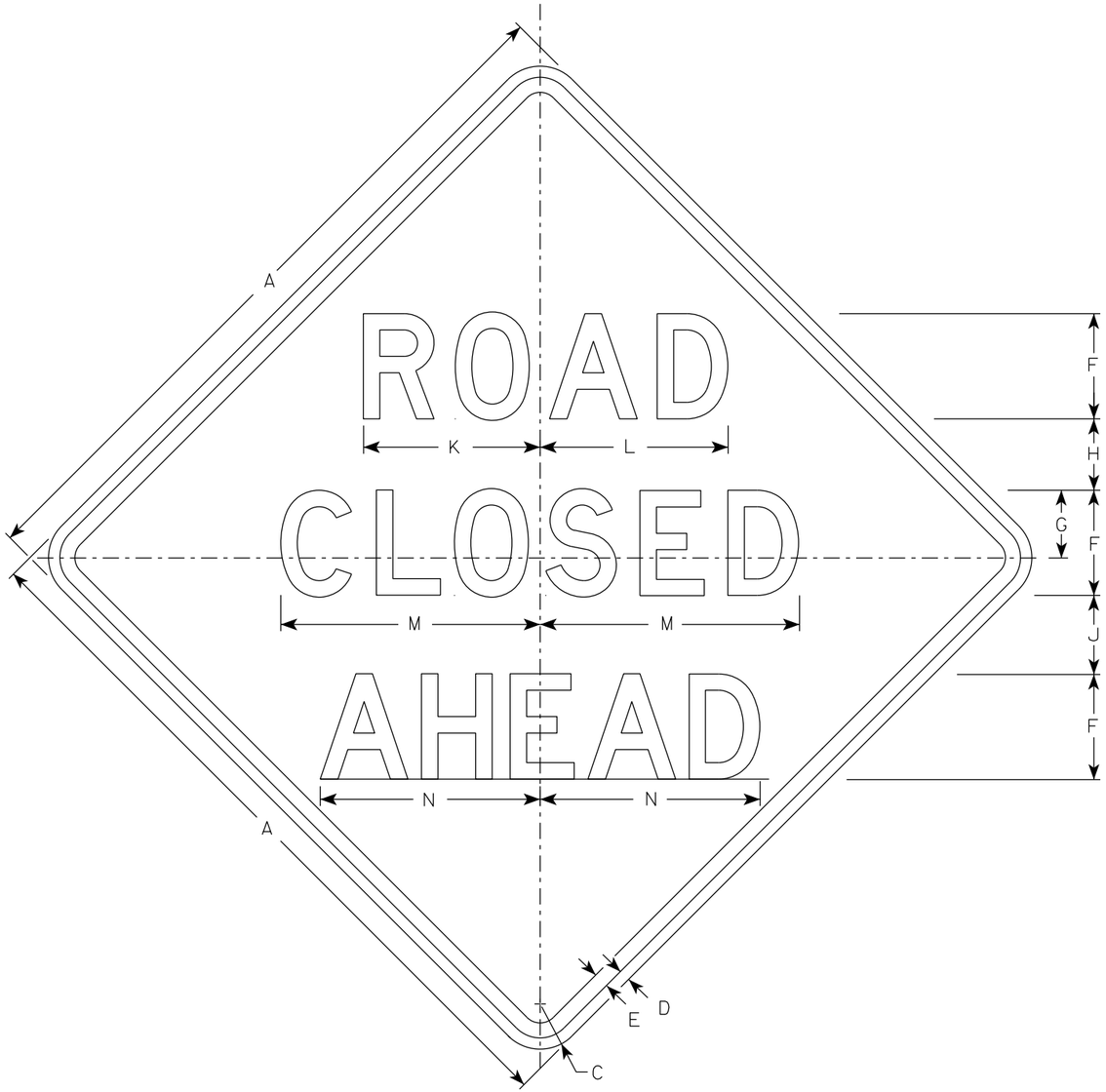
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W14-3.10

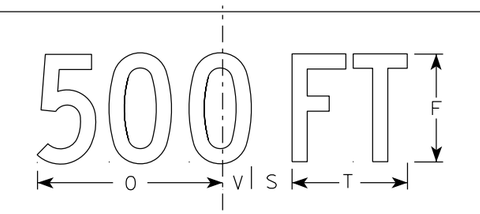
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 226 | E

7

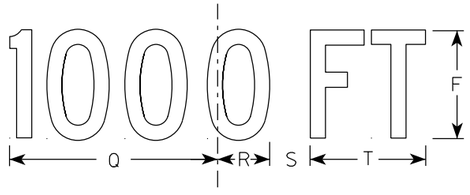
7



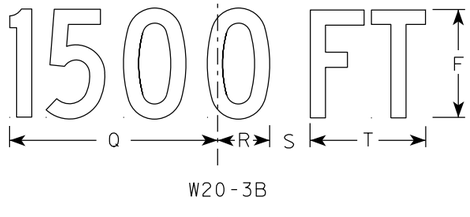
W20-3A



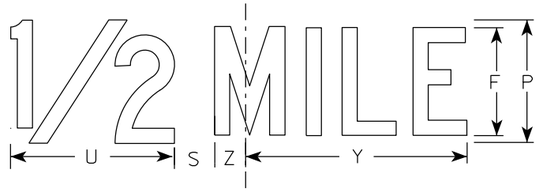
W20-3D



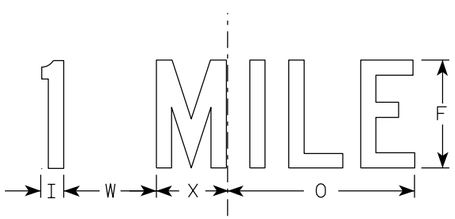
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
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. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

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 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

EARTHWORK - MAINLINE

STATION	AREA (SF) CUT	AREA (SF) FILL	INCREMENTAL VOLUME (CY) CUT NOTE 1	INCREMENTAL VOLUME (CY) FILL NOTE 2	INCREMENTAL VOLUME (CY) EXPANDED FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) CUT (1.0) NOTE 1	CUMULATIVE VOLUME (CY) FILL NOTE 2	CUMULATIVE VOLUME (CY) FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) MASS ORDINATE NOTE 4
22+50	44	26	0	0	0	0	0	0	0
23+00	48	27	85	49	61	85	49	61	24
24+00	44	11	170	70	88	255	119	149	106
25+00	44	22	164	61	76	419	180	225	194
26+00	34	55	145	142	178	564	322	403	161
27+00	23	84	105	256	320	669	578	723	-54
28+00	74	78	180	300	375	849	878	1,098	-249
29+00	36	44	205	227	284	1,054	1,105	1,382	-328
30+00	36	29	133	135	169	1,187	1,240	1,551	-364
31+00	34	15	128	82	103	1,315	1,322	1,654	-339
32+00	19	28	98	81	101	1,413	1,403	1,755	-342
33+00	11	94	57	227	284	1,470	1,630	2,039	-569
34+00	15	55	49	276	345	1,519	1,906	2,384	-865
35+00	26	26	76	149	186	1,595	2,055	2,570	-975
36+00	28	48	99	136	170	1,694	2,191	2,740	-1,046
37+00	29	100	105	273	341	1,799	2,464	3,081	-1,282
38+00	45	24	137	229	286	1,936	2,693	3,367	-1,431
39+00	233	8	515	59	74	2,451	2,752	3,441	-990
40+00	185	9	774	33	41	3,225	2,785	3,482	-257
41+00	88	12	504	39	49	3,729	2,824	3,531	198
42+00	51	37	256	90	113	3,985	2,914	3,644	341
43+00	47	138	180	324	405	4,165	3,238	4,049	116
44+00	48	123	174	483	604	4,339	3,721	4,653	-314
45+00	50	62	181	342	428	4,520	4,063	5,081	-561
46+00	49	136	183	366	458	4,703	4,429	5,539	-836
47+00	50	161	183	551	689	4,886	4,980	6,228	-1,342
48+00	44	203	174	675	844	5,060	5,655	7,072	-2,012
49+00	56	221	186	785	981	5,246	6,440	8,053	-2,807
50+00	57	183	209	747	934	5,455	7,187	8,987	-3,532
51+00	53	147	202	611	764	5,657	7,798	9,751	-4,094
52+00	84	106	254	468	585	5,911	8,266	10,336	-4,425
53+00	52	87	252	357	446	6,163	8,623	10,782	-4,619
54+00	56	45	200	245	306	6,363	8,868	11,088	-4,725
55+00	55	33	205	145	181	6,568	9,013	11,269	-4,701
56+00	56	32	204	120	150	6,772	9,133	11,419	-4,647
57+00	96	87	281	219	274	7,053	9,352	11,693	-4,640
58+00	67	46	302	245	306	7,355	9,597	11,999	-4,644
59+00	53	55	222	187	234	7,577	9,784	12,233	-4,656
60+00	59	13	208	127	159	7,785	9,911	12,392	-4,607
61+00	88	8	273	40	50	8,058	9,951	12,442	-4,384
62+00	117	0	380	16	20	8,438	9,967	12,462	-4,024
63+00	84	11	373	20	25	8,811	9,987	12,487	-3,676
64+00	67	18	280	54	68	9,091	10,041	12,555	-3,464
65+00	76	9	265	50	63	9,356	10,091	12,618	-3,262
66+00	54	35	241	82	103	9,597	10,173	12,721	-3,124
67+00	25	174	146	387	484	9,743	10,560	13,205	-3,462
68+00	16	395	75	1,053	1,316	9,818	11,613	14,521	-4,703
69+00	35	155	94	1,019	1,274	9,912	12,632	15,795	-5,883
70+00	110	11	268	307	384	10,180	12,939	16,179	-5,999
71+00	115	11	417	41	51	10,597	12,980	16,230	-5,633
72+00	107	11	412	41	51	11,009	13,021	16,281	-5,272
73+00	96	16	377	50	63	11,386	13,071	16,344	-4,958
74+00	78	3	323	34	43	11,709	13,105	16,387	-4,678
75+00	100	9	330	21	26	12,039	13,126	16,413	-4,374
MAINLINE COLUMN SUBTOTALS =			12,039	13,126	16,413	12,039	13,126	16,413	-4,374

EARTHWORK - MAINLINE CONTINUED

STATION	AREA (SF) CUT	AREA (SF) FILL	INCREMENTAL VOLUME (CY) CUT NOTE 1	INCREMENTAL VOLUME (CY) FILL NOTE 2	INCREMENTAL VOLUME (CY) EXPANDED FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) CUT (1.0) NOTE 1	CUMULATIVE VOLUME (CY) FILL NOTE 2	CUMULATIVE VOLUME (CY) FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) MASS ORDINATE NOTE 4
76+00	36	16	252	47	59	12,291	13,173	16,472	-4,181
77+00	29	10	120	49	61	12,411	13,222	16,533	-4,122
78+00	17	38	85	89	111	12,496	13,311	16,644	-4,148
79+00	12	131	54	313	391	12,550	13,624	17,035	-4,485
80+00	5	272	33	746	933	12,583	14,370	17,968	-5,385
81+00	11	387	31	1,219	1,524	12,614	15,589	19,492	-6,878
82+00	20	85	58	872	1,090	12,672	16,461	20,582	-7,910
83+00	28	41	88	232	290	12,760	16,693	20,872	-8,112
84+00	70	24	180	120	150	12,940	16,813	21,022	-8,082
85+00	192	2	485	48	60	13,425	16,861	21,082	-7,657
86+00	132	8	601	19	24	14,026	16,880	21,106	-7,080
87+00	68	52	370	112	140	14,396	16,992	21,246	-6,850
88+00	47	99	212	279	349	14,608	17,271	21,595	-6,987
89+00	43	118	167	402	503	14,775	17,673	22,098	-7,323
90+00	35	104	145	411	514	14,920	18,084	22,612	-7,692
91+00	32	92	125	362	453	15,045	18,446	23,065	-8,020
92+00	33	78	120	314	393	15,165	18,760	23,458	-8,293
93+00	35	72	125	277	346	15,290	19,037	23,804	-8,514
94+00	28	177	118	460	575	15,408	19,497	24,379	-8,971
95+00	44	268	135	824	1,030	15,543	20,321	25,409	-9,866
96+00	41	61	159	609	761	15,702	20,930	26,170	-10,468
97+00	57	7	182	126	158	15,884	21,056	26,328	-10,444
98+00	48	6	194	24	30	16,078	21,080	26,358	-10,280
99+00	73	8	224	26	33	16,302	21,106	26,391	-10,089
100+00	44	14	218	41	51	16,520	21,147	26,442	-9,922
101+00	30	12	138	49	61	16,658	21,196	26,503	-9,845
102+00	24	91	99	192	240	16,757	21,388	26,743	-9,986
103+00	25	236	91	606	758	16,848	21,994	27,501	-10,653
104+00	49	10	138	455	569	16,986	22,449	28,070	-11,084
105+00	83	0	244	19	24	17,230	22,468	28,094	-10,864
106+00	54	208	253	385	481	17,483	22,853	28,575	-11,092
107+00	39	4	172	392	490	17,655	23,245	29,065	-11,410
108+00	22	77	113	149	186	17,768	23,394	29,251	-11,483
109+00	10	166	60	450	563	17,828	23,844	29,814	-11,986
110+00	11	142	39	571	714	17,867	24,415	30,528	-12,661
111+00	32	44	79	345	431	17,946	24,760	30,959	-13,013
112+00	82	0	211	81	101	18,157	24,841	31,060	-12,903
113+00	105	0	346	0	0	18,503	24,841	31,060	-12,557
114+00	94	5	368	10	13	18,871	24,851	31,073	-12,202
115+00	51	22	268	51	64	19,139	24,902	31,137	-11,998
116+00	52	32	190	100	125	19,329	25,002	31,262	-11,933
117+00	42	40	173	133	166	19,502	25,135	31,428	-11,926
118+00	30	31	132	132	165	19,634	25,267	31,593	-11,959
119+00	33	65	117	179	224	19,751	25,446	31,817	-12,066
120+00	38	151	132	401	501	19,883	25,847	32,318	-12,435
121+00	49	140	162	540	675	20,045	26,387	32,993	-12,948
122+00	50	113	183	469	586	20,228	26,856	33,579	-13,351
123+00	45	90	175	375	469	20,403	27,231	34,048	-13,645
124+00	48	57	172	273	341	20,575	27,504	34,389	-13,814
125+00	52	38	186	177	221	20,761	27,681	34,610	-13,849
126+00	53	20	196	107	134	20,957	27,788	34,744	-13,787
127+00	57	9	205	54	68	21,162	27,842	34,812	-13,650
128+00	110	8	311	33	41	21,473	27,875	34,853	-13,380
129+00	90	7	371	29	36	21,844	27,904	34,889	-13,045
MAINLINE COLUMN SUBTOTALS =			9,805	14,778	18,476	21,844	27,904	34,889	-13,045

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE MATERIAL
2 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUMES
3 - FILL (25%)	FILL 25% = (FILL)*1.25
4 - MASS ORDINATE	CUT - FILL (25%)

9

9

PROJECT NO: 6994-00-72 | HWY: CTH P | COUNTY: COLUMBIA | EARTHWORK | SHEET 228 | E

EARTHWORK - MAINLINE CONTINUED

STATION	AREA (SF) CUT	AREA (SF) FILL	INCREMENTAL VOLUME (CY) CUT NOTE 1	INCREMENTAL VOLUME (CY) FILL NOTE 2	INCREMENTAL VOLUME (CY) EXPANDED FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) CUT (1.0) NOTE 1	CUMULATIVE VOLUME (CY) FILL NOTE 2	CUMULATIVE VOLUME (CY) FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) MASS ORDINATE NOTE 4
130+00	95	8	342	28	35	22,186	27,932	34,924	-12,738
131+00	52	22	273	55	69	22,459	27,987	34,993	-12,534
132+00	109	0	299	40	50	22,758	28,027	35,043	-12,285
133+00	32	83	260	153	191	23,018	28,180	35,234	-12,216
134+00	28	78	111	299	374	23,129	28,479	35,608	-12,479
135+00	33	60	112	256	320	23,241	28,735	35,928	-12,687
136+00	28	38	112	182	228	23,353	28,917	36,156	-12,803
137+00	33	11	113	92	115	23,466	29,009	36,271	-12,805
138+00	128	2	299	25	31	23,765	29,034	36,302	-12,537
139+00	73	18	373	37	46	24,138	29,071	36,348	-12,210
140+00	55	3	237	38	48	24,375	29,109	36,396	-12,021
141+00	58	4	208	13	16	24,583	29,122	36,412	-11,829
142+00	48	16	196	37	46	24,779	29,159	36,458	-11,679
143+00	42	15	167	57	71	24,946	29,216	36,529	-11,583
144+00	50	4	169	35	44	25,115	29,251	36,573	-11,458
145+00	96	0	271	7	9	25,386	29,258	36,582	-11,196
146+00	120	3	401	6	8	25,787	29,264	36,590	-10,803
147+00	91	6	391	17	21	26,178	29,281	36,611	-10,433
148+00	91	2	337	16	20	26,515	29,297	36,631	-10,116
149+00	74	6	306	15	19	26,821	29,312	36,650	-9,829
150+00	59	5	246	20	25	27,067	29,332	36,675	-9,608
151+00	51	14	204	36	45	27,271	29,368	36,720	-9,449
152+00	54	8	196	42	53	27,467	29,410	36,773	-9,306
153+00	52	6	197	26	33	27,664	29,436	36,806	-9,142
154+00	47	14	182	36	45	27,846	29,472	36,851	-9,005
155+00	49	17	177	56	70	28,023	29,528	36,921	-8,898
156+00	59	35	201	95	119	28,224	29,623	37,040	-8,816
157+00	69	28	238	116	145	28,462	29,739	37,185	-8,723
158+00	81	5	279	60	75	28,741	29,799	37,260	-8,519
159+00	77	8	294	23	29	29,035	29,822	37,289	-8,254
160+00	60	18	255	47	59	29,290	29,869	37,348	-8,058
161+00	47	22	198	73	91	29,488	29,942	37,439	-7,951
162+00	44	37	168	109	136	29,656	30,051	37,575	-7,919
163+00	36	53	148	166	208	29,804	30,217	37,783	-7,979
164+00	29	46	121	183	229	29,925	30,400	38,012	-8,087
165+00	27	46	104	170	213	30,029	30,570	38,225	-8,196
166+00	31	58	107	192	240	30,136	30,762	38,465	-8,329
167+00	45	14	140	132	165	30,276	30,894	38,630	-8,354
168+00	61	0	195	25	31	30,471	30,919	38,661	-8,190
168+11	16	0	16	0	0	30,487	30,919	38,661	-8,174
168+11	0	0	0	0	0	30,487	30,919	38,661	-8,174
168+22	0	0	0	0	0	30,487	30,919	38,661	-8,174
168+22	15	0	0	0	0	30,487	30,919	38,661	-8,174
169+00	40	2	79	3	4	30,566	30,922	38,665	-8,099
170+00	54	17	174	34	43	30,740	30,956	38,708	-7,968
171+00	50	24	192	74	93	30,932	31,030	38,801	-7,869
172+00	43	23	171	86	108	31,103	31,116	38,909	-7,806
173+00	42	18	156	75	94	31,259	31,191	39,003	-7,744
174+00	34	19	140	69	86	31,399	31,260	39,089	-7,690
175+00	26	35	111	101	126	31,510	31,361	39,215	-7,705
176+00	17	52	80	161	201	31,590	31,522	39,416	-7,826
177+00	11	72	53	230	288	31,643	31,752	39,704	-8,061
178+00	17	78	53	277	346	31,696	32,029	40,050	-8,354
179+00	27	59	82	252	315	31,778	32,281	40,365	-8,587
180+00	40	23	124	152	190	31,902	32,433	40,555	-8,653
MAINLINE COLUMN SUBTOTALS =			10,058	4,529	5,666	31,902	32,433	40,555	-8,653

EARTHWORK - MAINLINE CONTINUED

STATION	AREA (SF) CUT	AREA (SF) FILL	INCREMENTAL VOLUME (CY) CUT NOTE 1	INCREMENTAL VOLUME (CY) FILL NOTE 2	INCREMENTAL VOLUME (CY) EXPANDED FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) CUT (1.0) NOTE 1	CUMULATIVE VOLUME (CY) FILL NOTE 2	CUMULATIVE VOLUME (CY) FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) MASS ORDINATE NOTE 4
181+00	46	16	159	73	91	32,061	32,506	40,646	-8,585
182+00	46	12	170	53	66	32,231	32,559	40,712	-8,481
183+00	45	20	169	59	74	32,400	32,618	40,786	-8,386
184+00	40	27	157	86	108	32,557	32,704	40,894	-8,337
185+00	46	17	160	81	101	32,717	32,785	40,995	-8,278
186+00	46	20	171	67	84	32,888	32,852	41,079	-8,191
187+00	36	29	151	91	114	33,039	32,943	41,193	-8,154
188+00	30	29	122	109	136	33,161	33,052	41,329	-8,168
189+00	32	21	115	94	118	33,276	33,146	41,447	-8,171
190+00	29	26	112	87	109	33,388	33,233	41,556	-8,168
191+00	21	39	93	120	150	33,481	33,353	41,706	-8,225
192+00	6	65	51	193	241	33,532	33,546	41,947	-8,415
193+00	7	102	25	309	386	33,557	33,855	42,333	-8,776
194+00	8	133	28	435	544	33,585	34,290	42,877	-9,292
195+00	19	109	50	447	559	33,635	34,737	43,436	-9,801
196+00	38	47	105	288	360	33,740	35,025	43,796	-10,056
197+00	50	20	162	123	154	33,902	35,148	43,950	-10,048
198+00	43	12	171	58	73	34,073	35,206	44,023	-9,950
199+00	45	14	163	47	59	34,236	35,253	44,082	-9,846
200+00	41	14	159	51	64	34,395	35,304	44,146	-9,751
201+00	36	22	141	66	83	34,536	35,370	44,229	-9,693
202+00	17	83	98	195	244	34,634	35,565	44,473	-9,839
203+00	18	185	65	496	620	34,699	36,061	45,093	-10,394
204+00	15	211	61	732	915	34,760	36,793	46,008	-11,248
205+00	25	83	74	544	680	34,834	37,337	46,688	-11,854
206+00	31	54	105	254	318	34,939	37,591	47,006	-12,067
207+00	53	53	157	199	249	35,096	37,790	47,255	-12,159
208+00	78	15	244	127	159	35,340	37,917	47,414	-12,074
209+00	76	11	287	48	60	35,627	37,965	47,474	-11,847
210+00	46	27	226	70	88	35,853	38,035	47,562	-11,709
211+00	43	28	164	101	126	36,017	38,136	47,688	-11,671
212+00	47	33	167	112	140	36,184	38,248	47,828	-11,644
213+00	49	31	178	118	148	36,362	38,366	47,976	-11,614
214+00	51	36	185	125	156	36,547	38,491	48,132	-11,585
215+00	47	35	182	133	166	36,729	38,624	48,298	-11,569
216+00	49	40	179	140	175	36,908	38,764	48,473	-11,565
217+00	47	42	177	152	190	37,085	38,916	48,663	-11,578
218+00	56	45	191	160	200	37,276	39,076	48,863	-11,587
219+00	55	41	206	159	199	37,482	39,235	49,062	-11,580
220+00	50	36	194	143	179	37,676	39,378	49,241	-11,565
221+00	45	34	176	131	164	37,852	39,509	49,405	-11,553
222+00	35	23	148	107	134	38,000	39,616	49,539	-11,539
223+00	51	7	158	57	71	38,158	39,673	49,610	-11,452
224+00	85	3	250	19	24	38,408	39,692	49,634	-11,226
225+00	64	9	275	22	28	38,683	39,714	49,662	-10,979
226+00	44	40	199	92	115	38,882	39,806	49,777	-10,895
227+00	45	41	163	151	189	39,045	39,957	49,966	-10,921
228+00	50	34	176	138	173	39,221	40,095	50,139	-10,918
229+00	47	30	180	118	148	39,401	40,213	50,287	-10,886
230+00	82	21	238	94	118	39,639	40,307	50,405	-10,766
231+00	63	10	269	58	73	39,908	40,365	50,478	-10,570
232+00	39	14	190	46	58	40,098	40,411	50,536	-10,438
233+00	72	15	206	55	69	40,304	40,466	50,605	-10,301
234+00	81	4	283	35	44	40,587	40,501	50,649	-10,062
MAINLINE COLUMN SUBTOTALS =			8,685	8,068	10,094	40,587	40,501	50,649	-10,062

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE MATERIAL
2 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUMES
3 - FILL (25%)	FILL 25% = (FILL)*1.25
4 - MASS ORDINATE	CUT - FILL (25%)

EARTHWORK - MAINLINE CONTINUED

	AREA (SF)		INCREMENTAL VOLUME (CY)			CUMULATIVE VOLUME (CY)			
STATION	CUT	FILL	CUT NOTE 1	FILL NOTE 2	EXPANDED FILL (1.25) NOTE 3	CUT (1.0) NOTE 1	FILL NOTE 2	FILL (1.25) NOTE 3	MASS ORDINATE NOTE 4
235+00	78	11	294	28	35	40,881	40,529	50,684	-9,803
236+00	79	27	291	70	88	41,172	40,599	50,772	-9,600
237+00	68	57	273	155	194	41,445	40,754	50,966	-9,521
238+00	68	40	253	179	224	41,698	40,933	51,190	-9,492
239+00	76	12	267	96	120	41,965	41,029	51,310	-9,345
240+00	75	1	279	24	30	42,244	41,053	51,340	-9,096
241+00	79	3	285	8	10	42,529	41,061	51,350	-8,821
242+00	77	1	290	7	9	42,819	41,068	51,359	-8,540
243+00	81	7	293	15	19	43,112	41,083	51,378	-8,266
244+00	51	35	243	78	98	43,355	41,161	51,476	-8,121
245+00	48	46	184	150	188	43,539	41,311	51,664	-8,125
246+00	79	33	236	147	184	43,775	41,458	51,848	-8,073
247+00	49	55	237	163	204	44,012	41,621	52,052	-8,040
248+00	48	67	179	226	283	44,191	41,847	52,335	-8,144
249+00	58	79	197	271	339	44,388	42,118	52,674	-8,286
250+00	19	111	143	352	440	44,531	42,470	53,114	-8,583
251+00	14	123	61	433	541	44,592	42,903	53,655	-9,063
252+00	36	64	93	347	434	44,685	43,250	54,089	-9,404
253+00	97	30	247	175	219	44,932	43,425	54,308	-9,376
254+00	119	16	401	86	108	45,333	43,511	54,416	-9,083
255+00	97	13	400	54	68	45,733	43,565	54,484	-8,751
256+00	105	5	374	34	43	46,107	43,599	54,527	-8,420
257+00	128	1	432	11	14	46,539	43,610	54,541	-8,002
258+00	100	2	423	6	8	46,962	43,616	54,549	-7,587
259+00	99	17	369	36	45	47,331	43,652	54,594	-7,263
260+00	127	1	417	34	43	47,748	43,686	54,637	-6,889
261+00	88	0	397	2	3	48,145	43,688	54,640	-6,495
262+00	144	0	429	0	0	48,574	43,688	54,640	-6,066
263+00	101	0	455	0	0	49,029	43,688	54,640	-5,611
264+00	84	0	343	1	1	49,372	43,689	54,641	-5,269
264+58	122	0	221	0	0	49,586	43,689	54,641	-5,055
MAINLINE COLUMN SUBTOTALS =			9,006	3,188	3,992				
MAINLINE COLUMN TOTALS =	49,593	43,689	54,641			49,586	43,689	54,641	-5,055

EARTHWORK - 'B'-LINE (FORDEG RD.)

	AREA (SF)		INCREMENTAL VOLUME (CY)			CUMULATIVE VOLUME (CY)			
STATION	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	CUT 1.00 NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	MASS ORDINATE NOTE 4
117'B'+00	98	0	0	0	0	0	0	0	0
117'B'+50	82	0	167	0	0	167	0	0	167
118'B'+00	49	23	121	22	28	288	22	28	260
118'B'+40	109	0	117	17	21	405	39	49	356
'B' - LINE COLUMN SUBTOTALS =			405	39	49	405	39	49	356

EARTHWORK - 'C'-LINE (KRUEGER RD.)

	AREA (SF)		INCREMENTAL VOLUME (CY)			CUMULATIVE VOLUME (CY)			
STATION	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	CUT 1.00 NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	MASS ORDINATE NOTE 4
132'C'+23	146	0	0	0	0	0	0	0	0
132'C'+50	133	29	139	14	18	139	14	18	121
133'C'+00	55	5	174	31	39	313	45	57	256
133'C'+50	25	32	74	34	43	387	79	100	287
133'C'+75	21	43	21	34	43	408	113	143	265
'C' - LINE COLUMN SUBTOTALS =			408	113	143	408	113	143	265

EARTHWORK - 'D'-LINE (JONES RD.)

	AREA (SF)		INCREMENTAL VOLUME (CY)			CUMULATIVE VOLUME (CY)			
STATION	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	CUT 1.00 NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	MASS ORDINATE NOTE 4
223'D'+25	25	1	0	0	0	0	0	0	0
223'D'+50	25	1	23	1	1	23	1	1	22
224'D'+00	103	0	119	1	1	142	2	2	140
224'D'+37	146	0	171	0	0	313	2	2	311
'D' - LINE COLUMN SUBTOTALS =			313	2	2	313	2	2	311

EARTHWORK - 'E'-LINE (2ND ST.)

	AREA (SF)		INCREMENTAL VOLUME (CY)			CUMULATIVE VOLUME (CY)			
STATION	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	CUT 1.00 NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	MASS ORDINATE NOTE 4
256'E'+45	54	4	0	0	0	0	0	0	0
256'E'+50	53	4	10	1	1	10	1	1	9
257'E'+00	57	6	102	10	13	112	11	14	98
257'E'+50	77	6	124	11	14	236	22	28	208
257'E'+97	165	0	210	5	6	446	27	33	413
'E' - LINE COLUMN SUBTOTALS =			446	27	34	446	27	33	413

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE MATERIAL
2 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUMES
3 - FILL (25%)	FILL 25% = (FILL)*1.25
4 - MASS ORDINATE	CUT - FILL (25%)

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PROJECT NO: 6994-00-72 | HWY: CTH P | COUNTY: COLUMBIA | EARTHWORK | SHEET 230 | E

EARTHWORK - 'F'-LINE (1ST ST. SOUTH)

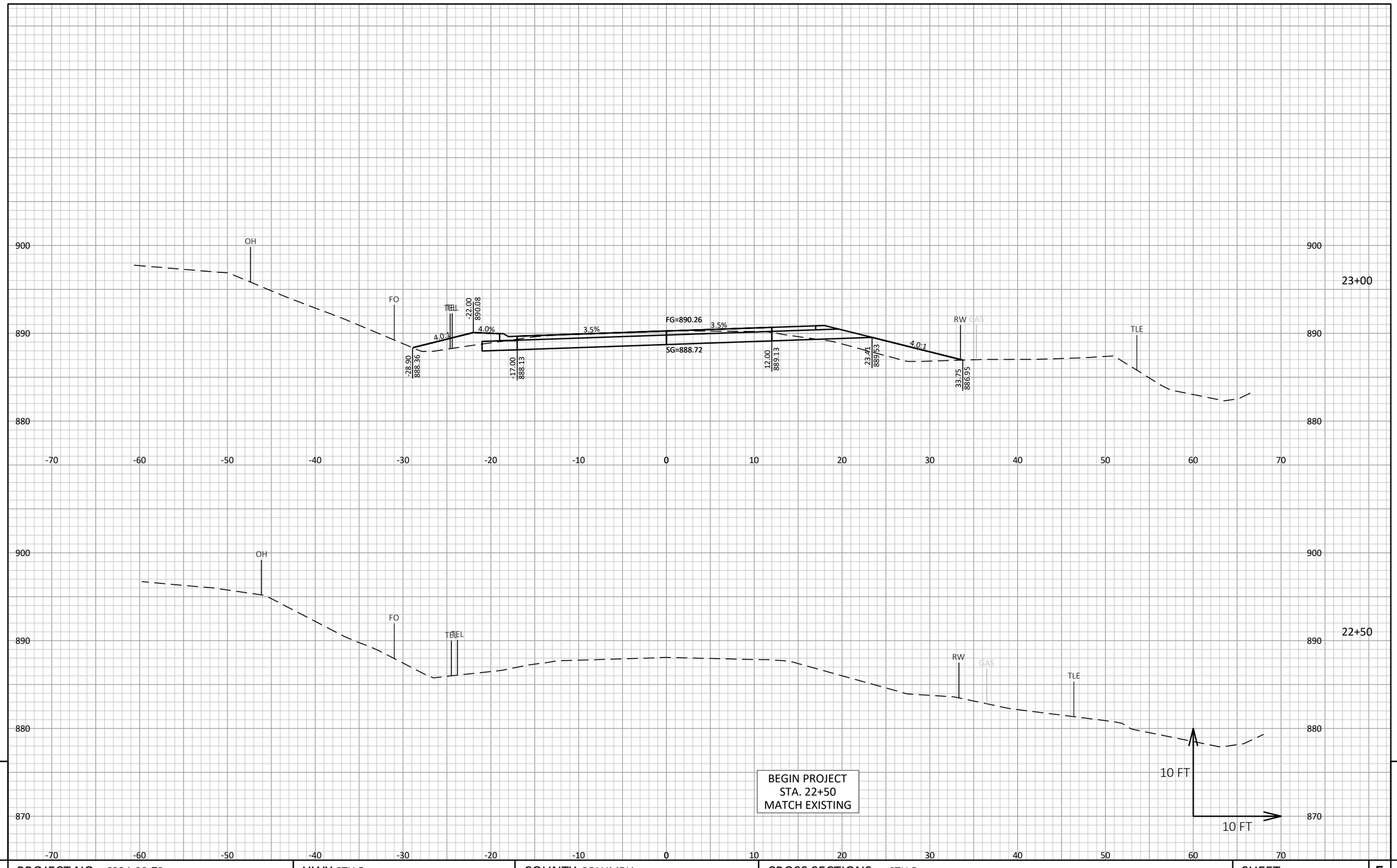
	AREA (SF)		INCREMENTAL VOLUME (CY)			CUMULATIVE VOLUME (CY)			
STATION	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	CUT 1.00 NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	MASS ORDINATE NOTE 4
259'F'+25	65	15	0	0	0	0	0	0	0
260'F'+00	150	6	298	29	36	298	29	36	262
260'F'+50	155	13	283	17	21	581	46	57	524
261'F'+00	118	0	253	12	15	834	58	72	762
261'F'+05	187	0	28	0	0	862	58	72	790
'F' - LINE COLUMN SUBTOTALS =			862	58	72	862	58	72	790

EARTHWORK - 'F'-LINE (1ST ST. NORTH)

	AREA (SF)		INCREMENTAL VOLUME (CY)			CUMULATIVE VOLUME (CY)			
STATION	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	CUT 1.00 NOTE 1	FILL NOTE 2	FILL 1.25 NOTE 3	MASS ORDINATE NOTE 4
261'F'+36	163	0	0	0	0	0	0	0	0
261'F'+50	74	0	62	0	0	62	0	0	62
262'F'+00	68	2	132	2	3	194	2	3	191
262'F'+50	44	4	104	6	8	298	8	11	287
262'F'+55	42	5	8	1	1	306	9	12	294
'F' - LINE COLUMN SUBTOTALS =			306	9	12	306	9	12	294

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE MATERIAL
2 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUMES
3 - FILL (25%)	FILL 25% = (FILL)*1.25
4 - MASS ORDINATE	CUT - FILL (25%)



9	PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 232 E

FILE NAME :

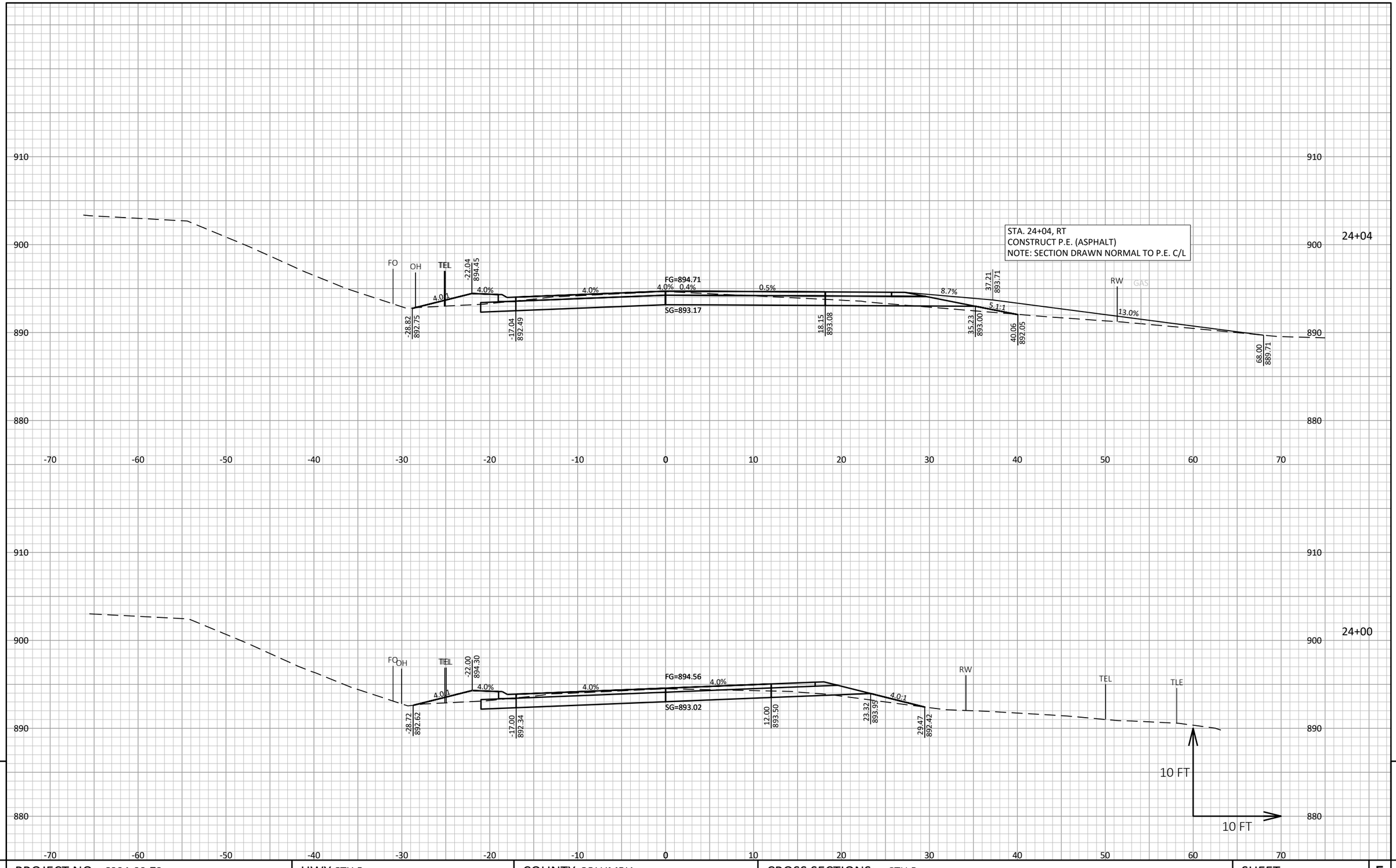
LAYOUT NAME - CTH P 001

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 233	E

FILE NAME :

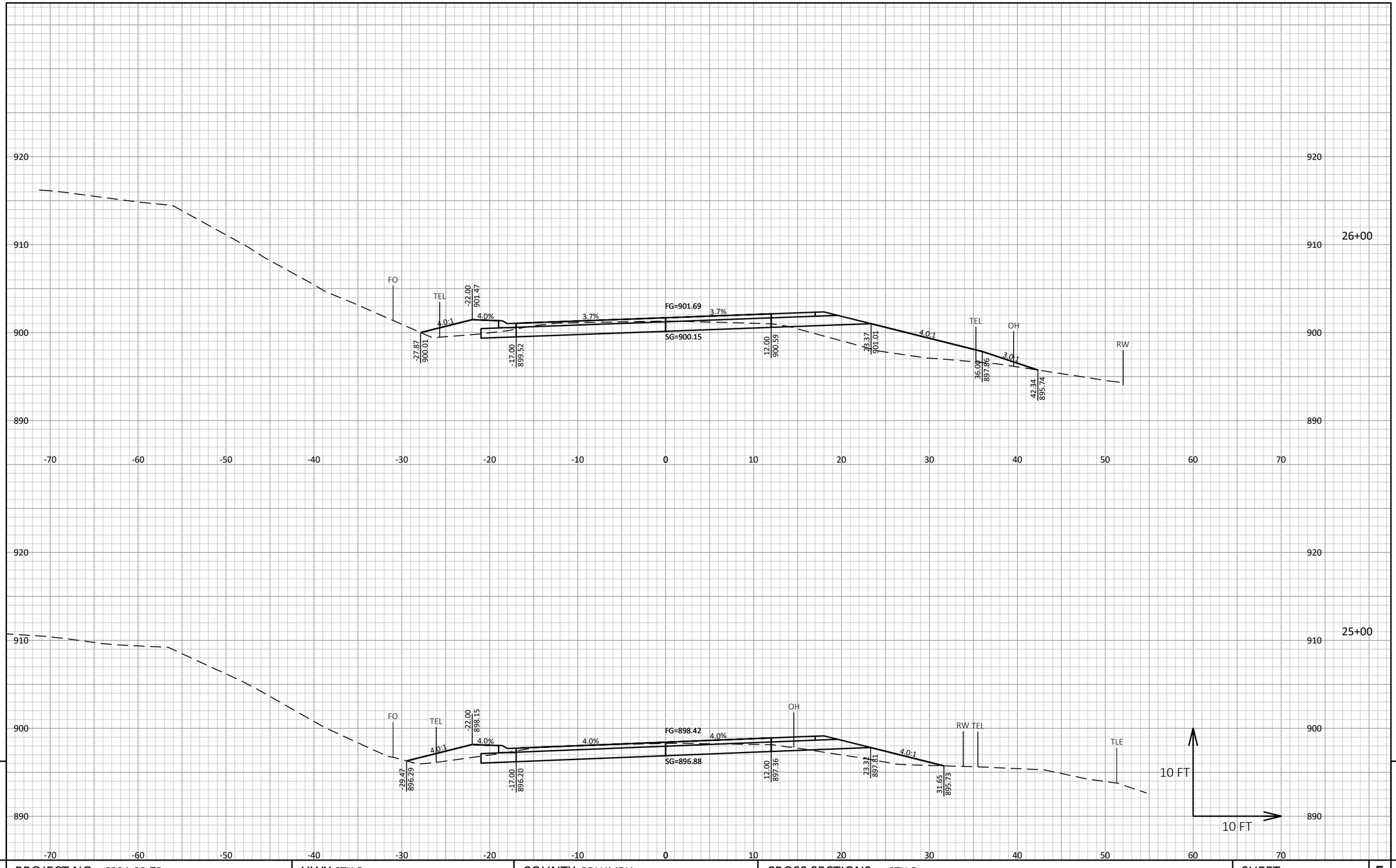
LAYOUT NAME - CTH P 002

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 234	E

FILE NAME :

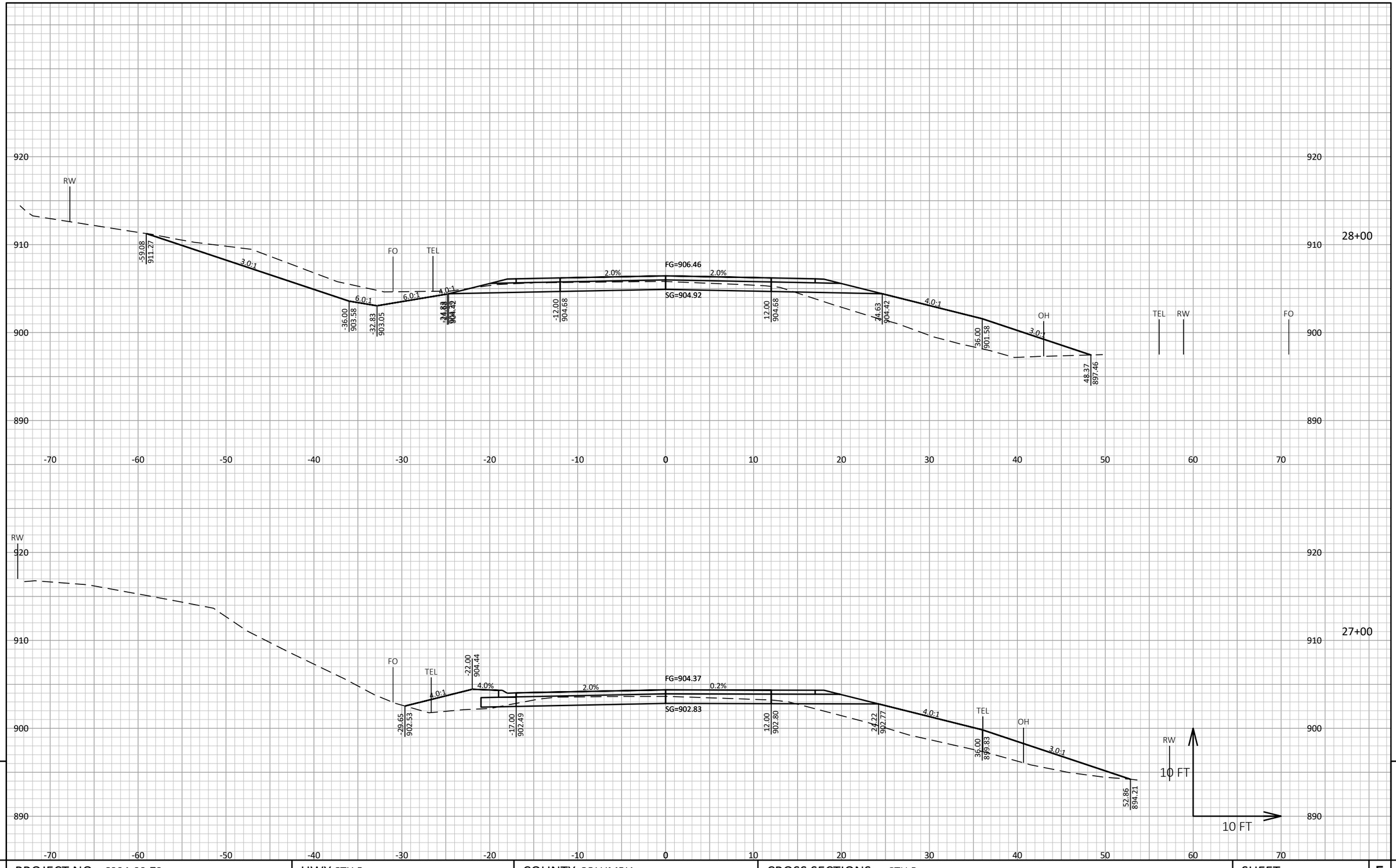
LAYOUT NAME - CTH P 003

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 235	E

FILE NAME :

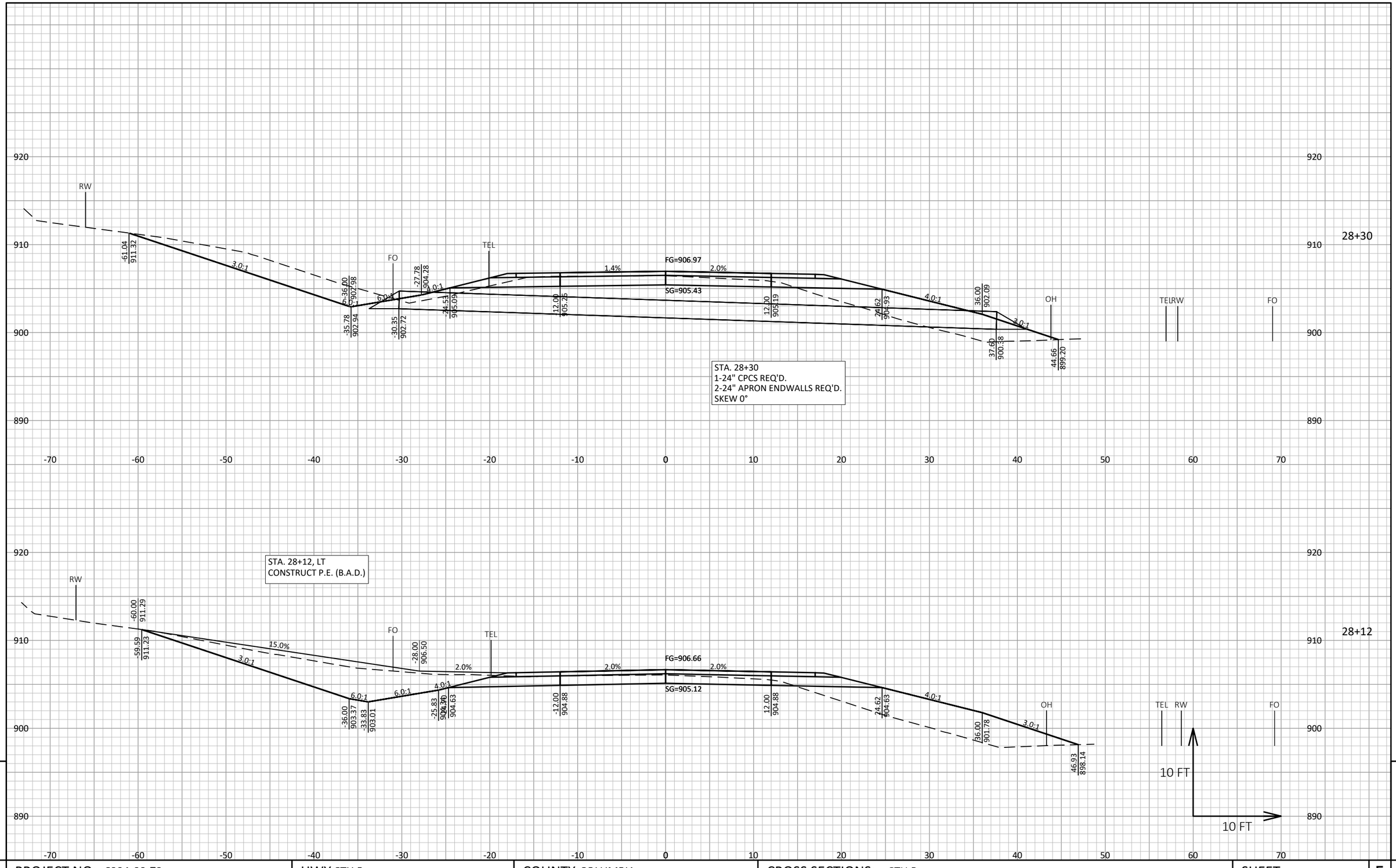
LAYOUT NAME - CTH P 004

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 236	E

FILE NAME :

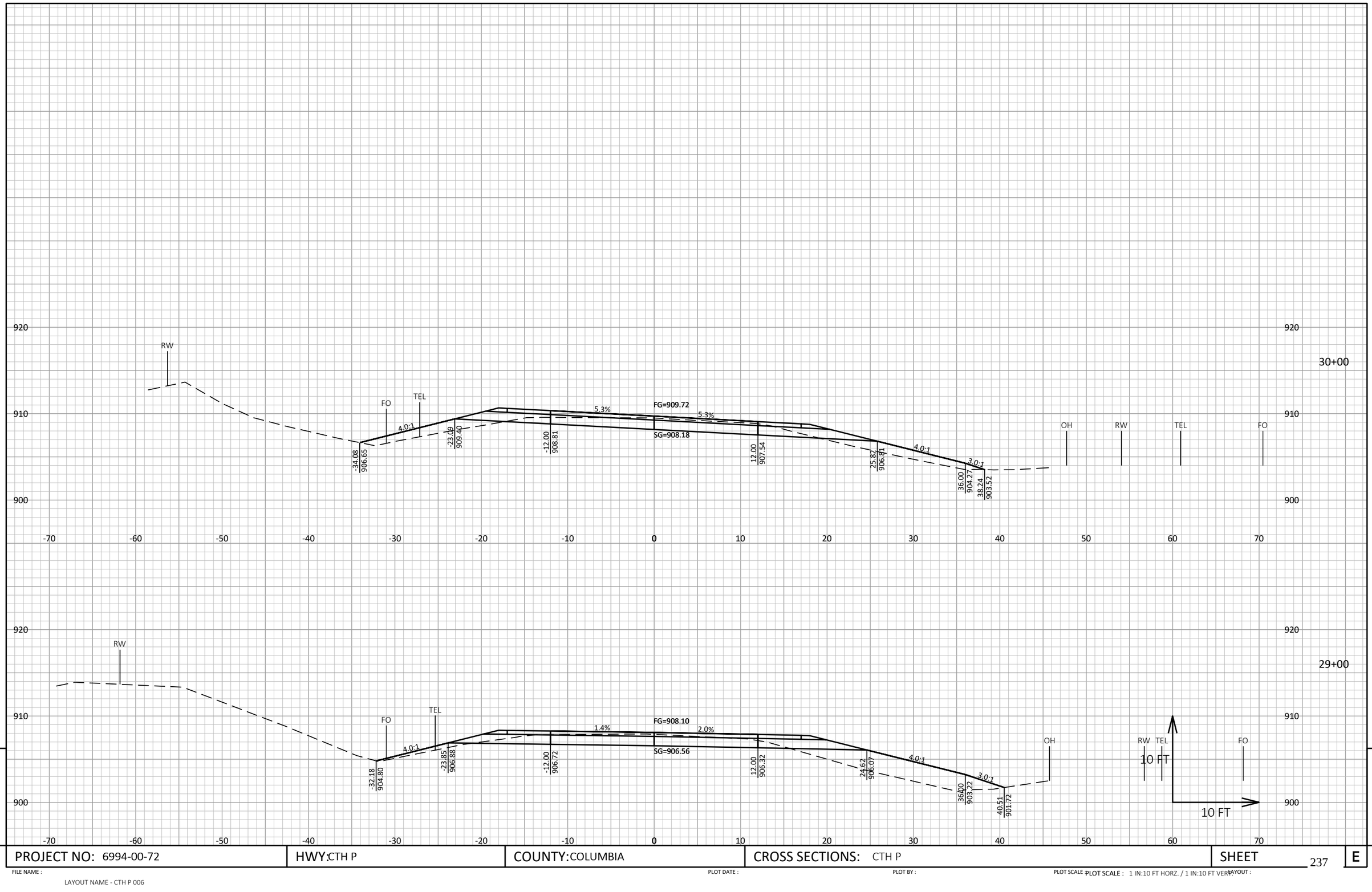
LAYOUT NAME - CTH P 005

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 237	E

FILE NAME :

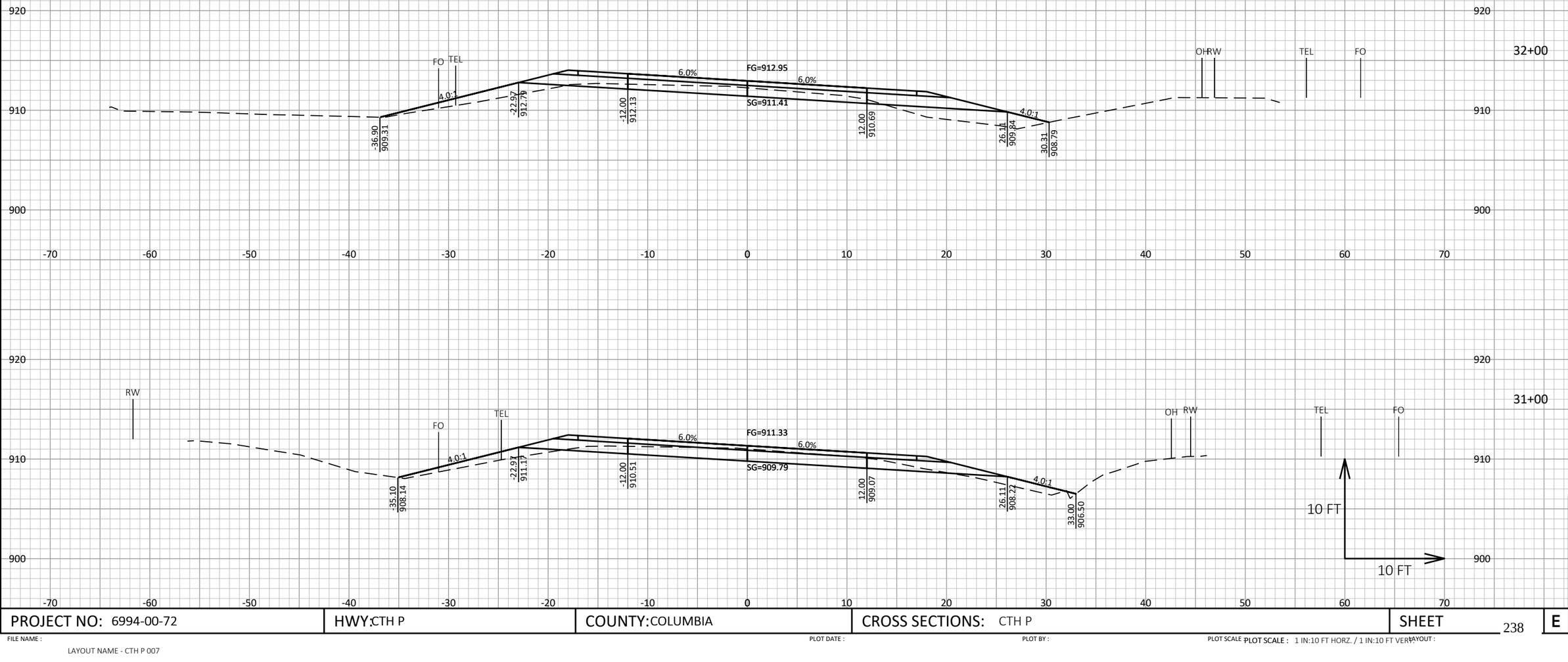
LAYOUT NAME - CTH P 006

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 238	E

FILE NAME :

LAYOUT NAME - CTH P 007

PLOT DATE :

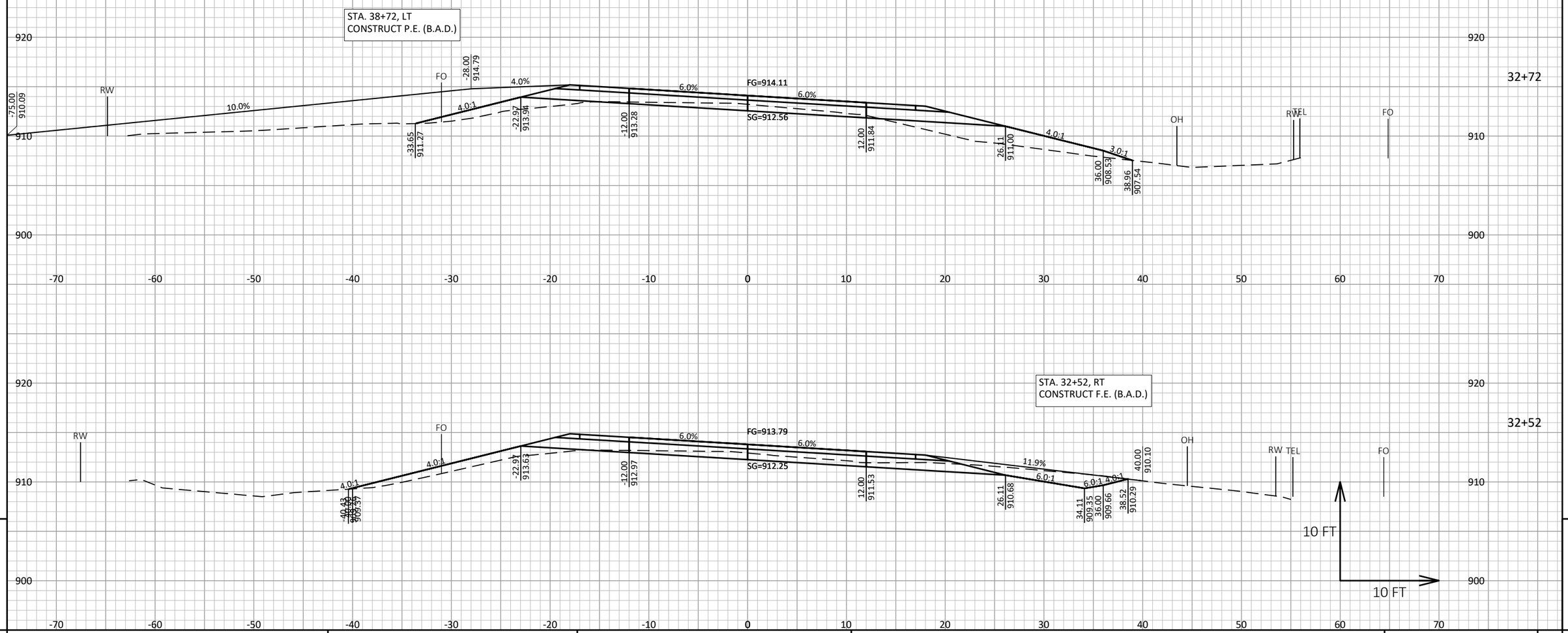
PLOT BY :

PLOT SCALE

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

STA. 38+72, LT
CONSTRUCT P.E. (B.A.D.)



STA. 32+52, RT
CONSTRUCT F.E. (B.A.D.)

9

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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 239	E

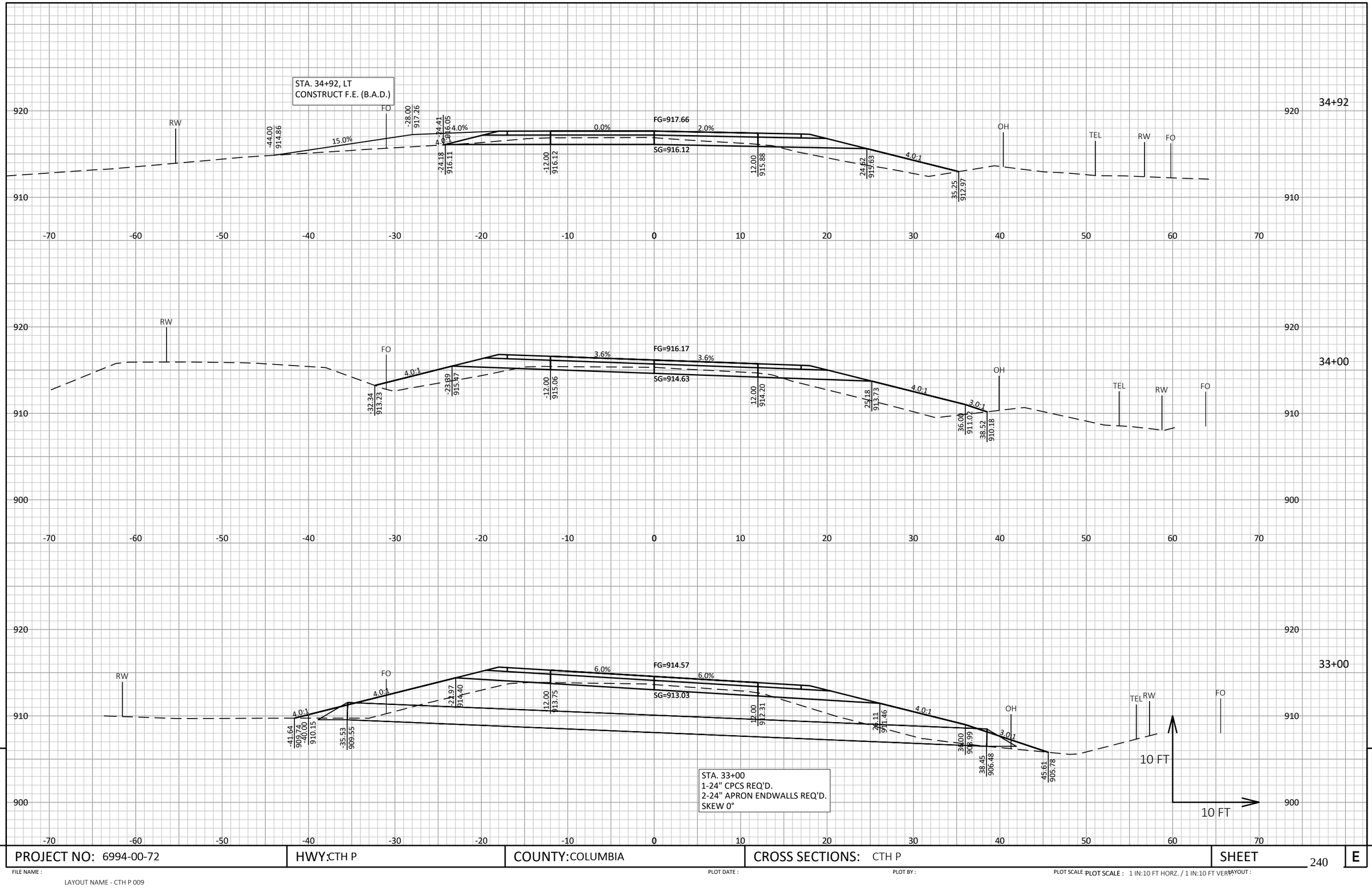
FILE NAME :
LAYOUT NAME - CTH P 008

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 240	E

FILE NAME :

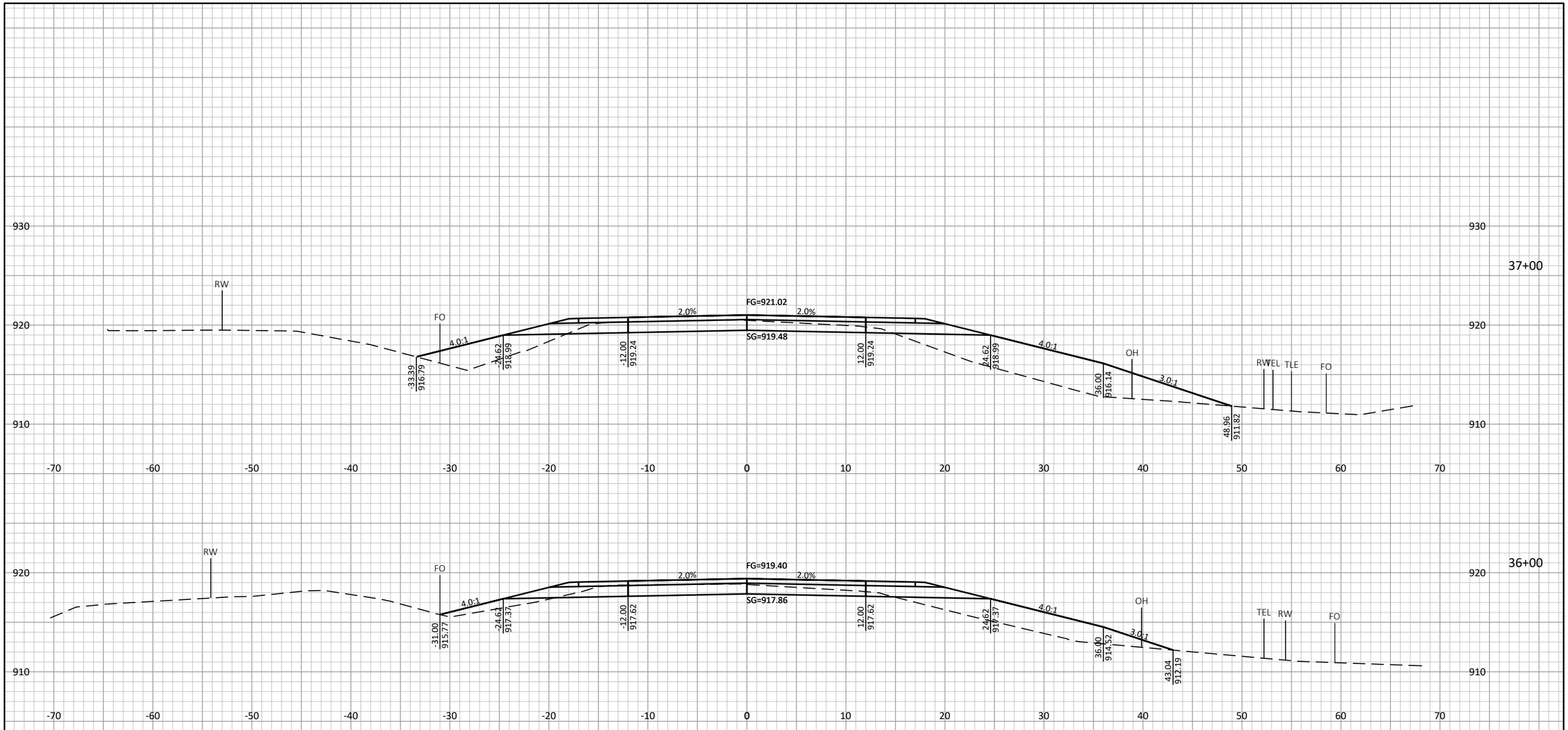
LAYOUT NAME - CTH P 009

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 241	E

FILE NAME :

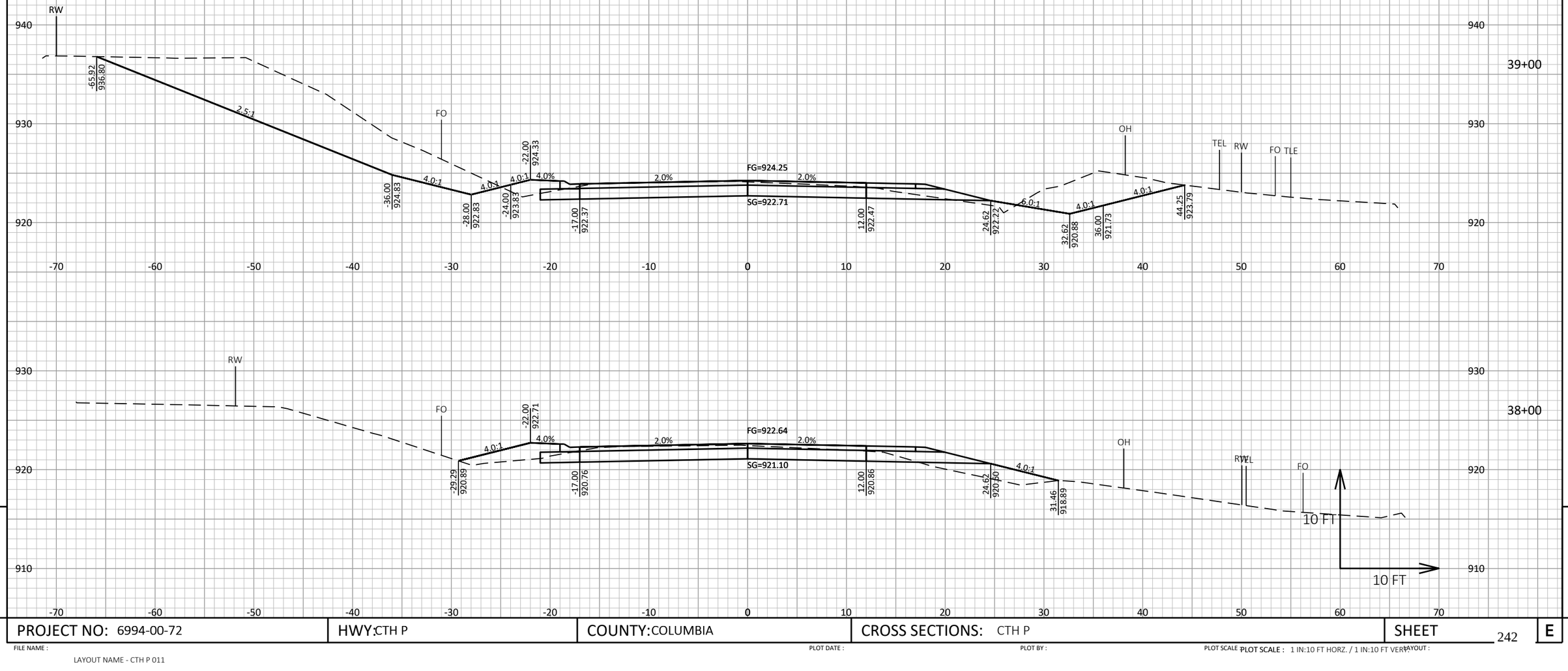
LAYOUT NAME - CTH P 010

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 242	E

FILE NAME :

