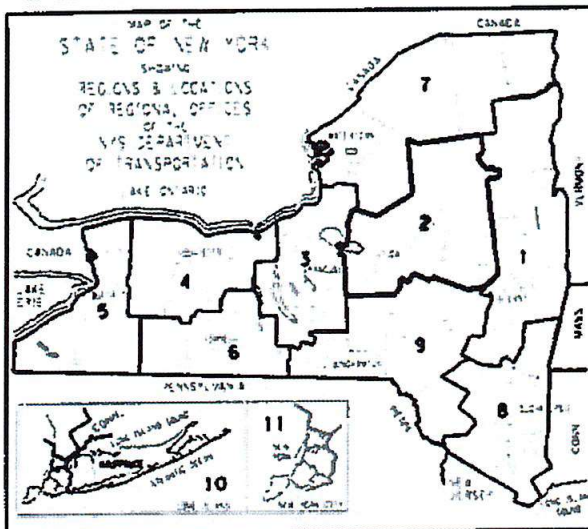


D265553



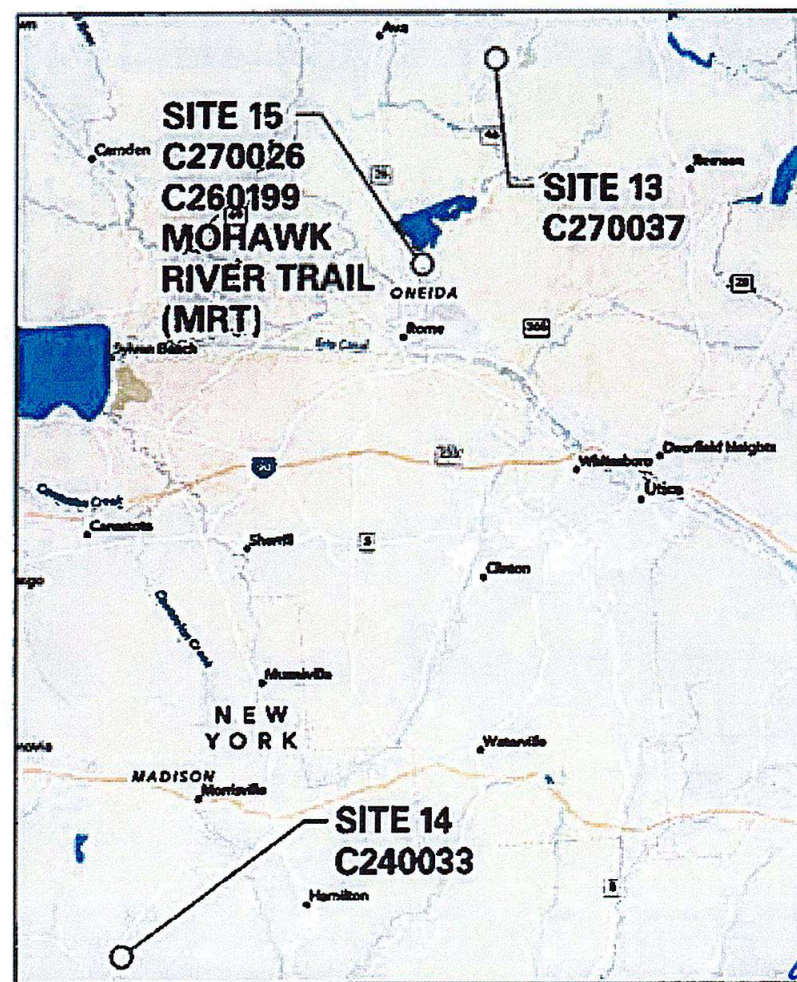
Department of Transportation

LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS CONTRACT 6 - SITES 13, 14, 15 AND MOHAWK RIVER TRAIL

PIN 2LC1.31 D265553

TOWNS OF AVA AND CITY OF ROME, ONEIDA COUNTY TOWN OF GEORGETOWN, MADISON COUNTY

F.A. PROJECT



PROJECT SITES
(SEE DWG. LM-01 FOR DETAILED SITE LOCATIONS)

APPROVED BY
SITE 15 MRT (SHEETS NO. 13-16, 18-23, 68-95)

MAYOR OF ROME NY
JEFFREY M. LANIGAN

CONTRACTOR'S NAME _____
AWARD DATE _____
COMPLETION DATE _____
FINAL ACCEPTANCE DATE _____
REGIONAL DIRECTOR _____
ENGINEER IN CHARGE _____
FINAL COST TOTAL _____
FISCAL SHARE _____ COST(S) _____



CERTIFICATION
PENDING REIFICATION

QUALITY CONTROLLED BY:
David Sadekosi 6/24/25
DAVID SADEKOSKI, P.E. DATE

RECOMMENDED BY
Brian Hoffmann
REGIONAL DESIGN ENGINEER
BRIAN HOFFMANN, P.E.

6/24/25 DATE

RECOMMENDED BY
Chris L. Langett
REGIONAL CONSTRUCTION ENGINEER
CHRISTOPHER LANGETT, P.E.

6/24/25 DATE

RECOMMENDED BY
Michael J. Pawloski
REGIONAL DIRECTOR OF OPERATIONS
MICHAEL PAWLOSKI, P.E.

6/24/25 DATE

RECOMMENDED BY
Michael J. Pawloski
REGIONAL TRAFFIC ENGINEER
MICHAEL GALLERANI, P.E.

6/24/25 DATE

APPROVED BY
Linda Lubey
REGIONAL DIRECTOR
LINDA LUBEY, P.E.

6/25/25 DATE

THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE DEPARTMENT, WHICH ARE CURRENT AS OF THE STANDARD SPECIFICATIONS ADOPTION DATE SHOWN ON THE PROPOSAL COVER, SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEETS UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (S) CUSTOMARILY REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL."

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYSOT POLICIES AND GUIDELINES AND THE FINAL DESIGN REPORT APPROVED ON 10/30/2024 FOR PIN 2LC1.31 CULVERTS C270037, C240033, AND C270026. FINAL DESIGN APPROVED ON 5/15/2020 FOR MOHAWK RIVER TRAIL (MRT) AND CULVERT C260199.

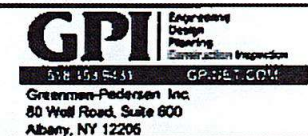


PREPARED AND RECOMMENDED BY: LABELLA ASSOCIATES, D.P.C.
SITES 13, 14, AND 15 (SHEET NO. 1-12, 17, 24-67)



