

MAD

NOVEMBER 2022

ORDER OF SHEETS

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

TOTAL SHEETS = 50

PROJECT LOCATION



14

DESIGN DESIGNATION

A.A.D.T.	2023	=	250
A.A.D.T.	2043	=	276
D.H.V.		=	45
D.D.		=	60/40
T.		=	12
DESIGN SPEED		=	30
ESALS		=	88,000

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 PLAN OF PROPOSED IMPROVEMENT

CITY OF EDGERTON, W. FULTON STREET

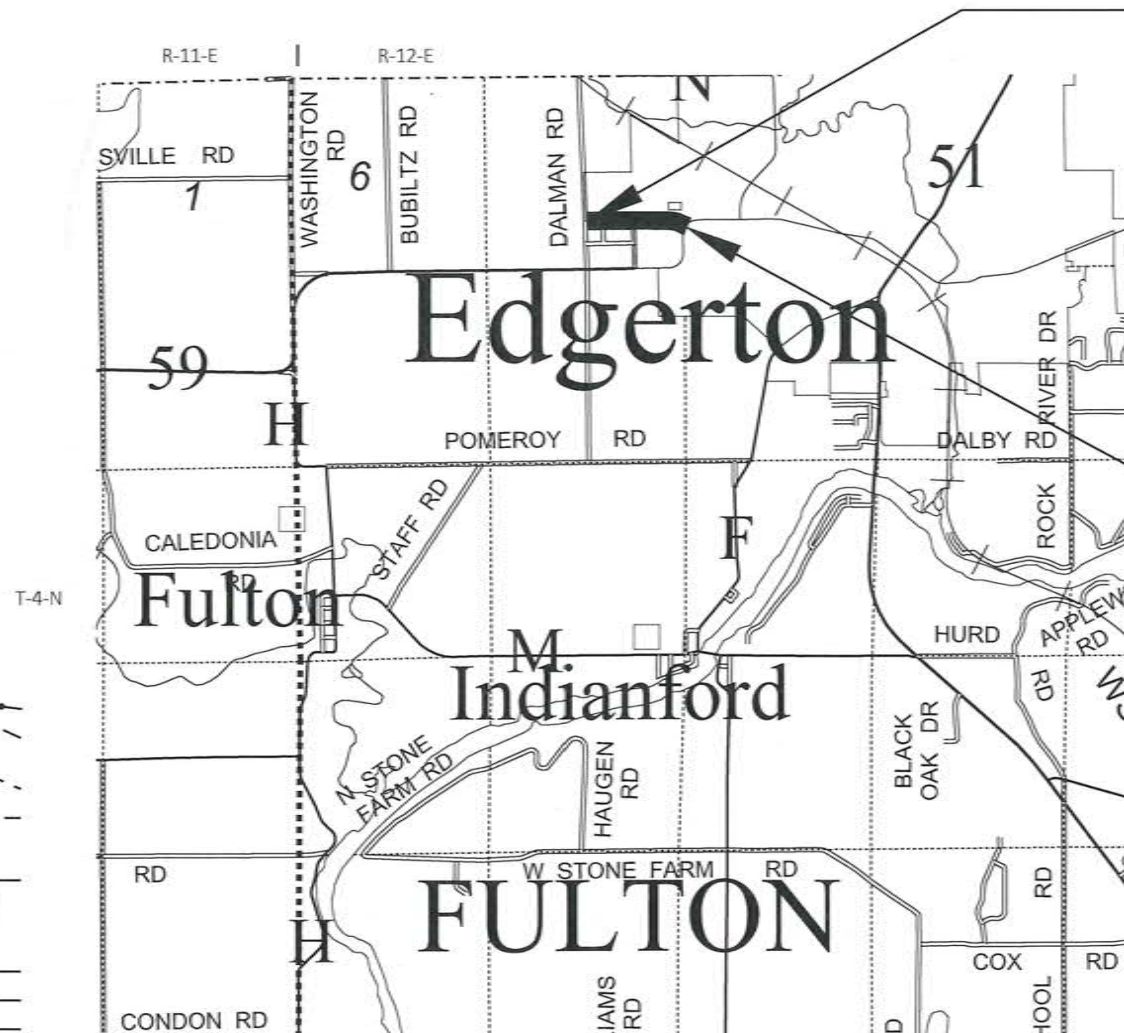
DALLMAN ROAD TO STH 59

LOC STR

ROCK COUNTY

STATE PROJECT NUMBER

5798-01-70



BEGIN PROJECT

STA 10+11.01

Y = 324949.684

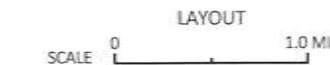
X = 472034.819

END PROJECT

STA 37+17.80

Y = 324949.817

X = 474716.496



TOTAL NET LENGTH OF CENTERLINE = 0.513 MI

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

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5798-01-70	WISC 2023021	1

ACCEPTED FOR
CITY OF EDGERTON
 DATE: 7/27/22 *Donna Pen*
 (Signature)
 City Administrator
 (Title)

ORIGINAL PLANS PREPARED BY
Cedar
 corporation
 MENOMONIE - MADISON - GREEN BAY - CEDARBURG
 www.cedarcorp.com
 800-472-7372



William A. Betzig 7-26-22

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	CEDAR CORPORATION
Designer	CEDAR CORPORATION
Project Manager	ZACH PEARSON, P.E.
Regional Examiner	
Regional Supervisor	

APPROVED FOR THE DEPARTMENT
 DATE: 07/27/22 *Jan*
 (Signature)

E

GENERAL NOTES

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.

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.

BEARINGS REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), ROCK COUNTY.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOP SOILED, FERTILIZED, AND MULCHED.

WHEN THE QUANTITY OF ITEM BASE LAYER OR SURFACE LAYER IS MEASURED FOR PAYMENT BY THE TON, THE THICKNESS OF THE MATERIAL THAT IS SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF MATERIAL AS DIRECTED BY THE ENGINEER.

STANDARD ABBREVIATIONS

ABUT	ABUTMENT	OFF	OFFSET
AGG	AGGREGATE	PC	POINT OF CURVATURE
ET AL	AND OTHERS	PI	POINT OF INTERSECTION
AADT	ANNUAL AVERAGE DAILY TRAFFIC	PT	POINT OF TANGENCY
BF	BACK FACE	POL	POINT ON LINE
BM	BENCHMARK	PE	PRIVATE ENTRANCE
C/L OR €	CENTERLINE	PL	PROPERTY LINE
Δ	CENTRAL ANGLE OR DELTA	PSI	POUNDS/SQUARE INCH
CLR	CLEAR	PROP	PROPOSED
CONC	CONCRETE	R	RADIUS
CONST	CONSTRUCTION	RR	RAILROAD
COR	CORNER	REBAR	REINFORCEMENT BAR
CMP	CORRUGATED METAL PIPE	REQ'D	REQUIRED
CTH	COUNTY TRUNK HIGHWAY	RT	RIGHT
CR	CREEK	RHF	RIGHT-HAND FORWARD
CFS	CUBIC FEET/SECOND	R/W	RIGHT-OF-WAY
CULV	CULVERT	RD	ROAD
D	DEGREE OF CURVE	SEC	SECTION
DHV	DESIGN HOUR VOLUME	S	SOUTH
DIA	DIAMETER	SE	SOUTHEAST
E	EAST	SW	SOUTHWEST
EL	ELEVATION	STH	STATE TRUNK HIGHWAY
EST	ESTIMATED	STA	STATION
FPS	FEET PER SECOND	SE	SUPER ELEVATION
FE	FIELD ENTRANCE	T	TANGENT
FT	FOOT (FEET)	TEL	TELEPHONE
FTG	FOOTING	TEMP	TEMPORARY
FDN	FOUNDATION	TI	TEMPORARY INTEREST
FF	FRONT FACE	TLE	TEMPORARY LIMITED EASEMENT
IP	IRON PIN	TL OR T/L	TRANSIT LINE
LT	LEFT	T	TRUCKS
LHF	LEFT-HAND FORWARD	TYP	TYPICAL
L	LENGTH OF CURVE	U/G	UNDERGROUND
LF	LINEAR FOOT	USH	UNITED STATES HIGHWAY
MAX	MAXIMUM	VAR	VARIABLE
MI	MILE	V	VELOCITY
MIN	MINIMUM	VPC	VERTICAL POINT OF CURVATURE
NC	NORMAL CROWN	VPI	VERTICAL POINT OF INTERSECTION
N	NORTH	VPT	VERTICAL POINT OF TANGENCY
NE	NORTHEAST	W	WEST
NW	NORTHWEST	YB	YARD
NO	NUMBER		

Point #	Description	Station	Offset	Elevation	Description
10	CP	23+71	54' LT	881.353'	CP Nail
11	CP	18+91	80.5' LT	880.649'	CP Nail
12	CP	15+75	18.5' LT	873.440'	CP Nail
13	CP	10+17	28.5' LT	865.027'	CP Nail
14	CP	10+00	27.5' RT	865.379'	CP Nail
17	CP	37+26	1.5' RT	894.803'	CP Nail
18	CP	38+00	15' RT	893.007'	CP Nail
100	BM	28+56	25' LT	886.077'	Hyd, Top Nut
101	BM	23+81	73.5' LT	884.380'	Hyd, Top Nut
120	BM	19+07	73' LT	883.601'	Hyd, Top Nut



Dial 811 or (800)242-8511

www.DiggersHotline.com
 **DENOTES UTILITIES THAT ARE NOT DIGGERS HOTLINE MEMBERS.

UTILITY CONTACTS

SEWER & WATER
 CITY OF EDGERTON
 HOWARD MOSER, Municipal Services Director
 12 ALBION STREET
 EDGERTON, WI 53534
 PHONE:(608) 884-3341
 EMAIL:hmoser@cityofedgerton.com

GAS & ELECTRIC
 ALLIANT ENERGY
 LON KJENDLE
 3730 KENNEDY ROAD
 JANESVILLE, WI 53545
 WORK PHONE: (608) 757-7506
 MOBILE PHONE: (608) 751-9337

TELEPHONE
 FRONTIER COMMUNICATIONS
 JEREMY ZEHR
 1851 N 14TH AVE
 WAUSAU, WI 64401
 PHONE:(715) 243-9293

CABLE TELEVISION
 CHARTER COMMUNICATIONS
 KYLE SMITH
 1348 PLAINFIELD AVENUE
 JANESVILLE, WI 53547
 PHONE:(608) 757-1937
 EMAIL:kyle.smith@charter.com

ELECTRIC
 ROCK ENERGY COOPERATIVE
 AARON RECHLIN
 2815 KENNEDY ROAD / PO BOX 1758
 JANESVILLE, WI 53547
 OFFICE PHONE:(608) 531-6562
 CELL PHONE:(920) 650-1487
 EMAIL:aaronr@rock.coop

DNR CONTACT

DEPARTMENT OF NATURAL RESOURCES
 SOUTH CENTRAL REGION HQ
 3911 FISH HATCHERY ROAD
 FITCHBURG, WI 53711

SHELLEY NELSON
 (608) 444-2835
 Shelley.Nelson@wisconsin.gov

DESIGN CONTACT

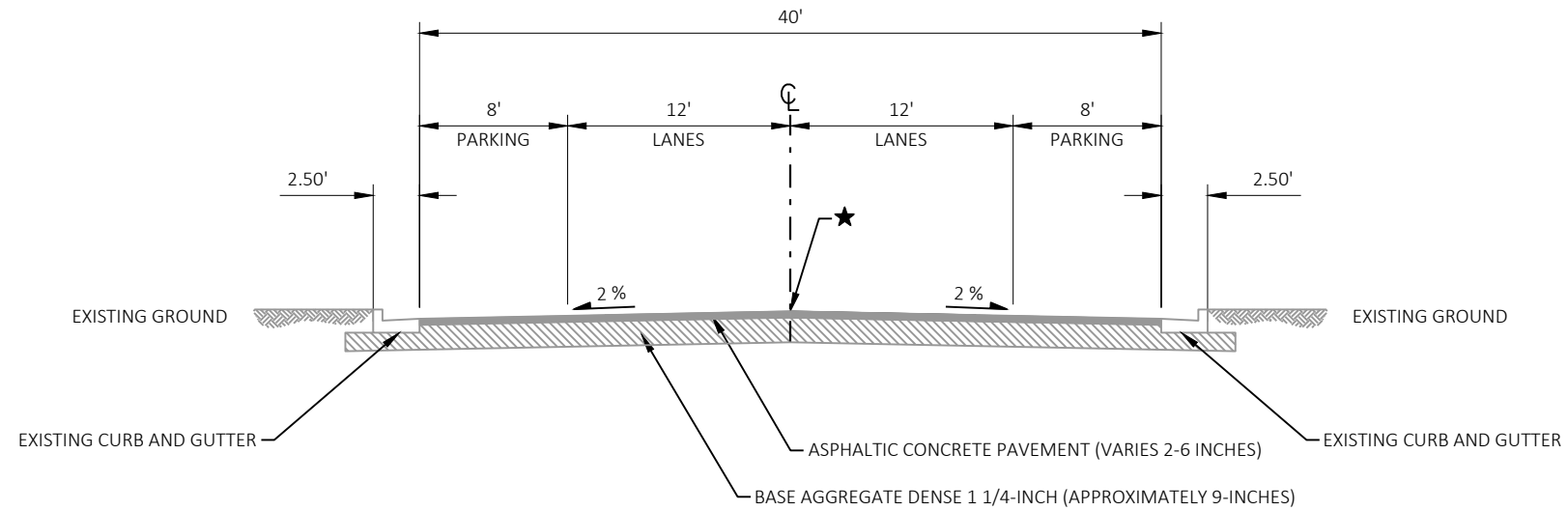
CEDAR CORPORATION
 2820 WALTON COMMONS W, SUITE 142
 MADISON, WI 53718

BILL BETZIG
 (608) 237-5841
 bill.betzig@cedarcorp.com

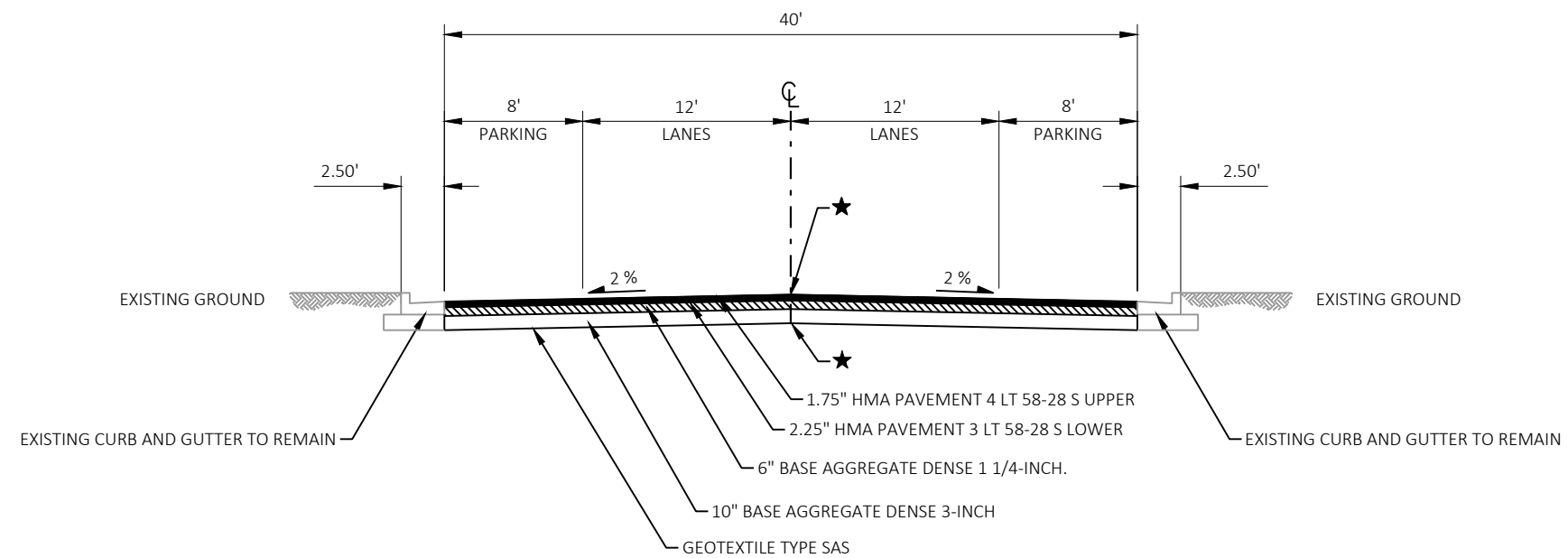
RUNOFF COEFFICIENT TABLE

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

TOTAL PROJECT AREA = 4.10 ACRES
 TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 2.67 ACRES

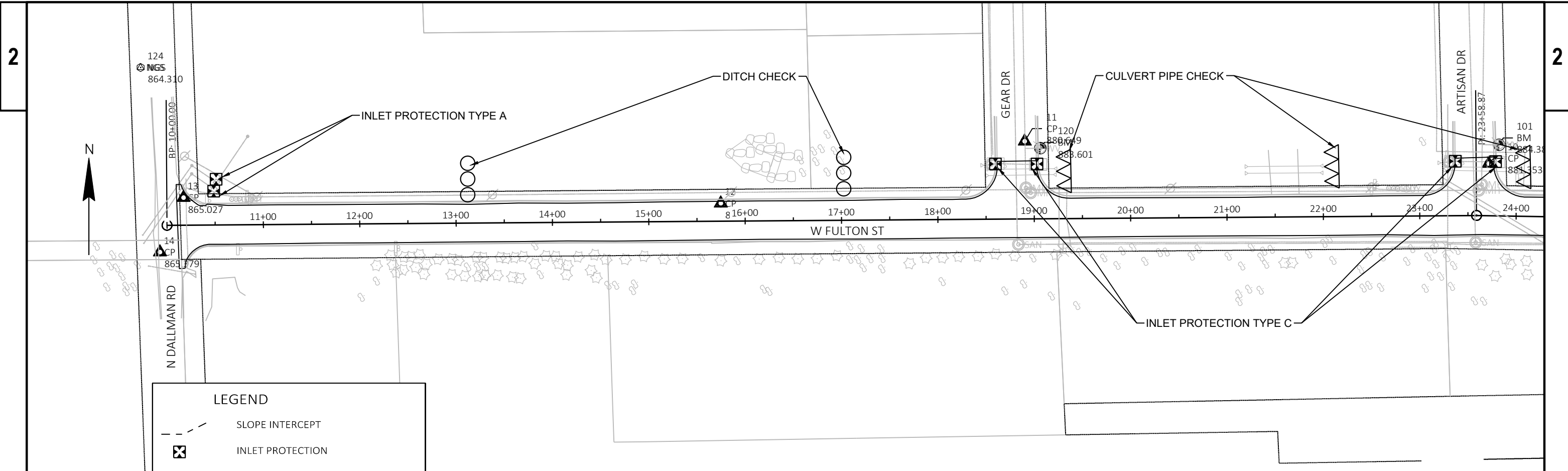


EXISTING TYPICAL SECTION - W. FULTON ST.
STA 10+11.01 TO STA 37+17.80



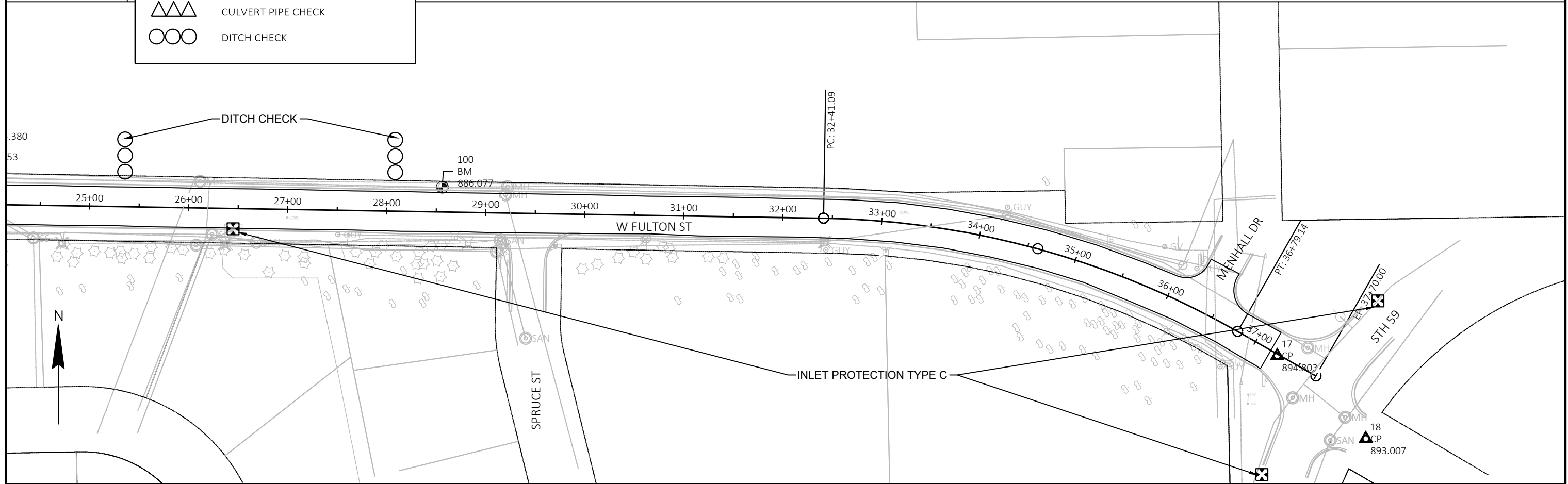
PROPOSED TYPICAL SECTION - W. FULTON ST.
STA 10+11.01 TO STA 37+17.80