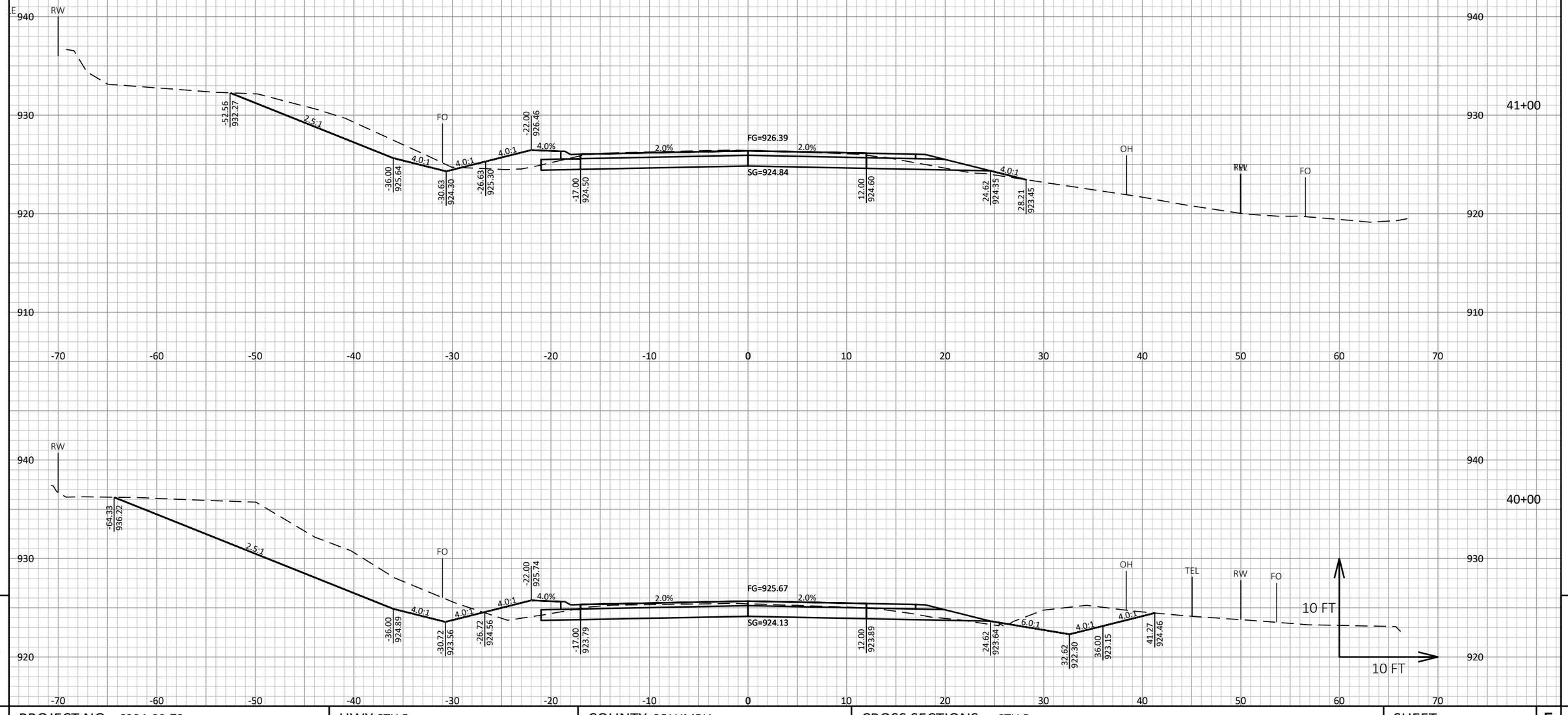
LAYOUT NAME - CTH P 011

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 243	E

FILE NAME :

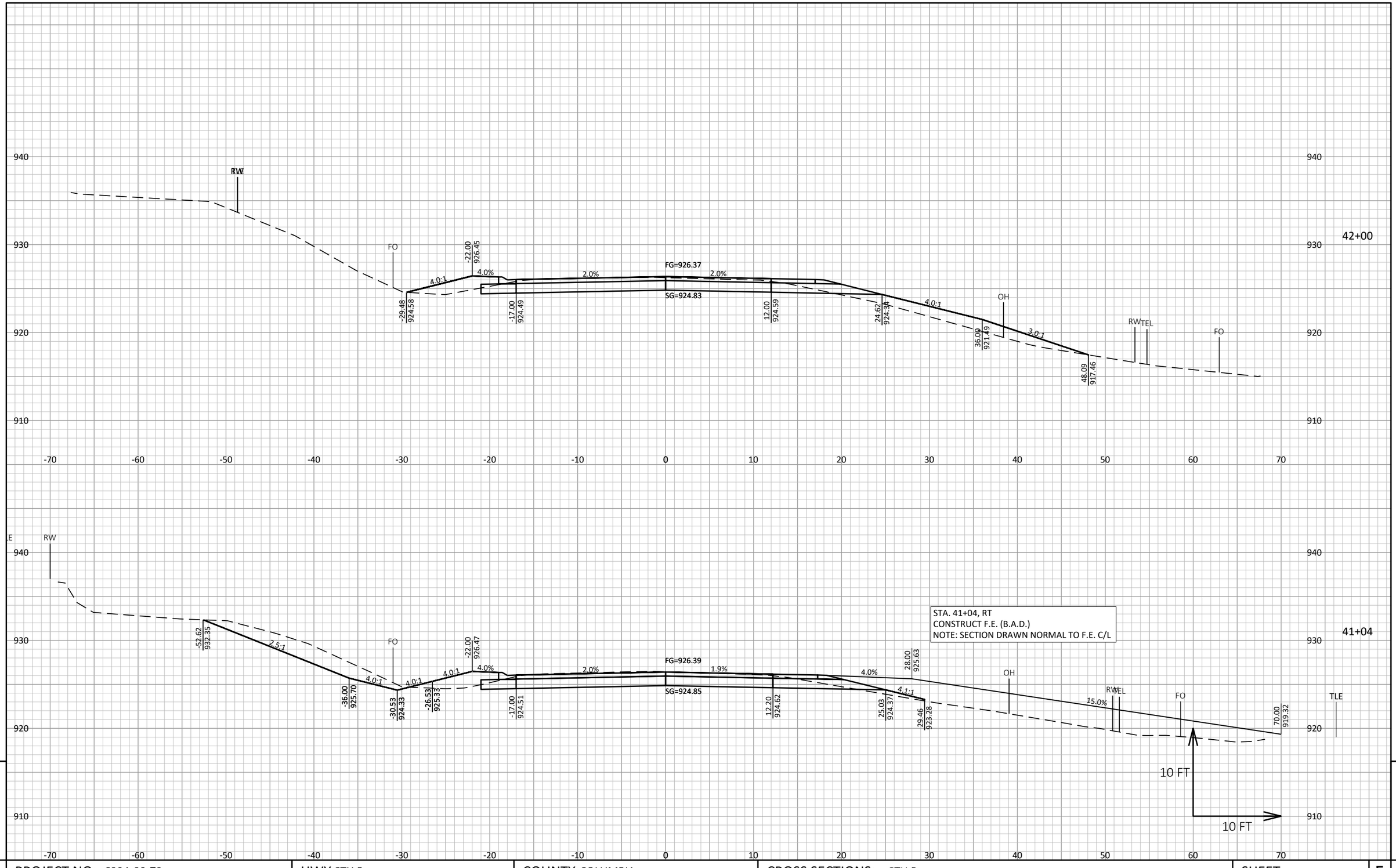
LAYOUT NAME - CTH P 012

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 244	E

FILE NAME :

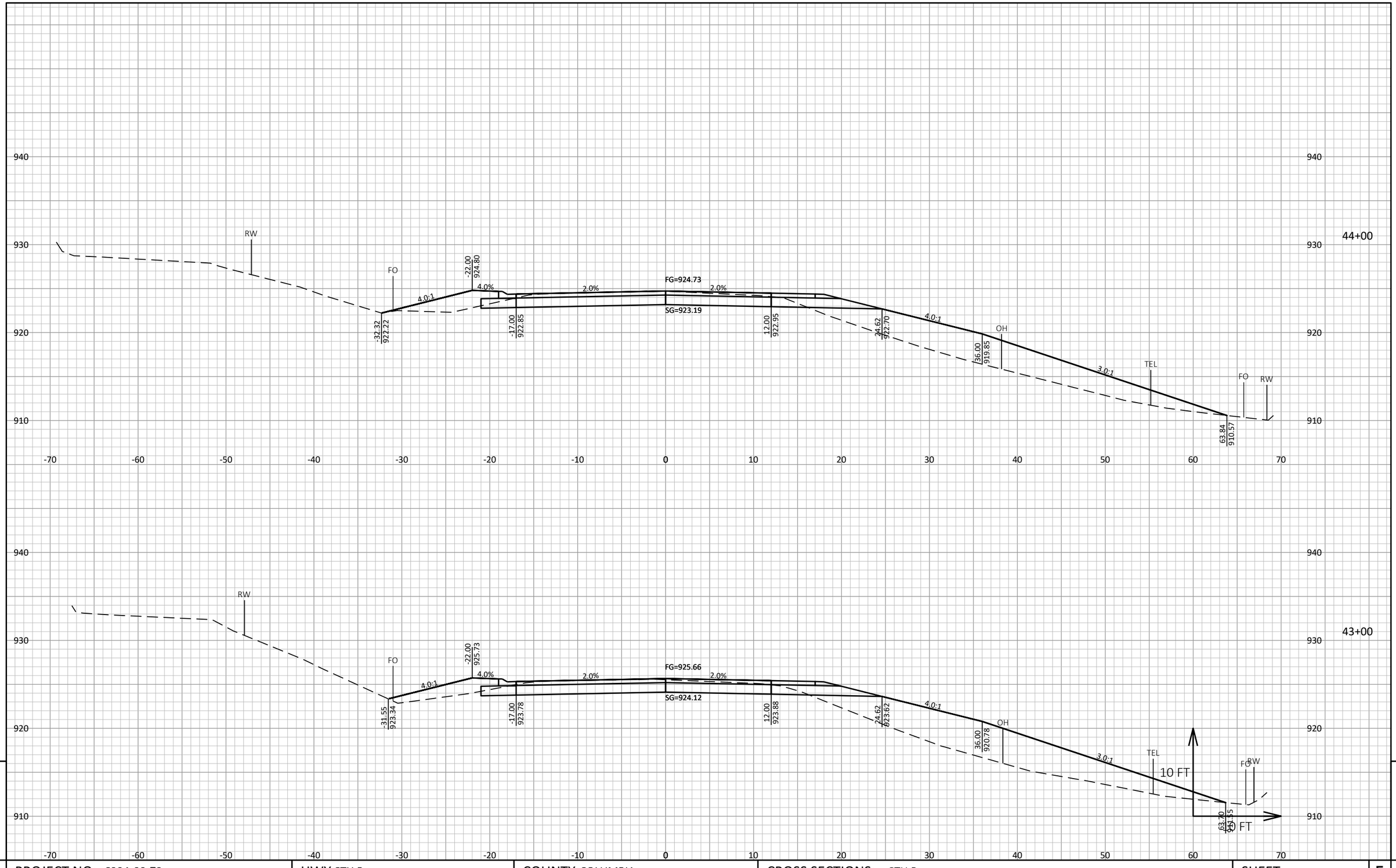
LAYOUT NAME - CTH P 013

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 245	E

FILE NAME :

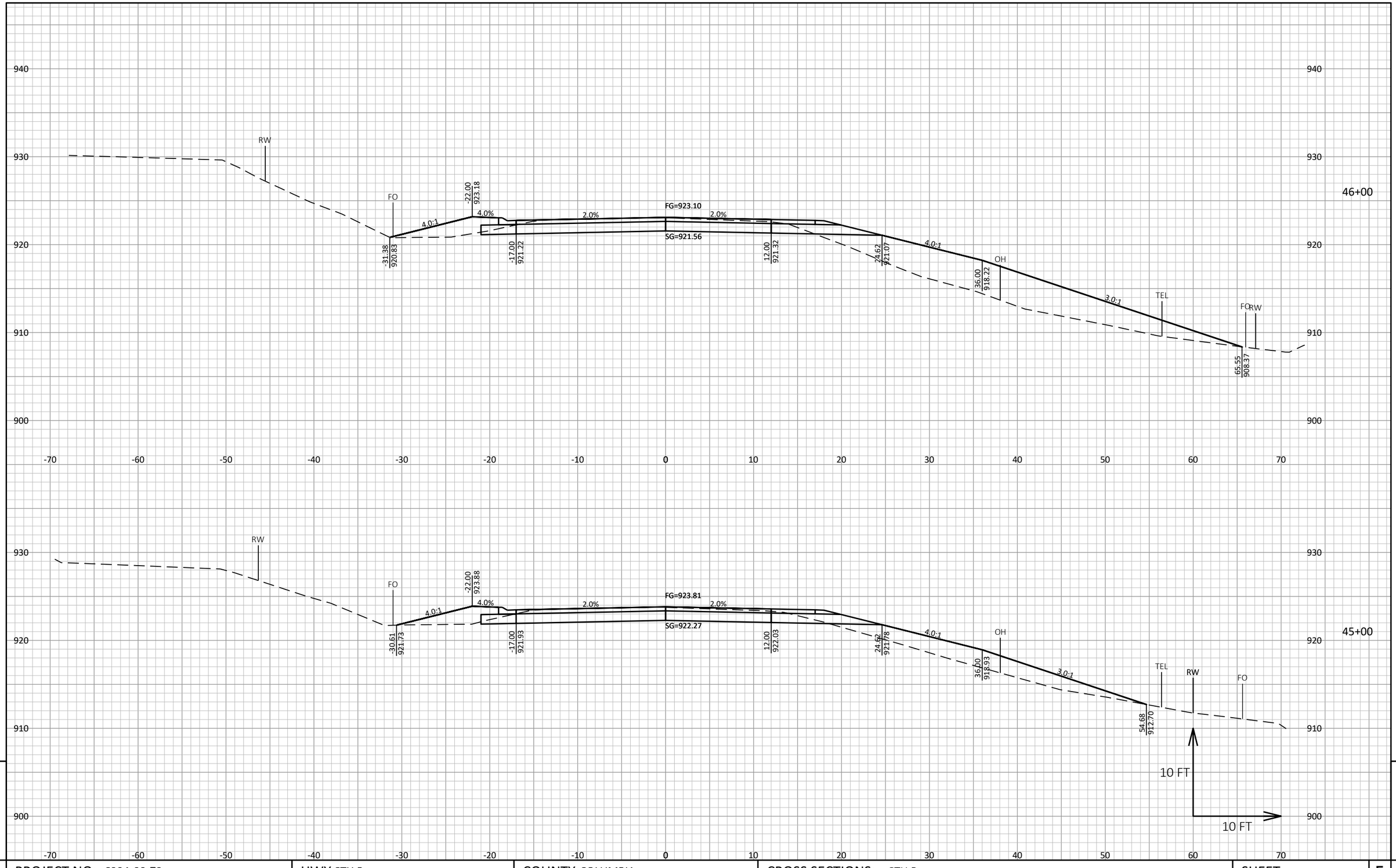
LAYOUT NAME - CTH P 014

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 246	E

FILE NAME :

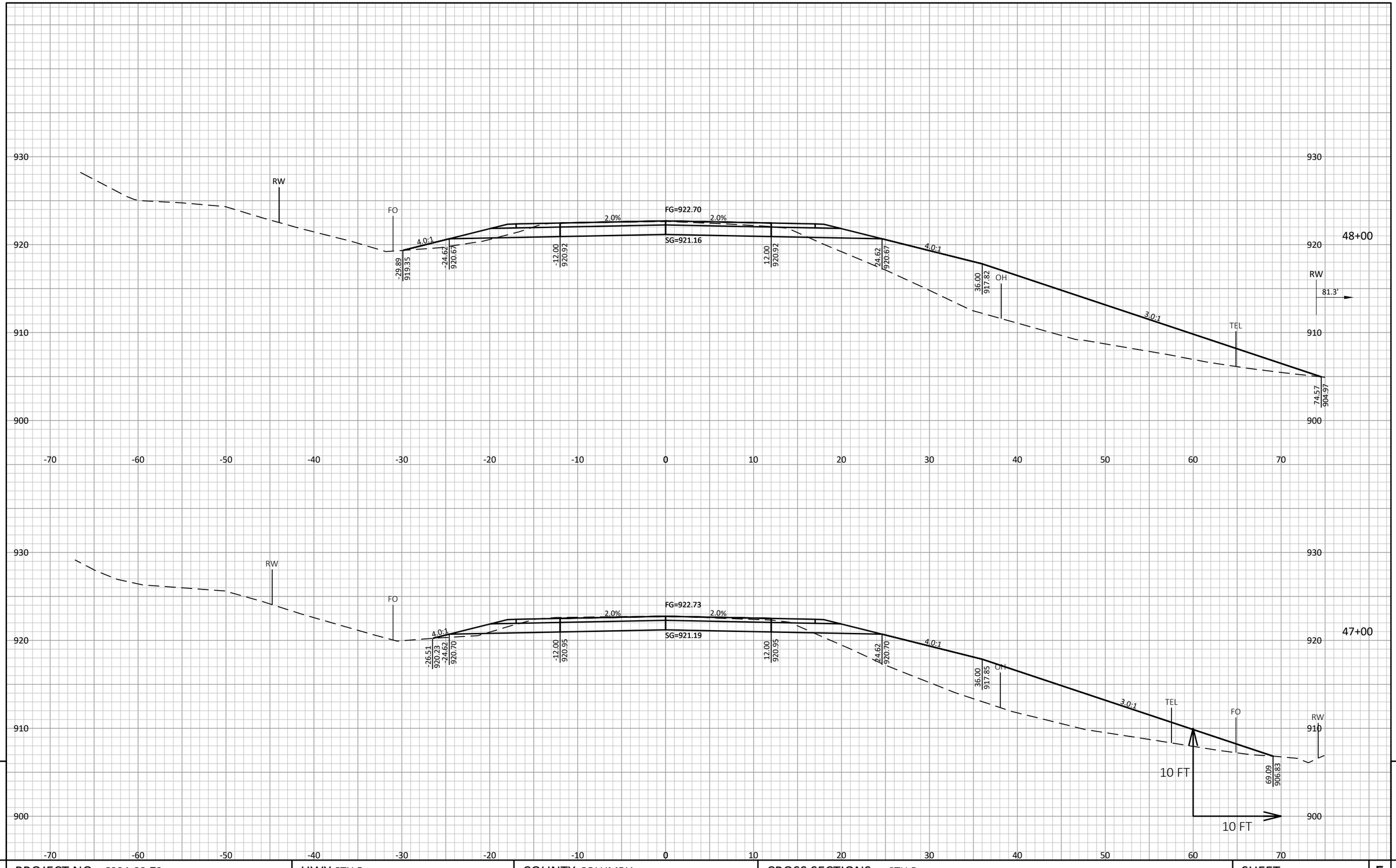
LAYOUT NAME - CTH P 015

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 247	E

FILE NAME :

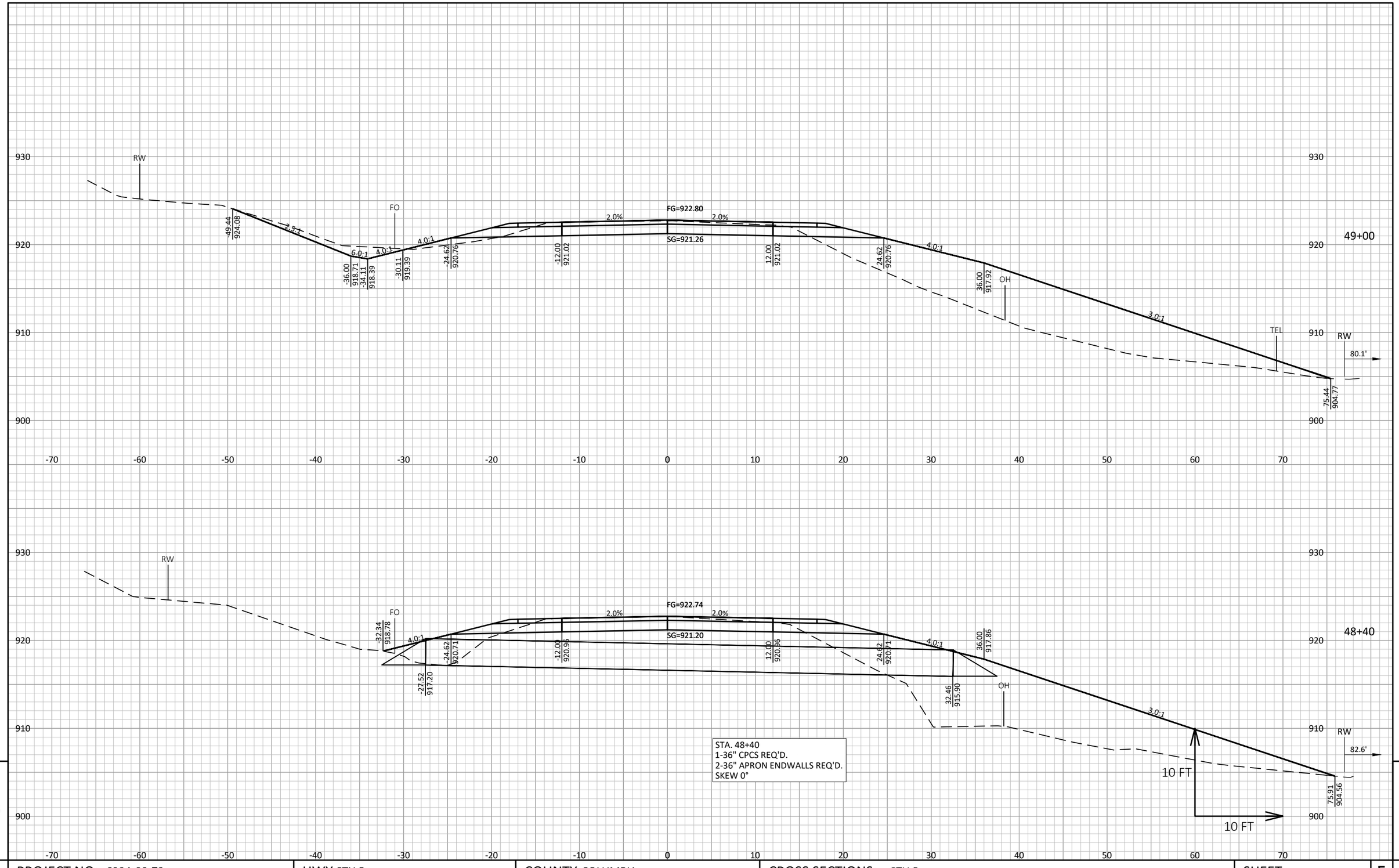
LAYOUT NAME - CTH P 016

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 248	E

FILE NAME :

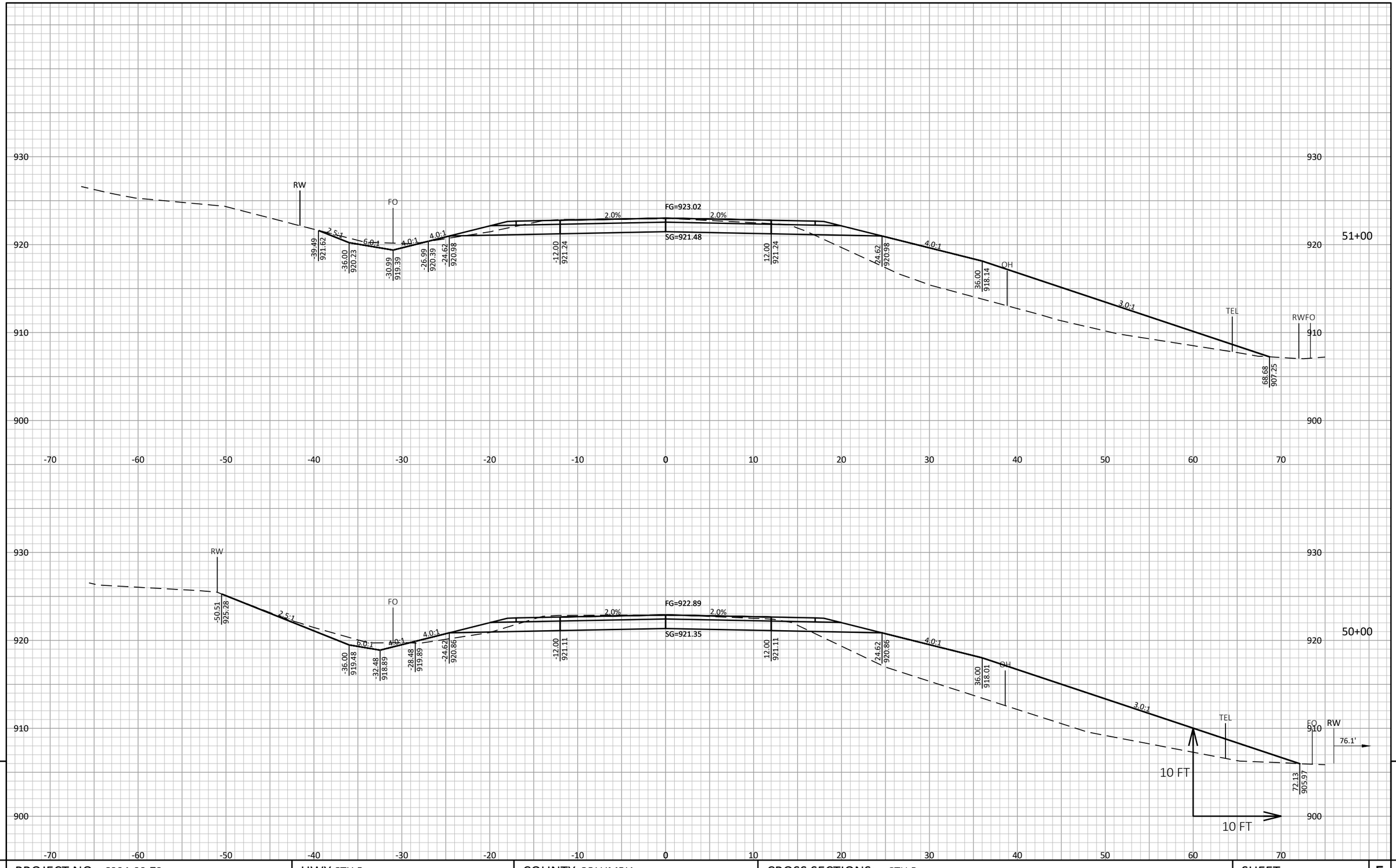
LAYOUT NAME - CTH P 017

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 249	E

FILE NAME :

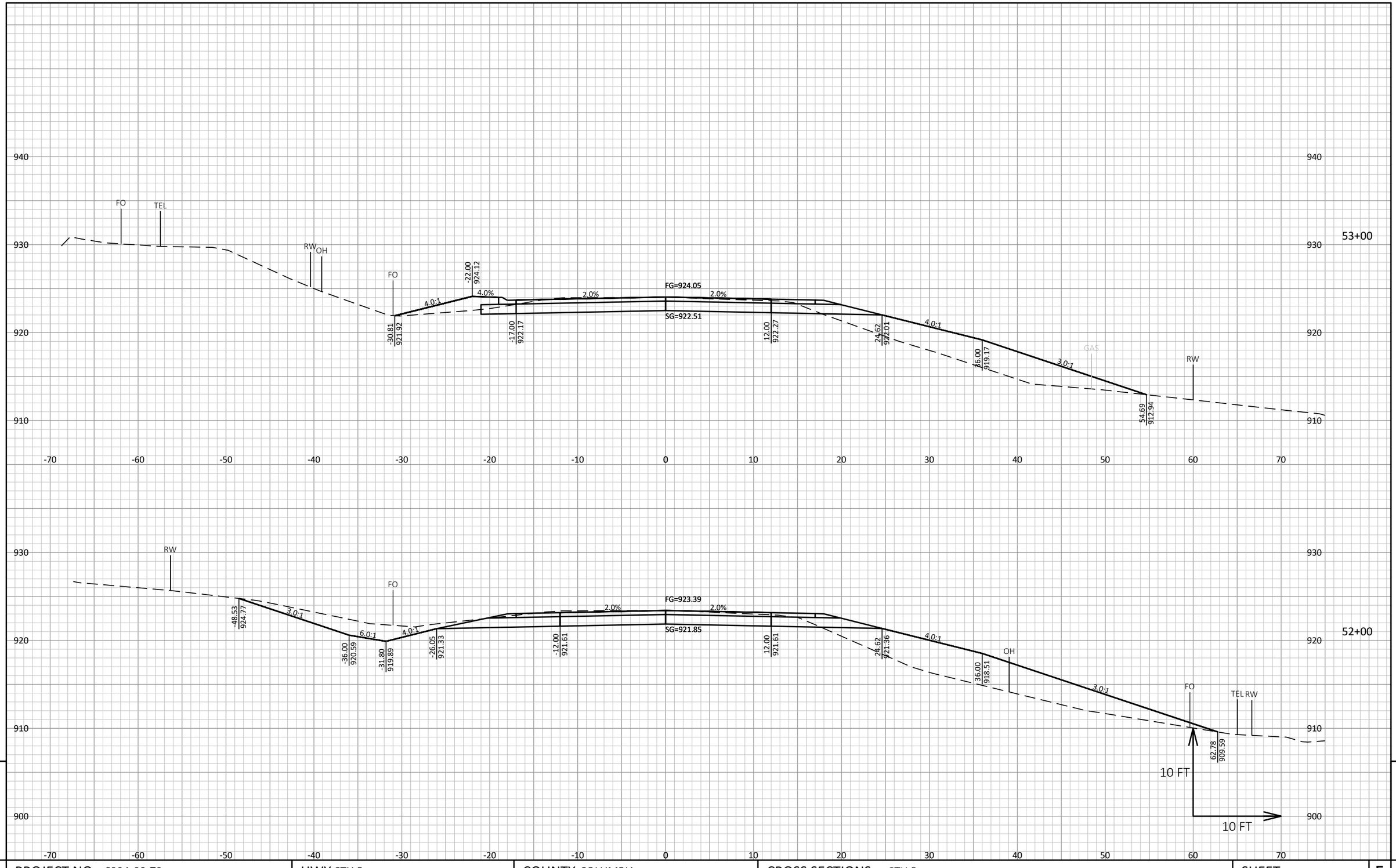
LAYOUT NAME - CTH P 018

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 250	E

FILE NAME :

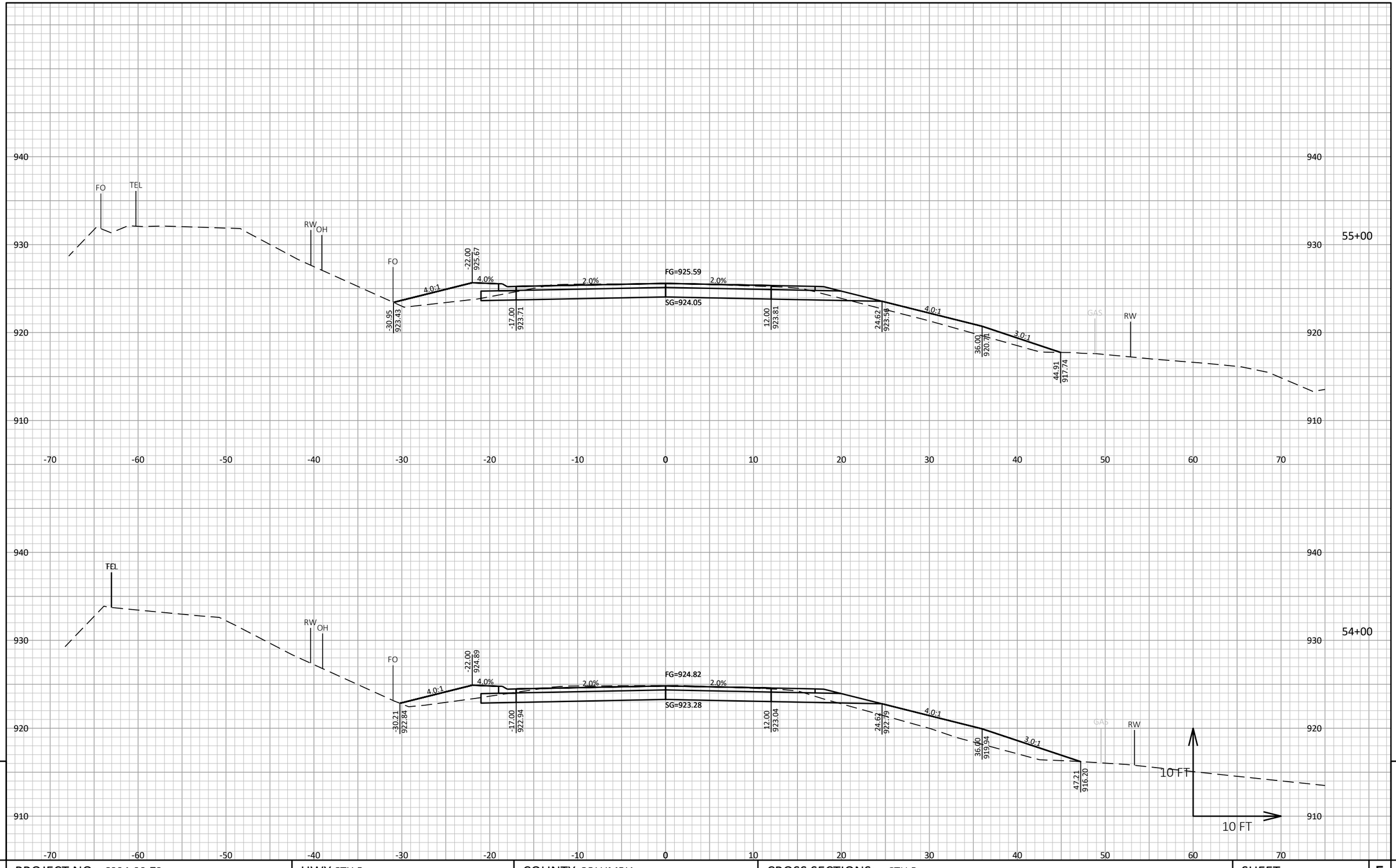
LAYOUT NAME - CTH P 019

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 251	E

FILE NAME :

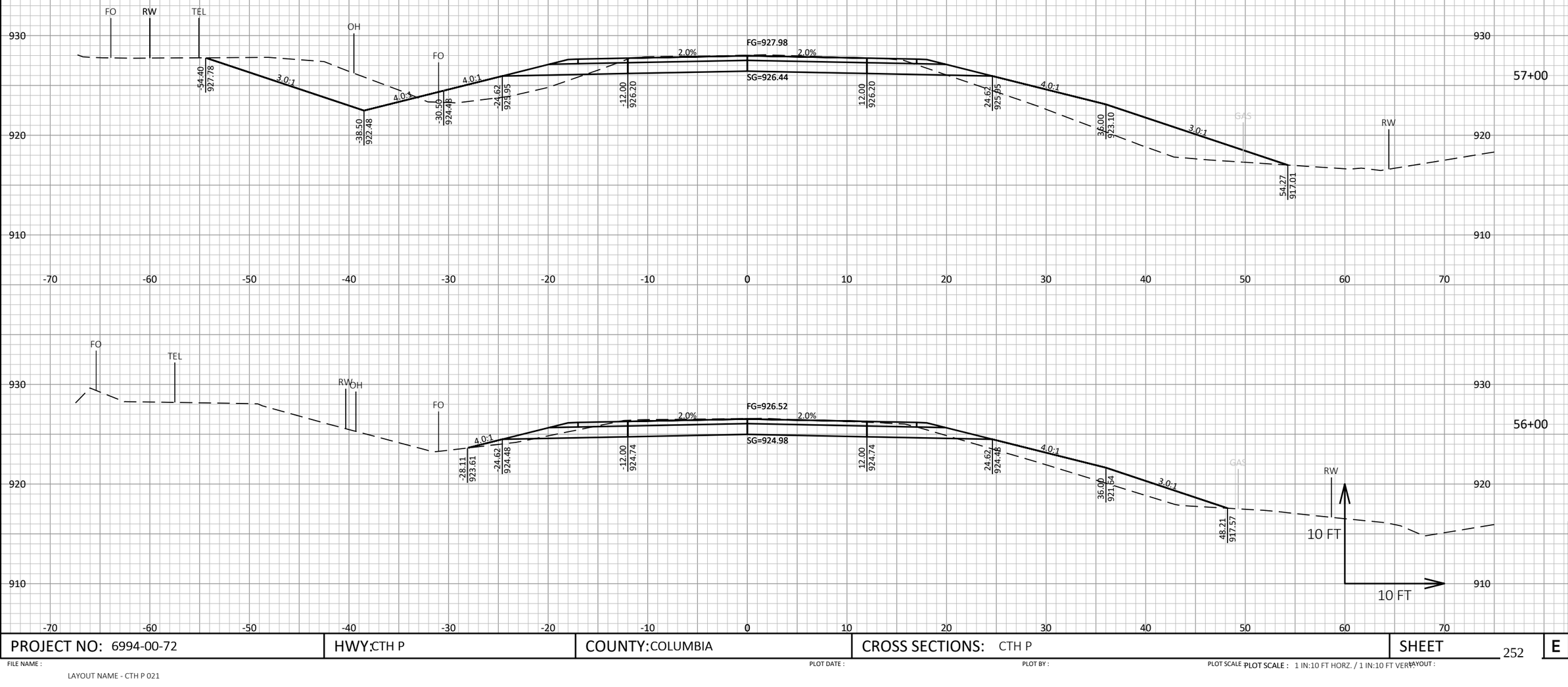
LAYOUT NAME - CTH P 020

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 252	E

FILE NAME :

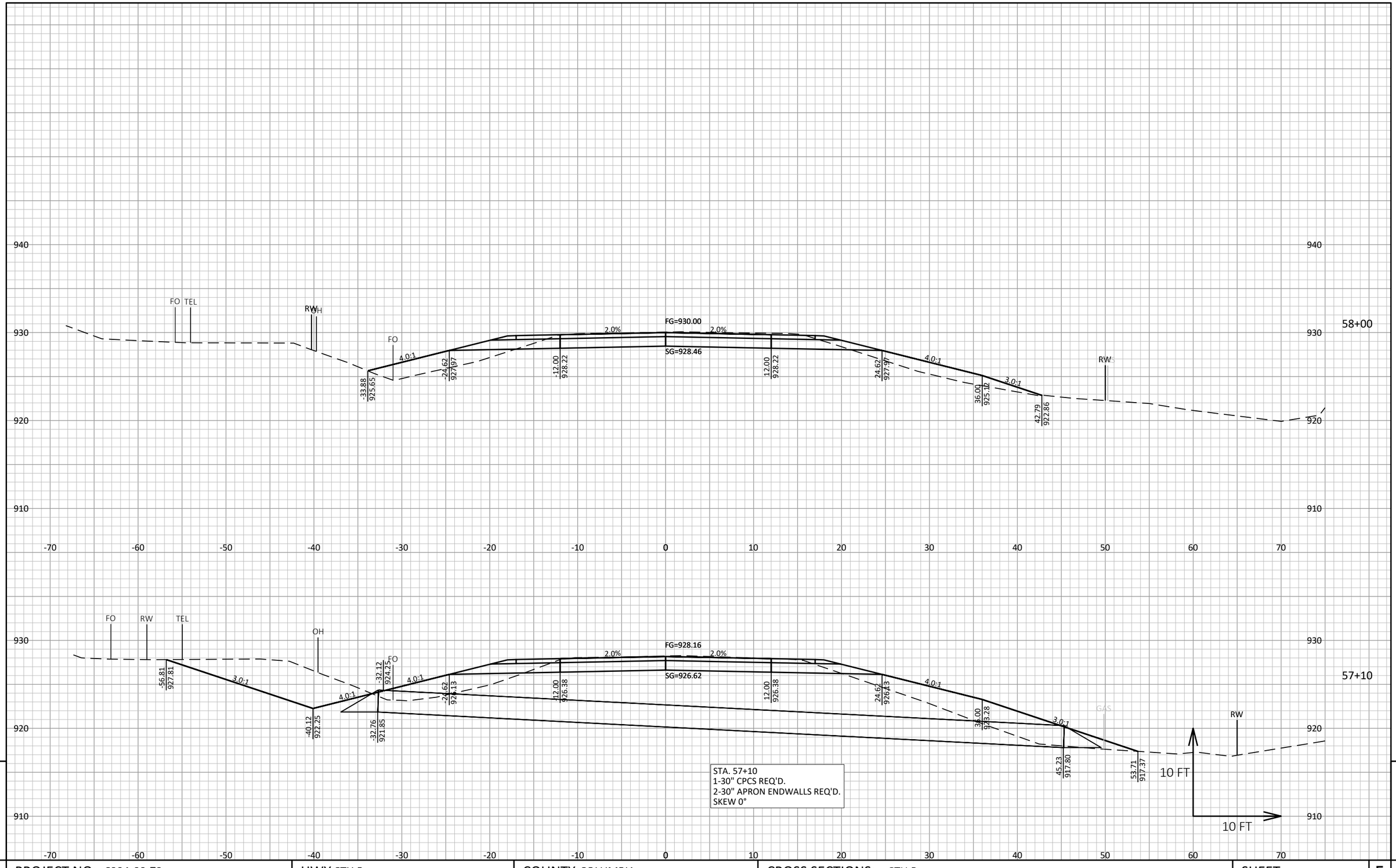
LAYOUT NAME - CTH P 021

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 253	E

FILE NAME :

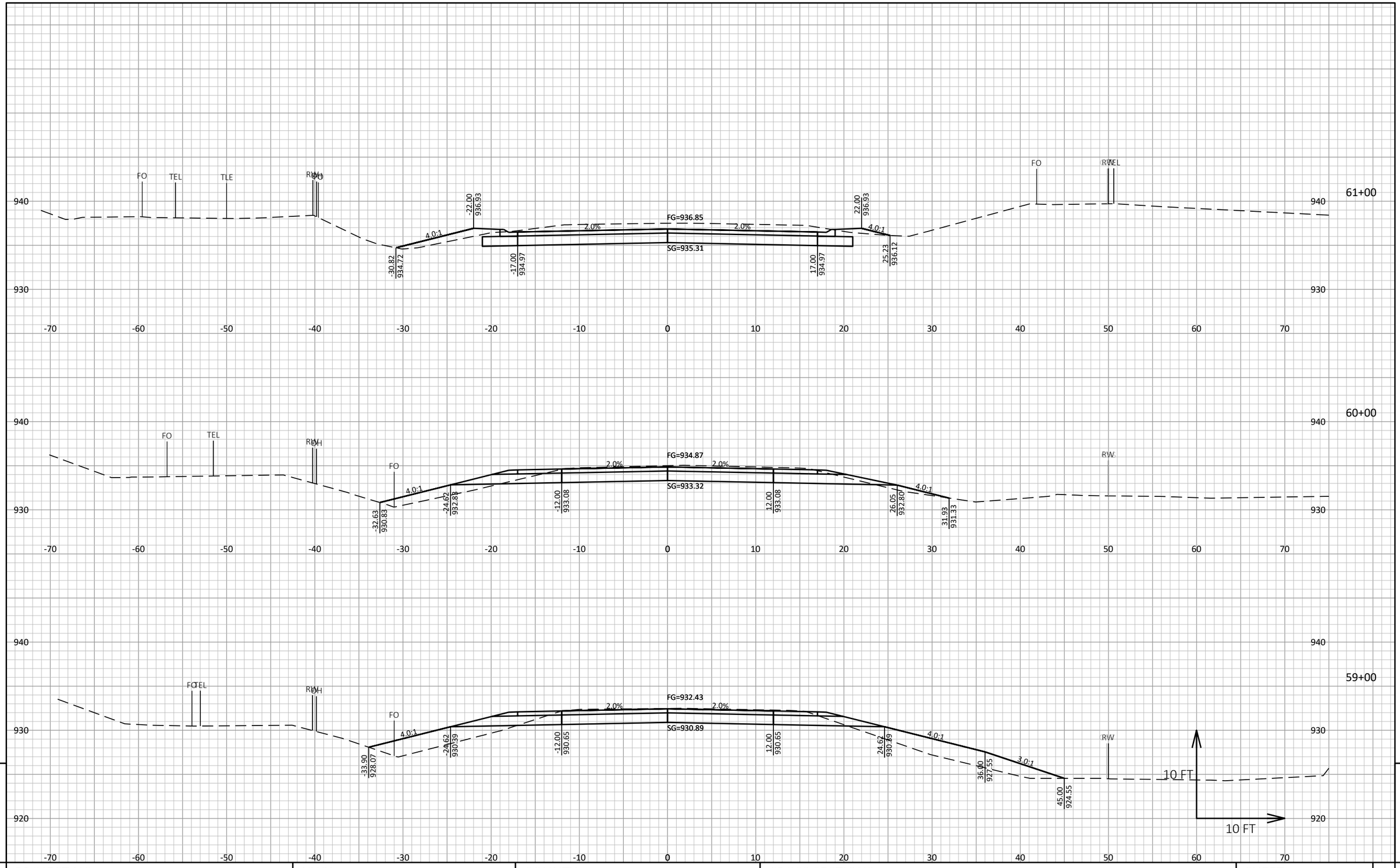
LAYOUT NAME - CTH P 022

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 254	E

FILE NAME :

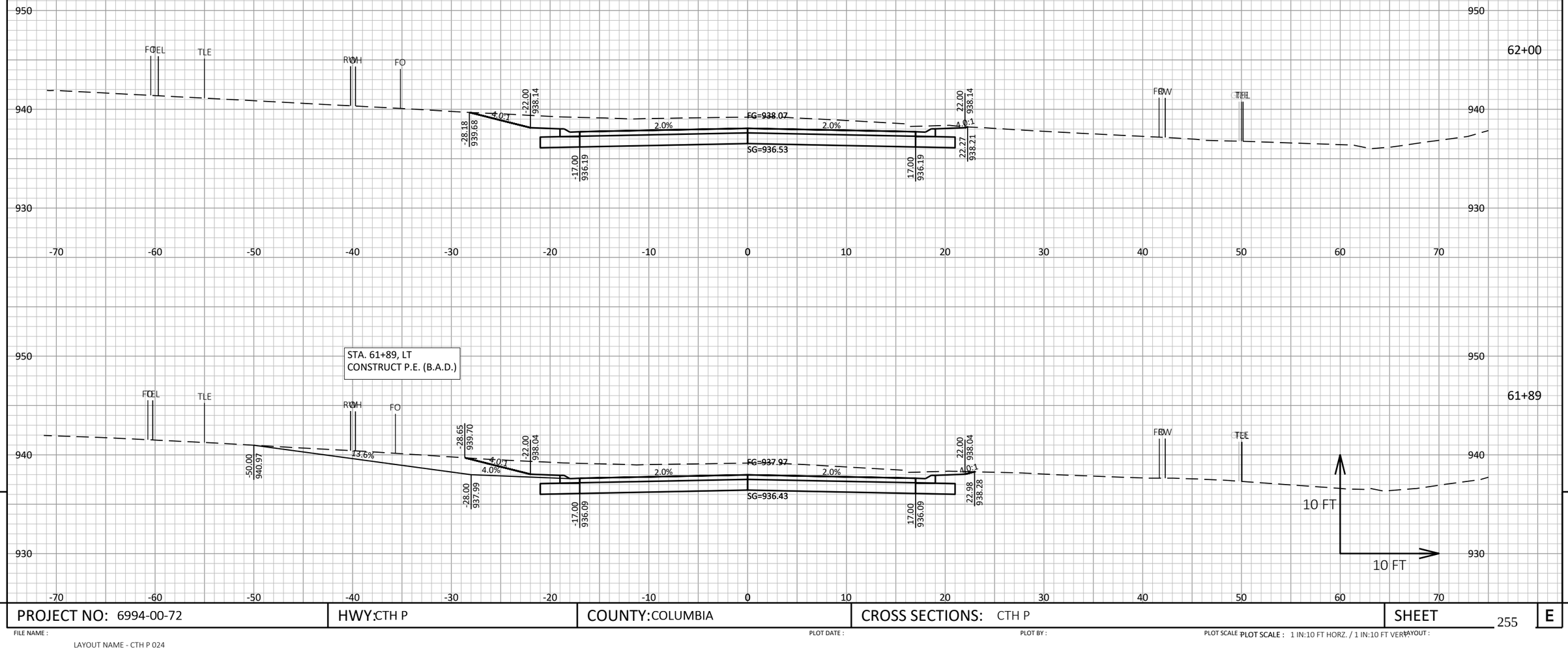
LAYOUT NAME - CTH P 023

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 255	E

FILE NAME :

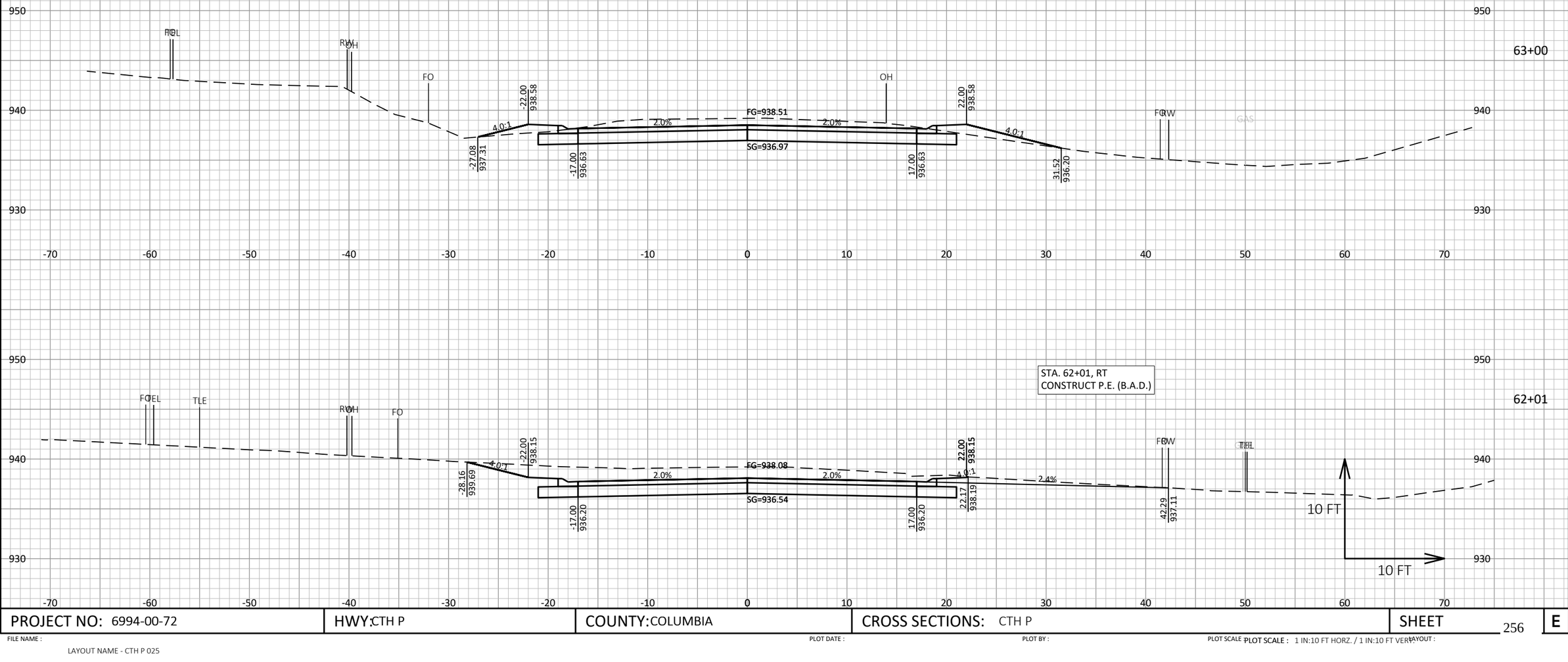
LAYOUT NAME - CTH P 024

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

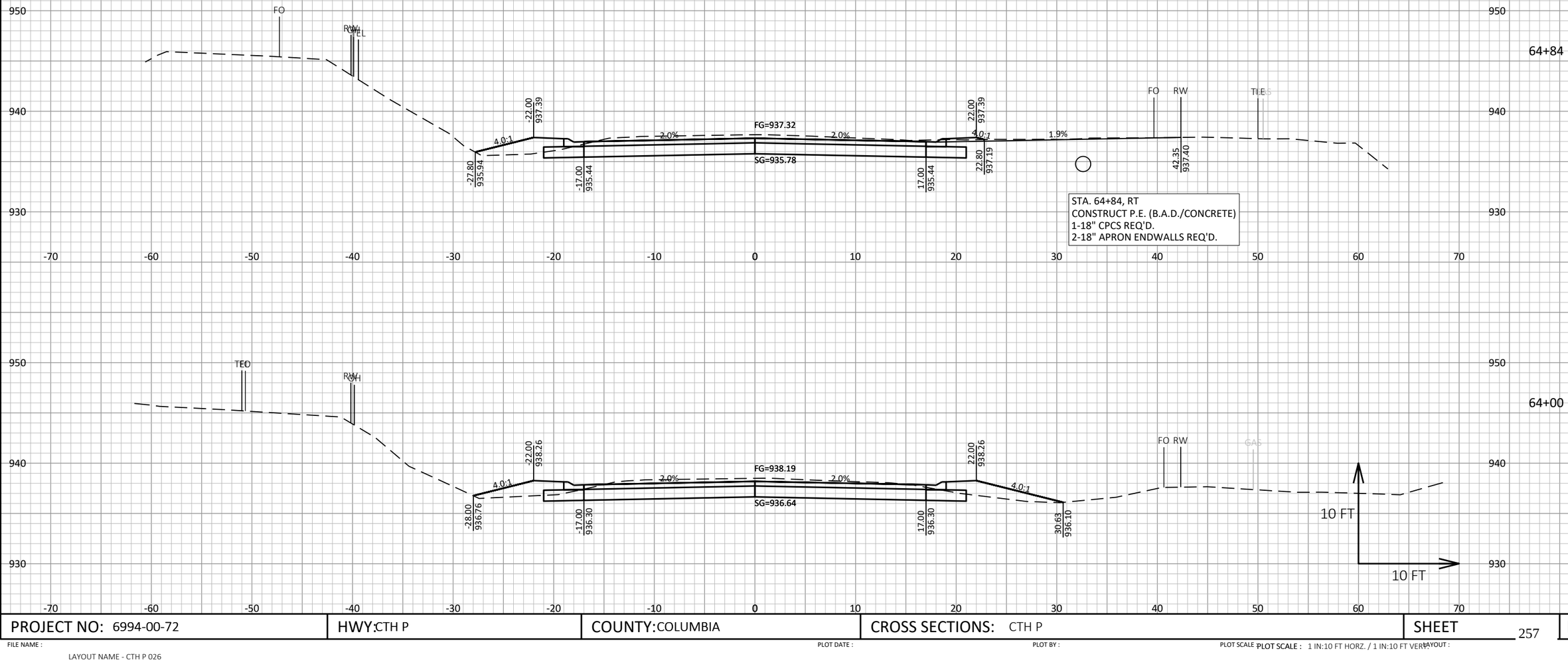
LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 256	E

FILE NAME :
LAYOUT NAME - CTH P 025

PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 257	E

FILE NAME :

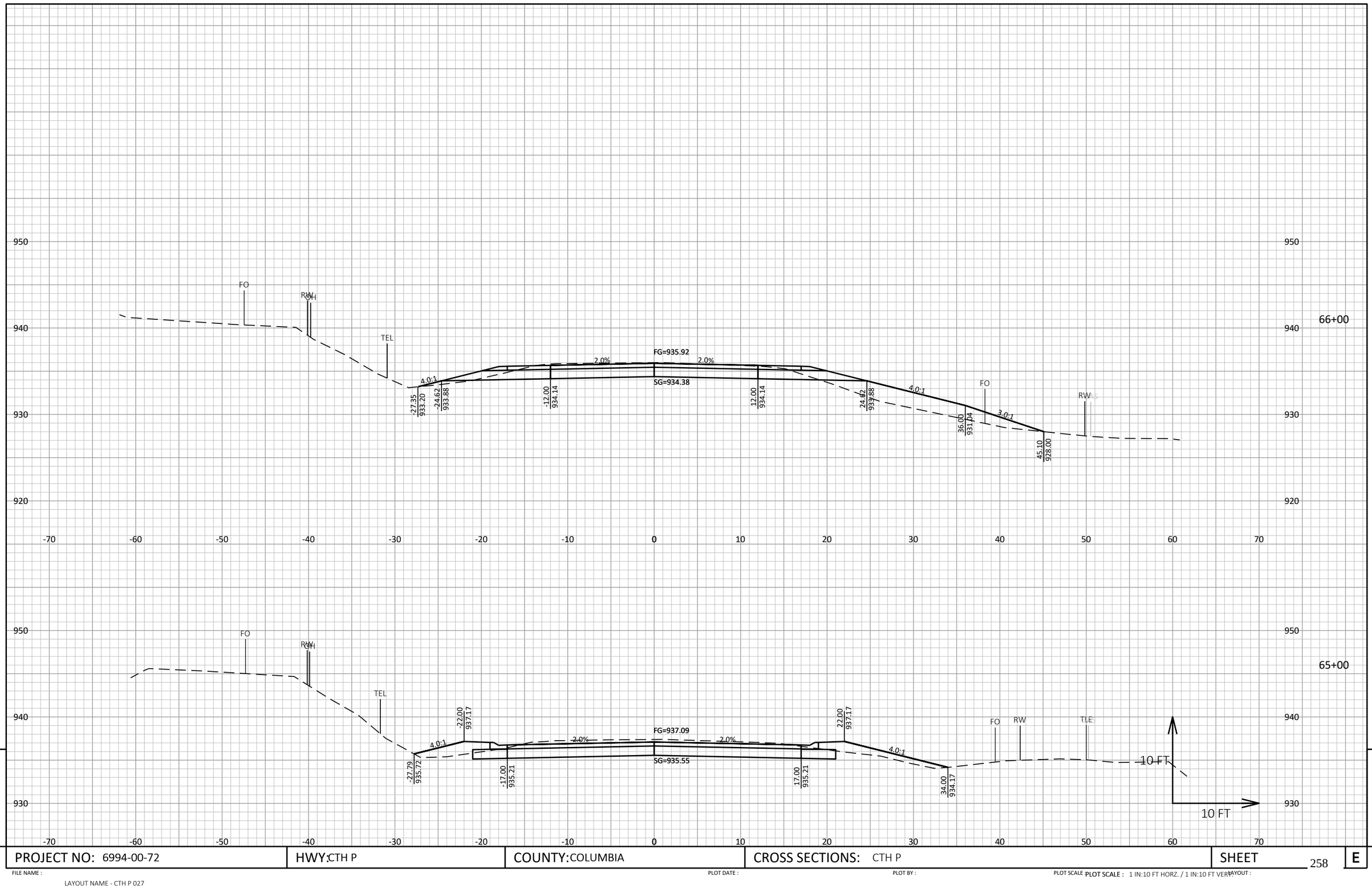
LAYOUT NAME - CTH P 026

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 258	E

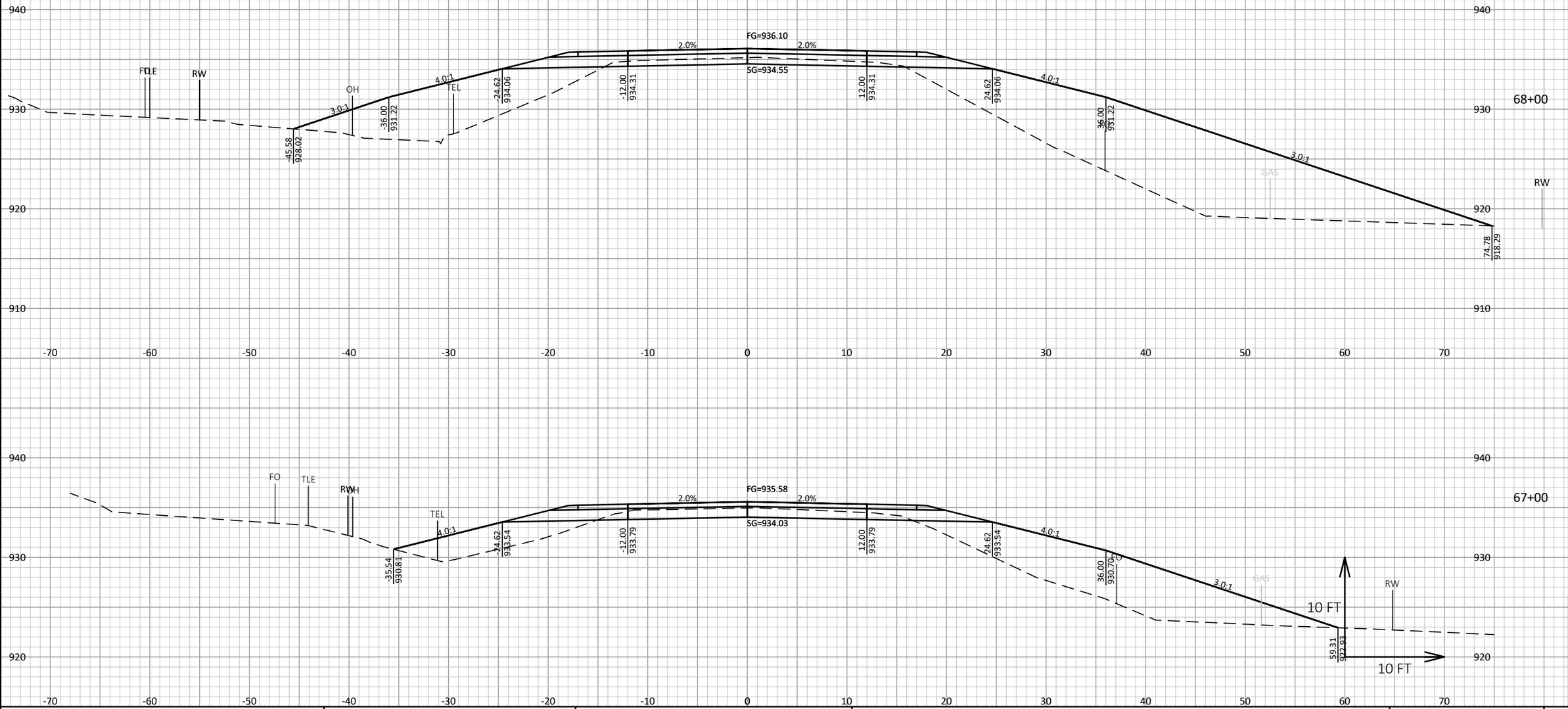
FILE NAME :
LAYOUT NAME - CTH P 027

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 259	E

FILE NAME :

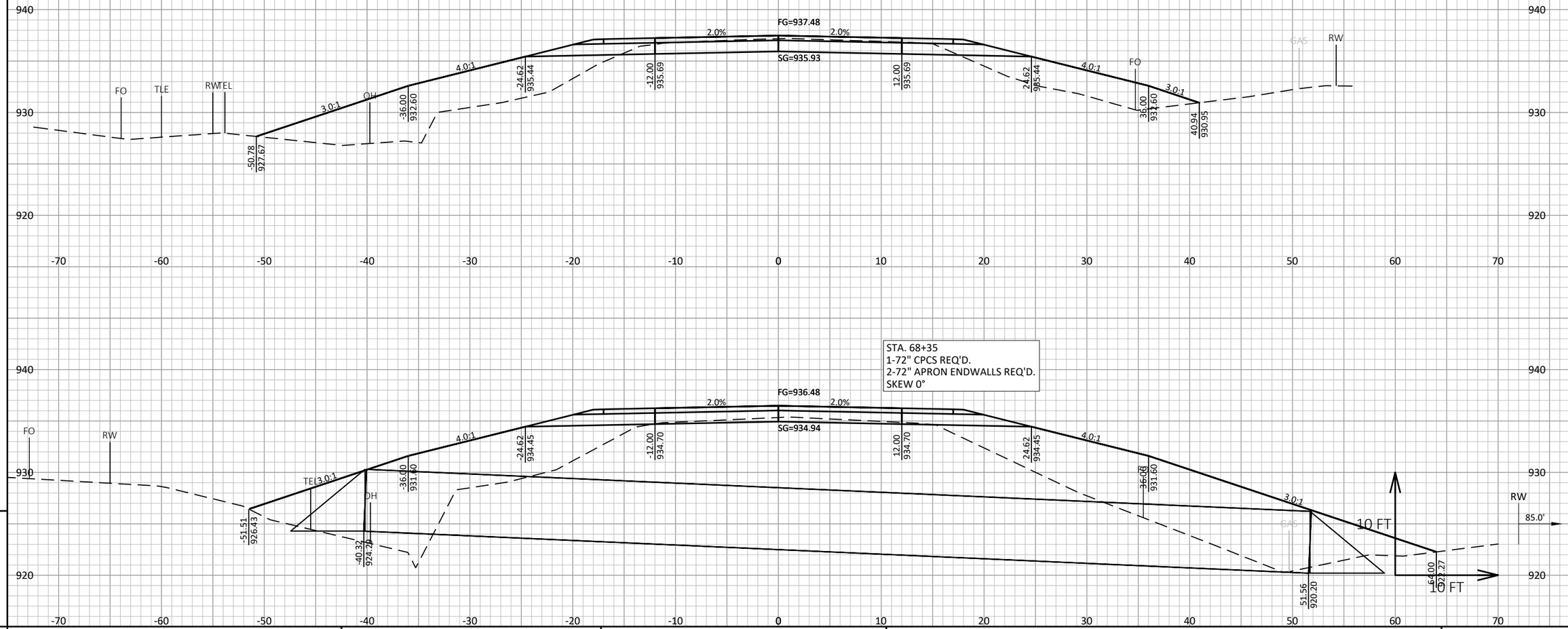
LAYOUT NAME - CTH P 028

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 260	E

FILE NAME :

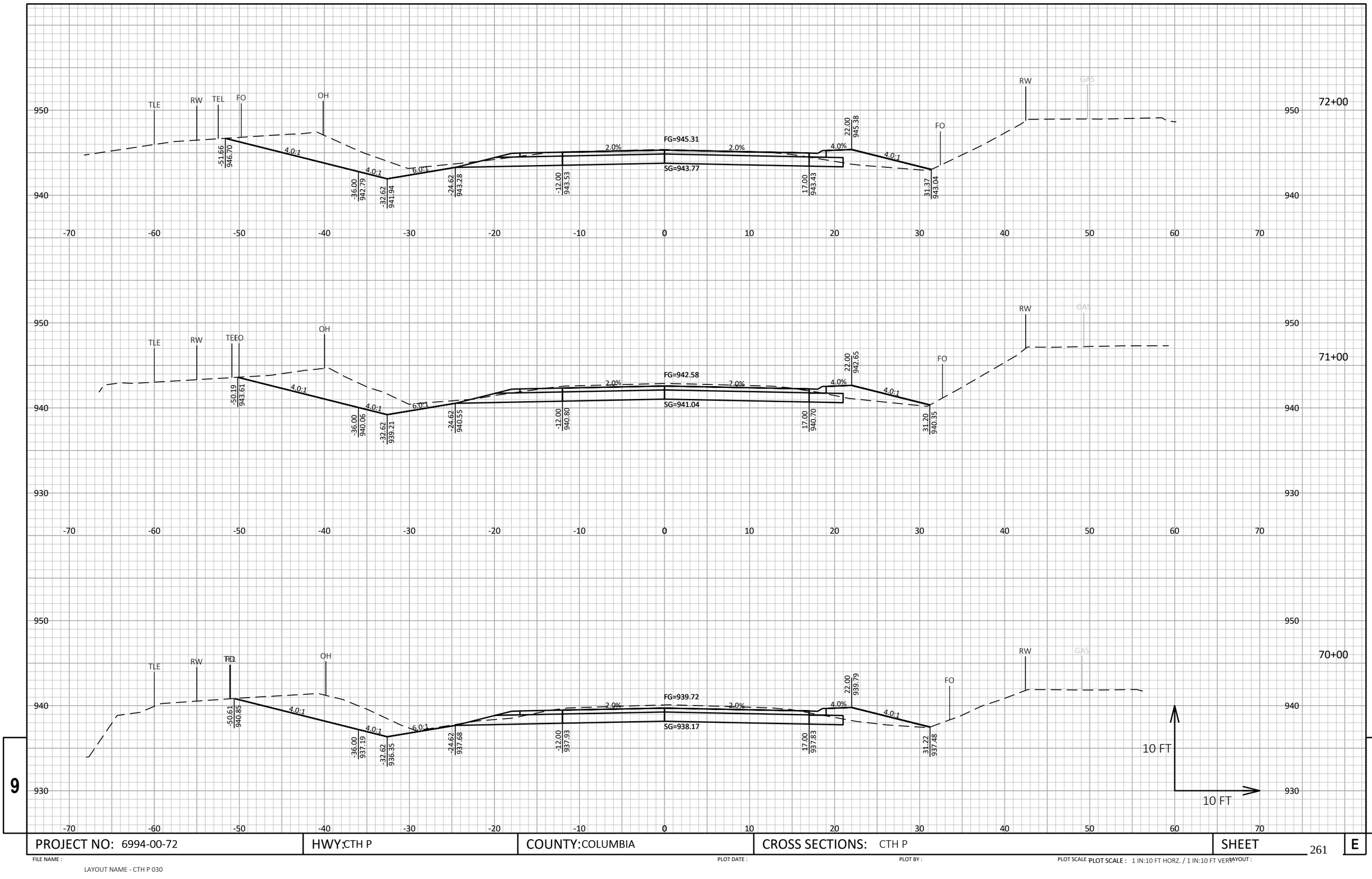
LAYOUT NAME - CTH P 029

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 261	E

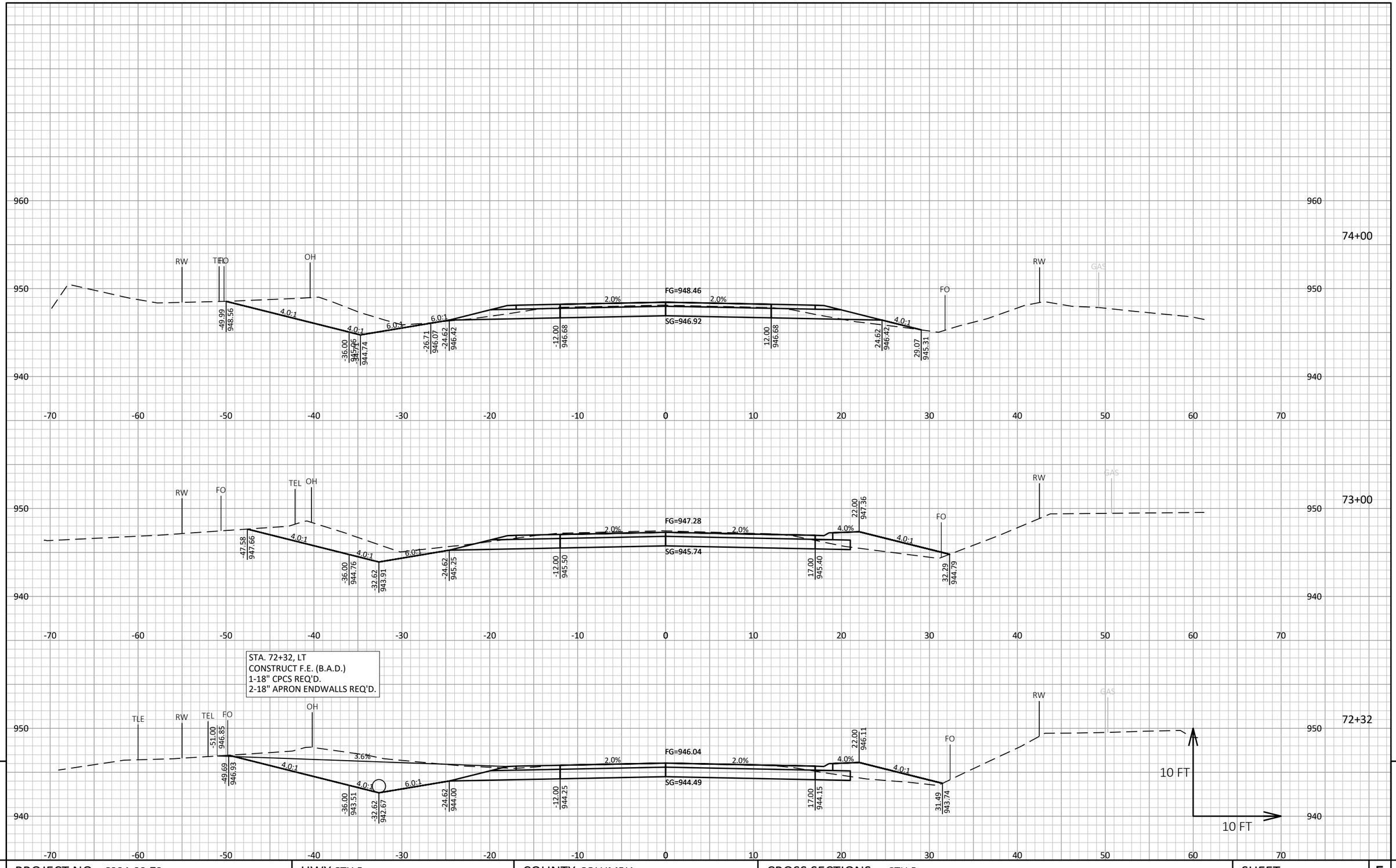
FILE NAME : LAYOUT NAME - CTH P 030

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 262	E

FILE NAME :

