

SUP

MAY 2021

PROJECT ID:
WITH: N/A

8090-00-72

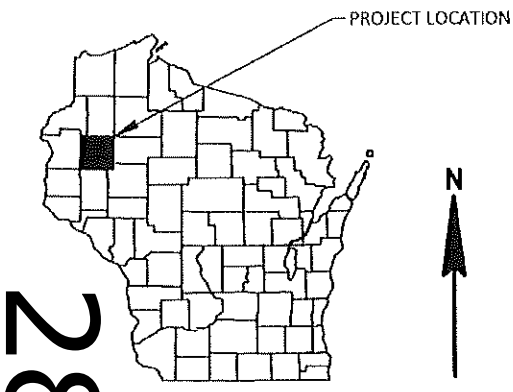
COUNTY:

BARRON

ORDER OF SHEETS

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

TOTAL SHEETS = 44



DESIGN DESIGNATION

A.A.D.T. (2023)	=	2,500
A.A.D.T. (2043)	=	3,100
D.H.V.	=	334
D.D.	=	60/40
T.	=	12.5%
DESIGN SPEED	=	60 MPH
ESALS	=	760,000

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	////
PROPERTY LINE	---
LOT LINE	- - -
LIMITED HIGHWAY EASEMENT	- . - . -
EXISTING RIGHT OF WAY	=====
PROPOSED OR NEW R/W LINE	=====
SLOPE INTERCEPT	30/18'
REFERENCE LINE	-----
EXISTING CULVERT	---[]---
PROPOSED CULVERT (Box or Pipe)	[]
COMBUSTIBLE FLUIDS	CAUTION
MARSH AREA	~ ~ ~
WOODED OR SHRUB AREA	~~~~~

PROFILE

GRADE LINE	---
ORIGINAL GROUND	- - -
MARSH OR ROCK PROFILE (To be noted as such)	- - -
SPECIAL DITCH	---
GRADE ELEVATION	95.36
CULVERT (Profile View)	[]
UTILITIES	
ELECTRIC	E
FIBER OPTIC	FO
GAS	G
OVERHEAD	OH
SANITARY SEWER	SAN

GENERAL NOTES:

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE APPROXIMATE USGS DATUM.

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

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

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

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH SALVAGED TOPSOILED, FERTILIZED, AND SEEDED.

SILT FENCE IS TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND IN PLACE PRIOR TO CULVERT REMOVAL.

BEARINGS SHOWN ON THE PLAN ARE REFERENCED TO THE EXISTING ROADWAY CENTERLINE AND ARE ASSUMED.

ASPHALTIC SURFACE SHALL CONSIST OF A 6.5-INCH 4 MT 58-34 S MIX AND BE PLACED IN 3 LIFTS; A 2.5-INCH LOWER LIFT, A 2-INCH MIDDLE LIFT AND A 2-INCH UPPER LIFT.

PROJECT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

TEMPORARY CULVERT PIPE SHALL BE USED AS NECESSARY FOR SHORT TERM BYPASS PUMPING. STREAM FLOW SHALL BE MAINTAINED DURING CONSTRUCTION STAGING AS PRACTICAL TO AVOID IMPACTS TO AQUATIC SPECIES PASSAGE AND WATER QUALITY. TEMPORARY CULVERT PIPE SHALL BE INSTALLED UNDER FLAGGING OPERATIONS.

THE CENTER 63"X98" CULVERT PIPE SHALL BE INSTALLED 0.30' DEEPER THAN THE OTHER CULVERTS.

RIPRAP MEDIUM INSTALLED IN THE STREAMBED BEYOND THE CONCRETE ENDWALLS SHALL BE RECESSED BELOW THE STREAMBED ELEVATION.

RIPRAP MEDIUM FOR TEMPORARY CULVERT OUTFALL SHALL BE INCORPORATED INTO FINAL END TREATMENTS OF HORIZONTAL ELLIPTICAL PIPES AFTER REMOVAL OF TEMPORARY CULVERT PIPE.

TEMPORARY ASPHALTIC SHOULDERS SHALL BE REMOVED BEFORE FINAL ASPHALTIC SURFACE LIFTS ARE PLACED.