6/13/2025

WAYNE A. FRYE, P.E.
N.Y.S. P.E. LICENSE NO. 076862



CHRISTOPHER C. CORNELL, P.E.
N.Y.S. P.E. LICENSE NO. 086050

LARGE CULVERT REPLACEMENT PROJECT

SH: 1355, 339, 562

AVA, GEORGETOWN, CITY OF ROME

COUNTIES: ONEIDA, MADISON

FED. ROAD REG. NO.	STATE	SHEET NO.
1	N.Y.	1

CAPITAL PROJECT
IDENTIFICATION NO. 2LC1.31

INDEX ON SHEET NO. 2

D265553

ALIGNMENT		TOPOGRAPHY (MISCELLANEOUS)	
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
AH	AHEAD	ABUT	ABUTMENT
AZ	AZIMUTH	AOBE	AS ORDERED BY ENGINEER
BK	BACK	ASPH	ASPHALT
B	BASELINE	BDY	BOUNDARY
BRG	BEARING	BLDG	BUILDING
C	CENTERLINE	BM	BENCH MARK
CS	CURVE TO SPIRAL	CC	CENTER TO CENTER
e	SUPERELEVATION RATE (CROSS SLOPE)	CONC	CONCRETE
EQ	EQUALITY	CONST	CONSTRUCTION
EXT	EXTERNAL	CR	COUNTY ROAD
HCL	HORIZONTAL CONTROL LINE	D	DEED DISTANCE
HSD	HEADLIGHT SIGHT DISTANCE	DM	DIRECT MEASUREMENT
L	LENGTH OF CIRCULAR CURVE	DWY	DRIVEWAY
LS	LENGTH OF SPIRAL	EP	EDGE OF PAVEMENT
LVC	LENGTH OF VERTICAL CURVE	ES	EDGE OF SHOULDER
E	CENTER CORRECTION OF VERTICAL CURVE	FEE	FEE ACQUISITION
M	MAIN LINE	FEE WO/A	FEE ACQUISITION WITHOUT ACCESS
PC	POINT OF CURVATURE	FP	FENCE POST
PI	POINT OF INTERSECTION	FD	FOUNDATION
POL	POINT ON LINE	FL	FENCE LINE
PSD	PASSING SIGHT DISTANCE	GAR	GARAGE
PT	POINT OF TANGENT	GR	GRAVEL
PVC	POINT OF VERTICAL CURVE	HO	HOUSE
PVI	POINT OF VERTICAL INTERSECTION	HWY	HIGHWAY
PVT	POINT OF VERTICAL TANGENT	IP	IRON PIN OR IRON PIPE
R	RADIUS	MB	MAILBOX
SC	SPIRAL TO CURVE	MON	MONUMENT
SSD	STOPPING SIGHT DISTANCE	N&W	NAIL AND WASHER
ST	SPIRAL TO TANGENT	OG	ORIGINAL GROUND
STA	STATION	O/H	OVERHEAD
T	TANGENT LENGTH	P	PARCEL
TGL	THEORETICAL GRADE LINE	PAV'T	PAVEMENT
TS	TANGENT TO SPIRAL	PE	PERMANENT EASEMENT
VC	VERTICAL CURVE	PED POLE	PEDESTRIAN POLE
TOPOGRAPHY (DRAINAGE)		P	PROPERTY LINE
		POR	PORCH
		RR	RAILROAD
BB	BOTTOM OF BANK (STREAM)	RTE	ROUTE
BC	BOTTOM OF CURB	ROW	RIGHT OF WAY
BO	BOTTOM OF OPENING	RW	RETAINING WALL
CAP	CORRUGATED ALUMINUM PIPE	SH	STATE HIGHWAY
CB	CATCH BASIN	SHDR	SHOULDER
CIP	CAST IRON PIPE	SPK	SPIKE
C STRM	CENTERLINE OF STREAM	ST	STREET
CMP	CORRUGATED METAL PIPE	STK	STAKE
CP	CONCRETE PIPE	STY	STORY
CSP	CORRUGATED STEEL PIPE	SW	SIDEWALK
CULV	CULVERT	TE	TEMPORARY EASEMENT
DIA	DIAMETER	TO	TEMPORARY OCCUPANCY
DMH	DRAINAGE MANHOLE	U/G	UNDERGROUND
DS	DRAINAGE STRUCTURE PIPE	WW	WING WALL
D'XING	DITCH CROSSING		
EHW	EXTREME HIGH WATER		
EL	ELEVATION		
ELEV	ELEVATION		
ELW	EXTREME LOW WATER		
ES	END SECTION		
HW	HEADWALL		
INV	INVERT		
MH	MANHOLE		
MHW	MEAN HIGH WATER		
OHW	ORDINARY HIGH WATER		
OLW	ORDINARY LOW WATER		
RCP	REINFORCED CONCRETE PIPE		
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE		
TB	TOP OF BANK (STREAM)		
TC	TOP OF CURB		
TG	TOP OF GRATE		
VCP	VITRIFIED CLAY PIPE		

STANDARD SYMBOL (PLANS)	ITEM PAYMENT UNIT: ESTIMATE OF QUANTITIES SHEET	EQUIVALENT NOMENCLATURE: (SPECS/PROPOSAL)
"	-	INCHES
'	LF	LINEAR FEET
mi	MI	MILES
ft ²	SF	SQUARE FEET
YD ²	SY	SQUARE YARD
AC	AC	ACRES
YD ³	CY	
GAL	GAL	GALLON
lb	LB	POUND
TON	TON	TON

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS		PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270037 C240033 C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265553		
	CONTRACT 6					ALL SITES INDEX AND ABBREVIATIONS		DRAWING NO. IND-01 SHEET NO. 2		
	S.H. 1355, S.H. 339, S.H. 562									
	AVA, GEORGETOWN, CITY OF ROME									
	COUNTY: ONEIDA, MADISON									
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.										
									 NEW YORK STATE Department of Transportation	

UTILITIES		SUBSURFACE EXPLORATION	
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
E	ELECTRIC		
EMH	ELECTRIC MANHOLE		
G	GAS		
GP	GUY POLE		
GSB	GAS SERVICE BOX (HOUSE LINE)		
GV	GAS VALVE (MAIN LINE)		
HYD	HYDRANT		
LP	LIGHT POLE		
LPG	LOW PRESSURE GAS		
PP	POWER POLE		
SA	SANITARY SEWER		
SMH	SANITARY MANHOLE		
ST	STORM SEWER		
T	TELEPHONE		
TCB	TRAFFIC CONTROL BOX		
TELBOX	TELEPHONE BOX		
TEL P	TELEPHONE POLE		
TMH	TELEPHONE MANHOLE		
CTV	CABLE TELEVISION		
W	WATER		
WSB	WATER SERVICE BOX (HOUSE LINE)		
WV	WATER VALVE (MAIN LINE)		
		REPLACE ABBREVIATION "AB" WITH:	
		AH	HAND AUGER
		CP	CONE PENETROMETER
		DA	2¼ INCHES CASSED DRILL HOLE
		DM	DRILLING MUD
		DN	4 INCHES CASSED DRILL HOLE
		FH	HOLLOW FLIGHT AUGER
		PA	POWER AUGER
		PH	PROBE
		PT	PERCOLATION TEST HOLE
		RP	1 INCH SAMPLER (RETRACTABLE PLUG)
			TO BE DEFINED AT THE TIME OF EXPLORATION
		SP	SEISMIC POINT
		TP	TEST PIT
		ABBREVIATION "C" IN CATEGORIES: DA, DM, DN, AND FH WITH:	
		B	BRIDGE
		C	CUT
		D	DAM
		F	FILL
		K	CULVERT
		W	WALL
		X	TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE

HIGHWAY INDEX OF ELECTRONIC FILES IDENTIFIED AS PLANS		
DESCRIPTION	DIGITAL DATA ¹	SUPPLEMENTAL INFORMATION ²
HORIZONTAL ALIGNMENT DATA (NY46, NY26, TRAIL, AND STREAMS)	D265553_FEA_RWY_ALG_Site 13.XML	2LC131_RPT_HORIZONTAL.PDF
	D265553_FEA_CRK_ALG_Site 13.XML	
	D265553_FEA_RWY_ALG_Site 14.XML	
	D265553_FEA_CRK_ALG_Site 14.XML	
	D265553_FEA_RWY_ALG_Site 15.XML	
	D265553_FEA_CRK_ALG_Site 15.XML	
	D265553_FEA_RWY_ALG_MRT.XML	
HIGHWAY PROFILES & SUPERELEVATION, TRAIL PROFILES, STREAM PROFILES	D265553_FEA_RWY_ALG_Site 13.XML	2LC131_RPT_PROFILES.PDF
	D265553_FEA_RWY_ALG_Site 14.XML	
	D265553_FEA_RWY_ALG_Site 15.XML	
	D265553_FEA_RWY_SUPER_Site 14.XLS	
	D265553_FEA_RWY_SUPER_Site 15.XLS	
	D265553_FEA_RWY_ALG_MRT.XML	
	D265553_FEA_RWY_SUPER_MRT.XLS	
SURVEY BASELINES	D265553_FEA_RWY_BSL_Site 13.XML	2LC131_RPT_SURVEY.PDF
	D265553_FEA_RWY_BSL_Site 14.XML	
	D265553_FEA_RWY_BSL_Site 15.XML	
NOTES:		
1. REFER TO D265553_R02_ELECTRONIC FILES FOR PLANS.ZIP FOR DIGITAL DATA FILES		
2. REFER TO SUPPLEMENTAL INFORMATION FOR BIDDERS FOR SUPPORTING INFORMATION.		

TOTAL NUMBER OF SHEETS		95
HIGHWAY INDEX OF 11x17 DRAWINGS		
SHEET NO.	DESCRIPTION	DRAWING NUMBER
1	TITLE SHEET	COV-01
2	INDEX AND ABBREVIATIONS	IND-01
3 & 4	LEGEND SHEETS	LEG-01 TO LEG-02
5	ELECTRONIC FILES IDENTIFIED AS PLANS	ELE-01
6	ALL SITES LOCATION MAPS	LM-01
7	ALL SITES GENERAL NOTES	GN-01
8	ALL SITES EROSION CONTROL NOTES	ECN-01
9 - 12	SITE 14 WORK ZONE TRAFFIC CONTROL	WZTC14-01 - WZTC14-04
13 - 24	SITE 15 WORK ZONE TRAFFIC CONTROL	WZTC15-01 - WZTC15-12
25	SITE 13 BASELINE TIES	BLT13-1
26	SITE 14 BASELINE TIES	BLT14-1
27	SITE 15 BASELINE TIES	BLT15-1
28	SITE 13 MAINTENANCE JURISDICTION PLAN	MJP13-01
29	SITE 14 MAINTENANCE JURISDICTION PLAN	MJP14-01
30	SITE 15 MAINTENANCE JURISDICTION PLAN	MJP15-01
31 - 32	ALL SITES MISCELLANEOUS DETAILS	MSD-01 - MSD-02
33	ALL SITES MISCELLANEOUS TABLES	MT-01
34	ALL SITES EARTHWORK SUMMARY	ESS-01
SITE 13 - C270037		
35	GENERAL PLAN	PL13-01
36 - 39	CULVERT DRAWINGS	CUL13-01 - CUL13-04
SITE 14 - C240033		
40	TYPICAL SECTIONS	TS14-01
41	GENERAL PLAN	PL14-01
42	SIGNING, STRIPING AND RAILING LAYOUT PLAN	PM14-01
43	UTILITY PLAN	UT14-01
44	EROSION CONTROL PLAN	ECP14-01
45 - 51	CULVERT DRAWINGS	CUL14-01 - CUL14-07
52 - 55	RAILING DETAILS	RL14-01 - RL14-04
SITE 15 - C270026		
56	TYPICAL SECTIONS	TS15-01
57	GENERAL PLAN	PL15-01
58	SIGNING, STRIPING, AND RAILING LAYOUT PLAN	PM15-01
59	EROSION CONTROL PLAN	ECP15-01
60 - 67	CULVERT DRAWINGS	CUL15-01 - CUL15-08
SITE 15 - MOHAWK RIVER TRAIL (MRT) (PIN 2650.61)		
68 - 71	TYPICAL SECTIONS	TSMRT-01 - TSMRT-04
72	GENERAL NOTES	GNMRT-01
73 - 74	MISCELLANEOUS TABLES	MTMRT-01 - MTMRT-02
75 - 77	MISCELLANEOUS DETAILS	MDMRT-01 - MDMRT-03
78 - 79	GRADING AND DRAINAGE PLAN	GRMRT-01 - GRMRT-02
80	EROSION AND SEDIMENT CONTROL NOTES	ENMRT-01
81	EROSION AND SEDIMENT CONTROL PLAN	EPMRT-01
82 - 83	GENERAL PLANS	PLMRT-01 - PLMRT-02
84	SIGN TEXT DATA SHEET	STMRT-01
85 - 86	SIGNING AND STRIPING PLANS	PMVMRT-01 - PMVMRT-02
87	WALL PROFILES	WLMRT-01
88 - 93	STRUCTURE DRAWINGS	CLMRT-01 - CLMRT-06
94	LIGHTING PLANS	LDMRT-01
95	LIGHTING DETAILS	LPMRT-01