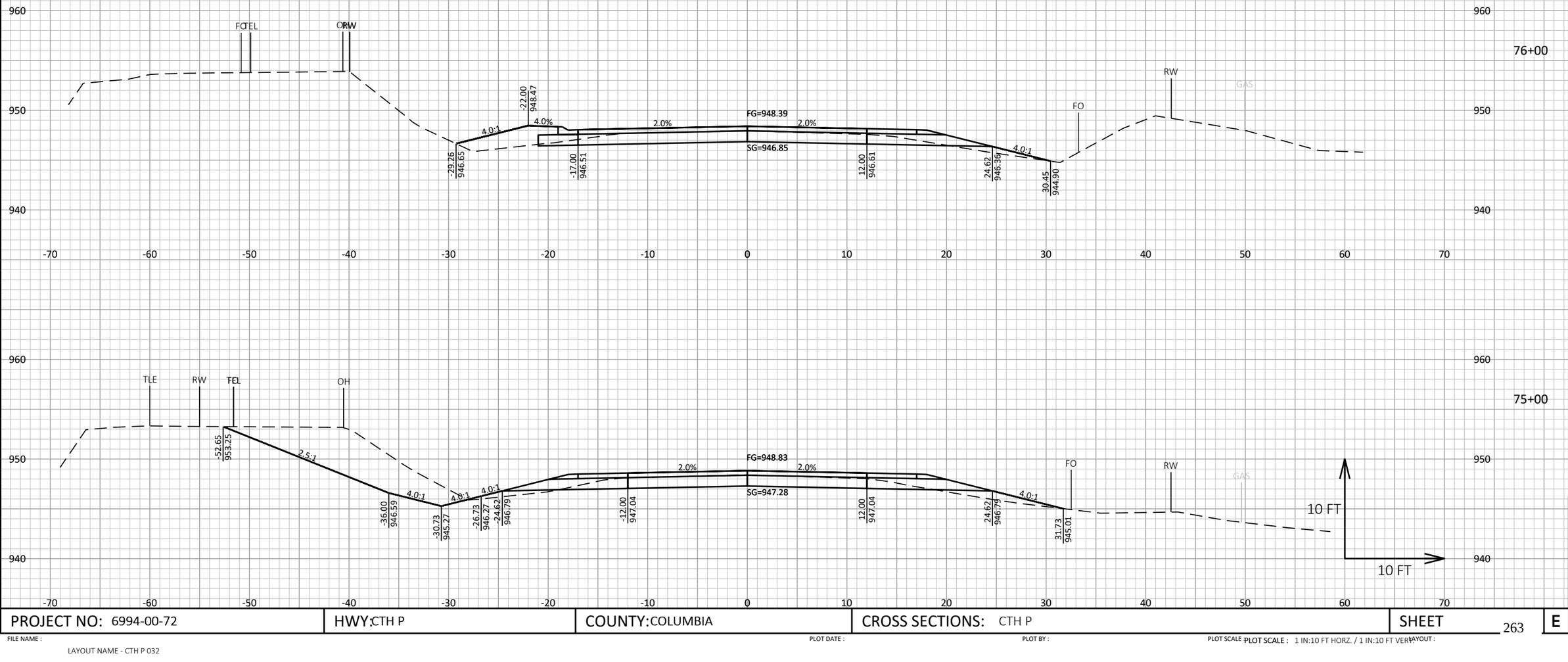
LAYOUT NAME - CTH P 031

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 263	E

FILE NAME :

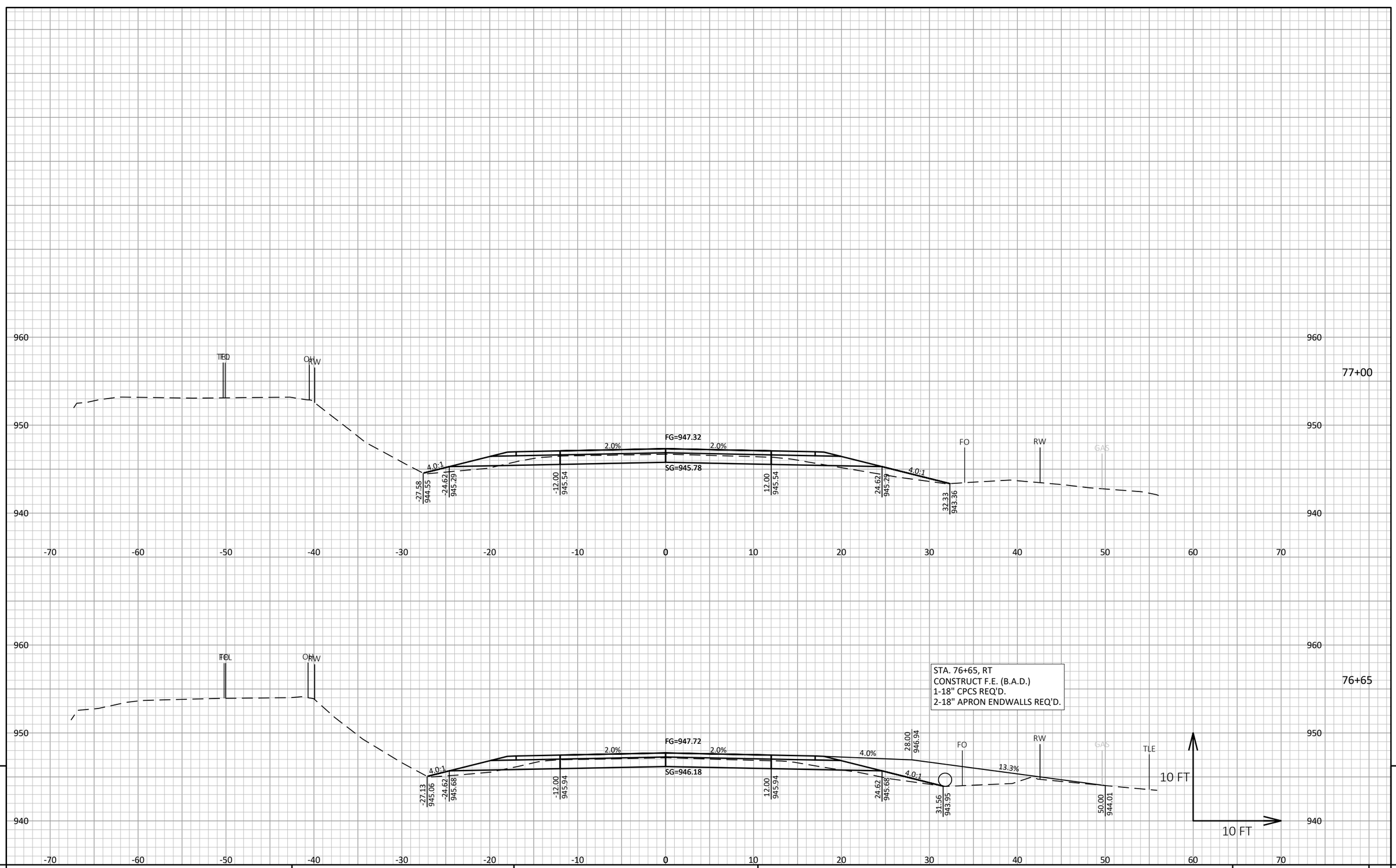
LAYOUT NAME - CTH P 032

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 264	E

FILE NAME :

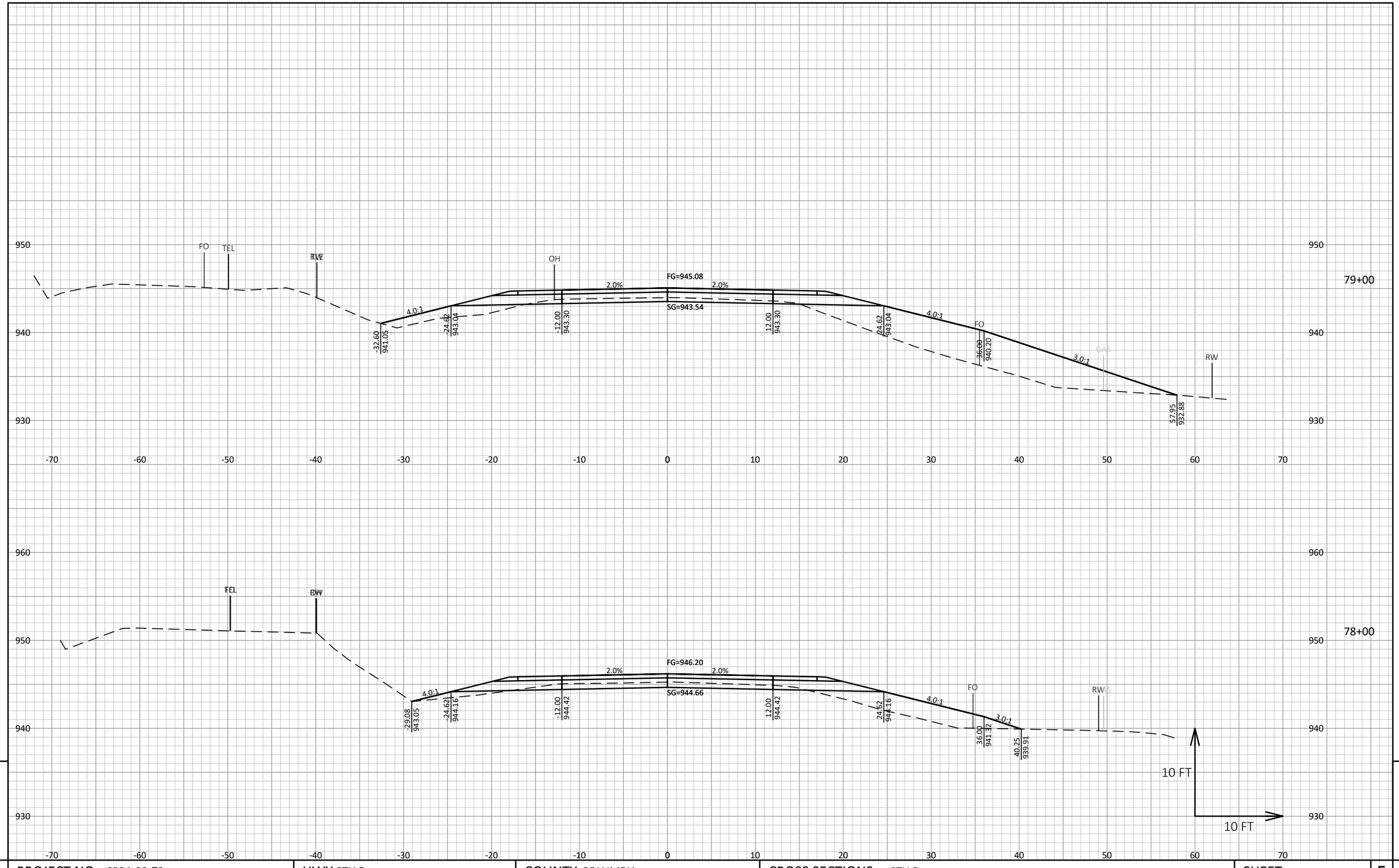
LAYOUT NAME - CTH P 033

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 265	E

FILE NAME :

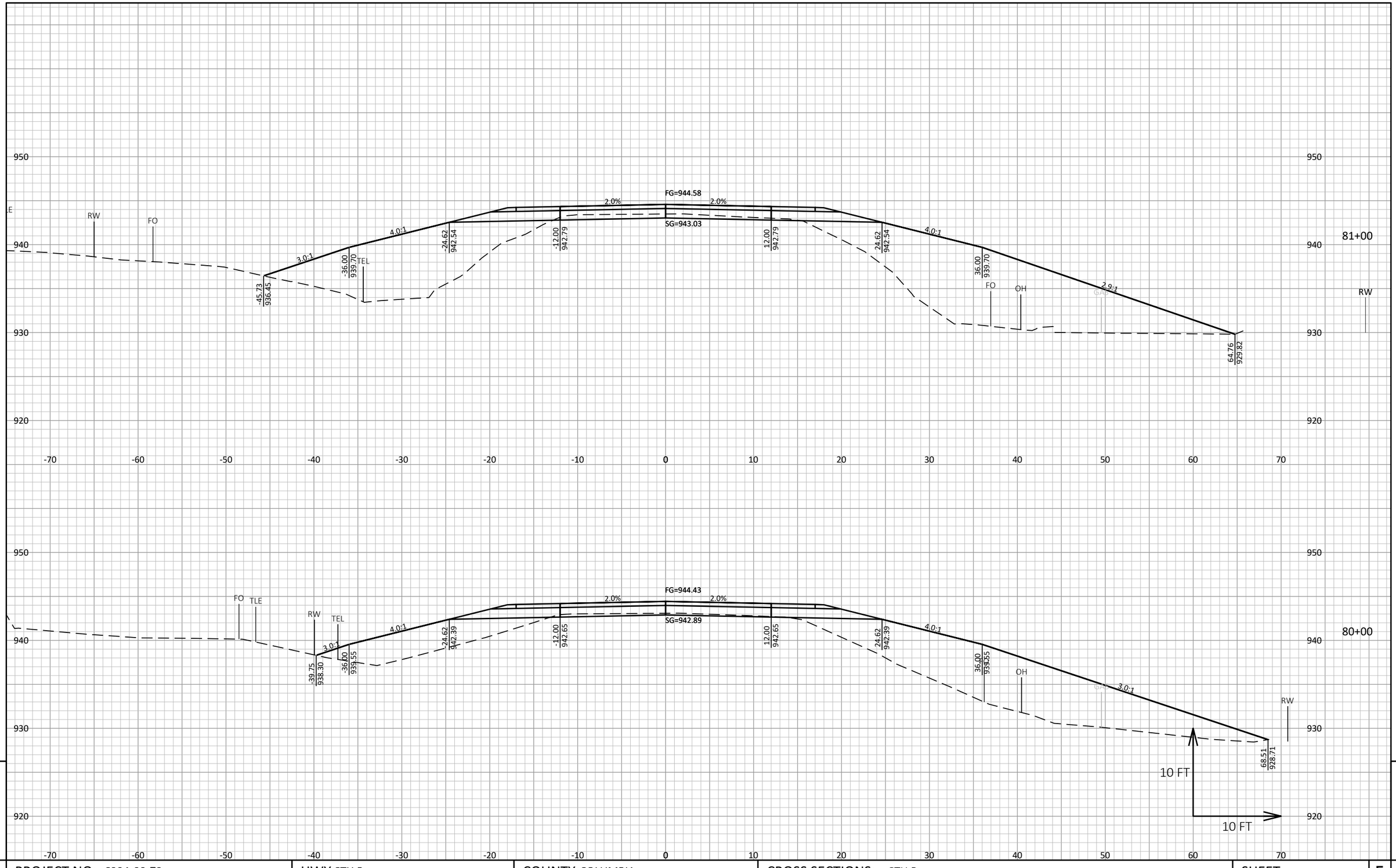
LAYOUT NAME - CTH P 034

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 266	E

FILE NAME :

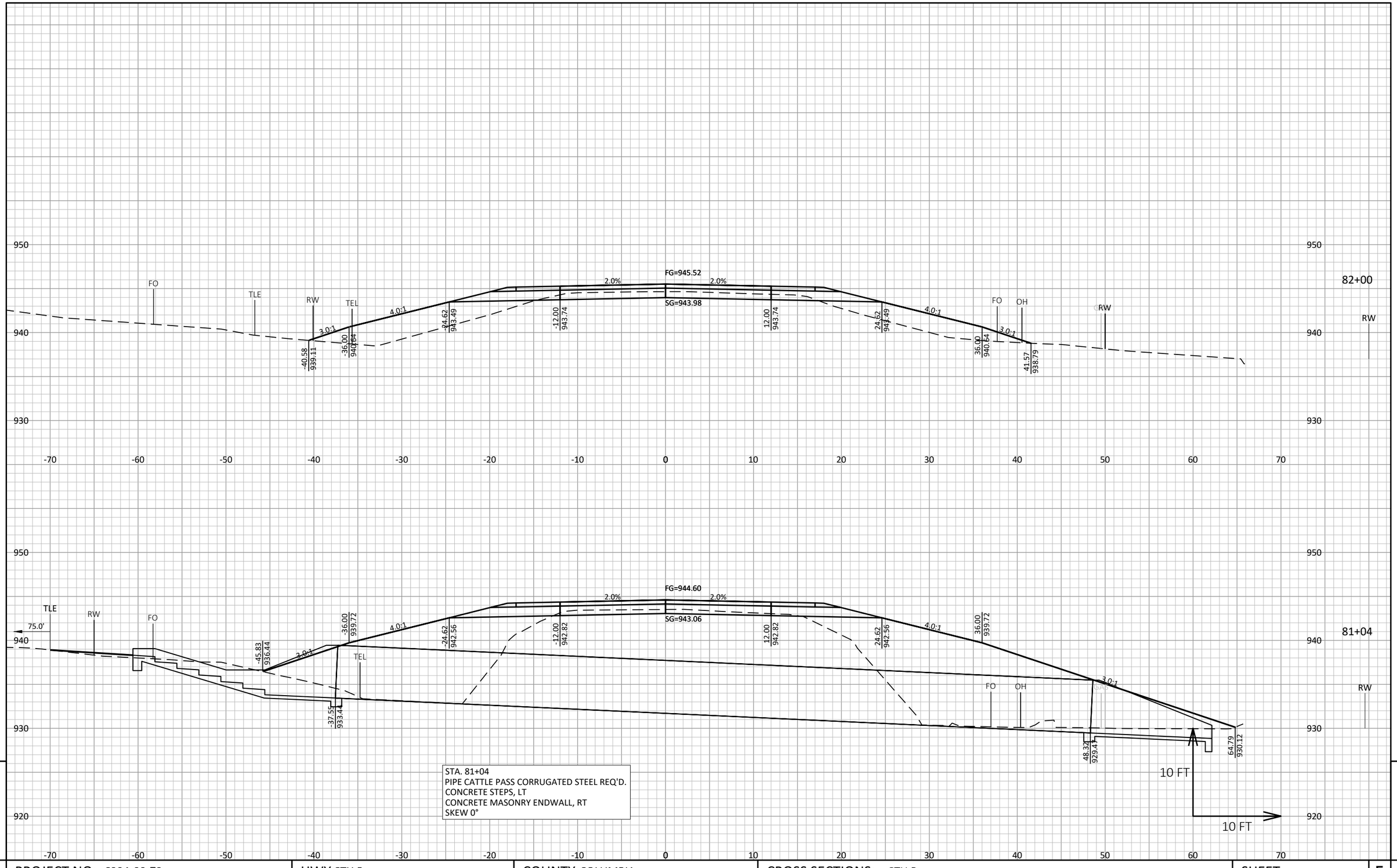
LAYOUT NAME - CTH P 035

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 267	E

FILE NAME :

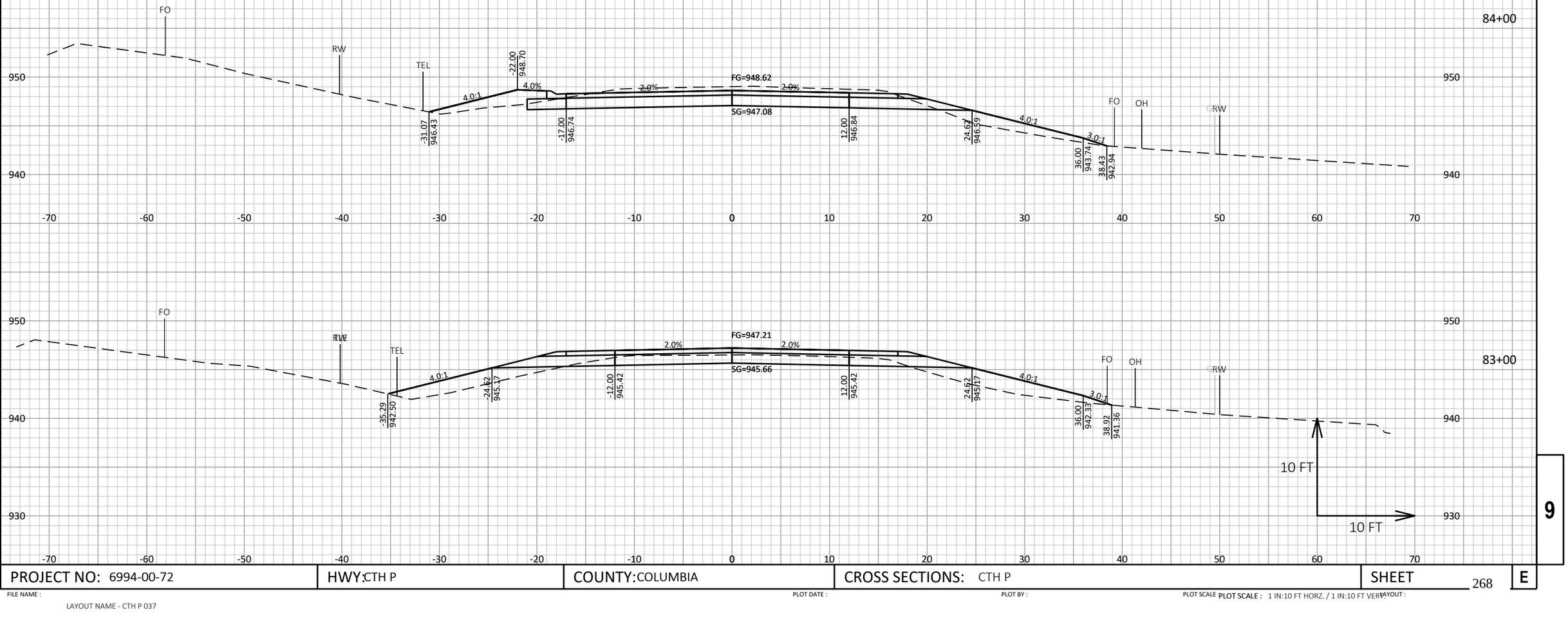
LAYOUT NAME - CTH P 036

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 268	E

FILE NAME :

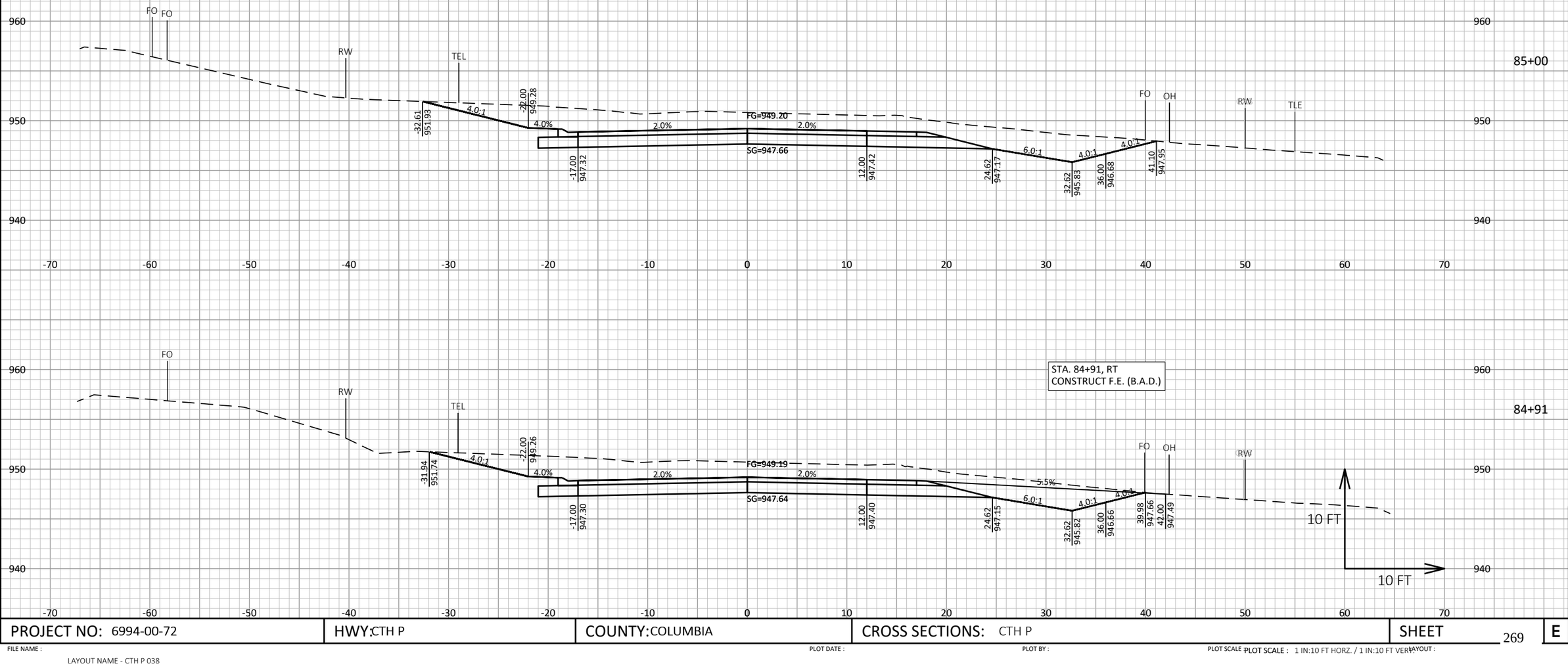
LAYOUT NAME - CTH P 037

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 269	E

FILE NAME :

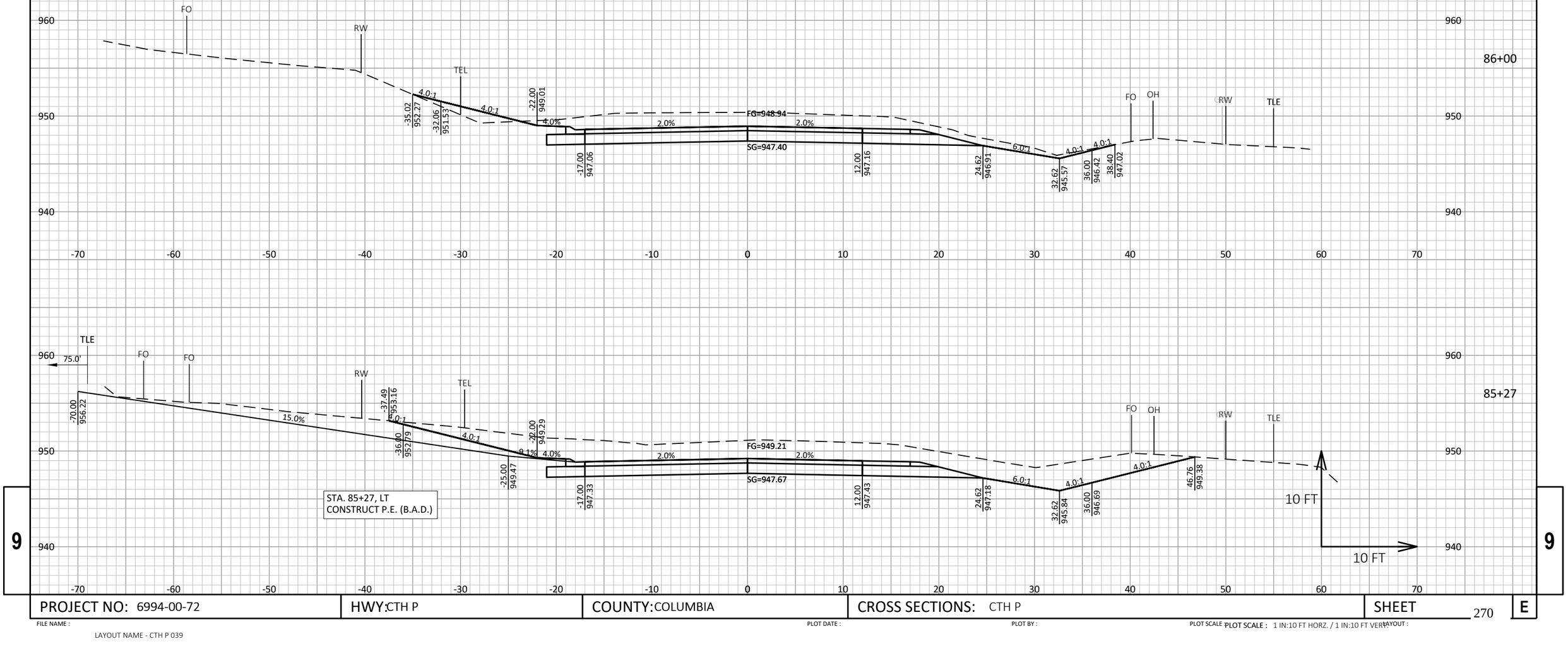
LAYOUT NAME - CTH P 038

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 270	E

FILE NAME :

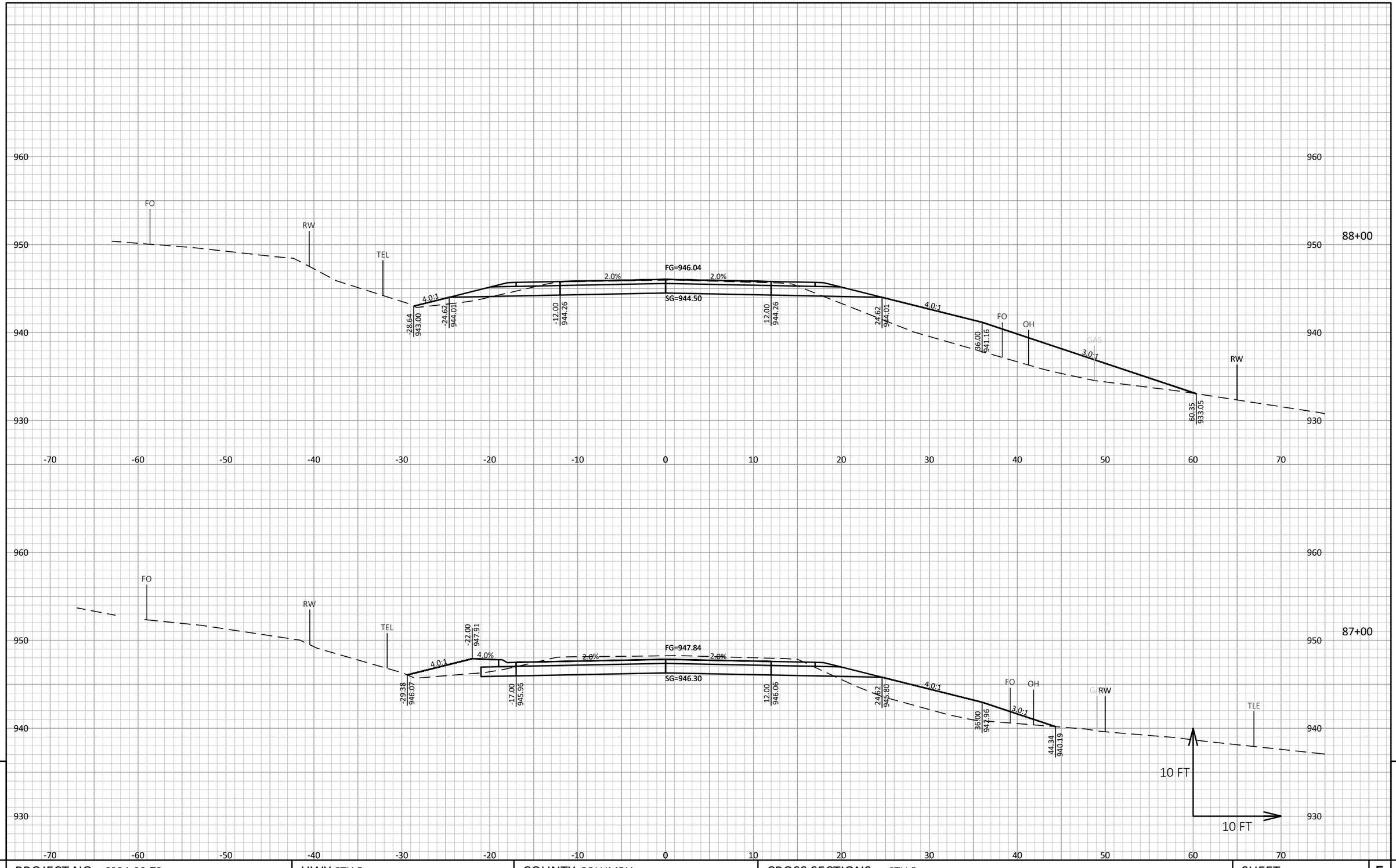
LAYOUT NAME - CTH P 039

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 271	E

FILE NAME :

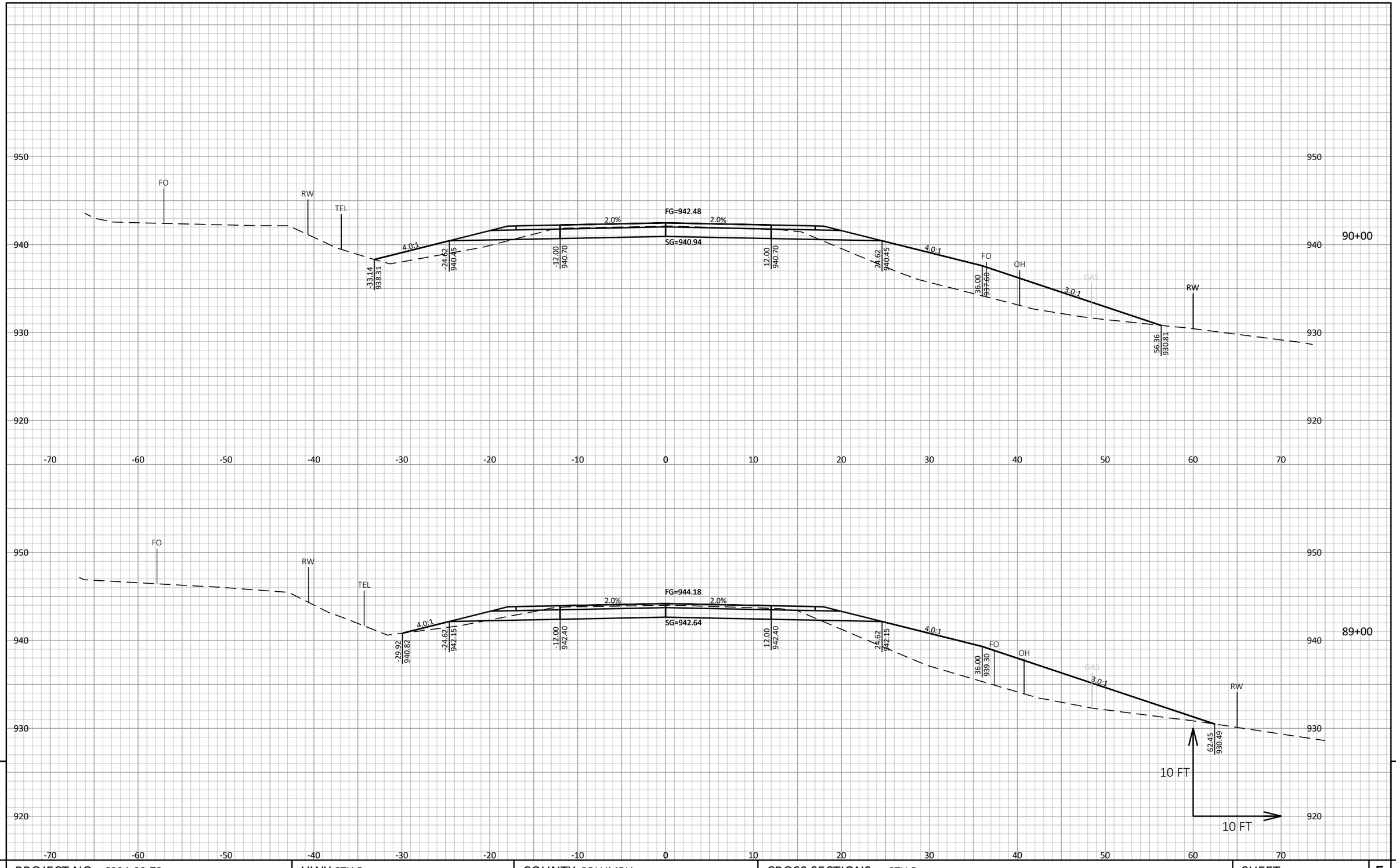
LAYOUT NAME - CTH P 040

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 272	E

FILE NAME :

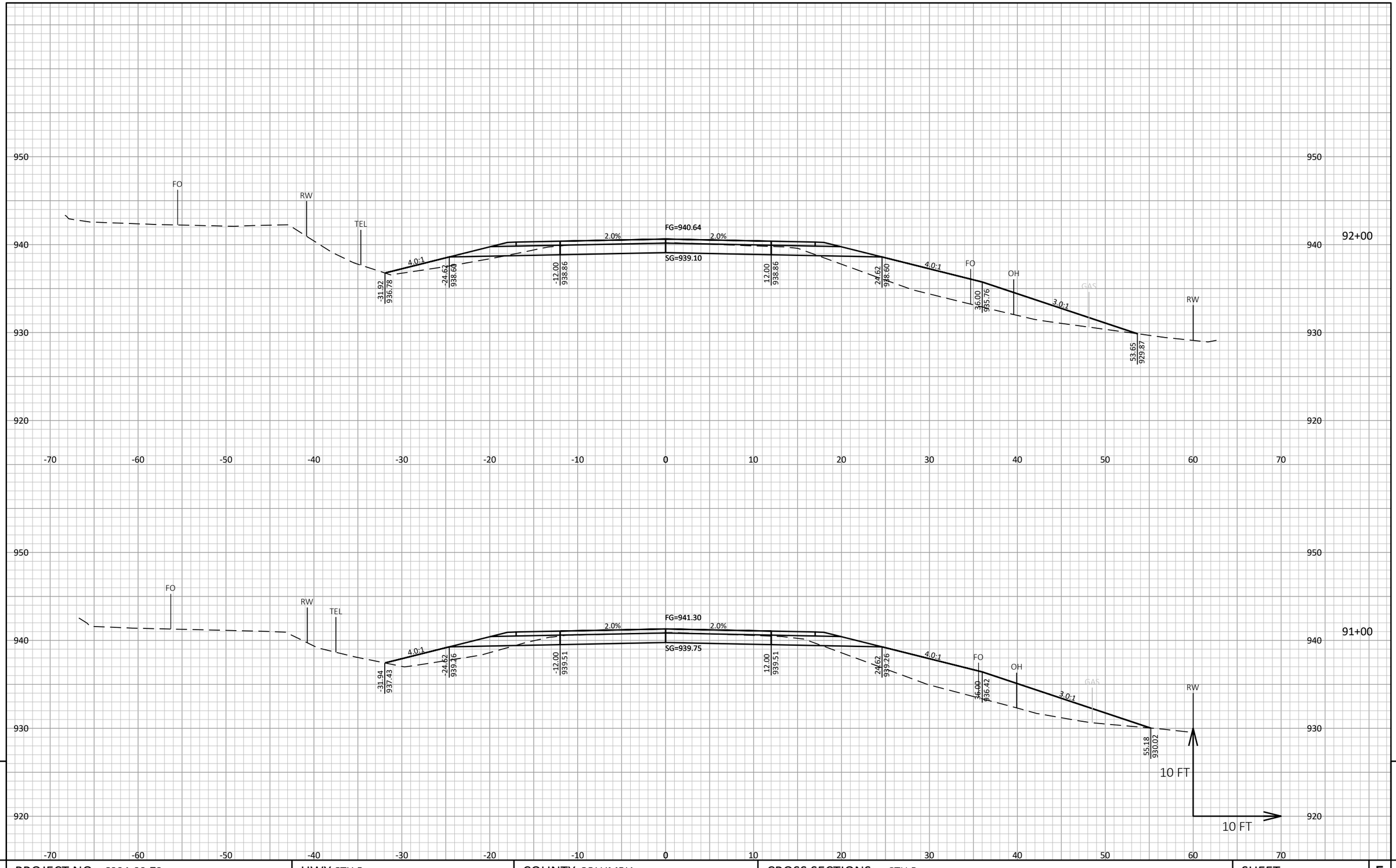
LAYOUT NAME - CTH P 041

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 273	E

FILE NAME :

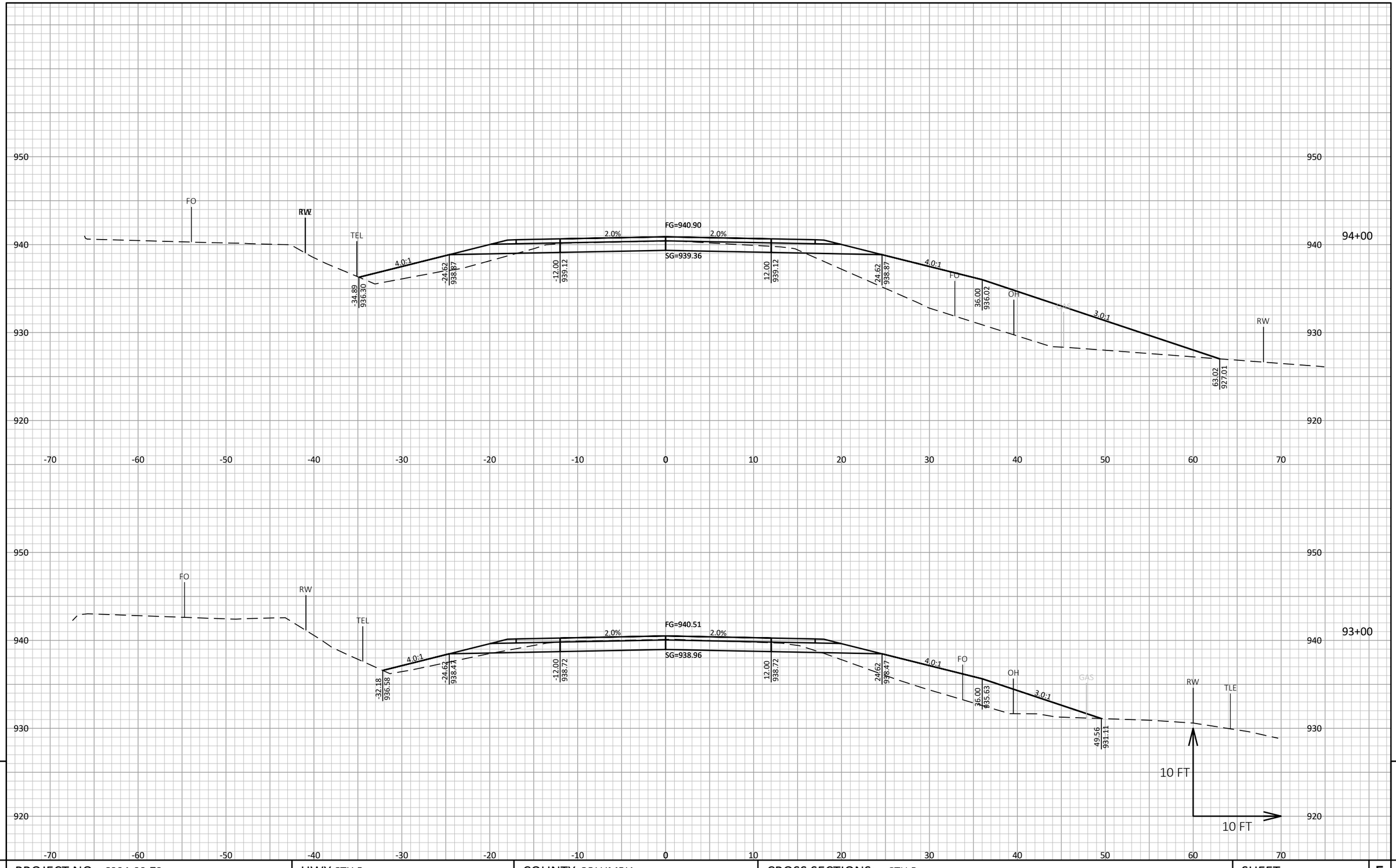
LAYOUT NAME - CTH P 042

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 274	E

FILE NAME :

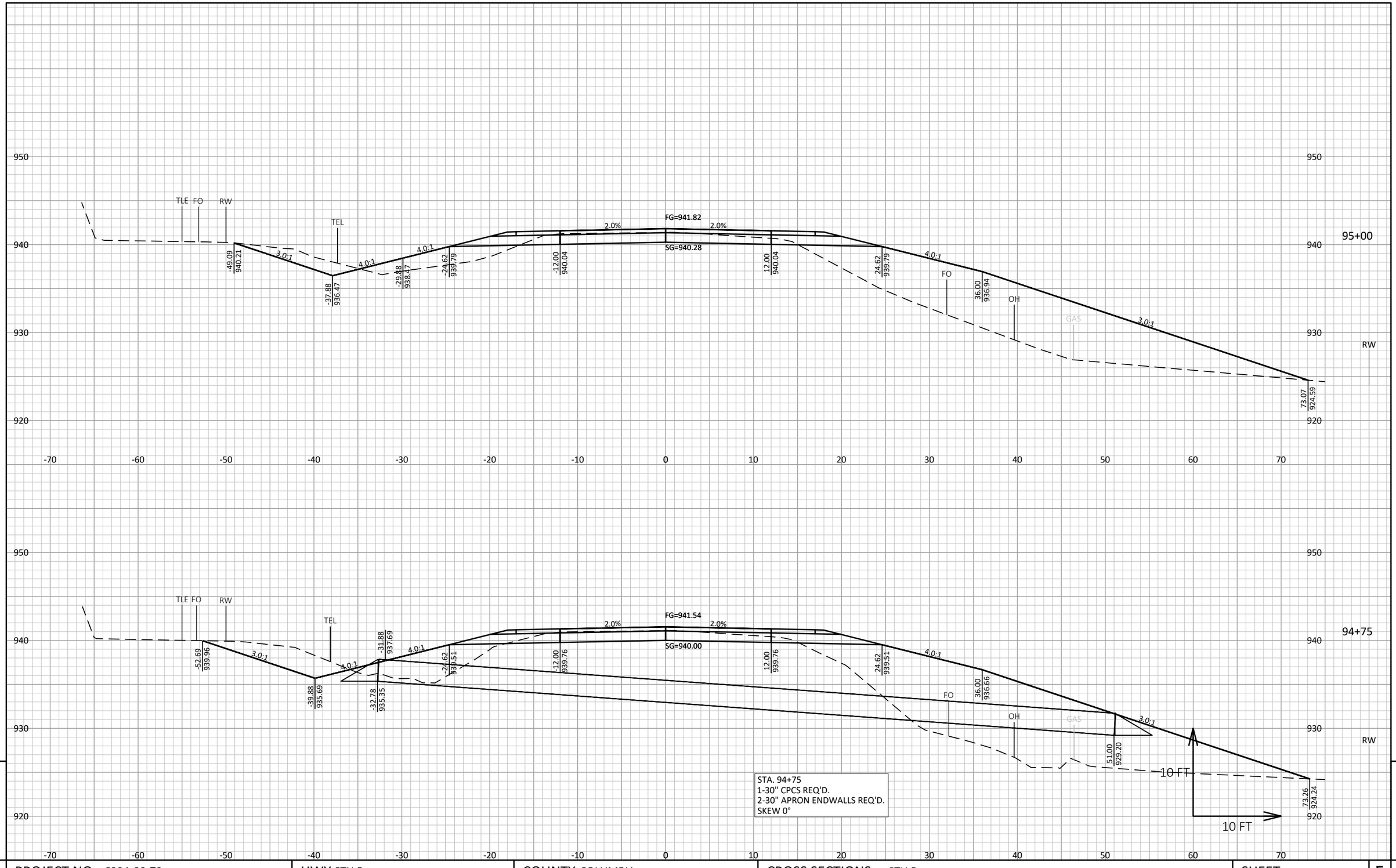
LAYOUT NAME - CTH P 043

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

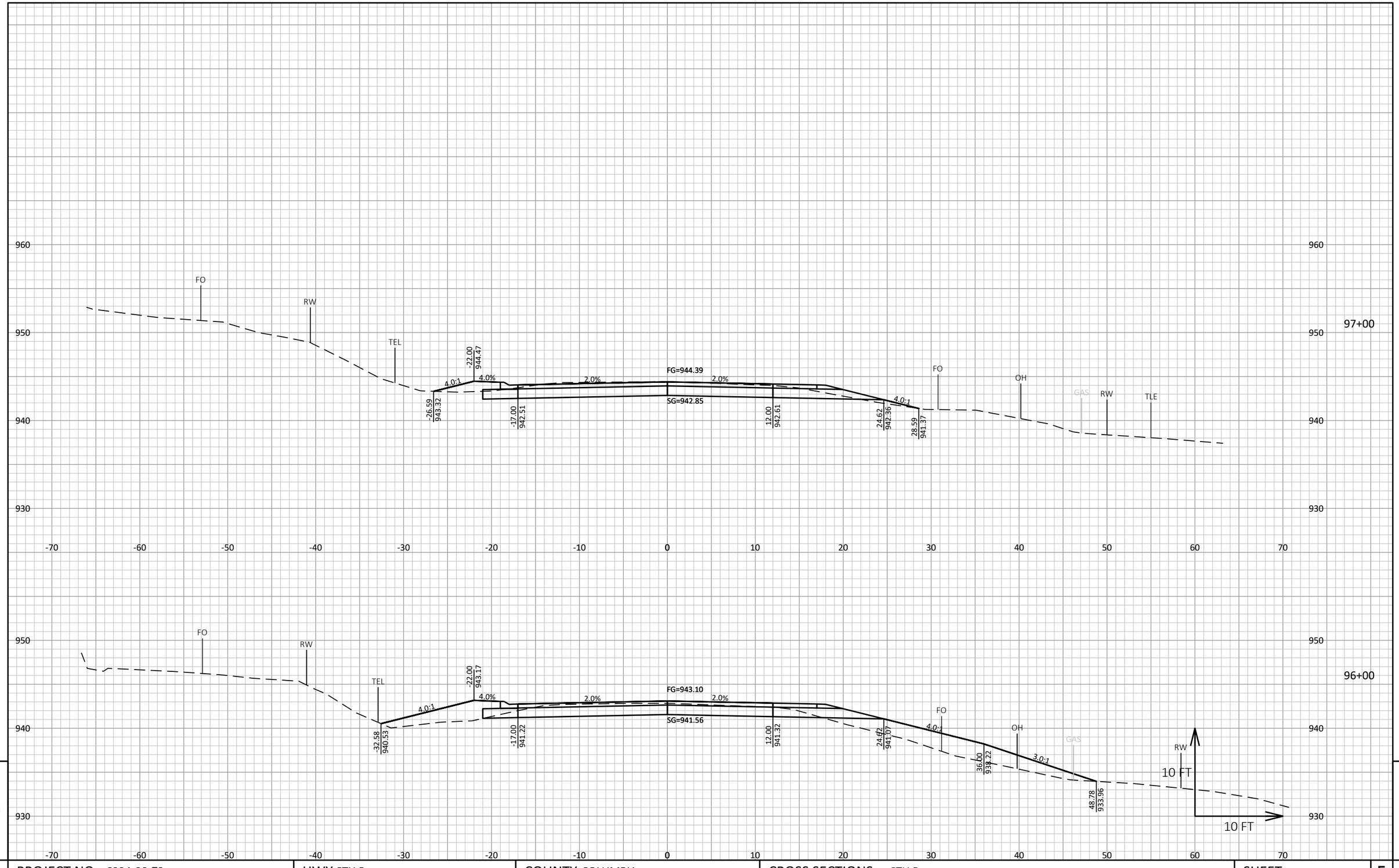


STA. 94+75
1-30" CPCS REQ'D.
2-30" APRON ENDWALLS REQ'D.
SKEW 0°

9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 275	E

FILE NAME :
LAYOUT NAME - CTH P 044
PLOT DATE :
PLOT BY :
PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 276	E

FILE NAME :

LAYOUT NAME - CTH P 045

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 277	E

FILE NAME :

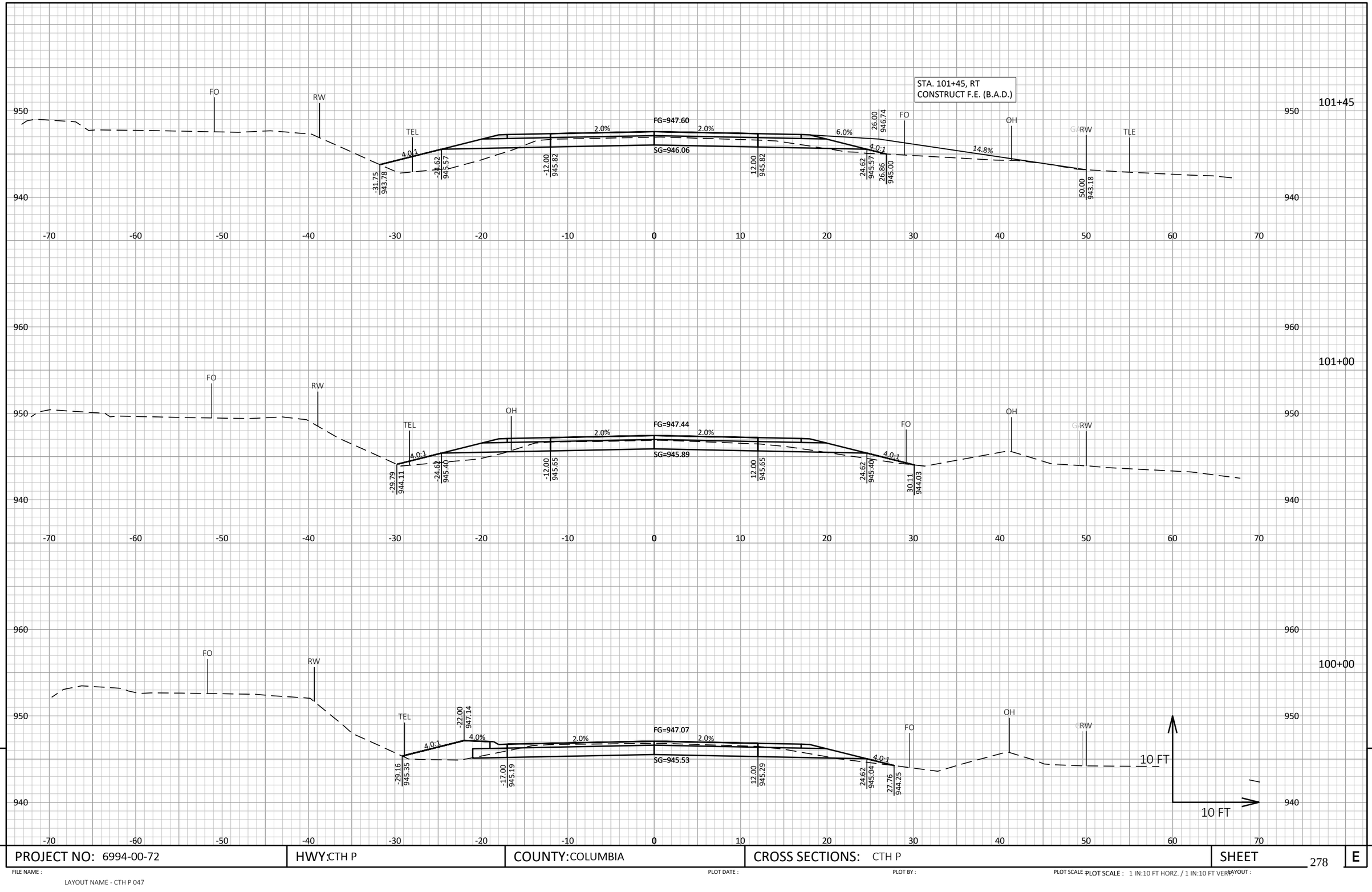
LAYOUT NAME - CTH P 046

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 278	E

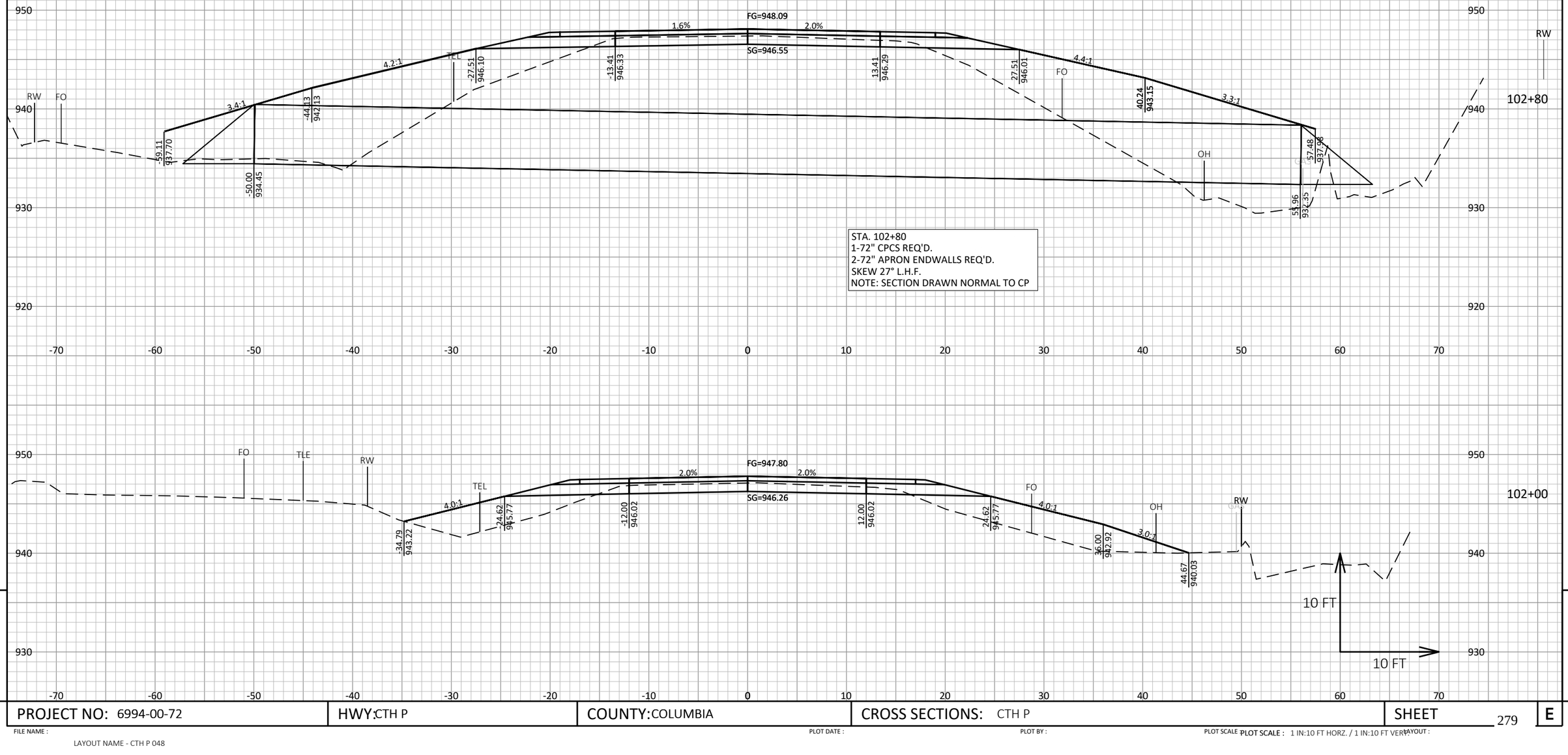
FILE NAME : LAYOUT NAME - CTH P 047

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 279	E

FILE NAME :

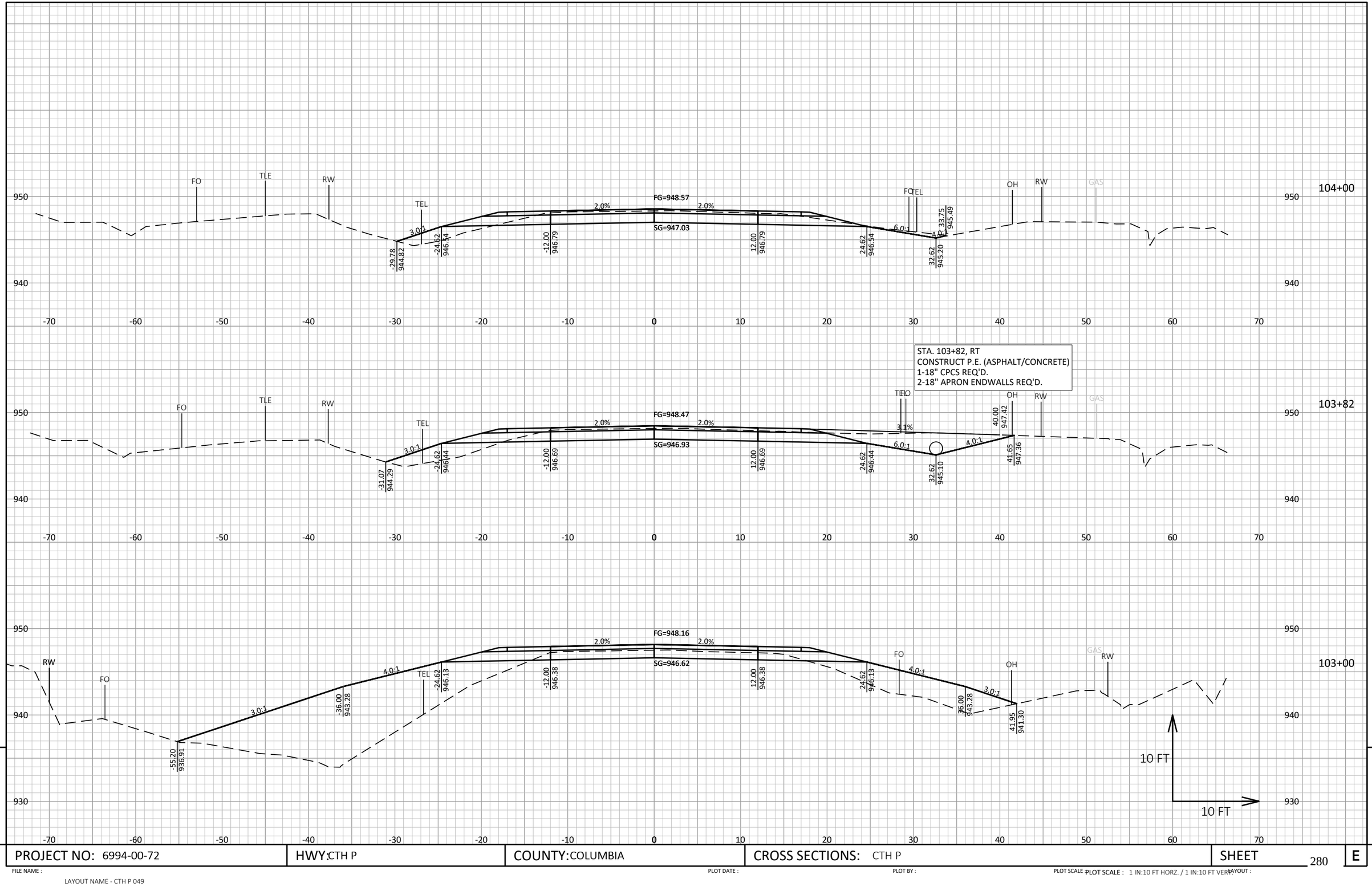
LAYOUT NAME - CTH P 048

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 280	E

FILE NAME :

LAYOUT NAME - CTH P 049

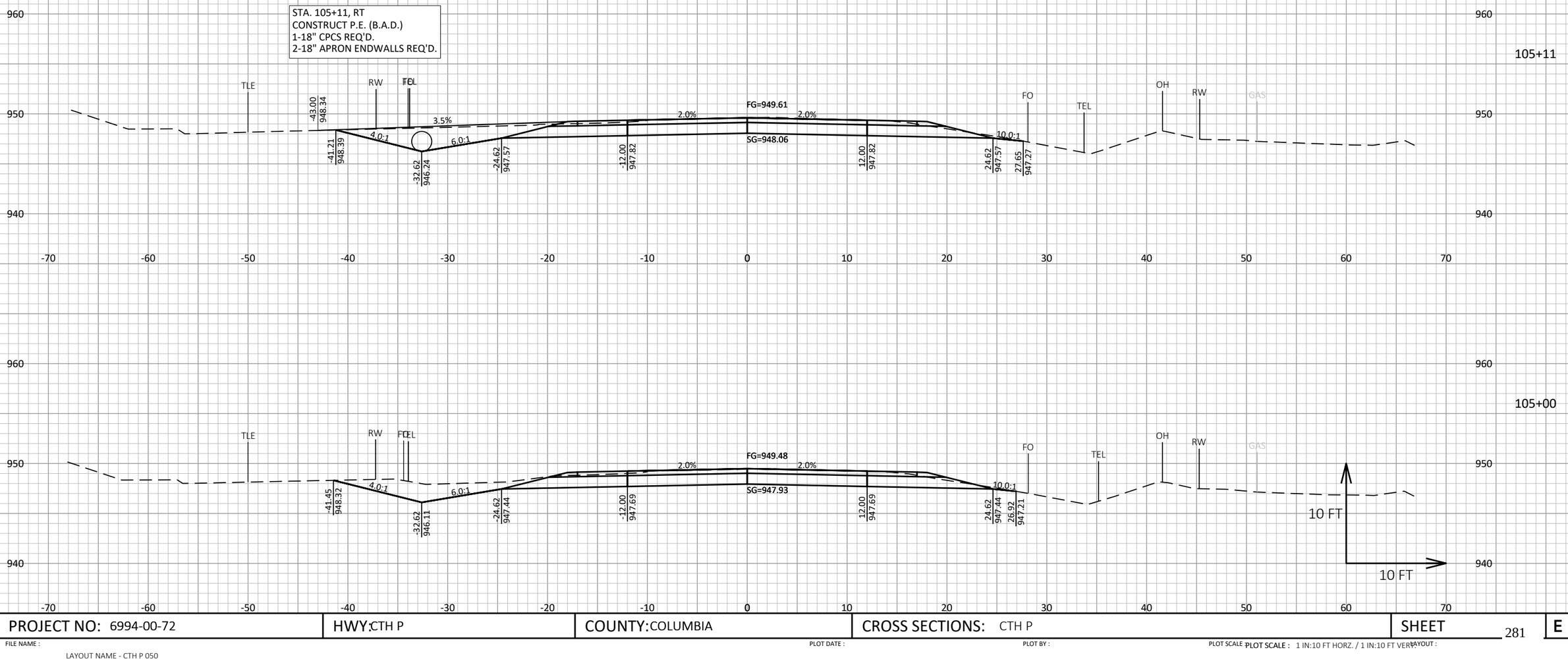
PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

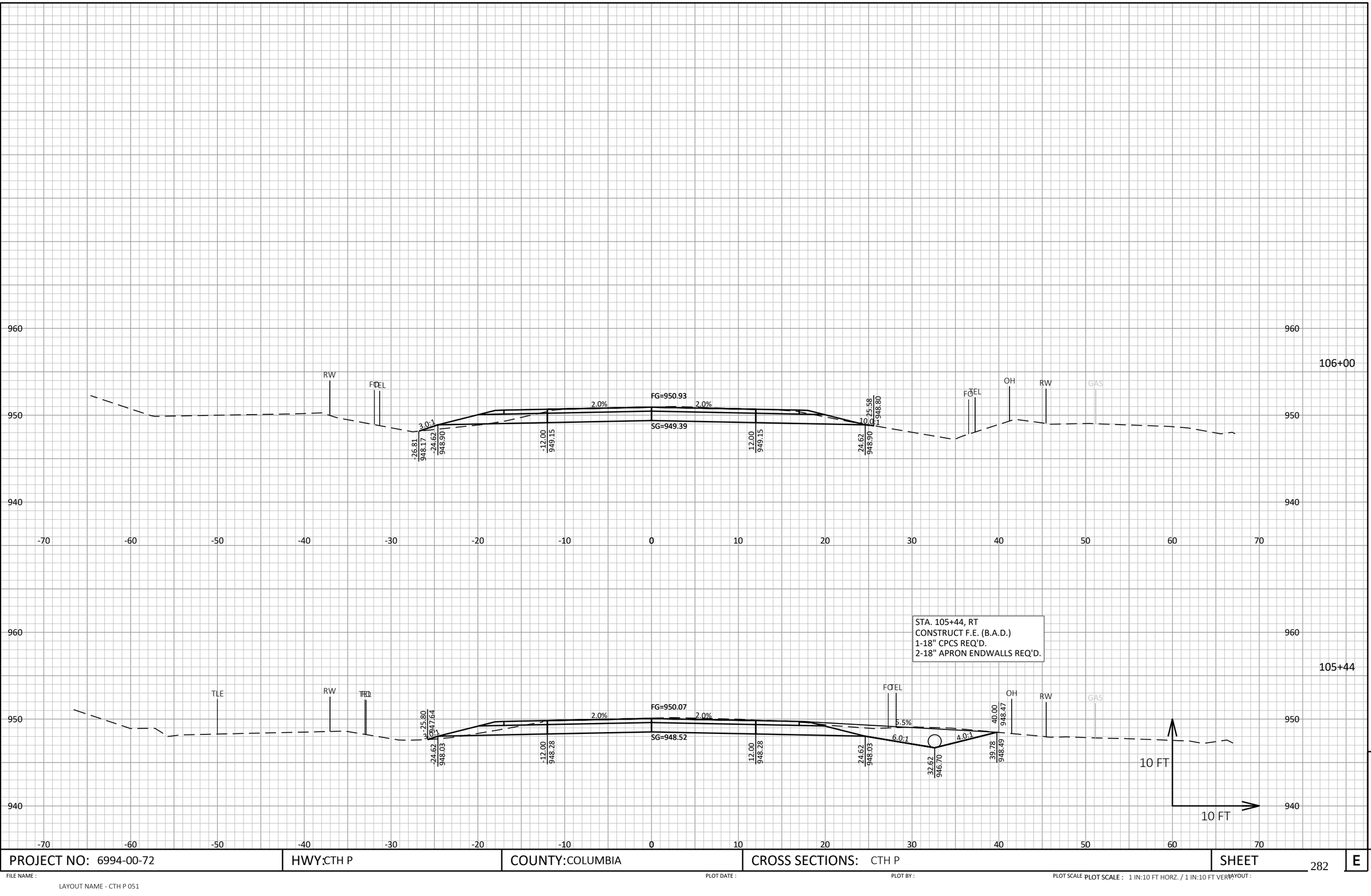
LAYOUT :

STA. 105+11, RT
CONSTRUCT P.E. (B.A.D.)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 281	E

FILE NAME :
LAYOUT NAME - CTH P 050
PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 282	E

FILE NAME :

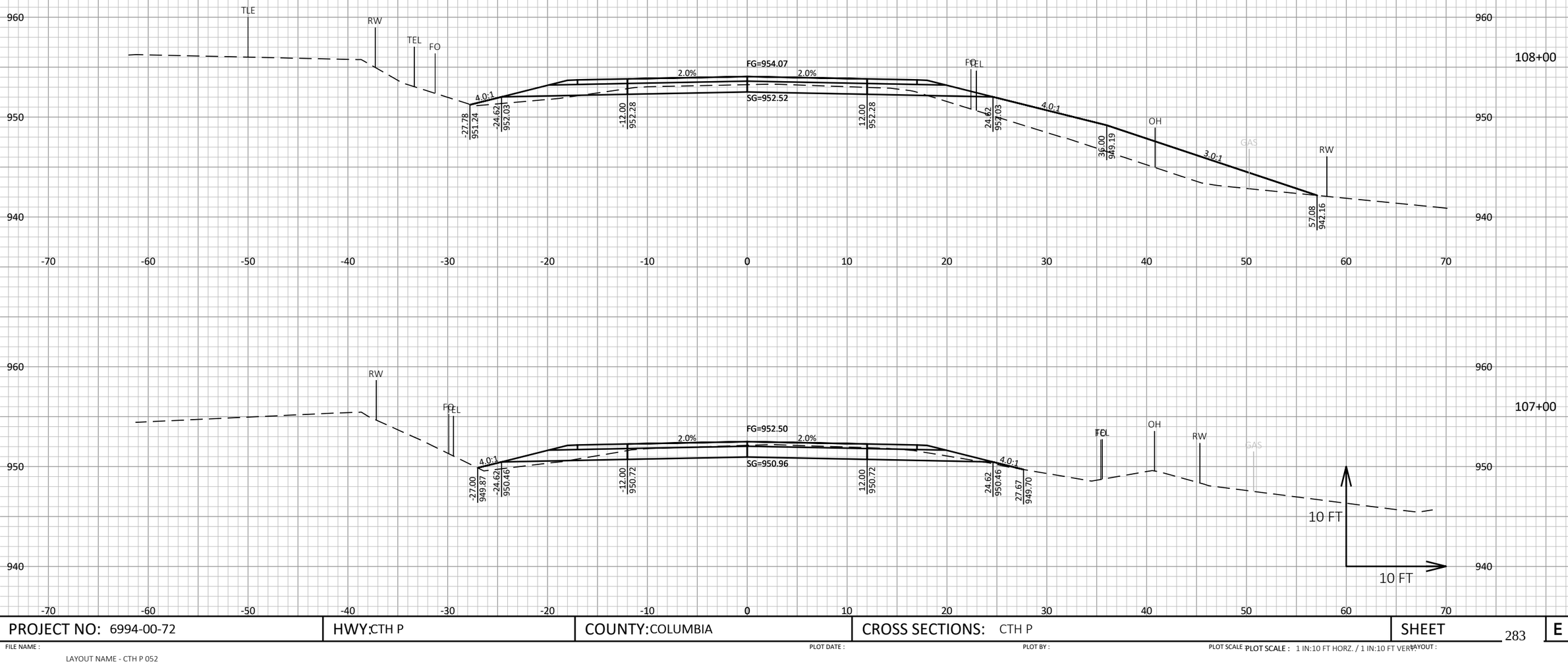
LAYOUT NAME - CTH P 051

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 283	E

FILE NAME : LAYOUT NAME - CTH P 052

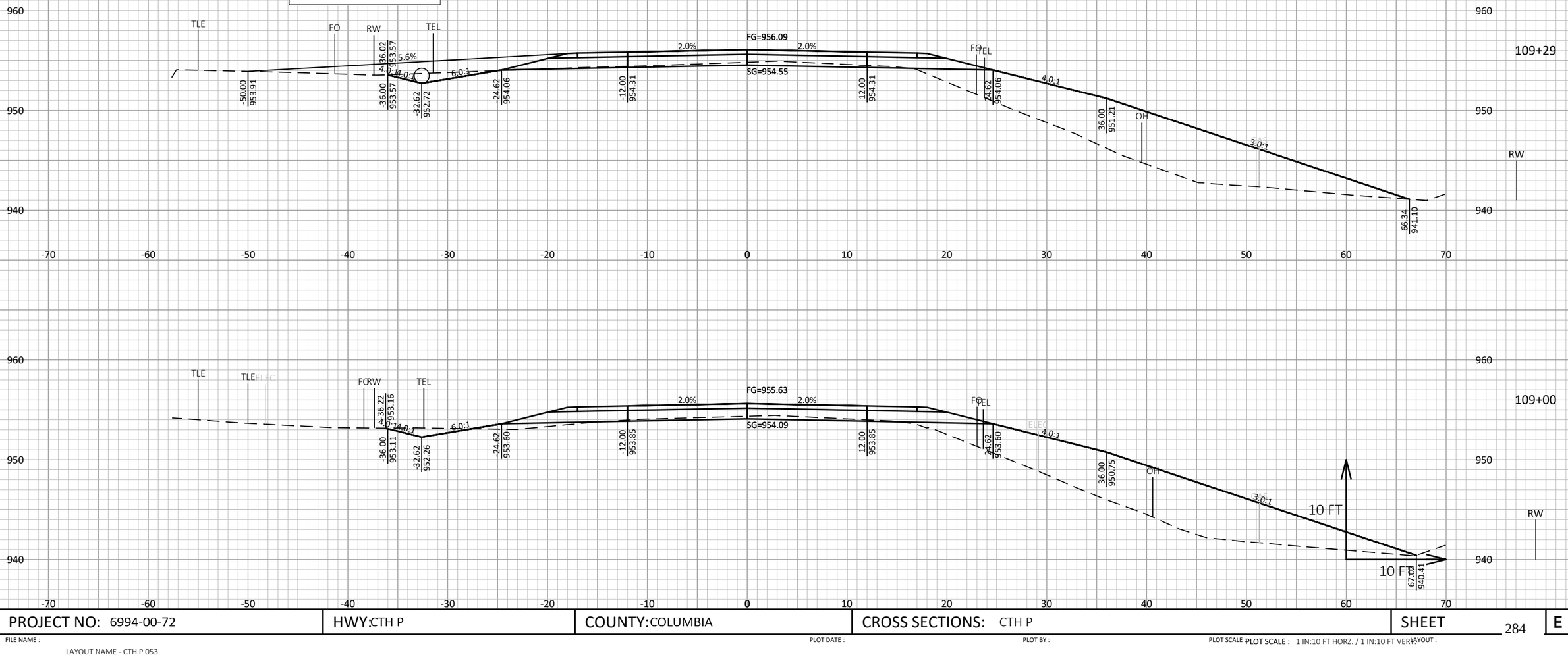
PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

STA. 109+29, LT
CONSTRUCT P.E. (B.A.D.)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.