★ POINT REFERRED TO ON PROFILE & CROSS SECTION

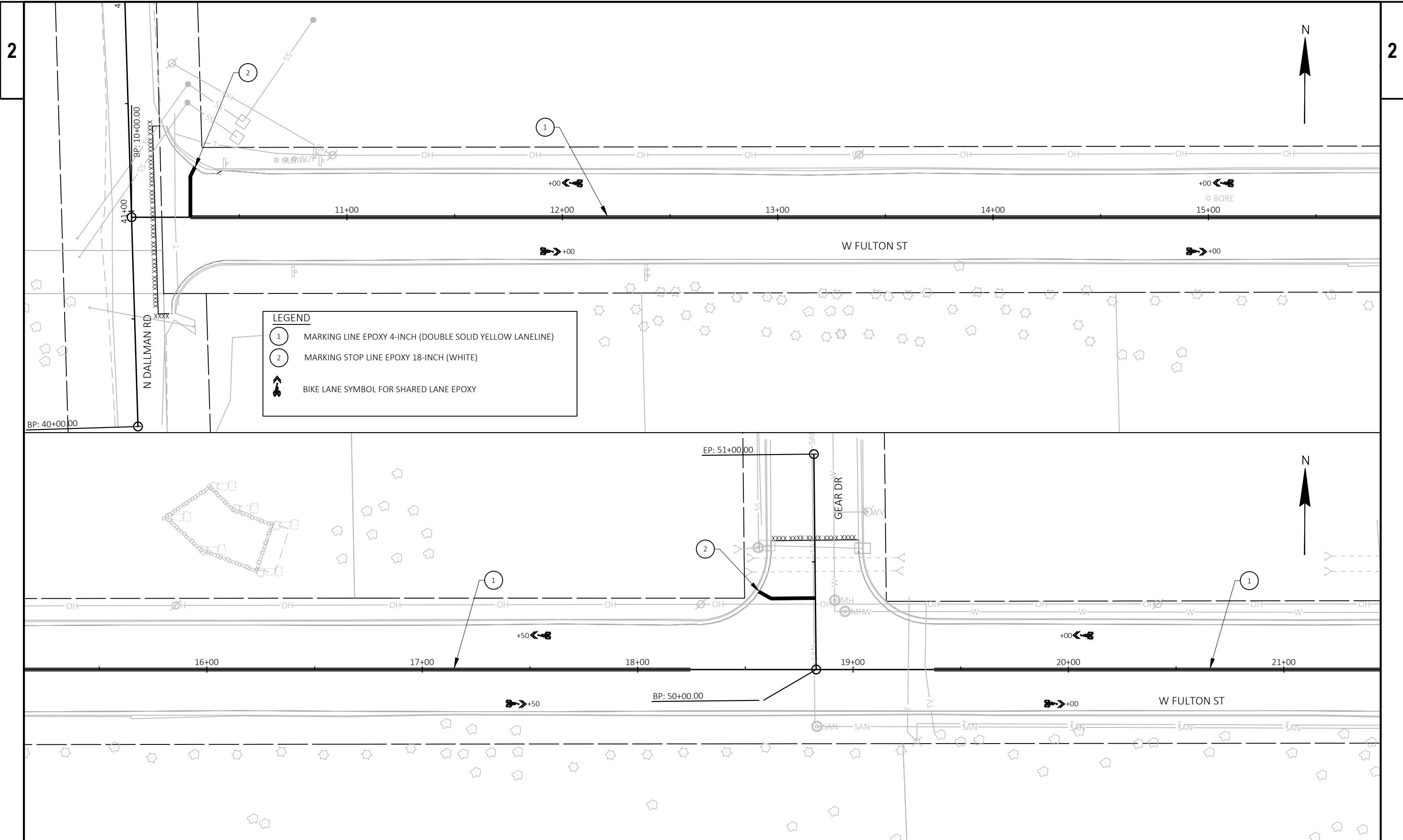


LEGEND

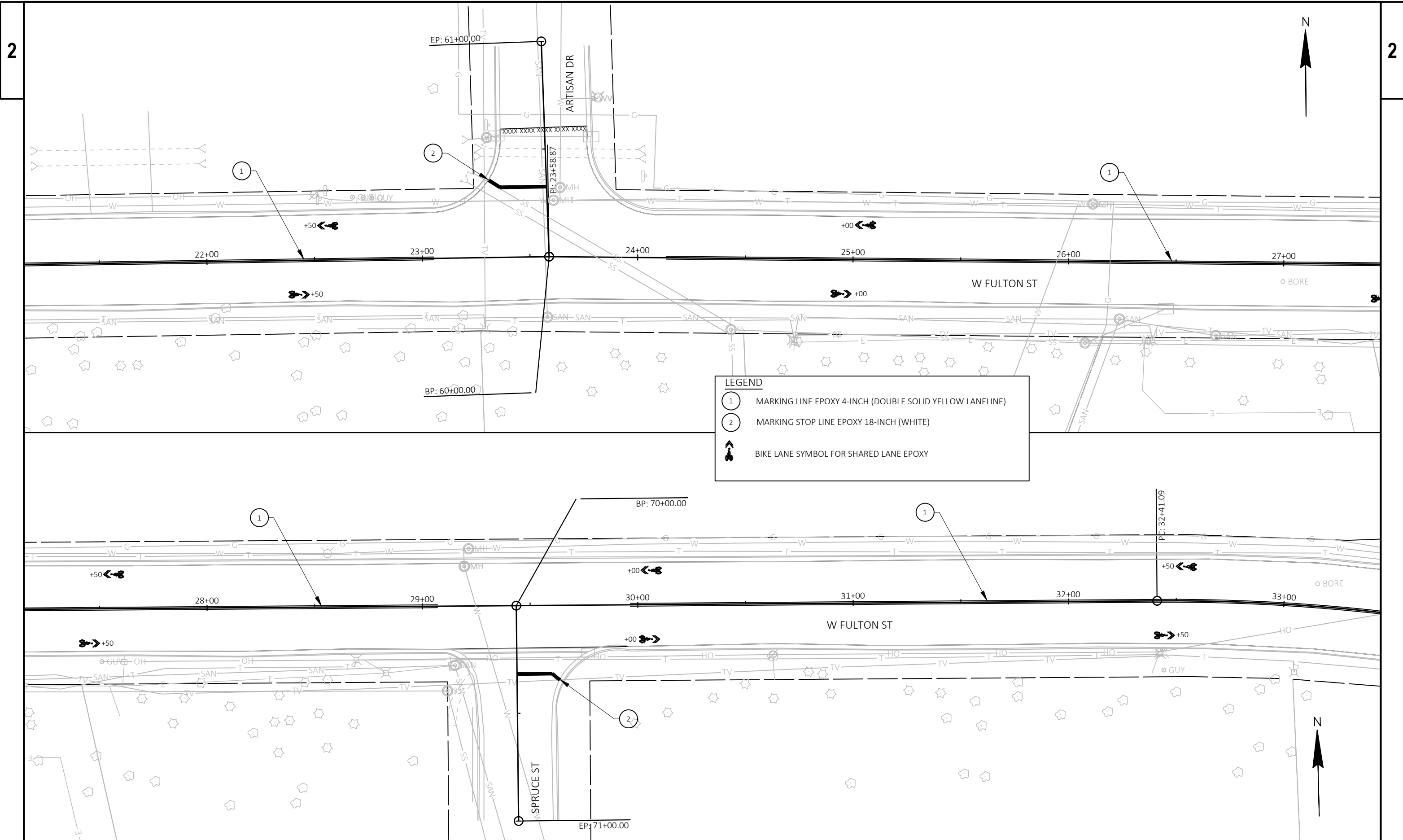
- SLOPE INTERCEPT
- INLET PROTECTION
- CULVERT PIPE CHECK
- DITCH CHECK



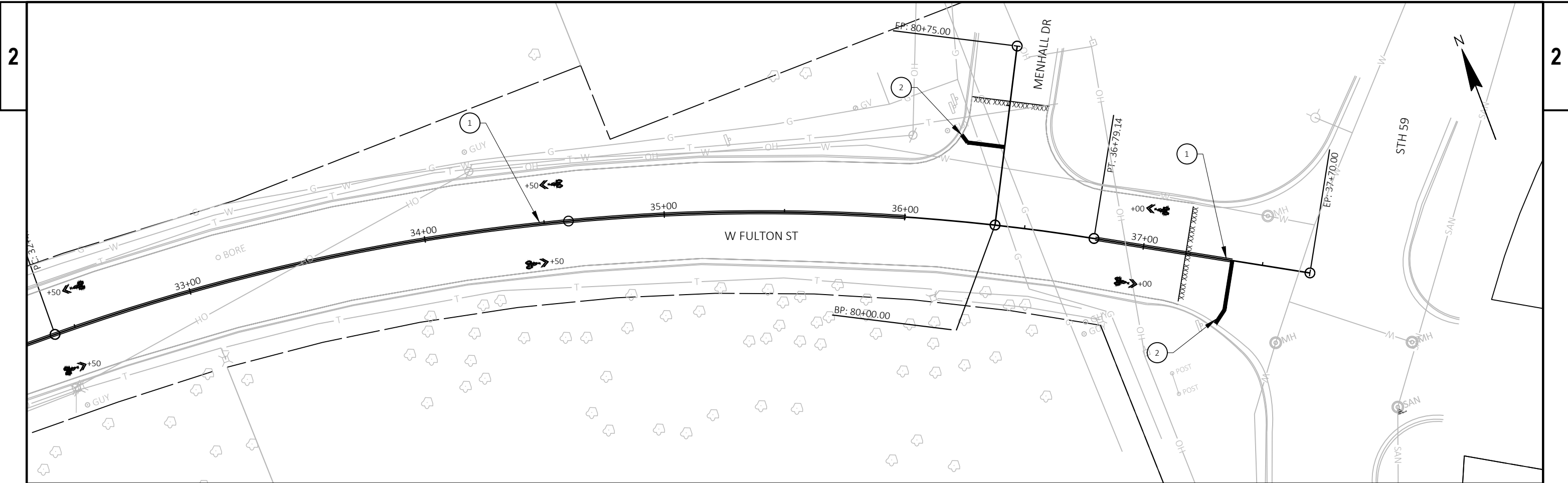
PROJECT NO: 5798-01-70	HWY: WEST FULTON STREET	COUNTY: ROCK	EROSION CONTROL DETAIL	SHEET	E
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PROJECT NO: 5798-01-70	HWY: WEST FULTON STREET	COUNTY: ROCK	PAVEMENT MARKING	SHEET	E
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PROJECT NO: 5798-01-70	HWY: WEST FULTON STREET	COUNTY: ROCK	PAVEMENT MARKING	SHEET	E
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LEGEND	
①	MARKING LINE EPOXY 4-INCH (DOUBLE SOLID YELLOW LANELINE)
②	MARKING STOP LINE EPOXY 18-INCH (WHITE)
🚲	BIKE LANE SYMBOL FOR SHARED LANE EPOXY

GENERAL NOTES

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

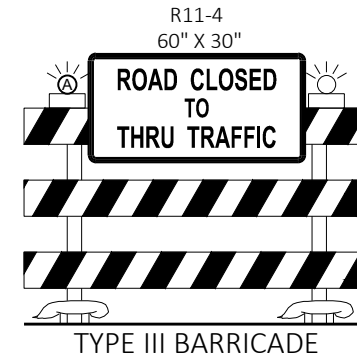
THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

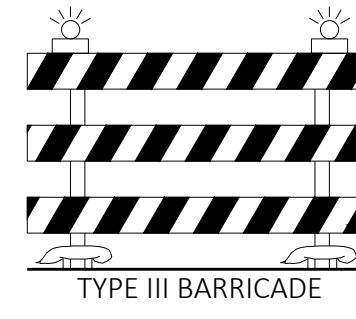
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

LEGEND

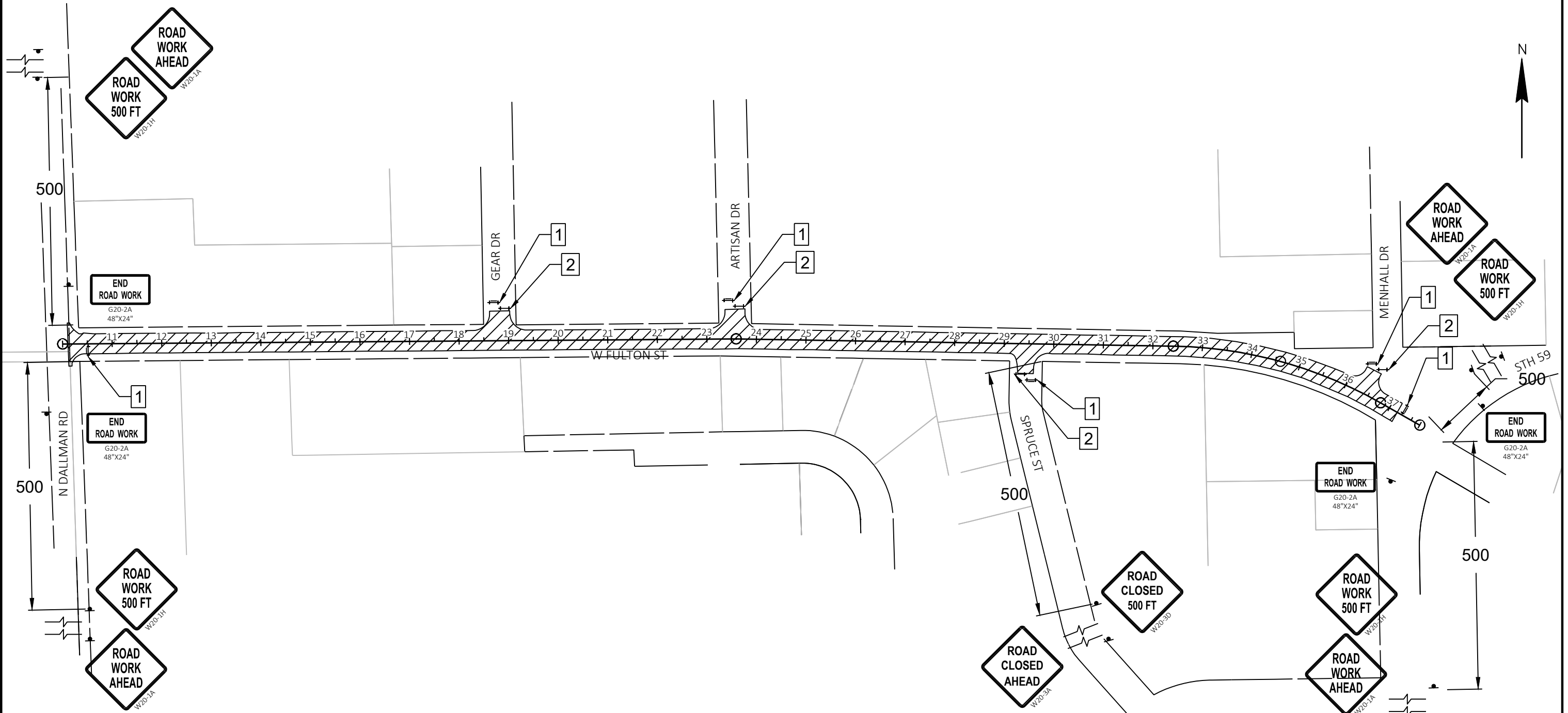
- ↑ TYPE III BARRICADE
- ↑↓ TYPE III BARRICADE WITH ATTACHED SIGN
- ▬ SIGN ON PERMANENT SUPPORT
- ▨ WORK AREA



1



2



Estimate Of Quantities

5798-01-70

Line	Item	Item Description	Unit	Total	Qty
0002	205.0100	Excavation Common	CY	7,241.000	7,241.000
0004	213.0100	Finishing Roadway (project) 01. 5798-01-70	EACH	1.000	1.000
0006	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	4,226.000	4,226.000
0008	305.0130	Base Aggregate Dense 3-Inch	TON	7,044.000	7,044.000
0010	455.0605	Tack Coat	GAL	888.000	888.000
0012	460.2000	Incentive Density HMA Pavement	DOL	1,870.000	1,870.000
0014	460.5223	HMA Pavement 3 LT 58-28 S	TON	1,640.000	1,640.000
0016	460.5224	HMA Pavement 4 LT 58-28 S	TON	1,276.000	1,276.000
0018	611.8110	Adjusting Manhole Covers	EACH	5.000	5.000
0020	618.0100	Maintenance And Repair of Haul Roads (project) 01. 5798-01-70	EACH	1.000	1.000
0022	619.1000	Mobilization	EACH	1.000	1.000
0024	624.0100	Water	MGAL	169.000	169.000
0026	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000
0028	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000
0030	628.7005	Inlet Protection Type A	EACH	2.000	2.000
0032	628.7015	Inlet Protection Type C	EACH	7.000	7.000
0034	628.7504	Temporary Ditch Checks	LF	60.000	60.000
0036	628.7555	Culvert Pipe Checks	EACH	8.000	8.000
0038	642.5001	Field Office Type B	EACH	1.000	1.000
0040	643.0420	Traffic Control Barricades Type III	DAY	420.000	420.000
0042	643.0705	Traffic Control Warning Lights Type A	DAY	420.000	420.000
0044	643.0900	Traffic Control Signs	DAY	700.000	700.000
0046	643.5000	Traffic Control	EACH	1.000	1.000
0048	645.0140	Geotextile Type SAS	SY	12,679.000	12,679.000
0050	646.1020	Marking Line Epoxy 4-Inch	LF	4,642.000	4,642.000
0052	646.5020	Marking Arrow Epoxy	EACH	22.000	22.000
0054	646.5220	Marking Symbol Epoxy	EACH	22.000	22.000
0056	646.6120	Marking Stop Line Epoxy 18-Inch	LF	145.000	145.000
0058	650.4500	Construction Staking Subgrade	LF	2,707.000	2,707.000
0060	650.5000	Construction Staking Base	LF	2,707.000	2,707.000
0062	650.9911	Construction Staking Supplemental Control (project) 01. 5798-01-70	EACH	1.000	1.000
0064	690.0150	Sawing Asphalt	LF	213.000	213.000
0066	740.0440	Incentive IRI Ride	DOL	1,960.000	1,960.000
0068	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000
0070	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	350.000	350.000

STAKING

CATEGORY	STATION	TO	STATION	LOCATION	CONSTRUCTION STAKING SUBGRADE LF	CONSTRUCTION STAKING BASE LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (01. 5798-01-70) EACH	REMARKS
					650.4500	650.5000		
0010	10+11.01	-	37+17.80	W FULTON STREET	2,707	2,707	1	
				TOTAL 0010	2,707	2,707	1	

MISCELLANEOUS

CATEGORY	LOCATION	642.5001 FIELD OFFICE TYPE B EACH	213.0100.01 FINISHING ROADWAY (PROJECT) (01. 5798-01-70) EACH	619.1000 MOBILIZATION EACH	REMARKS
0010	PROJECT	1	1	1	
	TOTAL 0010	1	1	1	

CATEGORY 20

CATEGORY	LOCATION	618.0100.01 MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) (01. TBD) EACH	REMARKS
0020	PROJECT	1	
	TOTAL 0020	1	

BASE AGGREGATES

CATEGORY	STATION	TO	STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4- INCH TON	305.0130 BASE AGGREGATE DENSE 3-INCH TON	624.0100 WATER MGAL	REMARKS
0010	10+11.01	-	37+17.80	W FULTON STREET	4,226	7,044	169	
TOTAL 0010					4,226	7,044	169	

ASPHALT ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	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	645.0140 GEOTEXTILE TYPE SAS SY	REMARKS
0010	10+11.01	-	37+17.80	W FULTON STREET	888	1,640	1,276	12,679	
TOTAL 0010					888	1,640	1,276	12,679	

SAWING

CATEGORY	STATION	SIDE	LOCATION	690.0150 SAWING ASPHALT LF	REMARKS
0010	10+11	LT & RT	W FULTON STREET	98	
0010	23+57	LT	ARTISAN DRIVE	40	
0010	36+38	LT	MENHALL DRIVE	32	
0010	37+18	LT & RT	W FULTON STREET	43	
TOTAL 0010				213	

EROSION CONTROL

CATEGORY	STATION	OFFSET/SIDE	LOCATION	628.7005	628.7015	628.7504	628.7555	REMARKS
				INLET PROTECTION TYPE A EACH	INLET PROTECTION TYPE C EACH	TEMPORARY DITCH CHECKS LF	CULVERT PIPE CHECKS EACH	
0010	10+48	44' LT	W FULTON STREET	2	-	-	2	
0010	13+12	45' LT	W FULTON STREET	-	-	15	-	
0010	17+00	45' LT	W FULTON STREET	-	-	15	-	
0010	18+60	58' LT	GEAR DRIVE	-	2	-	2	
0010	22+04	50' LT	W FULTON STREET	-	-	-	2	
0010	23+40	58' LT	ARTISAN DRIVE	-	2	-	2	
0010	25+38	50' LT	W FULTON STREET	-	-	15	-	
0010	26+45	22' RT	W FULTON STREET	-	1	-	-	
0010	29+50	32' RT	SPRUCE STREET	-	-	15	-	
0010	37+70	50' LT&RT	STH 59	-	2	-	-	
TOTAL 0010				2	7	60	8	

EROSION CONTROL MOBILIZATION

CATEGORY	STATION	TO	STATION	LOCATION	628.1905	628.1910	REMARKS
					MOBILIZATIONS EROSION CONTROL EACH	MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	
0010	10+11.01	-	37+17.80	W FULTON STREET	1	1	
TOTAL 0010					1	1	

ADJUSTING MANHOLES

CATEGORY	STATION	Offset/Side	LOCATION	611.8110	REMARKS
				ADJUSTING MANHOLE COVERS EACH	
0020	18+91	32' LT	WEST FULTON STREET	1	WATER MANHOLE
0020	18+96	27' LT	WEST FULTON STREET	1	WATER MANHOLE
0020	23+61	26' LT	WEST FULTON STREET	1	WATER MANHOLE
0020	23+64	34' LT	WEST FULTON STREET	1	WATER MANHOLE
0020	29+20	18' LT	WEST FULTON STREET	1	WATER MANHOLE
TOTAL 0020				5	

3

3

PAVEMENT MARKING

CATEGORY	STATION	TO	STATION	LOCATION	646.1020	646.5020	646.5220	646.6120	REMARKS
					MARKING LINE EPOXY 4-INCH YELLOW LF	MARKING ARROW EPOXY EACH	MARKING SYMBOL EPOXY EACH	MARKING STOP LINE EPOXY 18- INCH LF	
0010	10+27	-	37+37	W FULTON STREET	4,642	-	-	-	
0010		10+27		W FULTON STREET	-	-	-	24	
0010		12+00		W FULTON STREET	-	2	2	-	
0010		15+00		W FULTON STREET	-	2	2	-	
0010		17+50		W FULTON STREET	-	2	2	-	
0010		18+75		GEAR DRIVE	-	-	-	27	
0010		20+00		W FULTON STREET	-	2	2	-	
0010		22+50		W FULTON STREET	-	2	2	-	
0010		23+50		ARTISAN DRIVE	-	-	-	28	
0010		25+00		W FULTON STREET	-	2	2	-	
0010		27+50		W FULTON STREET	-	2	2	-	
0010		29+75		SPRUCE STREET	-	-	-	18	
0010		30+00		W FULTON STREET	-	2	2	-	
0010		32+50		W FULTON STREET	-	2	2	-	
0010		34+50		W FULTON STREET	-	2	2	-	
0010		36+25		MENHALL DRIVE	-	-	-	20	
0010		37+00		W FULTON STREET	-	2	2	-	
0010		37+37		W FULTON STREET	-	-	-	28	
TOTAL 0010					4,642	22	22	145	

TRAFFIC CONTROL

CATEGORY	LOCATION	ESTIMATED DAYS	643.0420		643.0705		643.0900		643.5000	REMARKS
			No.	DAY	No.	DAY	No.	DAY	EACH	
0010	N DALLMAN ROAD	35	-	-	-	-	6	210	-	
0010	WEST FULTON STREET	35	4	140	4	140	2	70	-	
0010	GEAR DRIVE	35	2	70	2	70	1	35	-	
0010	ARTISAN DRIVE	35	2	70	2	70	1	35	-	
0010	SPRUCE STREET	35	2	70	2	70	3	105	-	
0010	MENHALL DRIVE	35	2	70	2	70	1	35	-	
0010	STH 59	35	-	-	-	-	6	210	-	
0010	PROJECT	-	-	-	-	-	-	-	1	
TOTAL 0010				420		420		700	1	

PROJECT NO: 5798-01-70

HWY: WEST FULTON STREET

COUNTY: ROCK

MISCELLANEOUS QUANTITIES

SHEET

E

EXCAVATION COMMON

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON CY	REMARKS
0010	10+11.01	-	37+17.80	PROJECT	7,241	FROM EARTHWORK SUMMARY
				TOTAL 0010	7,241	

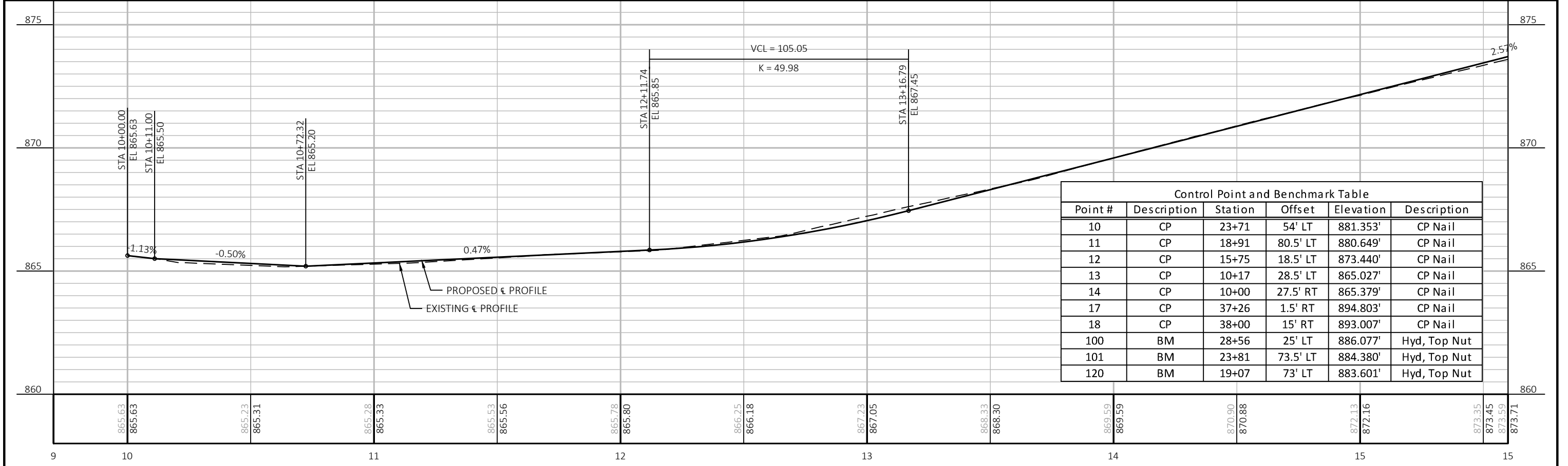
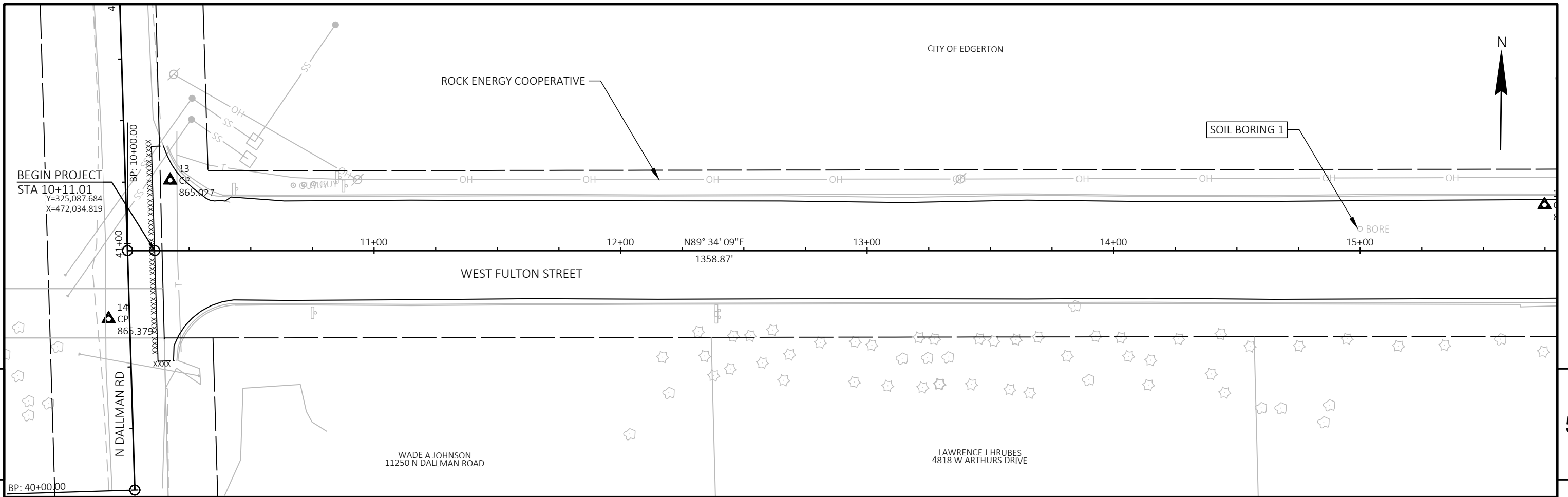
3

3

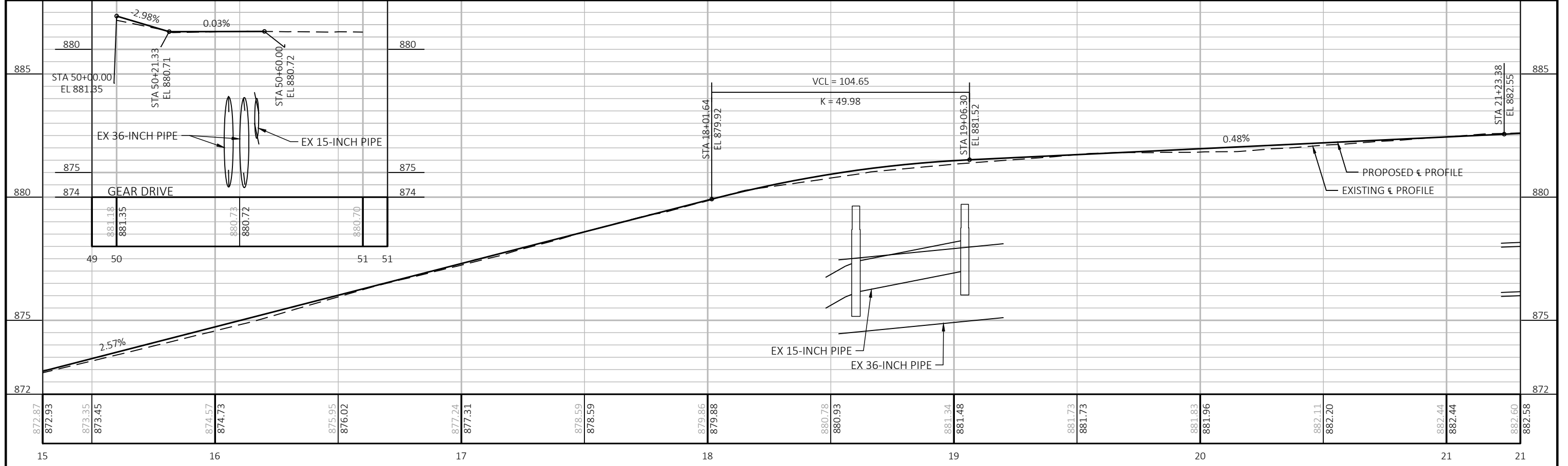
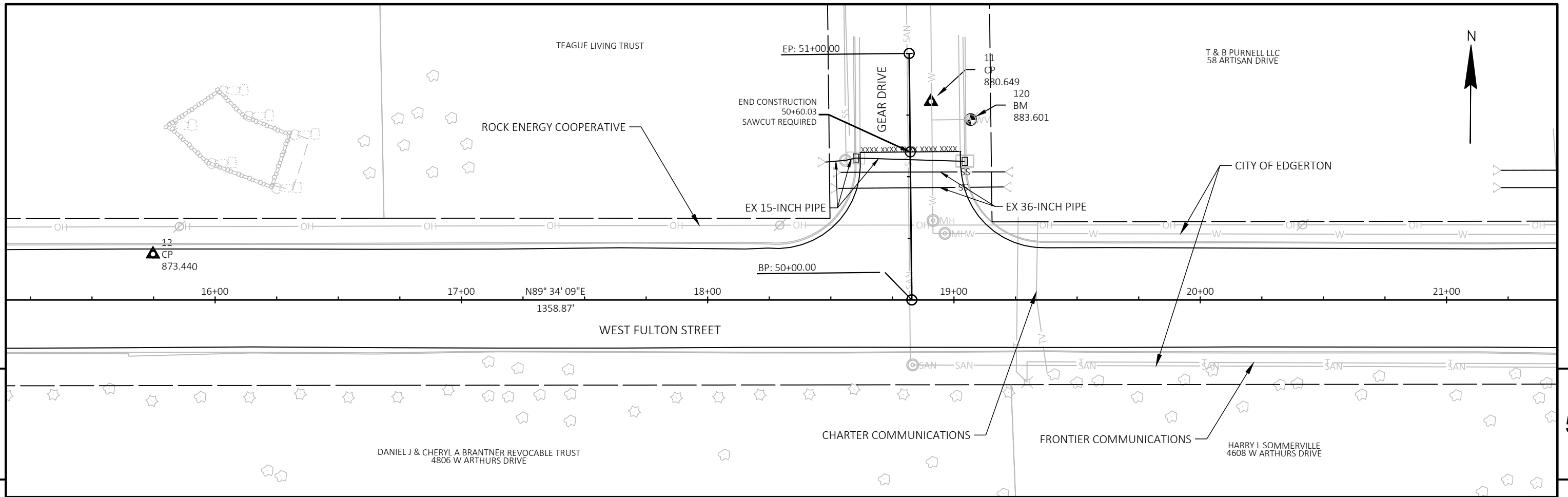
DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION		AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13)	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT
			CUT (2)	EBS EXCAVATION (3)			FACTOR 1.25				
DIVISION 1											
WEST FULTON STREET	10+11.01-37+17.80	W FULTON ST	7,241	0	7,241	0	0	7,241	7,241	0	
DIVISION 1 SUBTOTAL			7,241	0	7,241	0	0	7,241			
DIVISION 2											
DIVISION 2 SUBTOTAL			0	0	0	0	0	0		7,241	
GRAND TOTAL			7,241	0	7,241	0	0	7,241	7,241	0	
TOTAL COMMON EXC			7,241								