Dial 811 or (800)242-8511

www.DiggersHotline.com

UTILITY CONTACTS

ELECTRICITY

BARRON ELECTRIC COOPERATIVE
NATE STEINES
1434 N STH 25
BARRON, WI 54812
PHONE: (715) 418-1167
EMAIL:

XCEL ENERGY
CHADWICK ERICKSON
2911 S PIONEER AVE
RICE LAKE, WI 54868
PHONE: (715) 651-0845
EMAIL: CHADWICK.P.ERICKSON@XCELENERGY.COM

COMMUNICATION

MOSAIC TELECOM
DENNIS RUSSETT
401 S 1ST ST, PO BOX 664
CAMERON, WI 54822
PHONE: (715) 458-5518
EMAIL: CTCDENNIS@MOSAICTELECOM.COM

DNR LIAISON

DNR NORTHERN REGION HEADQUARTERS
810 W MAPLE ST
SPOONER, WI 54801

AMY CRONK
PHONE: (715) 635-4229
AMY.CRONK@WISCONSIN.GOV

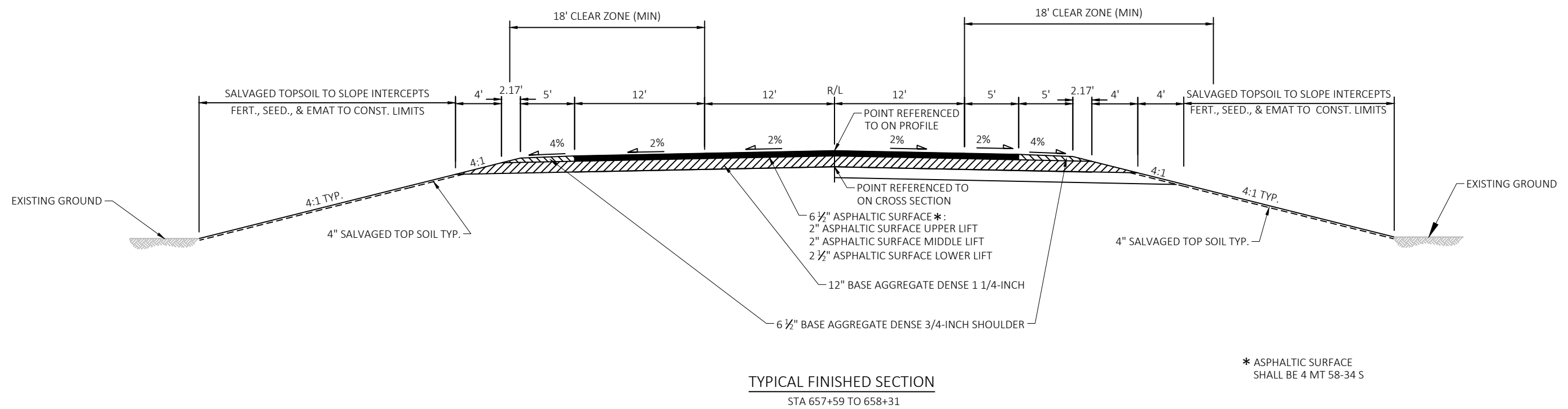
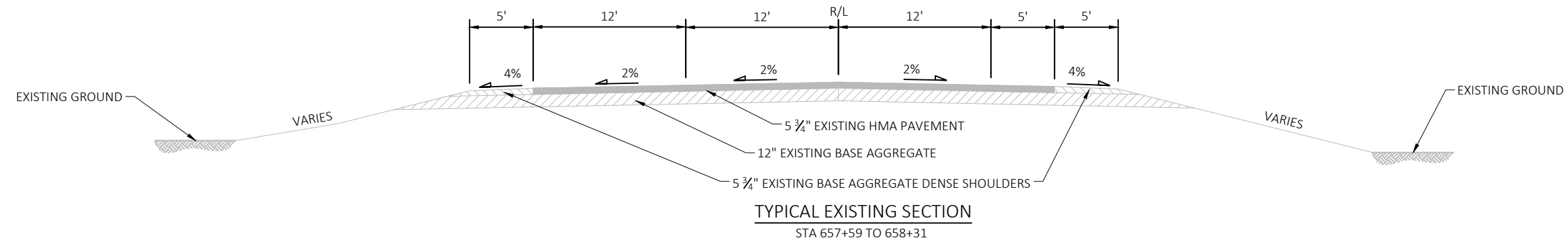
DESIGN CONTACT