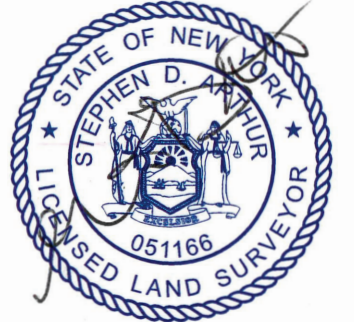
ALIGNMENT			LANDSCAPE			ROADWAY			TRAFFIC WORK ZONE		
STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION			
	AC	CONTROL (CENTERLINE)		LABL	AREA, BRUSH LINE		RCZ_P	CLEAR ZONE		TWZBT_P	BARRIER, TEMPORARY
	AD_P	DETOUR		LAHR	AREA, HEDGE ROW		RG	GUIDE RAIL, MISCELLANEOUS		TWZBTWL_P	BARRIER, TEMPORARY, W/ WARNING LIGHTS
	AT_P	TRANSITION CONTROL		LAPB	AREA, PLANTING BED		RGB	GUIDE RAIL, BOX BEAM		TWZCD_P	CHANNELIZING DEVICE
BRIDGE				LAWA	AREA, WOODED AREA OUTLINE		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN		TWZPMRC_P	PAVEMENT MARKING REMOVAL OR COVERING
	BR	RAIL		LAW	AREA, WATERS EDGE		RGC	GUIDE RAIL, CABLE	UTILITIES		
	BSHT	SHEET PILING		LCUT_P	CUT LIMIT		RGCB	GUIDE RAIL, CONCRETE BARRIER	STYLE	NAME	DESCRIPTION
CONTROL				LFILL_P	FILL LIMIT		RGP_P	GUIDE POST		UC	CONDUIT, UNDERGROUND
	CB	BASELINE		LFNC	FENCE		RGW	GUIDE RAIL, W BEAM		UCH	CONDUIT, HANGING
	CBPR	BASELINE, PROJECTION		LTRC	TREE ROW, CONIFEROUS		RGWM	GUIDE RAIL, W BEAM, MEDIAN		UCO	CONDUIT, OVERHEAD
DRAINAGE				LTRD	TREE ROW, DECIDUOUS		RPB	PARKING BUMPER		UE	ELECTRIC LINE, UNDERGROUND
	DCP	CULVERT PIPE		LWH	WALL, H PILE		RRC	RAIL ROAD, CATENARY		UEH	ELECTRIC LINE, HANGING
	DCP_P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRER	RAIL ROAD, 3RD RAIL		UEO	ELECTRIC LINE, OVERHEAD
	DDG_P	DITCH, GRASS LINED		LWS	WALL, STONE		RRPLS_P	RAIL, PHOTO, LARGE SCALE		UETO	ELECTRIC TRANSMISSION, OVERHEAD
	DDP_P	DITCH, PAVED INVERT	ROW MAPPING				RRPSS	RAIL, PHOTO, SMALL SCALE		UESS	ELECTRIC, SUBSTATIONS
	DDS_P	DITCH, STONE LINED		MDL	DEED LINE		RRS	RUMBLE STRIP		UFO	FIBER OPTIC, UNDERGROUND
	DFL_P	FLOW LINE		ME	EASEMENT, EXISTING		RRSLS_P	RAIL, SURVEY, LARGE SCALE		UFOH	FIBER OPTIC, HANGING
	DSSD	SLOTTED DRAIN		MEP_P	EASEMENT, PERMANENT		RRSSS	RAIL, SURVEY, SMALL SCALE		UFOO	FIBER OPTIC, OVERHEAD
	DUD_P	UNDERDRAIN		MEPA_P	EASEMENT, PERMANENT, APPROX.	SIGNS				UG	GAS, UNDERGROUND
ENVIRONMENTAL				MET_P	EASEMENT, TEMPORARY		SBLB	BILLBOARDS		UGH	GAS, HANGING
	ECT	CURTAIN, TURBIDITY		META_P	EASEMENT, TEMPORARY, APPROX.		SM	MULTIPLE POST		UGO	GAS, OVERHEAD
	EDMC	DAM, COFFER		MF_P	FEE ACQUISITION, W/ ACCESS		SSO	STRUCTURE, OVERHEAD		UIC	INFORM CABLE, UNDERGROUND
	EDMEC_P	DAM, EARTHEN CHECK		MFA_P	FEE ACQUISITION, APPROXIMATE		SSOC	STRUCTURE, OVHD, CANTILEVER		UICH	INFORM CABLE, HANGING
	EDMGSC_P	DAM, GRAVEL BAG/SAND BAG CHECK		MFS_P	FEE ACQUISITION, SHAPE	STRIPING				UO	OIL LINE, UNDERGROUND
	EDMPC_P	DAM, PREFABRICATED CHECK		MFWOA_P	FEE ACQUISITION, W/O ACCESS		STB•	BROKEN LINE		UOH	OIL LINE, HANGING
	EDMSC_P	DAM, STONE CHECK		MHA	HISTORICAL, ACQUISITION		STDB•	DOUBLE BROKEN LINE		UPBP	POLE, BRACE, PUSH BRACE
	EFNS	FENCE, SILT		MHB	HIGHWAY BOUNDARY		STDL•	DOTTED LINE LONG		UPGW	POLE, GUY WIRE
	EFNSV	FENCE, SILT & VEGETATION		MHBW	HWY BOUNDARY, FACE OF WALL		STDS•	DOTTED LINE SHORT		USA	SANITARY SEWER, UNDERGROUND
	EFNV	FENCE, VEGETATION		MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STFB•	FULL BARRIER LINE		USAH	SANITARY SEWER, HANGING
	ESFL	FILTER, SEDIMENT LOG		MJC	JURISDICTION, CITY		STH•	HATCH LINE		USAF	SANITARY SEWER, FORCE MAIN, UGND
	EWAA_P	WETLAND, ADJACENT AREA		MJCY	JURISDICTION, COUNTY		STPB•	PARTIAL BARRIER LINE		USAFH	SANITARY SEWER, FORCE MAIN, HANG
	EFW	WETLAND, FEDERAL		MJHD	JURISDICTION, HISTORIC DISTRICT		STRCT	ROUNDABOUT, CAT TRACKS		UT	TELEPHONE, UNDERGROUND
	EWFS	WETLAND, FEDERAL AND STATE		MJLL	JURIS., (GREAT, MILITARY) LOT LINE		STRL	ROUNDABOUT, YIELD LINE		UTH	TELEPHONE, HANGING
	EWM	WETLAND, MITIGATION AREA		MJN	JURISDICTION, NATION		STSB	STOP BAR		UTO	TELEPHONE, OVERHEAD
	EWS	WETLAND, STATE		MJPB	JURISDICTION, PUBLIC LANDS		STSE•	SOLID, EDGE		UTV	CABLE TV, UNDERGROUND
				MJS	JURISDICTION, STATE		STXL	X WALK, LADDER LINE		UTVH	CABLE TV, HANGING
				MJT	JURISDICTION, TOWN		STXLB	X WALK, LADDER BAR LINE		UTVO	CABLE TV, OVERHEAD
				MJV	JURISDICTION, VILLAGE					UUU	UNKNOWN, UNDERGROUND
				MPL	PROPERTY LOT LINE					UUH	UNKNOWN, HANGING
				MPLA	PROPERTY LOT LINE, APPROXIMATE					UUO	UNKNOWN, OVERHEAD
				MSL	SUB LOT LINE					UW	WATER LINE, UNDERGROUND
										UWH	WATER LINE, HANGING
										UWO	WATER LINE, OVERHEAD