NOTES:

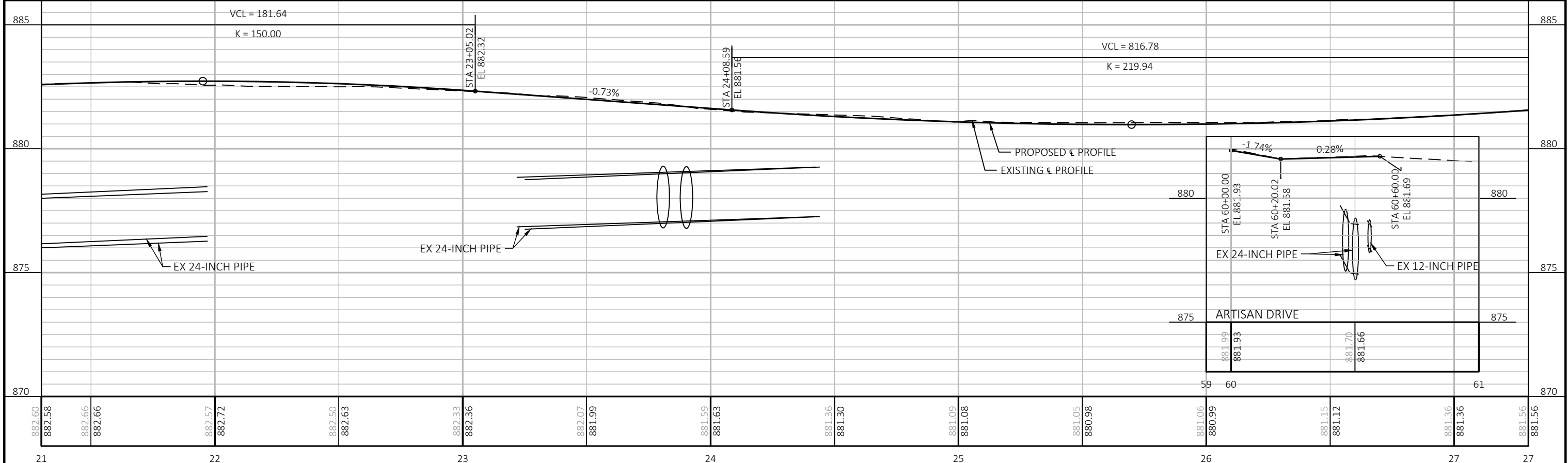
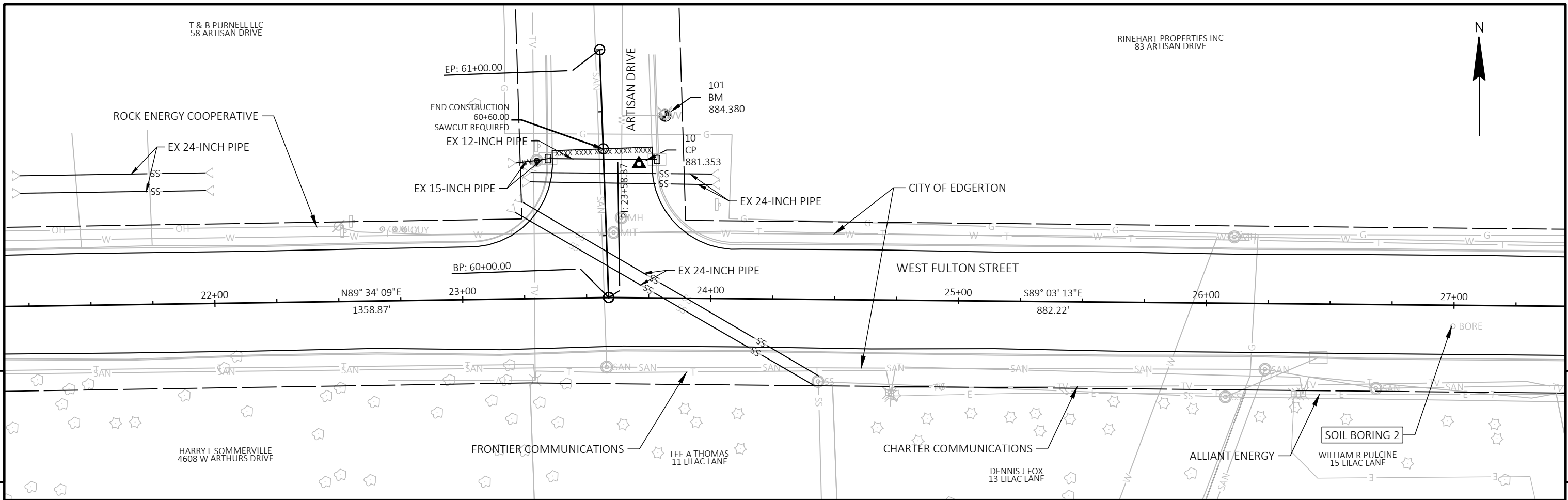
- (2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
- (3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNERS CHOICE, CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL.
- (4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
- 5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL
- (13) EXPANDED FILL FACTOR = X.6X
DEPENDING ON SELECTIONS: **EXPANDED FILL = (UNEXPANDED FILL) * FILL FACTOR**
- (14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.



PROJECT NO: 5798-01-70 HWY: WEST FULTON STREET COUNTY: ROCK PLAN AND PROFILE: WEST FULTON STREET SHEET: 5

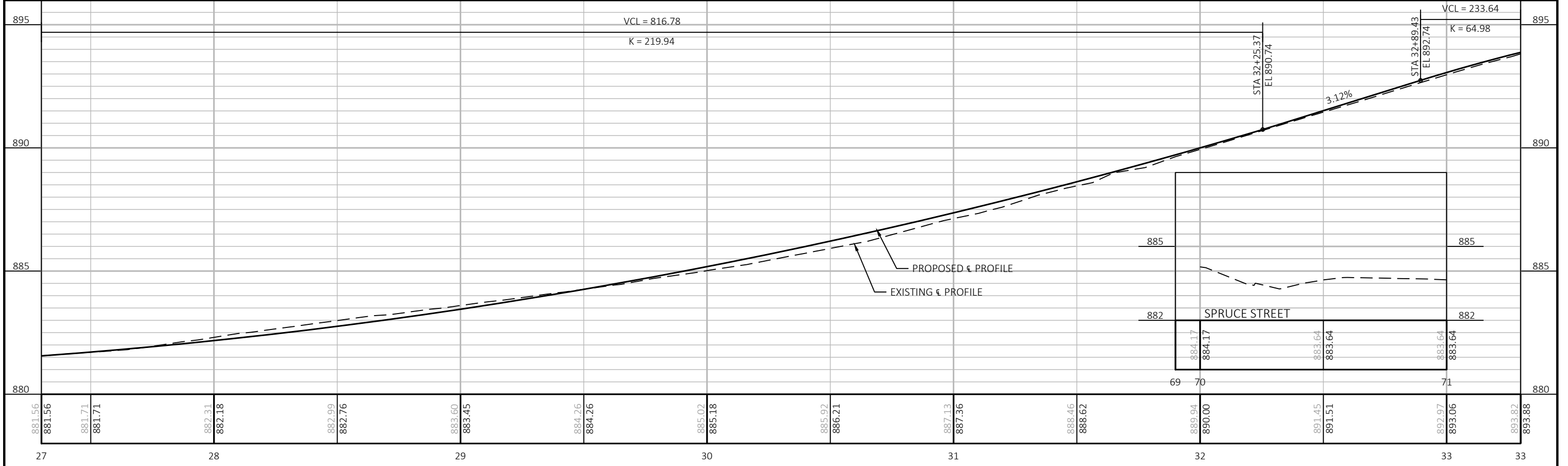
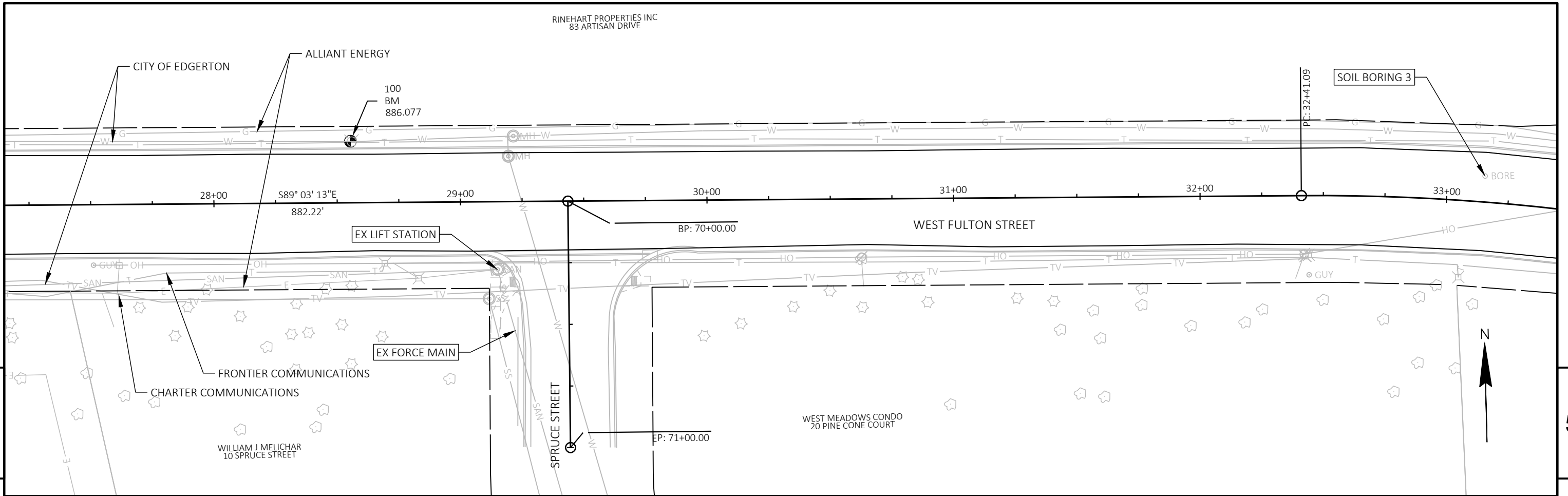


PROJECT NO: 5798-01-70	HWY: WEST FULTON STREET	COUNTY: ROCK	PLAN AND PROFILE: WEST FULTON STREET	SHEET	E
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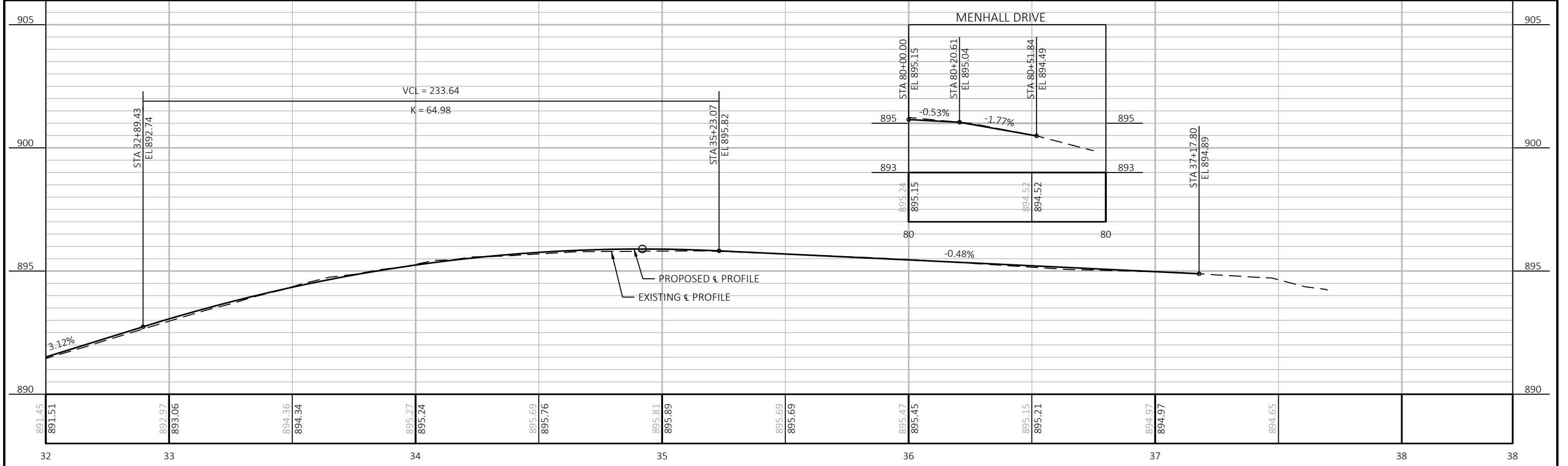
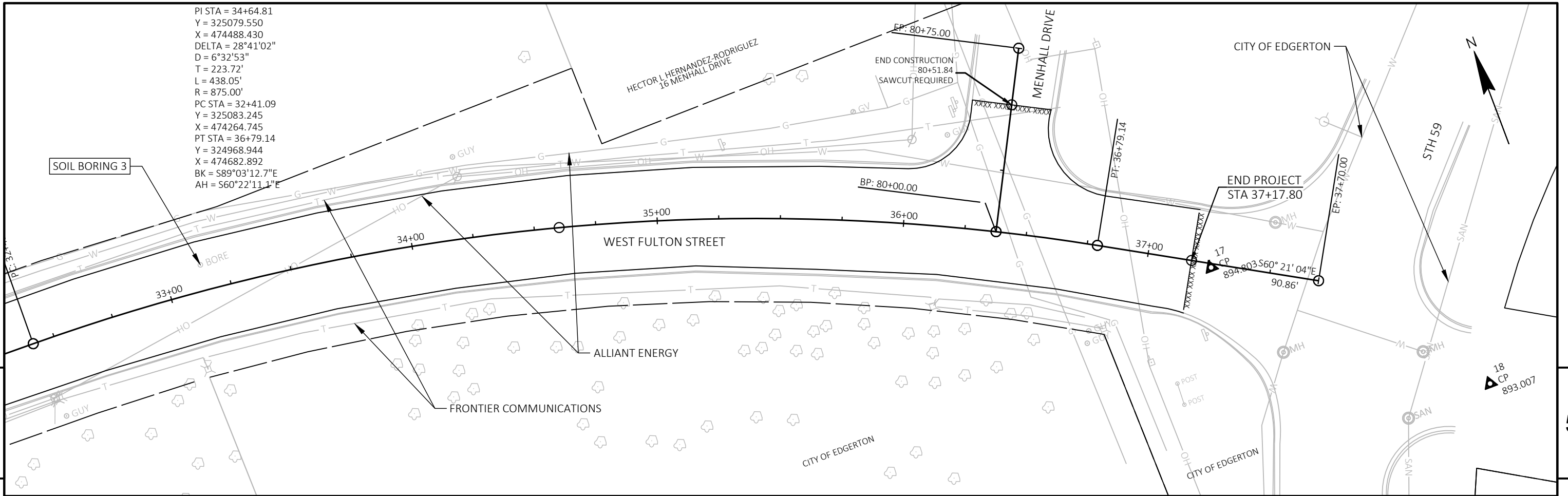


PROJECT NO:	5798-01-70	HWY:	WEST FULTON STREET	COUNTY:	ROCK	PLAN AND PROFILE:	WEST FULTON STREET	SHEET	5
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RINEHART PROPERTIES INC
83 ARTISAN DRIVE



PROJECT NO: 5798-01-70	HWY: WEST FULTON STREET	COUNTY: ROCK	PLAN AND PROFILE: WEST FULTON STREET	SHEET	E
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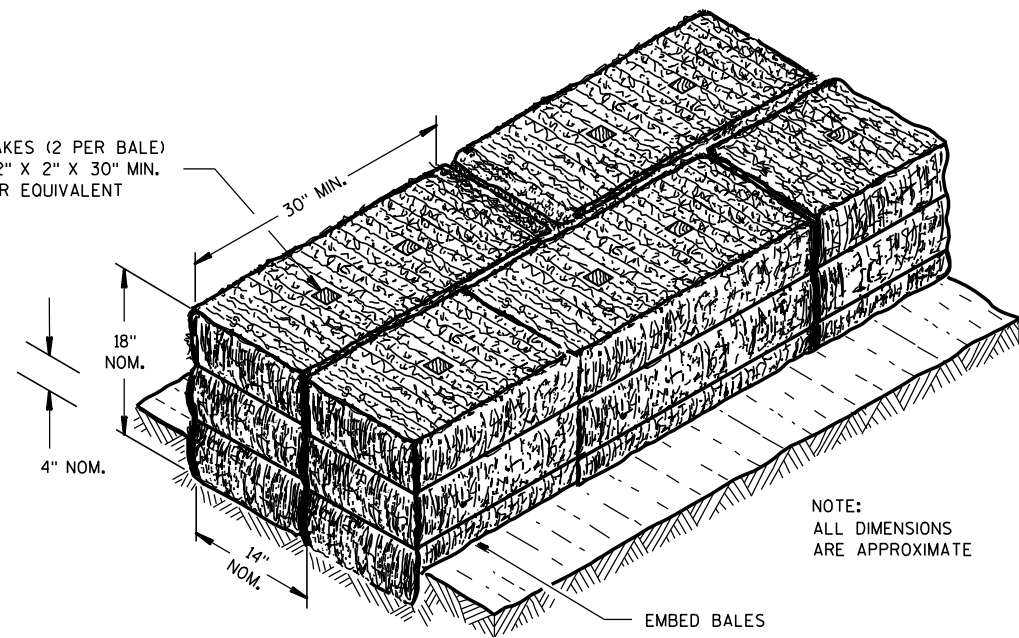


PROJECT NO: 5798-01-70 | HWY: WEST FULTON STREET | COUNTY: ROCK | PLAN AND PROFILE: WEST FULTON STREET | SHEET 5

Standard Detail Drawing List

08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08E15-01	CULVERT PIPE CHECK
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M. P. H. OR LESS
15C07-15E	PAVEMENT MARKING FOR BIKE LANES
15C08-21A	LONGITUDINAL MARKING (MAINLINE)
15C29-07B	PAVEMENT MARKING FOR SHARED LANE 35 MPH OR LESS
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING

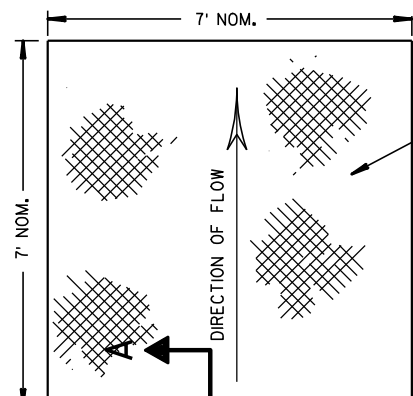
WOOD STAKES (2 PER BALE)
NOMINAL 2" X 2" X 30" MIN.
LENGTH OR EQUIVALENT



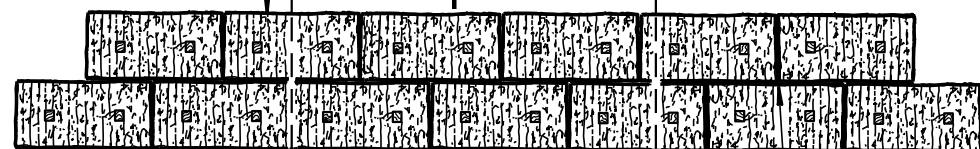
NOTE:
ALL DIMENSIONS
ARE APPROXIMATE

EMBED BALES

SECTION A-A



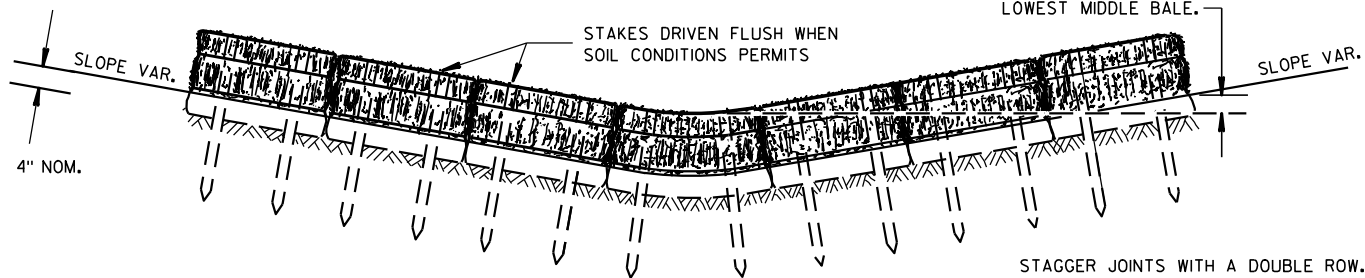
FOR SCOUR PROTECTION USE:
EROSION MAT FOR CHANNEL LINING.
LAP MAT UNDER UPSTREAM BALES
AND SECURE FABRIC WITH WOOD STAKES,
AT 3-FOOT INTERVALS.



STAGGER JOINTS BETWEEN ADJACENT
ROWS OF BALES.

PLAN VIEW

BOTTOM ELEVATION OF END BALE SHALL
BE EQUAL TO OR GREATER THAN TOP OF
LOWEST MIDDLE BALE.



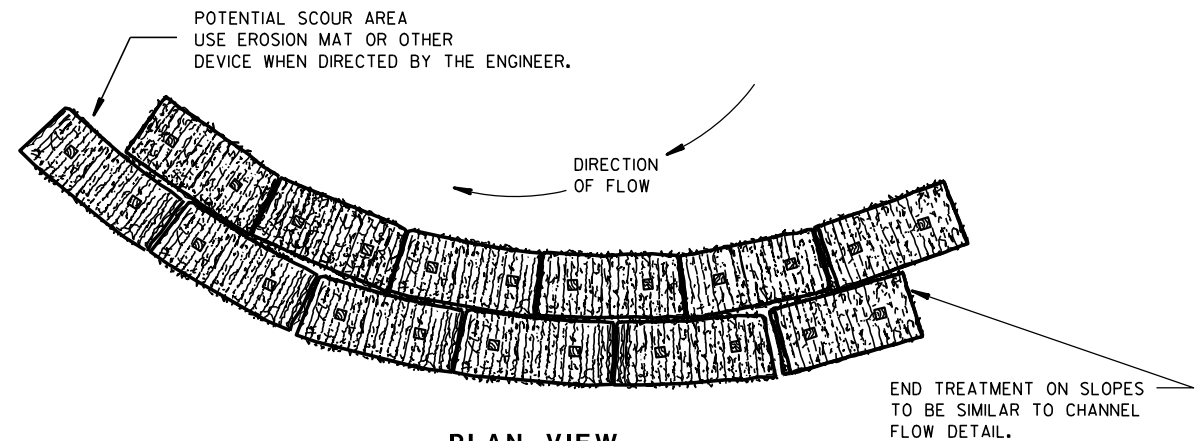
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

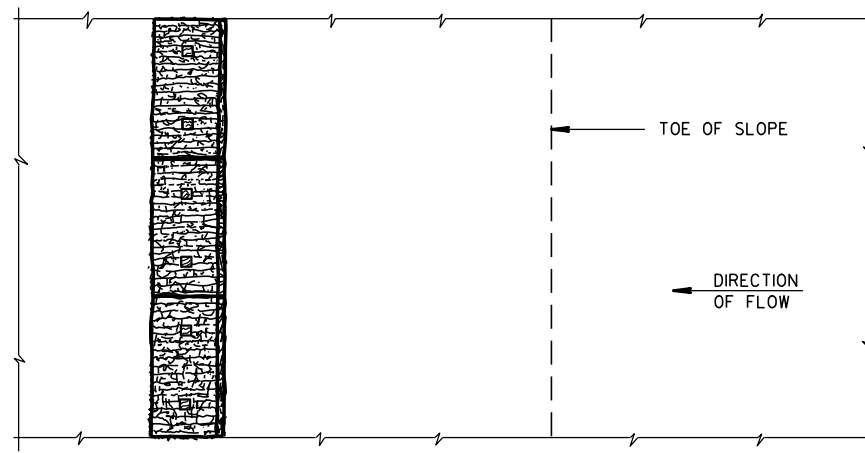
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

- 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.