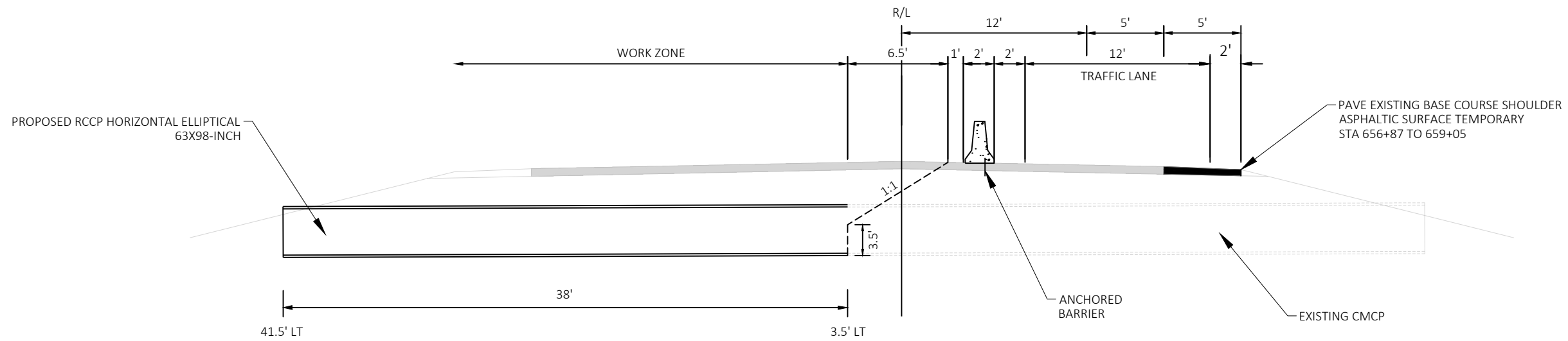
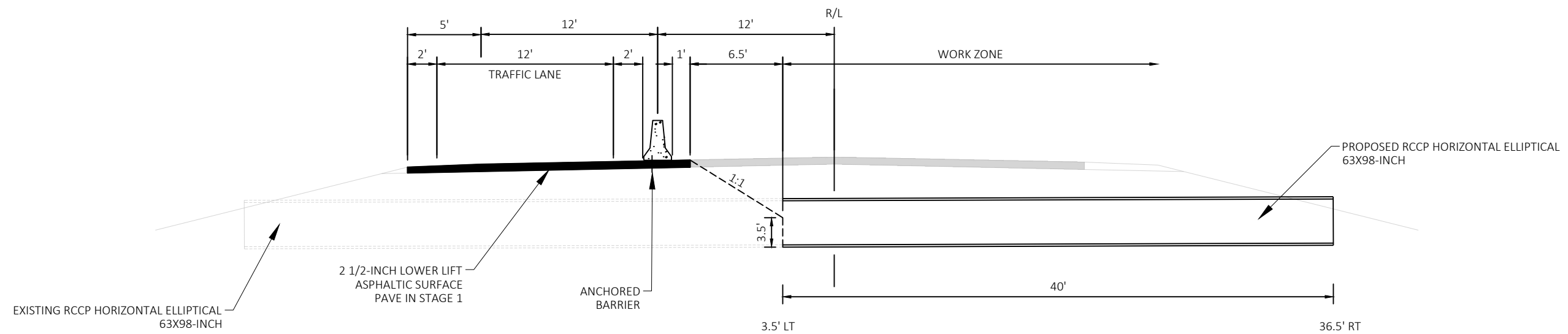
CORRE, INC.
1802 WARDEN ST
EAU CLAIRE, WI 54703