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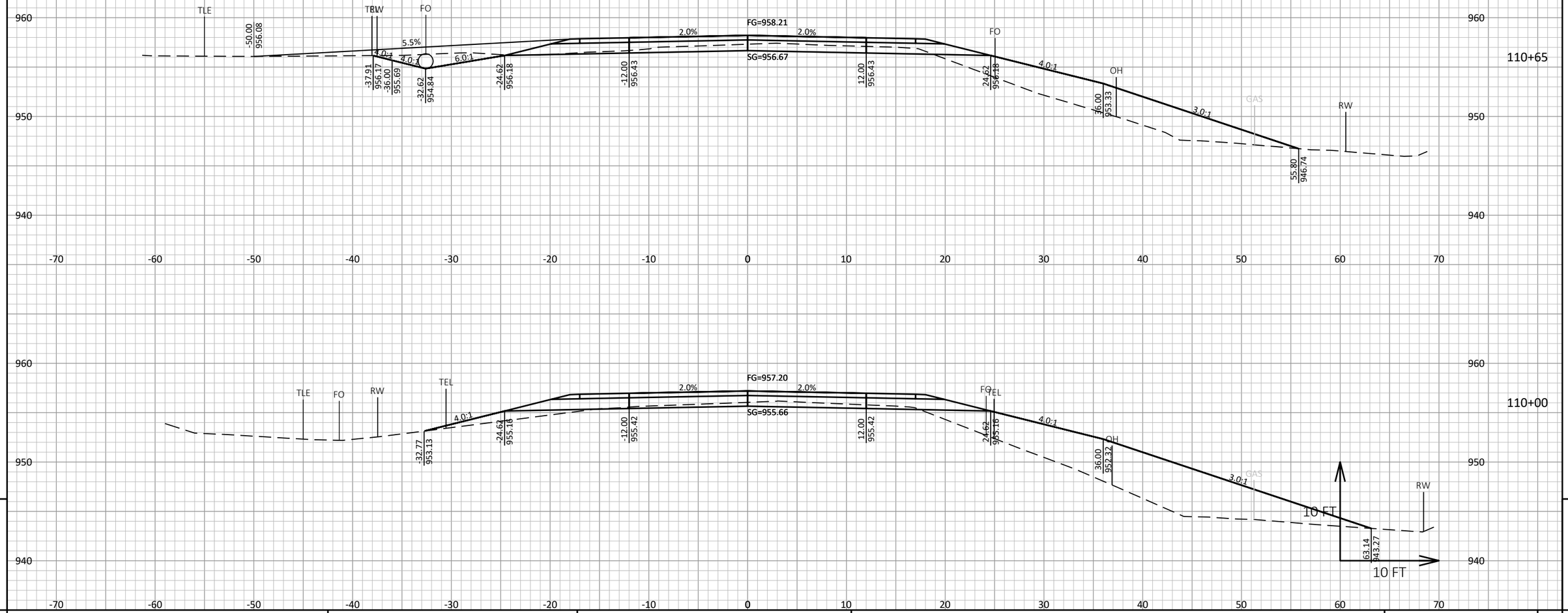
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 284	E

FILE NAME :
LAYOUT NAME - CTH P 053
PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :

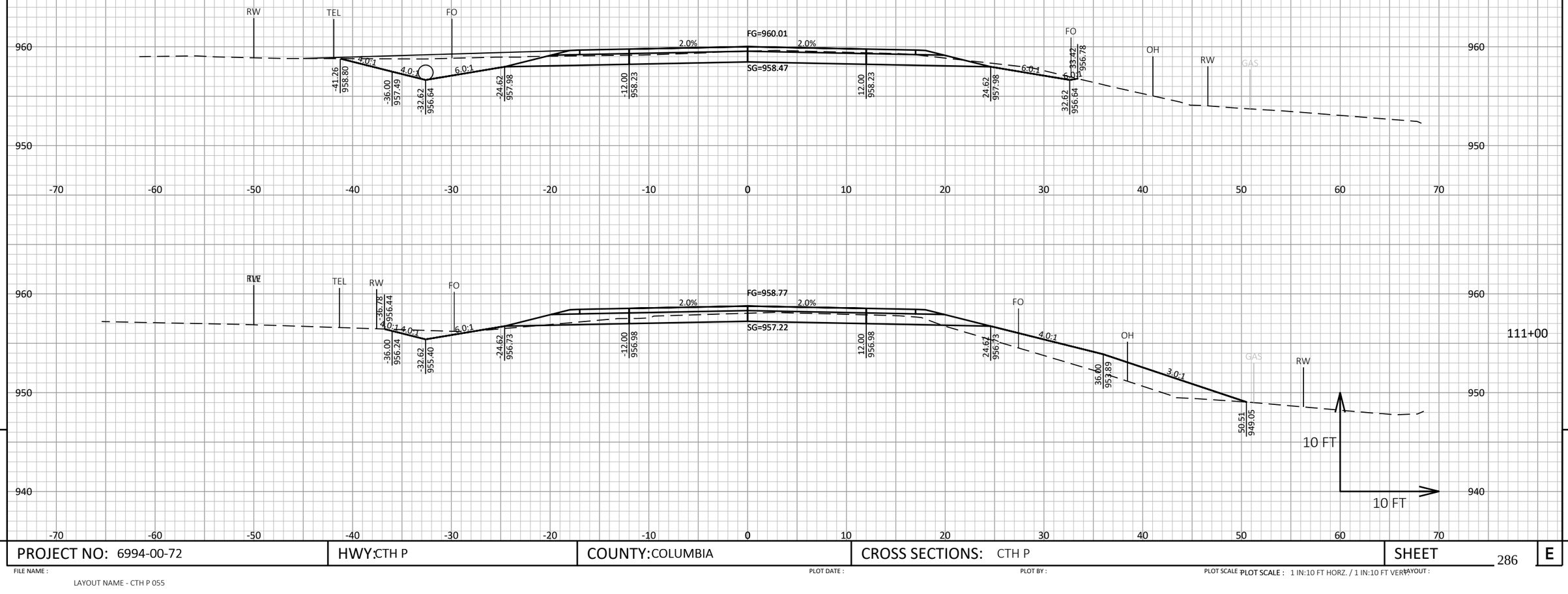
STA. 110+65, LT
CONSTRUCT P.E. (ASPHALT)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 285	E

FILE NAME :
LAYOUT NAME - CTH P 054
PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :

STA. 111+80, LT
CONSTRUCT P.E. (B.A.D.)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.



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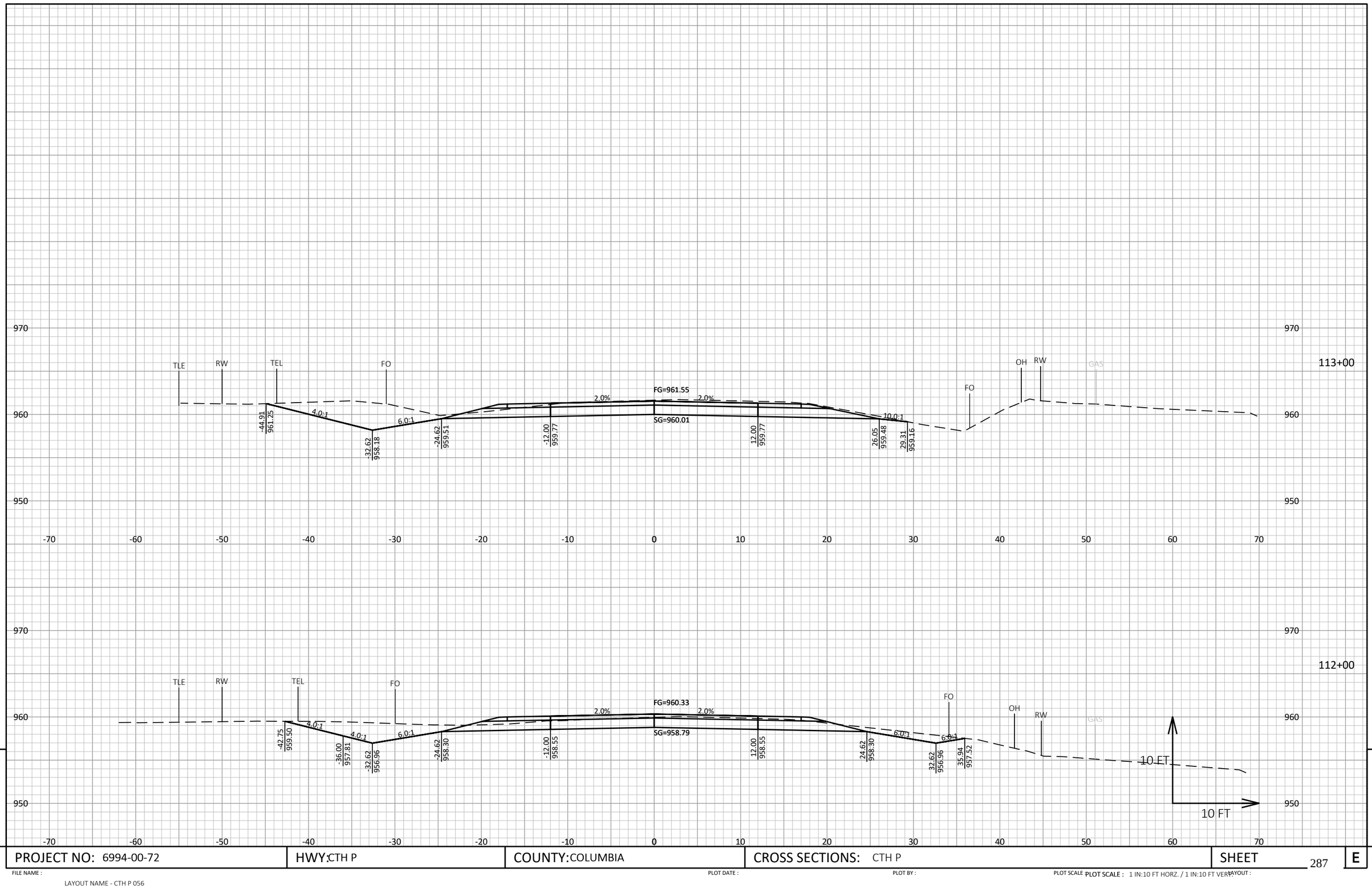
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 286	E

FILE NAME :
LAYOUT NAME - CTH P 055
PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 287	E

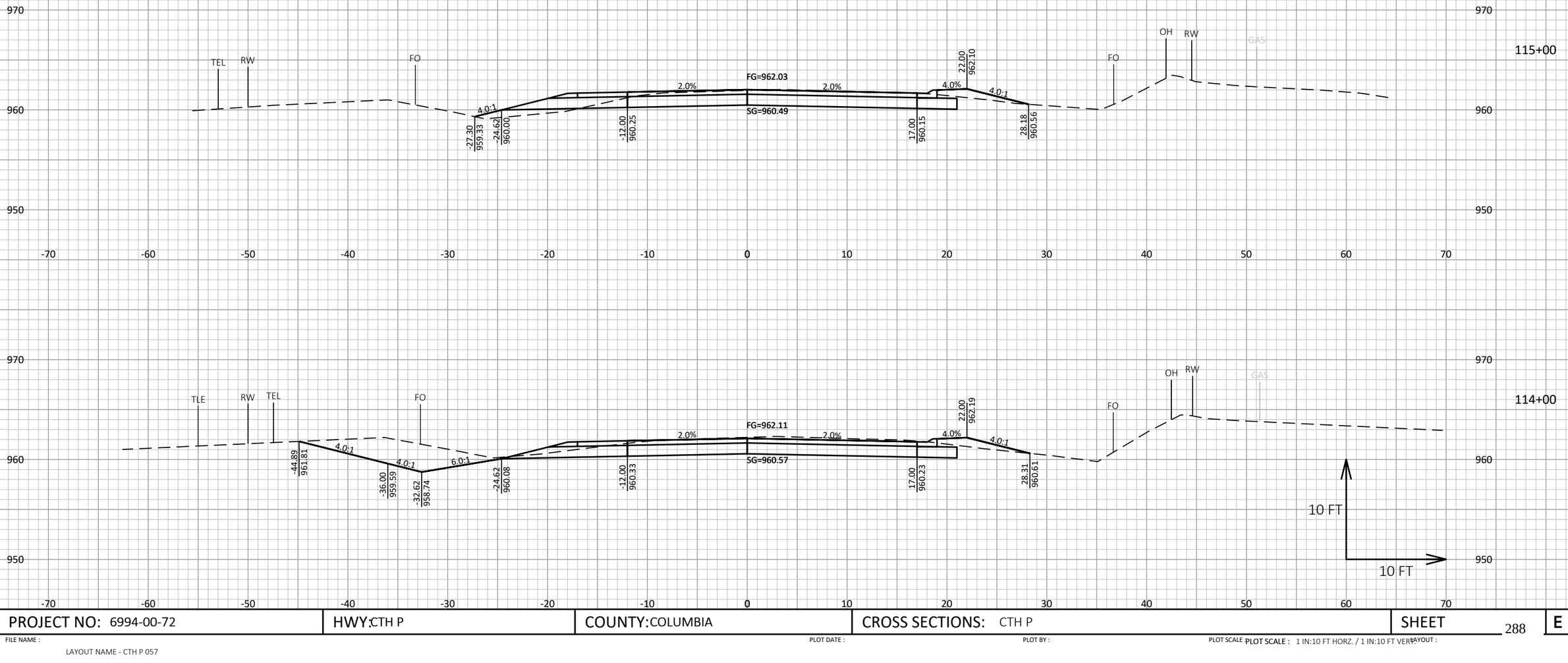
FILE NAME : LAYOUT NAME - CTH P 056

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 288	E

FILE NAME :

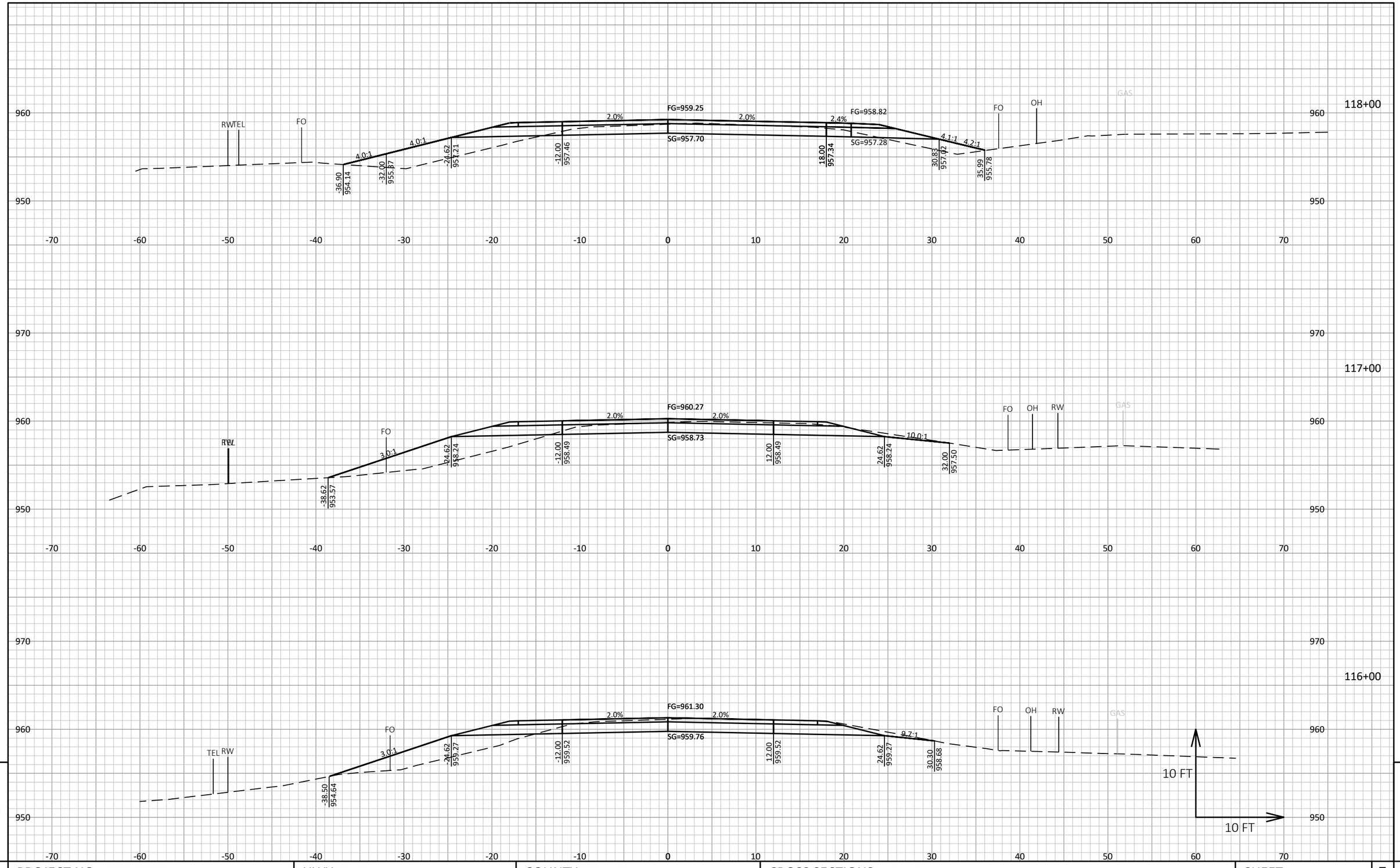
LAYOUT NAME - CTH P 057

PLOT DATE :

PLOT BY :

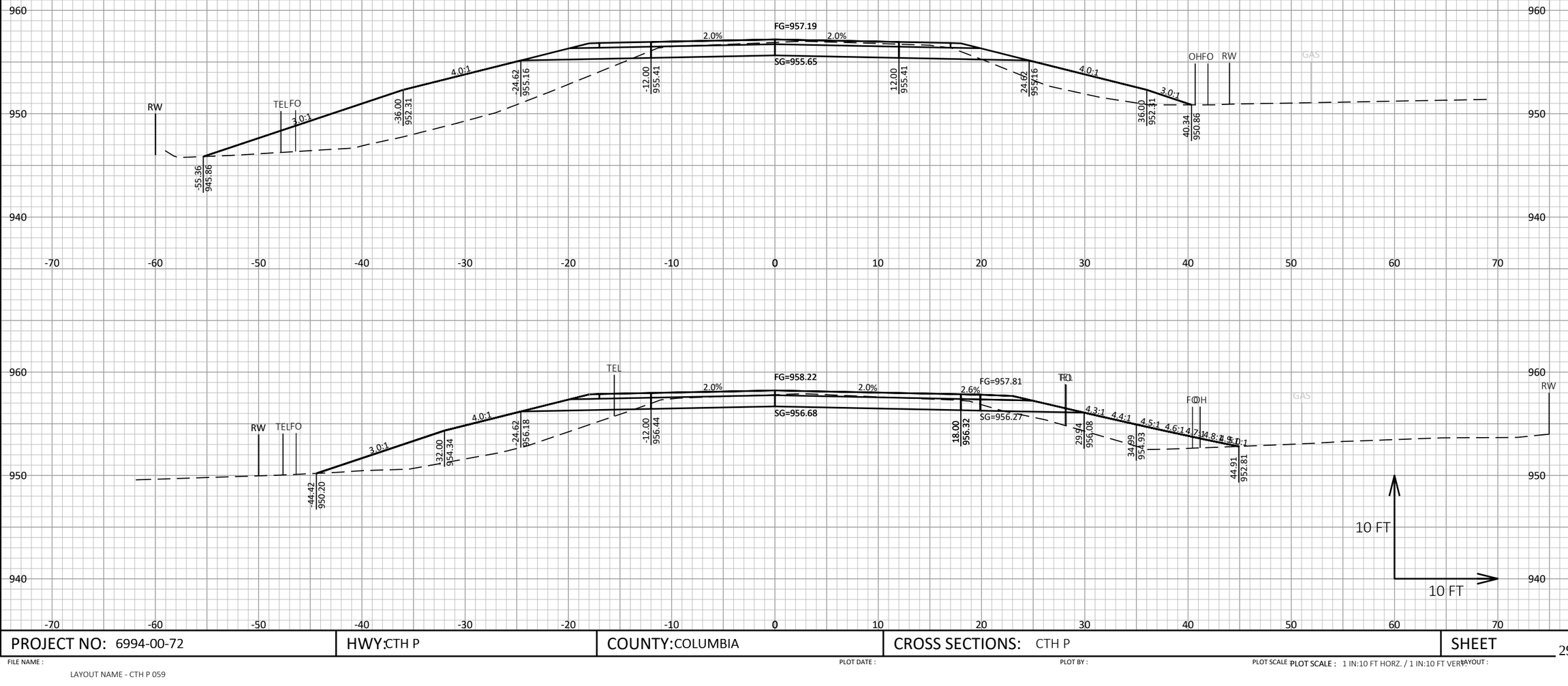
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 289 E

FILE NAME : LAYOUT NAME - CTH P 058 | PLOT DATE : | PLOT BY : | PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT. | LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 290	E

FILE NAME :

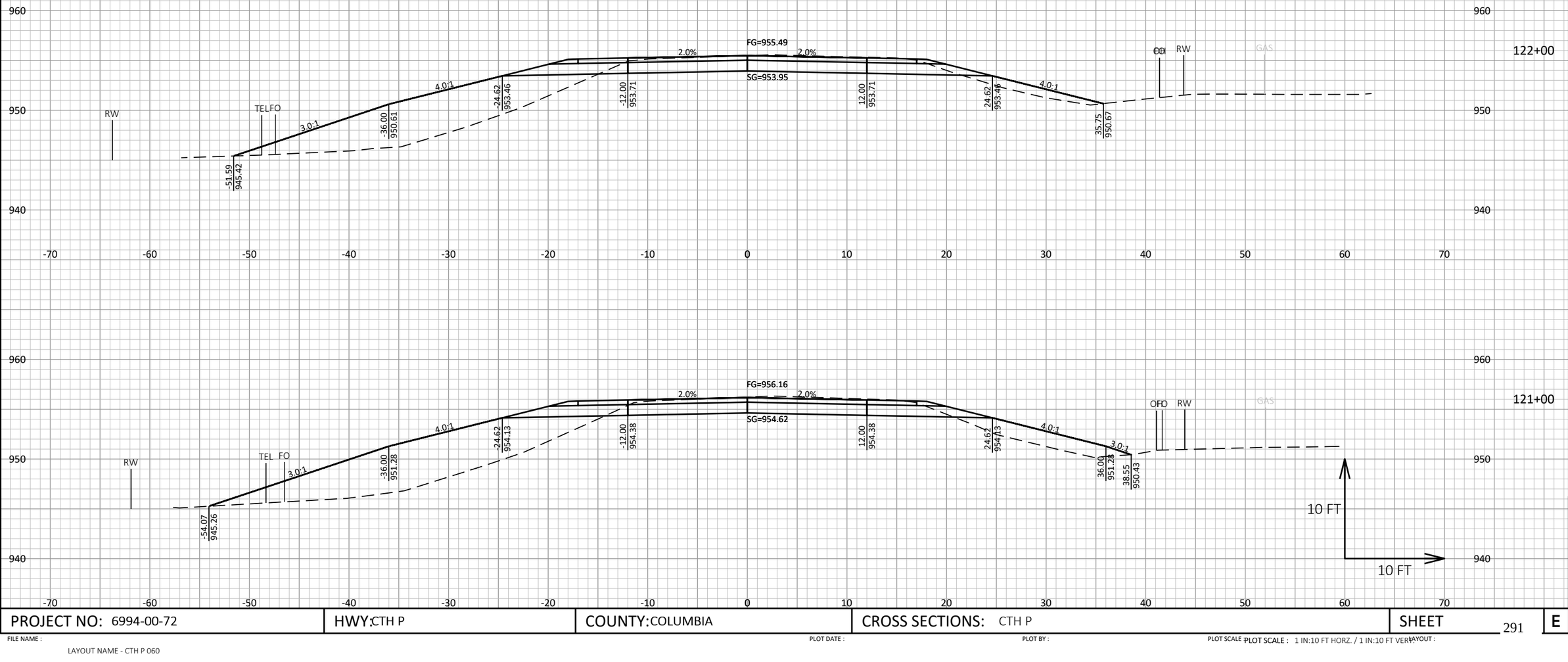
LAYOUT NAME - CTH P 059

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 291	E

FILE NAME :

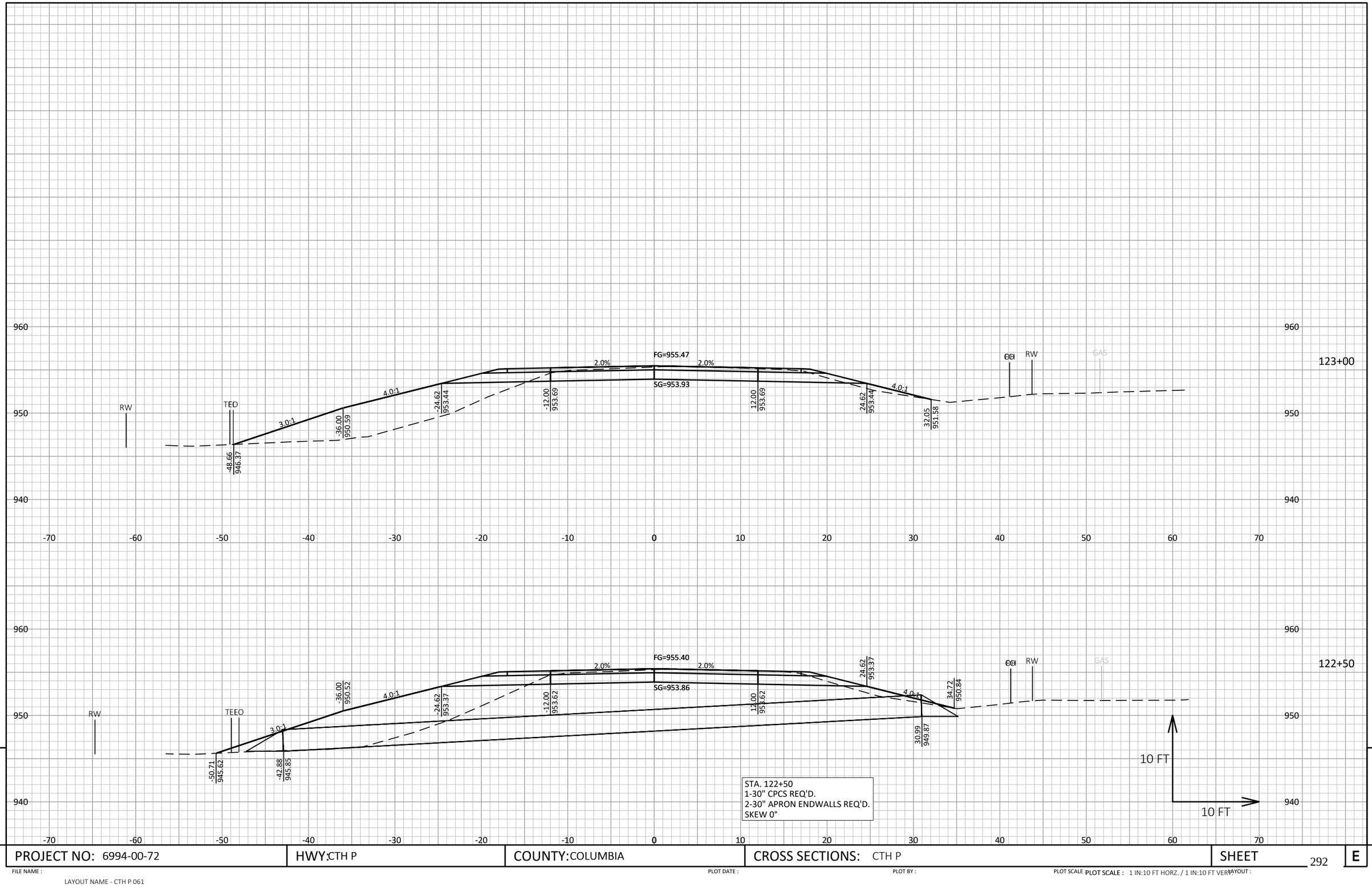
LAYOUT NAME - CTH P 060

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 292	E

FILE NAME :

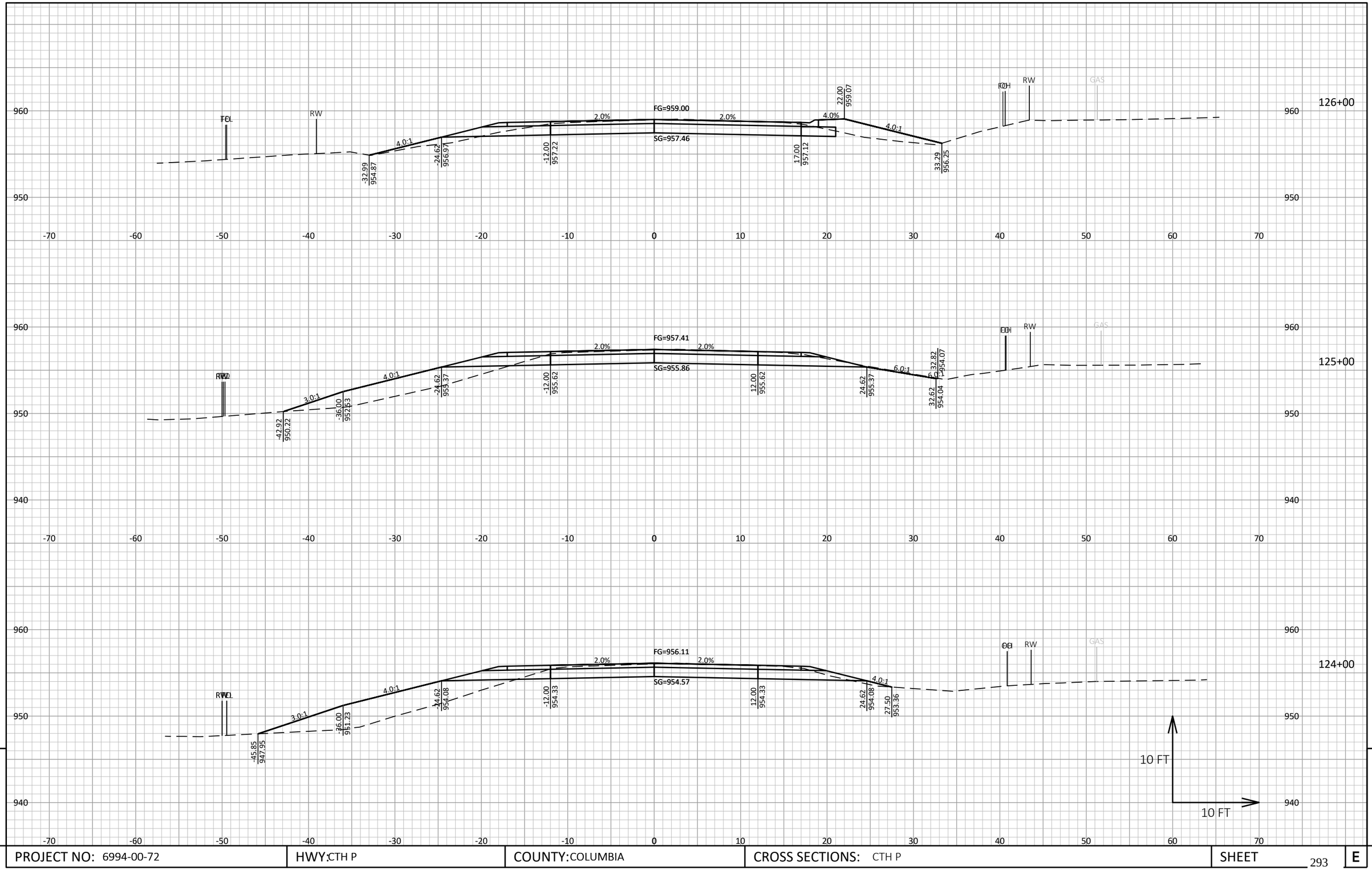
LAYOUT NAME - CTH P 061

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 293	E

FILE NAME :

LAYOUT NAME - CTH P 062

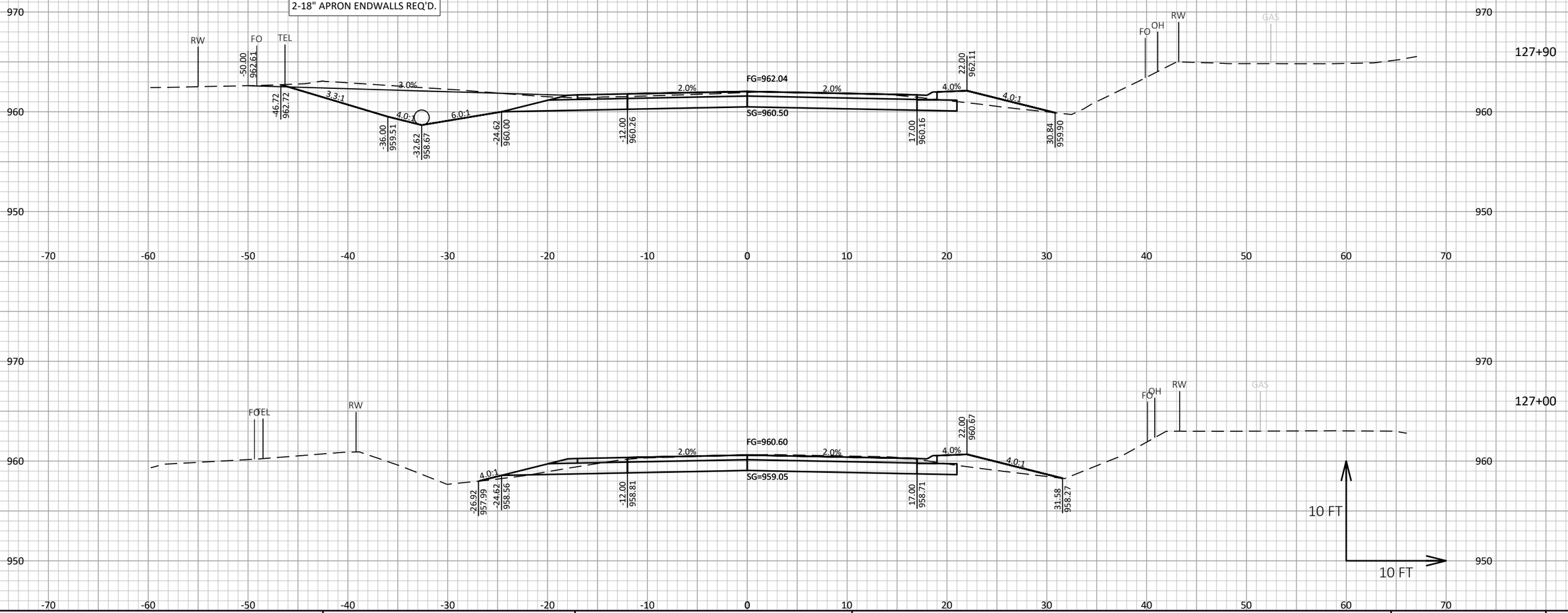
PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

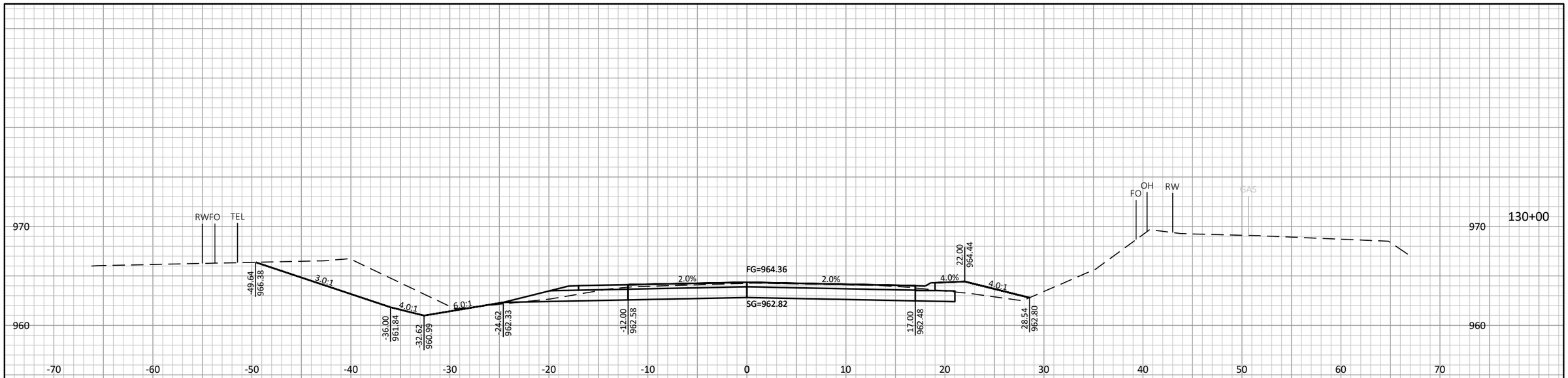
LAYOUT :

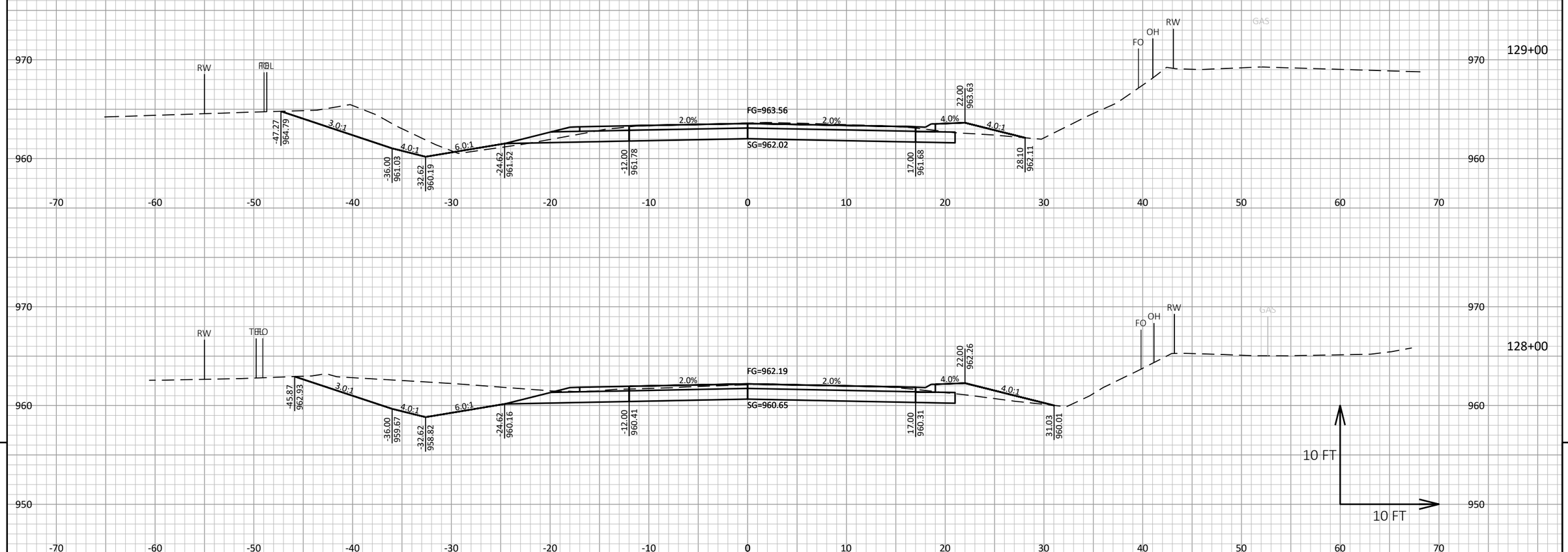
STA. 127+90, LT
CONSTRUCT F.E. (B.A.D.)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 294	E

FILE NAME :
LAYOUT NAME - CTH P 063
PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :





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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 295	E

FILE NAME :

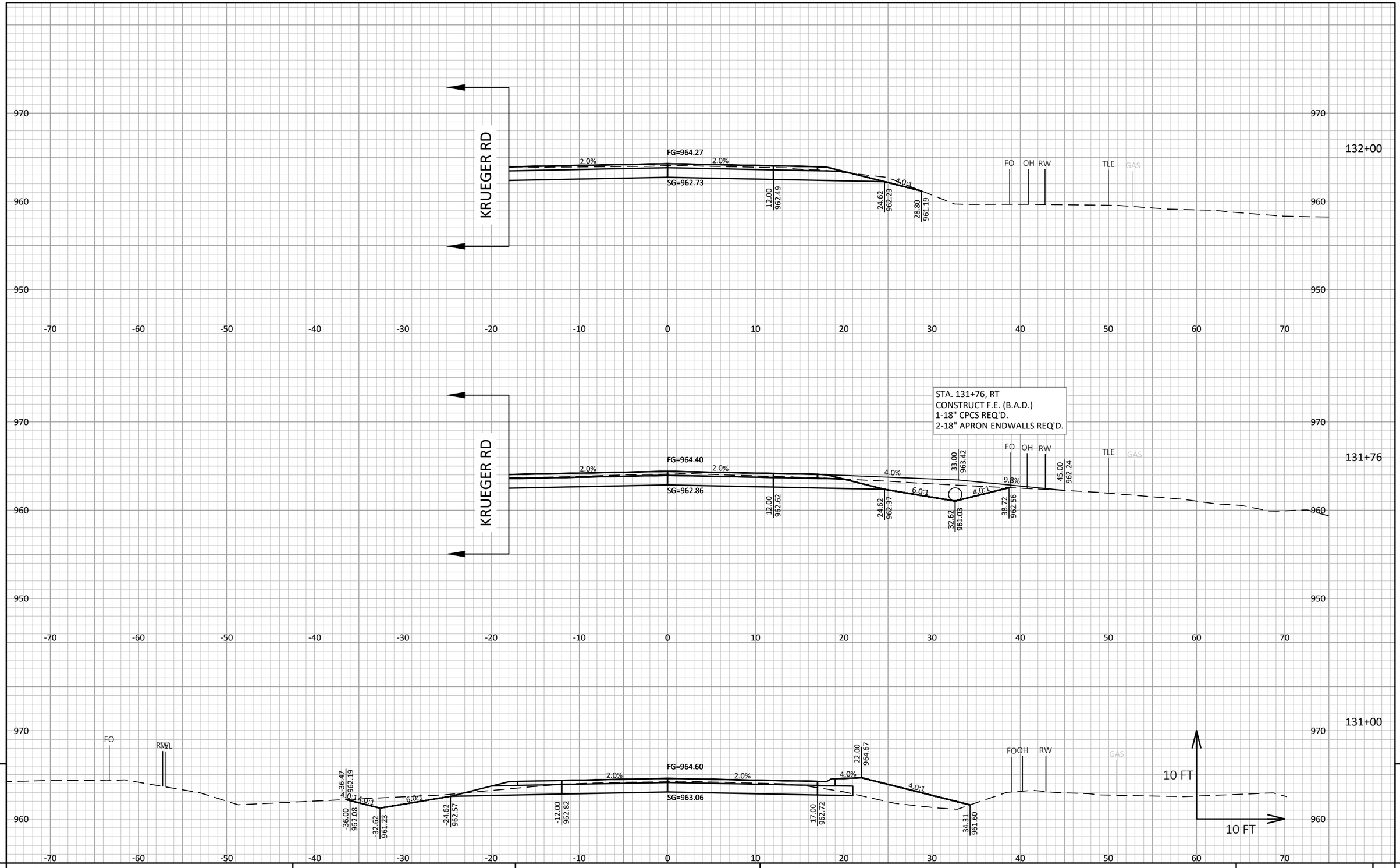
LAYOUT NAME - CTH P 064

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 296	E

FILE NAME :

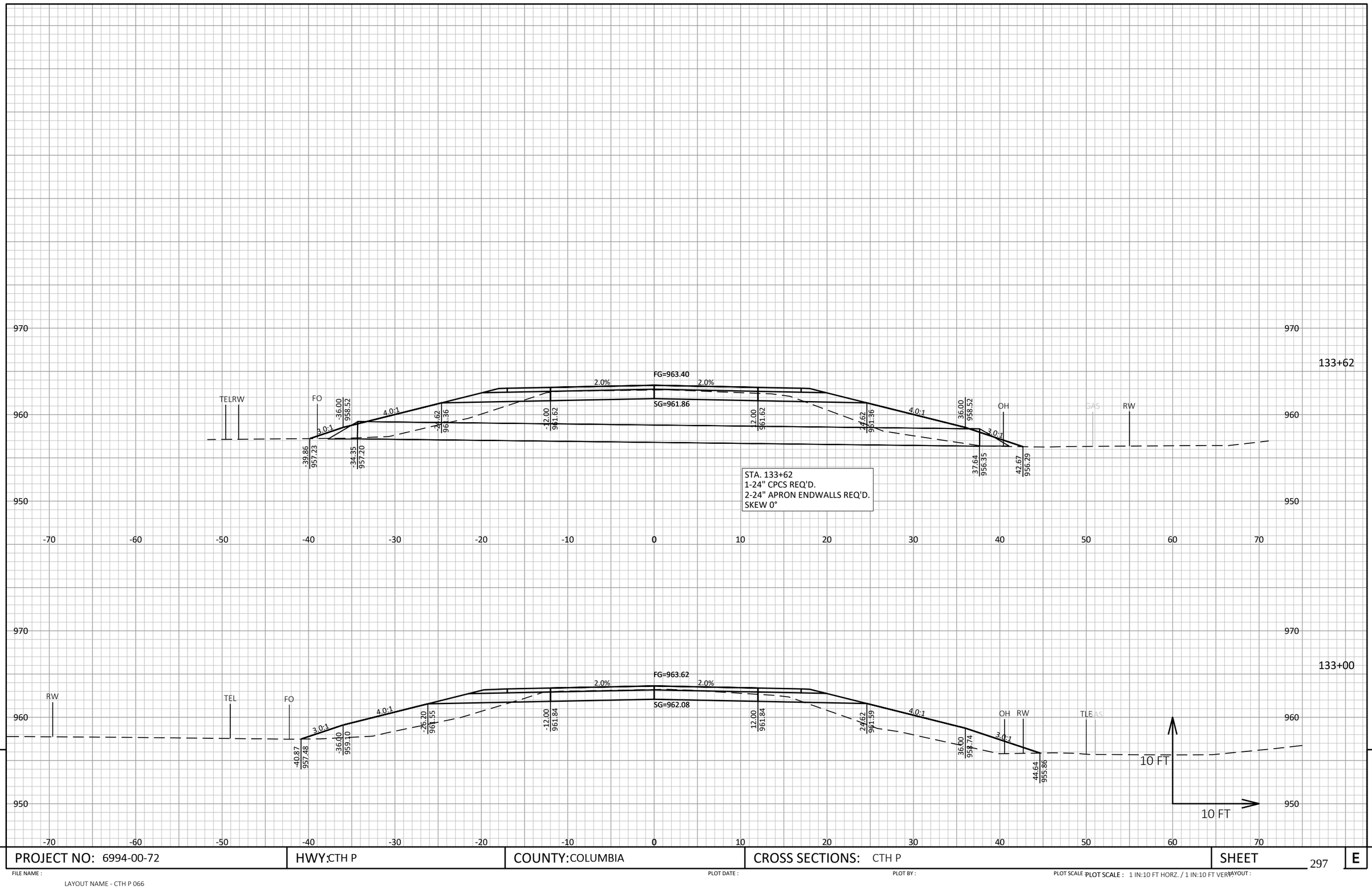
LAYOUT NAME - CTH P 065

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 297	E

FILE NAME :

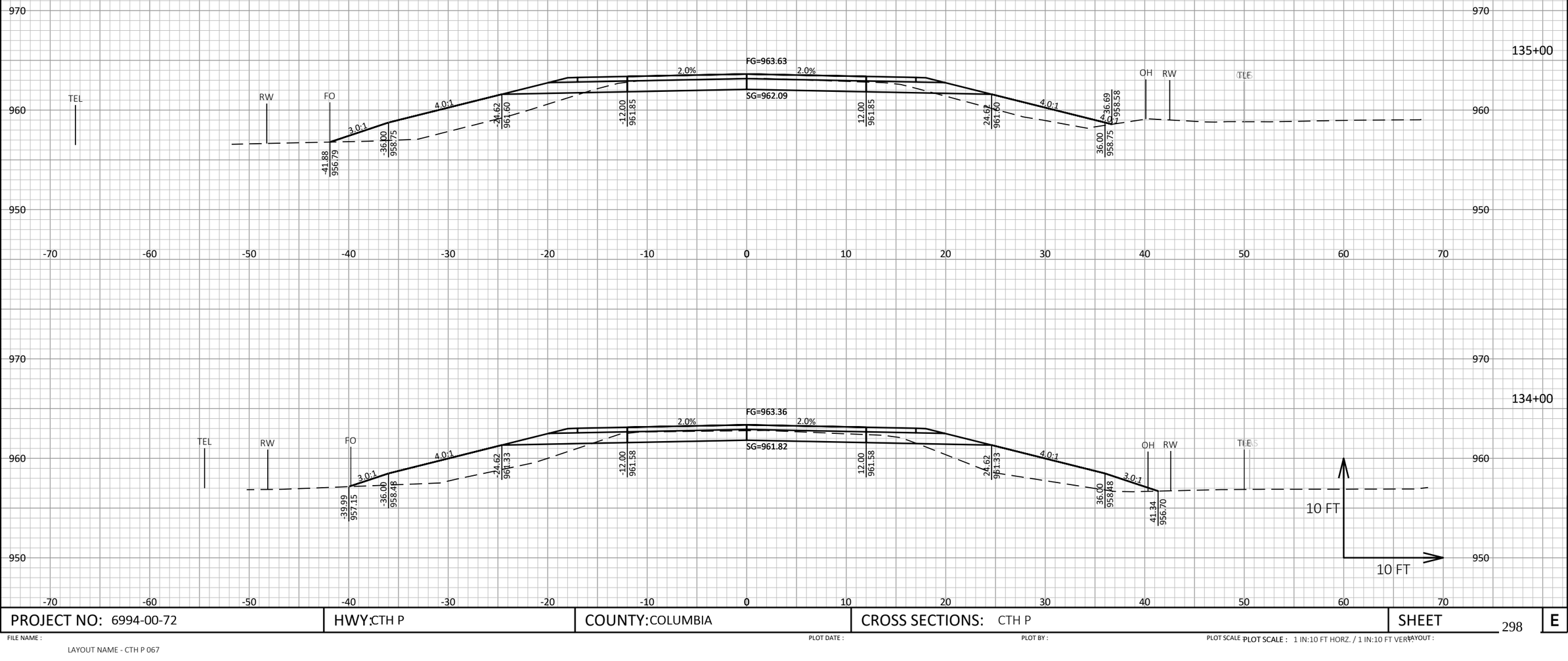
LAYOUT NAME - CTH P 066

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 298	E

FILE NAME :

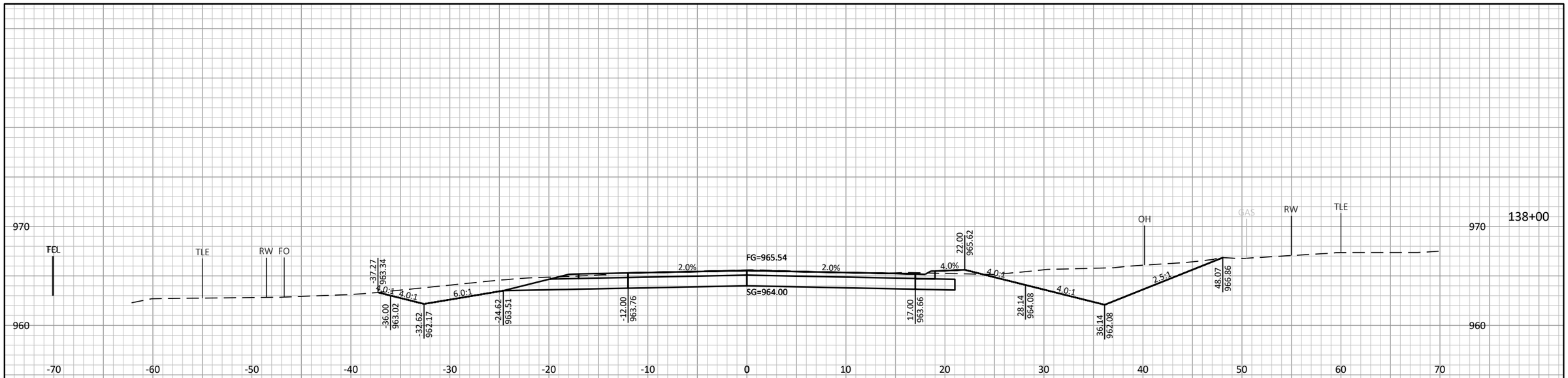
LAYOUT NAME - CTH P 067

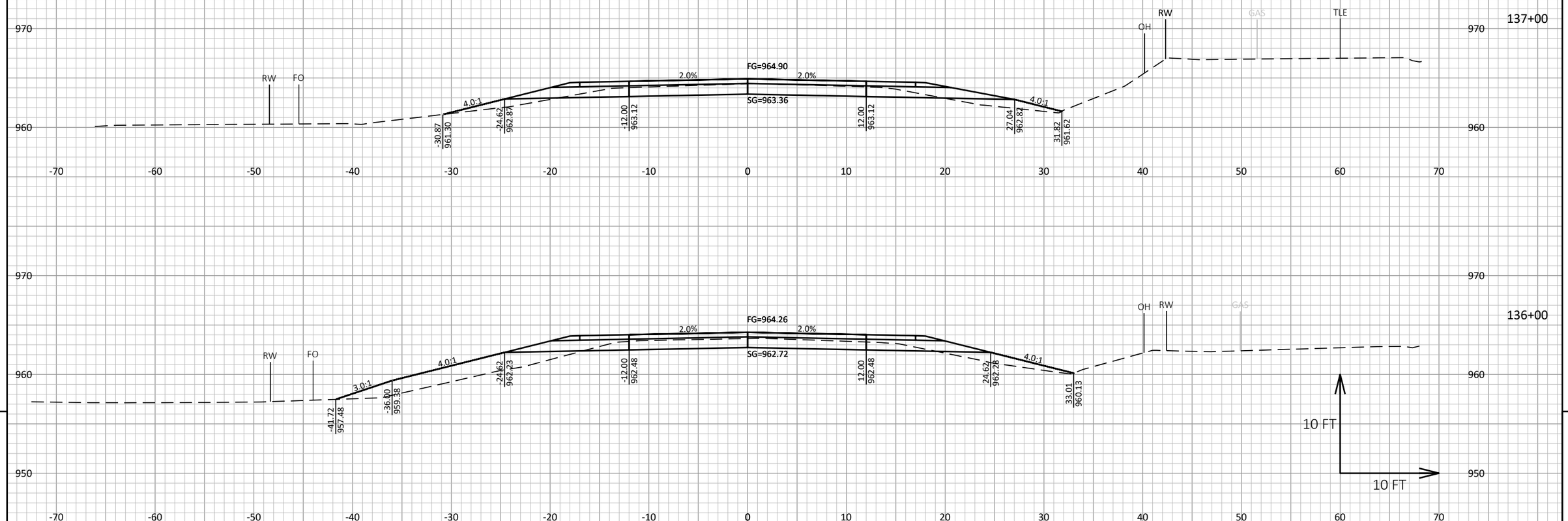
PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :





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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 299	E

FILE NAME :

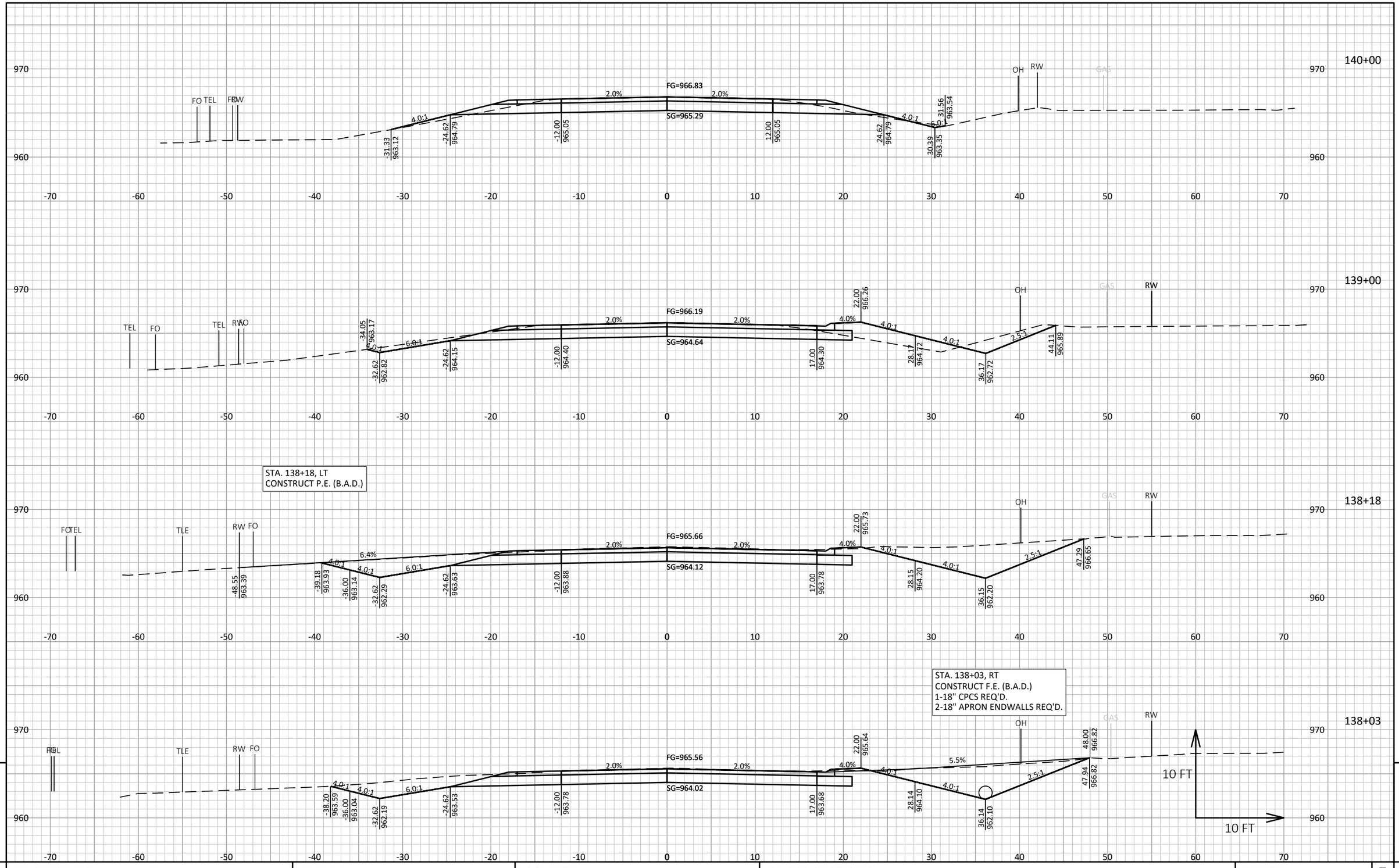
LAYOUT NAME - CTH P 068

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 300	E

FILE NAME :

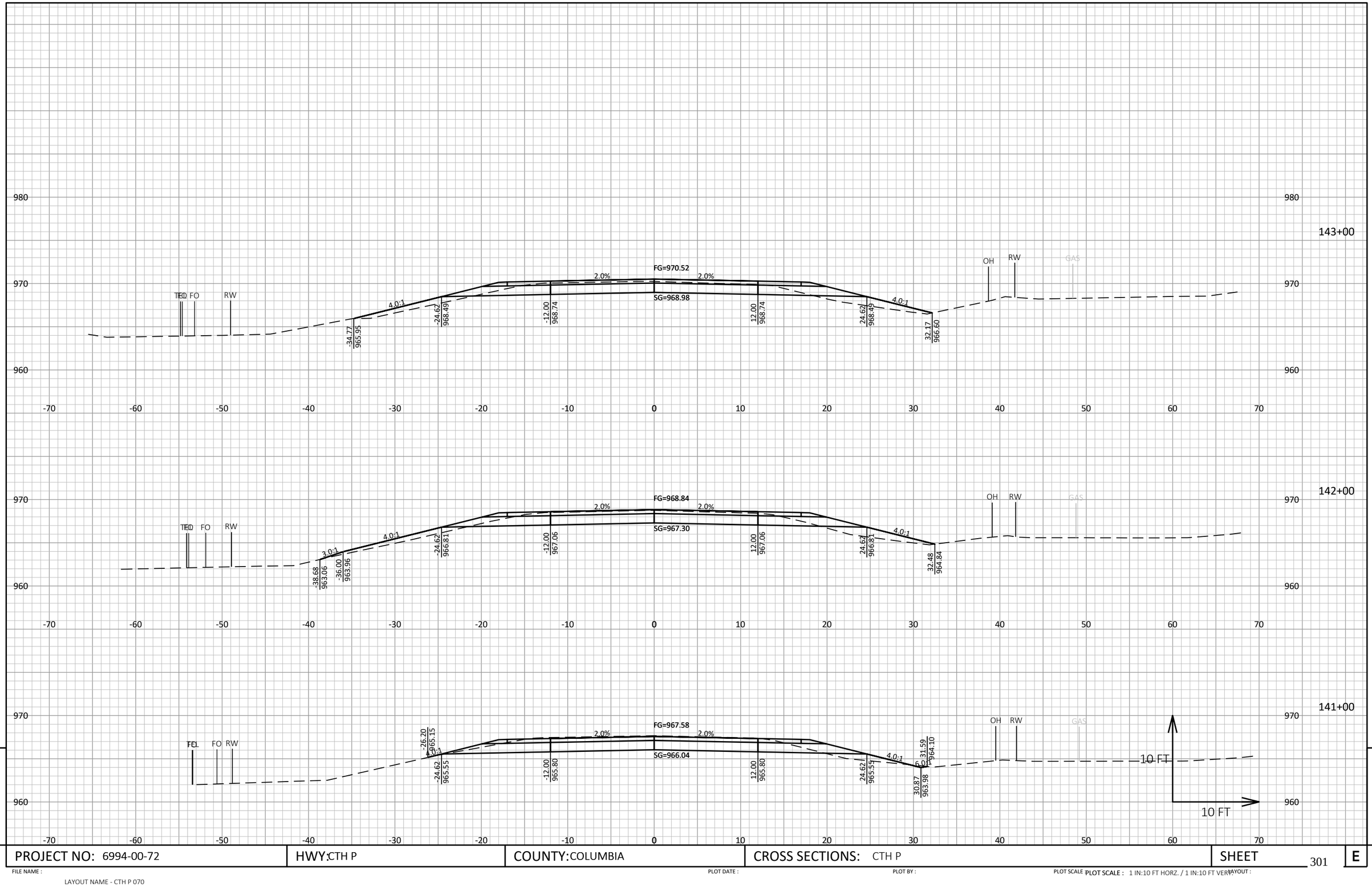
LAYOUT NAME - CTH P 069

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 301	E

FILE NAME :

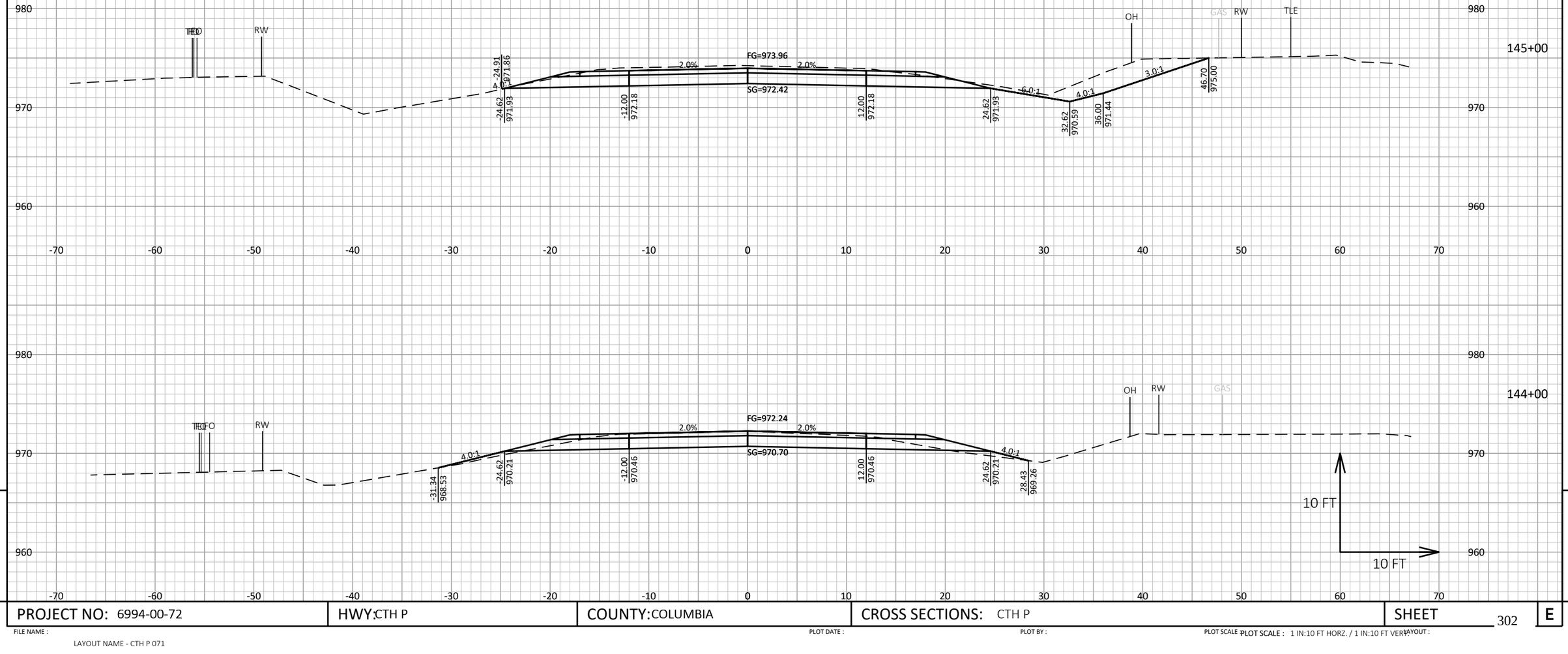
LAYOUT NAME - CTH P 070

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 302	E

FILE NAME :

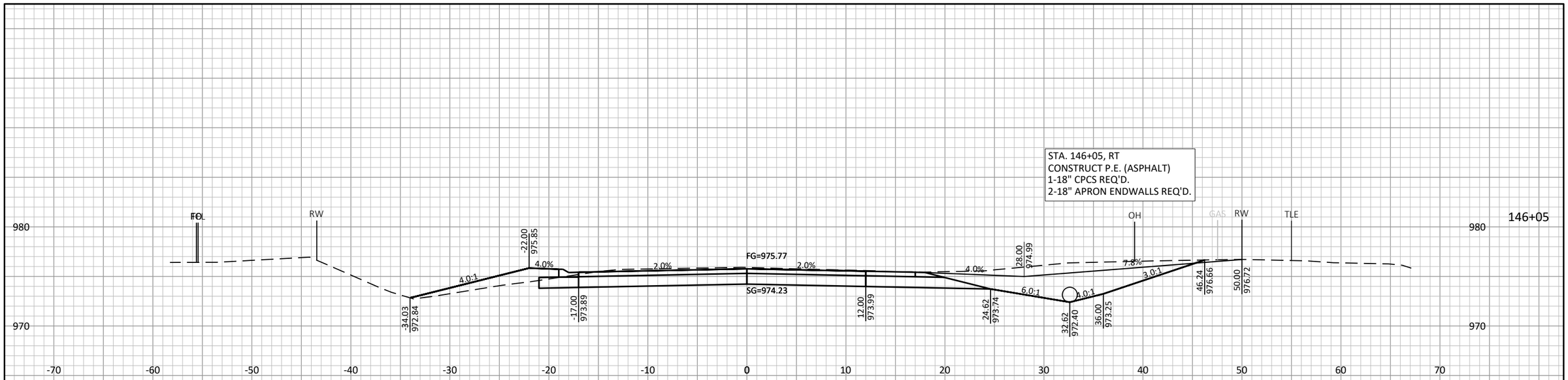
LAYOUT NAME - CTH P 071

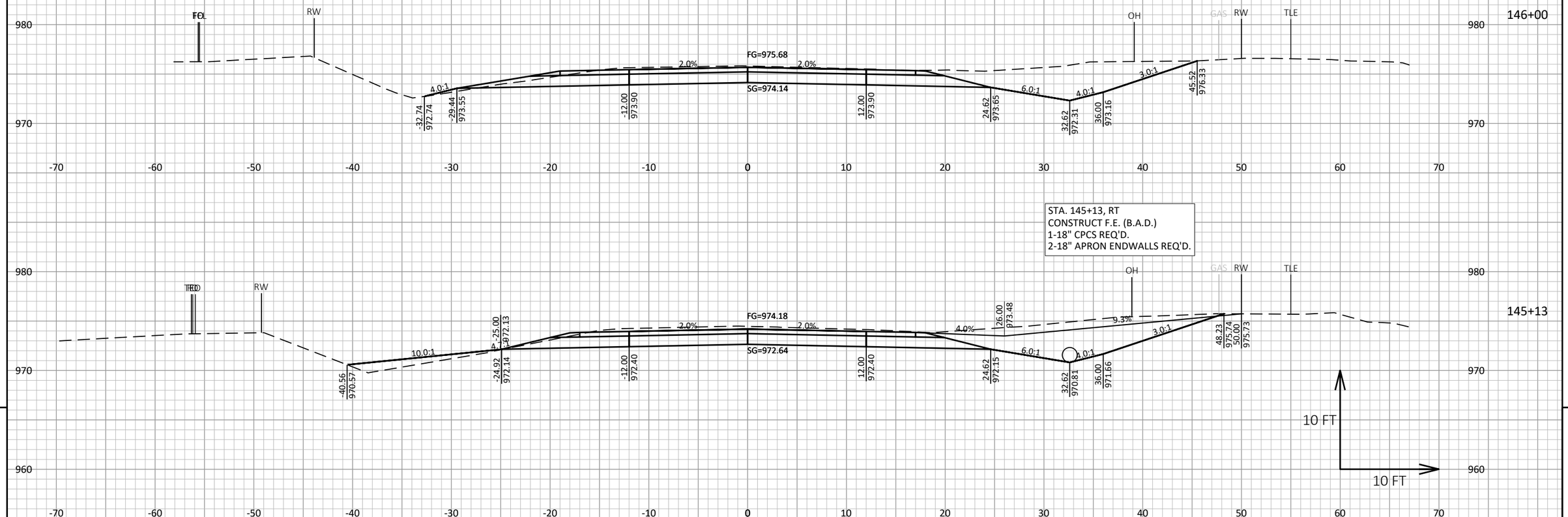
PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :





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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 303	E

FILE NAME :

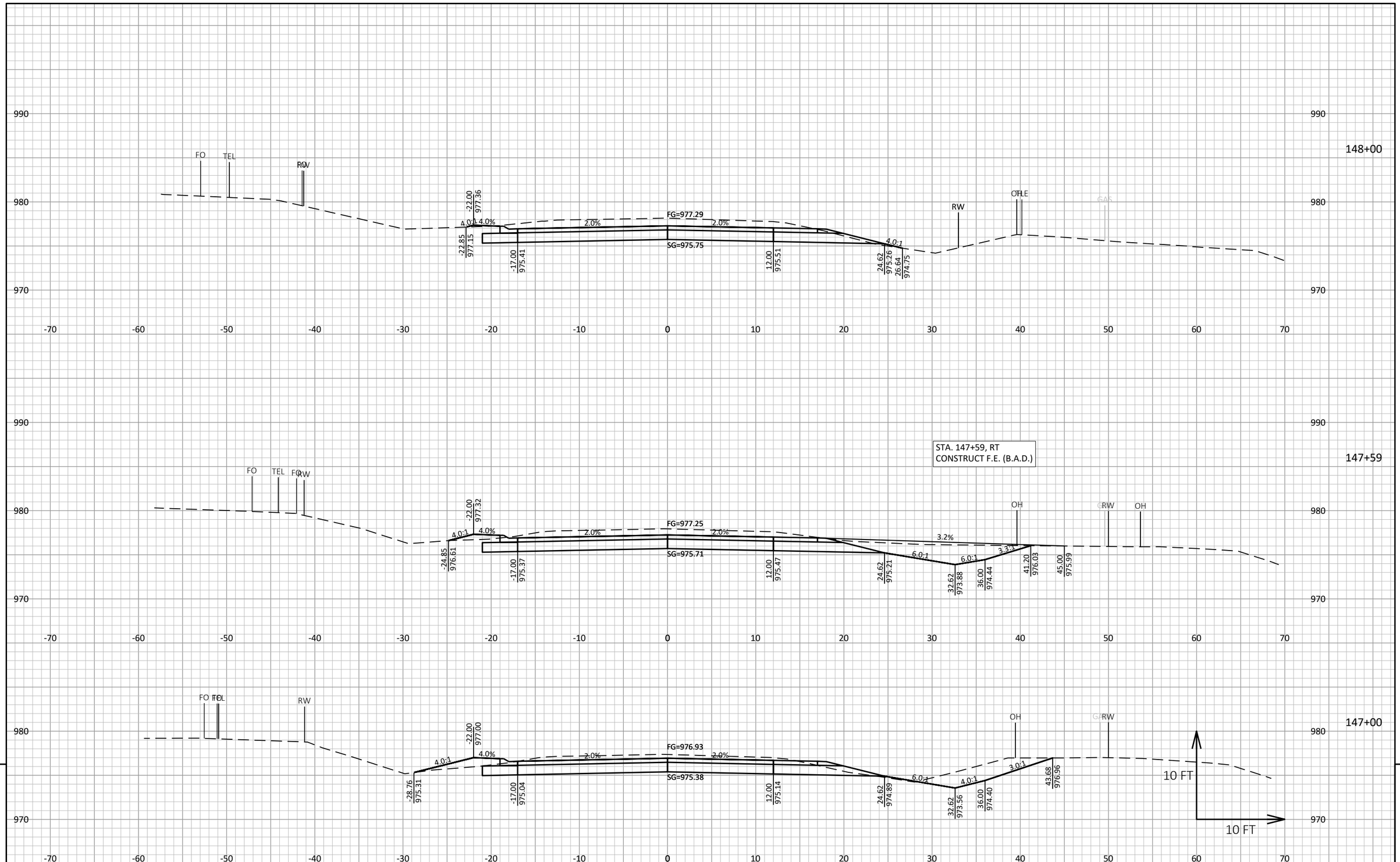
LAYOUT NAME - CTH P 072

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 304	E

FILE NAME :

LAYOUT NAME - CTH P 073

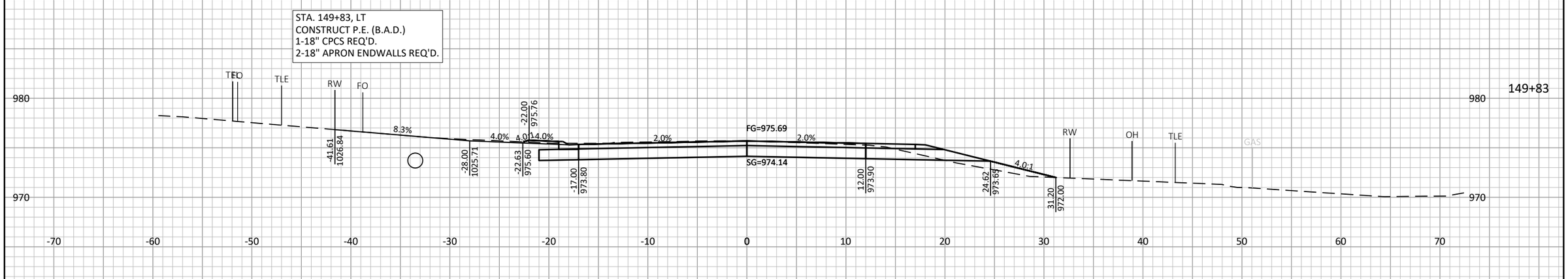
PLOT DATE :

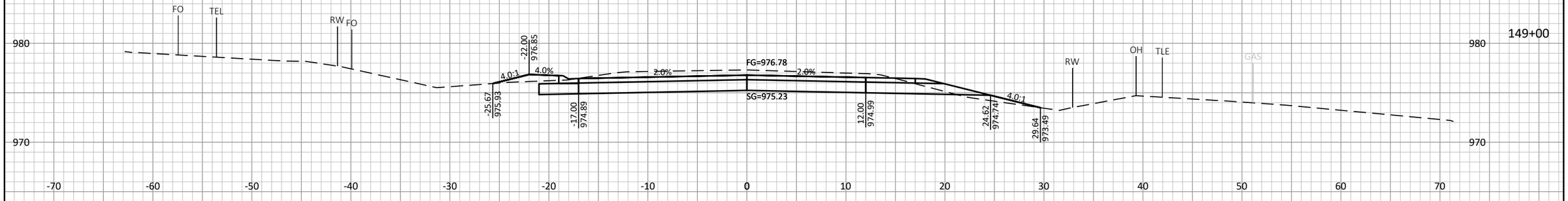
PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

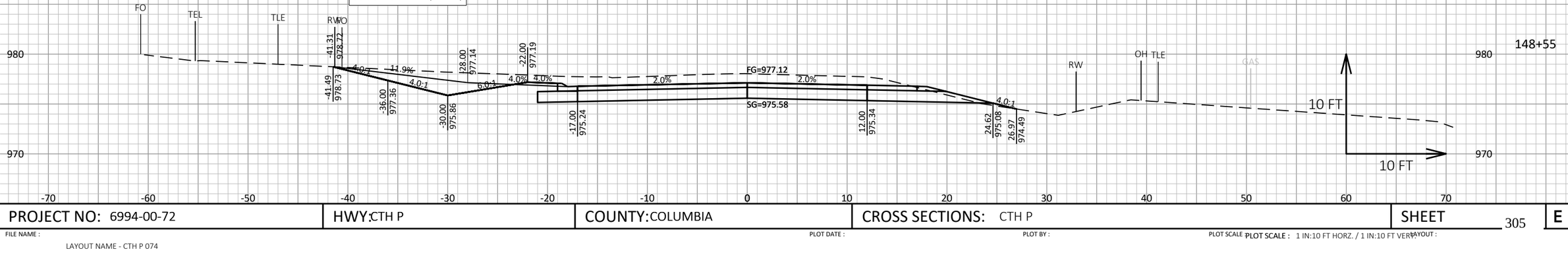
LAYOUT :

STA. 149+83, LT
CONSTRUCT P.E. (B.A.D.)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.