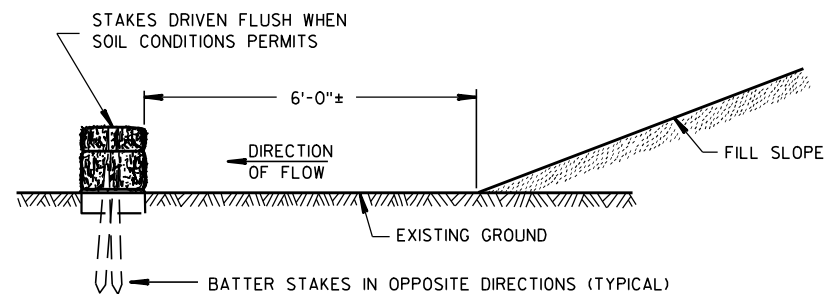


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

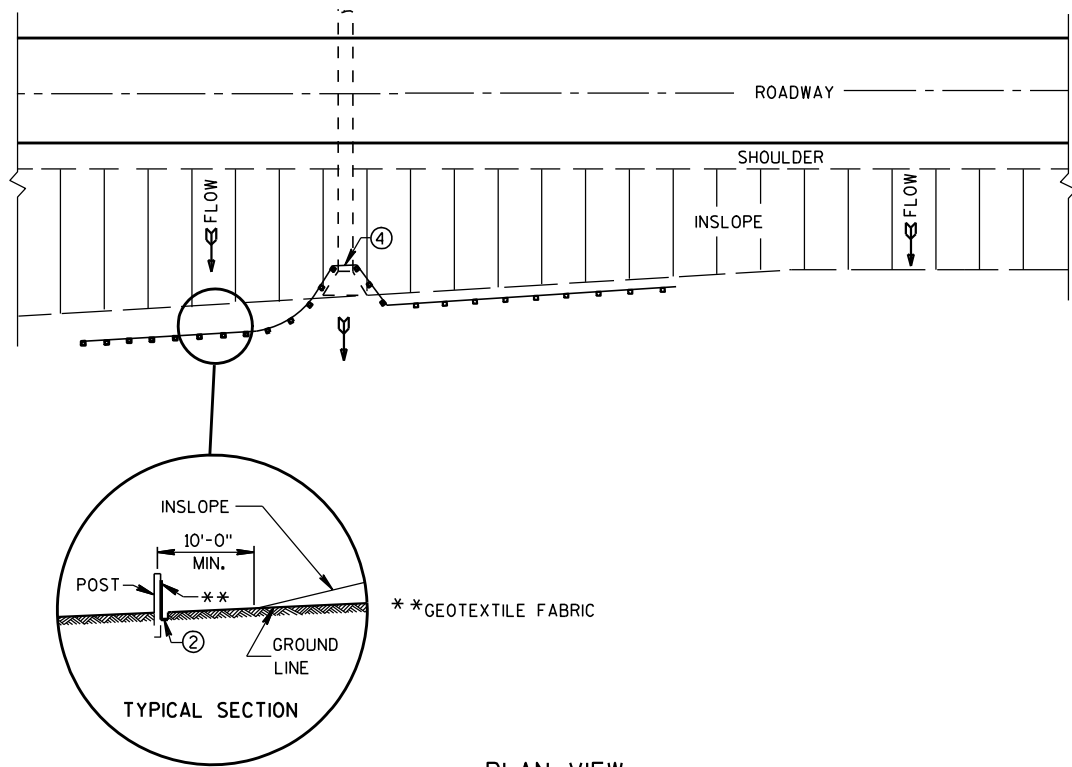
WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

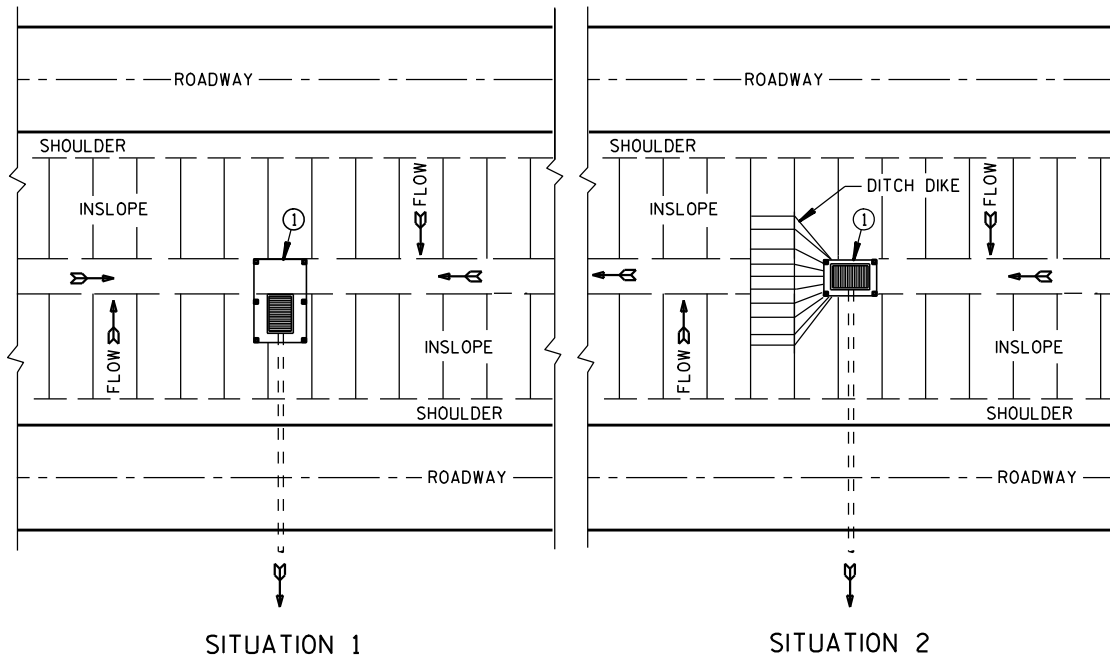
TYPICAL INSTALLATIONS OF
EROSION BALES / TEMPORARY
DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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



PLAN VIEW
TYPICAL APPLICATION OF SILT FENCE

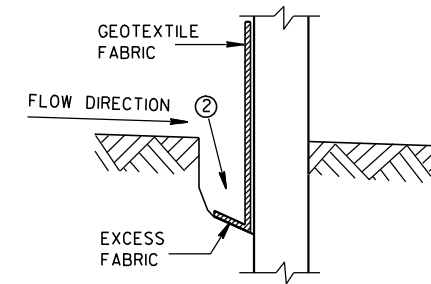


SITUATION 1 SITUATION 2
PLAN VIEW
SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

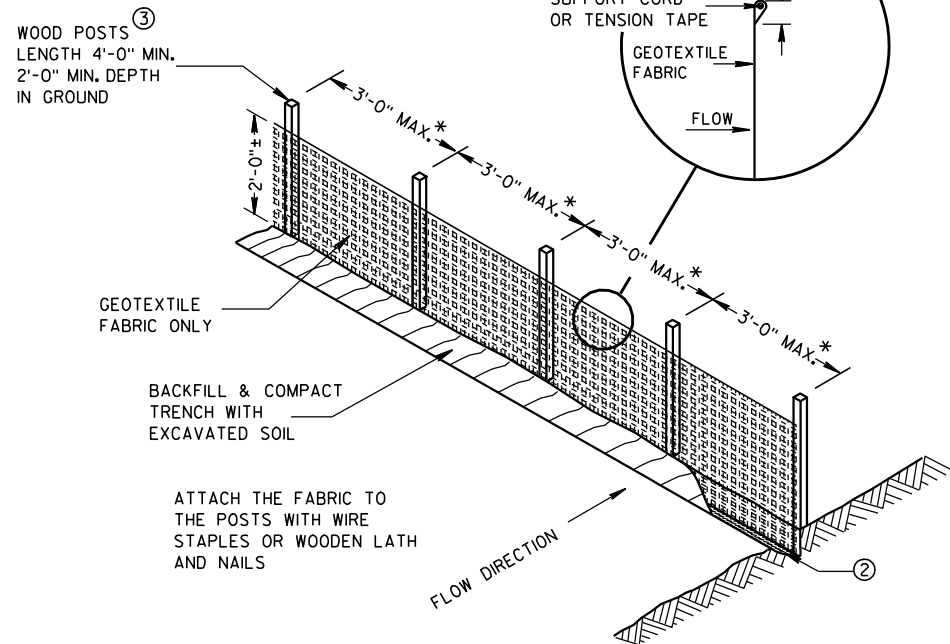
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

- 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 1 1/8" X 1 1/8" 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.



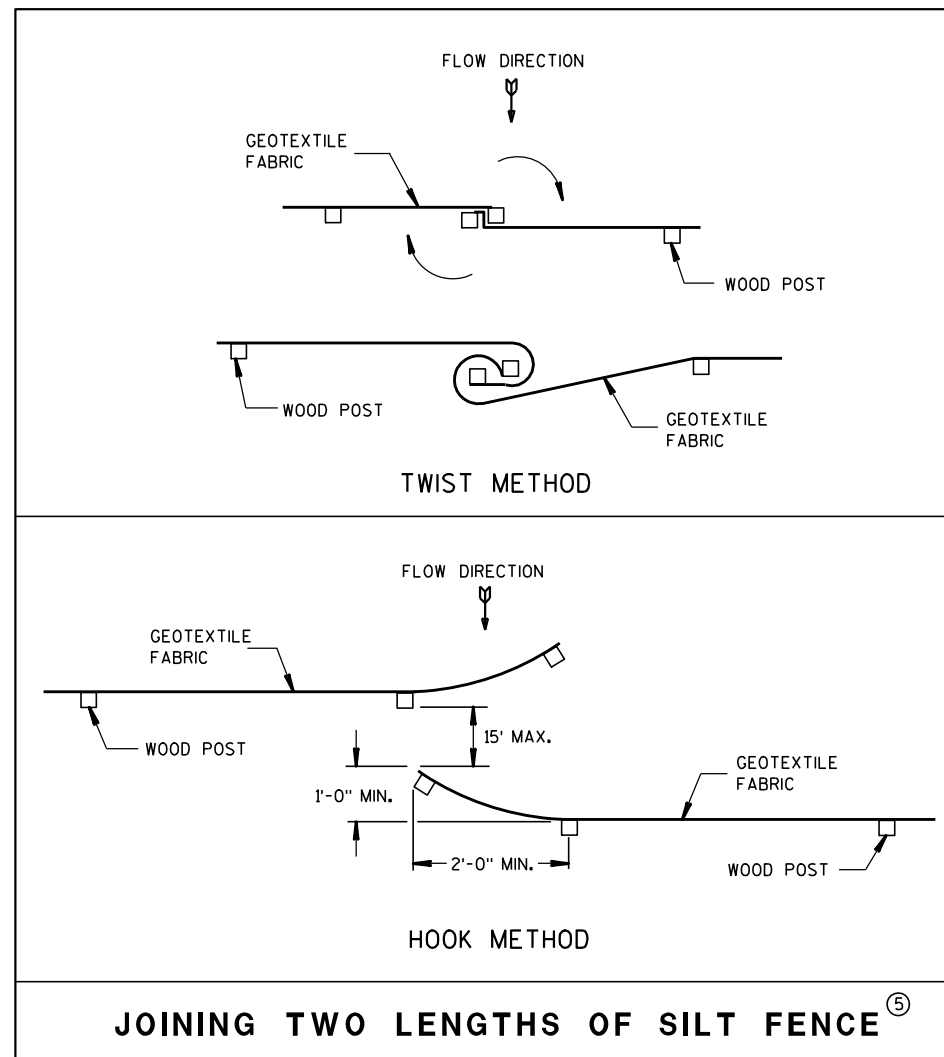
TRENCH DETAIL

NOTE: ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS

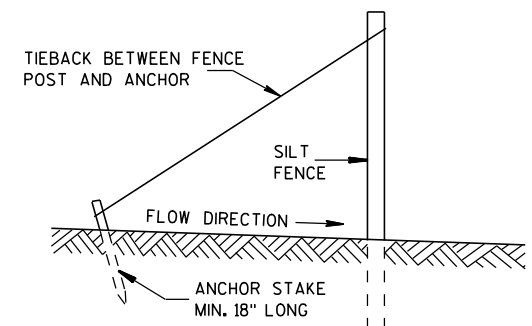


SILT FENCE

* NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.



JOINING TWO LENGTHS OF SILT FENCE ⑤

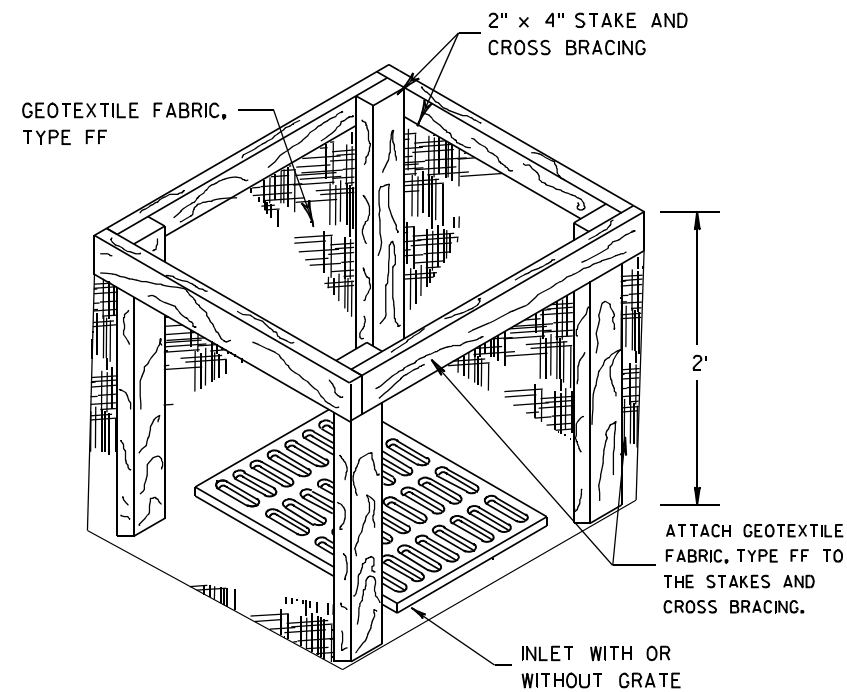
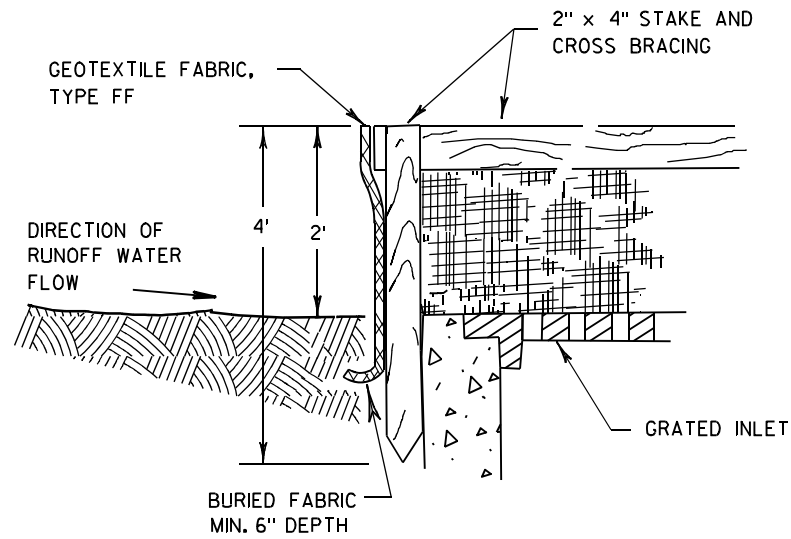


SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 /S/ Beth Cannestra
DATE CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA



INLET PROTECTION, TYPE A

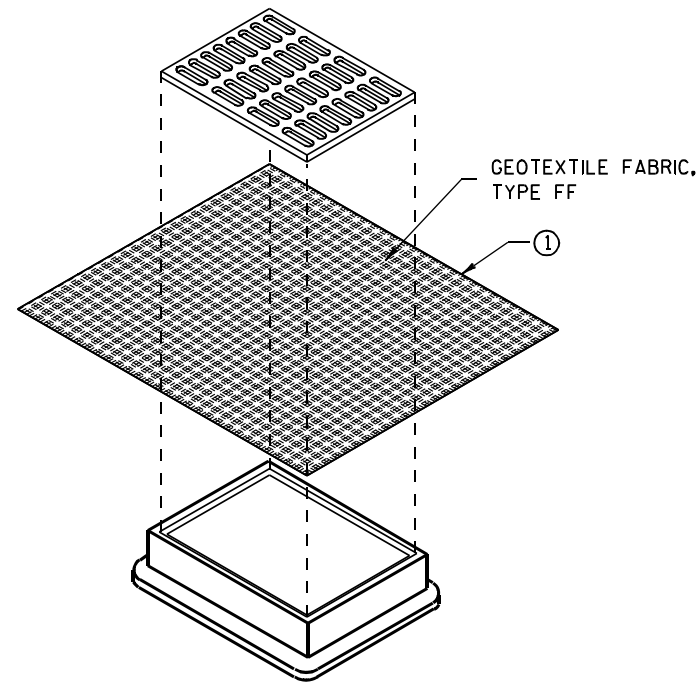
GENERAL NOTES

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.

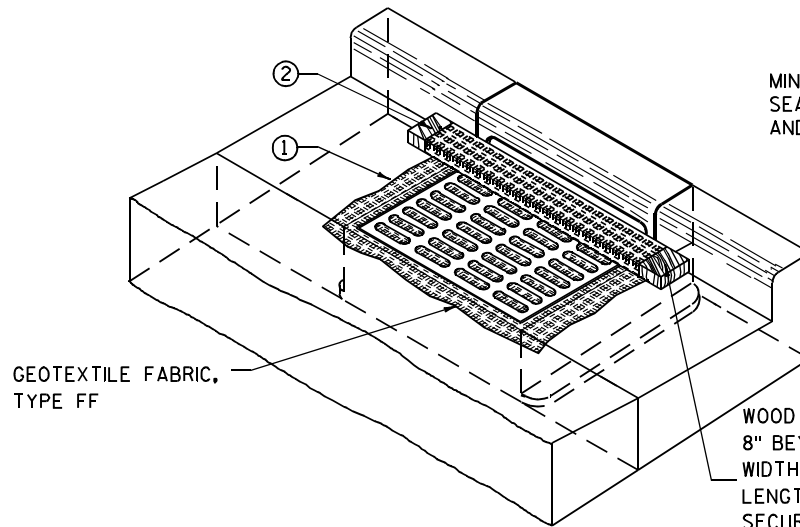
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- 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.



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

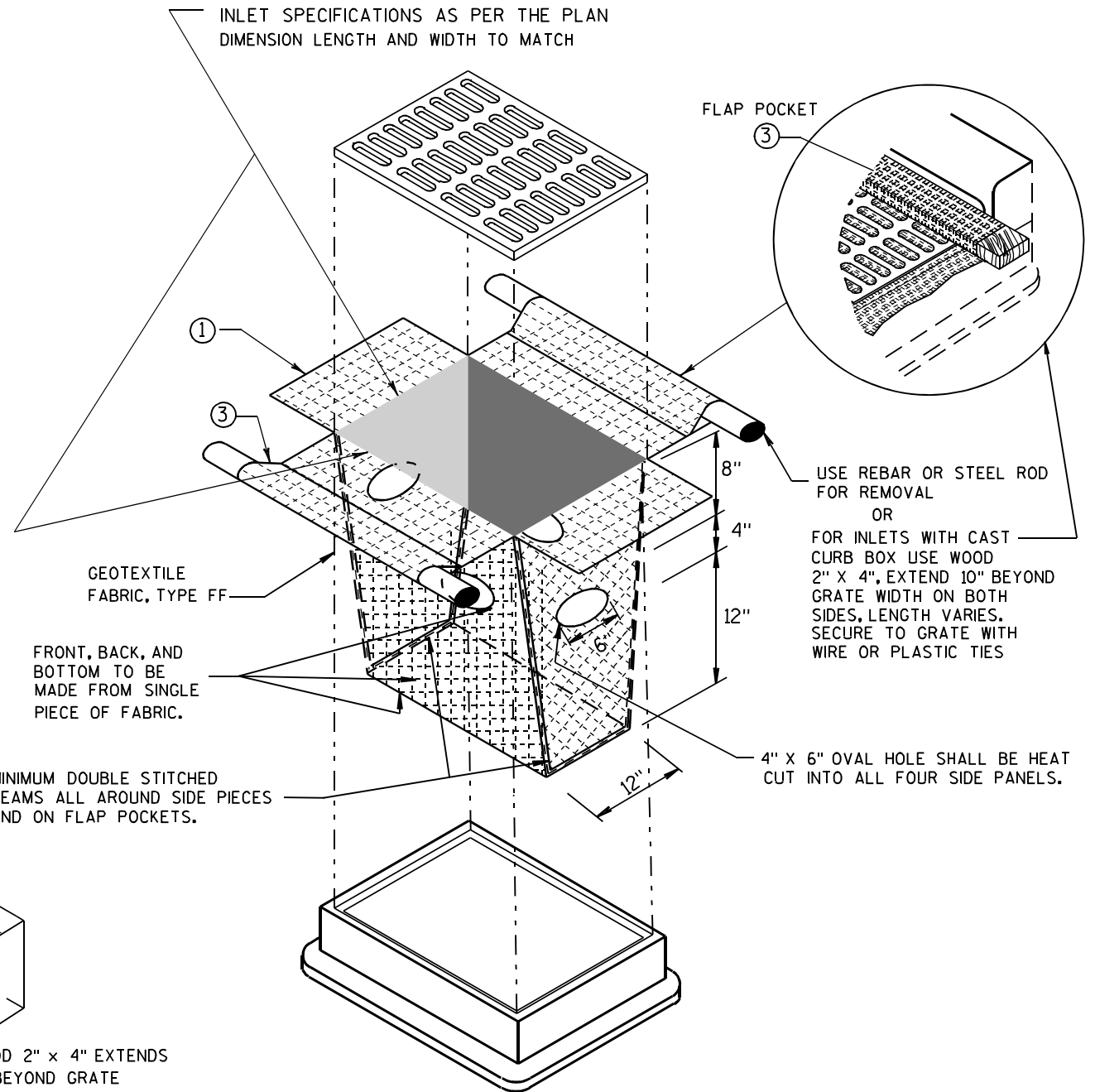
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

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 D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

INLET PROTECTION TYPE A, B, C, AND D	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 10/16/02 DATE	/s/ Beth Connestra CHIEF ROADWAY DEVELOPMENT ENGINEER
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.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

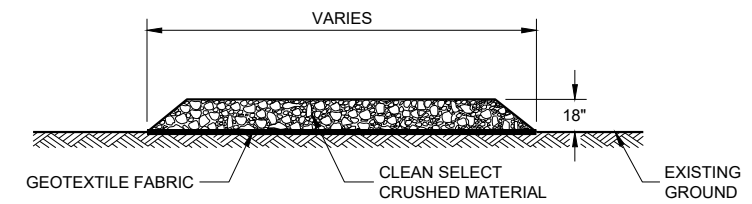
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

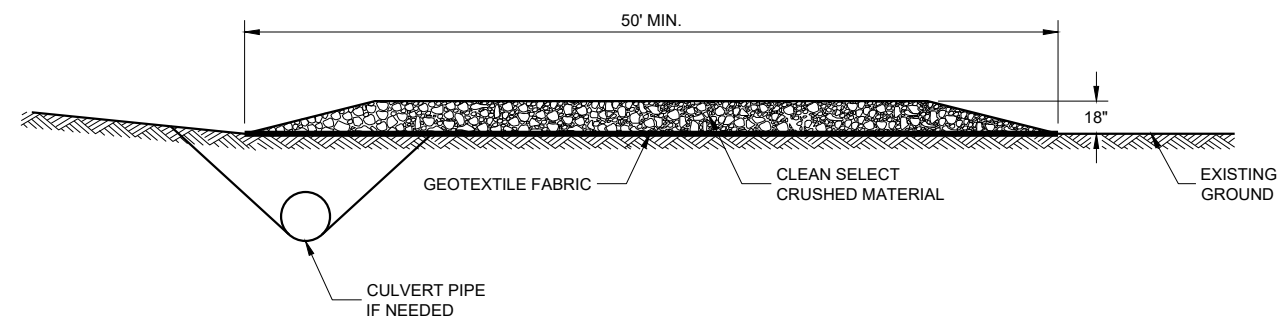
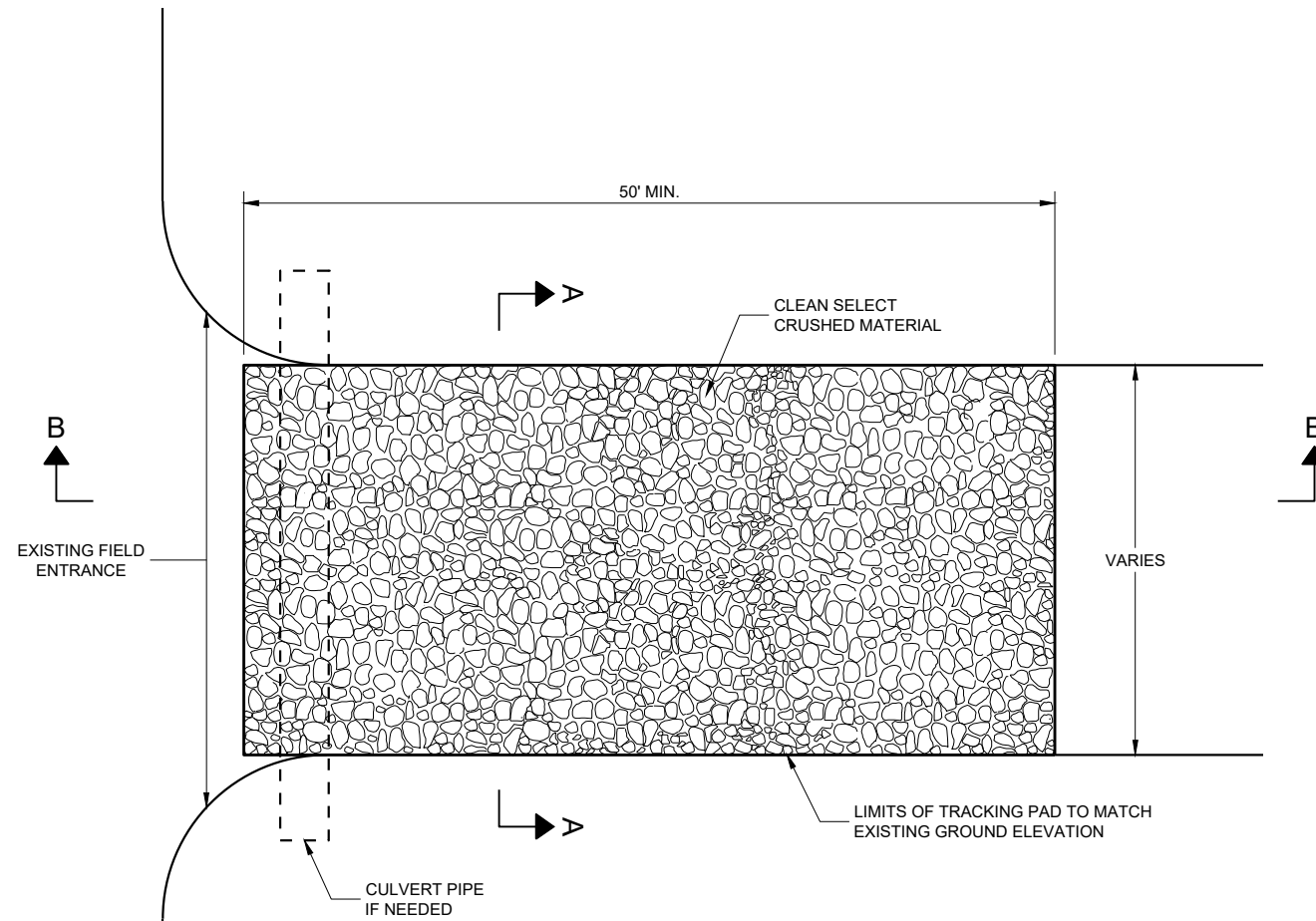
SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A