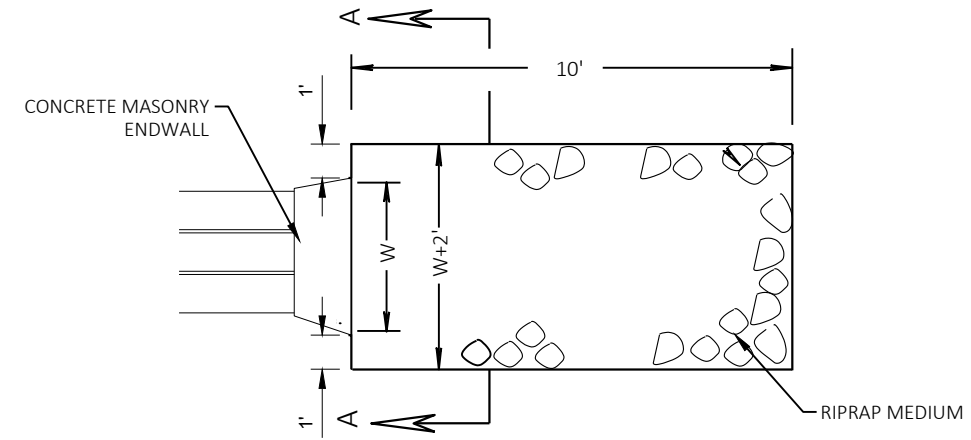
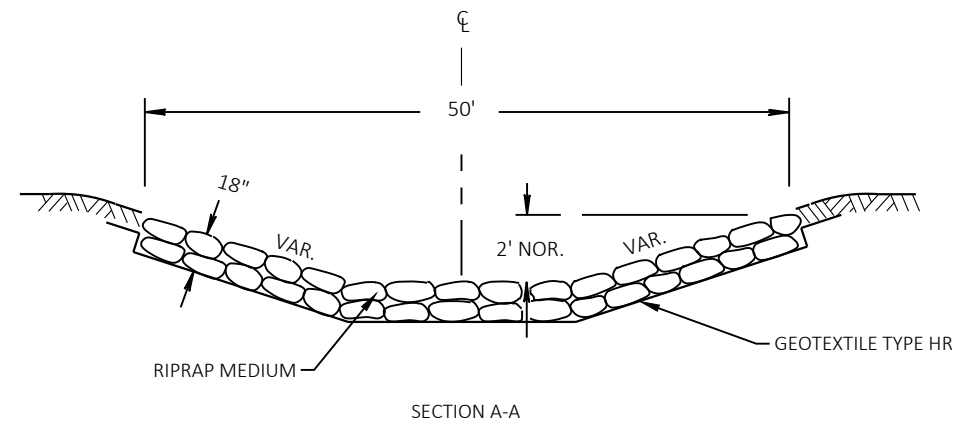
KEVIN MEYER, P.E.
PHONE: (715) 299-1894
E-MAIL: KMEYER@CORREINC.COM

RUNOFF COEFFICIENT TABLE

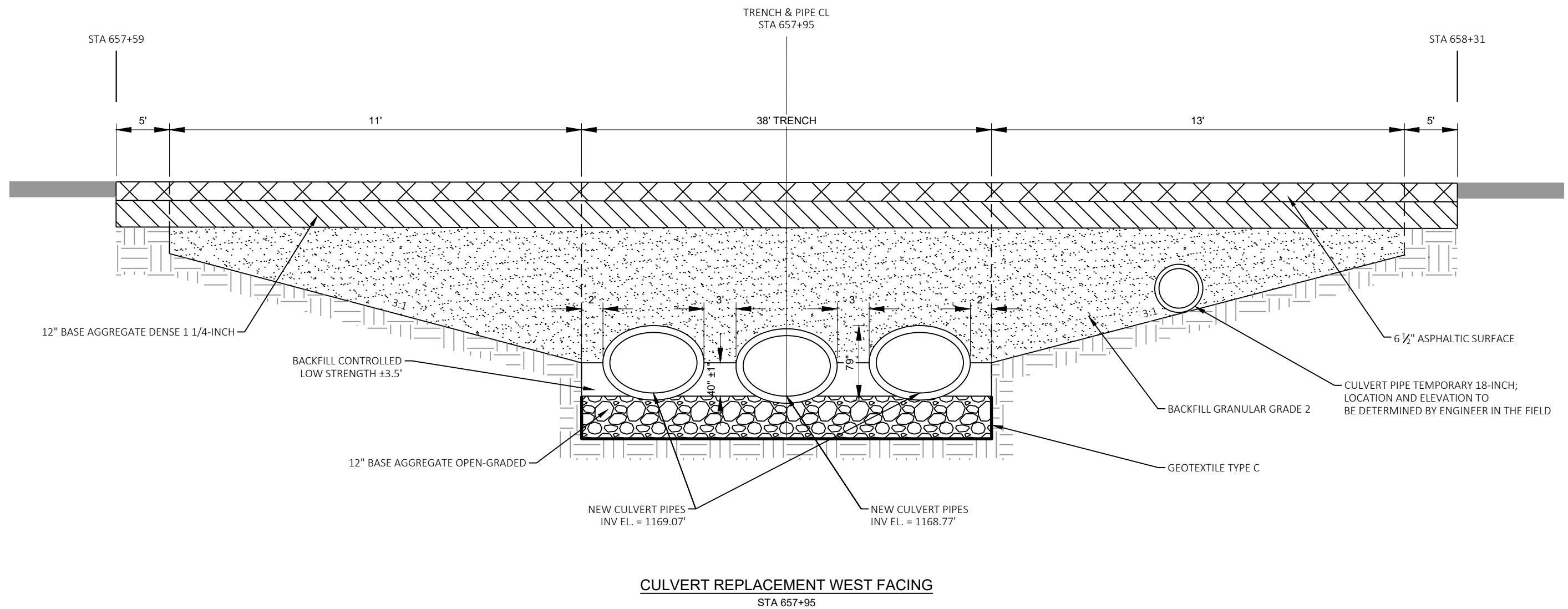
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER</			