1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.015 in ON B SIZE DRAWINGS).
5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.
6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS		PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270037 C240033 C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553												
CONTRACT 6		S.H. 1355, S.H. 339, S.H. 562						DRAWING NO. LEG-01												
AVA, GEORGETOWN, CITY OF ROME		COUNTY: ONEIDA, MADISON						SHEET NO. 3												
REGION: 2																				
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.																				
								Department of Transportation												

NOTES:

1. THE ELECTRONIC FILES IDENTIFIED AS PLANS FOR THE SUBJECT PROJECT HAVE BEEN COMPLETED IN ACCORDANCE WITH ALL APPLICABLE NYSDOT STANDARDS AND SPECIFICATIONS. THE PROFESSIONAL SEAL(S) LOCATED HEREIN APPLY TO ALL FILES LISTED IN THE "ELECTRONIC FILES IDENTIFIED AS PLANS" TABLE WHERE THE ENGINEER OF RECORD IS LISTED.
2. THE CONTRACTOR SHALL UTILIZE THE INFORMATION IN ELECTRONIC FORM, OR DETERMINE HOW TO BEST MANIPULATE THE MODEL TO PRINT DESIRED INFORMATION. THE CAD INFORMATION IS GEOSPATIALLY LOCATED USING THE APPROPRIATE STATE PLANE COORDINATE SYSTEM. THE ELECTRONIC FILES IDENTIFIED AS PLANS ARE A PART OF THE CONTRACT DOCUMENTS AND ARE AVAILABLE FOR DOWNLOAD WITH THE OTHER CONTRACT DOCUMENT ELEMENTS. THE ELECTRONIC FILES ARE PROVIDED WITH SUFFICIENT DETAIL TO ALLOW THE CONTRACTOR, SUBCONTRACTORS, FABRICATORS AND SUPPLIERS TO QUICKLY, EFFICIENTLY AND ACCURATELY SHARE INFORMATION NECESSARY TO COMPLETE THE WORK.

ELECTRONIC FILES IDENTIFIED AS PLANS					
	FILE NAME	FILE DESCRIPTION	DATE/TIME MODIFIED	AFFIX SEAL:	ALTERED BY:
PROFESSIONAL OF RECORD	D265553_FEA_RWY_ALG_Site 13.XML	SITE 13 - ROADWAY GEOMETRY	6/12/2025 8:51 AM	 LABELLA ASSOCIATES, D.P.C.	
	D265553_FEA_CRK_ALG_Site 13.XML	SITE 13 - STREAM GEOMETRY	6/12/2025 8:52 AM		
	D265553_FEA_RWY_ALG_Site 14.XML	SITE 14 - ROADWAY GEOMETRY	6/12/2025 8:55 AM		
	D265553_FEA_CRK_ALG_Site 14.XML	SITE 14 - STREAM GEOMETRY	6/12/2025 8:56 AM		
	D265553_FEA_RWY_ALG_Site 15.XML	SITE 15 - ROADWAY GEOMETRY	6/12/2025 9:01 AM		
	D265553_FEA_CRK_ALG_Site 15.XML	SITE 15 - STREAM GEOMETRY	6/12/2025 9:02 AM		
	D265553_FEA_RWY_SUPER_SITE 14.XLS	SITE 14 - SUPERELEVATION DATA	7/8/2025 1:01 PM		
	D265553_FEA_RWY_SUPER_SITE 15.XLS	SITE 15 - SUPERELEVATION DATA	7/8/2025 1:01 PM		
PROFESSIONAL OF RECORD	D265553_FEA_RWY_ALG_MRT.XML	MRT - ROADWAY AND TRAIL GEOMETRY	6/26/2025 12:25 PM	 GREENMAN-PEDERSEN, INC. S. ARTHUR 6/24/2025	
	D265553_FEA_RWY_SUPER_MRT.XLS	MRT - SUPERELEVATION DATA	7/8/2025 1:01 PM		
PROFESSIONAL OF RECORD	D265553_FEA_RWY_BSL_Site 13.XML	SITE 13 - SURVEY BASELINE	6/4/2025 1:39 PM	 NYSDOT	
	D265553_FEA_RWY_BSL_Site 14.XML	SITE 14 - SURVEY BASELINE	6/4/2025 10:46 AM		
	D265553_FEA_RWY_BSL_Site 15.XML	SITE 15 - SURVEY BASELINE	6/4/2025 12:00 PM		

NOTE: DATE/TIME MODIFIED IS EASTERN TIME ZONE. BE ADVISED THE ACTUAL FILE TIME STAMPS WILL AUTOMATICALLY ADJUST BY ONE HOUR WHEN TRANSITIONING TO AND FROM DAYLIGHT SAVINGS TIME.

ELECTRONIC FILES IDENTIFIED AS PLANS - REVISIONS SUMMARY			
REVISED FILE NAME	REVISED BY	DATE REVISED	DESCRIPTION OF ALTERATIONS

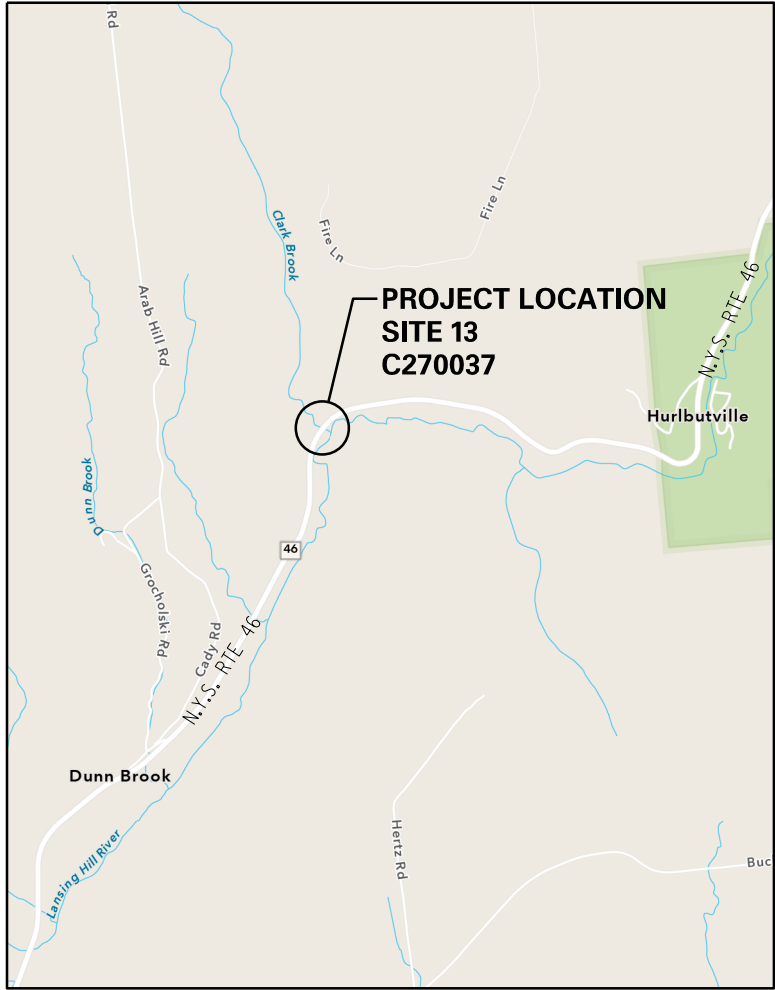
NOTE: DATE/TIME MODIFIED IS EASTERN TIME ZONE. BE ADVISED THE ACTUAL FILE TIME STAMPS WILL AUTOMATICALLY ADJUST BY ONE HOUR WHEN TRANSITIONING TO AND FROM DAYLIGHT SAVINGS TIME.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270037 C240033 C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	CONTRACT 6					D265553	
	S.H. 1355, S.H. 339, S.H. 562					DRAWING NO.	
	AVA, GEORGETOWN, CITY OF ROME					ELE-01	
	COUNTY: ONEIDA, MADISON REGION: 2					SHEET NO.	
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						Department of Transportation	

FILE NAME = 2LC131_cph_locmaps.dgn
DATE = 6/24/2025
TIME = 1:23:04 PM

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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



SITE 13 PROJECT LOCATION

NYS ROUTE 46 OVER CLARK BROOK IS LOCATED IN THE TOWN OF AVA, ONEIDA COUNTY, APPROXIMATELY 7.6 MILES SOUTH OF THE INTERSECTION WITH NYS 294 IN THE VILLAGE OF BOONVILLE.



SITE 14 PROJECT LOCATION

NYS ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER IN THE TOWN OF GEORGETOWN, MADISON COUNTY, APPROXIMATELY 1.5 MILES NORTH OF THE INTERSECTION WITH NYS 80 IN THE HAMLET OF GEORGETOWN.