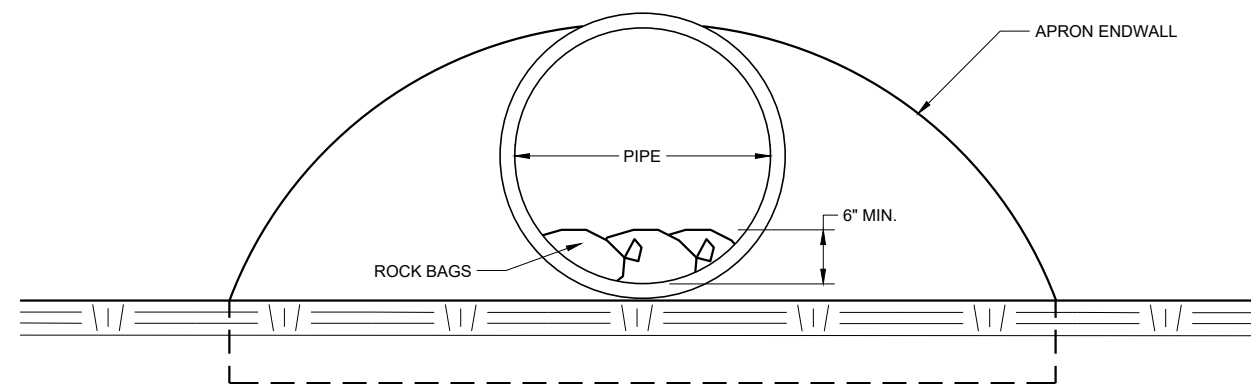
SECTION B - B

TRACKING PAD

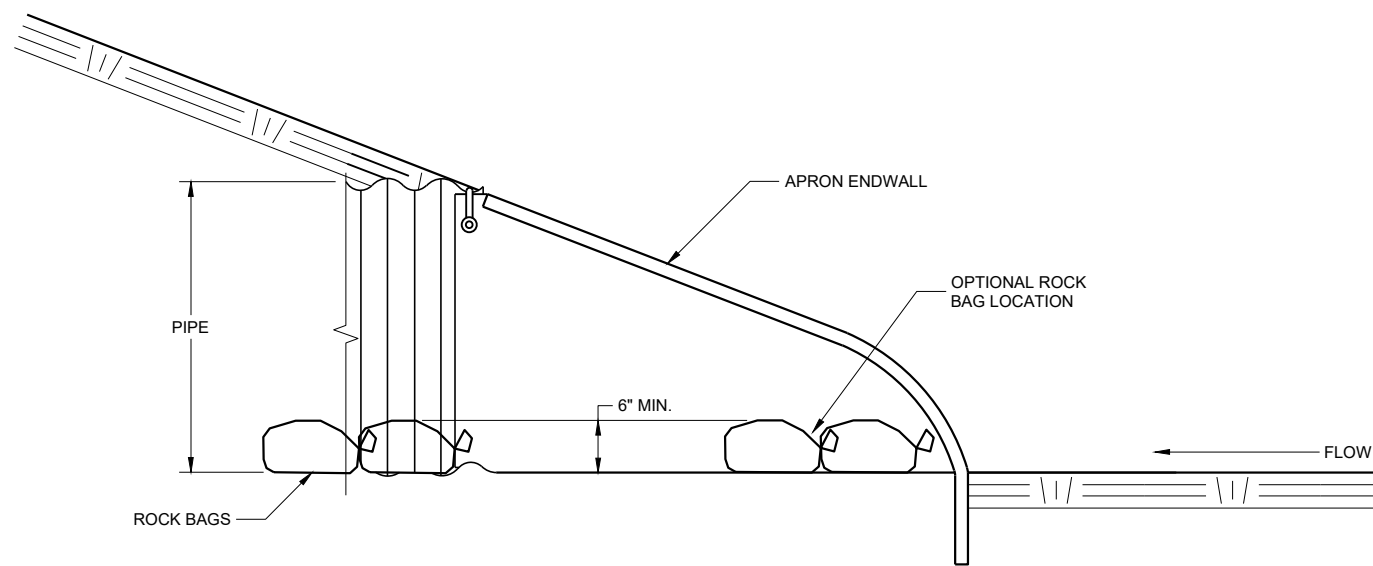
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011 DATE /S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA



END VIEW



SIDE VIEW

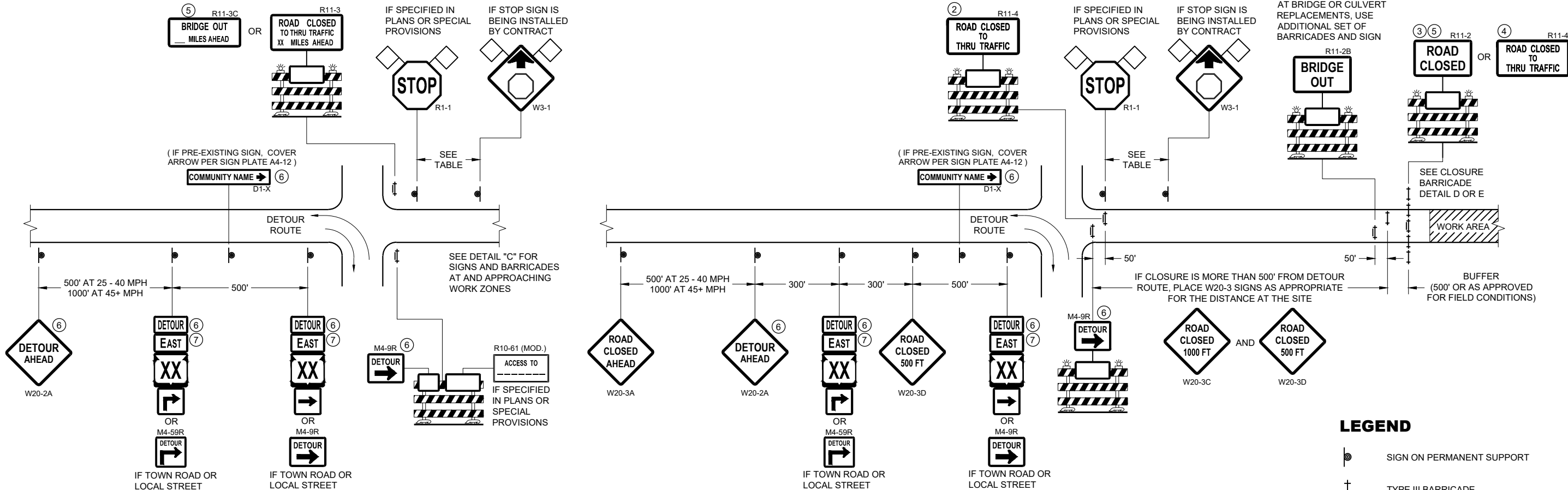
CULVERT PIPE CHECK
 (INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
 May 2019 /S/ Daniel Schave
 DATE EROSION CONTROL ENGINEER

FHWA



**DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR**

WORK ZONE GREATER THAN OR EQUAL TO 1/2 MILE FROM
DETOUR ROUTE (1000 FEET IF URBAN)

**DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR**

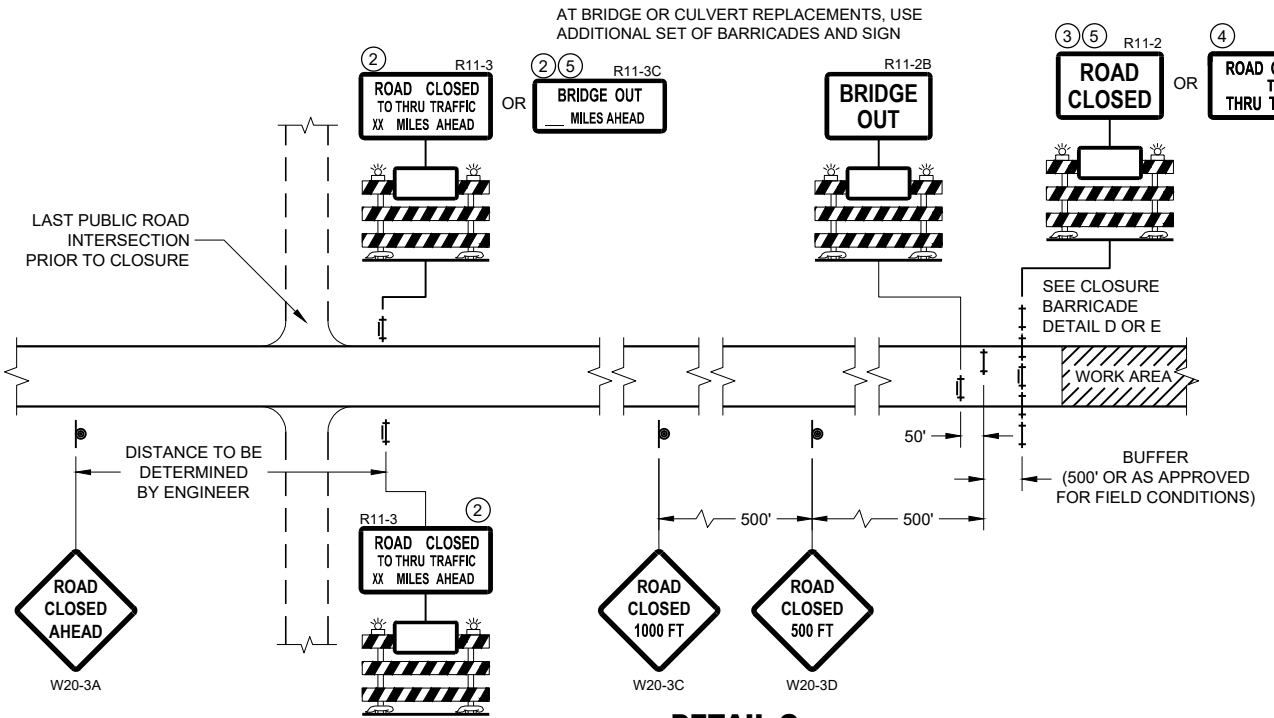
WORK ZONE LESS THAN 1/2 MILE FROM
DETOUR ROUTE (1000 FEET IF URBAN)

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)
- M4 - 8
- M3 - X
- M1 - 4 OR M1 - 6 OR M1 - 5A
- M05 - 1 OR M06 - 1

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

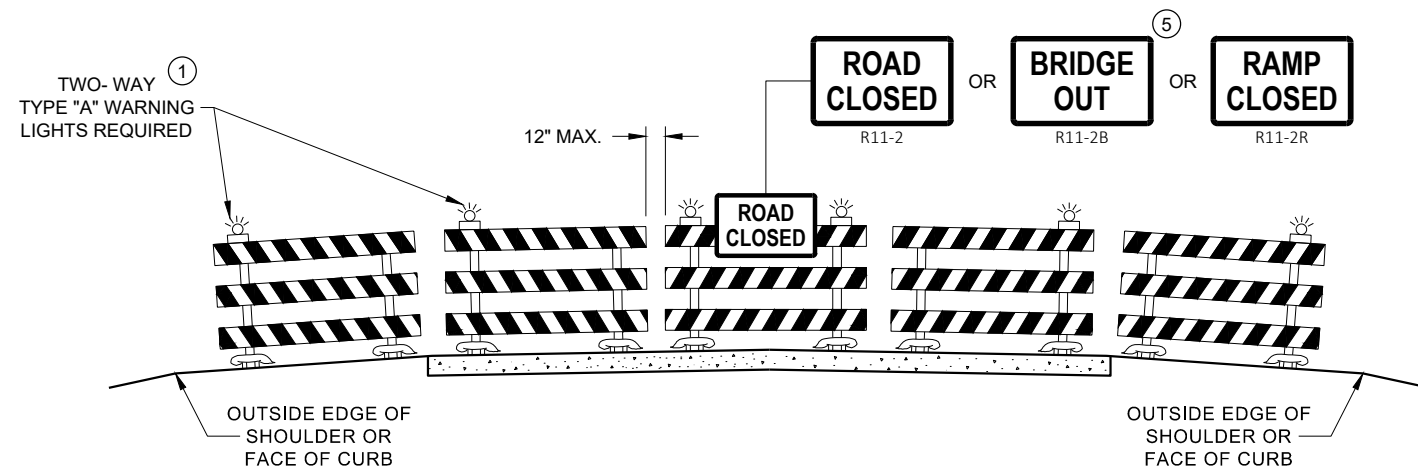


**DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR**

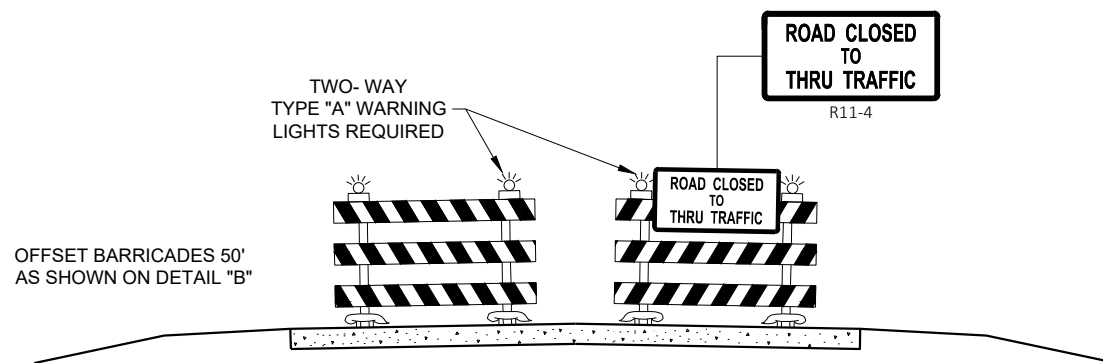
**BARRICADES AND SIGNS
FOR MAINLINE CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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



**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.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"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:

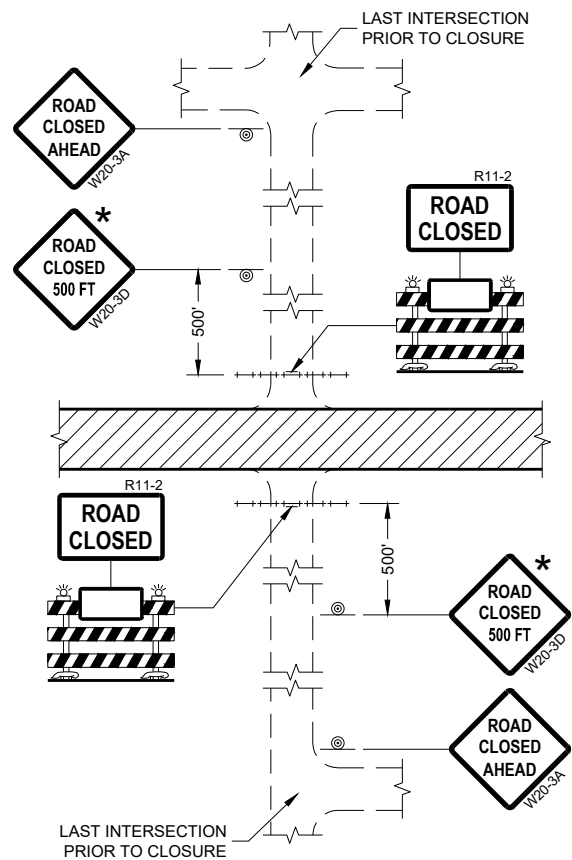
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60" X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" 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"

- 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.

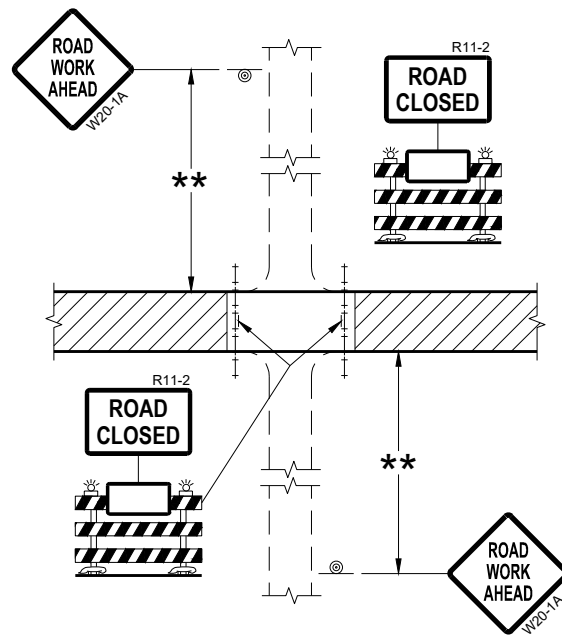
**BARRICADES AND SIGNS
FOR
VARIOUS CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

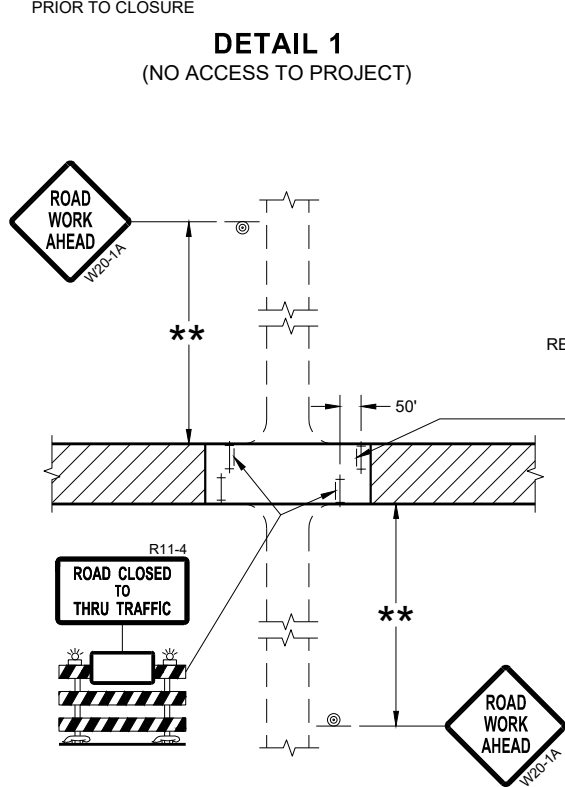
APPROVED
February 2020 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA



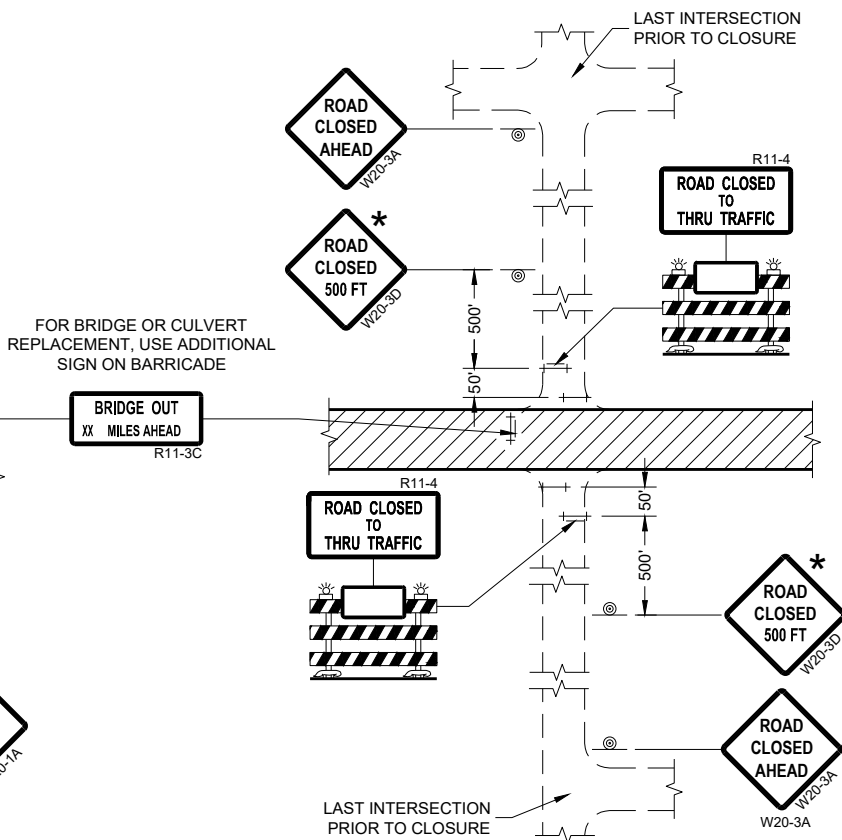
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT 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.

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 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

GENERAL NOTES

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

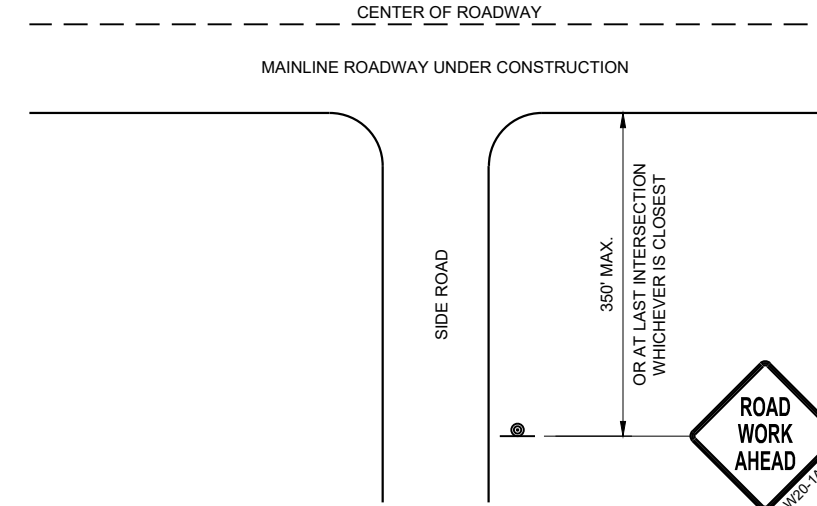
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

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

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

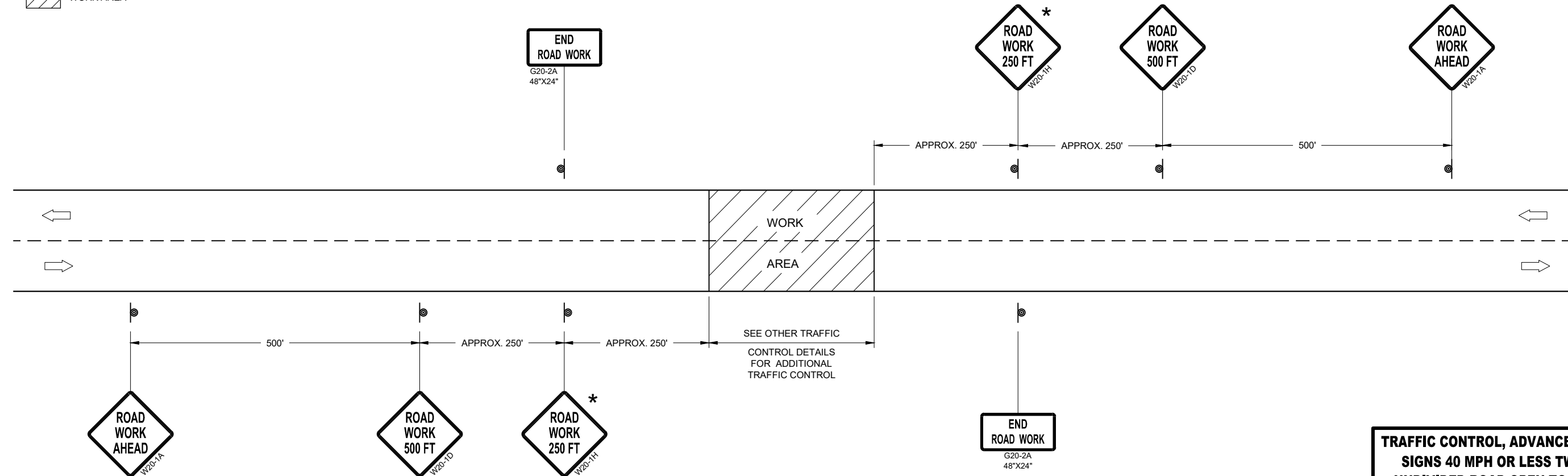
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



**TYPICAL SIDE ROAD APPROACH
WARNING SIGN DETAIL**

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

**TRAFFIC CONTROL, ADVANCE WARNING
SIGNS 40 MPH OR LESS TWO-WAY
UNDIVIDED ROAD OPEN TO TRAFFIC**

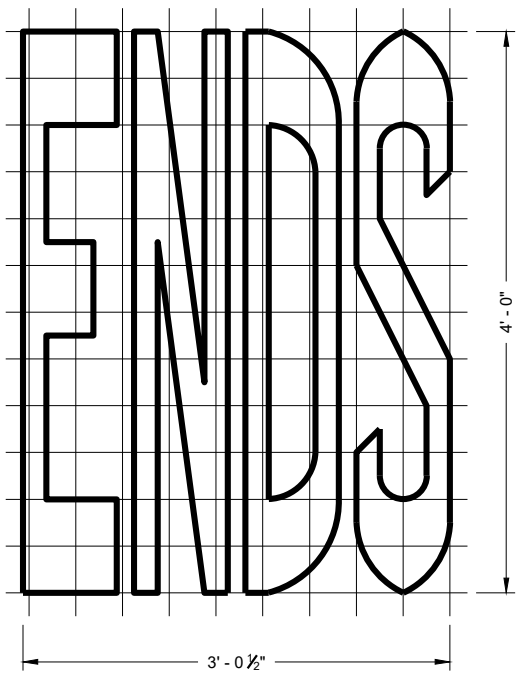
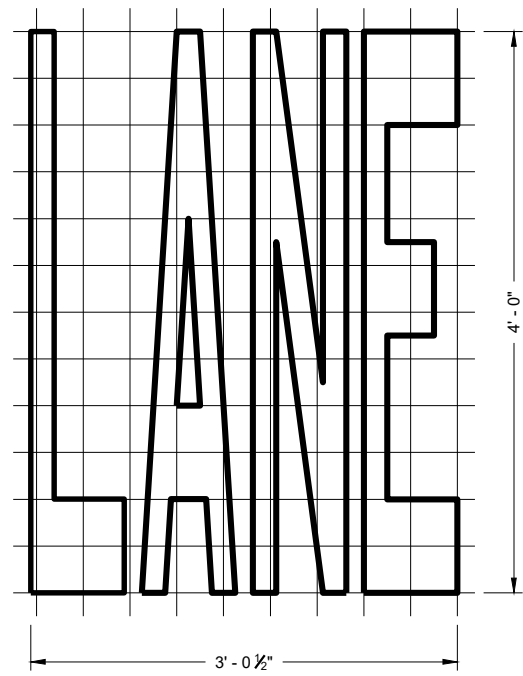
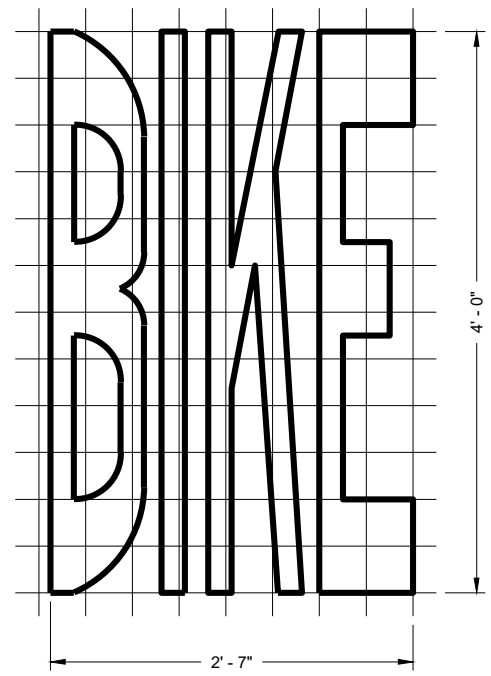
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA



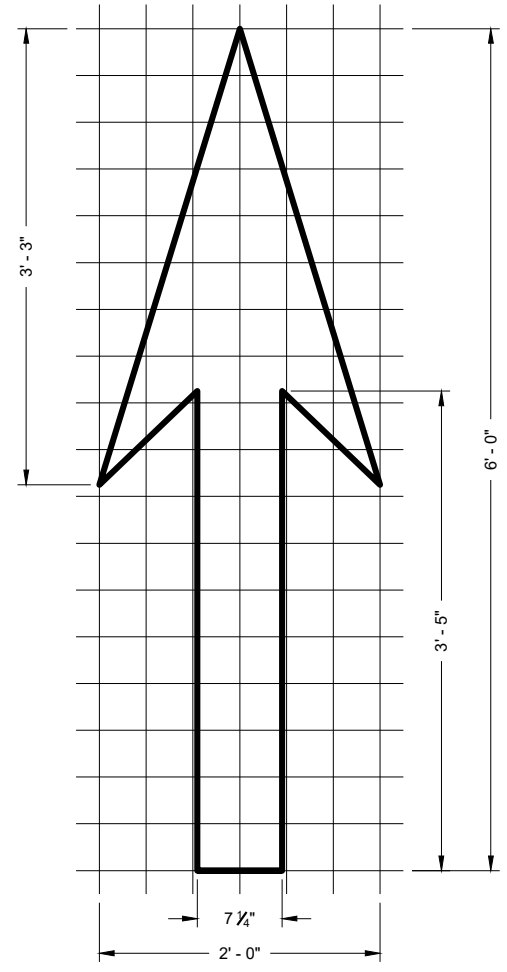
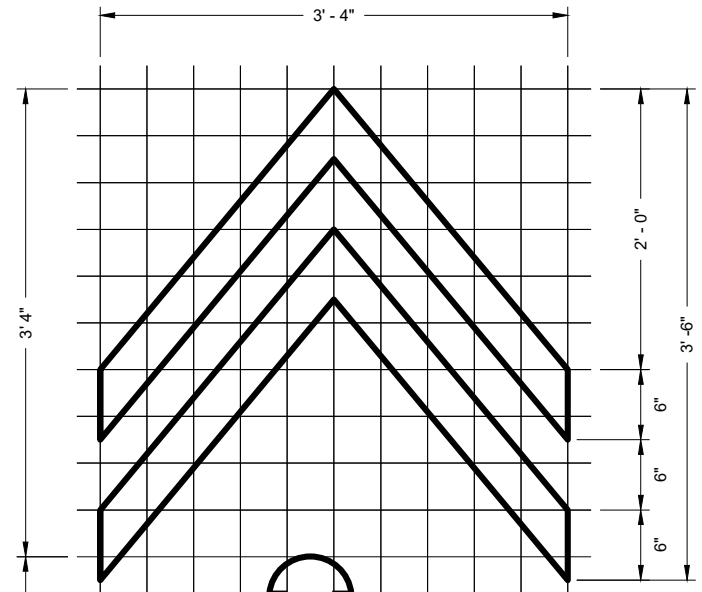
SDD 15C7-e Pavement Marking For Bike Lanes