STAGE 1 TYPICAL SECTIONSTAGE 2 TYPICAL SECTION



RIPRAP MEDIUM TREATMENT AT CULVERTS



REMOVING OLD STRUCTURE

203.0200.01 REMOVING OLD STRUCTURE (657+95)		
STATION	LS	DESCRIPTION
657+95	1	2 - 72" X 92" x 84' CSCP
		1

REMOVING ASPHALTIC SURFACE

204.0110 REMOVING ASPHALTIC SURFACE			
STATION	TO	STATION	SY
657+59	-	658+31	331
			331

BACKFILL GRANULAR GRADE 2

209.2100 BACKFILL GRANULAR GRADE 2			
STATION	TO	STATION	CY
657+53	-	658+36	220
			220

BACKFILL CONTROLLED LOW STRENGTH

209.0200.S BACKFILL CONTROLLED LOW STRENGTH			
STATION	TO	STATION	CY
657+59	-	658+31	138
			138

PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS				
STATION	TO	STATION	LOCATION	STA
656+87	-	659+05	RT	3
656+99	-	658+97	LT	3
TOTAL 0010				6

FINISHING ROADWAY

213.0100.01 FINISHING ROADWAY (PROJECT) (8090- 00-72)	
LOCATION	EACH
PROJECT	1
TOTAL 0010	

RIPRAP MEDIUM

STATION	606.0200	645.0120	REMARKS
	RIPRAP MEDIUM CY	GEOTEXTILE TYPE HR SY	
657+95 LT	32	70	TEMPORARY CULVERT OUTFALL
657+95 RT	32	70	
STH 25	5	10	
	69	150	

MAINTENANCE AND REPAIR OF HAUL ROADS

CATEGORY	618.0100.01
	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) (01. 8090-00-72) EACH
0010	1
	1

MOBILIZATION

CATEGORY	619.1000
	MOBILIZATION EACH
0010	1
	1

MOBILIZATION EROSION CONTROL

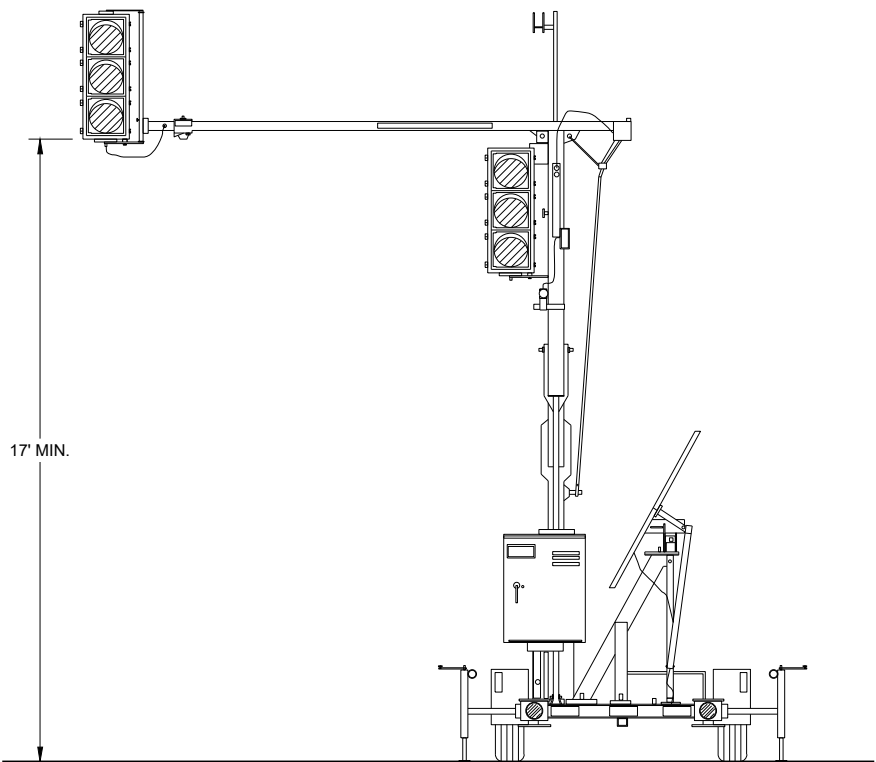
CATEGORY	STATION	TO	STATION	628.1905	628.1910
				MOBILIZATIONS EROSION CONTROL EACH	MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	657+59	-	658+31	2	2
			TOTAL 0010	2	2