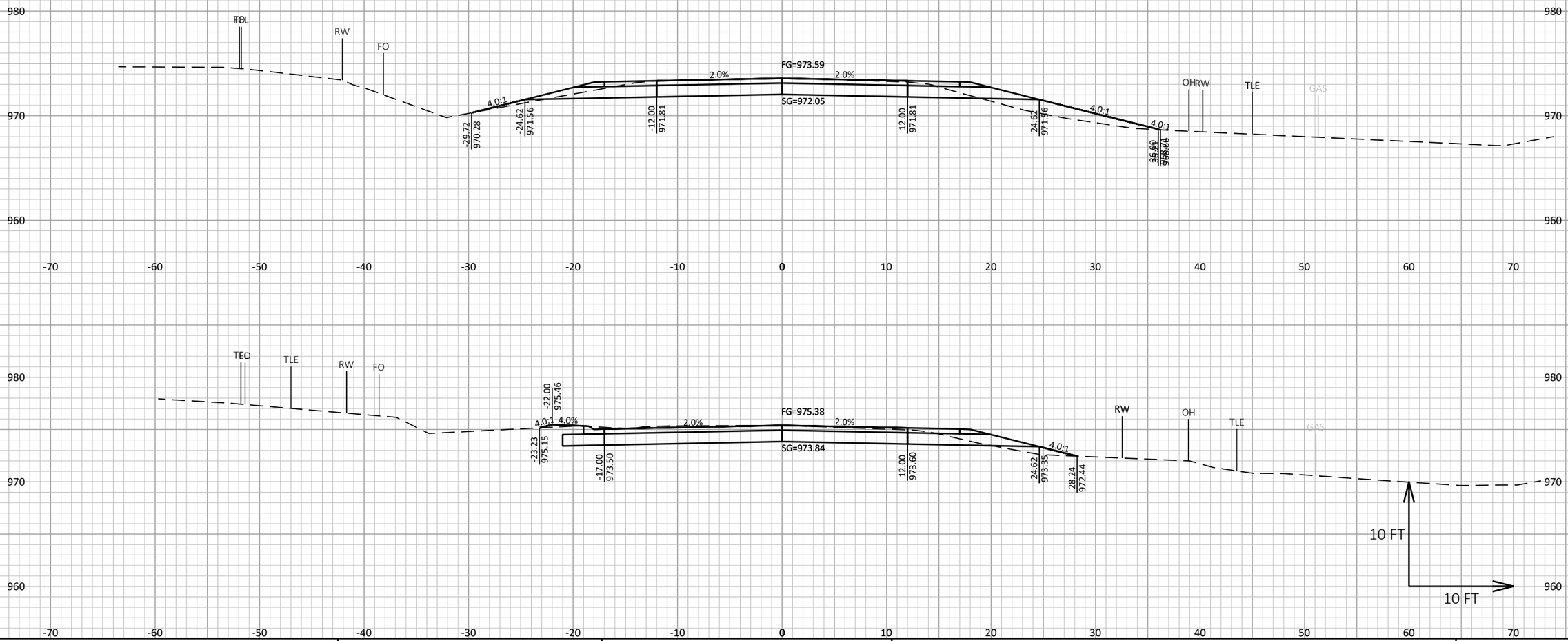
STA. 148+55, LT
CONSTRUCT P.E. (B.A.D.)



9 9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 305	E

FILE NAME :
LAYOUT NAME - CTH P 074
PLOT DATE :
PLOT BY :
PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 306	E

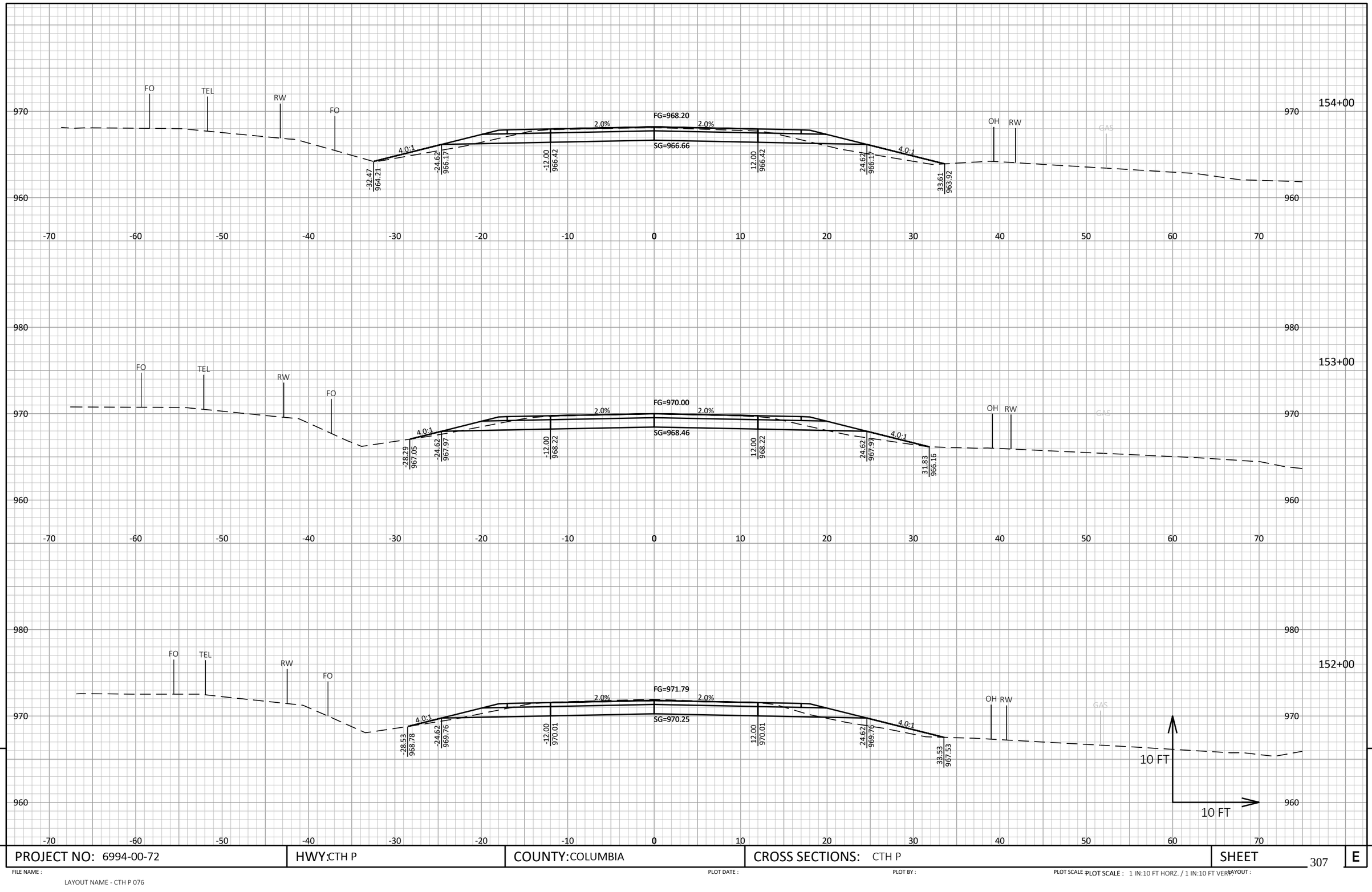
FILE NAME : LAYOUT NAME - CTH P 075

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 307	E

FILE NAME :

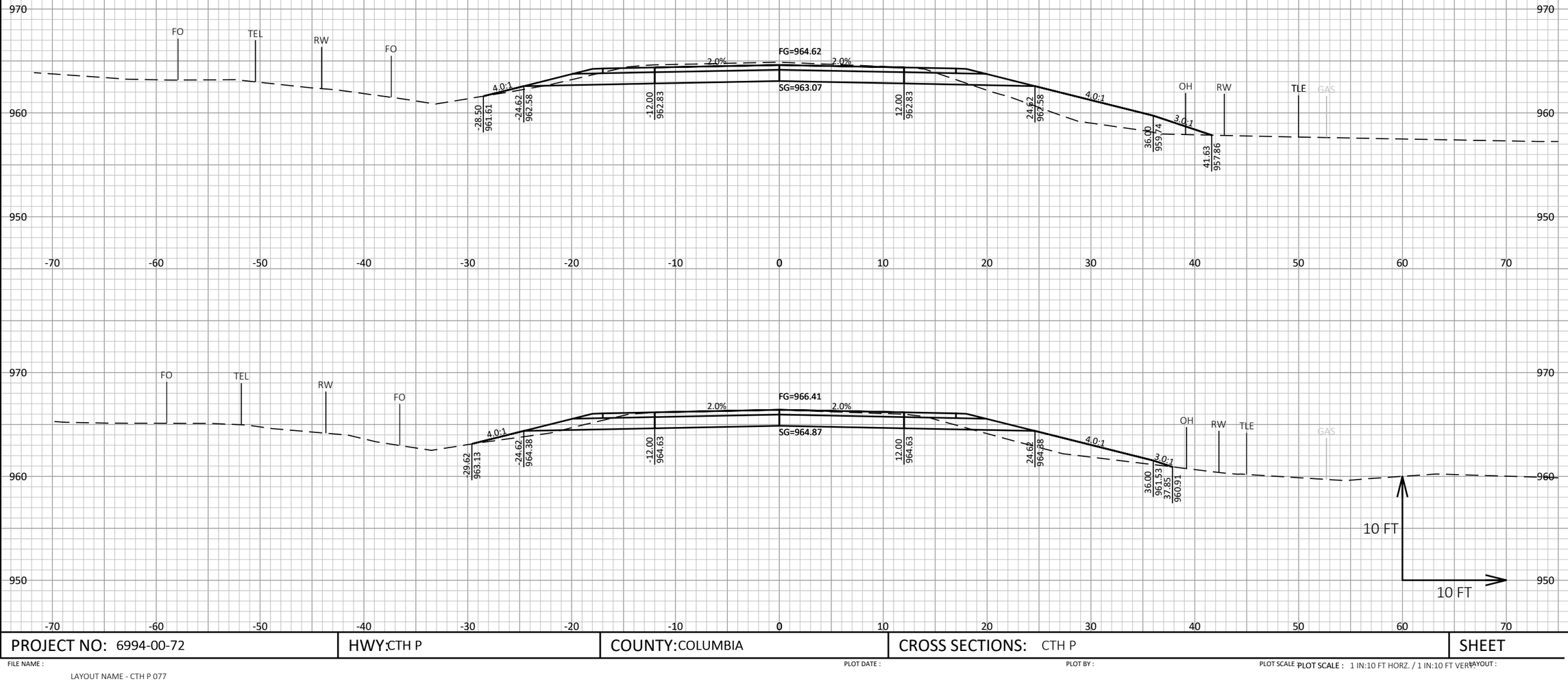
LAYOUT NAME - CTH P 076

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 308	E

FILE NAME :

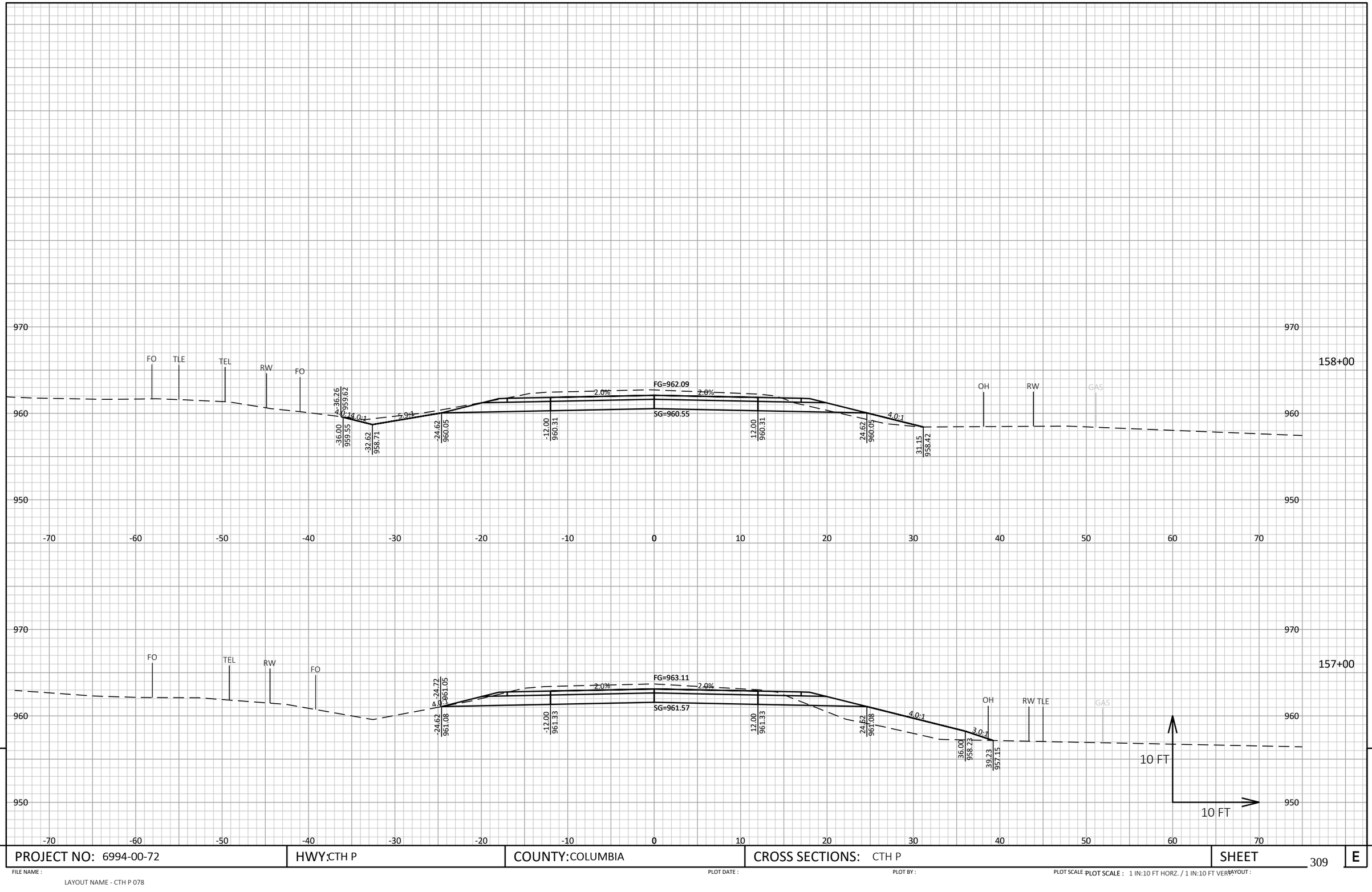
LAYOUT NAME - CTH P 077

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 309	E

FILE NAME :

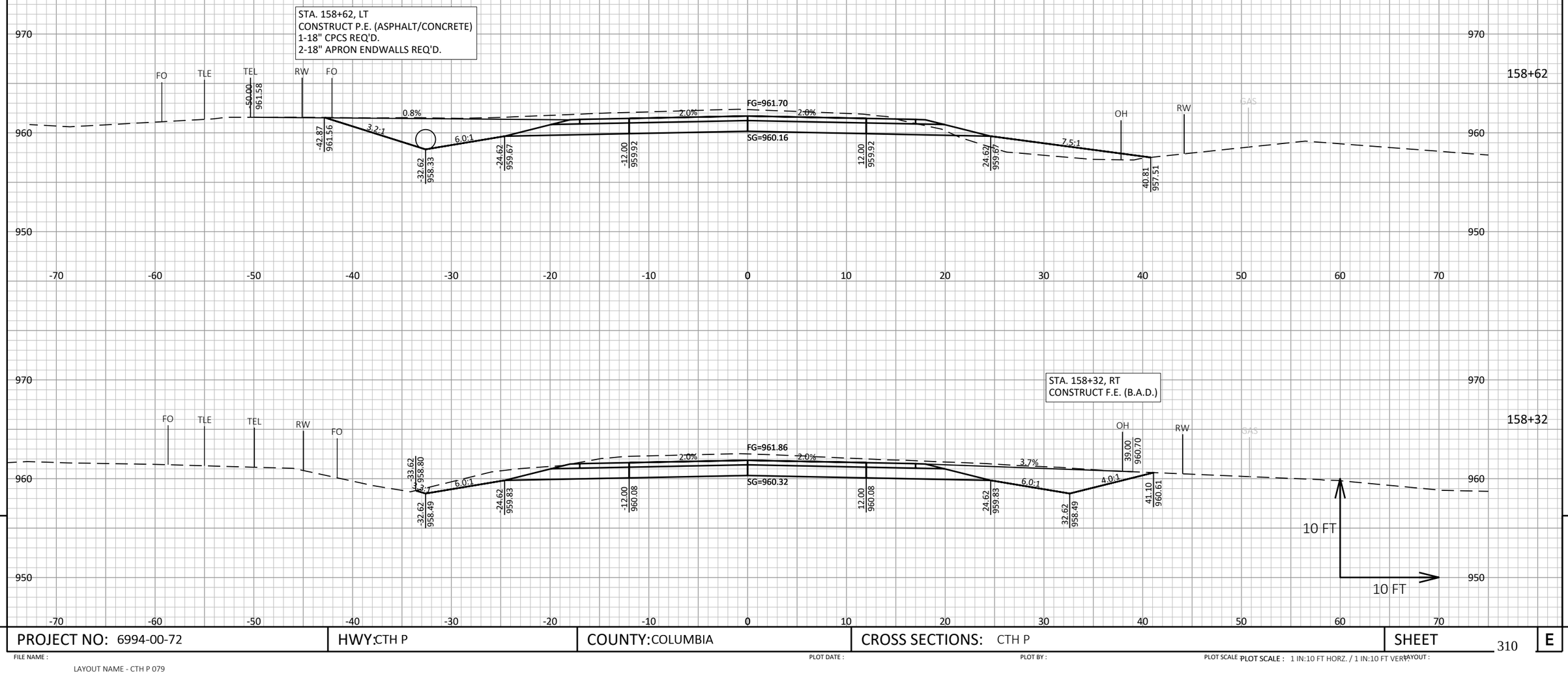
LAYOUT NAME - CTH P 078

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 310	E

FILE NAME :

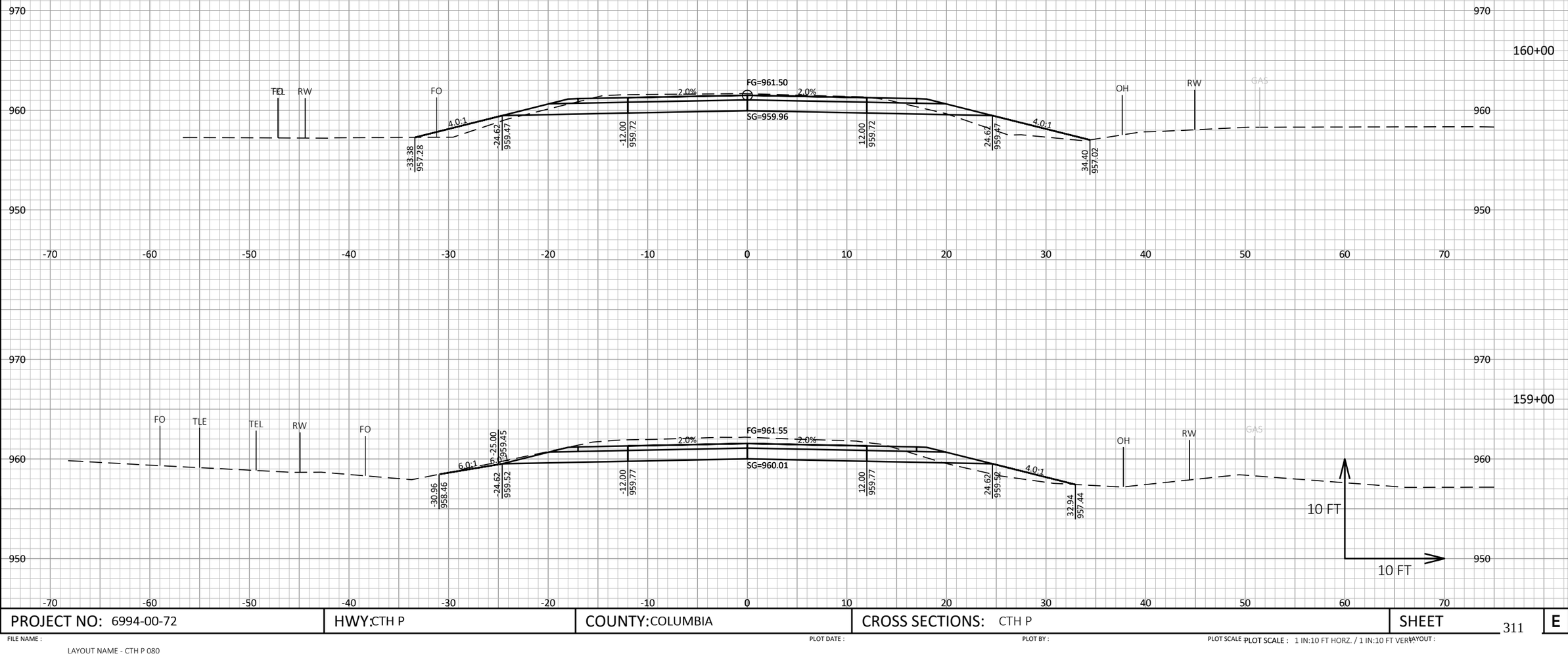
LAYOUT NAME - CTH P 079

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME :

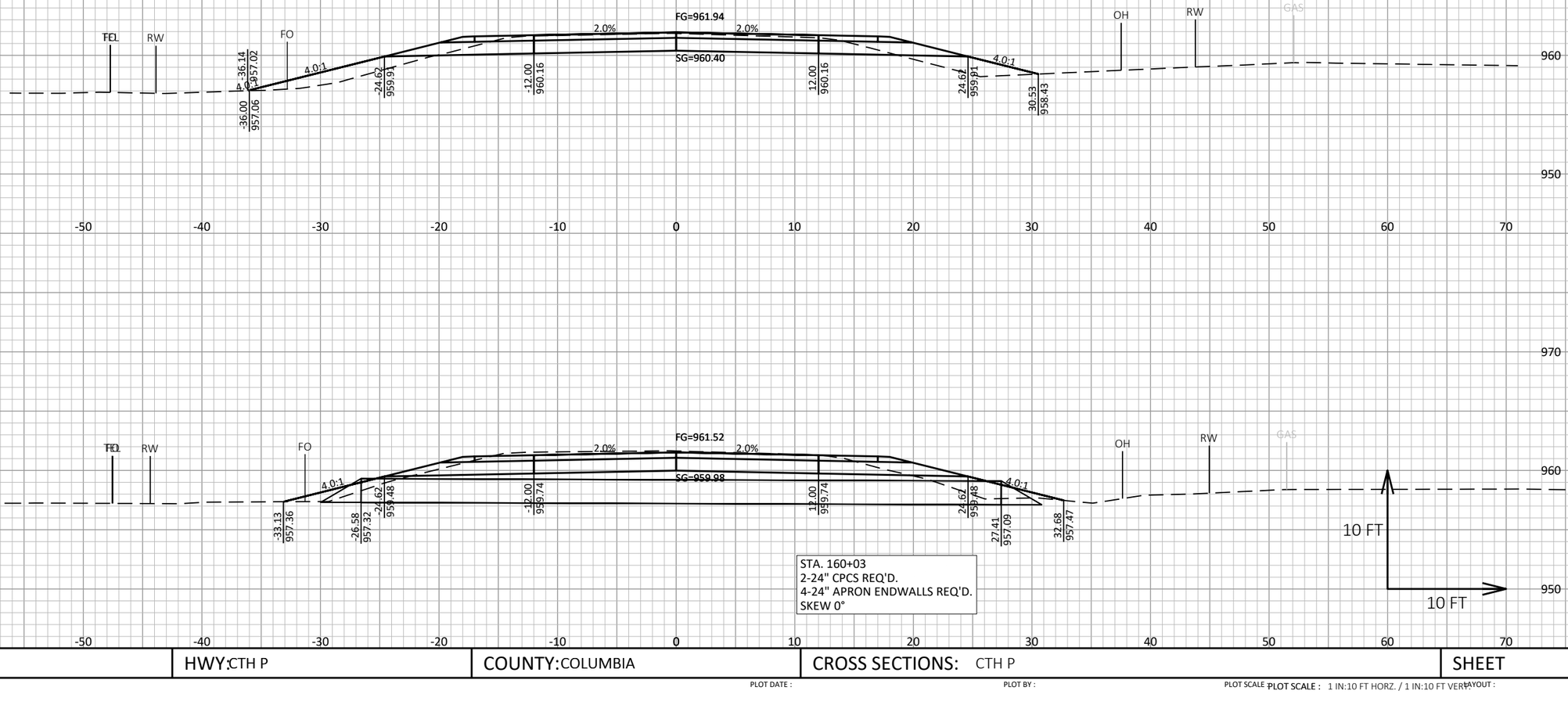
LAYOUT NAME - CTH P 080

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 312	E

FILE NAME :

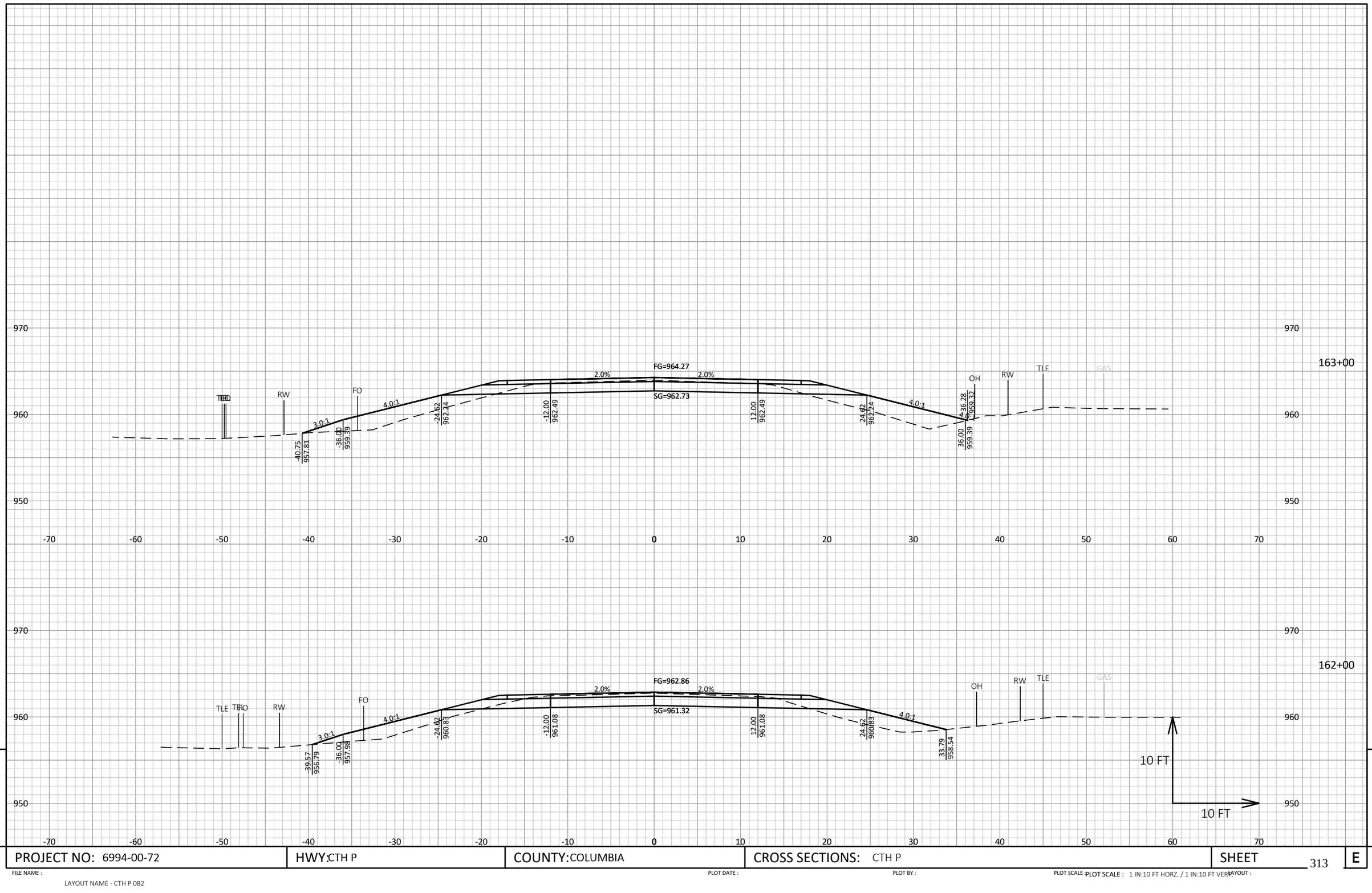
LAYOUT NAME - CTH P 081

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 313	E

FILE NAME :

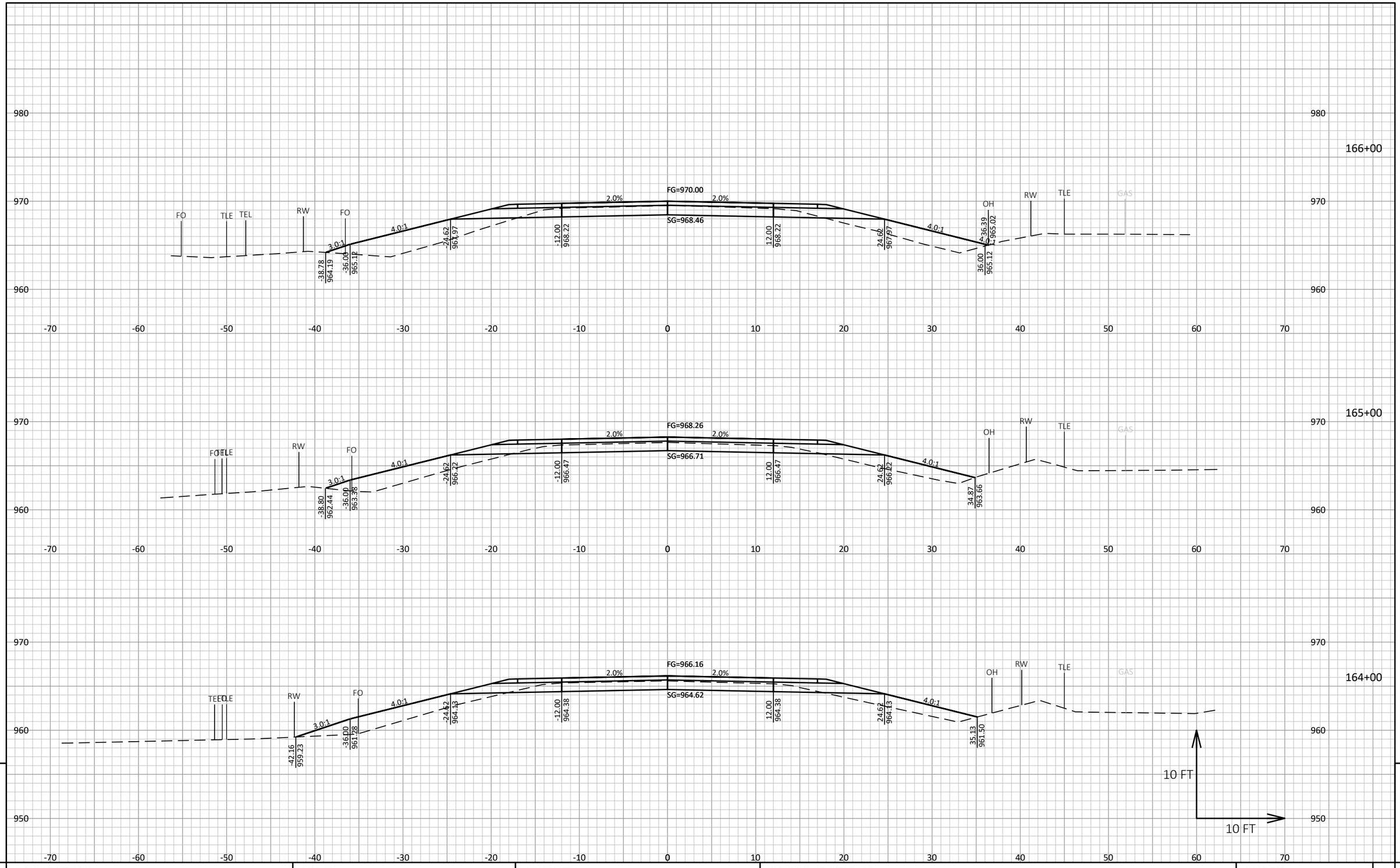
LAYOUT NAME - CTH P 082

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9	PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 314 E 9

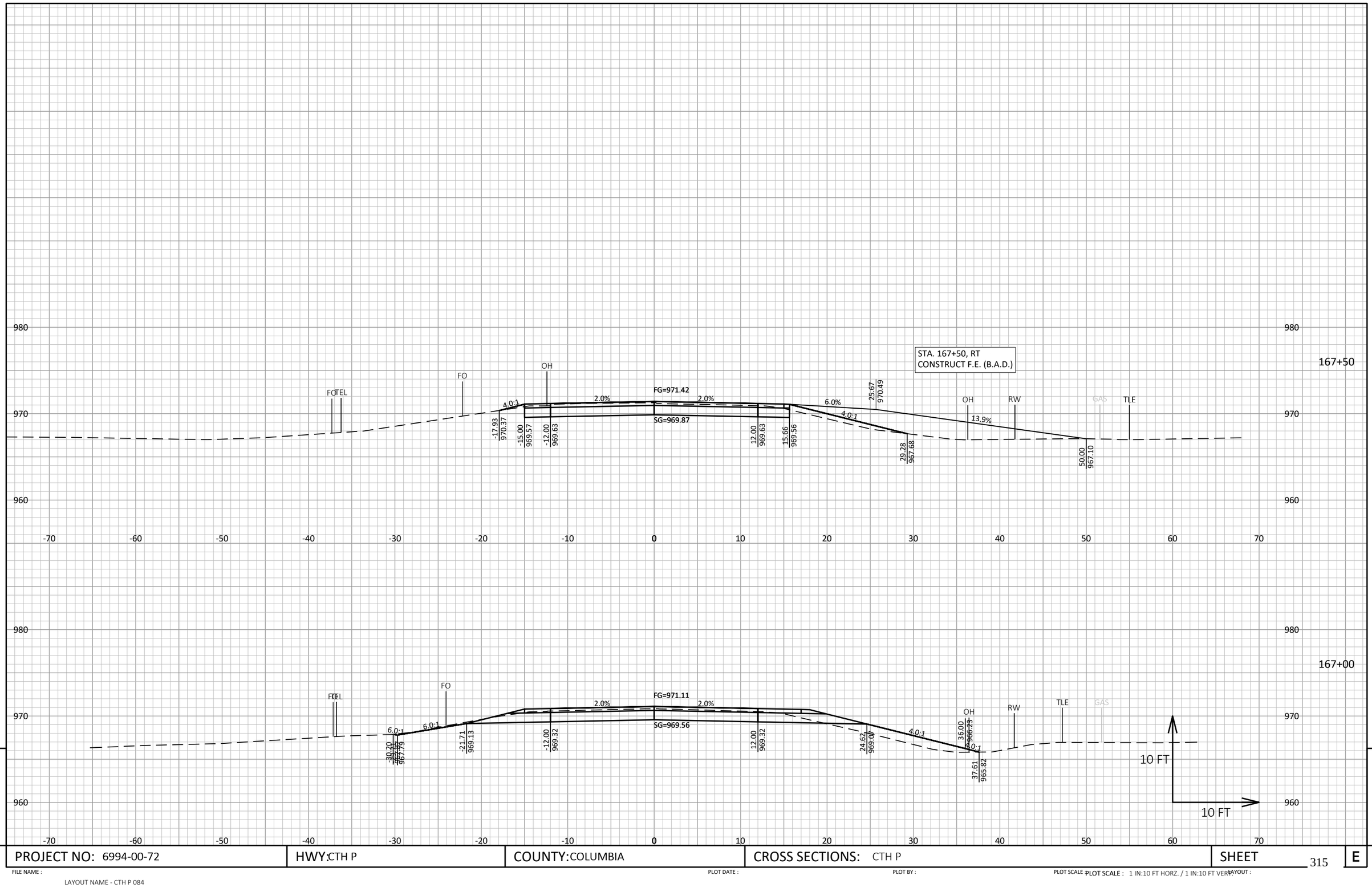
FILE NAME : LAYOUT NAME - CTH P 083

PLOT DATE :

PLOT BY :

PLOT SCALE : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 315	E

FILE NAME :

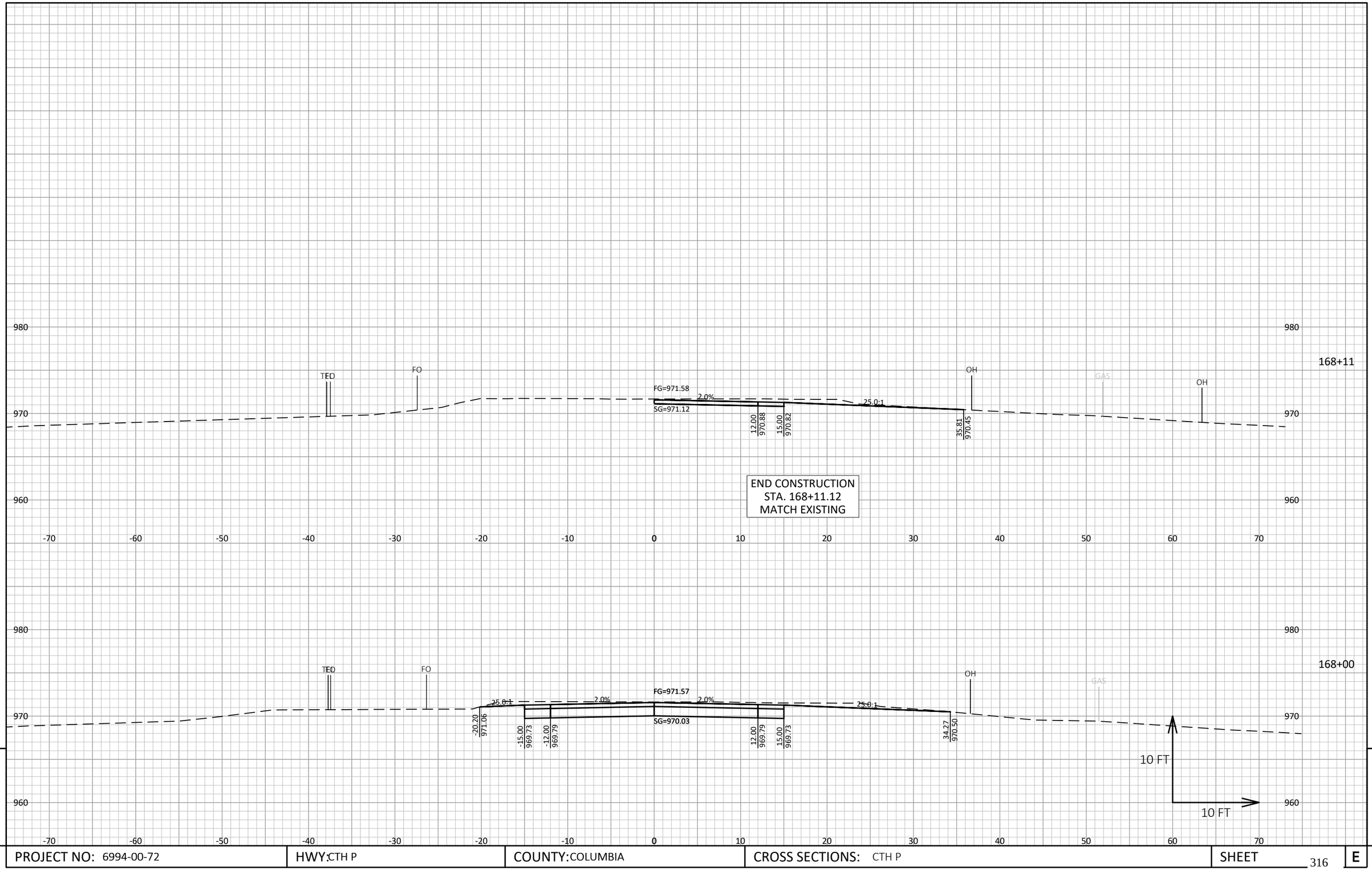
LAYOUT NAME - CTH P 084

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 316	E

FILE NAME :

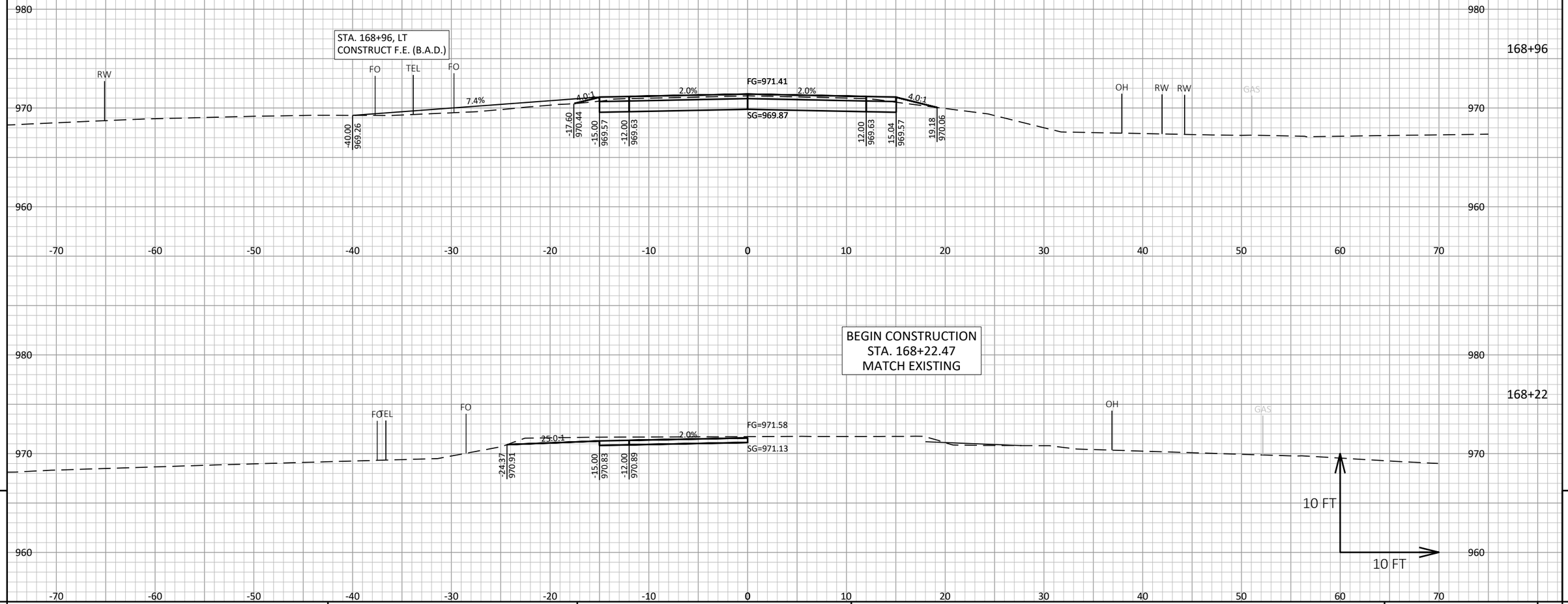
LAYOUT NAME - CTH P 085

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 317	E

FILE NAME :

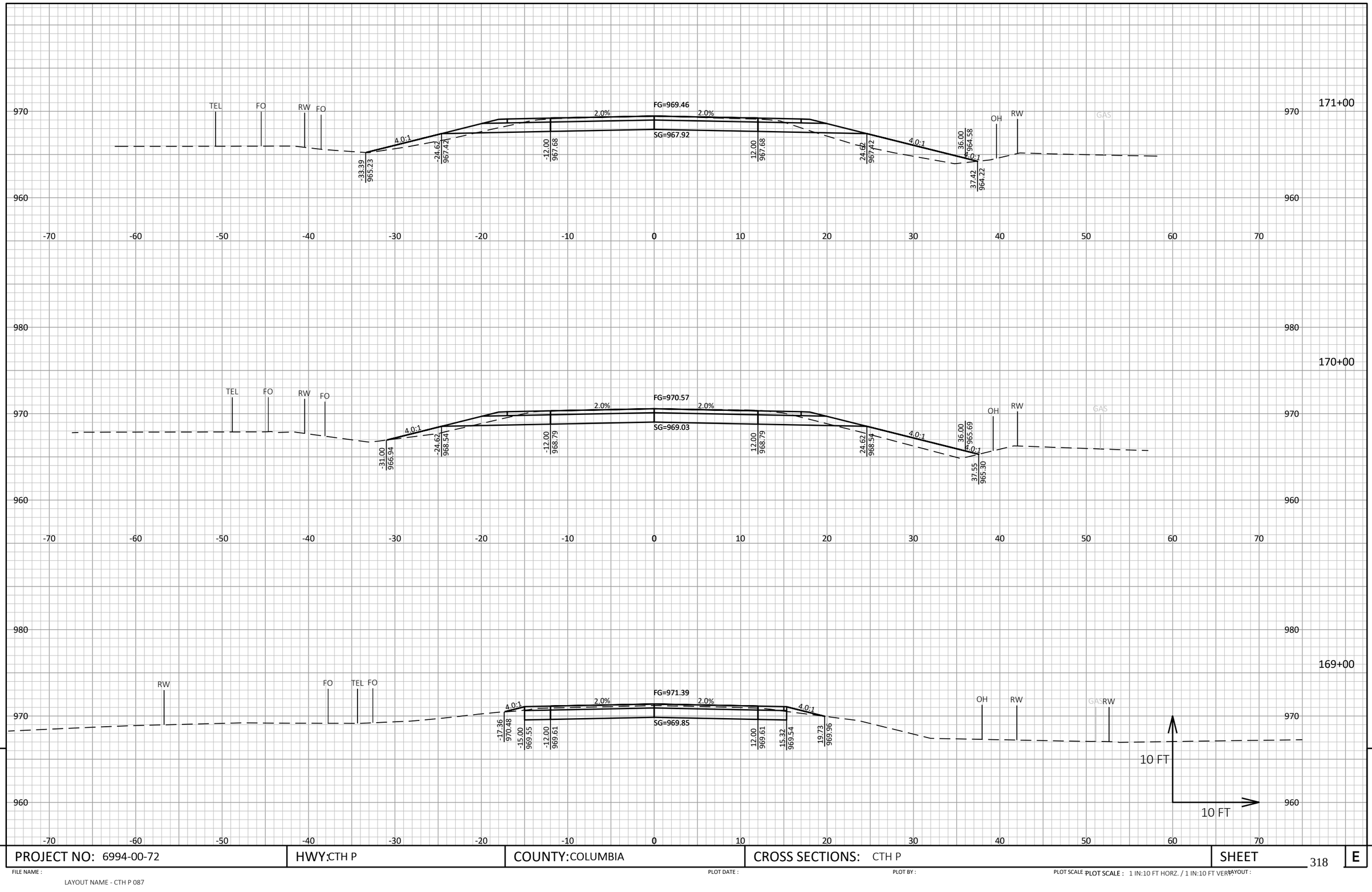
LAYOUT NAME - CTH P 086

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME :

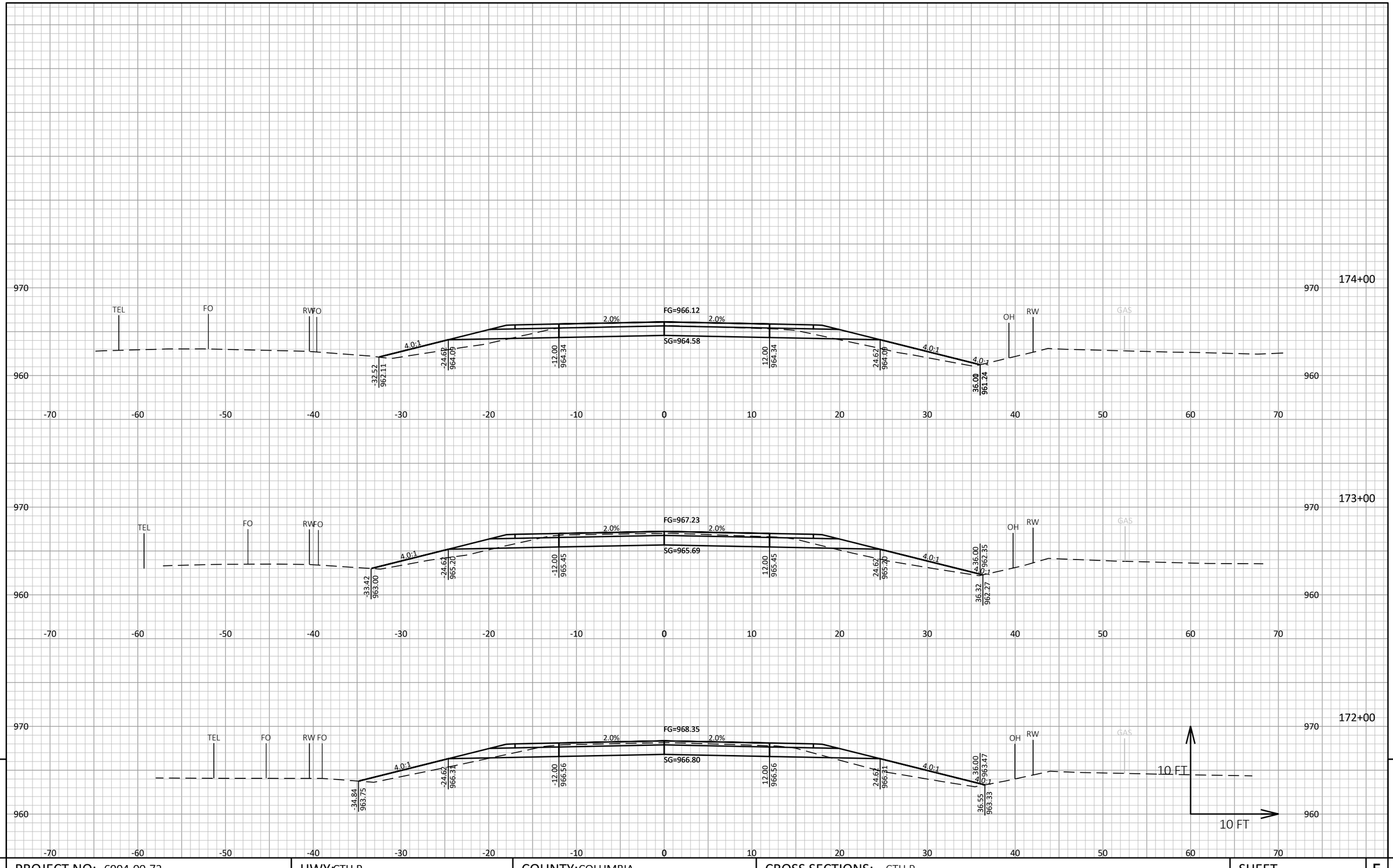
LAYOUT NAME - CTH P 087

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 319	E

FILE NAME :

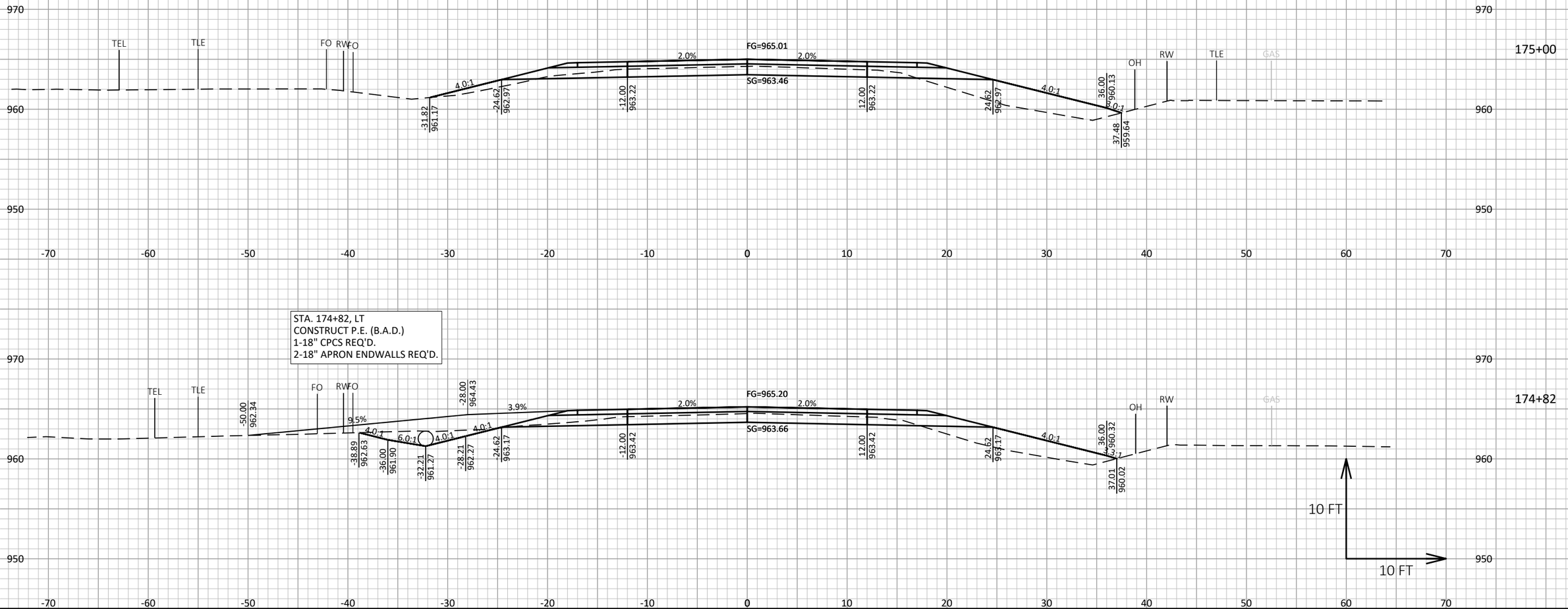
LAYOUT NAME - CTH P 088

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 320	E

FILE NAME :

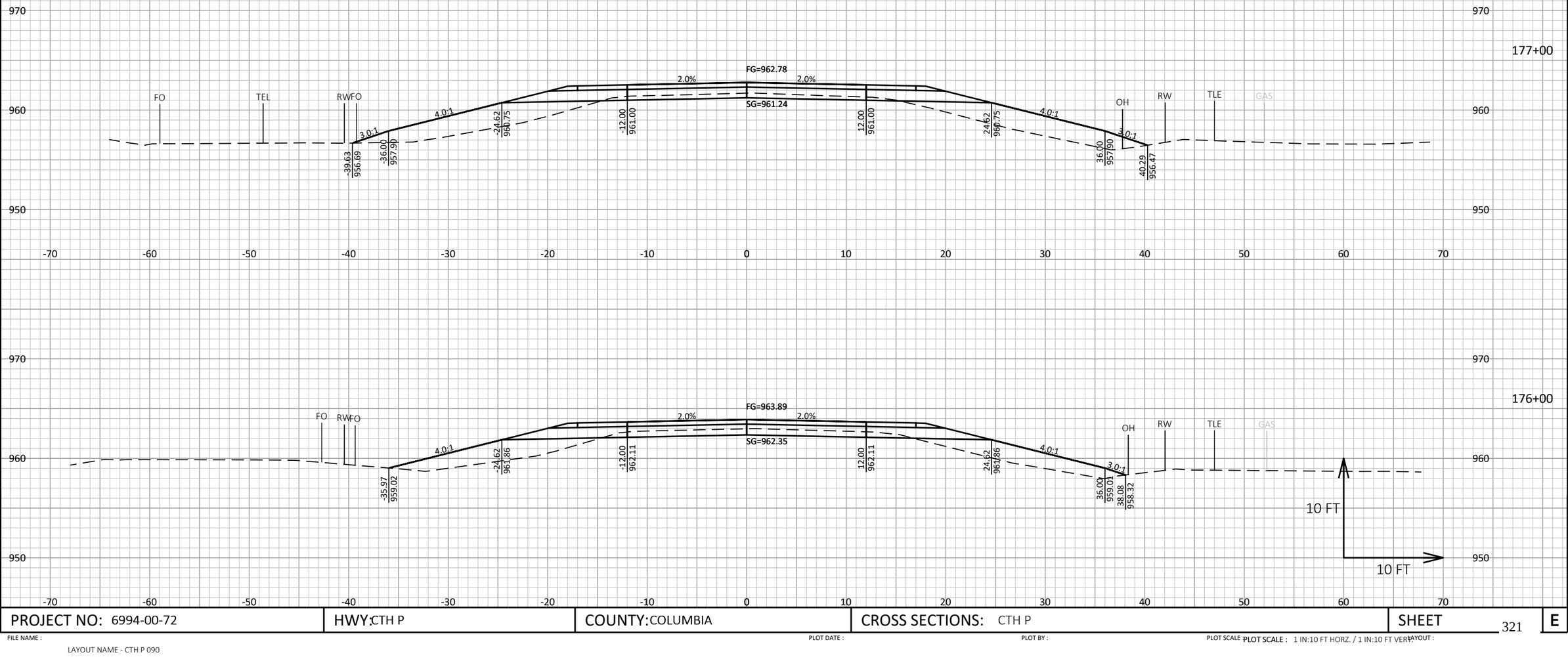
LAYOUT NAME - CTH P 089

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 321	E

FILE NAME :

LAYOUT NAME - CTH P 090

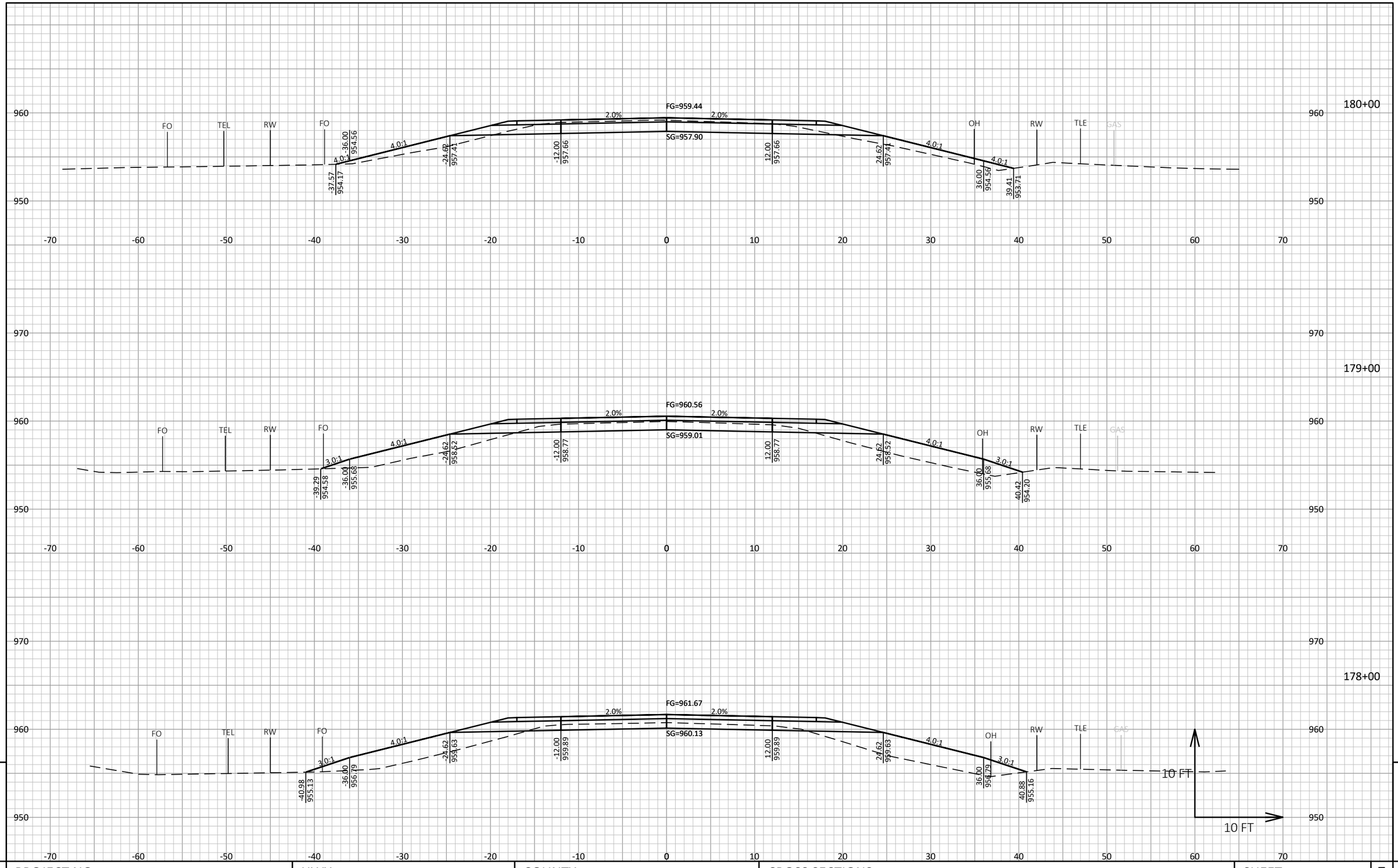
PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

9



9

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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 322	E

FILE NAME :

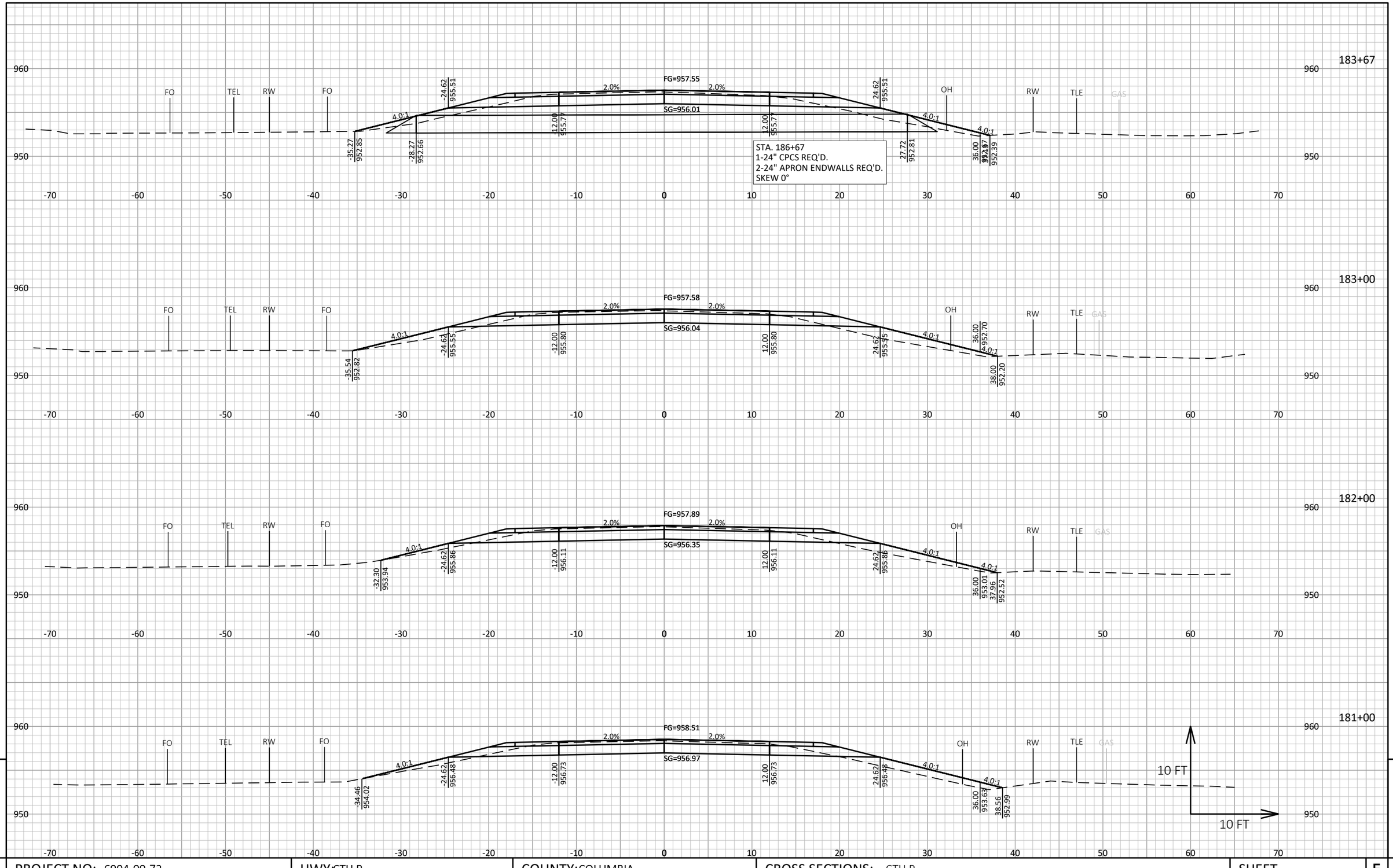
LAYOUT NAME - CTH P 091

PLOT DATE :