SITE 15 PROJECT LOCATION

NYS ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER AND THE MOHAWK RIVER TRAIL (MRT) IN THE CITY OF ROME, ONEIDA COUNTY, APPROXIMATELY 3.5 MILES NORTH OF THE INTERSECTION WITH NYS 26.

AFFIX SEAL: ON:		ALTERED BY: ON:							
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:							
		LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS							
		CONTRACT 6							
		S.H. 1355, S.H. 339, S.H. 562							
		AVA, GEORGETOWN, CITY OF ROME							
		COUNTY: ONEIDA, MADISON	REGION: 2	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270037 C240033 C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553	
ALL SITES LOCATION MAPS							DRAWING NO. LM-01		
							SHEET NO. 6		
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GENERAL NOTES:

DESIGN SPECIFICATIONS: NYSDOT LRFD BRIDGE DESIGN SPECIFICATIONS WITH ALL PROVISIONS IN EFFECT AS OF THE LETTING DATE.

CONSTRUCTION SPECIFICATIONS: NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS WITH ALL PROVISIONS IN EFFECT AS OF THE LETTING DATE.

THIS STRUCTURE SHALL BE MAINTAINED IN ACCORDANCE WITH THE GUIDELINES CONTAINED IN THE CURRENT VERSION OF THE AASHTO MAINTENANCE MANUAL FOR ROADWAYS AND BRIDGES.

DESIGN LIVE LOAD: AASHTO HL - 93.

DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONALLY AND ARE FULLY DIMENSIONED.

ALL SHOP DRAWINGS FOR THIS PROJECT SHALL BE PREPARED IN U.S. CUSTOMARY UNITS.

NO KNOWN ASBESTOS CONTAINING MATERIALS ARE BELIEVED TO EXIST AND/OR THE WORK TO BE PERFORMED UNDER THIS CONTRACT DOES NOT REQUIRE THE DISTURBANCE, DESTRUCTION OR REMOVAL OF ANY OF THESE MATERIALS. IT IS THE EXPRESS INTENT OF THIS CONTRACT THAT THESE MATERIALS ARE NOT TO BE DISTURBED IN ANY WAY. SHOULD THE CONTRACTOR DISTURB OR ENCOUNTER ANY SUCH MATERIALS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE ENGINEER BEFORE PROCEEDING.

FOUNDATION NOTES:

EMBANKMENT IN PLACE, ITEM 203.03 AND SELECT GRANULAR FILL, ITEM 203.07 SHALL BE PLACED SIMULTANEOUSLY, ON BOTH SIDES OF THE VERTICAL PAYMENT LINE.

THE COST OF WATER USED FOR COMPACTION OF EMBANKMENT IN PLACE MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.03 - EMBANKMENT IN PLACE.

THE COST OF WATER USED FOR COMPACTION OF THE SELECT GRANULAR FILL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.07 - SELECT GRANULAR FILL.

SUBSTRUCTURE NOTES

THE CONTRACTOR, WITH THE APPROVAL OF THE DCES, MAY ELECT TO INTRODUCE CONSTRUCTION JOINTS IN THE WINGWALLS AT LOCATIONS NOT SHOWN IN THE PLANS. CONSTRUCTION JOINTS SHALL BE PROVIDED WITH SHEAR KEYS AND WATERSTOPS. VERTICAL CONSTRUCTION JOINTS INTRODUCED IN THE WINGWALLS SHOULD PREFERABLY BE PLACED MIDWAY BETWEEN THE PEDESTALS.

THE COST OF ALL JOINT MATERIAL AND WATERSTOPS AT CONCRETE CONSTRUCTION JOINTS, CONTRACTION AND EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS CONCRTETE ITEMS IN THE CONTRACT.

REMOVAL NOTES:

EXISTING CULVERT SIZED STRUCTURES SHALL BE REMOVED WITHIN THE PAY LIMITS SHOWN IN THE PLANS UNDER ITEM 206.01 - STRUCTURE EXCAVATION.

RECONSTRUCTION NOTES:

THE DETAILS SHOWN FOR THE CULVERT BARREL ARE BASED ON THE ASSUMPTION THAT THE WATER IN THE STREAM CHANNEL WILL BE DIVERTED OR CARRIED IN A FLUME DURING THE ENTIRE CONSTRUCTION OF THE BARREL. SHOULD THE CONTRACTOR ELECT TO DIVERT THE WATER THROUGH ONE OF THE CELLS BEFORE COMPLETION OF THE ENTIRE BARREL, THE CONTRACTOR SHALL SUBMIT TO THE DCES FOR APPROVAL, THE CONSTRUCTION PROCEDURES AND SKETCHES SHOWING THE LOCATION OF THE PROPOSED CONSTRUCTION AND CONTRACTION JOINTS AND THE CHANGES IN THE BAR REINFORCEMENT DETAILS.

DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.

THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE STATE, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE OR WHICH ARE TO REMAIN THE PROPERTY OF THE STATE, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.

WHEN ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.

DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT DROP WASTE CONCRETE, DEBRIS, AND OTHER MATERIAL TO THE AREA BELOW THE STRUCTURE EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE STOPPED UNTIL ADEQUATE PROTECTION IS PROVIDED.

ALL MATERIAL FALLING ON THE AREA BELOW AND ADJACENT TO THE STRUCTURE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO COST TO THE STATE.

THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICE BID USING THE APPROPRIATE ITEMS IN THE CONTRACT.

THE EMBEDMENT DEPTH SHOWN IN THE PLANS FOR DRILLING AND GROUTING IS FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR'S ENGINEER SHALL DETERMINE THE DEVELOPMENT LENGTH REQUIRED TO DEVELOP THE FULL STRENGTH OF THE ANCHOR ROD AND/OR REINFORCING BAR. THE CALCULATIONS SHALL BE BASED ON THE SIZE OF THE ROD/BAR, ACTUAL EDGE DISTANCE TO THE ROD/BAR, THE PROXIMITY TO OTHER RODS/BARS, ESTIMATED CONCRETE STRENGTH, AND THE GROUT SUPPLIERS' RECOMMENDATIONS. THE CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS AND DETAILS SEALED BY A REGISTERED NEW YORK STATE PROFESSIONAL ENGINEER TO THE ENGINEER FOR APPROVAL.

AFFIX SEAL: ON:		ALTERED BY: ON:											
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS		PIN 2LC1.31	BRIDGES	CULVERTS C270037 C240033 C270026	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER		
				CONTRACT 6					ALL SITES		D265553		
				S.H. 1355, S.H. 339, S.H. 562					GENERAL NOTES		DRAWING NO.		GN-01
				AVA, GEORGETOWN, CITY OF ROME							SHEET NO.		7
				COUNTY: ONEIDA, MADISON		REGION: 2		IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

THE CONTRACTOR IS ADVISED THAT ALL THEIR WORK SHALL CONFORM TO USACE SECTION 404, NWP NO. 3 (MAINTENANCE), NWP NO. 14 (LINEAR TRANSPORTATION PROJECTS), NWP NO. 33 (TEMPORARY CONSTRUCTION, ACCESS AND DEWATERING), NYSDEC ARTICLE 15 - EXCAVATION AND FILL IN NAVIGABLE WATERS AND STREAM DISTURBANCE PERMIT, NYSDEC ARTICLE 24 - FRESHWATER WETLANDS, AND SECTION 401 WATER QUALITY CERTIFICATION TO ENSURE WATER QUALITY IS MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF ANY APPLICABLE N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION WATER QUALITY CERTIFICATION AND/OR FRESHWATER WETLANDS AND STREAM DISTURBANCE PERMITS INCLUDING BUT NOT LIMITED TO ARMY CORPS OF ENGINEERS REQUIREMENTS AND REGULATIONS.

ALL METHODS AND EQUIPMENT PROPOSED BY THE CONTRACTOR TO ACCOMPLISH THE WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER IN CHARGE.

AT THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE ENGINEER IN CHARGE HIS WRITTEN SCHEDULE AND PROPOSED MEASURES FOR TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK AND SCHEDULE OF OPERATIONS AS REQUIRED BY SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS.

ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT CONTAMINATION OF ANY STREAM OR WATERWAY BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES.

THE TEMPORARY SOIL EROSION AND SEDIMENT CONTROL DEVICES SPECIFIED IN THIS CONTRACT SHALL BE CHECKED AND REPAIRED AS NECESSARY, ON A DAILY BASIS AND AFTER EACH STORM EVENT. PERIODIC CLEANING OF THE SOIL EROSION AND SEDIMENT CONTROL DEVICES WILL BE NECESSARY, A.O.B.E.

ALL STORM DRAINAGE OUTLETS SHALL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINT BECOMES OPERATIONAL.

ANY DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE BED AND BANKS OF ALL WATER AREAS.

ALL CONTROL MEASURES SHALL BE PLACED PRIOR TO STARTING EARTH WORK OPERATIONS AND SHALL REMAIN IN PLACE UNTIL THE NEW SLOPES ARE STABILIZED WITH PERMANENT VEGETATION AND/OR SLOPE PROTECTION MATERIALS, A.O.B.E.

THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES. STORM WATER FROM DISTURBED AREAS MUST PASS THROUGH SILTATION FENCE OR SEDIMENT FILTER LOGS BEFORE DISCHARGE BEYOND DISTURBED AREAS OR INTO INLETS OF OTHER DRAINAGE SYSTEMS.

ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES OR WATER COURSES.

DISTURBANCES SHOULD BE LIMITED WHENEVER AND WHEREVER POSSIBLE, IN BOTH AREA AND IN TIME. EARTH MATERIAL EXPOSED BY ANY CONSTRUCTION ACTIVITY MUST NOT BE LEFT INACTIVE FOR MORE THAN 7 DAYS WITHOUT THE APPLICATION OF TEMPORARY OR PERMANENT EROSION CONTROLS. SLOPES SHOULD BE RAPIDLY BROUGHT TO FINAL GRADE, STABILIZED, AND SEEDED AS SOON AS POSSIBLE.

ALL AREAS OF SOIL DISTURBANCES RESULTING FROM THIS PROJECT SHALL BE SEEDED WITH TYPE A ROADSIDE MIX AND MULCHED WITH STRAW WITHIN ONE WEEK OF FINAL GRADING. UTILIZE A STANDARD NYSDOT ROADSIDE MIX IN ACCORDANCE WITH ITEM 610.1605. IF CONSTRUCTION ACTIVITIES ARE DISCONTINUED IN AREAS OF SOIL DISTURBANCES BEFORE FINAL GRADING IS COMPLETE, TEMPORARY GRADING SHALL ALSO BE SEEDED AND MULCHED A.O.B.E. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE COVER IS ESTABLISHED. PAYMENT FOR TEMPORARY SEEDING AND MULCHING SHALL BE MADE UNDER ITEM 209.1003.

OTHER EROSION CONTROL MEASURES MAY BE REQUIRED A.O.B.E. IN ADDITION TO SCHEMES SHOWN. PAYMENT FOR ADDITIONAL WORK SHALL BE PAID UNDER THE APPROPRIATE ITEM IN THE CONTRACT.

ENCLOSE ANY TEMPORARY STOCKPILES OF TOPSOIL OR FILL, AND SOIL SURCHARGE AREAS WITH BIODEGRADABLE SEDIMENT FILTER LOG, ITEM 209.23010009, TO PREVENT EROSION OF THE PILE. ALL SEDIMENT FILTER LOG SHALL BE INSTALLED ON THE CONTOUR WITH A GRADE OF 2% OR LESS. STOCKPILES SHALL BE STABILIZED WITH MULCH IMMEDIATELY AND THOSE EXPOSED FOR LONGER THAN TWO WEEKS SHALL BE RECEIVE TEMPORARY SEEDING. PAYMENT FOR TEMPORARY SEEDING AND MULCHING SHALL BE MADE UNDER ITEM 209.1003.

THE LOCATIONS OF EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED IN THE CONTRACTOR DOCUMENTS MAY REQUIRE FIELD ADJUSTMENT DEPENDING ON THE SEQUENCE OF CONSTRUCTION ACTIVITIES, CONSTRUCTION METHODS, AND/OR ACTUAL FIELD CONDITIONS. THE ENGINEER SHALL BE NOTIFIED OF ANY SIGNIFICANT FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED IN THE CONTRACT DOCUMENTS.

TYPICALLY THE SEDIMENT FILTER LOG SHALL BE INSTALLED ALONG EXISTING/PROPOSED CONTOUR LINES.

THE CONTRACTOR SHALL COMPLY WITH THE NYSDOT STANDARD SHEET, DETAIL WITHIN THE CONTRACT DOCUMENTS, AND MANUFACTURER INSTALLATION GUIDE WHEN INSTALLING EROSION, AND SEDIMENT CONTROL MEASURES OR A.O.B.E.

STREAM PROTECTION NOTES:

DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, CONSTRUCTION MATERIALS OR OTHER FOREIGN MATERIALS, OR FROM THE OPERATION OF EQUIPMENT IN OR NEAR SUCH STREAMS. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THE STREAM TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM A STREAM, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM.

STREAM RESTRICTIONS:

SITE 13 - C270037: OCT 1 - MAY 15
SITE 14 - C240033: OCT 1 - MAY 15
SITE 15 - C270026: OCT 1 - MAY 15

WATERWAY DIVERSION NOTES:

THE INTENT OF A WATERWAY DIVERSION STRUCTURE IS TO TEMPORARY DIVERT OR PUMP WATER AROUND AN AREA (STREAM WORK AREA) SO THAT EXCAVATION OR OTHER WORK CAN BE ACCOMPLISHED. ITS PURPOSE IS TO PROVIDE WATER QUALITY PROTECTION. IT IS NOT INTENDED TO BE A SUBSTITUTION FOR OR EQUAL TO A COFFERDAM. TURBIDITY/WATER QUALITY DOWN STREAM OF THE WORK AREA SHALL MATCH THE TURBIDITY/WATER QUALITY UPSTREAM OF THE WORK SITE.

STREAM FLOWS TO BE MAINTAINED THROUGHOUT CONSTRUCTION. THIS MAY BE ACCOMPLISHED BY DIVERTING FLOW AROUND THE STREAM WORK AREAS (E.G. USING TEMPORARY PIPES), DIVERTING WATER THROUGH THE STREAM WORK AREAS (E.G. USING TEMPORARY PIPES), OR BY PUMPING FLOW AROUND OR THROUGH THE STREAM WORK AREAS. MATERIALS USED FOR THE DIVERSION SHALL CONFORM TO SECTION 553-2 OF THE NYS STANDARD SPECIFICATIONS. PAYMENT FOR THE TEMPORARY WATERWAY DIVERSION STRUCTURE SHALL BE MADE UNDER THE UNIT PRICE BID FOR ITEM 553.03000x.

DIVERTED STREAM FLOW SHALL NOT BE DIRECTED TO OR THROUGH UNSTABILIZED AREAS.

ONLY ONE PAYMENT SHALL BE MADE FOR THE TEMPORARY WATERWAY DIVERSION STRUCTURE. EVEN IF THE CONTRACTOR ELECTS TO INSTALL MULTIPLE DIVERSION STRUCTURE AT THE SITE. THE COST OF ADJUSTING, MOVING OR EXTENDING THE TEMPORARY WATERWAY DIVERSION STRUCTURE DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 553.03000x. ALL WORK ASSOCIATED WITH THE INSTALLATION AND REMOVAL OF THE TEMPORARY WATERWAY DIVERSION STRUCTURE SHALL BE INCLUDED IN ITEM 553.03000x.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING THE SIZE LOCATION, MATERIALS AND SUITABILITY OF THE WATERWAY DIVERSION STRUCTURE(S) FOR THE INTENDED WORK OPERATION AND FOR MAINTAINING CONTINUOUS FLOW THROUGH OR AROUND THE STREAM WORK AREAS.

AT LEAST 35 CALENDAR DAYS PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT THREE COPIES OF THE TEMPORARY WATERWAY DIVERSION STRUCTURE PLAN FOR EACH WORK LOCATION TO THE ENGINEER AND CEC FOR REVIEW AND ACCEPTANCE. DIVERSION WORK PLANNED BETWEEN OCTOBER 1ST AND APRIL 30TH SHALL BE SUBJECT TO AN ADDITIONAL APPROVAL BY NYSDEC. NYSDOT STAFF SHOULD COORDINATE WITH NYSDEC ON STREAM DATE MODIFICATION REQUESTS FROM THE CONTRACTOR.

IF THE CONTRACTOR PROPOSES A WATER DIVERSION METHOD WHICH INVOLVES THE PUMPING OF STREAM WATER, ALL WATER INTAKE HOSES SHALL BE SCREENED TO PROTECT AQUATIC LIFE. THE SCREEN OPENING SIZE SHALL BE NO LARGER THAN 1/4 INCH (6mm) SQUARE.

THE CONTRACTOR MAY NEED TO INSTALL MATERIALS DOWNSTREAM OF THE STREAM WORK AREA TO PREVENT DIVERTED STREAM WATER FROM BACK FLOWING INTO THE WORK AREA. THE CONTRACTOR MAY ALSO NEED TO INSTALL MATERIALS TO PREVENT GROUNDWATER STORMWATER OR PRECIPITATION THAT ENTERS THE STREAM WORK AREA FROM EXITING THE WORK AREA IN A TURBID CONDITION. MATERIALS NECESSARY TO ACCOMPLISH THIS SHALL BE PAID FOR UNDER THE WATER DIVERSION STRUCTURE ITEM, OR ITEM 602.90100607.