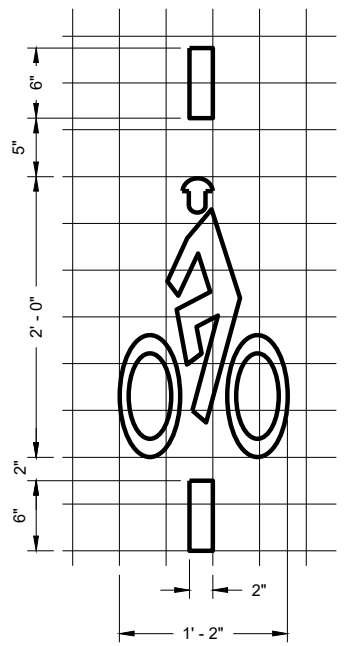
BIKE LANE WORDS

GENERAL NOTES

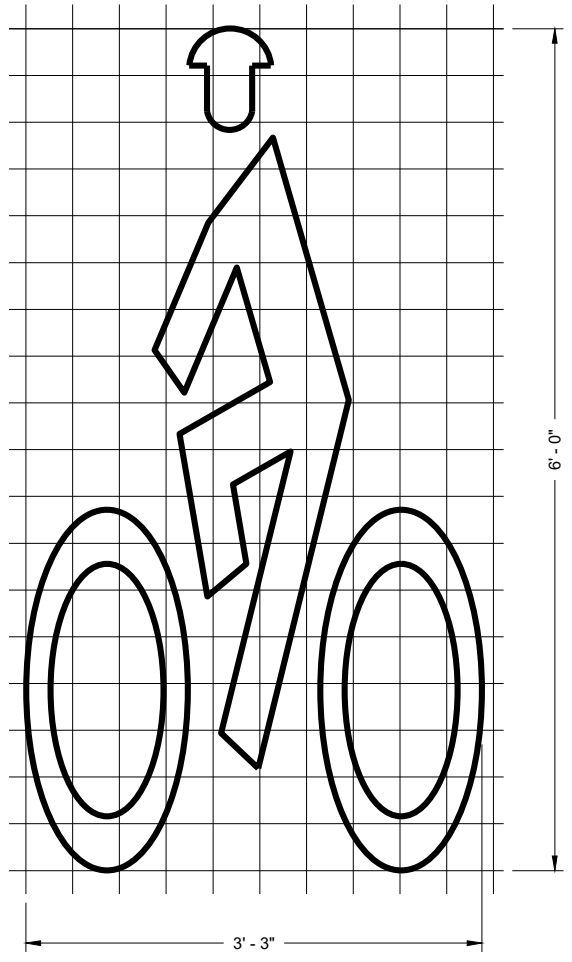
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



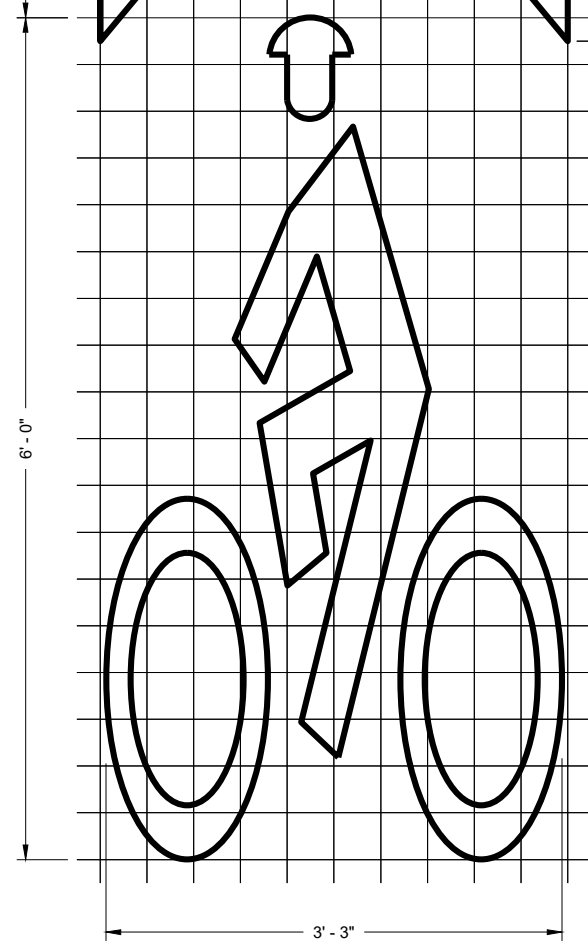
BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING



BIKE LANE SYMBOL



BIKE LANE SYMBOL FOR SHARED LANE

6

6

SDD 15C07 - 15e

SDD 15C07 - 15e




PAVEMENT MARKING FOR BIKE LANES	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2019 DATE	/s/ Matthew Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	

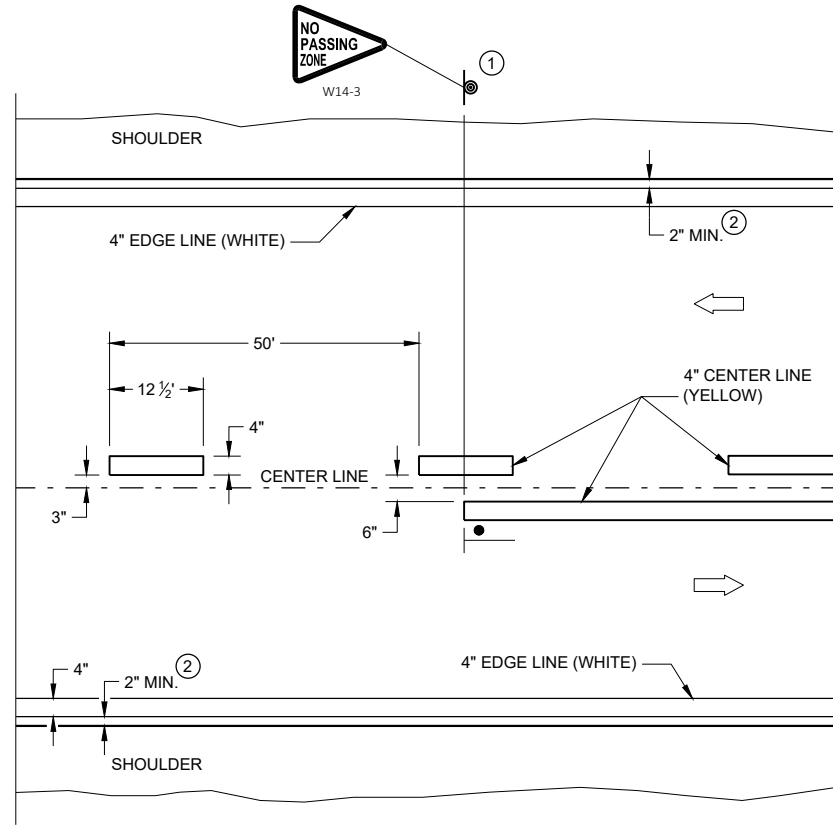
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

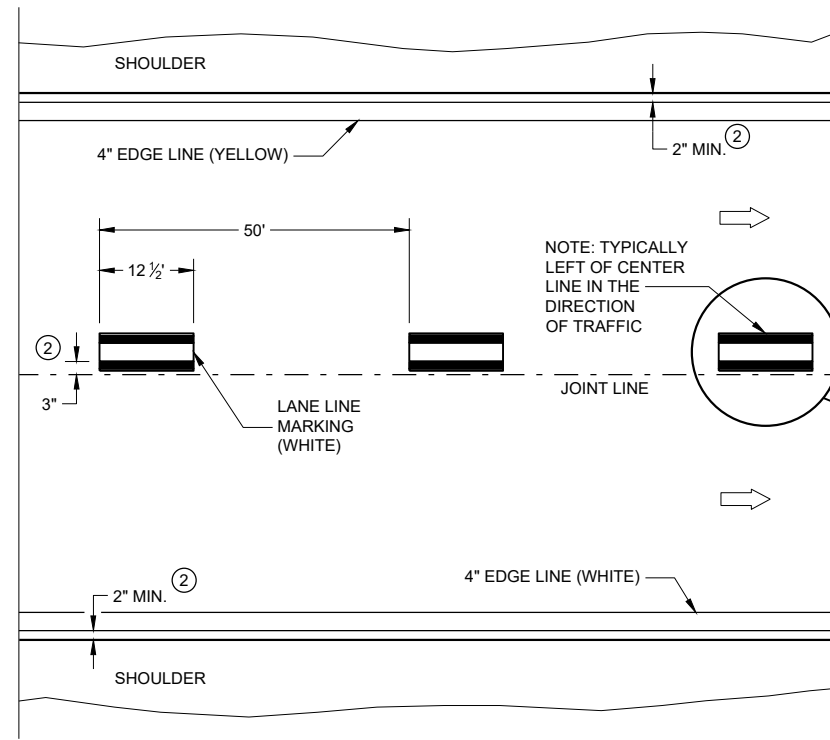
- ① LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
- ② MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

-  "T" MARKING
-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC

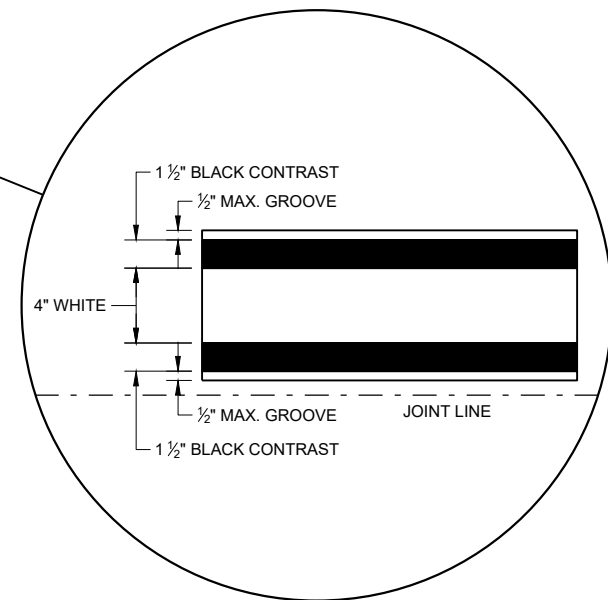


TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



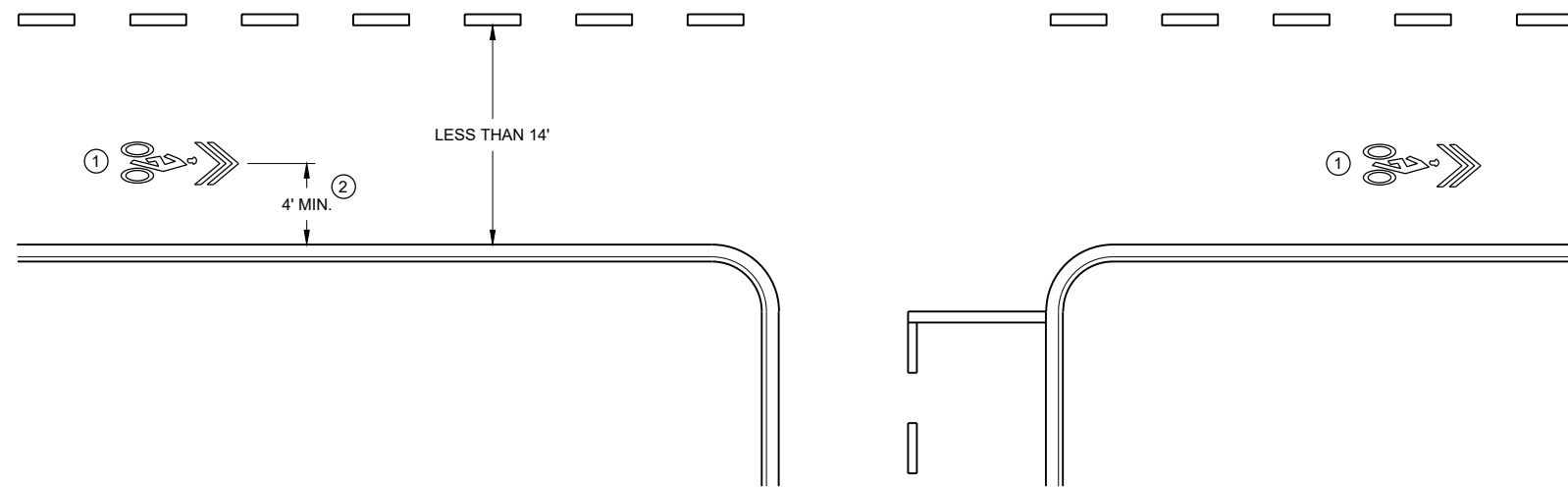
PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

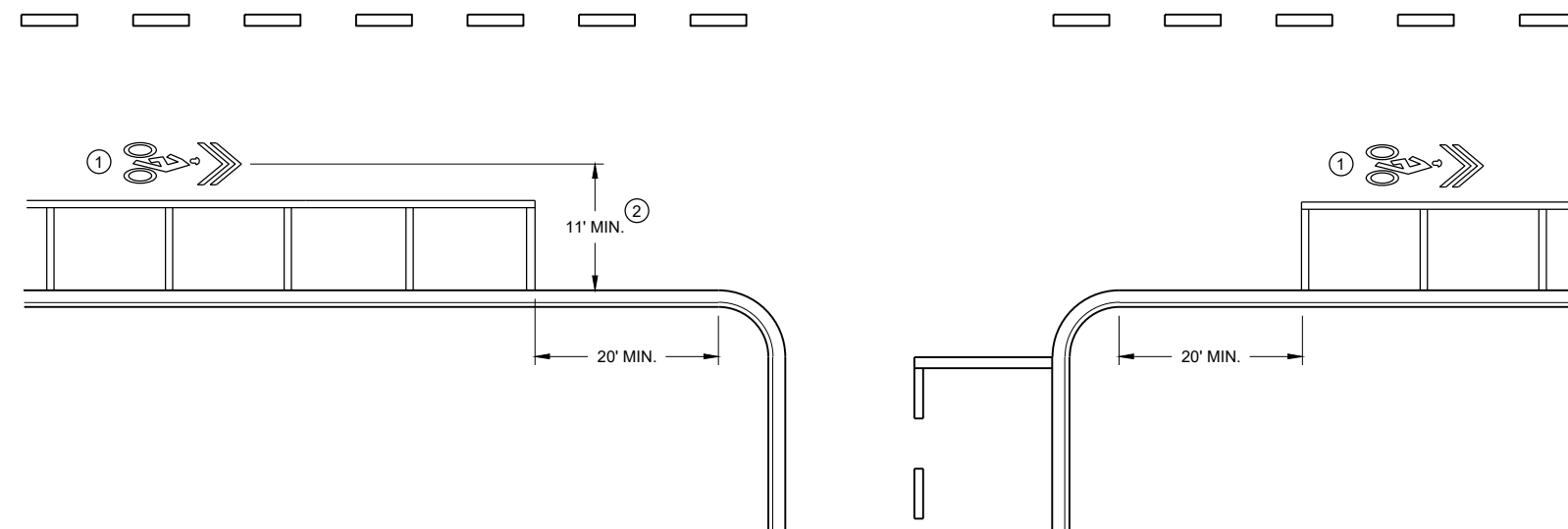
APPROVED
DATE: May 2022 /S/ Jeannie Silver
STATEWIDE SIGNING AND MARKING ENGINEER

GENERAL NOTES

- ① MINIMUM OF ONE PER BLOCK, MAXIMUM OF 250 FEET.
- ② OR TO EDGE OF PAVEMENT WITHOUT CURB.



WITHOUT PARKING



WITH PARKING

6

6

SDD 15C29 - 07b

SDD 15C29 - 07b

**PAVEMENT MARKING
FOR SHARED LANE
35 MPH OR LESS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

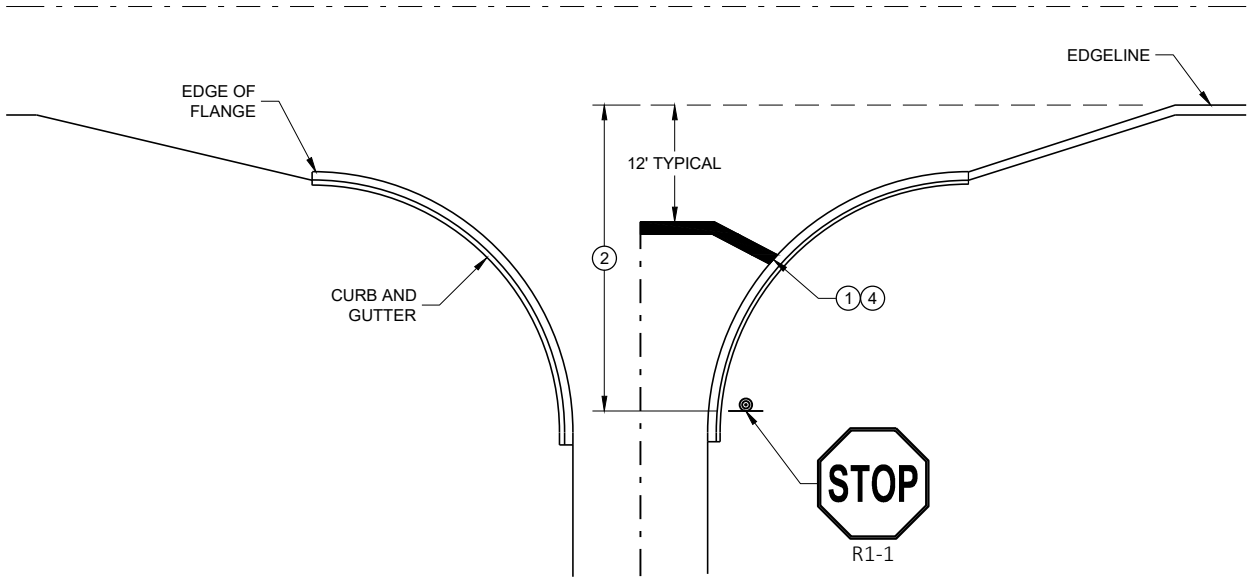
APPROVED
May 2020 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING
ENGINEER

FHWA

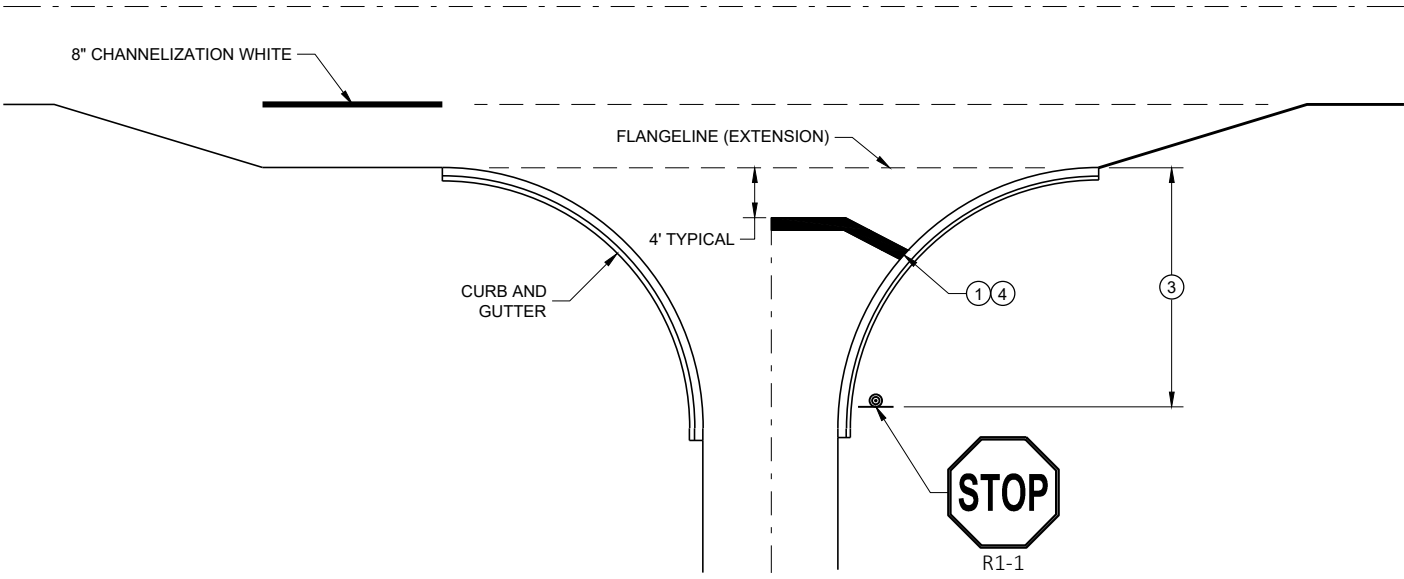
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

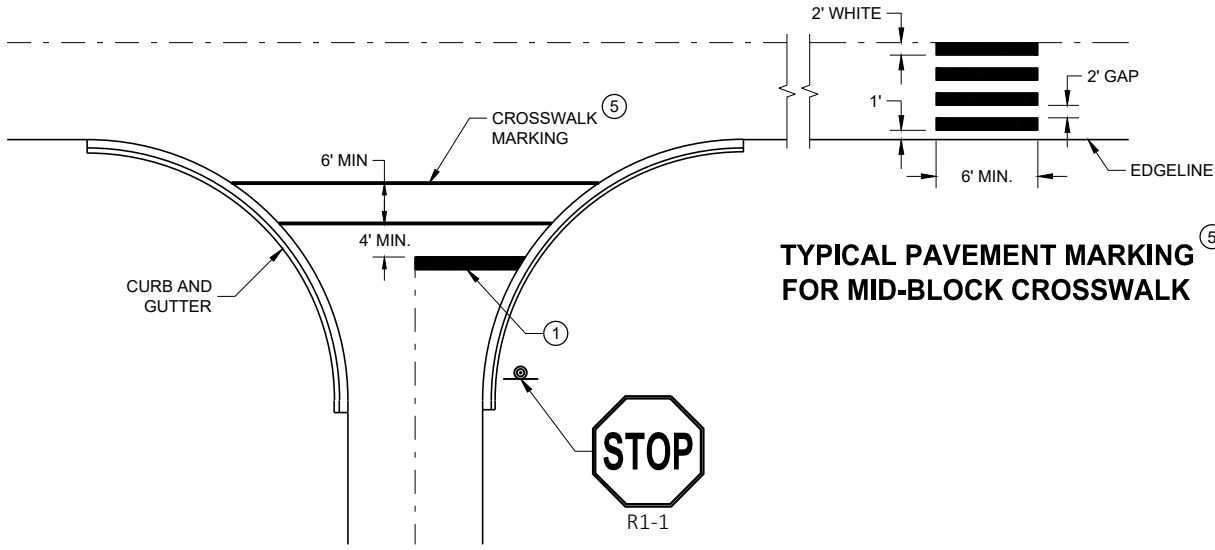
- ① 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- ② NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
- ③ NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
- ④ MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
- ⑤ LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

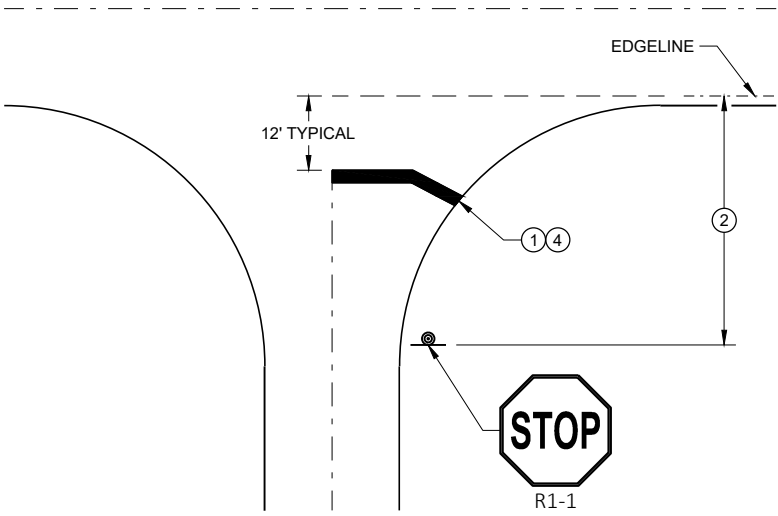


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING

TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING ENGINEER

FHWA

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

DIVISION -1- WEST FULTON STREET (SHEET 1 OF 2)

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)			
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL		MASS ORDINATE
								1.00	1.25	
			NOTE 1	NOTE 3	NOTE 1					
10+11	1011.00	0.00	148.40	0.00	0	0	0	0	0	
10+50	1050.00	39.00	67.14	0.00	156	0	156	0	156	
11+00	1100.00	50.00	66.49	0.00	124	0	280	0	280	
11+50	1150.00	50.00	66.34	0.00	123	0	403	0	403	
12+00	1200.00	50.00	67.90	0.00	124	0	527	0	527	
12+50	1250.00	50.00	69.66	0.00	127	0	654	0	654	
13+00	1300.00	50.00	71.30	0.00	131	0	785	0	785	
13+50	1350.00	50.00	68.84	0.00	130	0	915	0	915	
14+00	1400.00	50.00	67.31	0.00	126	0	1,041	0	1,041	
14+50	1450.00	50.00	67.83	0.00	125	0	1,166	0	1,166	
15+00	1500.00	50.00	67.36	0.00	125	0	1,291	0	1,291	
15+50	1550.00	50.00	65.90	0.00	123	0	1,414	0	1,414	
16+00	1600.00	50.00	64.45	0.00	121	0	1,535	0	1,535	
16+50	1650.00	50.00	66.55	0.00	121	0	1,656	0	1,656	
17+00	1700.00	50.00	66.52	0.00	123	0	1,779	0	1,779	
17+50	1750.00	50.00	69.78	0.00	126	0	1,905	0	1,905	
18+00	1800.00	50.00	67.69	0.00	127	0	2,032	0	2,032	
18+50	1850.00	50.00	77.87	0.00	135	0	2,167	0	2,167	
18+82.635	1882.64	32.64	128.78	0.00	125	0	2,292	0	2,292	
19+00	1900.00	17.36	130.96	0.00	84	0	2,376	0	2,376	
19+50	1950.00	50.00	66.96	0.00	183	0	2,559	0	2,559	
20+00	2000.00	50.00	65.36	0.00	123	0	2,682	0	2,682	
20+50	2050.00	50.00	66.53	0.00	122	0	2,804	0	2,804	
21+00	2100.00	50.00	69.12	0.00	126	0	2,930	0	2,930	
21+50	2150.00	50.00	69.56	0.00	128	0	3,058	0	3,058	
22+00	2200.00	50.00	66.21	0.00	126	0	3,184	0	3,184	
			SHEET TOTAL		3,184	0	3,184	0	3,184	