PLOT BY :

PLOT SCALE : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 323	E

FILE NAME :

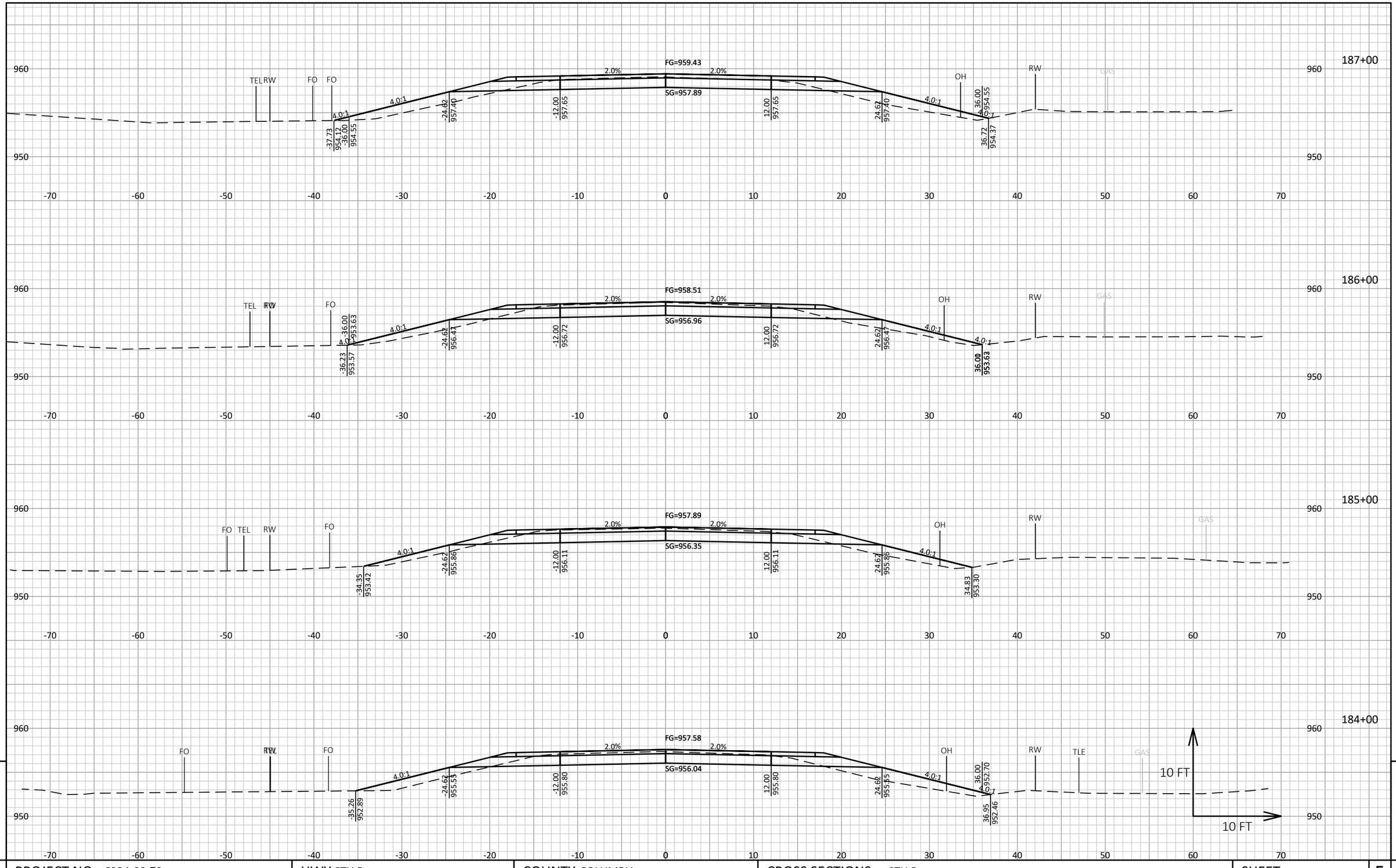
LAYOUT NAME - CTH P 092

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 324	E

FILE NAME :

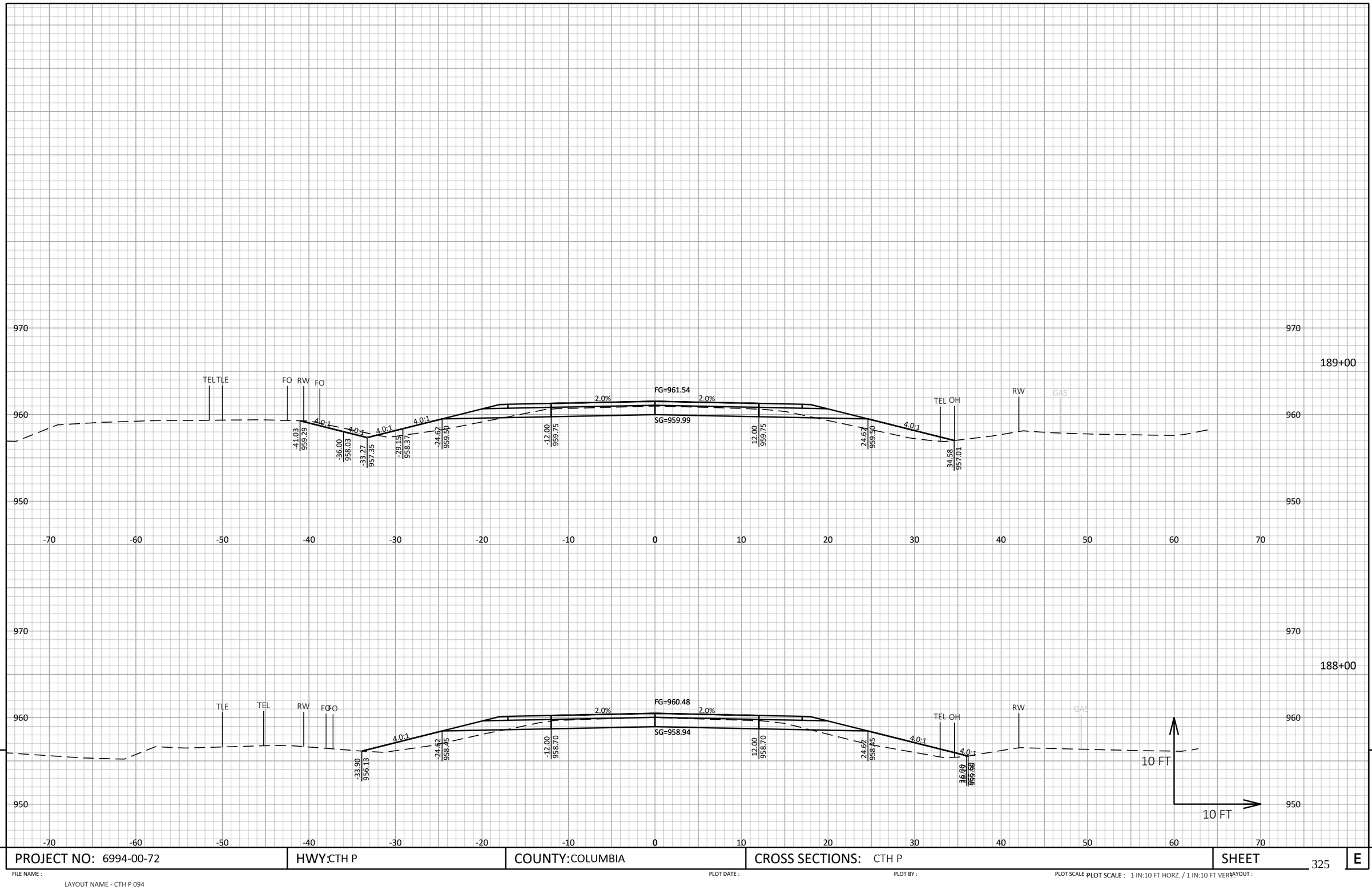
LAYOUT NAME - CTH P 093

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 325	E

FILE NAME :

LAYOUT NAME - CTH P 094

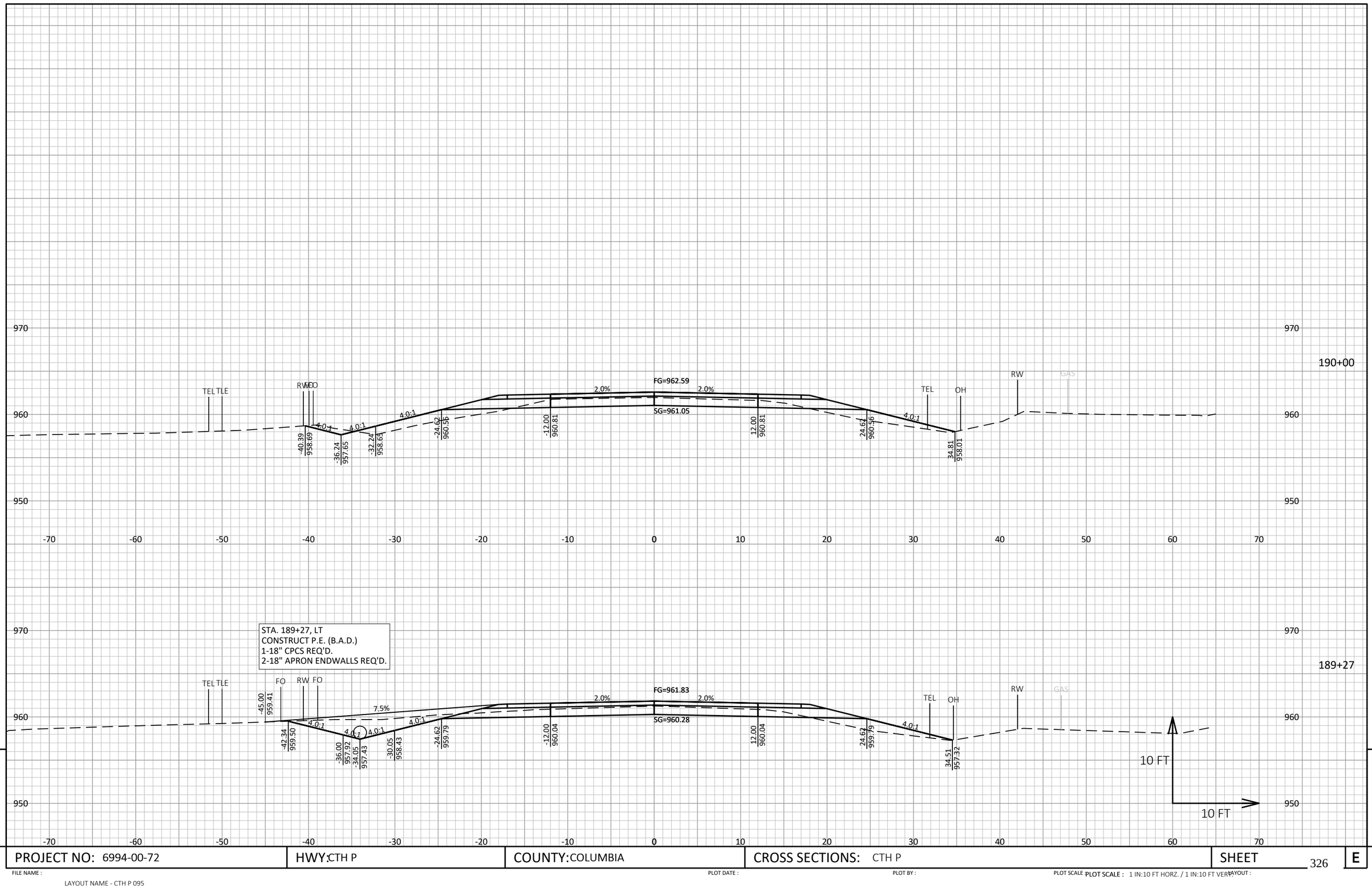
PLOT DATE :

PLOT BY :

PLOT SCALE

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 326	E

FILE NAME :

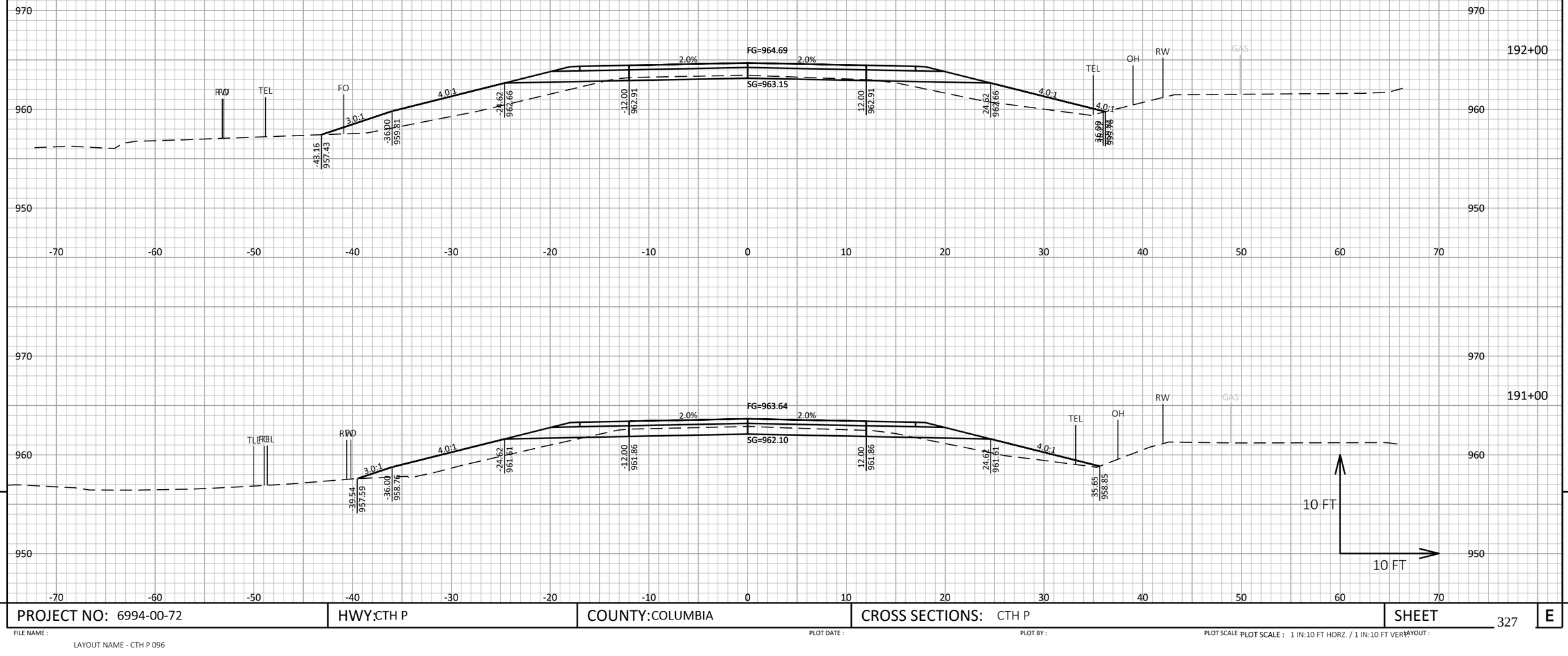
LAYOUT NAME - CTH P 095

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 327	E

FILE NAME :

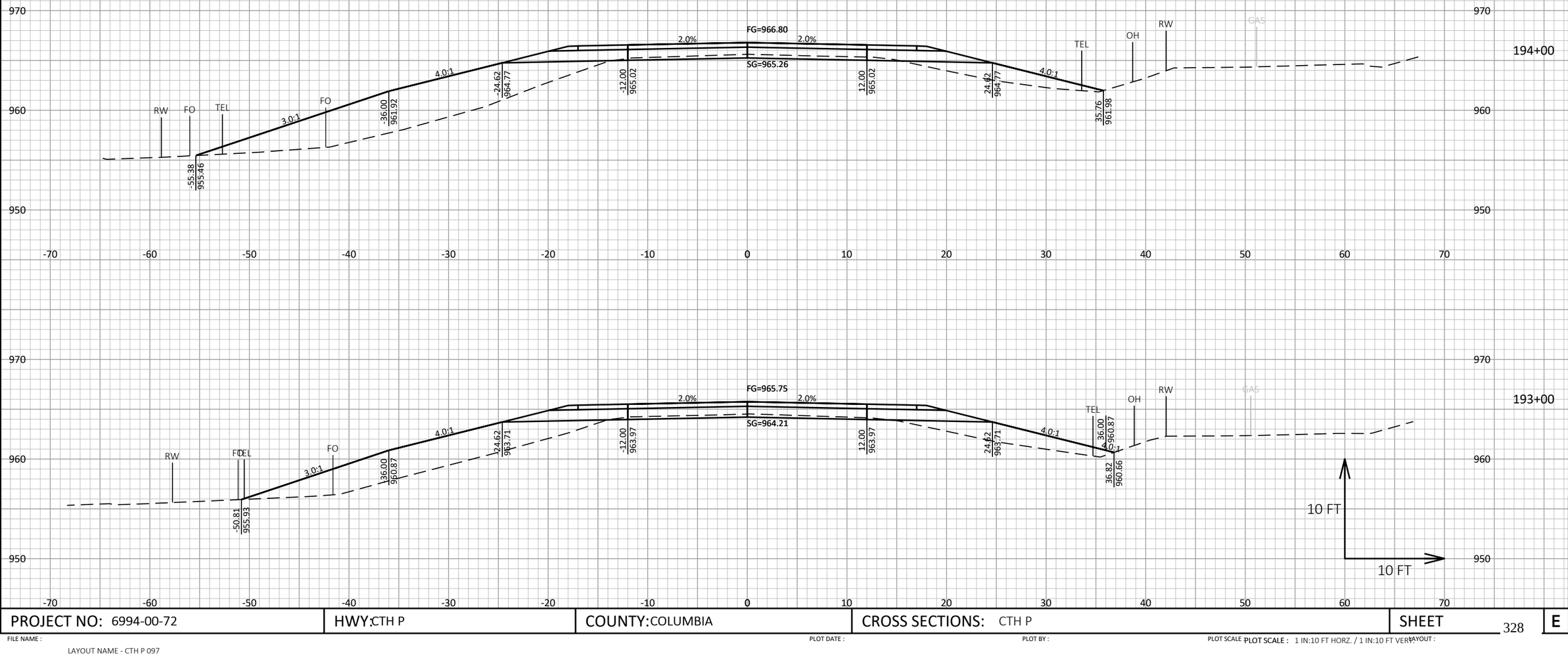
LAYOUT NAME - CTH P 096

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 328	E

FILE NAME :

LAYOUT NAME - CTH P 097

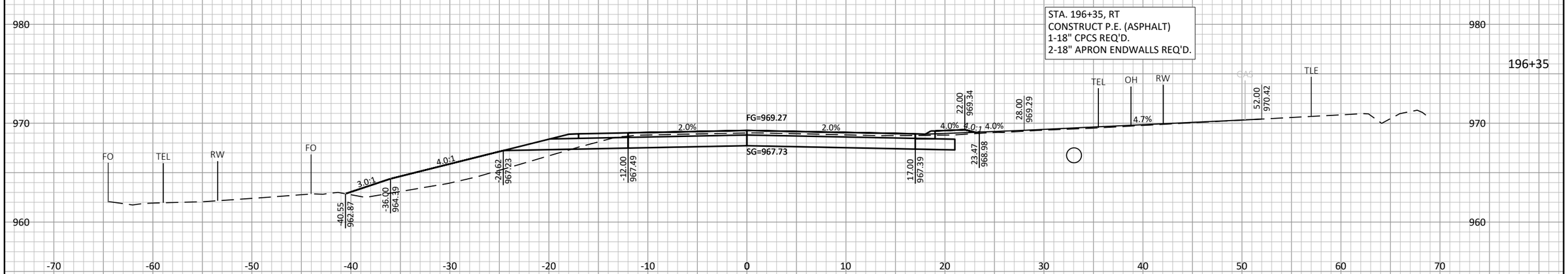
PLOT DATE :

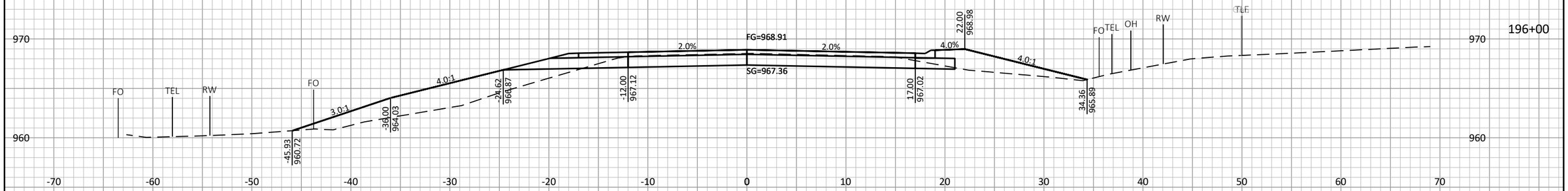
PLOT BY :

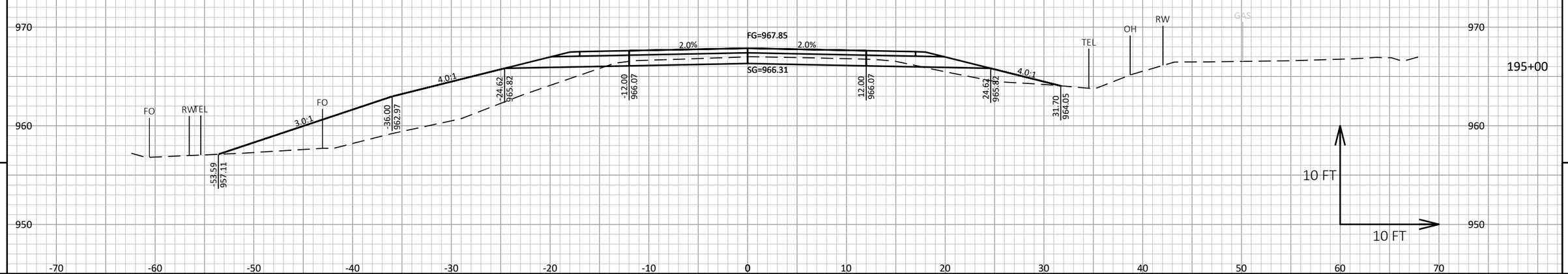
PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

STA. 196+35, RT
CONSTRUCT P.E. (ASPHALT)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.

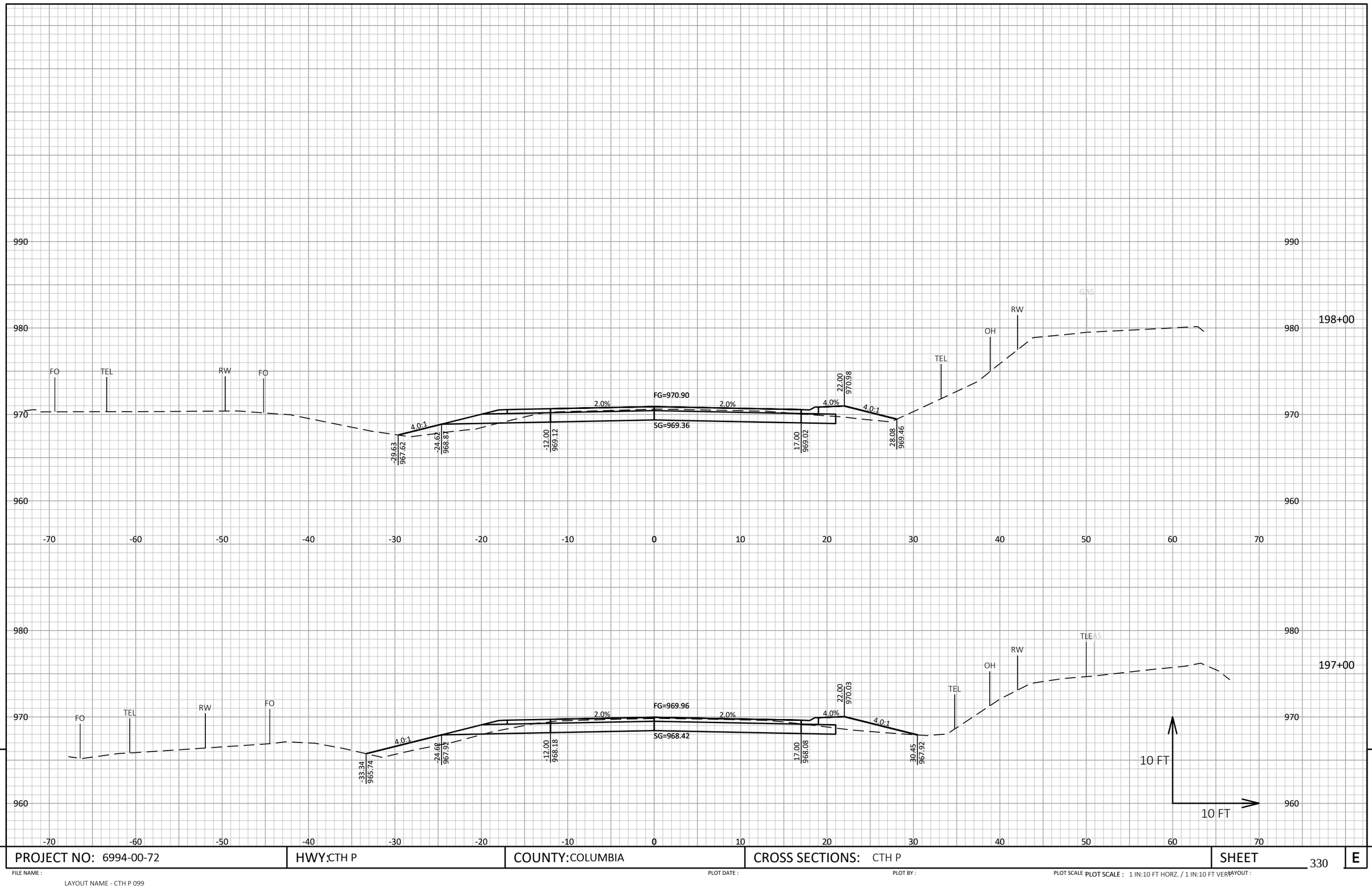






PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 329

FILE NAME :
LAYOUT NAME - CTH P 098
PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 330	E

FILE NAME :

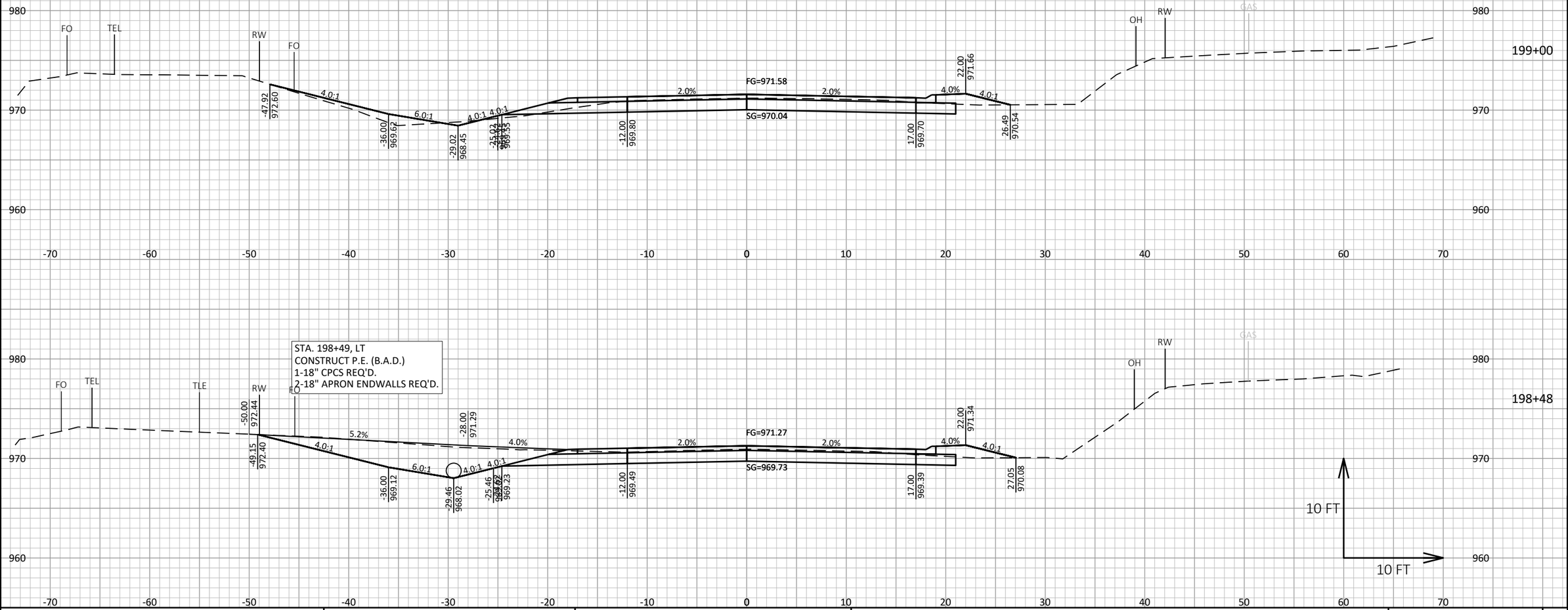
LAYOUT NAME - CTH P 099

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 331	E

FILE NAME :

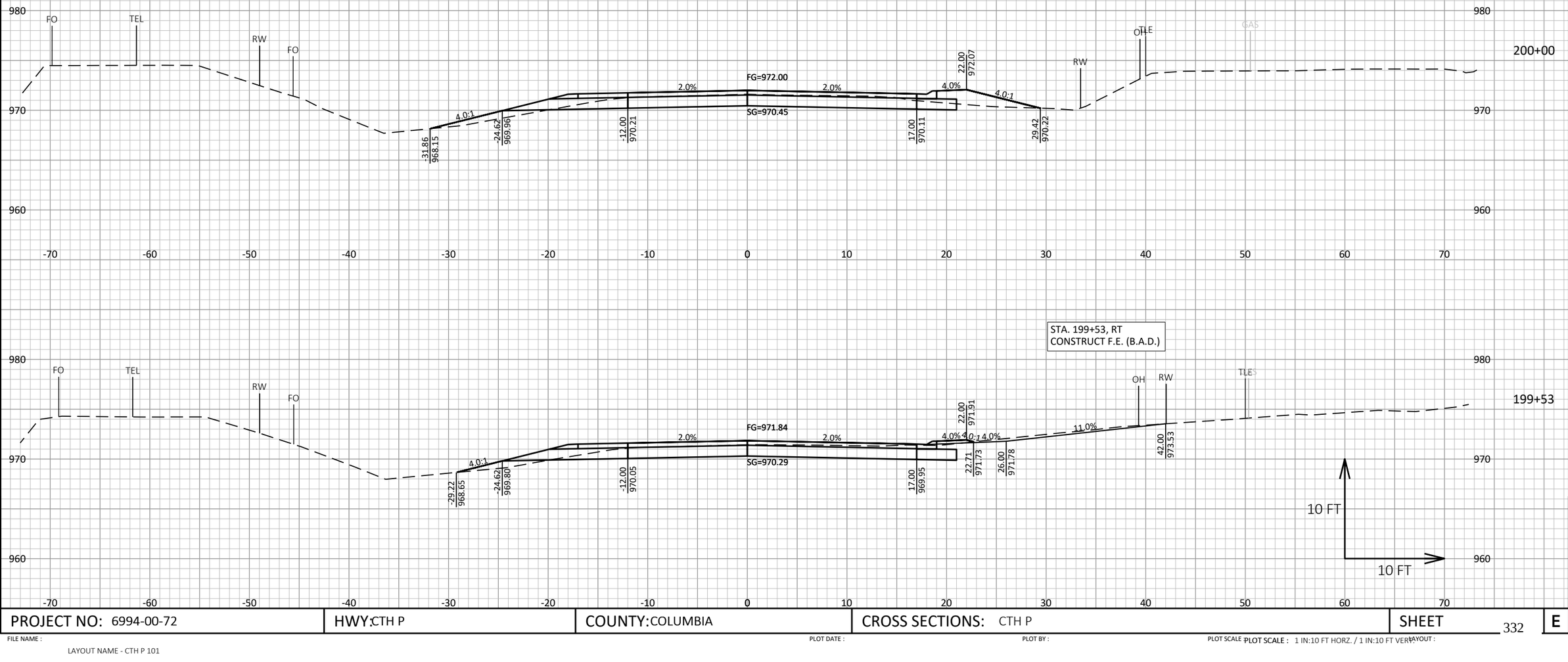
LAYOUT NAME - CTH P 100

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 332	E

FILE NAME :

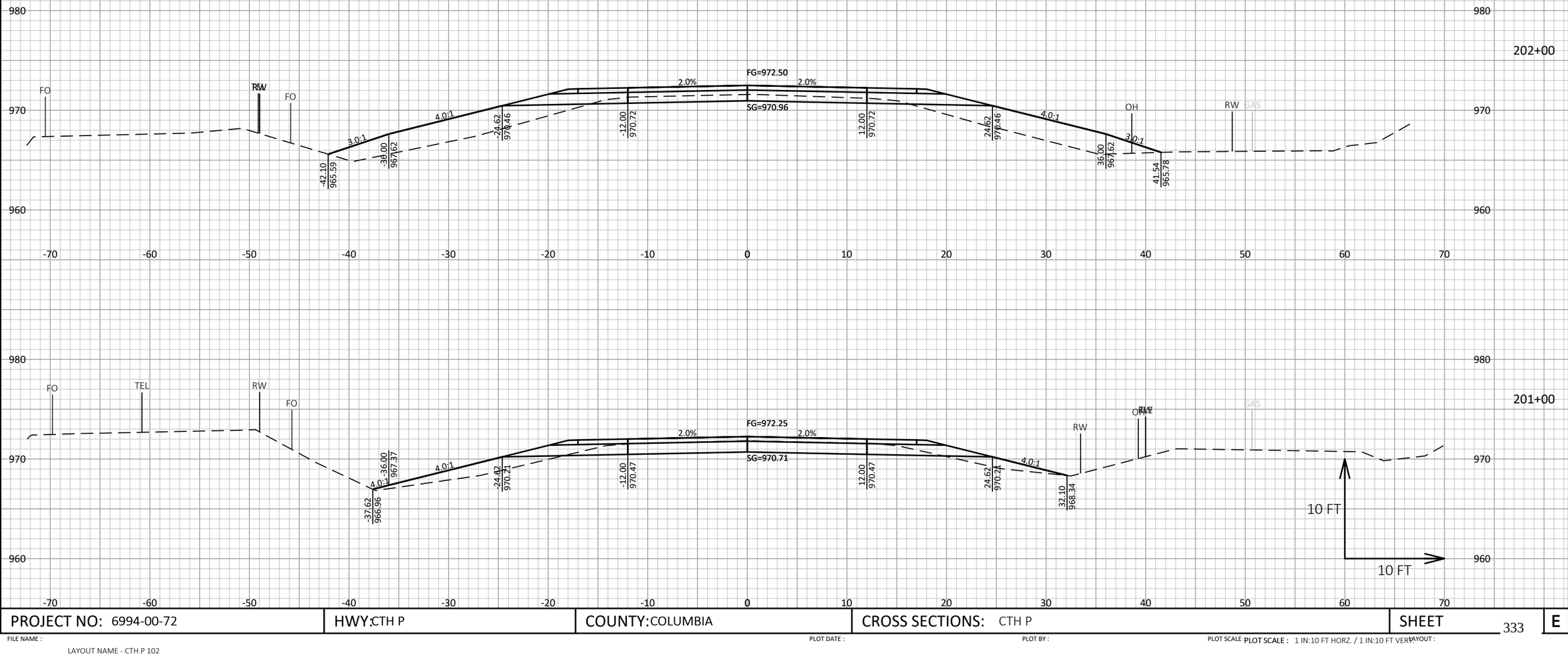
LAYOUT NAME - CTH P 101

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 333	E

FILE NAME :

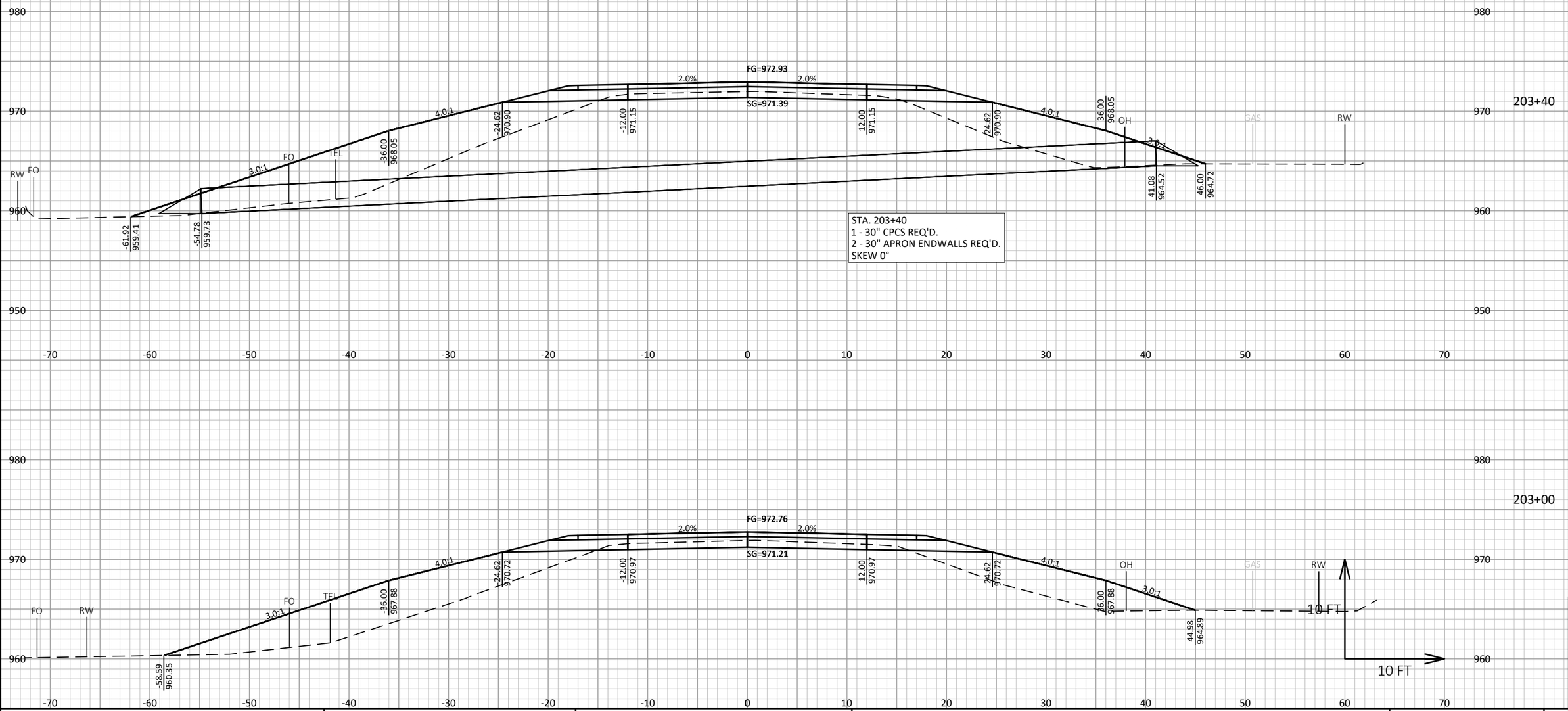
LAYOUT NAME - CTH P 102

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 334	E

FILE NAME :

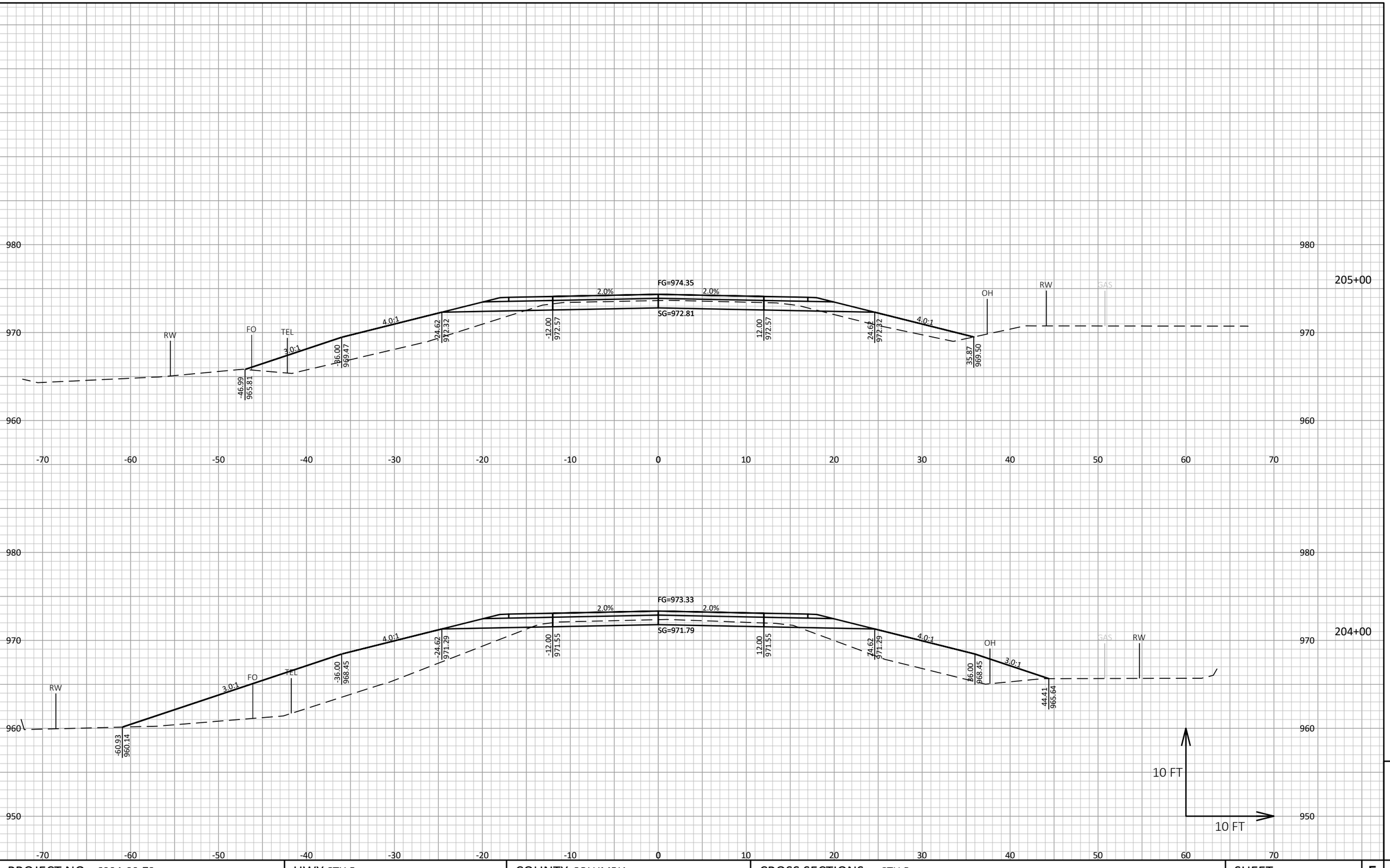
LAYOUT NAME - CTH P 103

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 335	E

FILE NAME :

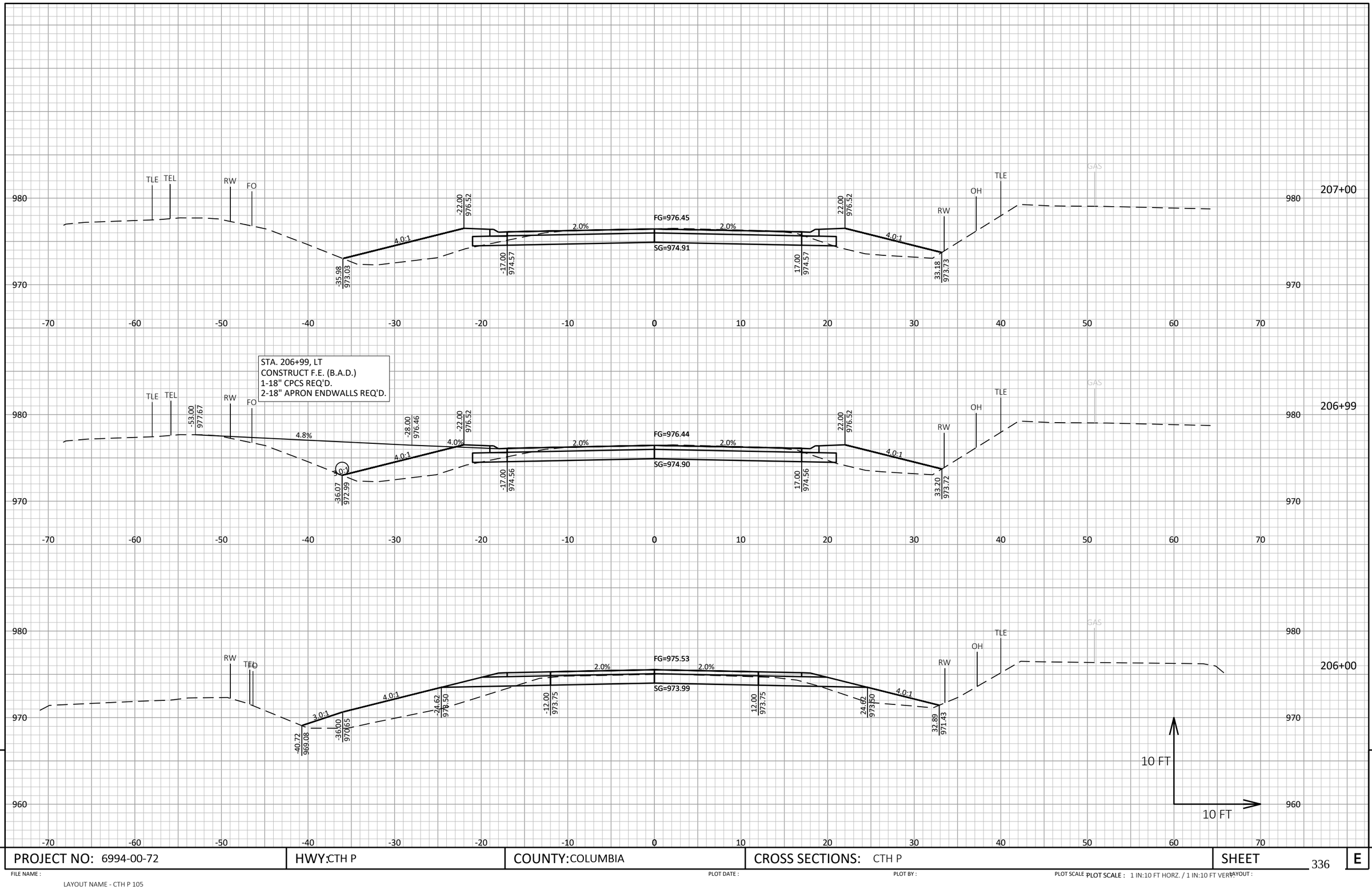
LAYOUT NAME - CTH P 104

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 336	E

FILE NAME :

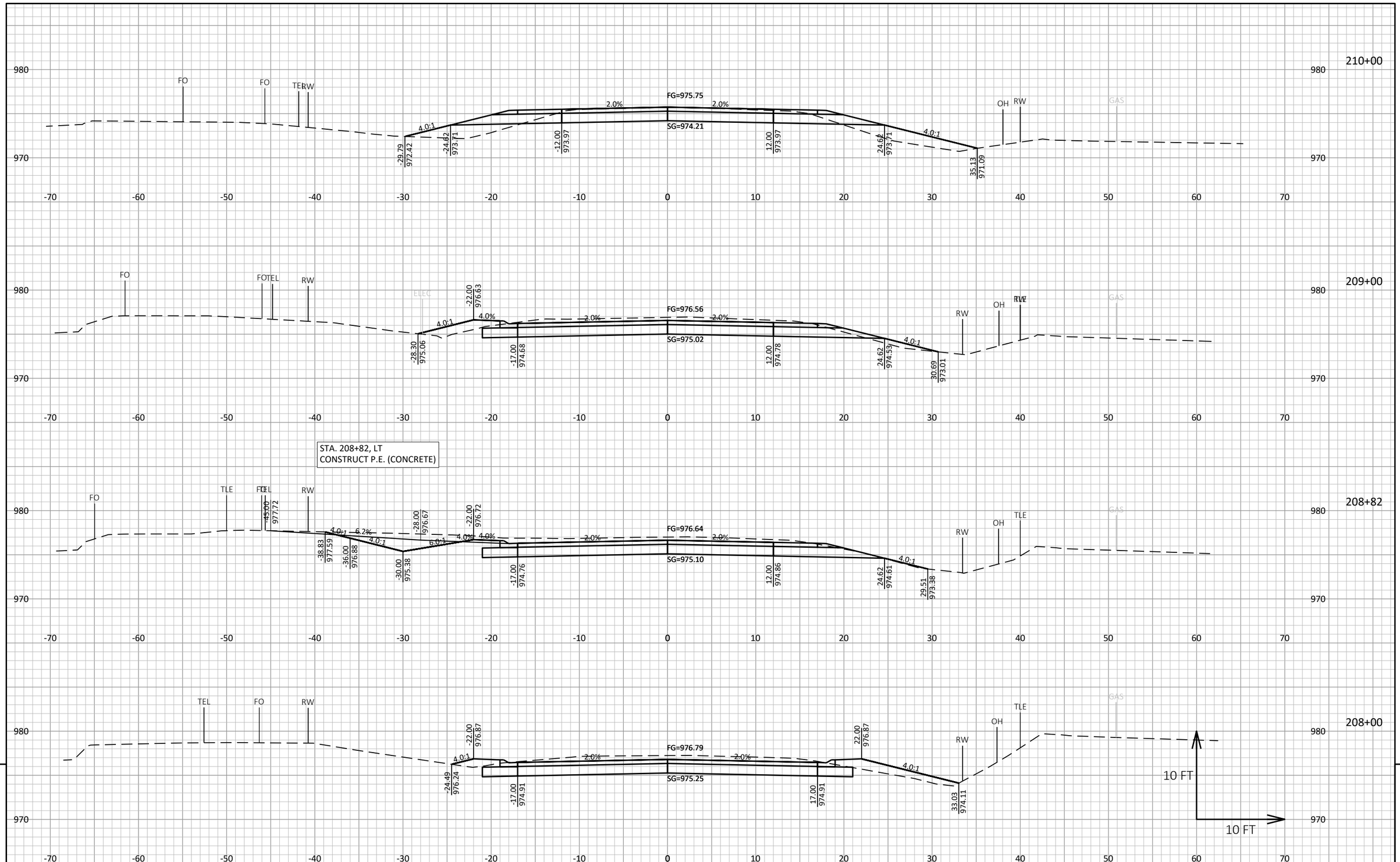
LAYOUT NAME - CTH P 105

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 337	E

FILE NAME :

LAYOUT NAME - CTH P 106

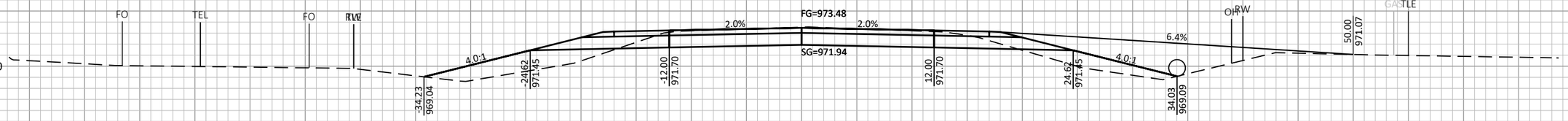
PLOT DATE :

PLOT BY :

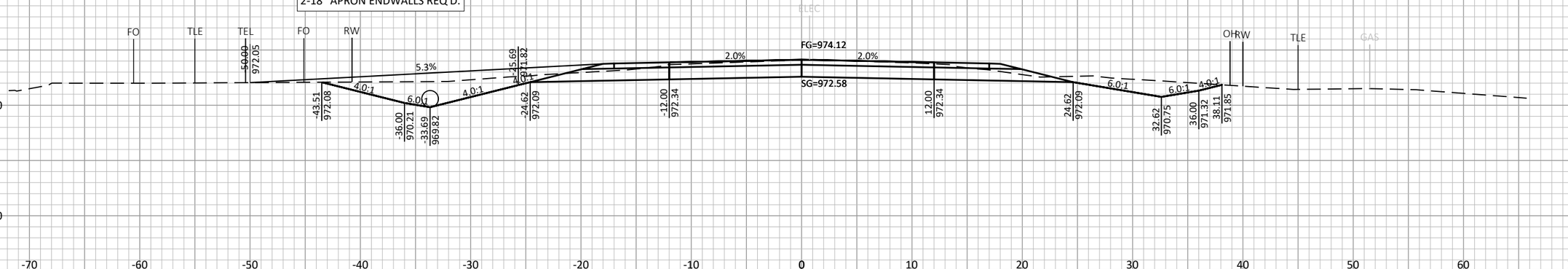
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

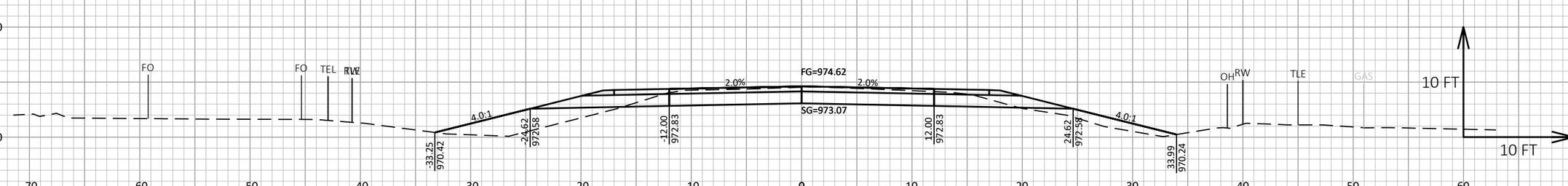
LAYOUT :

STA. 212+00, RT
CONSTRUCT F.E. (B.A.D.)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.



STA. 211+43, LT
CONSTRUCT P.E. (B.A.D.)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.





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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 338	E

FILE NAME :

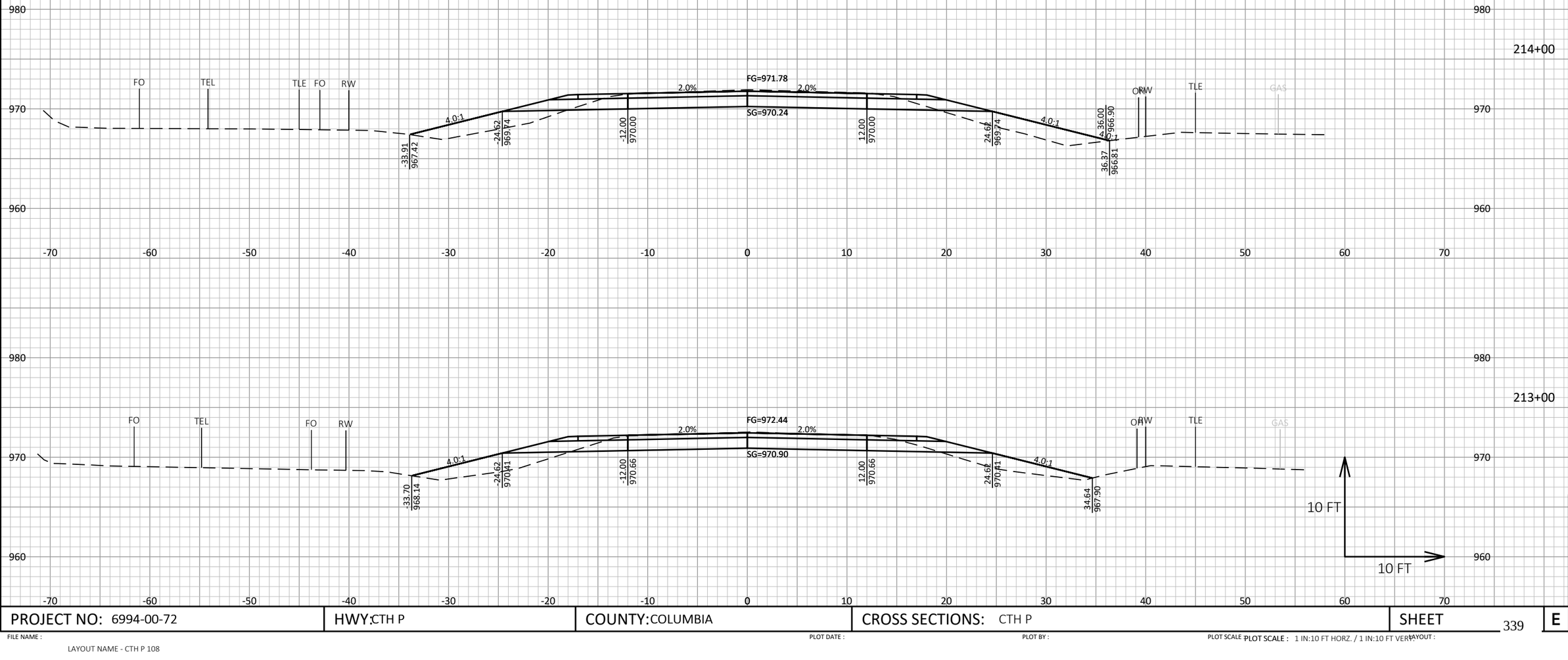
LAYOUT NAME - CTH P 107

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 339	E

FILE NAME :

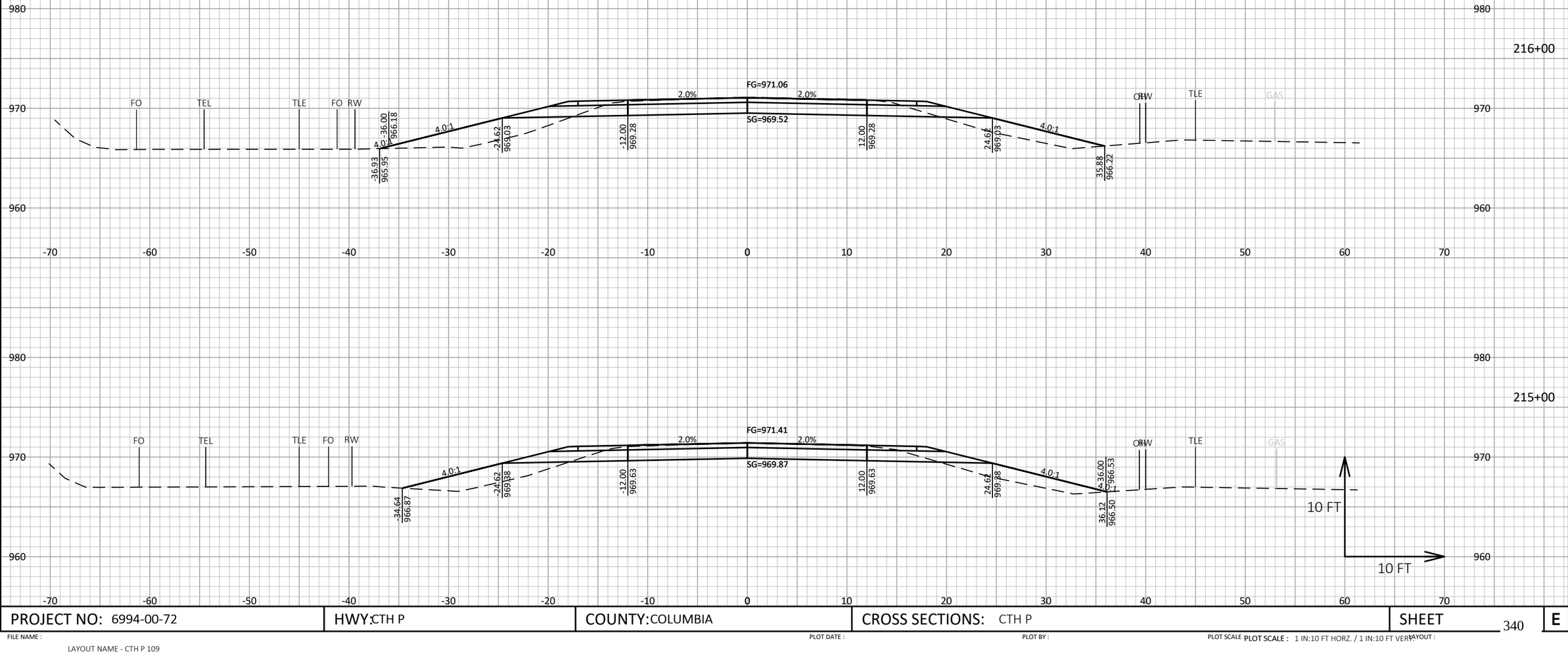
LAYOUT NAME - CTH P 108

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 340	E

FILE NAME :

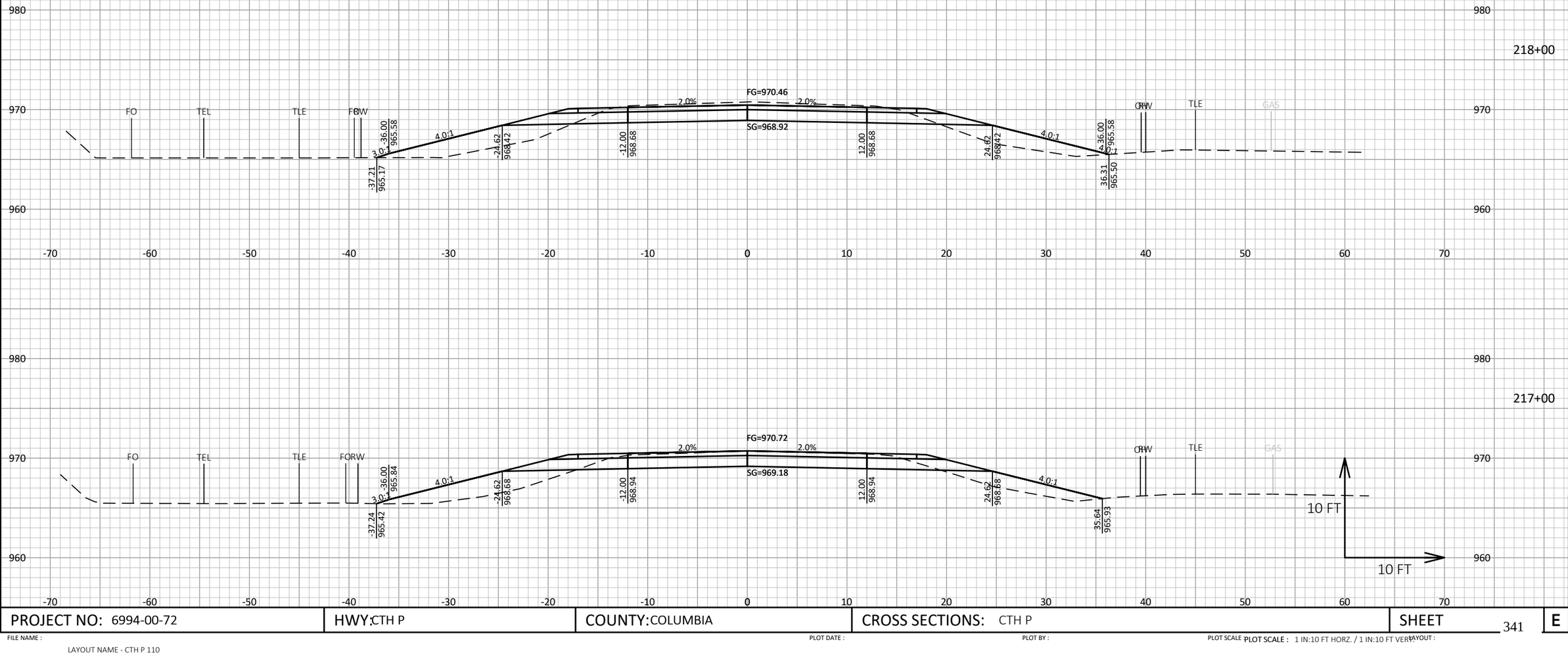
LAYOUT NAME - CTH P 109

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 341	E

FILE NAME :

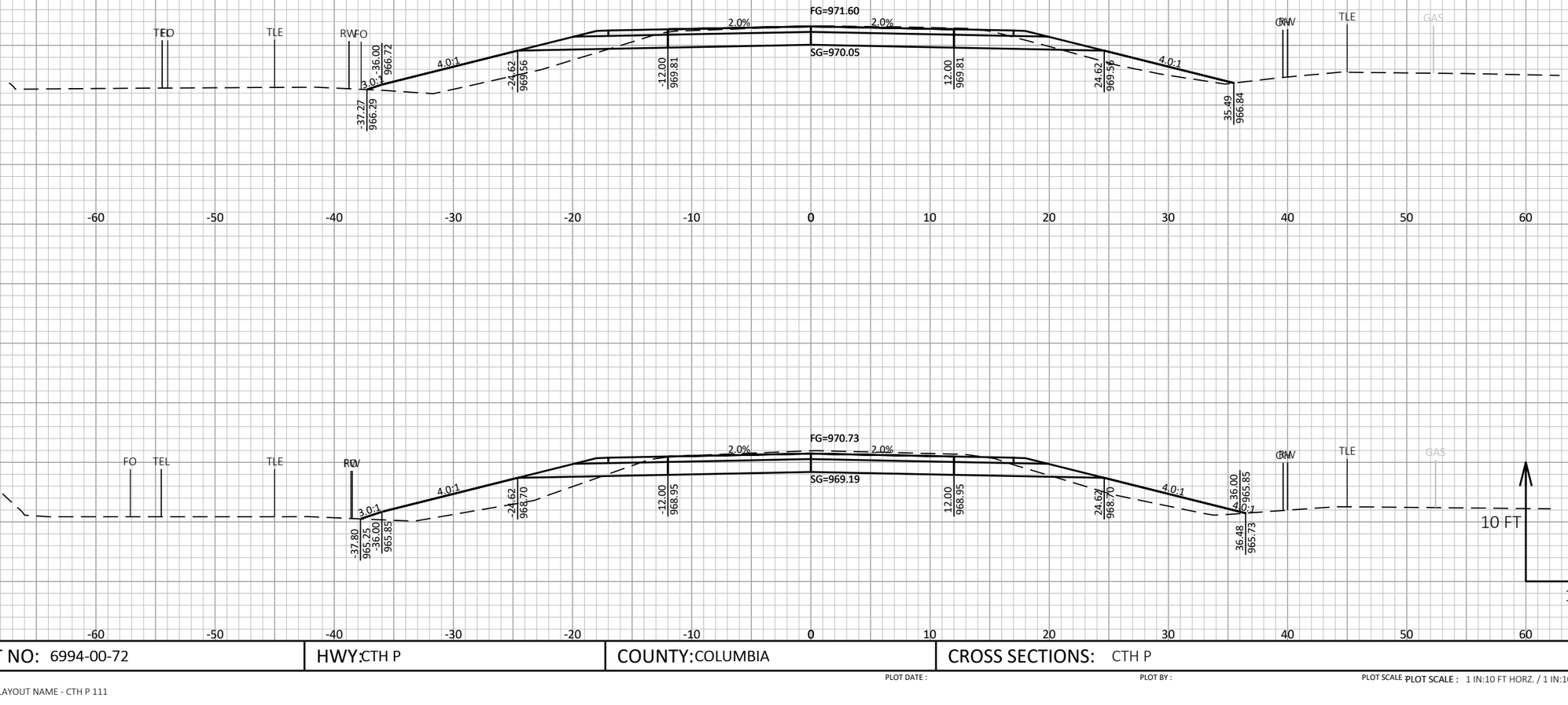
LAYOUT NAME - CTH P 110

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 342	E

FILE NAME :

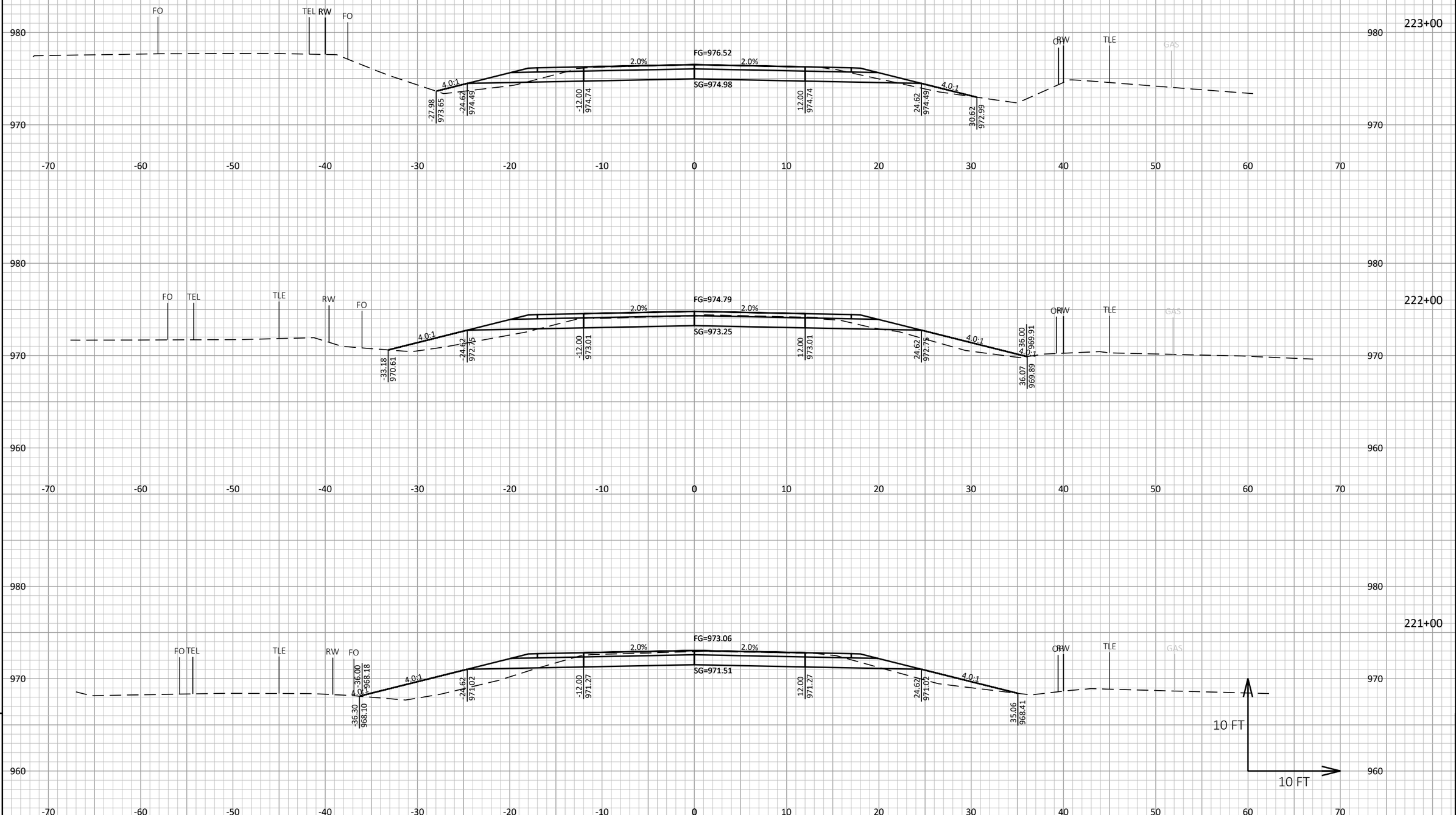
LAYOUT NAME - CTH P 111

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 343	E

FILE NAME :