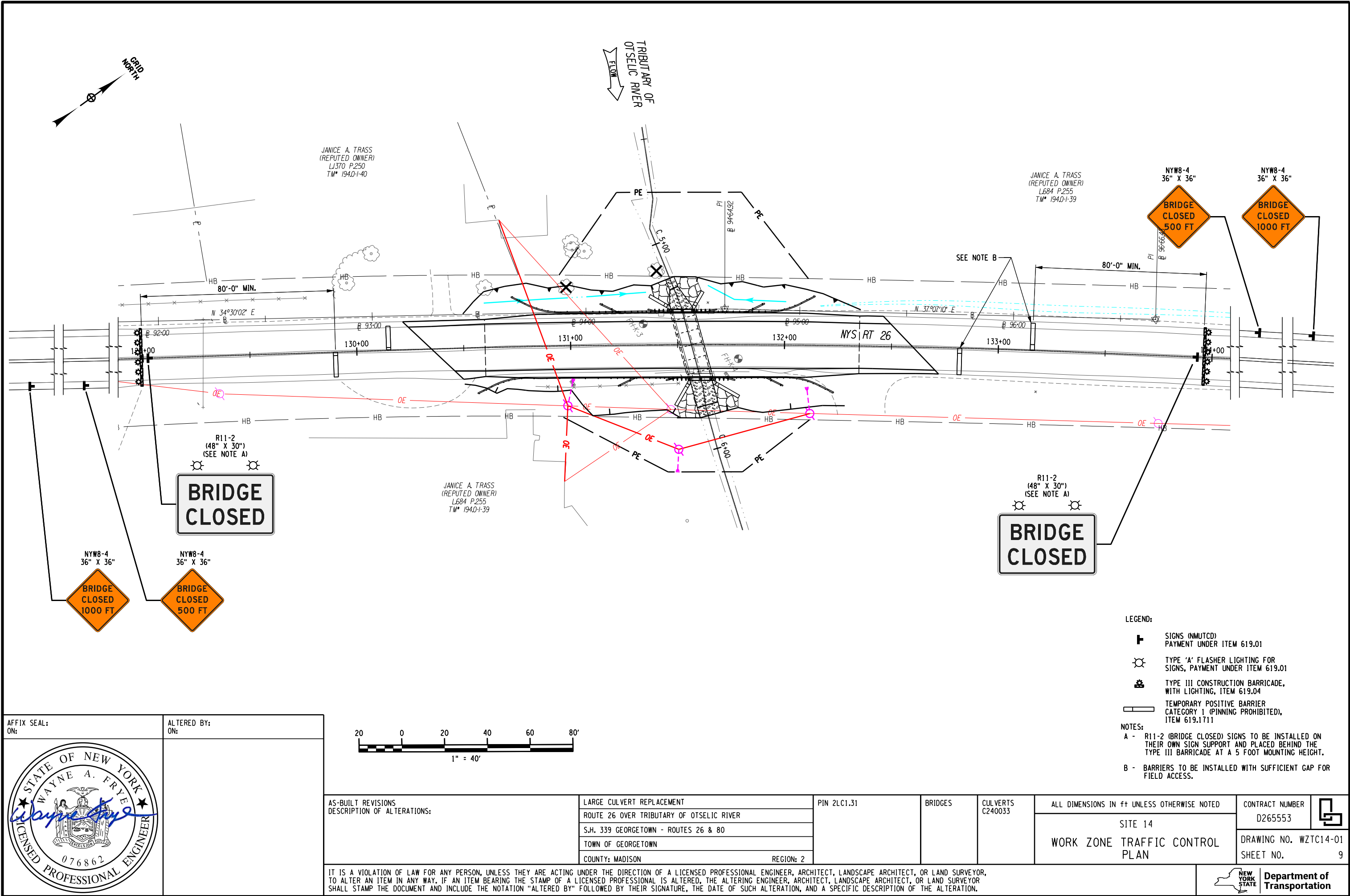
ITEMS:
SITE 13 - C270037 - NO WATER DIVERSION STRUCTURE, SEE ITEM 602.90100607
SITE 14 - C240033 - ITEM 553.030001
SITE 15 - C270026 - ITEM 553.030002

AFFIX SEAL: ON:		ALTERED BY: ON:			
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:			
		LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS			
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		S.H. 1355, S.H. 339, S.H. 562			
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		ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265553	
		ALL SITES EROSION CONTROL NOTES		DRAWING NO. SHEET NO.	

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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

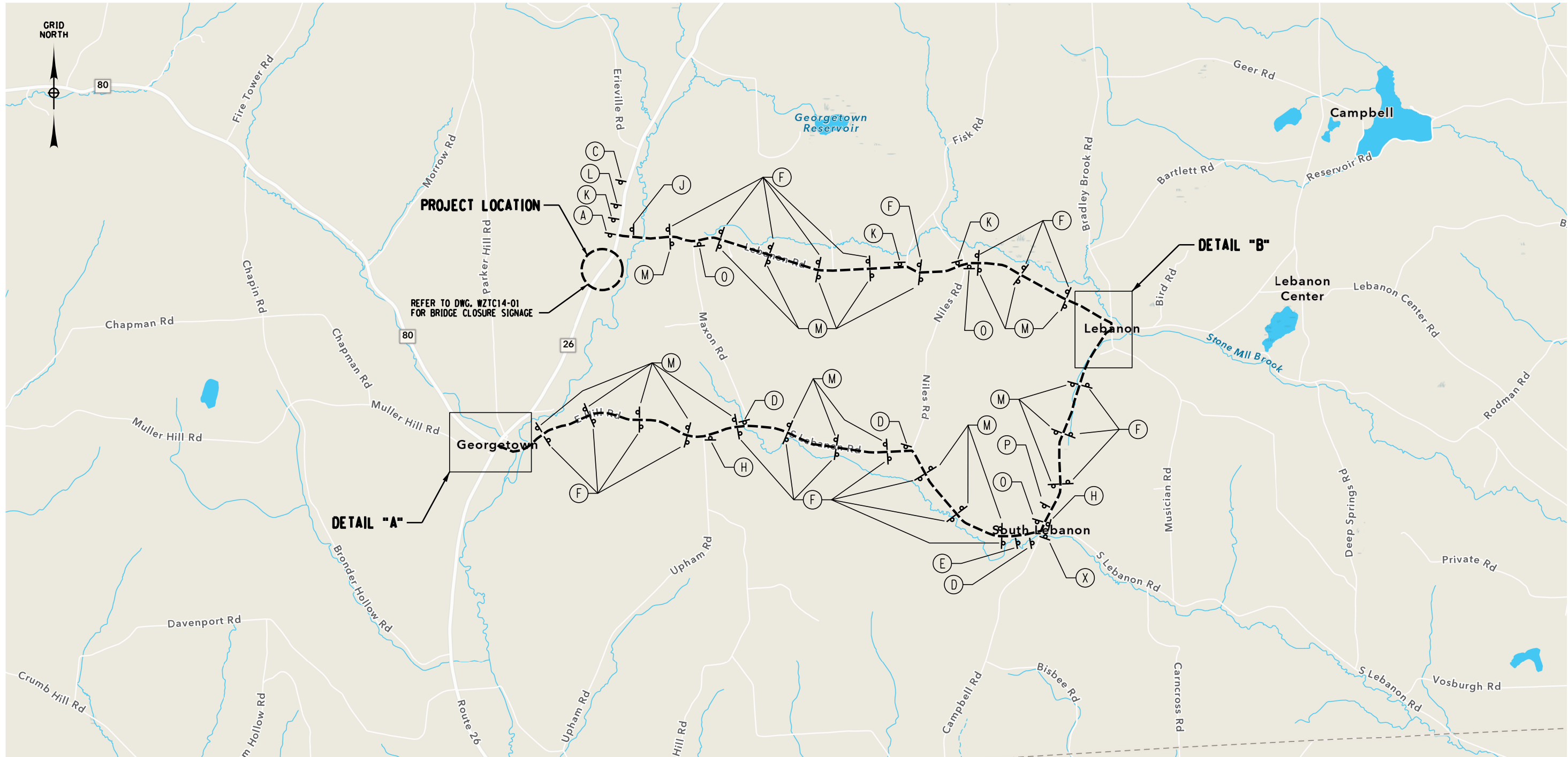


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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



NOTES:

- SEE DWG. WZTC14-04 FOR DETOUR SIGN FACE LAYOUTS.
- FOR ADDITIONAL INFORMATION, REFER TO NYSOT STANDARD SHEET 619-503.
- COVER ANY CONFLICTING SIGNS, PAYMENT UNDER ITEM 619.01.
- PVMS BOARDS SHALL BE PLACED ON RTE 26 IN ADVANCE OF ANY WORK ZONE SIGNAGE SHOWN ON THIS PLAN. PAYMENT TO BE INCLUDED IN ITEM 619.110513.

LEGEND:

- Signs (NMTCD) PAYMENT UNDER ITEM 619.01
- TYPE III CONSTRUCTION BARRICADE, WITH LIGHTING, ITEM 619.04
- DETOUR ROUTE

CONFIRMATION SIGNS (F) (M) SHALL BE REPEATED AT A MAXIMUM DISTANCE OF EVERY HALF MILE, IN ACCORDANCE WITH NYSOT STANDARD SHEET 619-503. SIGNS ON THIS PLAN WHICH IS NOT TO SCALE, ARE FOR ILLUSTRATION PURPOSES ONLY.