EROSION CONTROL ITEMS

STATION	TO	STATION	LOCATION	625.0500	628.1504	628.1520	628.2008	629.0210	630.0120	630.0200	630.0500
				SALVAGED TOPSOIL SY	SILT FENCE LF	SILT FENCE MAINTENANCE LF	EROSION MAT URBAN CLASS I TYPE B SY	FERTILIZER TYPE B CWT	SEEDING MIXTURE NO. 20 LB	SEEDING TEMPORARY LB	SEED WATER MGAL
657+59	-	658+31	LT	145	100	100	145.0	0.2	5	5	1
657+59	-	658+3									

Standard Detail Drawing List

08E09-06	SILT FENCE
08F10-01	CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH
09G02-05A	BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION
09G02-05B	BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION
09G02-05C	BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION
14B07-15A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15C08-20B	PAVEMENT MARKING (TURN LANES)
15C08-20C	PAVEMENT MARKING (TURN LANES)
15C11-08B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15D33-06	TRAFFIC CONTROL, ONE LANE ROAD WITH TEMPORARY SIGNALS
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS

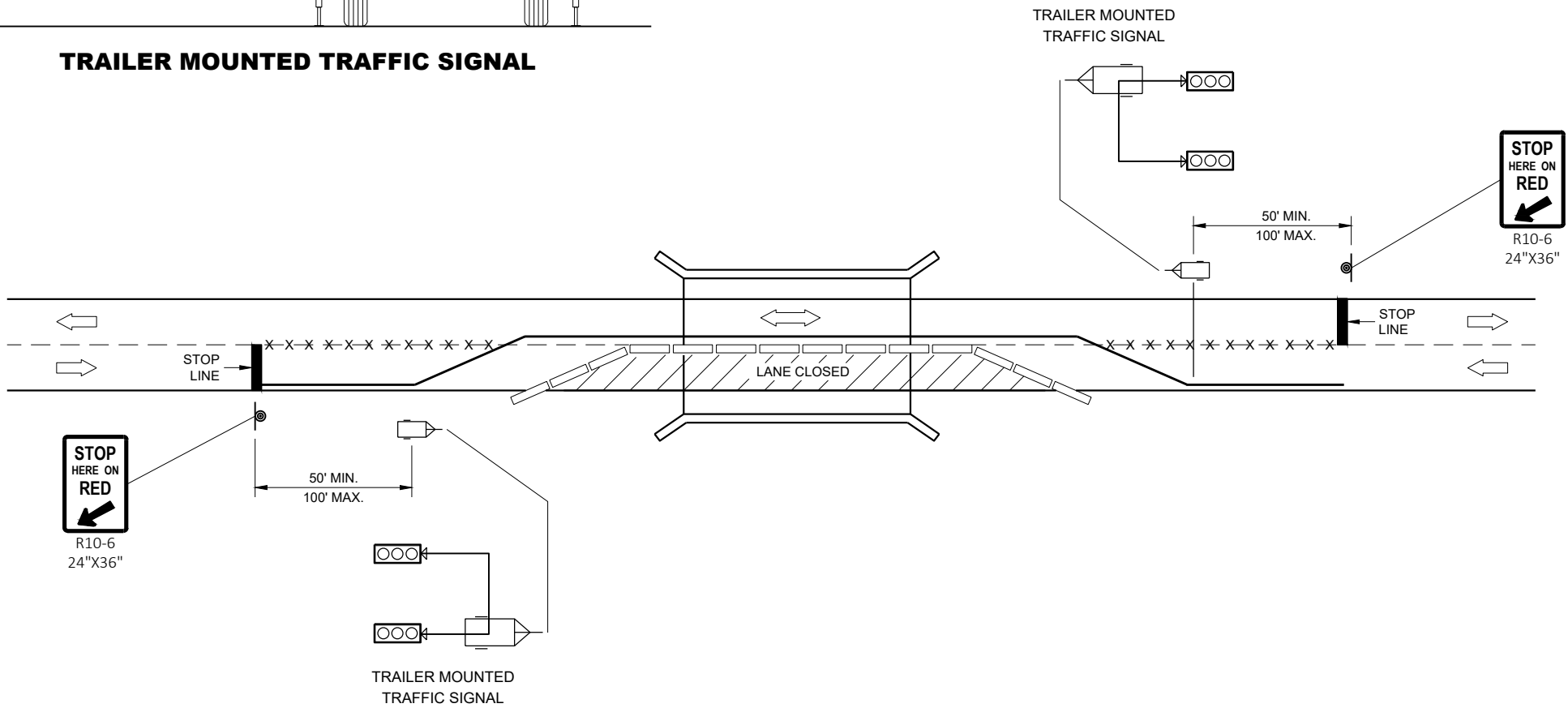


TRAILER MOUNTED TRAFFIC SIGNAL

GENERAL NOTES

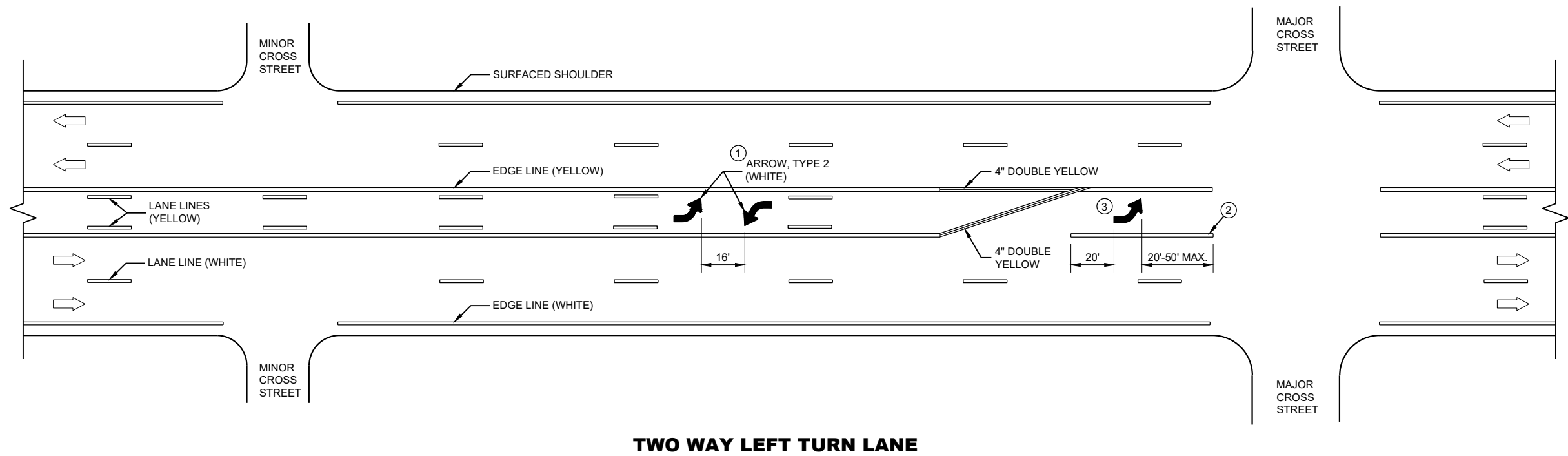
DETAIL OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SIGNING, PAVEMENT MARKING AND LANE CONTROL REQUIREMENTS SHALL CONFORM TO STANDARD DETAIL DRAWING 15D33.



TYPICAL TRAILER MOUNTED TRAFFIC SIGNAL LOCATION

BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2015 DATE	/S/ Ahmet Demerbilek ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA	



GENERAL NOTES

- ① A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- ② 8" WHITE
- ③ TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

➡ DIRECTION OF TRAFFIC

**PAVEMENT MARKING
(TURN LANES)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Notes