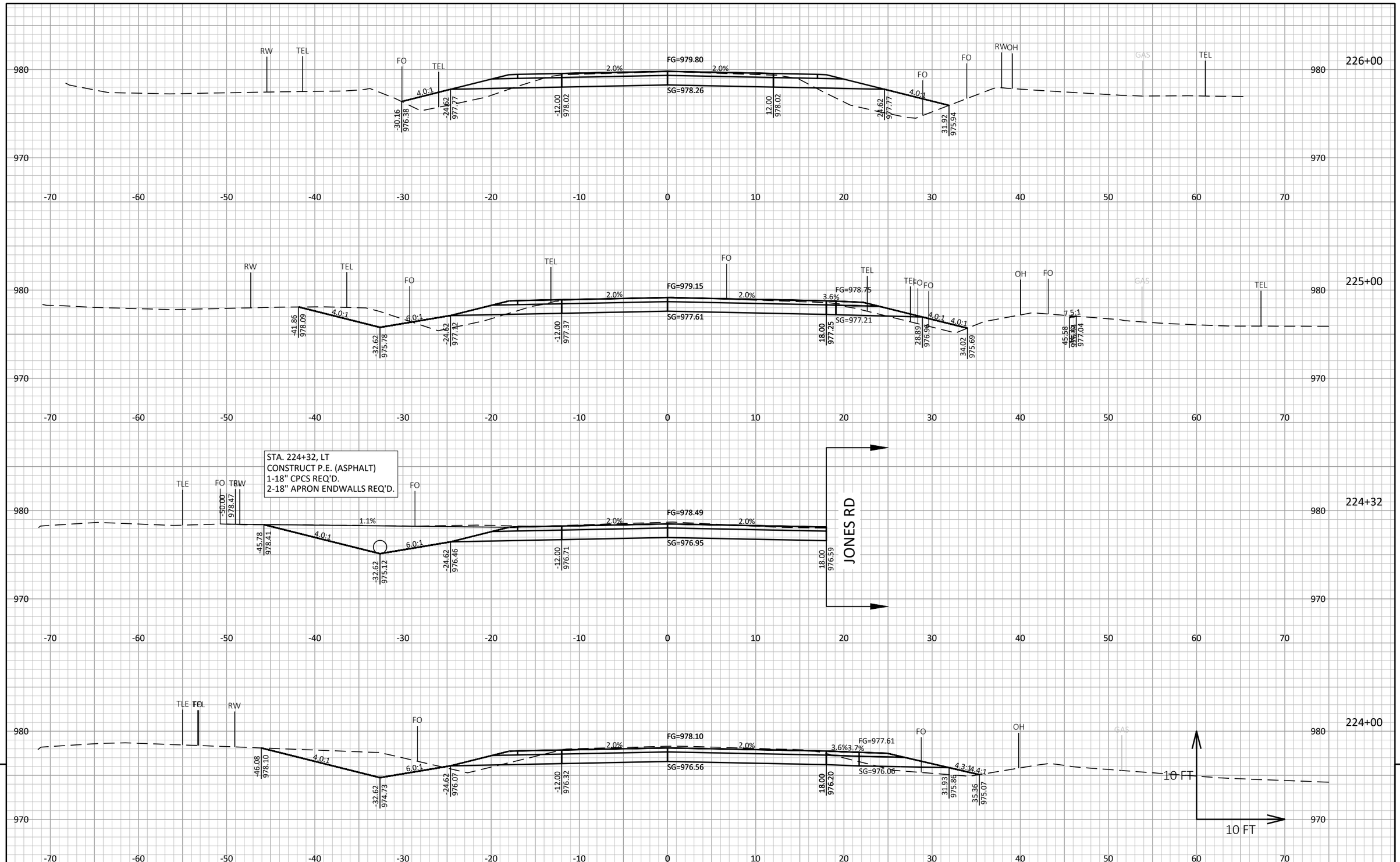
LAYOUT NAME - CTH P 112

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 344	E

FILE NAME :

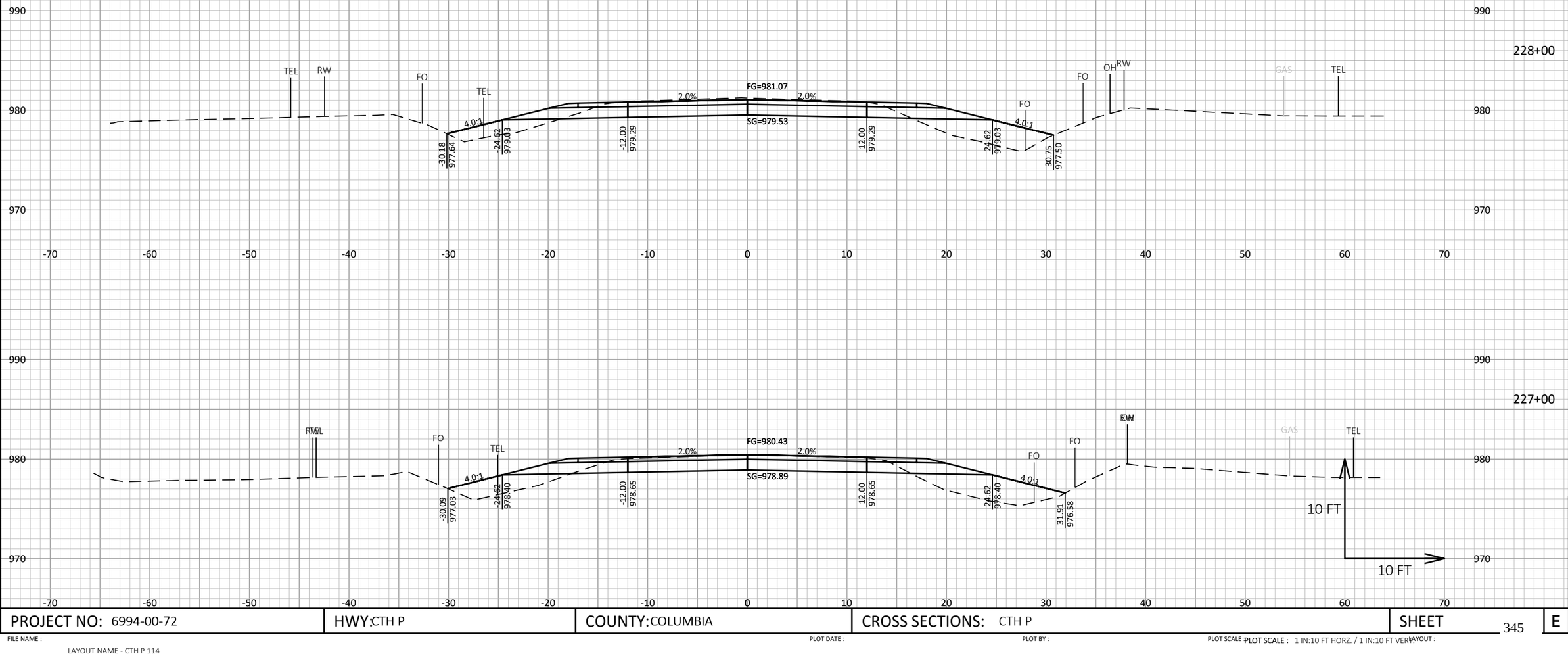
LAYOUT NAME - CTH P 113

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 345	E

FILE NAME :

LAYOUT NAME - CTH P 114

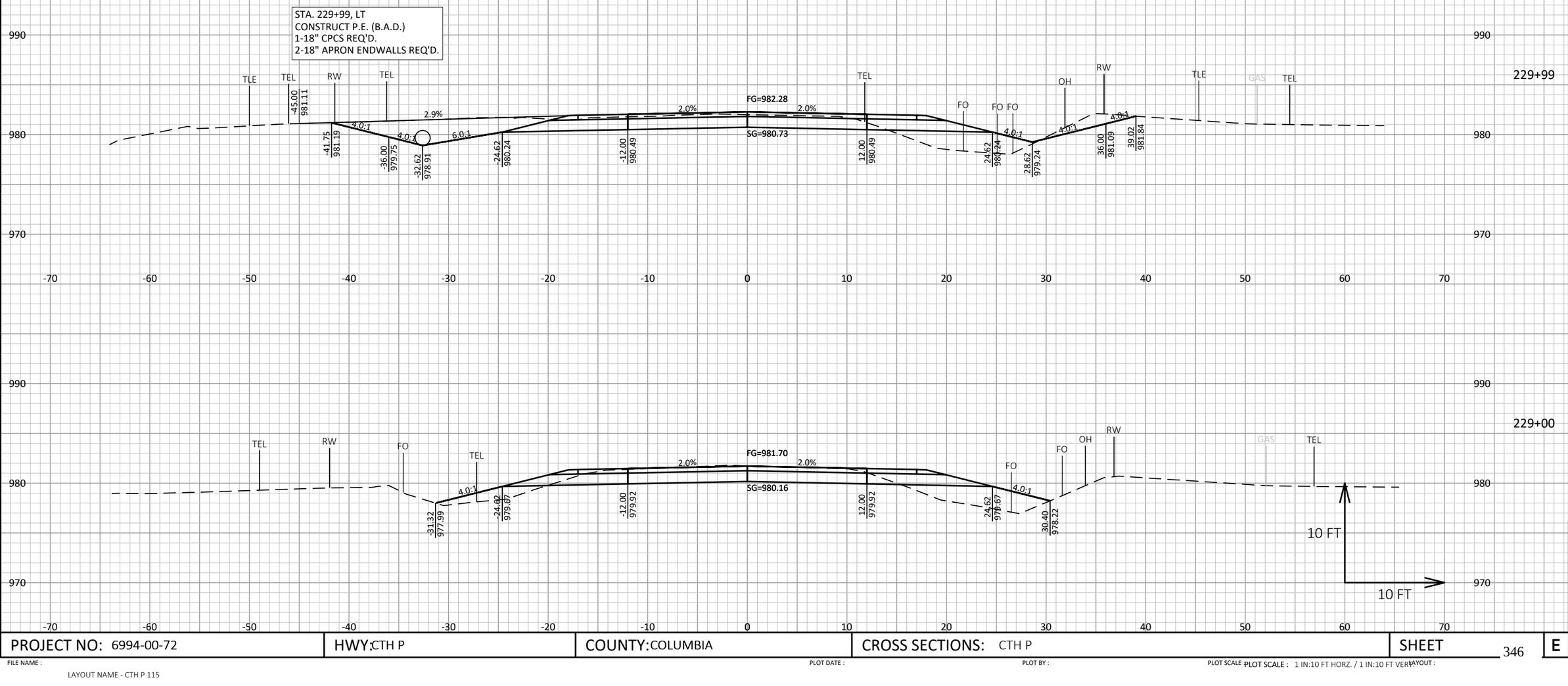
PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

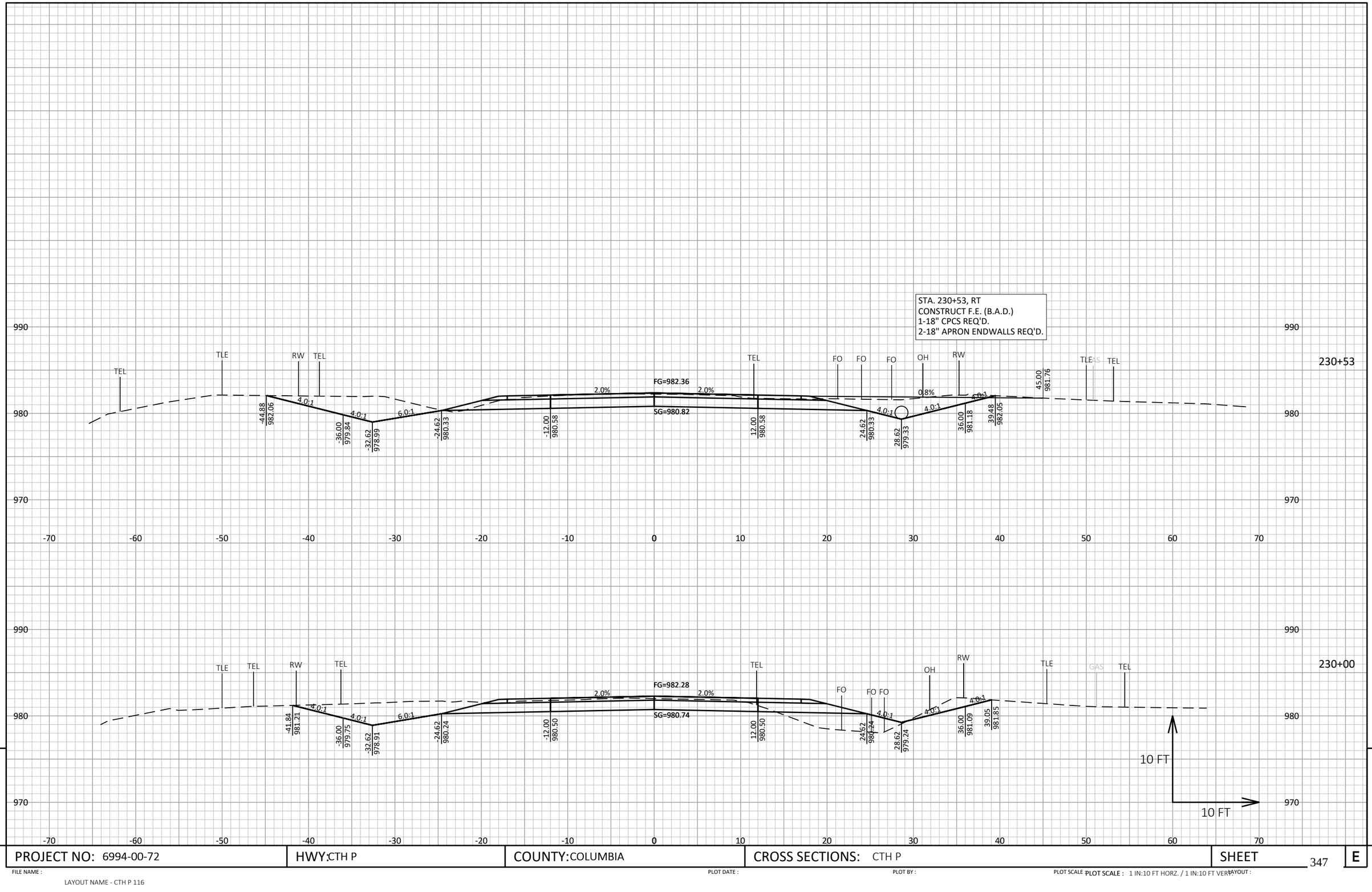
LAYOUT :

STA. 229+99, LT
CONSTRUCT P.E. (B.A.D.)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 346	E

FILE NAME :
LAYOUT NAME - CTH P 115
PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 347	E

FILE NAME :

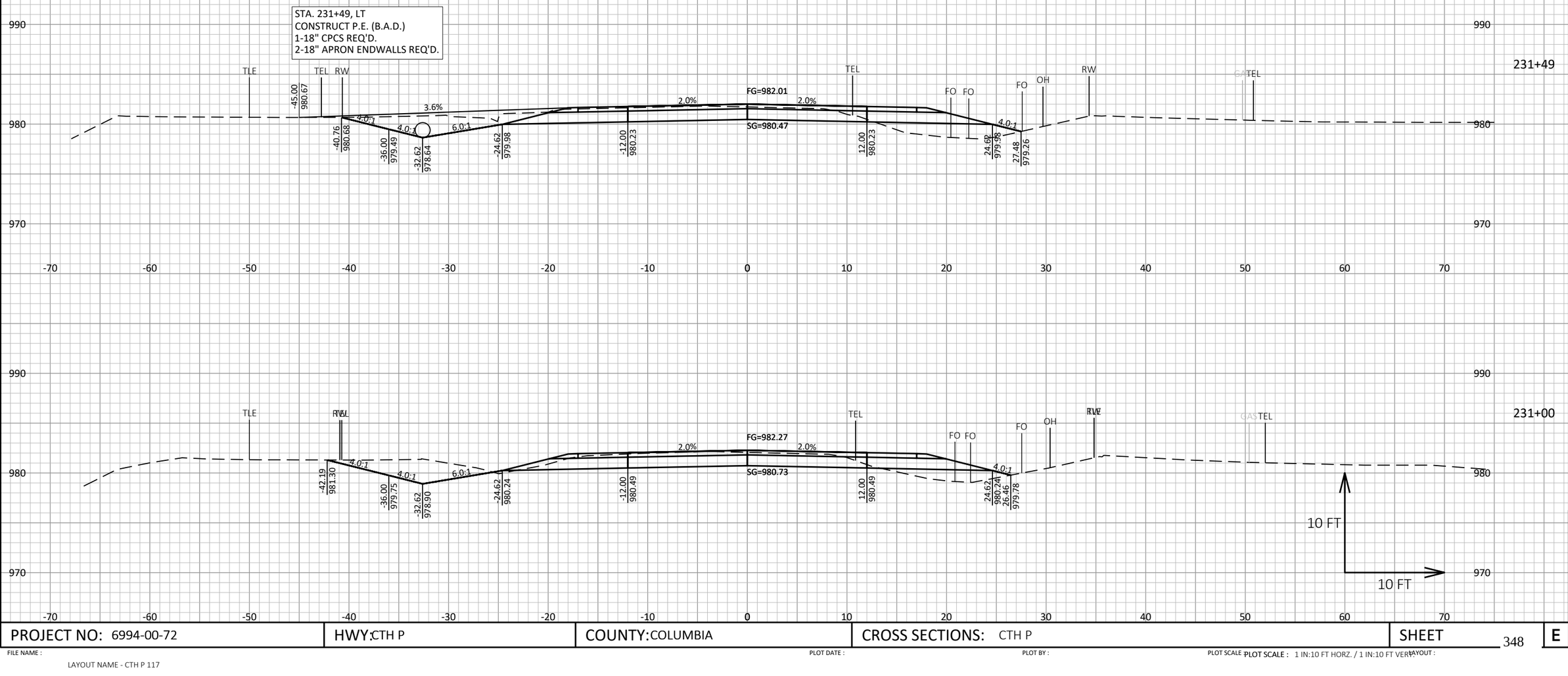
LAYOUT NAME - CTH P 116

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 348	E

FILE NAME :

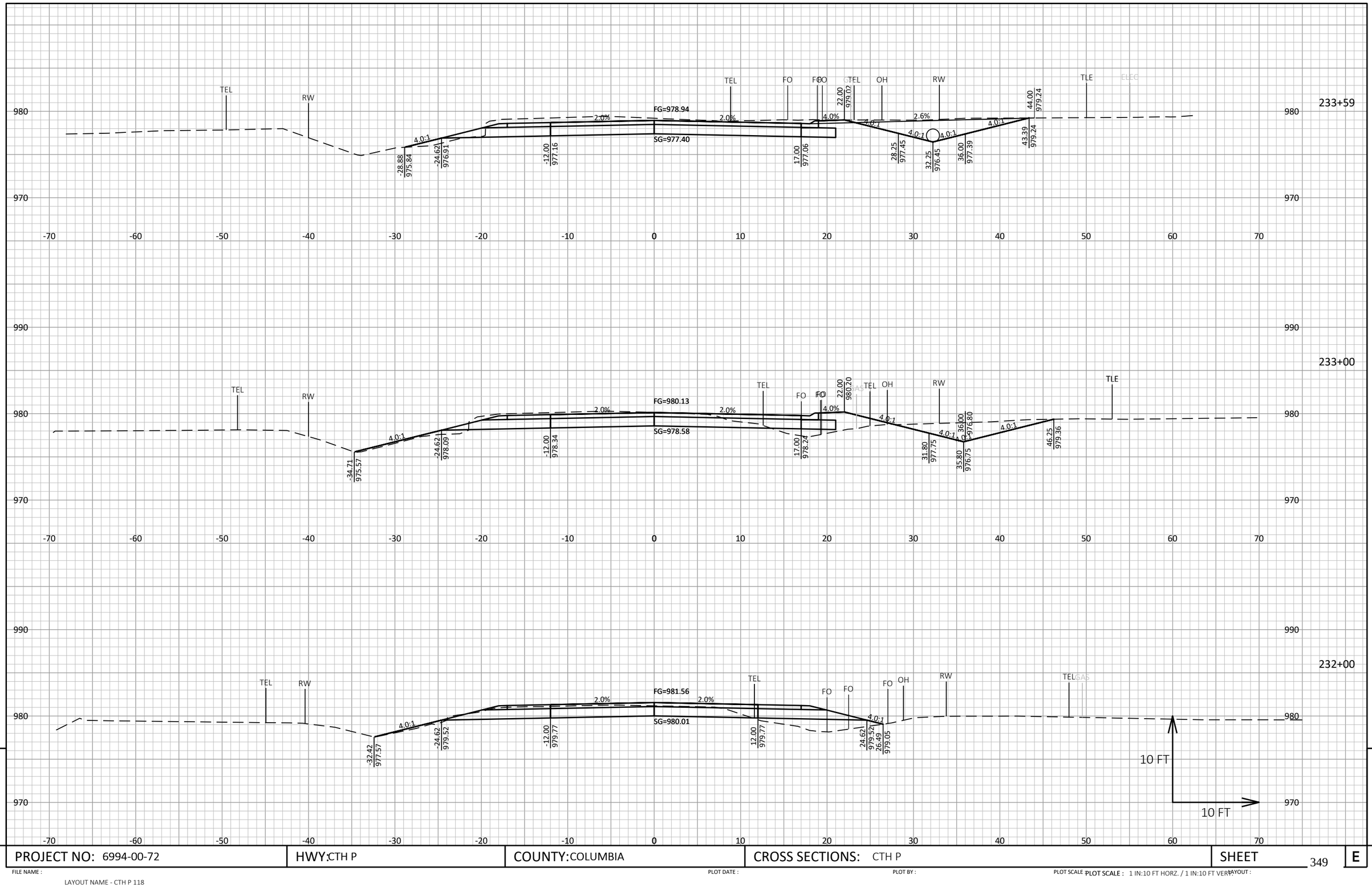
LAYOUT NAME - CTH P 117

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 349	E

FILE NAME :

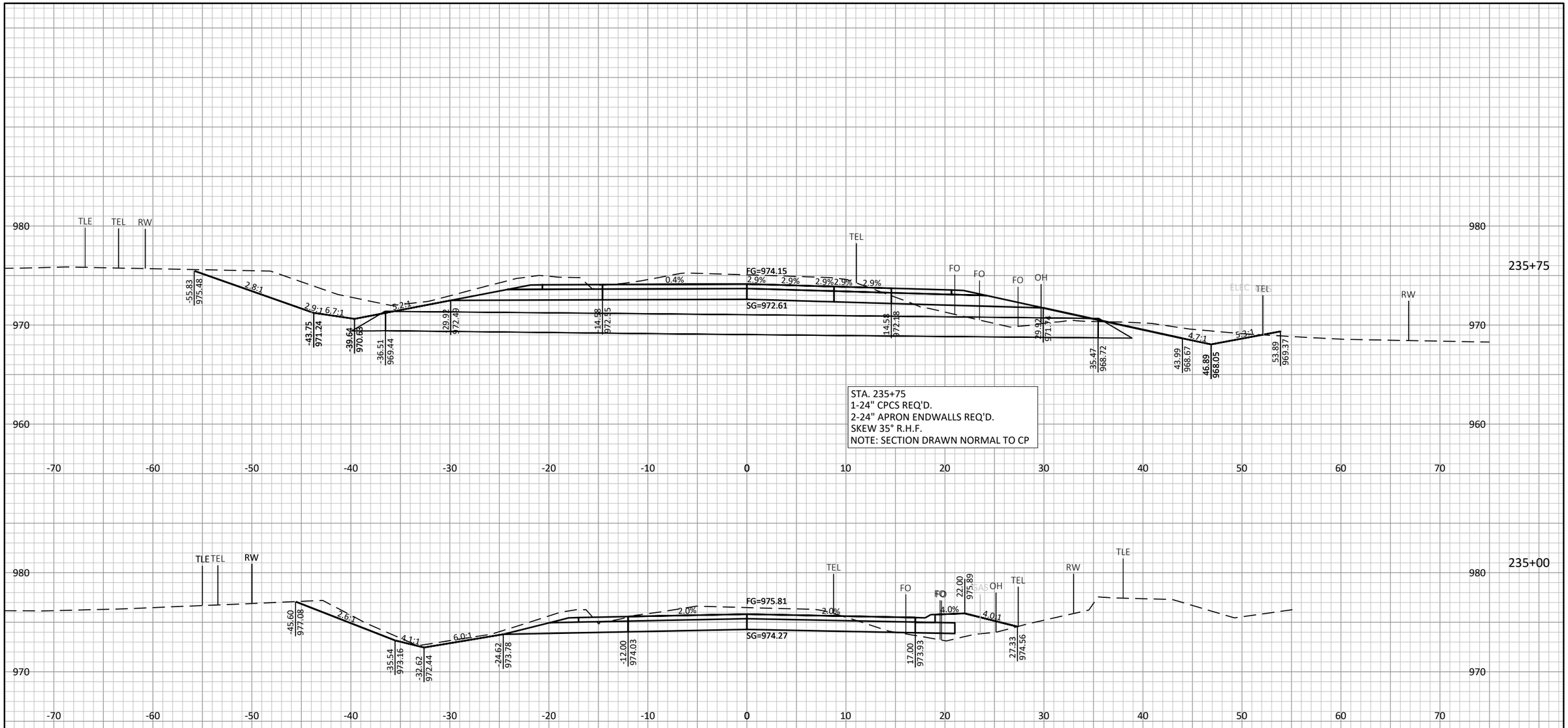
LAYOUT NAME - CTH P 118

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 350	E

FILE NAME :

LAYOUT NAME - CTH P 119

PLOT DATE :

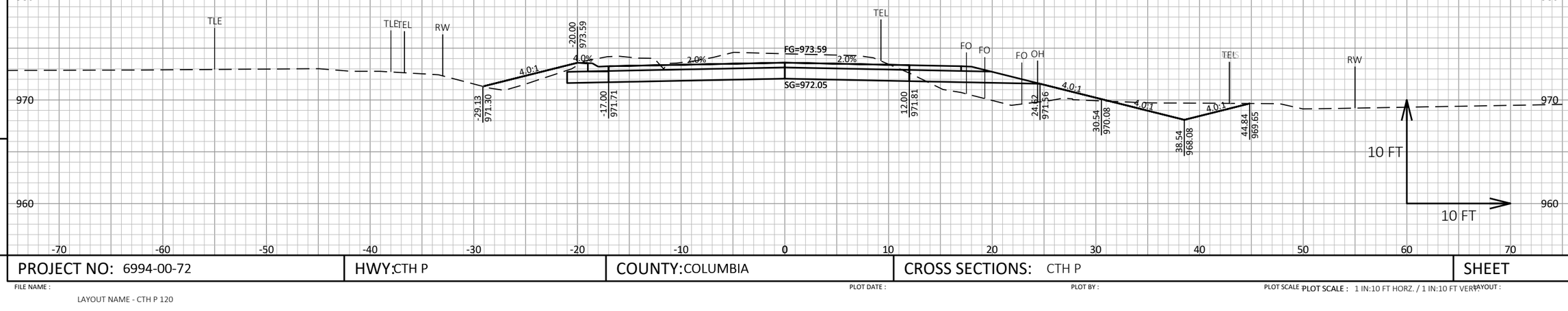
PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

STA. 236+74, LT
CONSTRUCT P.E. (ASPHALT)
1-18" CPCS REQ'D.
2-18" APRON ENDWALLS REQ'D.

236+74



236+00

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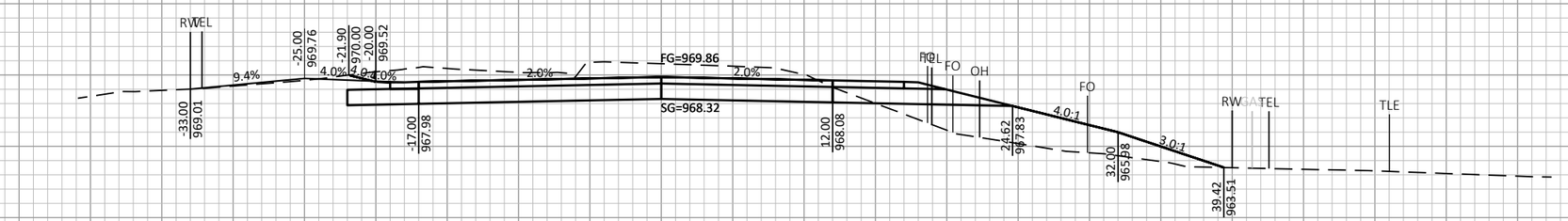
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 351	E

FILE NAME :
LAYOUT NAME - CTH P 120
PLOT DATE :
PLOT BY :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :

STA. 237+73, LT
CONSTRUCT P.E. (ASPHALT)



237+73

237+00

9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 352	E

FILE NAME :
LAYOUT NAME - CTH P 121

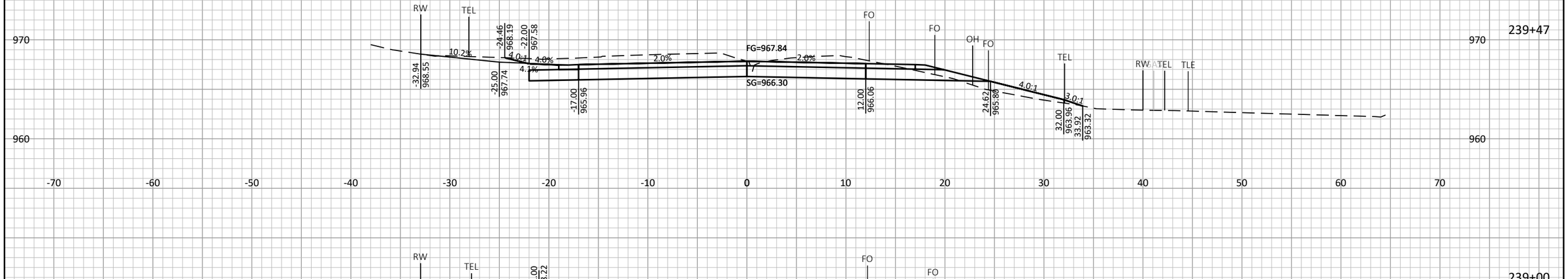
PLOT DATE :

PLOT BY :

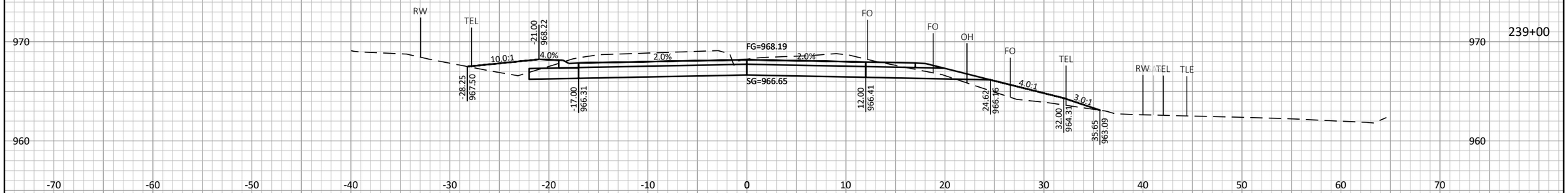
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

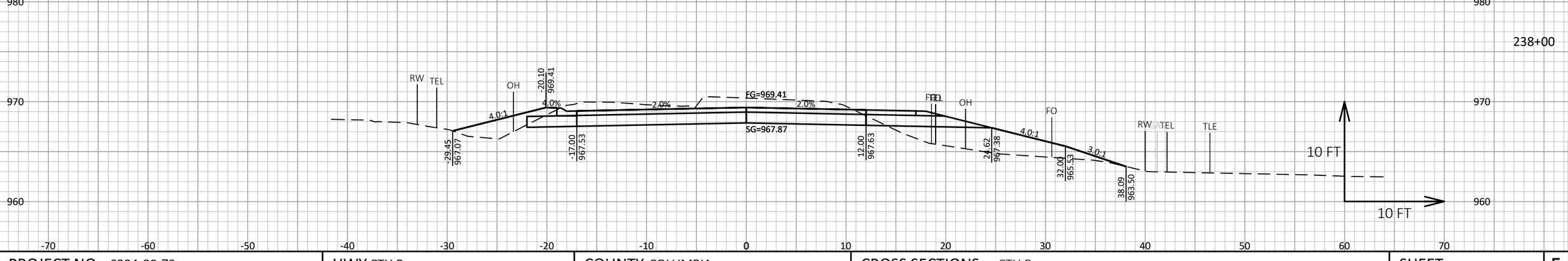
STA. 239+47, LT
CONSTRUCT P.E. (ASPHALT)



239+47



239+00



238+00

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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 353	E

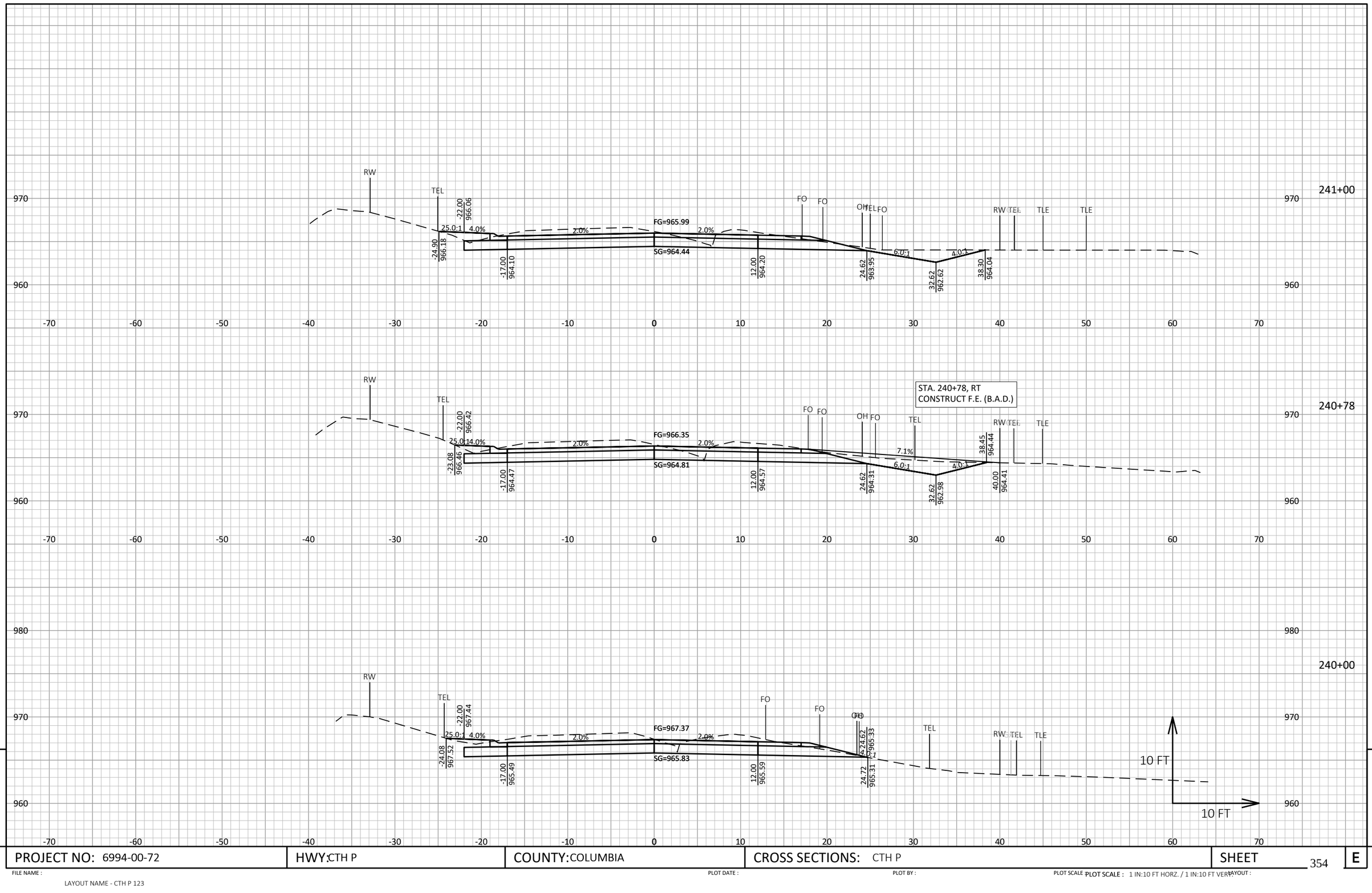
FILE NAME :
LAYOUT NAME - CTH P 122

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 354	E

FILE NAME :

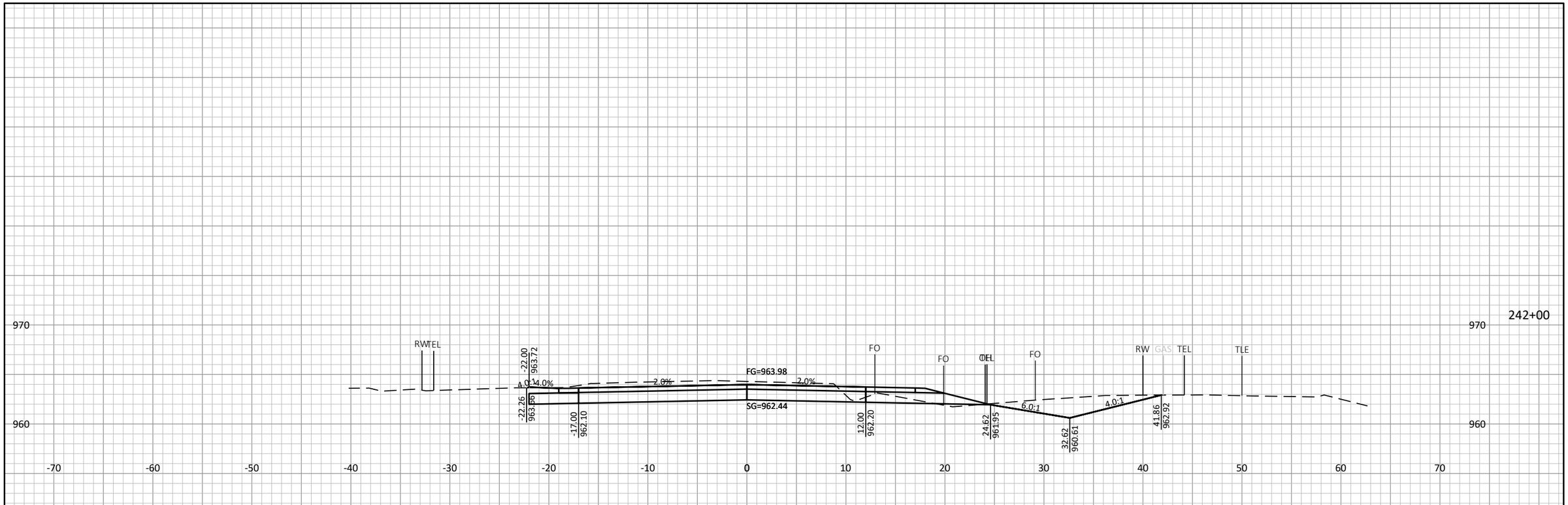
LAYOUT NAME - CTH P 123

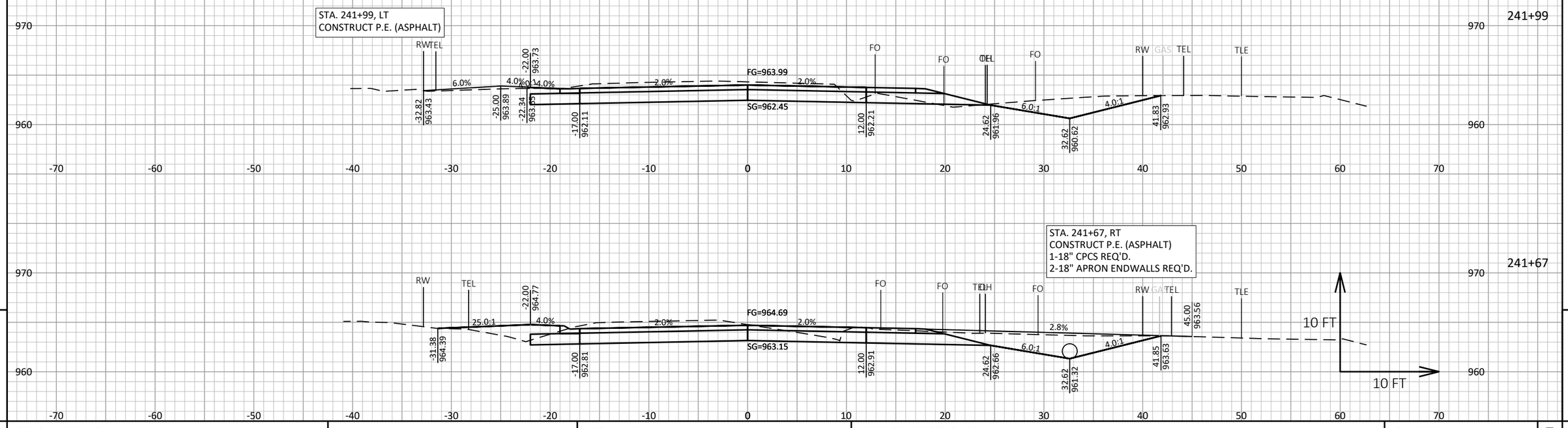
PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :





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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 355	E

FILE NAME :

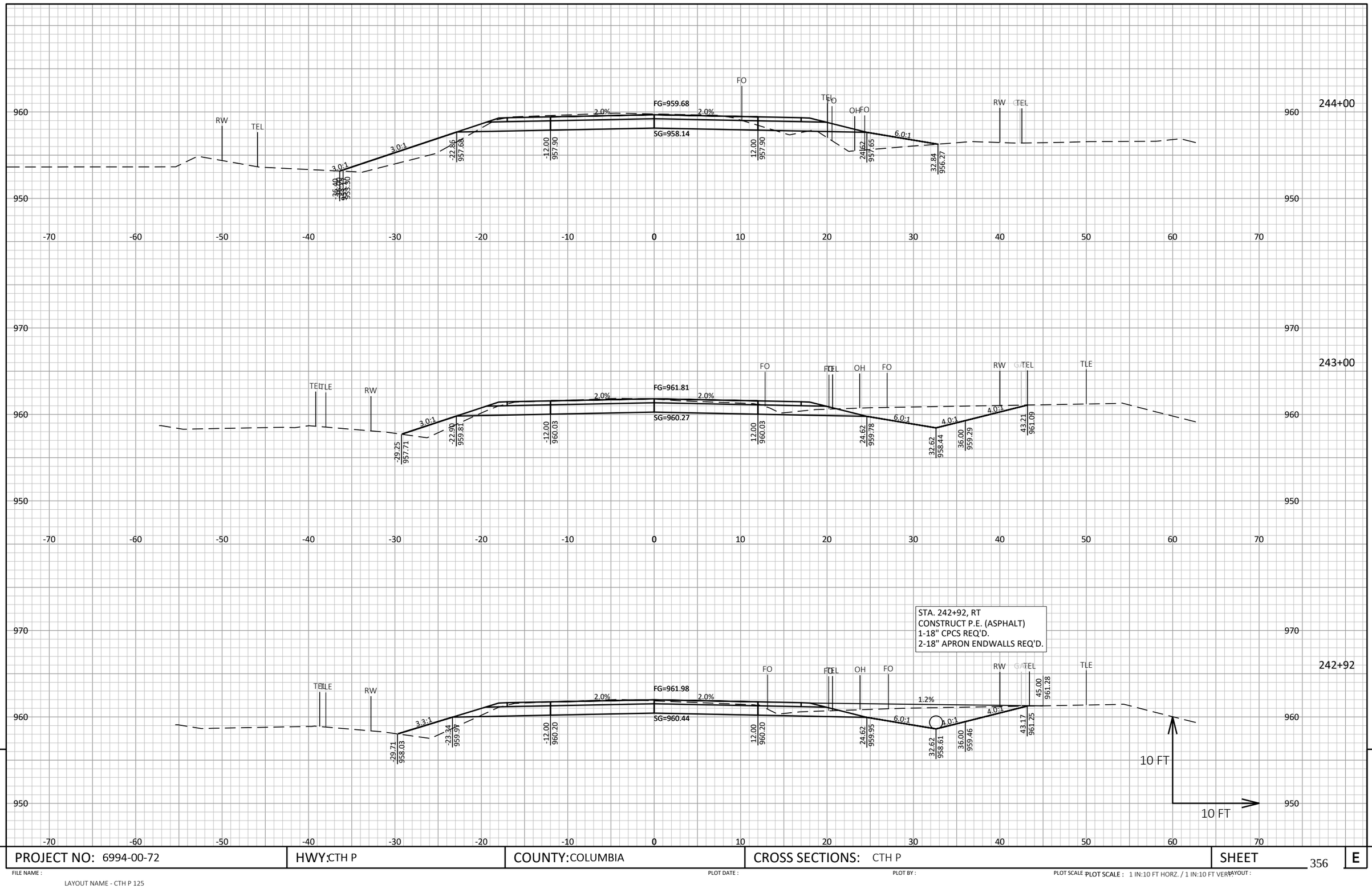
LAYOUT NAME - CTH P 124

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 356	E

FILE NAME :

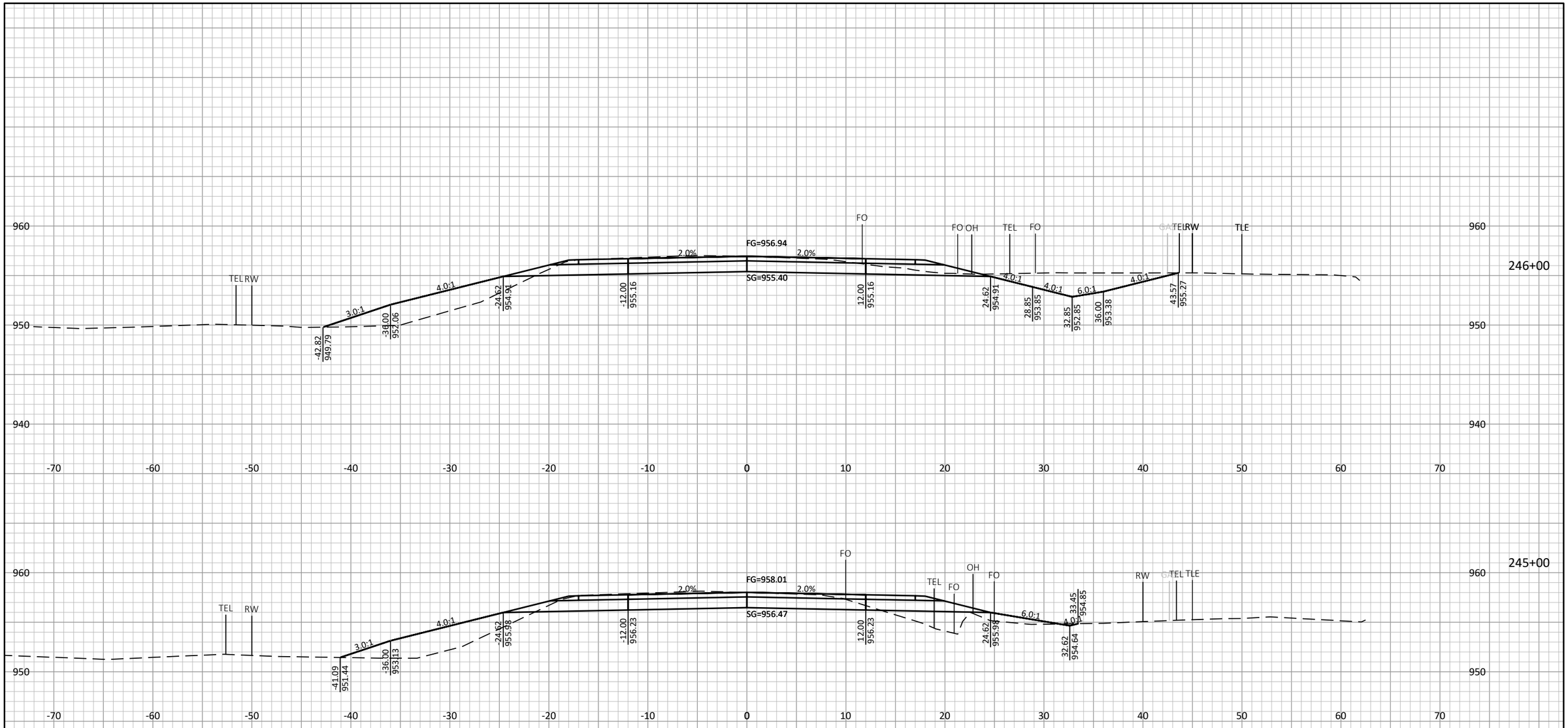
LAYOUT NAME - CTH P 125

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 357	E

FILE NAME :

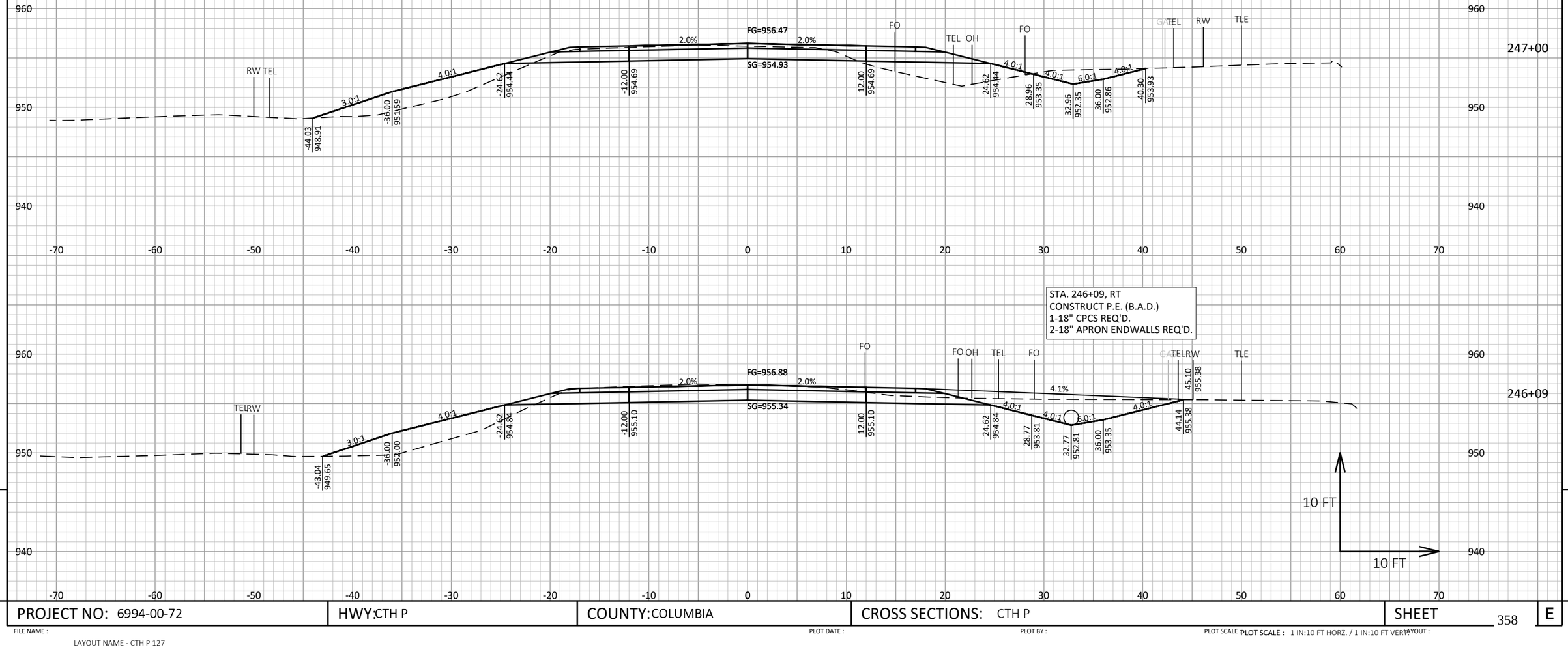
LAYOUT NAME - CTH P 126

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 358	E

FILE NAME :

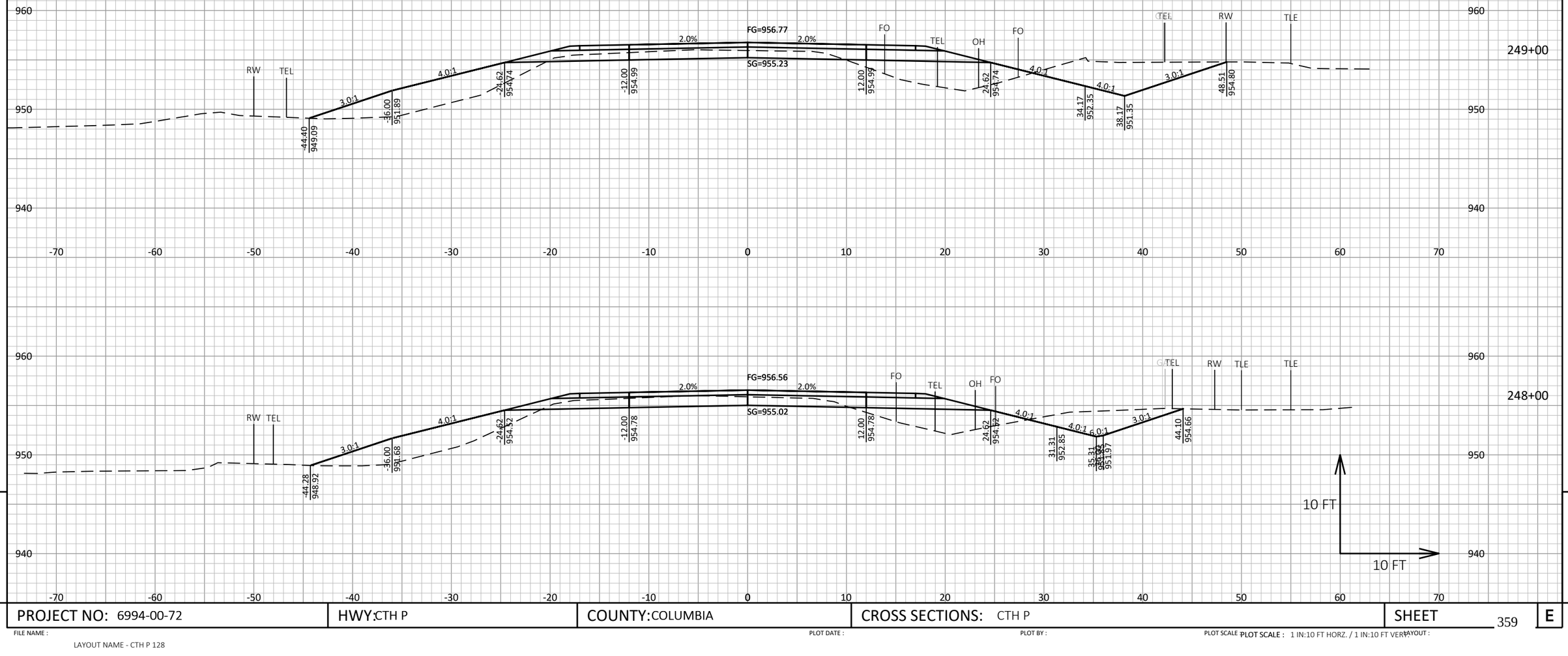
LAYOUT NAME - CTH P 127

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 359	E

FILE NAME :

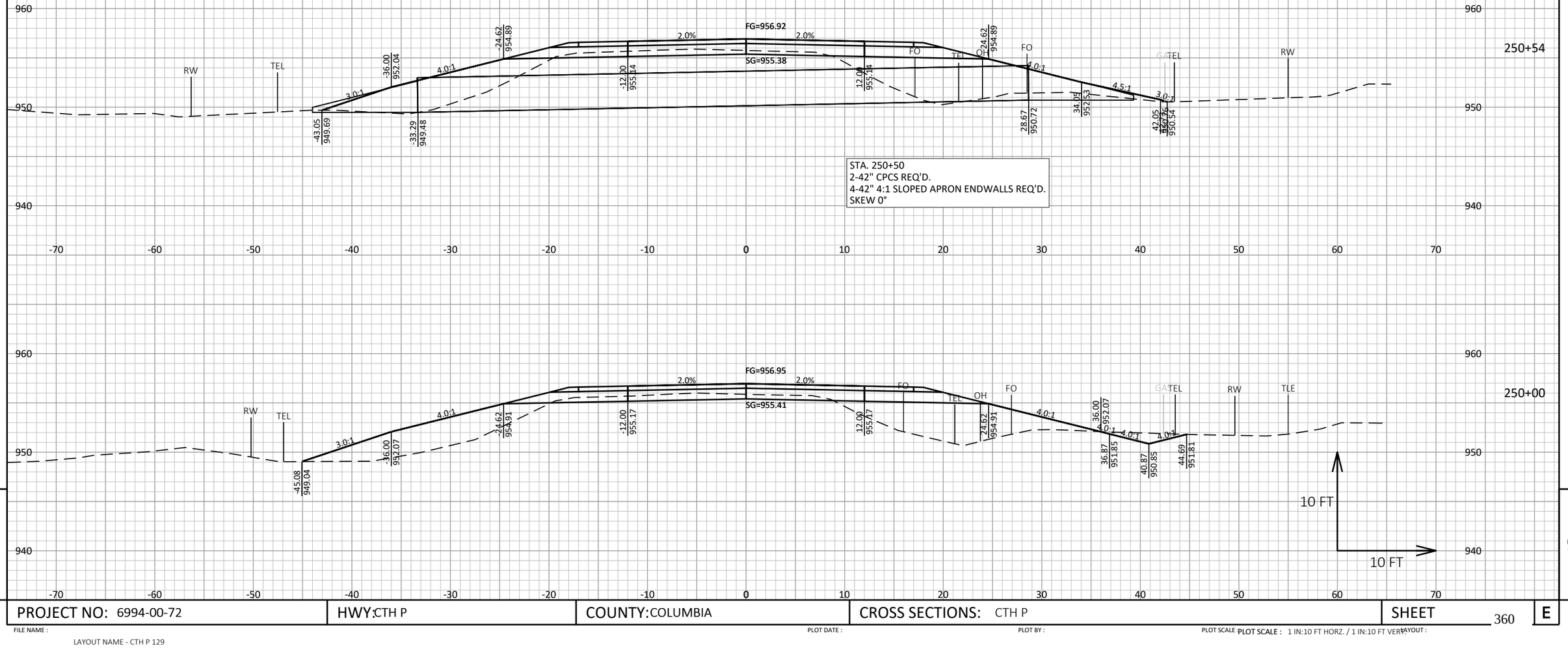
LAYOUT NAME - CTH P 128

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 360	E

FILE NAME :

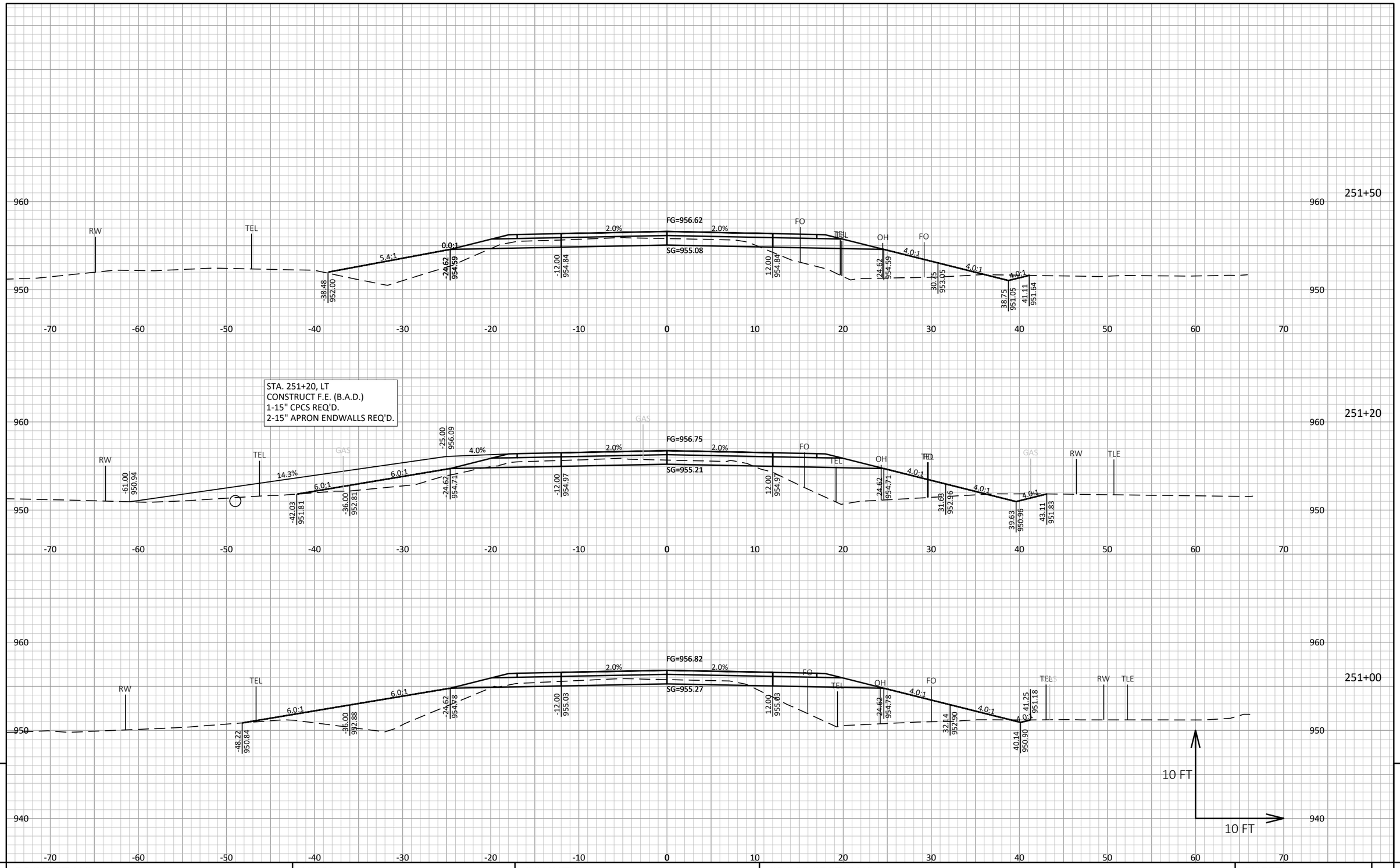
LAYOUT NAME - CTH P 129

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 361	E

FILE NAME :

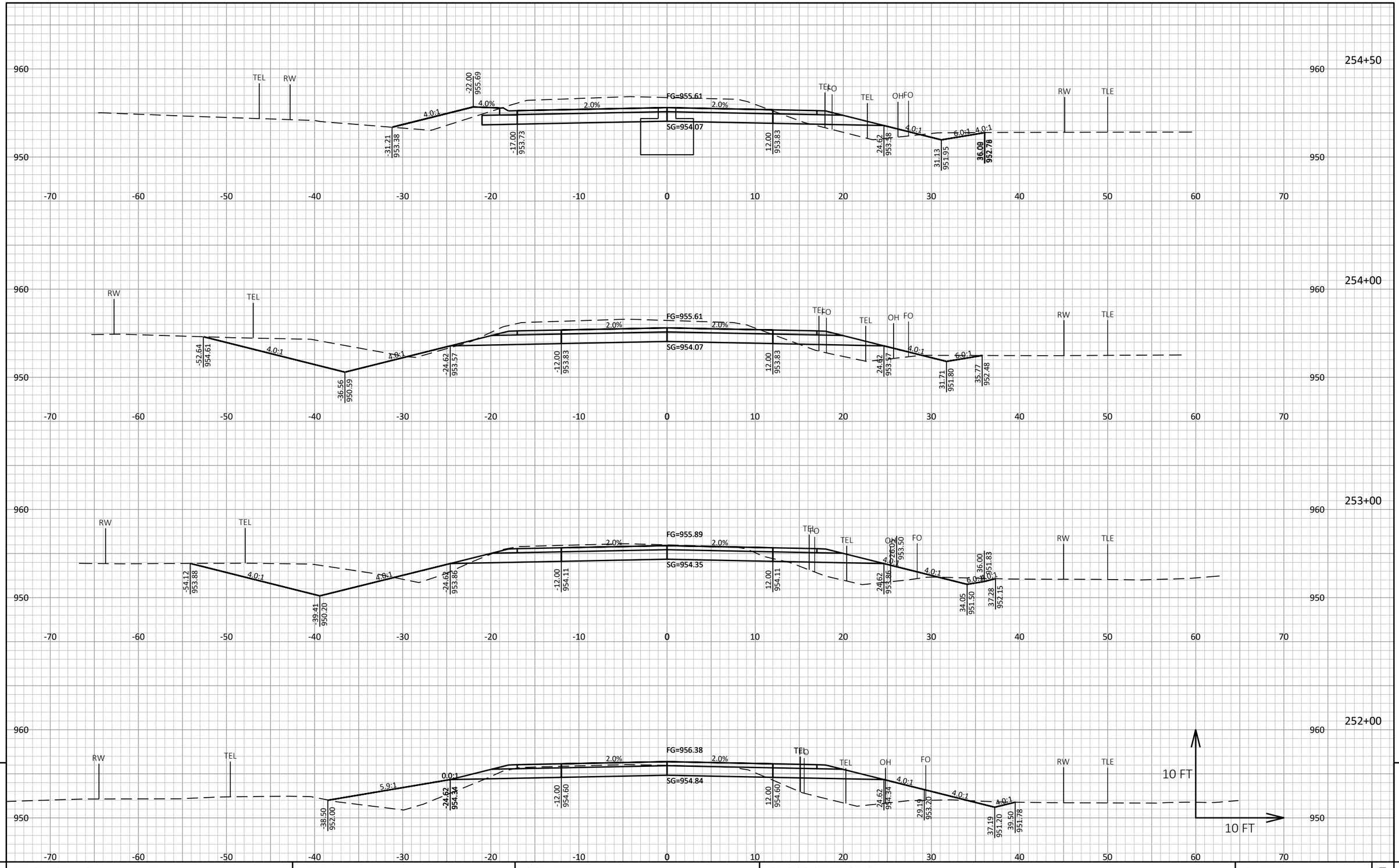
LAYOUT NAME - CTH P 130

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 362	E

FILE NAME :

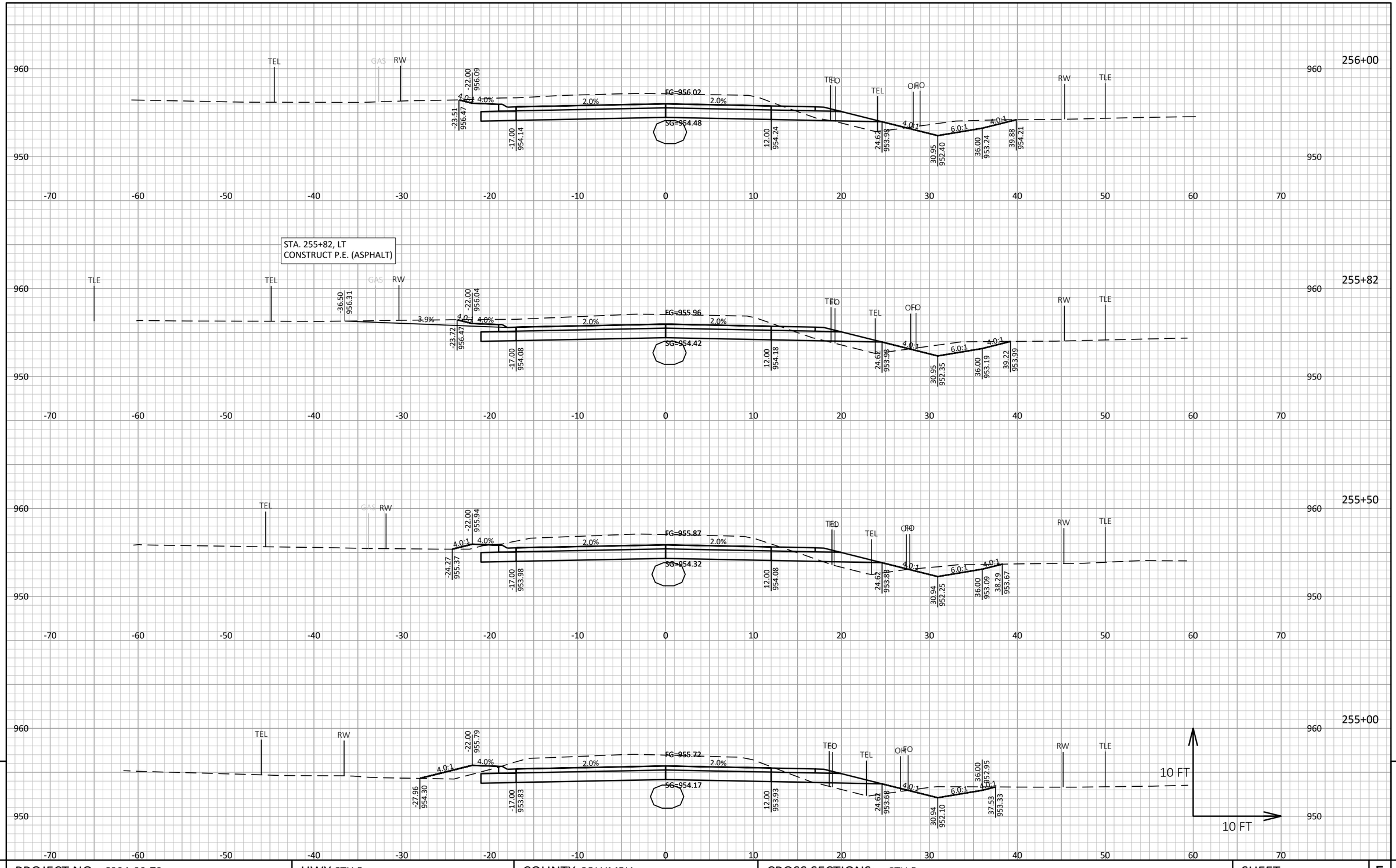
LAYOUT NAME - CTH P 131

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 363	E

FILE NAME :

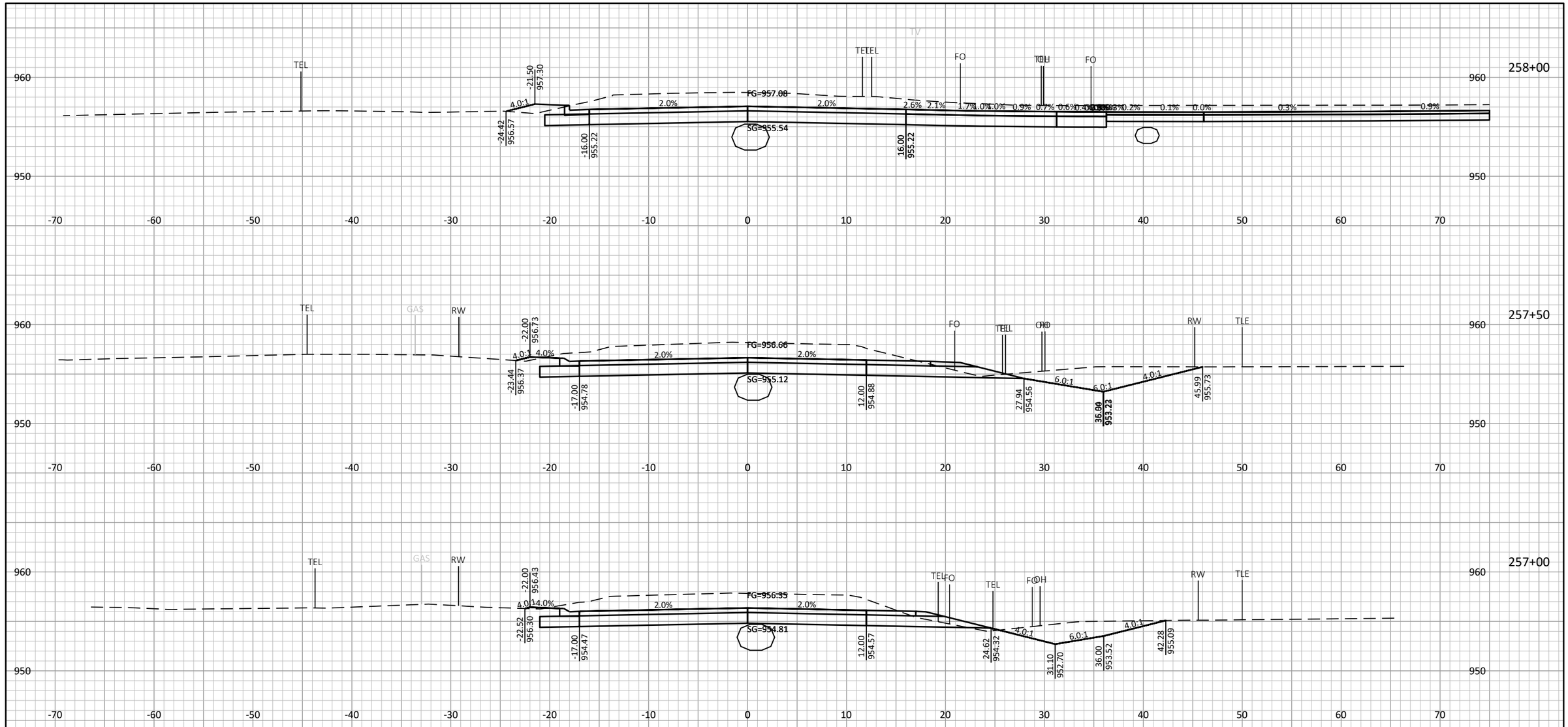
LAYOUT NAME - CTH P 132

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 364	E

FILE NAME :