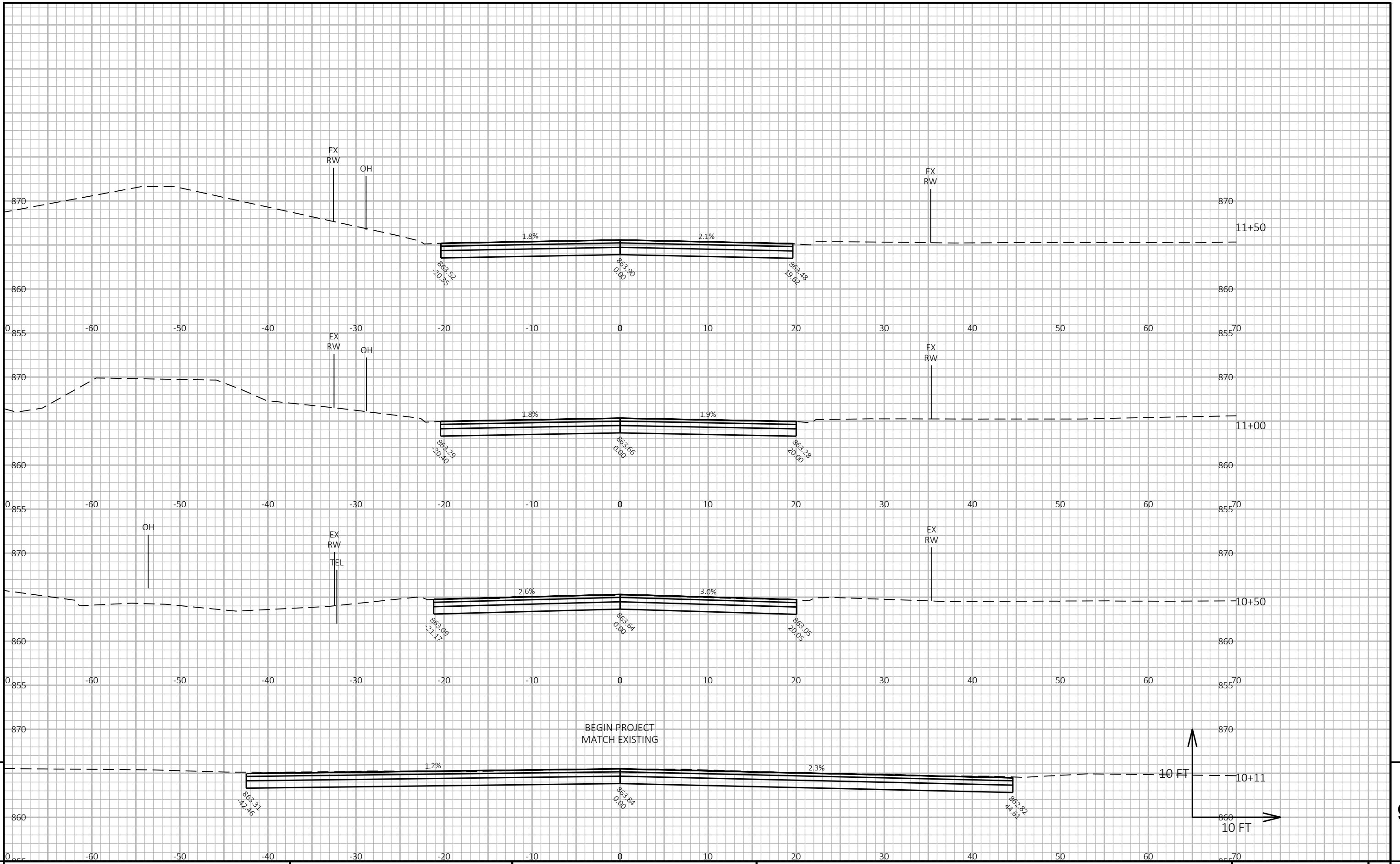
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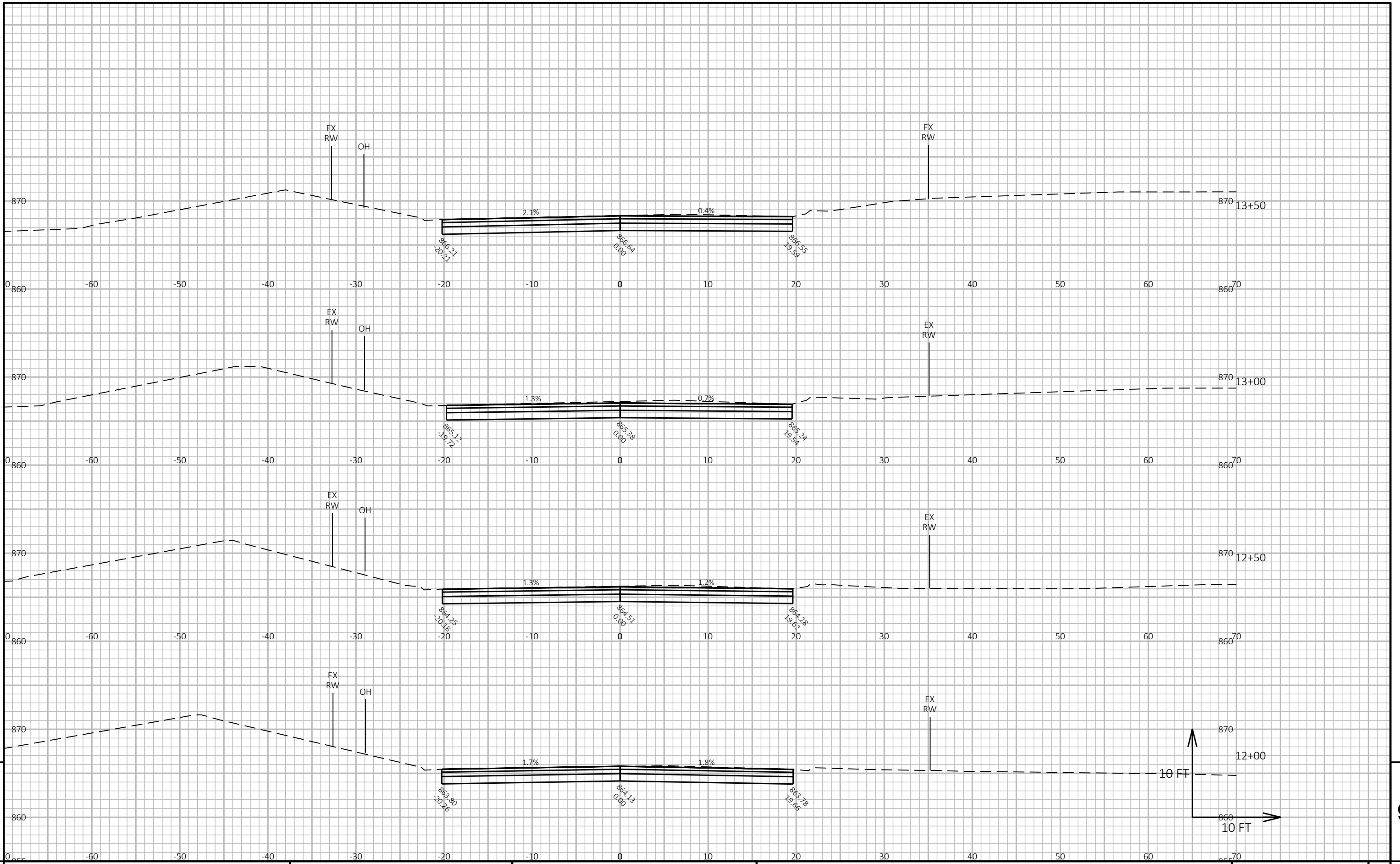
PROJECT NO: 5798-01-70	HWY: WEST FULTON STREET	COUNTY: ROCK	EARTHWORK DATA	SHEET	E
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DIVISION -1- WEST FULTON STREET (SHEET 2 OF 2)

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
					NOTE 1	NOTE 3	NOTE 1		
22+50	2250.00	50.00	67.18	0.00	124	0	3,308	0	3,308
23+00	2300.00	50.00	71.31	0.00	128	0	3,436	0	3,436
23+50	2350.00	50.00	137.27	0.00	193	0	3,629	0	3,629
23+57.591	2357.59	7.59	136.73	0.00	39	0	3,668	0	3,668
24+00	2400.00	42.41	69.05	0.00	162	0	3,830	0	3,830
24+50	2450.00	50.00	69.53	0.00	128	0	3,958	0	3,958
25+00	2500.00	50.00	67.31	0.00	127	0	4,085	0	4,085
25+50	2550.00	50.00	69.33	0.00	127	0	4,212	0	4,212
26+00	2600.00	50.00	69.15	0.00	128	0	4,340	0	4,340
26+50	2650.00	50.00	70.17	0.00	129	0	4,469	0	4,469
27+00	2700.00	50.00	69.07	0.00	129	0	4,598	0	4,598
27+50	2750.00	50.00	68.15	0.00	127	0	4,725	0	4,725
28+00	2800.00	50.00	70.42	0.00	128	0	4,853	0	4,853
28+50	2850.00	50.00	70.74	0.00	131	0	4,984	0	4,984
29+00	2900.00	50.00	70.99	0.00	131	0	5,115	0	5,115
29+43.64	2943.64	43.64	67.88	0.00	112	0	5,227	0	5,227
29+50	2950.00	6.36	66.57	0.00	16	0	5,243	0	5,243
30+00	3000.00	50.00	63.57	0.00	121	0	5,364	0	5,364
30+50	3050.00	50.00	60.22	0.00	115	0	5,479	0	5,479
31+00	3100.00	50.00	62.78	0.00	114	0	5,593	0	5,593
31+50	3150.00	50.00	64.35	0.00	118	0	5,711	0	5,711
32+00	3200.00	50.00	65.67	0.00	120	0	5,831	0	5,831
32+50	3250.00	50.00	64.93	0.00	121	0	5,952	0	5,952
33+00	3300.00	50.00	66.29	0.00	121	0	6,073	0	6,073
33+50	3350.00	50.00	68.71	0.00	125	0	6,198	0	6,198
34+00	3400.00	50.00	68.31	0.00	127	0	6,325	0	6,325
34+50	3450.00	50.00	66.40	0.00	125	0	6,450	0	6,450
35+00	3500.00	50.00	66.06	0.00	123	0	6,573	0	6,573
35+50	3550.00	50.00	70.35	0.00	126	0	6,699	0	6,699
36+00	3600.00	50.00	71.60	0.00	131	0	6,830	0	6,830
36+38.264	3638.26	38.26	123.55	0.00	138	0	6,968	0	6,968
36+50	3650.00	11.74	118.62	0.00	53	0	7,021	0	7,021
37+00	3700.00	50.00	69.36	0.00	174	0	7,195	0	7,195
37+17.8	3717.80	17.80	71.64	0.00	46	0	7,241	0	7,241
SHEET TOTAL					3,029	0	7,241	0	7,241
PROJECT TOTAL					6,213	0	7,241	0	7,241



PROJECT NO: 5798-01-70 HWY: WEST FULTON STREET COUNTY: ROCK CROSS SECTIONS: WEST FULTON STREET SHEET 9



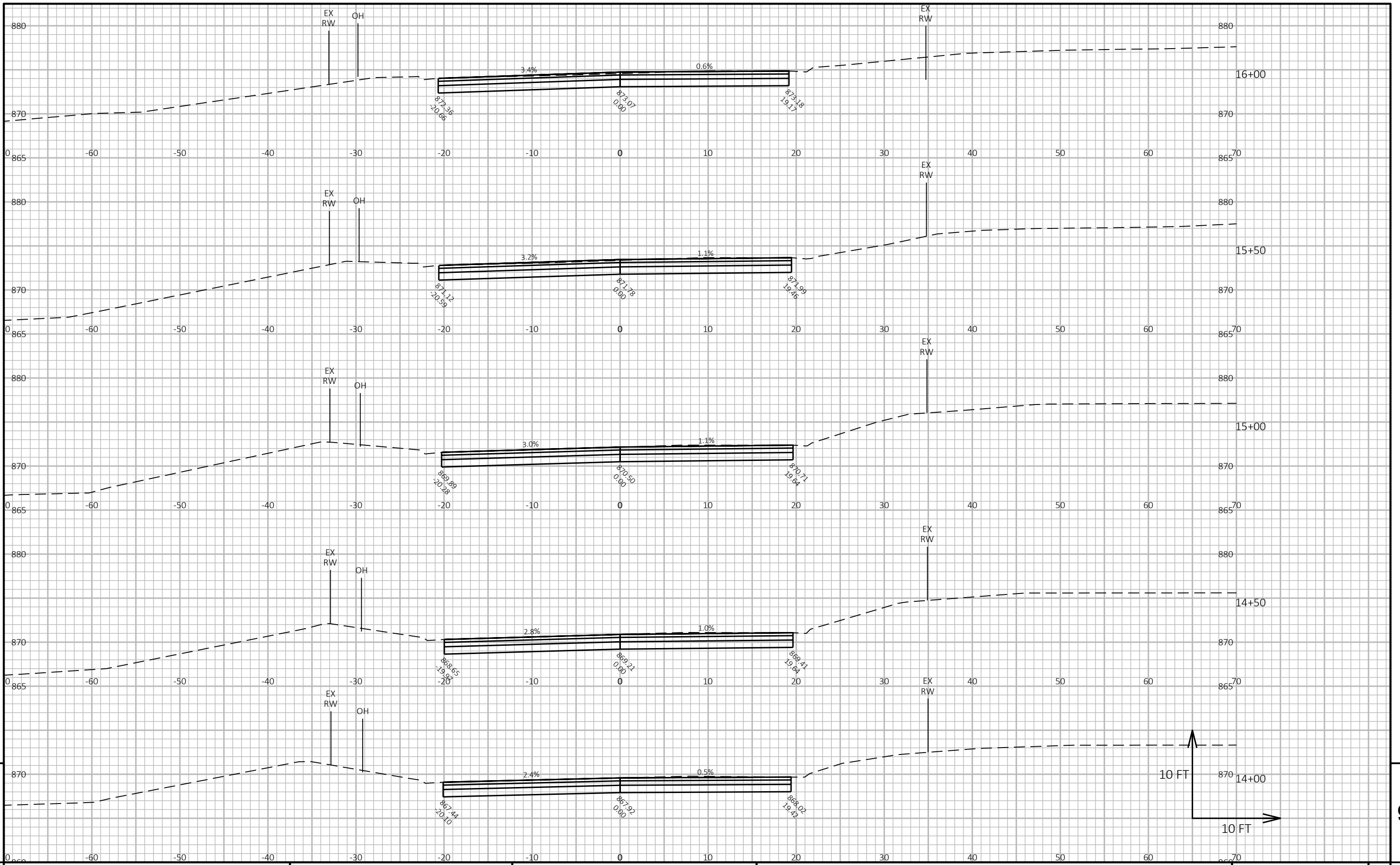
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PROJECT NO: 5798-01-70 HWY: WEST FULTON STREET COUNTY: ROCK CROSS SECTIONS: WEST FULTON STREET SHEET E

FILE NAME : I:\CLIENTS-MADSM\E\4894 EDGERTON CITY OF\109 WEST FULTON STREET - STP PAVEMENT REPLACEMENT\RENAME TO DOT CONSTRUCTION PROJECT NUMBER\SHETSPLAN\090201-XSPD\DATE : 6/24/2022 11:12 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT. WISDOT/CADD SHEET 49

LAYOUT NAME - xs-2



PROJECT NO: 5798-01-70

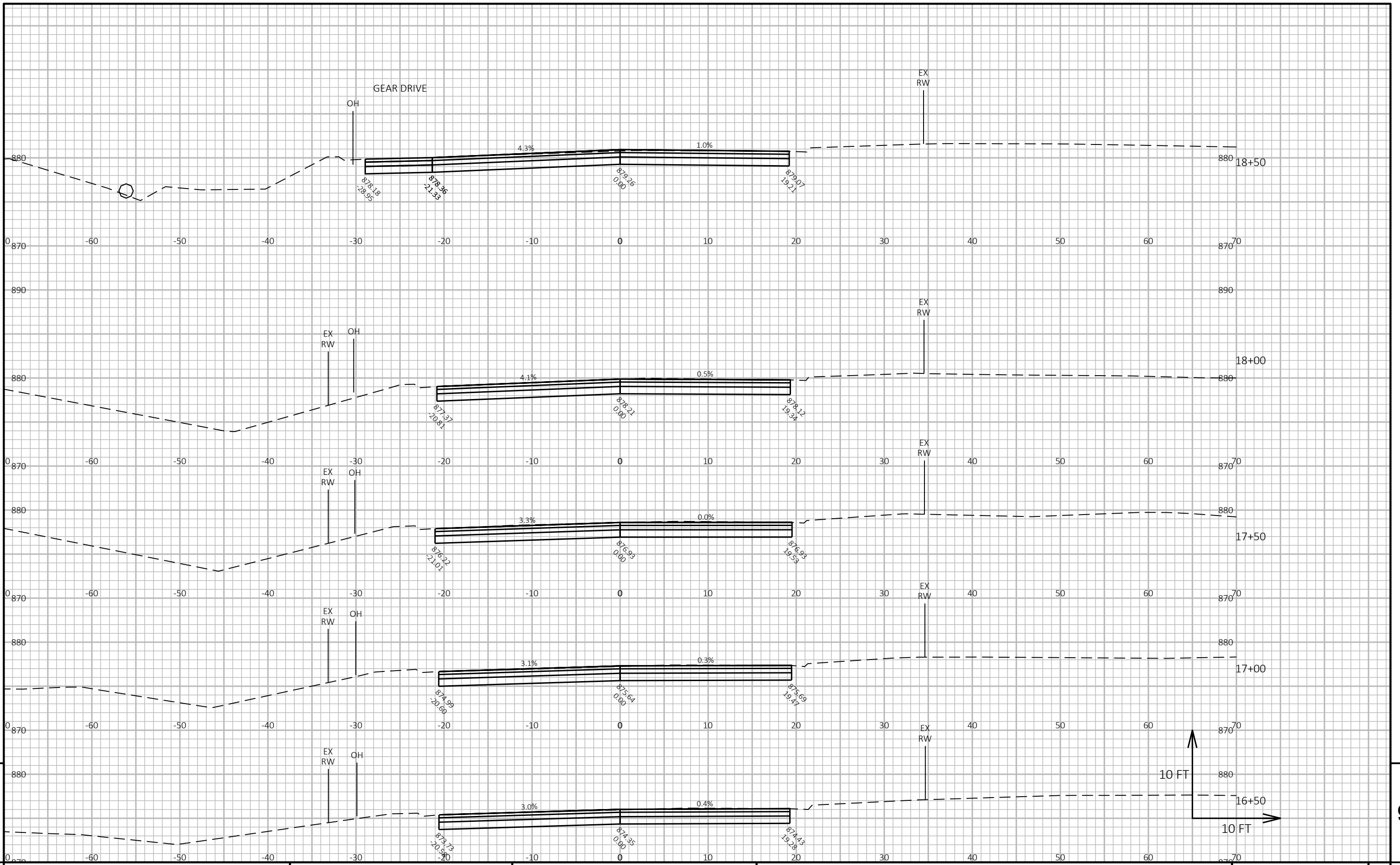
HWY: WEST FULTON STREET

COUNTY: ROCK

CROSS SECTIONS: WEST FULTON STREET

SHEET

E



PROJECT NO: 5798-01-70

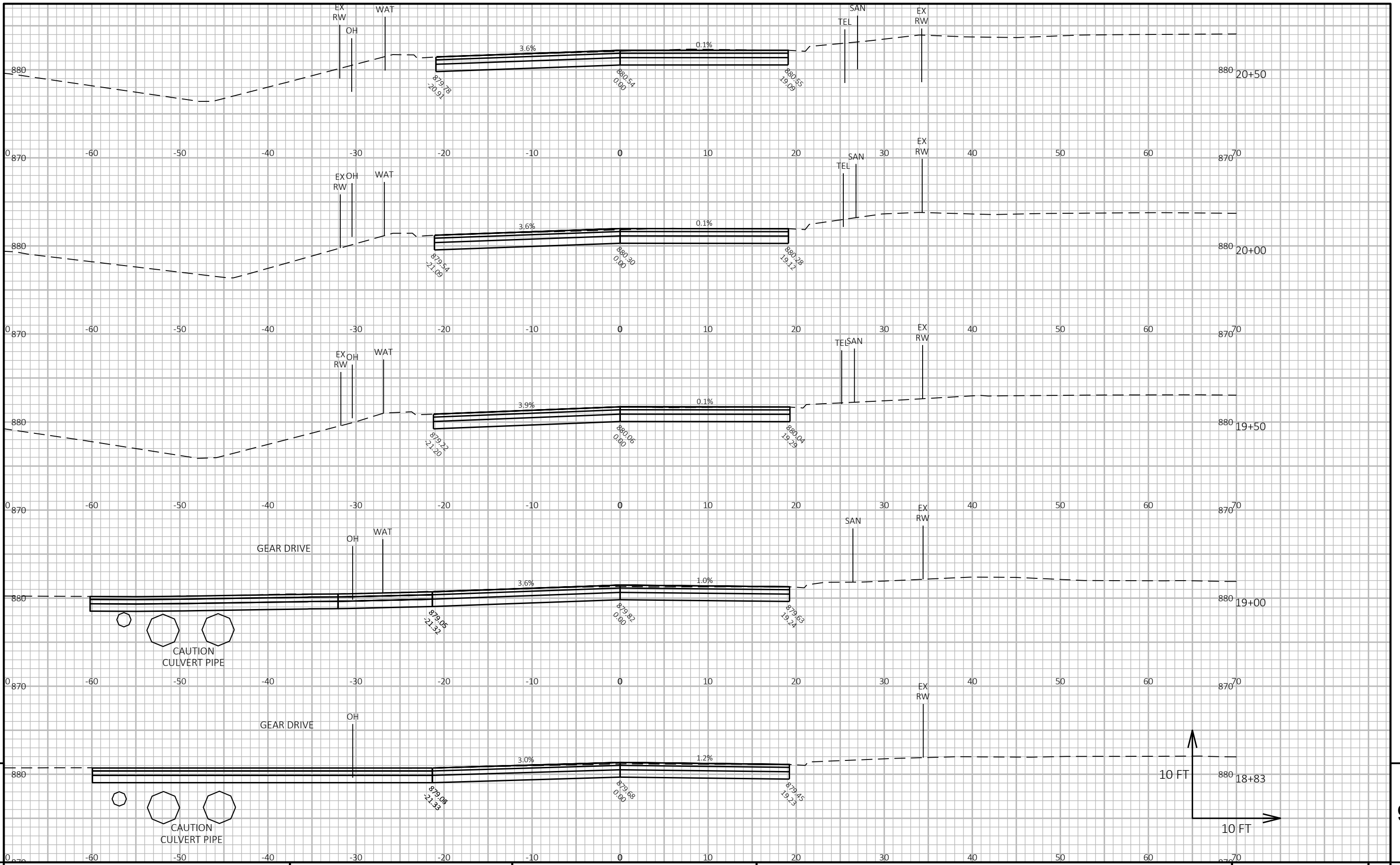
HWY: WEST FULTON STREET

COUNTY: ROCK

CROSS SECTIONS: WEST FULTON STREET

SHEET

E



PROJECT NO: 5798-01-70

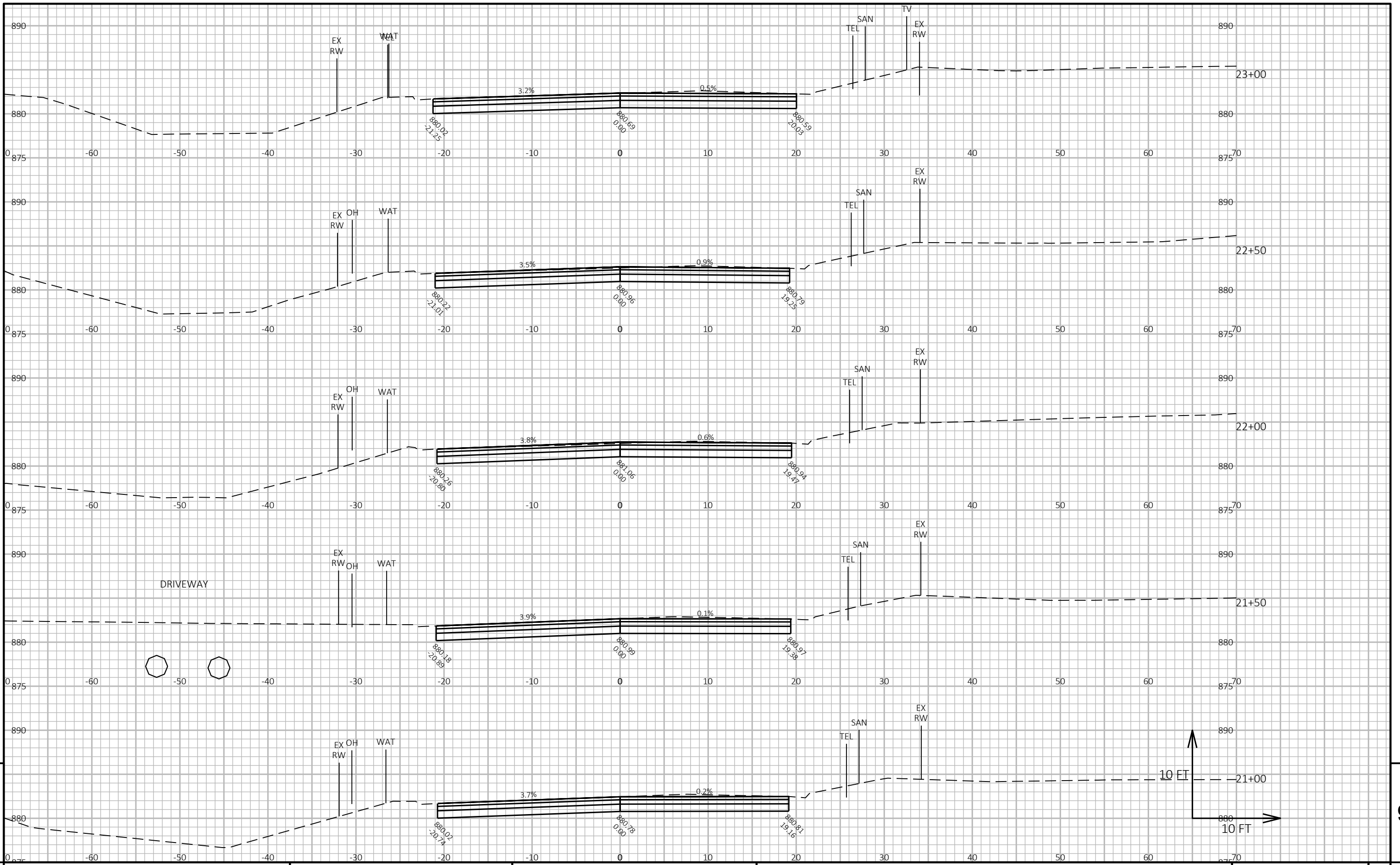
HWY: WEST FULTON STREET

COUNTY: ROCK

CROSS SECTIONS: WEST FULTON STREET

SHEET

E



PROJECT NO: 5798-01-70

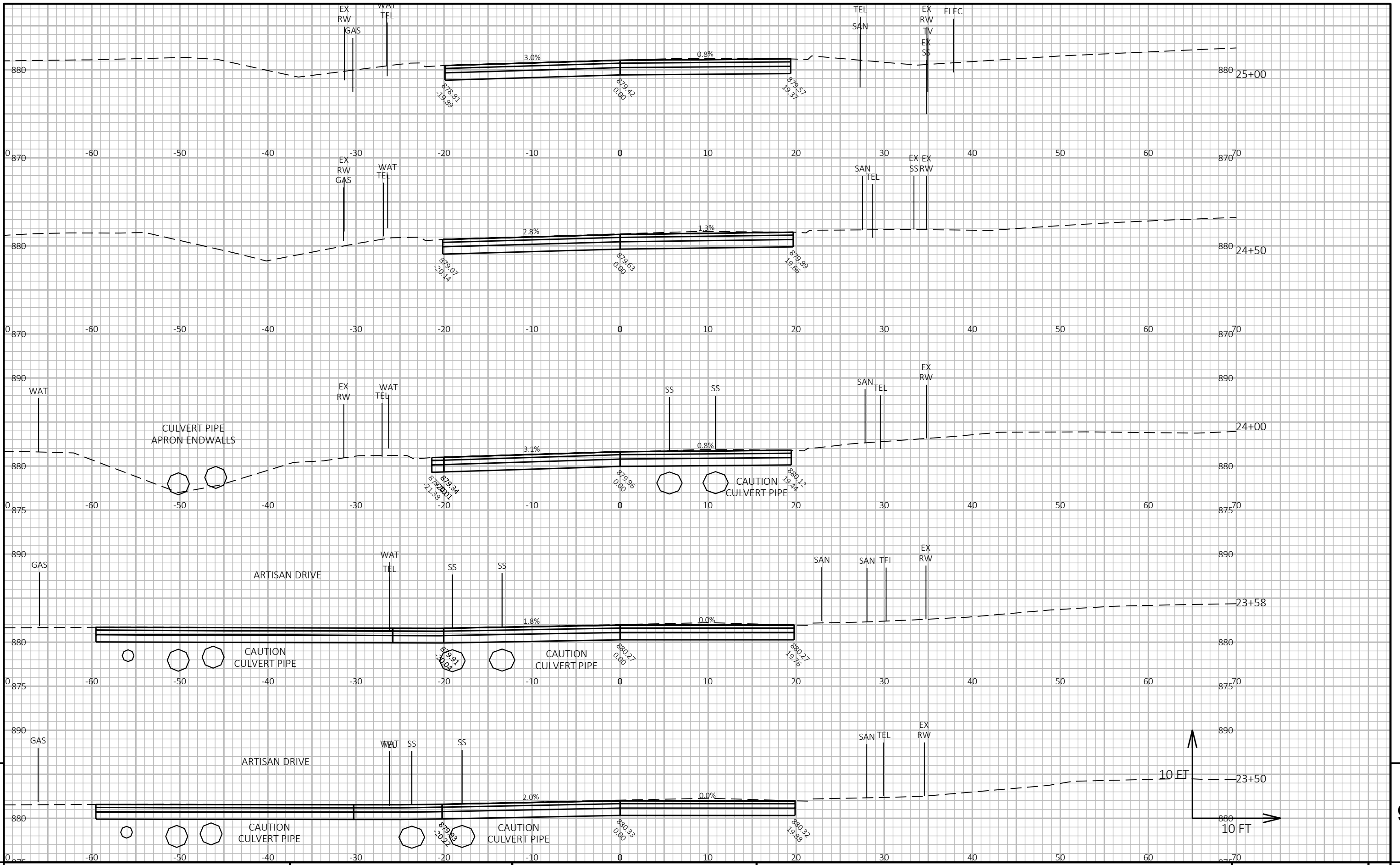
HWY: WEST FULTON STREET

COUNTY: ROCK

CROSS SECTIONS: WEST FULTON STREET

SHEET

E



PROJECT NO: 5798-01-70

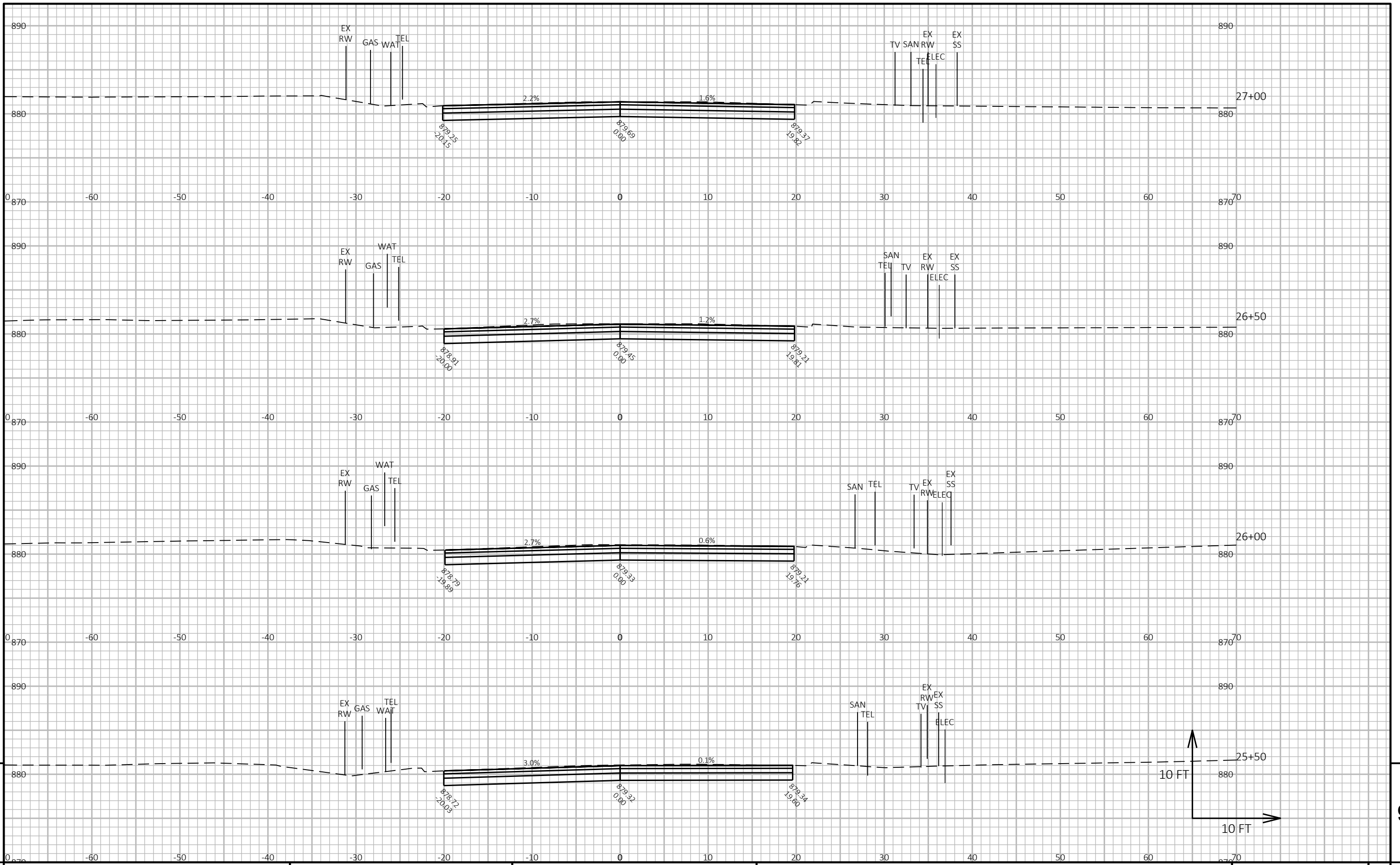
HWY: WEST FULTON STREET

COUNTY: ROCK

CROSS SECTIONS: WEST FULTON STREET

SHEET

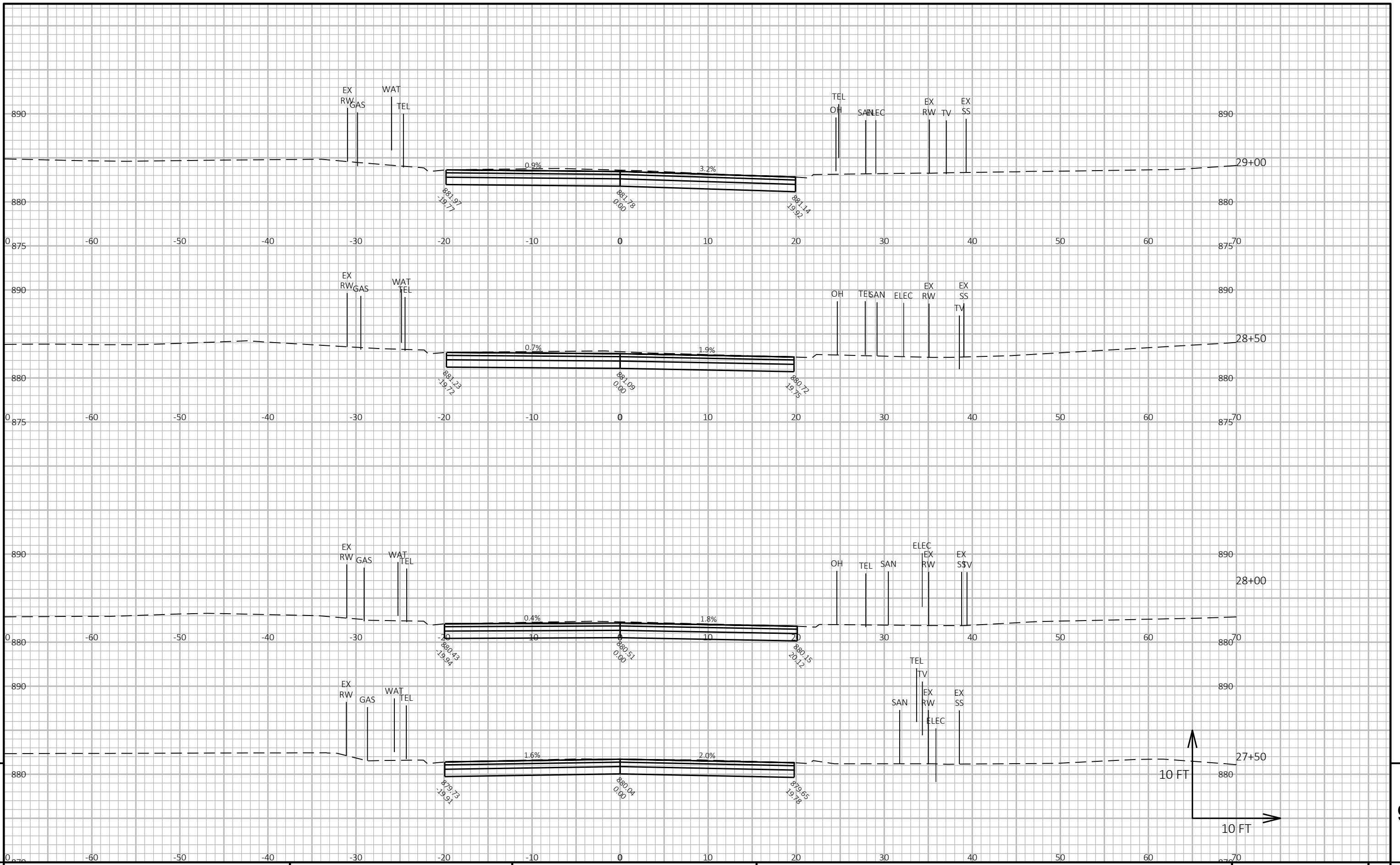
E



9

9

PROJECT NO: 5798-01-70	HWY: WEST FULTON STREET	COUNTY: ROCK	CROSS SECTIONS: WEST FULTON STREET	SHEET	E
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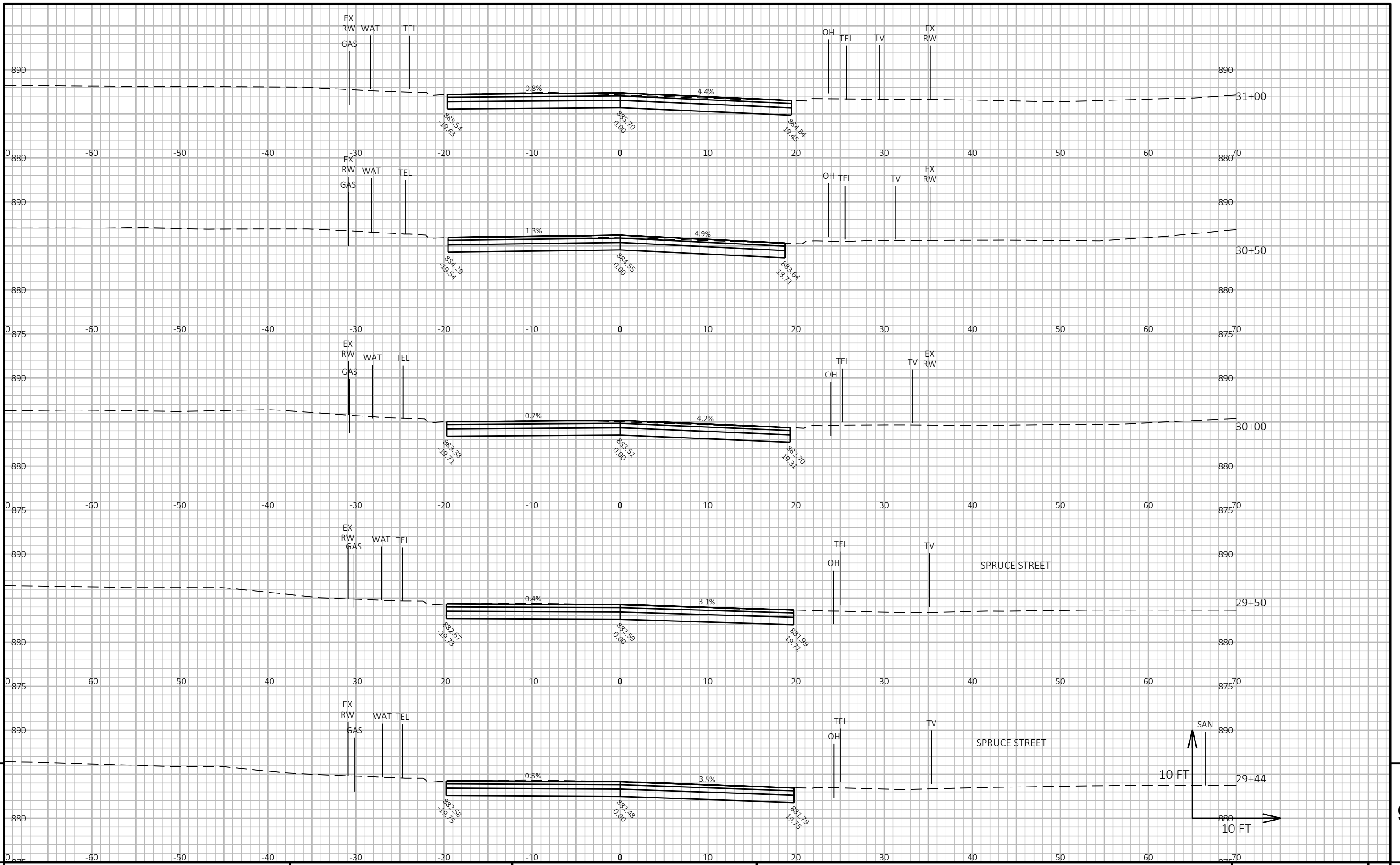
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9

PROJECT NO: 5798-01-70 HWY: WEST FULTON STREET COUNTY: ROCK CROSS SECTIONS: WEST FULTON STREET SHEET E

FILE NAME: I:\CLIENTS-MADSN\E\4894 EDGERTON CITY OF\109 WEST FULTON STREET - STP PAVEMENT REPLACEMENT\RENAME TO DOT CONSTRUCTION PROJECT NUMBER\SHETSPLAN\090201-XS-9.DWG DATE: 6/24/2022 11:12 AM PLOT BY: JORDAN DISTERHAFT PLOT NAME: PLOT SCALE: 1 IN:10 FT HORZ. / 1 IN:10 FT VERT. WISDOT/CADD SHEET 49

LAYOUT NAME - xs-9



PROJECT NO: 5798-01-70

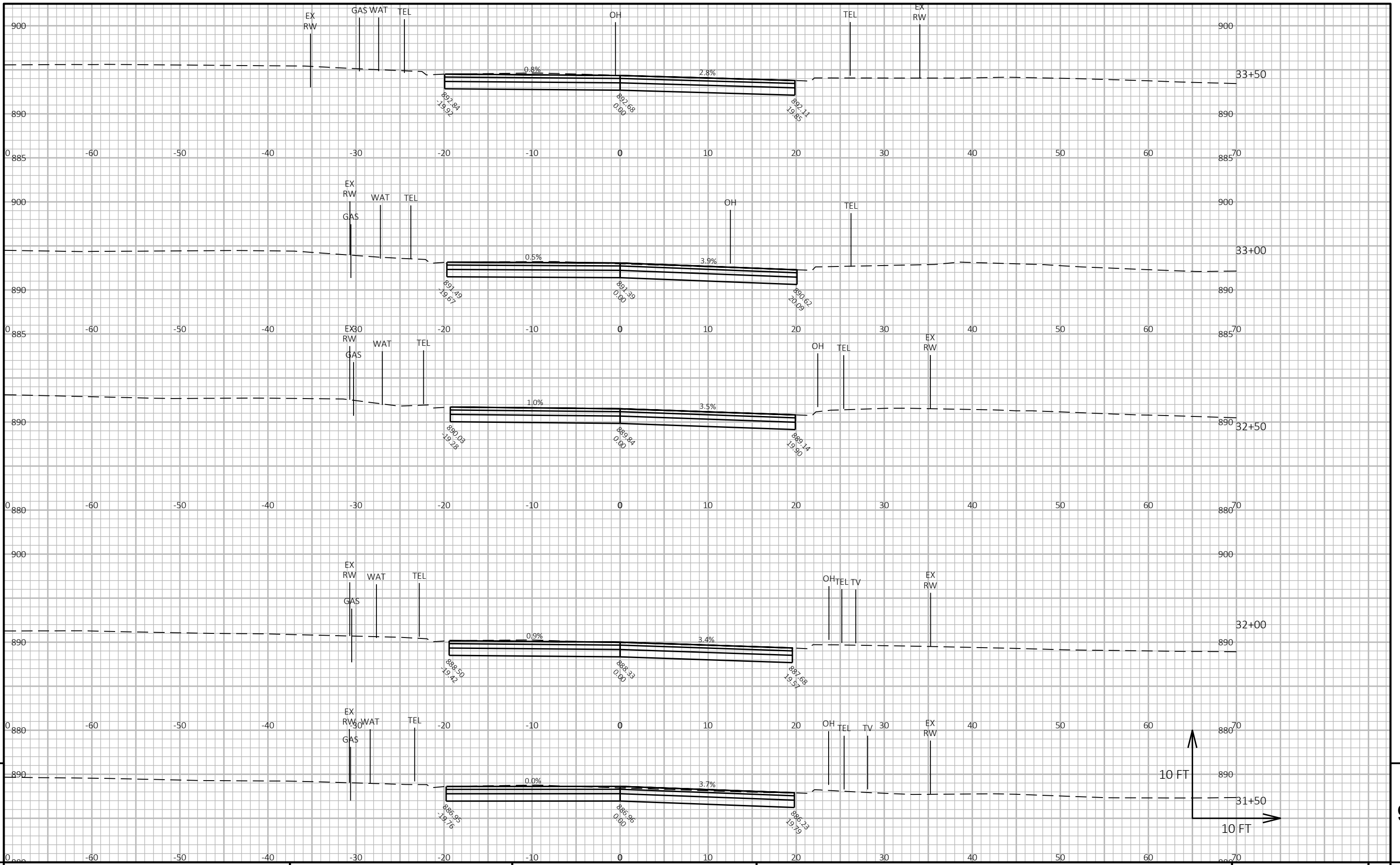
HWY: WEST FULTON STREET

COUNTY: ROCK

CROSS SECTIONS: WEST FULTON STREET

SHEET

E



PROJECT NO: 5798-01-70

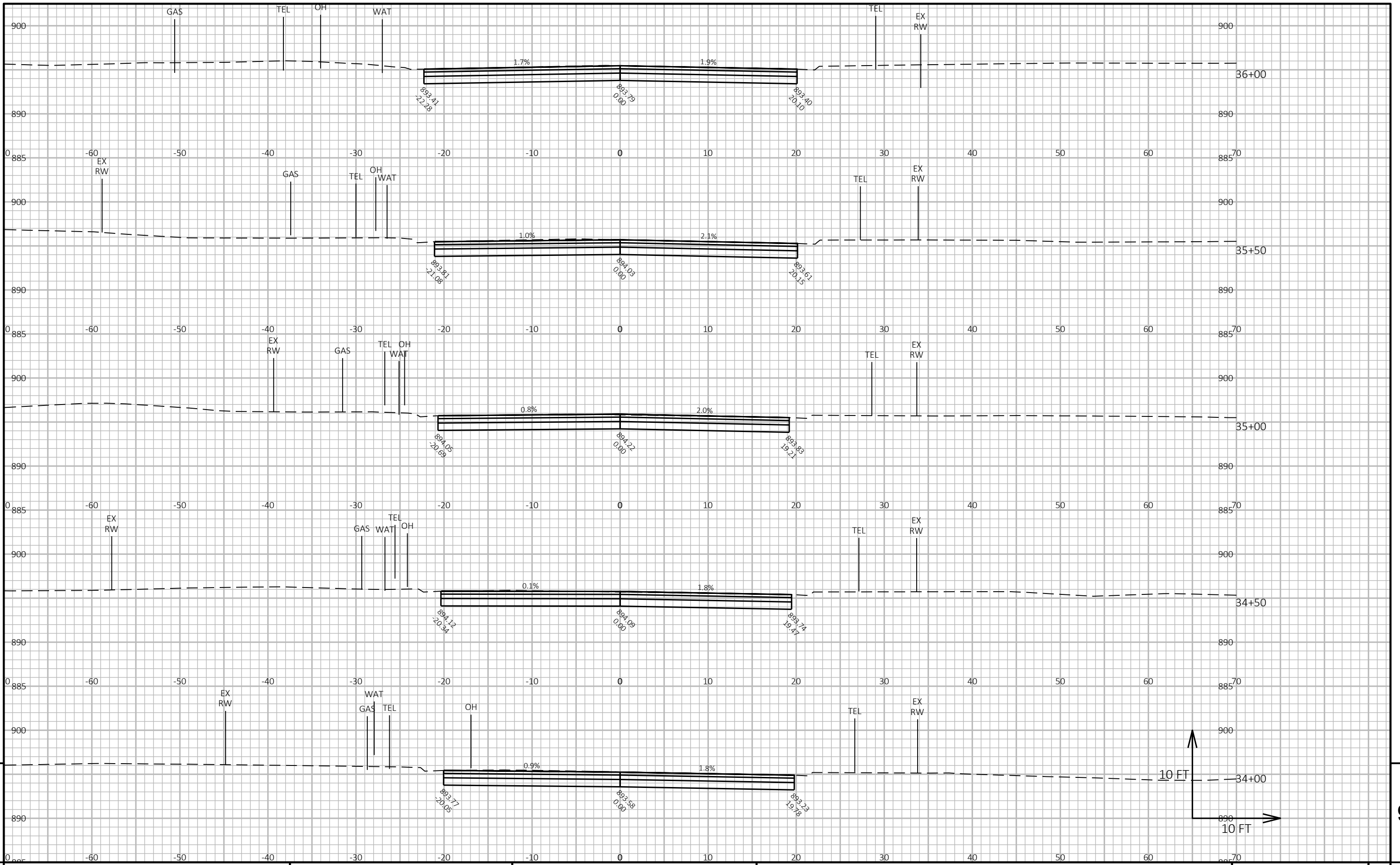
HWY: WEST FULTON STREET

COUNTY: ROCK

CROSS SECTIONS: WEST FULTON STREET

SHEET

E



PROJECT NO: 5798-01-70

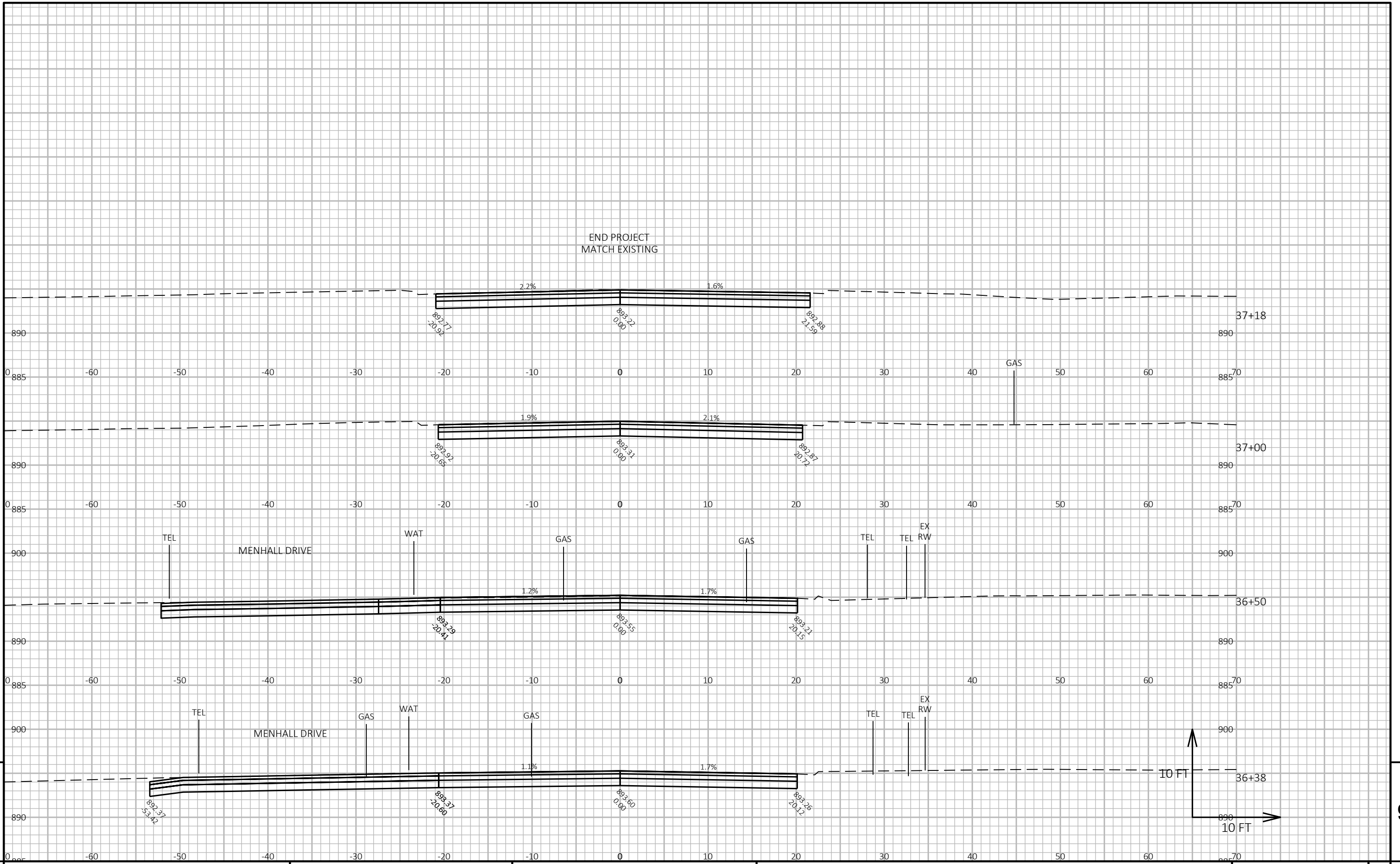
HWY: WEST FULTON STREET

COUNTY: ROCK

CROSS SECTIONS: WEST FULTON STREET

SHEET

E



PROJECT NO: 5798-01-70	HWY: WEST FULTON STREET	COUNTY: ROCK	CROSS SECTIONS: WEST FULTON STREET	SHEET E
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Notes



Wisconsin Department of Transportation

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