LAYOUT NAME - CTH P 133

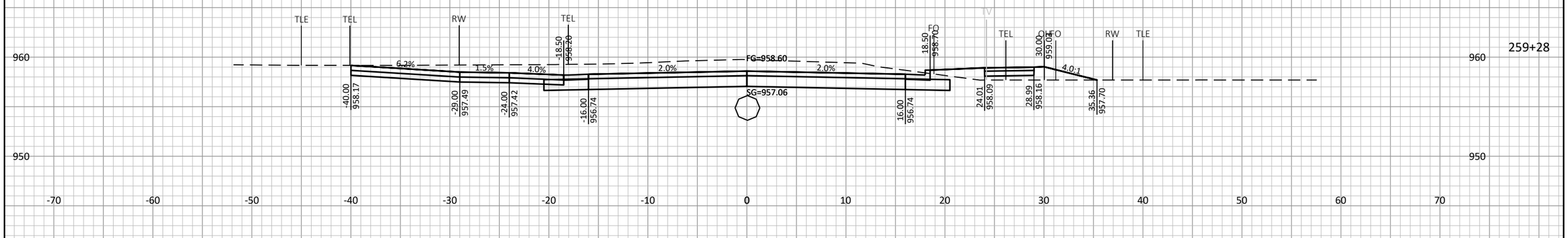
PLOT DATE :

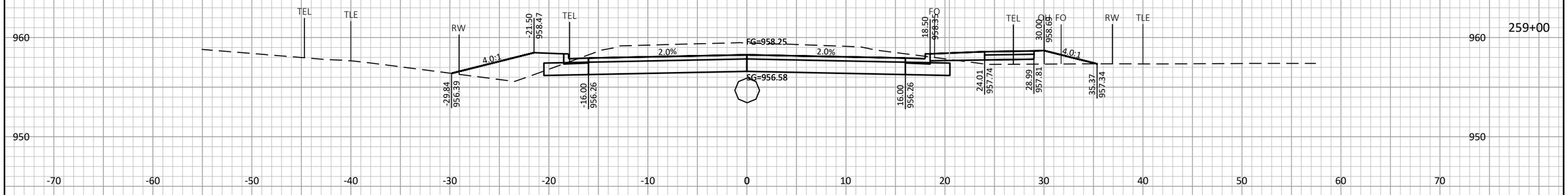
PLOT BY :

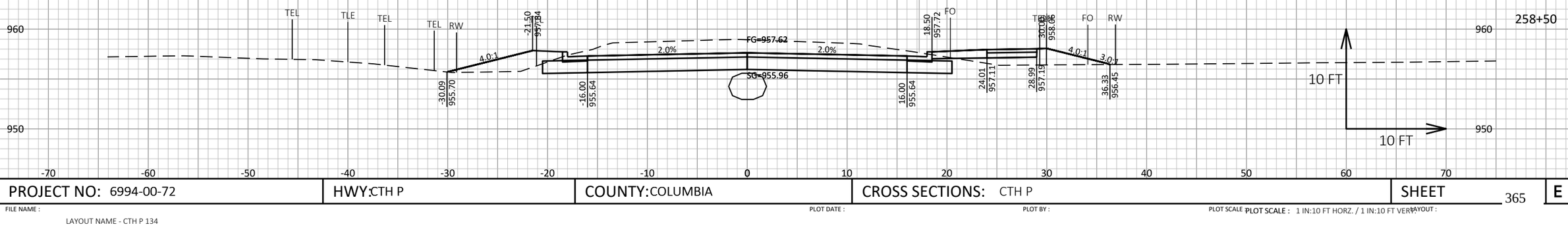
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

STA. 255+82, LT
CONSTRUCT P.E. (ASPHALT)







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9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 365	E

FILE NAME :

LAYOUT NAME - CTH P 134

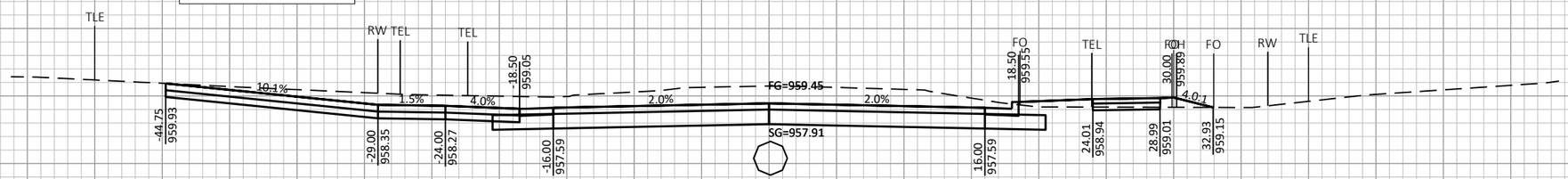
PLOT DATE :

PLOT BY :

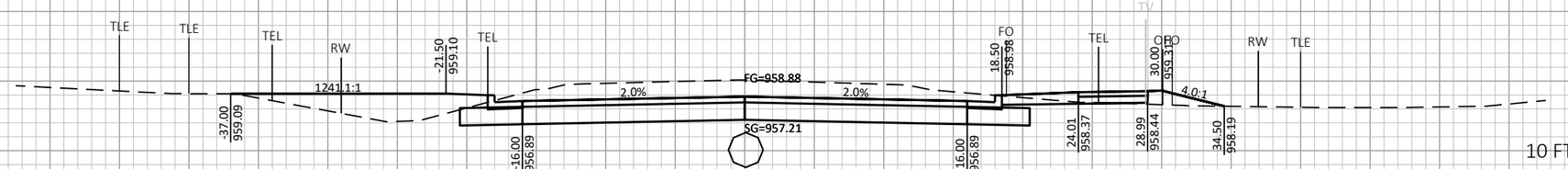
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

STA. 255+82, LT
CONSTRUCT P.E. (ASPHALT)



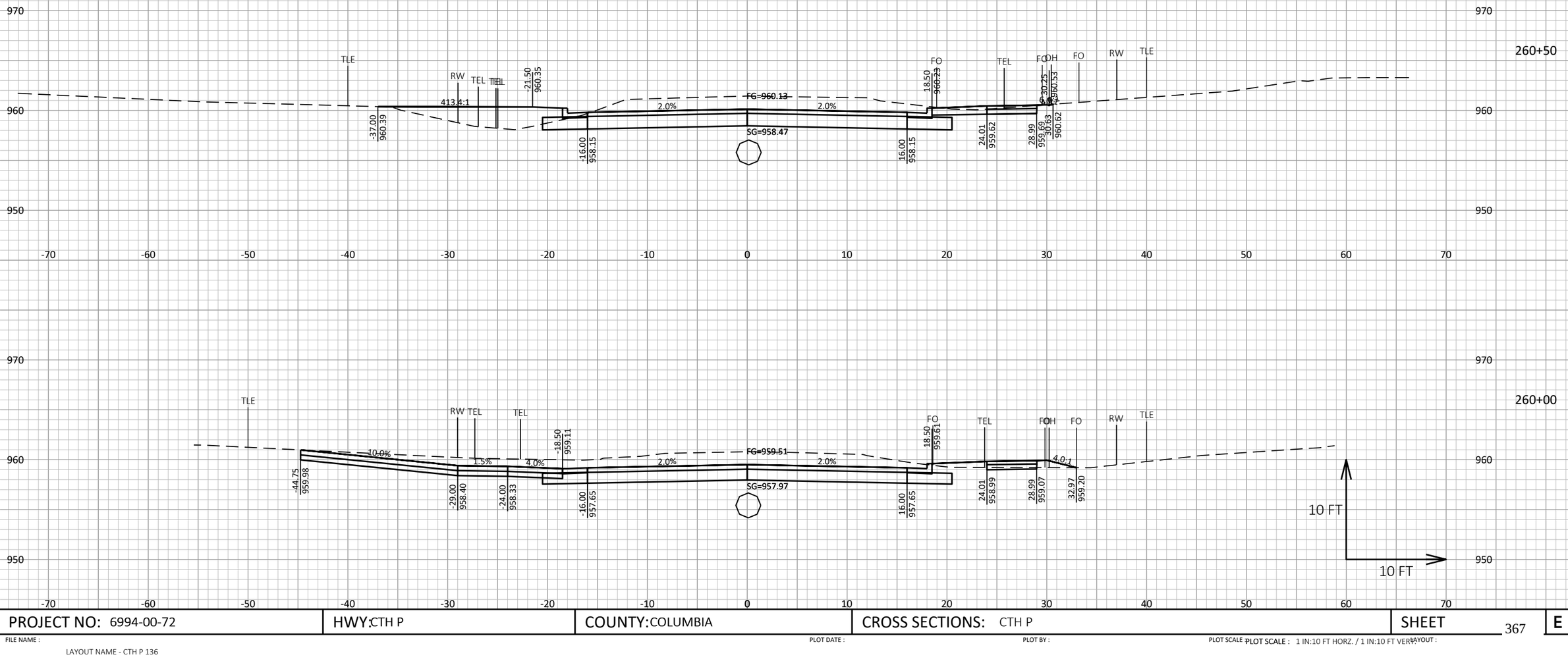
259+95



259+50

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 366	E

FILE NAME :
LAYOUT NAME - CTH P 135
PLOT DATE :
PLOT BY :
PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 367	E

FILE NAME :

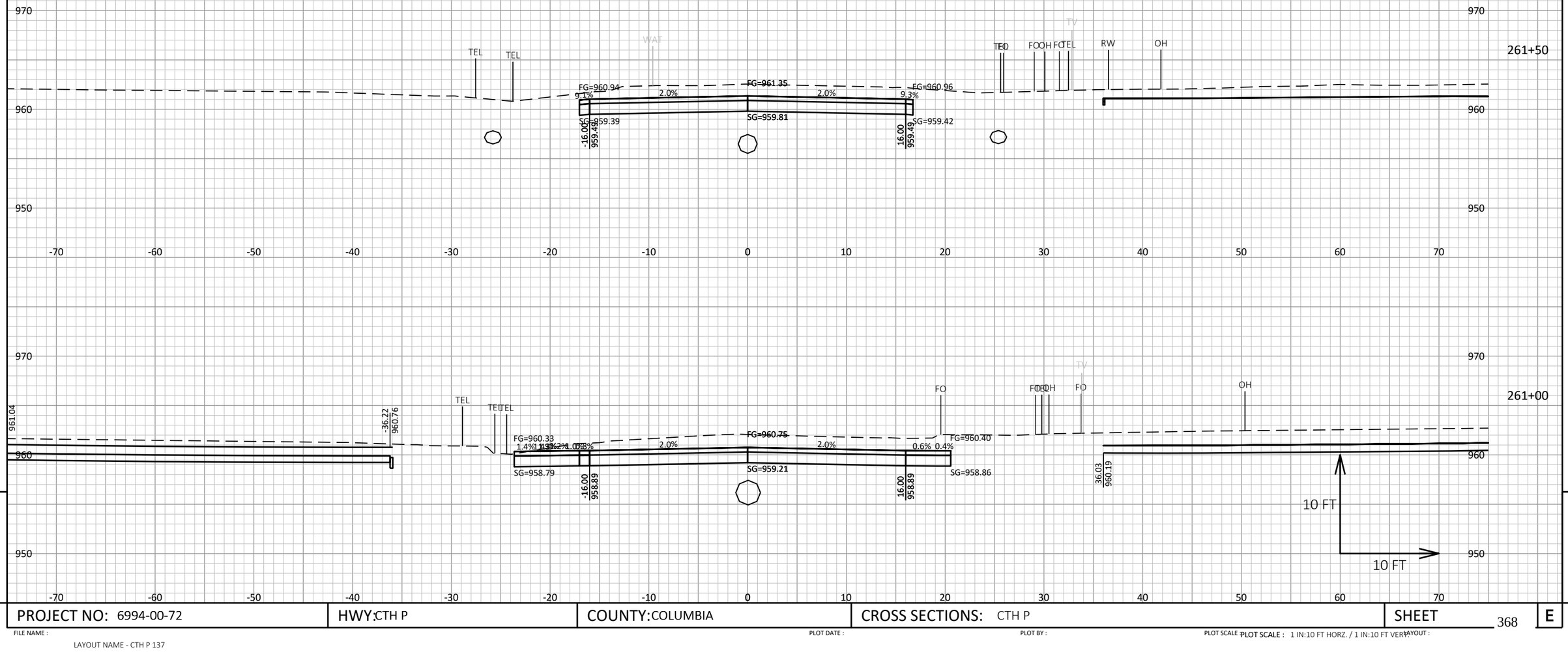
LAYOUT NAME - CTH P 136

PLOT DATE :

PLOT BY :

PLOT SCALE PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 368	E

FILE NAME :

LAYOUT NAME - CTH P 137

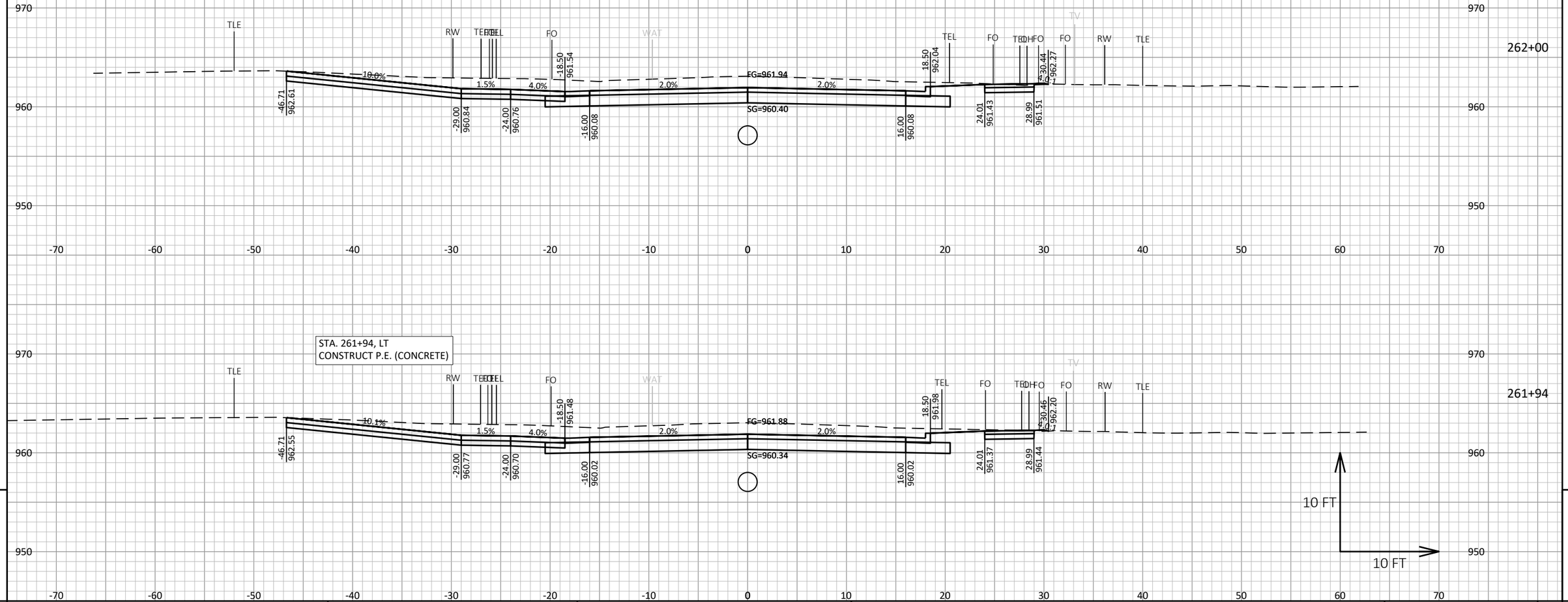
PLOT DATE :

PLOT BY :

PLOT SCALE

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 369	E

FILE NAME :

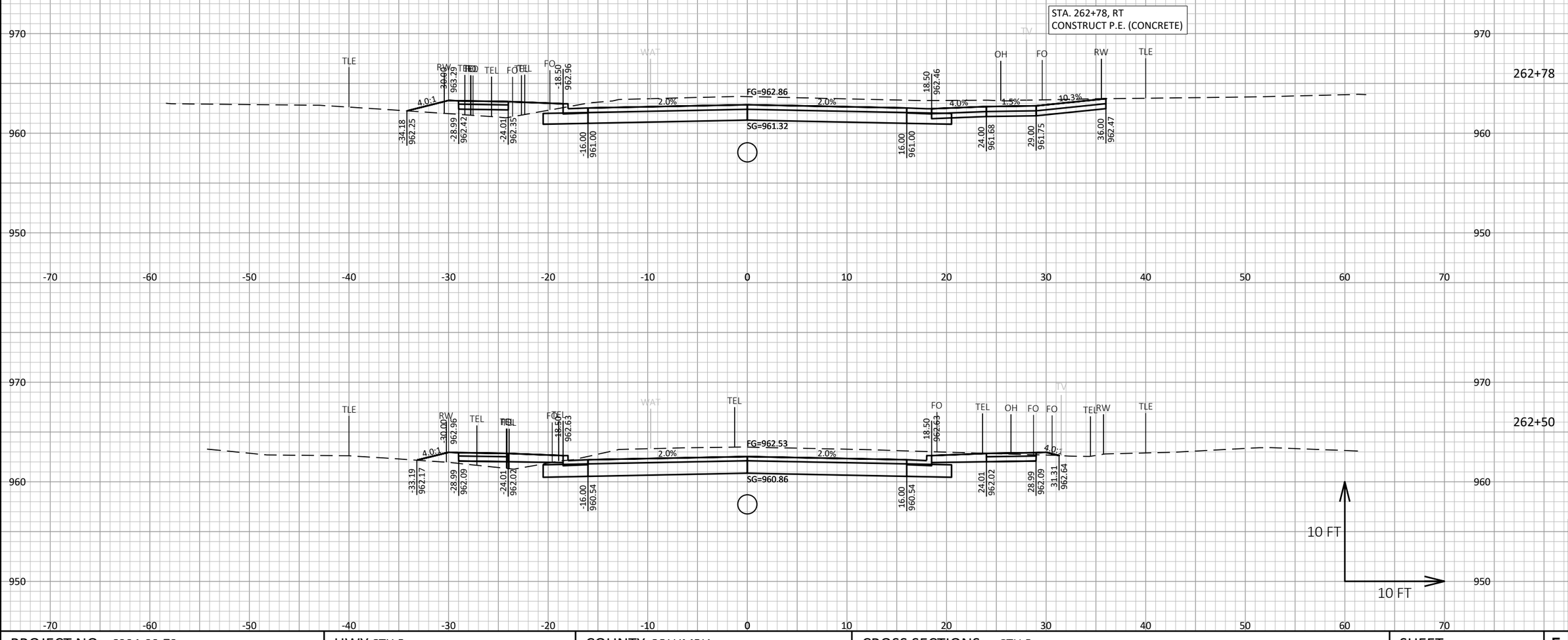
LAYOUT NAME - CTH P 138

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 370	E

FILE NAME :

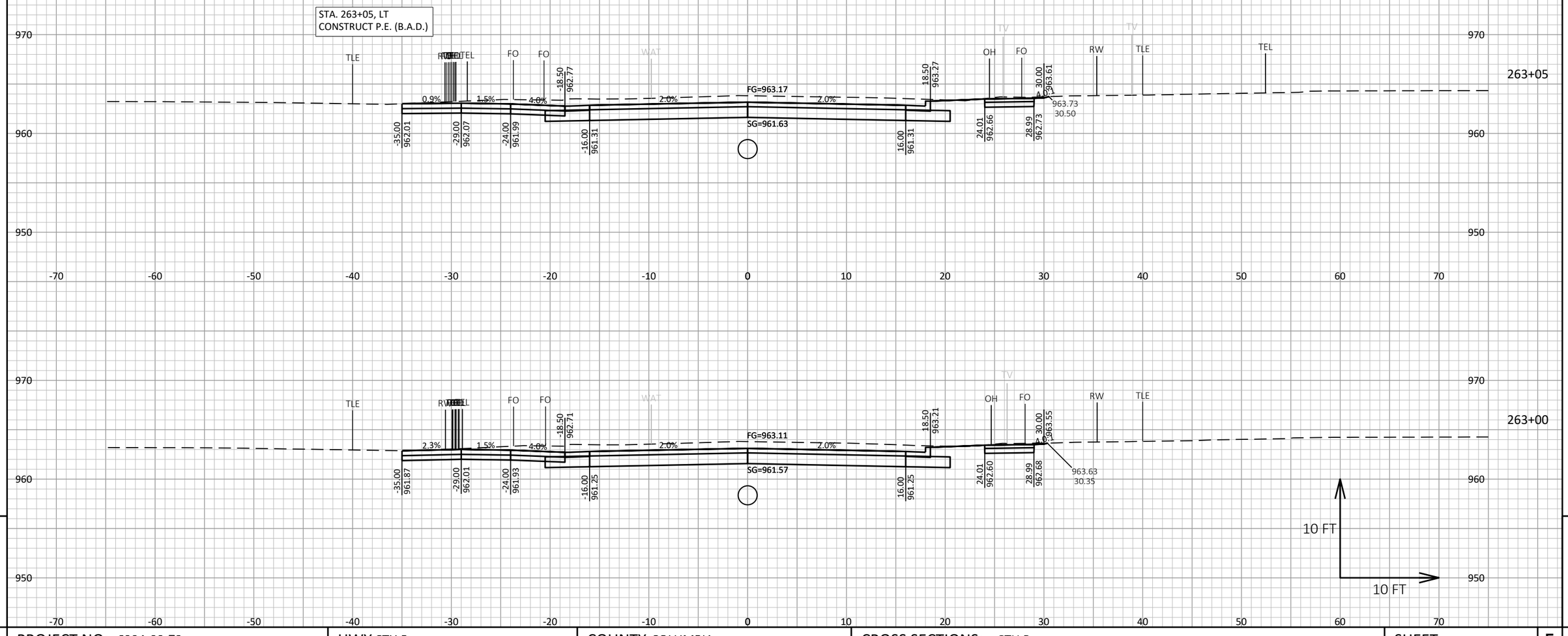
LAYOUT NAME - CTH P 139

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 371	E

FILE NAME :

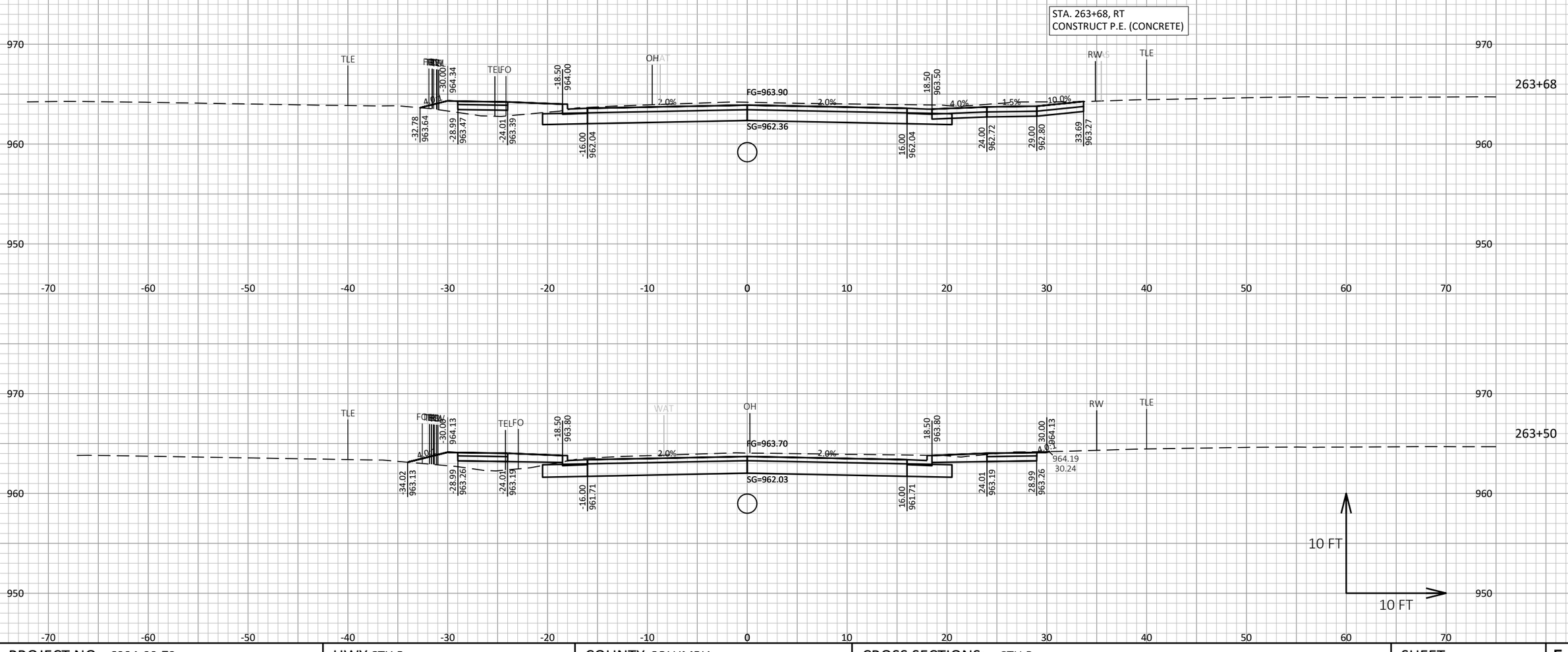
LAYOUT NAME - CTH P 140

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 372	E

FILE NAME :

LAYOUT NAME - CTH P 141

PLOT DATE :

PLOT BY :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LAYOUT :

END PROJECT
STA. 264+58
MATCH EXISTING

264+58

970
960

OH
WAT
GAS

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

STA. 264+50
MATCH EXISTING

264+50

970
960

FO
OH
WAT
GAS
GAS

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

264+00

970
960
950

OH
TLE
WAT
GAS
RW
TLE

-30.95 964.34
-30.07 964.57
-28.99 963.70
-24.01 963.63
-20.89 964.34
-18.39 962.25
19.98 964.35
17.48 962.27
25.50 963.74
30.48 963.82
31.50 964.69
32.54 964.43

2.0%
2.0%
4.0:1

FG=964.28
SG=962.62

10 FT
10 FT

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

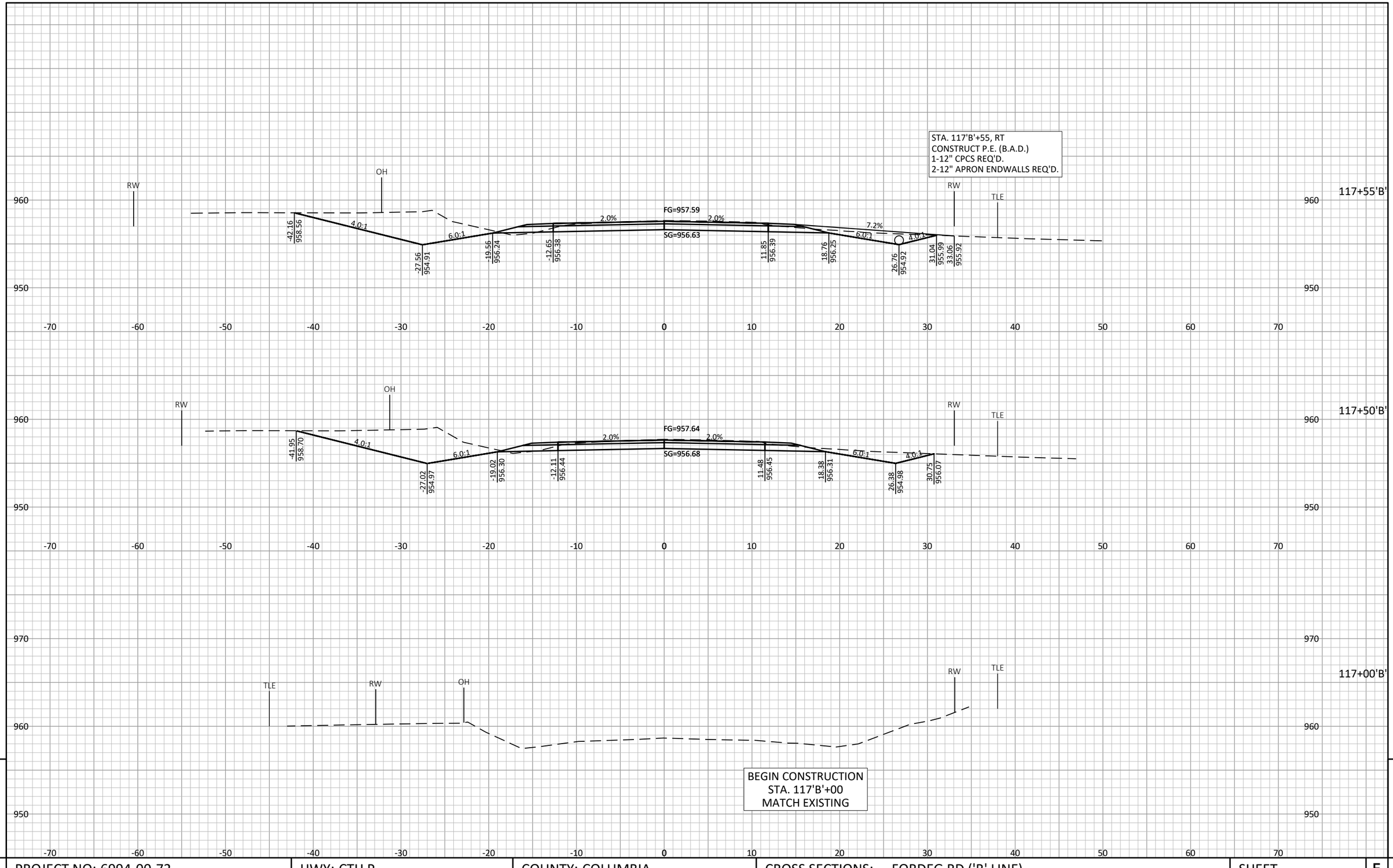
9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: CTH P	SHEET 373	E

FILE NAME :
LAYOUT NAME - CTH P 142

PLOT DATE :
PLOT BY :
PLOT SCALE
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT :

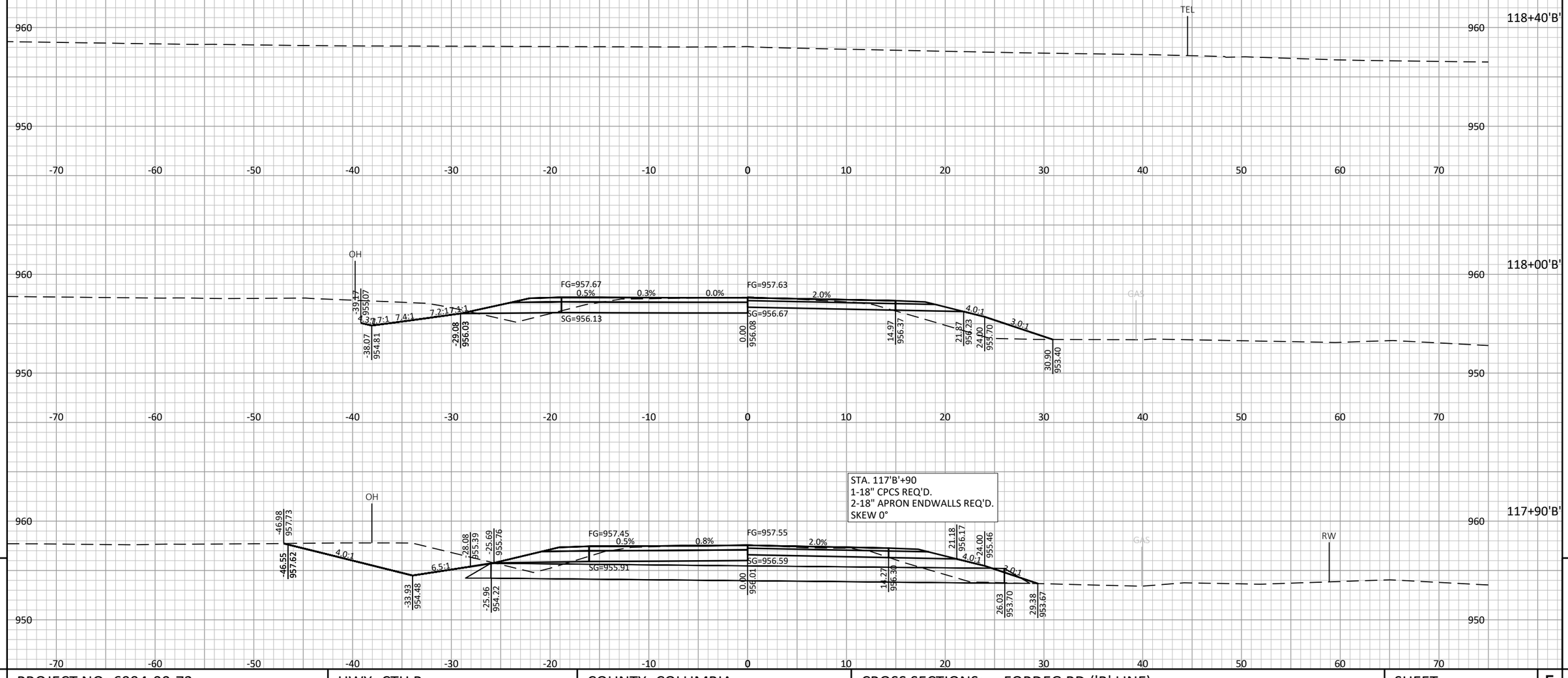


9

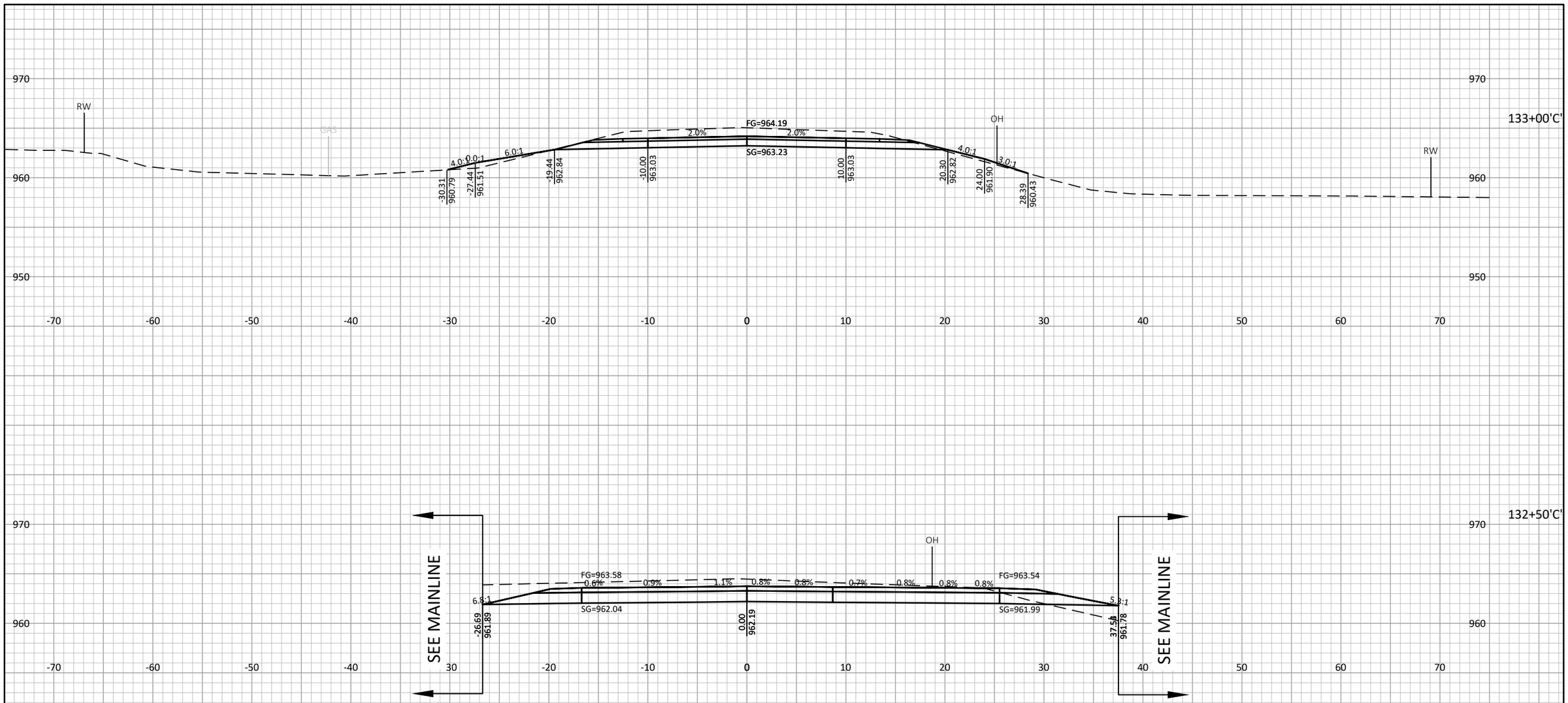
9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: FORDEG RD ('B' LINE)	SHEET 374	E

END CONSTRUCTION
STA. 118'B'+40
MATCH PROPOSED



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: FORDEG RD ('B' LINE)	SHEET 375	E



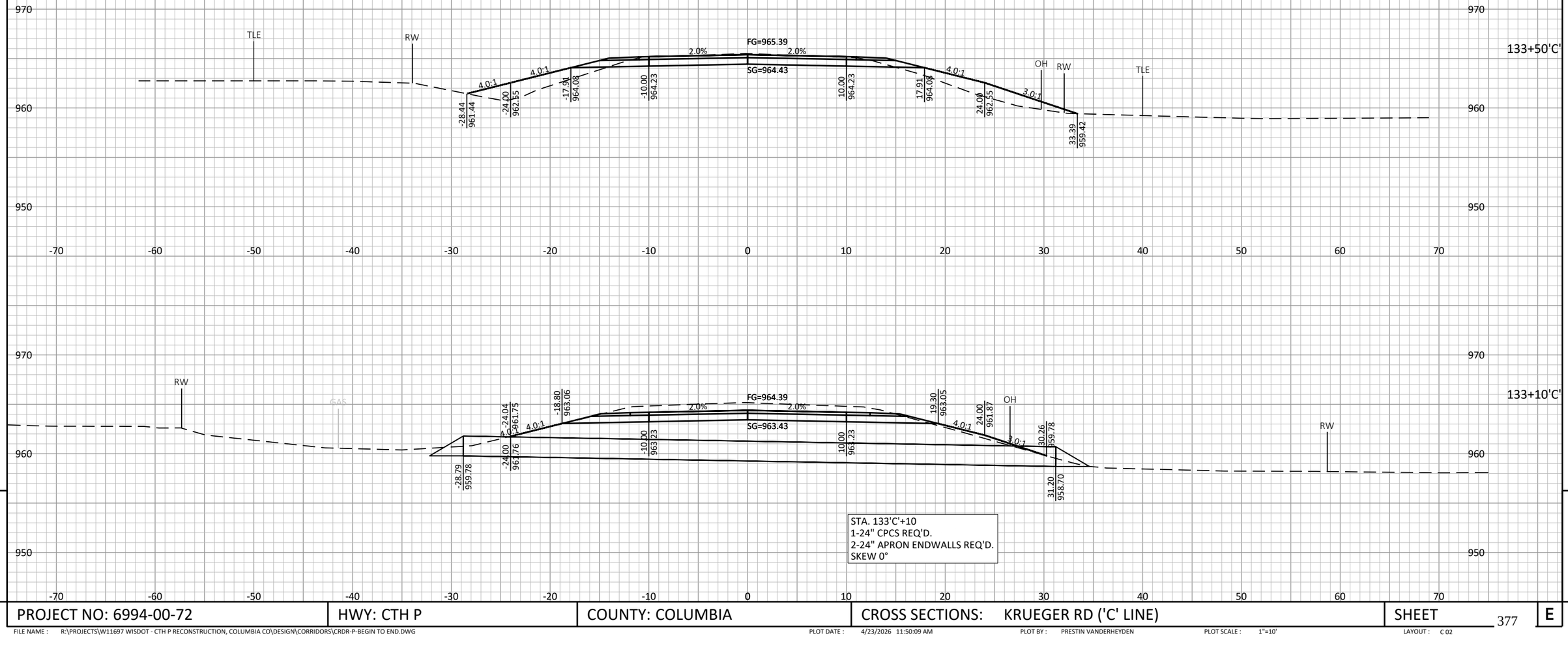
BEGIN CONSTRUCTION
STA. 132'C'+23
MATCH PROPOSED

9

9

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: KRUEGER RD ('C' LINE)	SHEET 376	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\CORRIDORS\CRDR-P-BEGIN TO END.DWG
PLOT DATE : 4/23/2026 11:49:57 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1"=10'
LAYOUT : C 01

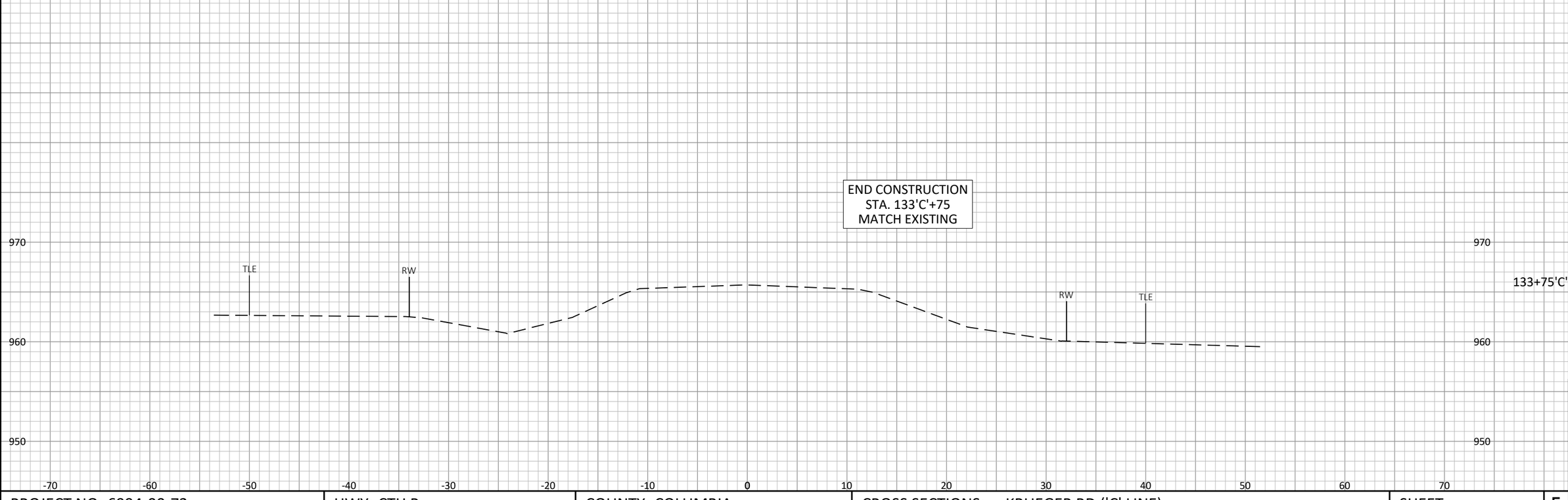


STA. 133'C'+10
1-24" CPCS REQ'D.
2-24" APRON ENDWALLS REQ'D.
SKEW 0°

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: KRUEGER RD ('C' LINE)	SHEET 377	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\CORRIDORS\CRDR-P-BEGIN TO END.DWG
PLOT DATE : 4/23/2026 11:50:09 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1"=10' LAYOUT : C 02

END CONSTRUCTION
STA. 133'C'+75
MATCH EXISTING



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PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: KRUEGER RD ('C' LINE)	SHEET 378	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\CORRIDORS\CRDR-P-BEGIN TO END.DWG
PLOT DATE : 4/23/2026 11:50:20 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1"=10'
LAYOUT : C 03

END CONSTRUCTION
STA. 224'D'+37
MATCH PROPOSED

224+37'D'

224+00'D'

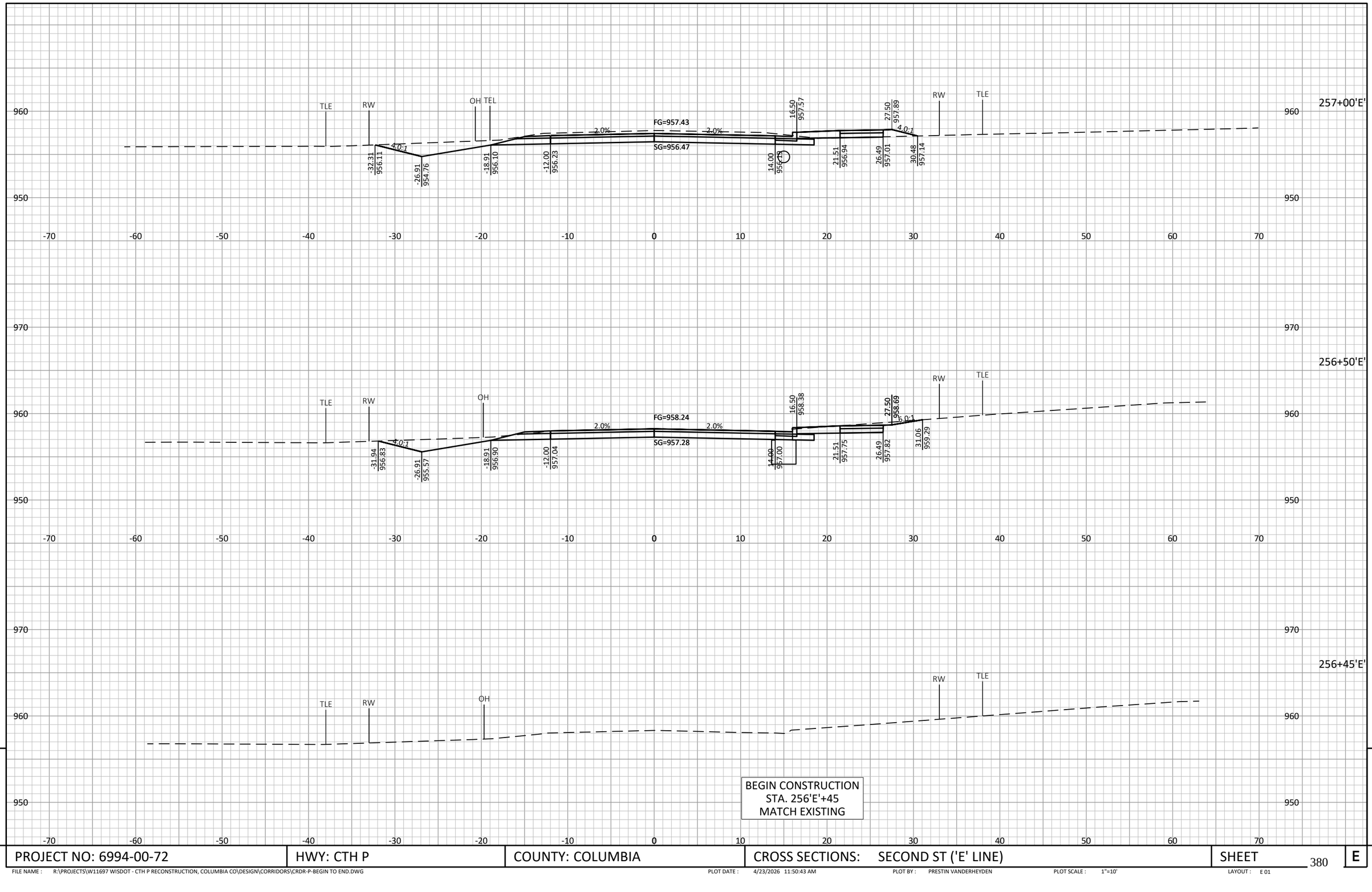
223+50'D'

223+25'D'

BEGIN CONSTRUCTION
STA. 223'D'+25
MATCH EXISTING

PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: JONES RD ('D' LINE)	SHEET 379	E

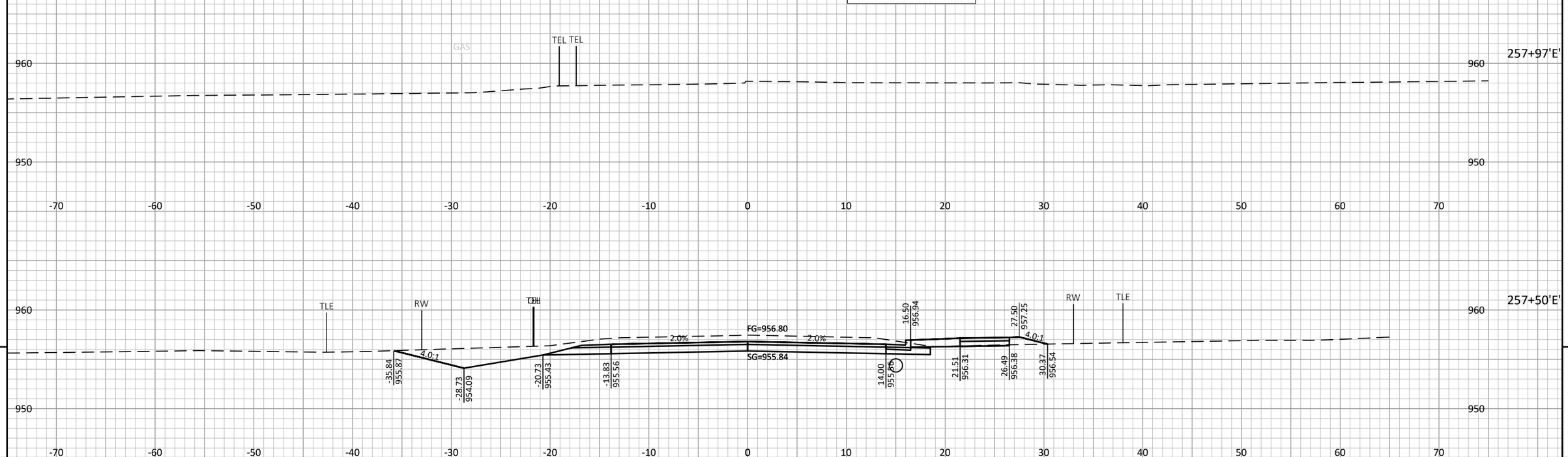
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\CORRIDORS\CRDR-P-BEGIN TO END.DWG
PLOT DATE : 4/23/2026 11:50:32 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1"=10'
LAYOUT : D 01



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: SECOND ST ('E' LINE)	SHEET 380 E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\CORRIDORS\CRDR-P-BEGIN TO END.DWG
PLOT DATE : 4/23/2026 11:50:43 AM
PLOT BY : PRESTIN VANDERHEYDEN
PLOT SCALE : 1"=10'
LAYOUT : E 01

END CONSTRUCTION
STA. 257'E'+97
MATCH PROPOSED



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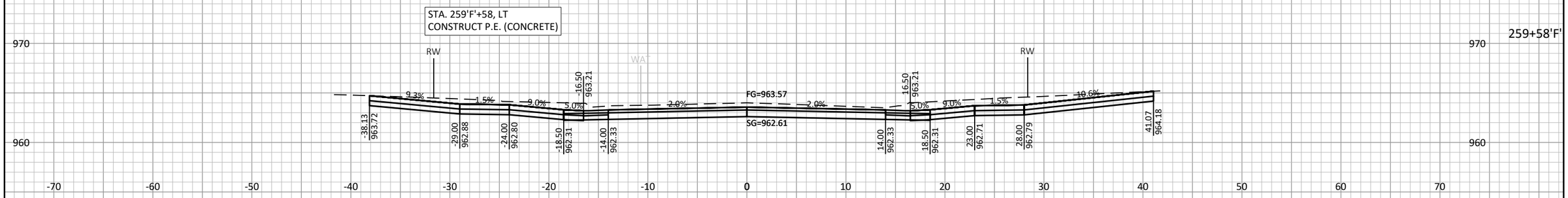
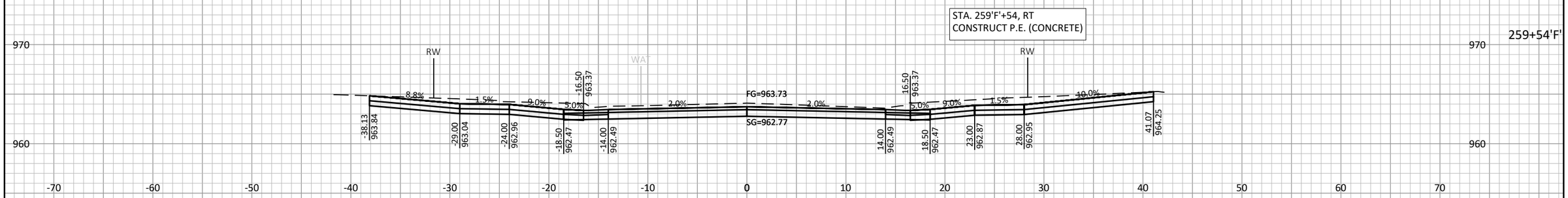
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: SECOND ST ('E' LINE)	SHEET 381	E

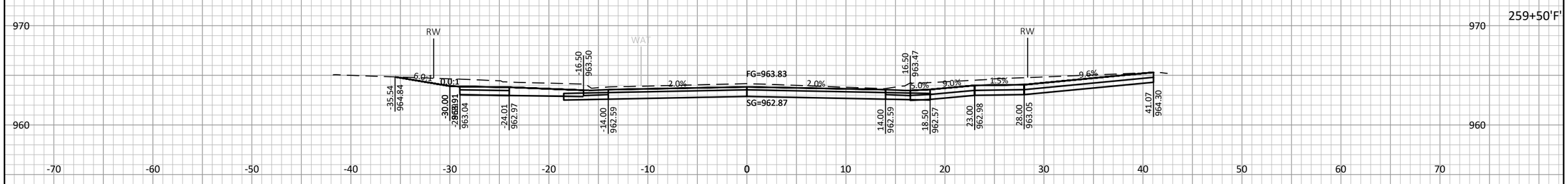
FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\CORRIDORS\CRDR-P-BEGIN TO END.DWG
PLOT DATE : 4/23/2026 11:50:54 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1"=10' LAYOUT : E 02

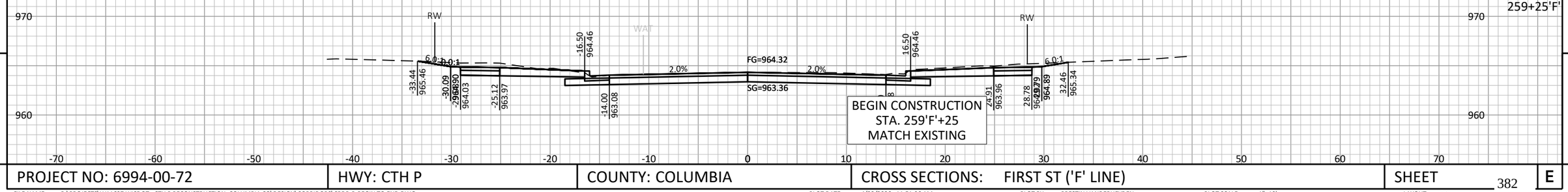
STA. 259'F'+58, LT
CONSTRUCT P.E. (CONCRETE)



STA. 259'F'+54, RT
CONSTRUCT P.E. (CONCRETE)







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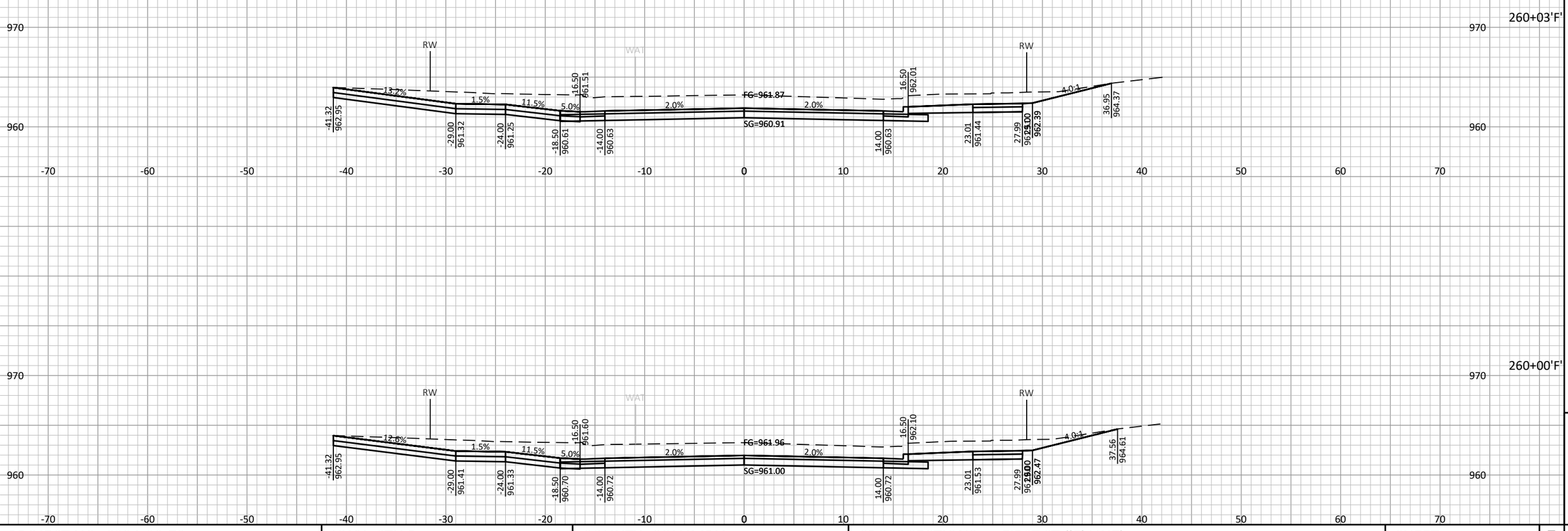
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: FIRST ST ('F' LINE)	SHEET 382	E

STA. 260'F'+03, LT
CONSTRUCT P.E. (CONCRETE)



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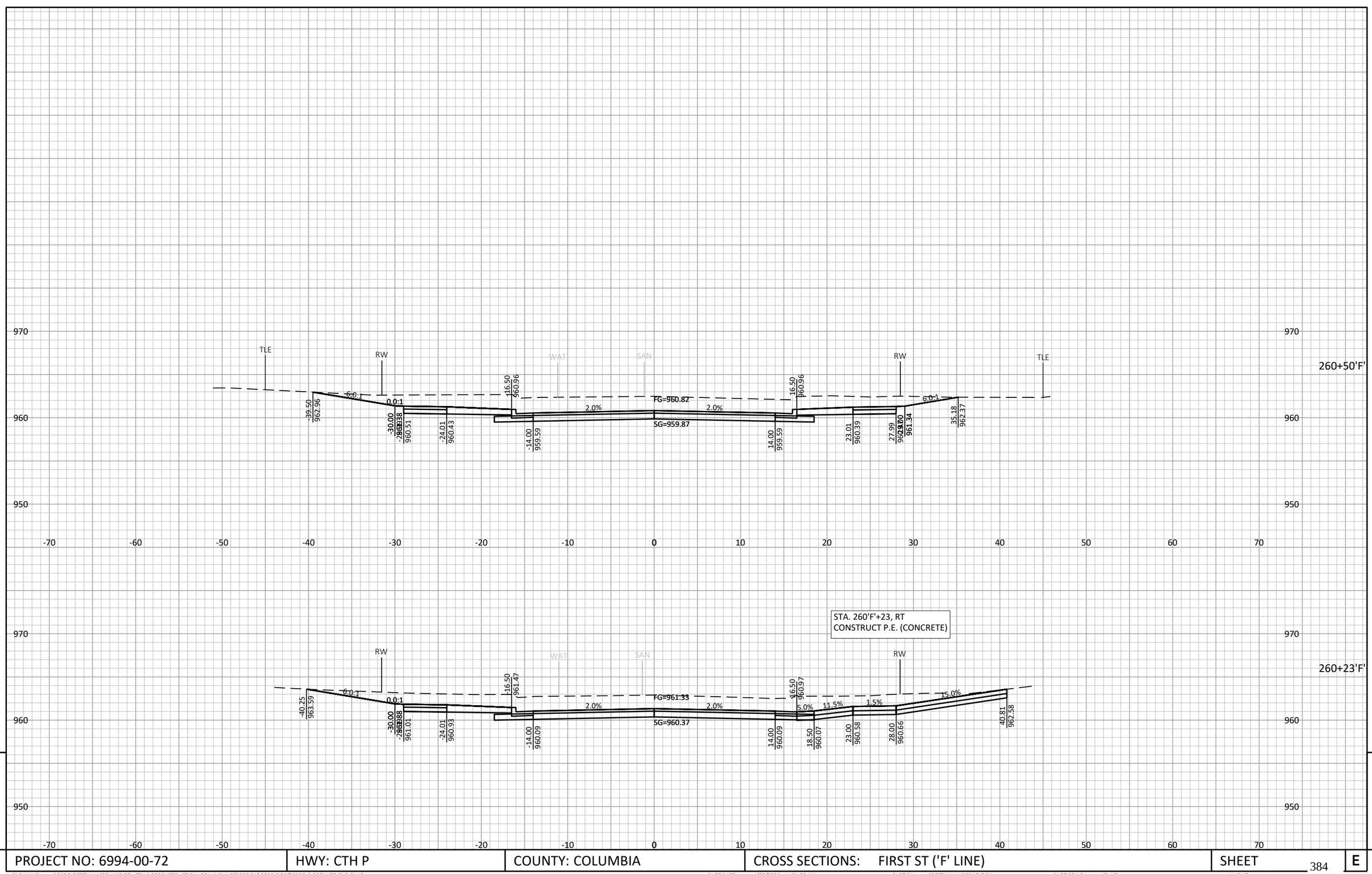
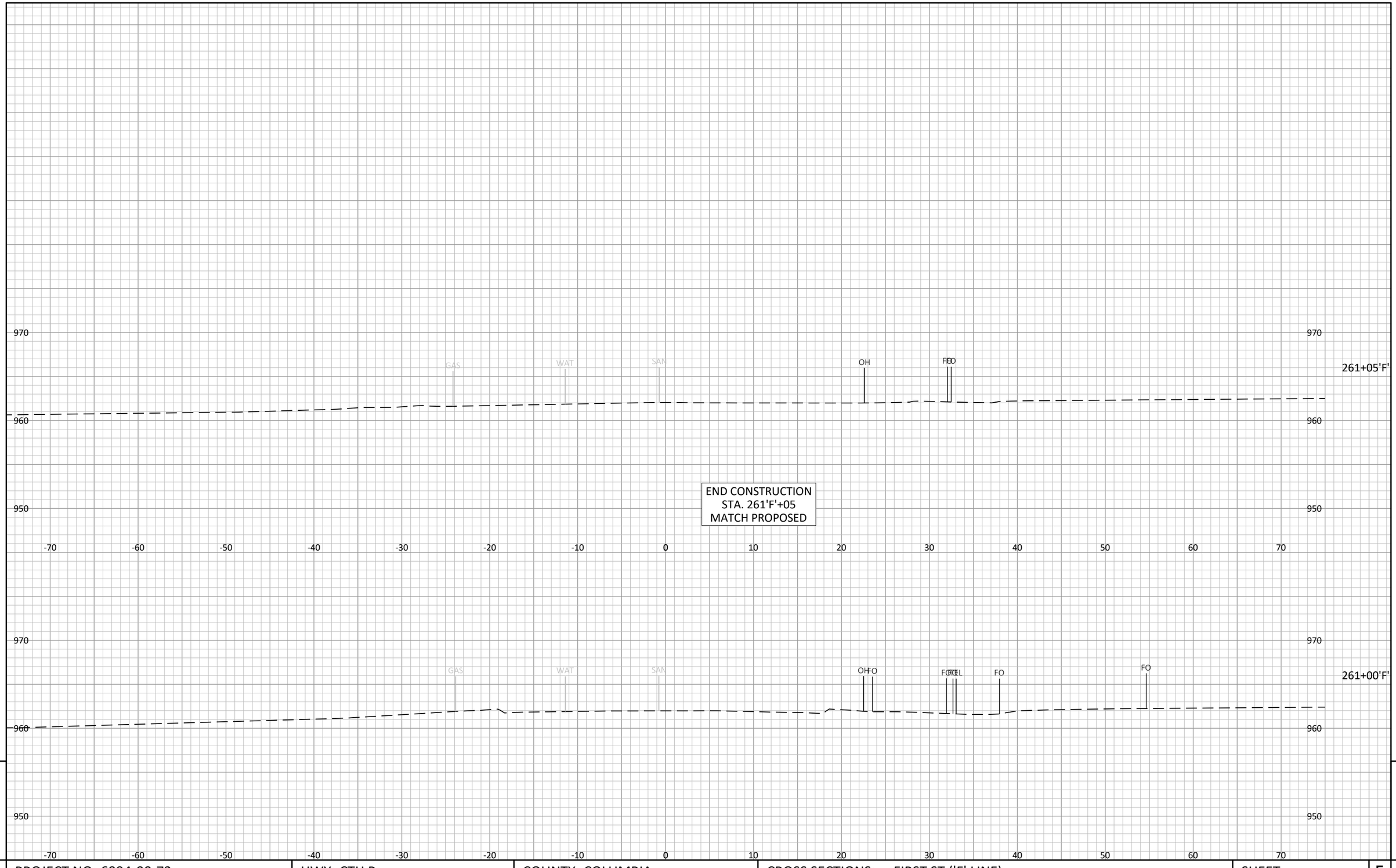
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: FIRST ST ('F' LINE)	SHEET 383	E

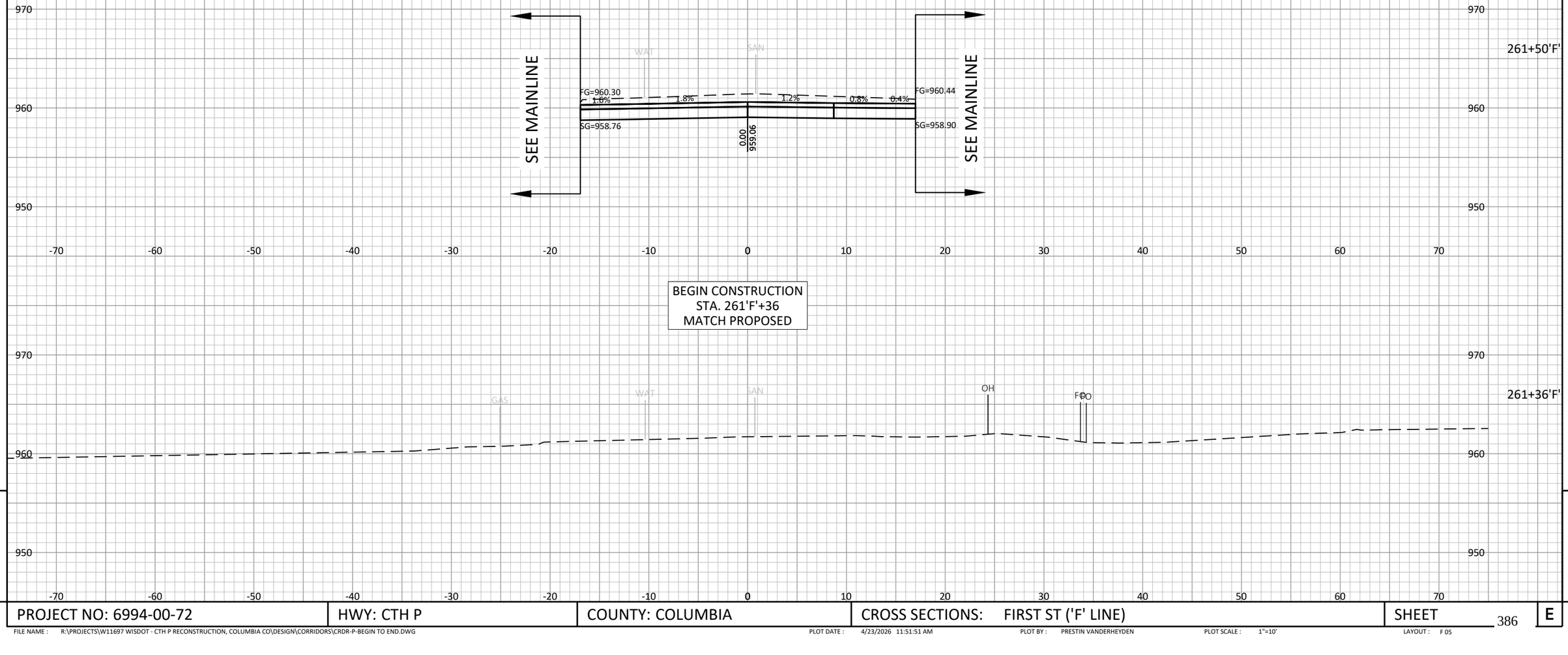


PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: FIRST ST ('F' LINE)	SHEET 384	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\CORRIDORS\CRDR-P-BEGIN TO END.DWG PLOT DATE : 4/23/2026 11:51:29 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1"=10' LAYOUT : F 03



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: FIRST ST ('F' LINE)	SHEET 385	E



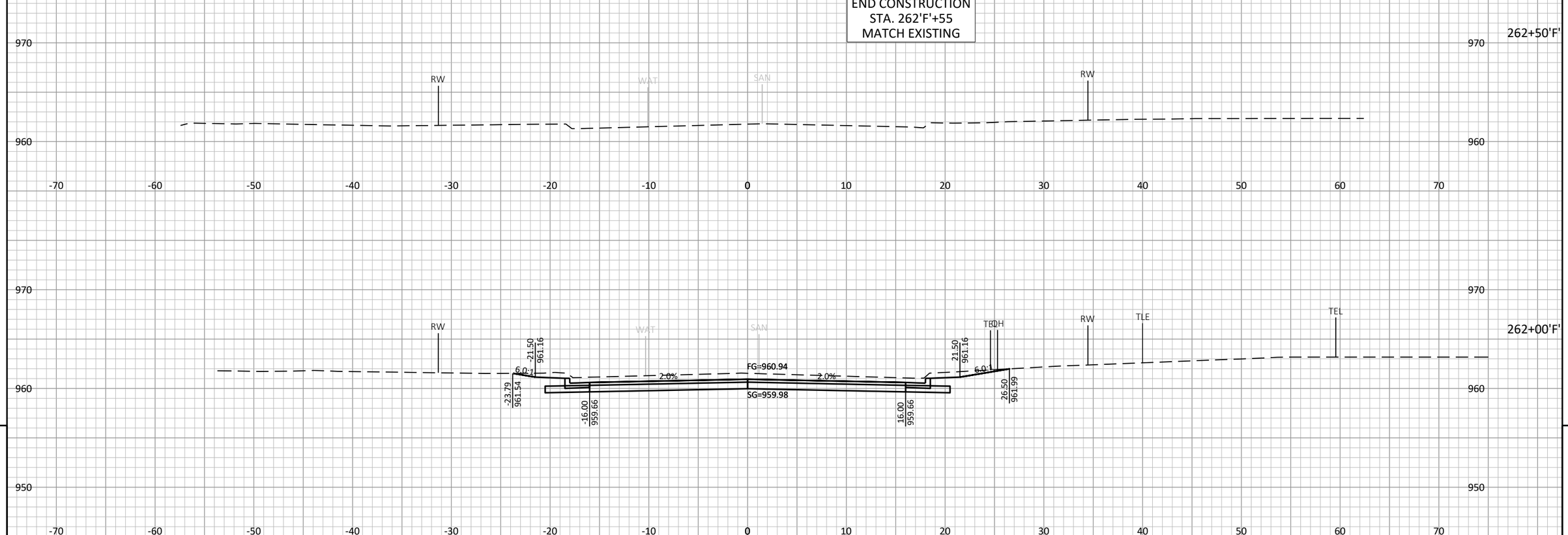
PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: FIRST ST ('F' LINE)	SHEET 386	E

FILE NAME : R:\PROJECTS\W11697 WISDOT - CTH P RECONSTRUCTION, COLUMBIA CO\DESIGN\CORRIDORS\CRDR-P-BEGIN TO END.DWG PLOT DATE : 4/23/2026 11:51:51 AM PLOT BY : PRESTIN VANDERHEYDEN PLOT SCALE : 1"=10' LAYOUT : F 05

END CONSTRUCTION
STA. 262'F'+55
MATCH EXISTING

262+50'F'

262+00'F'



PROJECT NO: 6994-00-72	HWY: CTH P	COUNTY: COLUMBIA	CROSS SECTIONS: FIRST ST ('F' LINE)	SHEET 387	E

Wisconsin Department of Transportation

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