AFFIX SEAL:
ON:

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER
S.H. 339 GEORGETOWN - ROUTES 26 & 80
TOWN OF GEORGETOWN
COUNTY: MADISON REGION: 2

PIN 2LC1.31

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
SITE 14
WORK ZONE TRAFFIC CONTROL
DETOUR PLAN

CONTRACT NUMBER
D265553

DRAWING NO. WZTC14-02
SHEET NO. 10

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

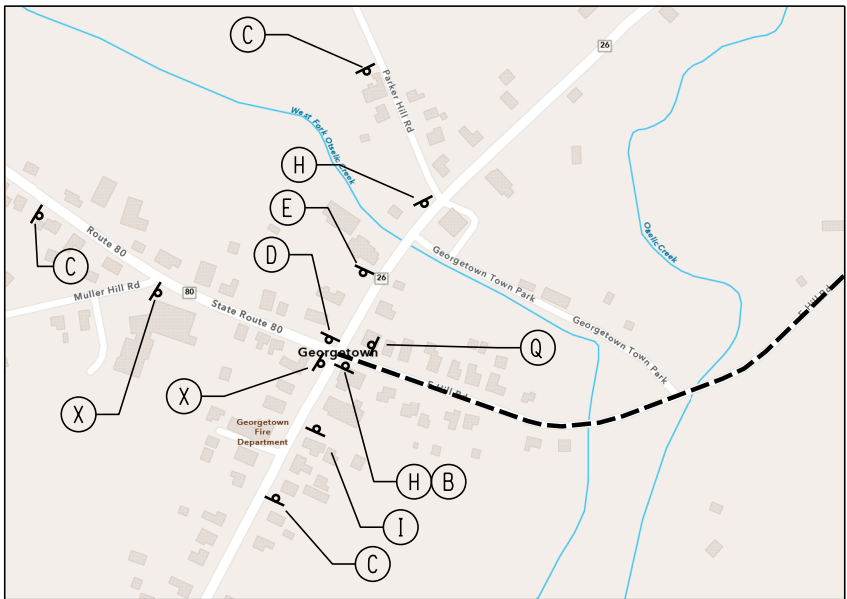
NEW YORK STATE
Department of
Transportation

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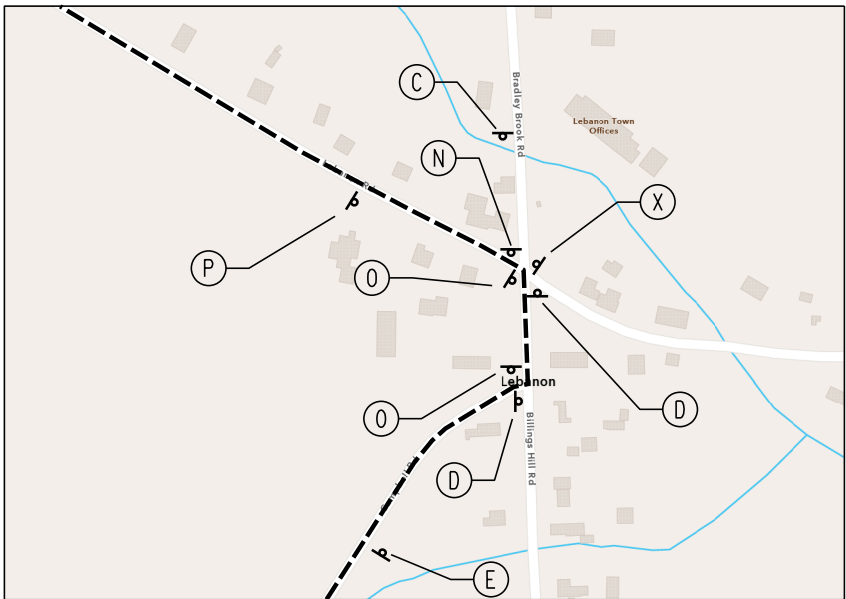
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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



DETAIL "A"
NOT TO SCALE



DETAIL "B"
NOT TO SCALE

- NOTES:
1. SEE DWG. WZTC14-04 FOR DETOUR SIGN FACE LAYOUTS.
 2. FOR ADDITIONAL INFORMATION, REFER TO NYSDOT STANDARD SHEET 619-503.
 3. COVER ANY CONFLICTING SIGNS, PAYMENT UNDER ITEM 619.01.

CONFIRMATION SIGNS (E) (M) SHALL BE REPEATED AT A MAXIMUM DISTANCE OF EVERY HALF MILE, IN ACCORDANCE WITH NYSDOT STANDARD SHEET 619-503. SIGNS ON THIS PLAN WHICH IS NOT TO SCALE, ARE FOR ILLUSTRATION PURPOSES ONLY.

- LEGEND:
- SIGNS (NMUTCD) PAYMENT UNDER ITEM 619.01
 - TYPE III CONSTRUCTION BARRICADE, WITH LIGHTING, ITEM 619.04
 - DETOUR ROUTE

AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31	BRIDGES	CULVERTS C240033	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER					D265553	
	S.H. 339 GEORGETOWN - ROUTES 26 & 80						
	TOWN OF GEORGETOWN					DRAWING NO. WZTC14-03	
	COUNTY: MADISON				REGION: 2		
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							

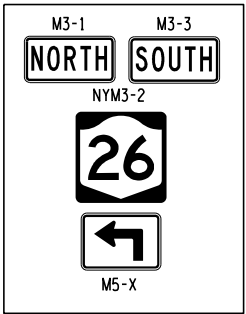
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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

NOTES:

- SEE DWGS. WZTC14-02 TO WZTC14-03 FOR DETOUR SIGN LOCATIONS.
- FOR ADDITIONAL INFORMATION, REFER TO NYSDOT STANDARD SHEET 619-503.
- COVER ANY CONFLICTING SIGNS, PAYMENT UNDER ITEM 619.01.
- R11-3b SIGNS SHALL BE INSTALLED ON THEIR OWN SIGN STANDS AT 5' MOUNTING HEIGHT, AND PLACED BEHIND THE TYPE III BARRICADE, (SIGN CAN BE LOCATED AT EDGE OF TRAVELED WAY).



ALL NYM3-2, M3-X, M5-X, AND M6-X ARROW
SIGNS AND CARDINAL DIRECTION SIGNS
SHALL BE WHITE AND BLACK (TYP.)

AFFIX SEAL:
ON:

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER
S.H. 339 GEORGETOWN - ROUTES 26 & 80
TOWN OF GEORGETOWN
COUNTY: MADISON REGION: 2

PIN 2LC1.31

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
SITE 14
WORK ZONE TRAFFIC CONTROL
DETOUR PLAN

CONTRACT NUMBER
D265553

DRAWING NO. WZTC14-04
SHEET NO. 12

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Department of
Transportation

DETOUR SIGN TABLE

A BRIDGE CLOSED 1/4 MILE AHEAD LOCAL TRAFFIC ONLY R11-3b (60"x30") ← DETOUR M4-10L (48"x18") (SEE NOTE 4)	D DETOUR NORTH 26 ← M4-8 (24"x12") M3-1 (24"x12") NYM3-2 (30"x24") M6-1L (21"x15")	H DETOUR NORTH 26 → M4-8 (24"x12") M3-1 (24"x12") NYM3-2 (30"x24") M6-1R (21"x15")	K DETOUR SOUTH 26 ← M4-8 (24"x12") M3-3 (24"x12") NYM3-2 (30"x24") M6-1L (21"x15")	O DETOUR SOUTH 26 → M4-8 (24"x12") M3-3 (24"x12") NYM3-2 (30"x24") M6-1R (21"x15")
B BRIDGE CLOSED 1 1/2 MILES AHEAD LOCAL TRAFFIC ONLY R11-3b (60"x30") → DETOUR M4-10R (48"x18") (SEE NOTE 4)	E DETOUR NORTH 26 ↙ M4-8 (24"x12") M3-1 (24"x12") NYM3-2 (30"x24") M5-1L (21"x15")	I DETOUR NORTH 26 ↗ M4-8 (24"x12") M3-1 (24"x12") NYM3-2 (30"x24") M5-1R (21"x15")	L DETOUR SOUTH 26 ↙ M4-8 (24"x12") M3-3 (24"x12") NYM3-2 (30"x24") M5-1L (21"x15")	P DETOUR SOUTH 26 ↗ M4-8 (24"x12") M3-3 (24"x12") NYM3-2 (30"x24") M5-1R (21"x15")
C DETOUR 1500 FT W20-2 (36"x36")	F DETOUR NORTH 26 ↑ M4-8 (24"x12") M3-1 (24"x12") NYM3-2 (30"x24") M6-3 (21"x15")	J END DETOUR NORTH 26 ↑ M4-8a (24"x18") M3-1 (24"x12")	M DETOUR SOUTH 26 ↑ M4-8 (24"x12") M3-3 (24"x12") NYM3-2 (30"x24") M6-3 (21"x15")	Q END DETOUR SOUTH 26 ↑ M4-8a (24"x18") M3-3 (24"x12") NYM3-2 (30"x24")
	X DETOUR NORTH 26 ↑ M4-8 (24"x12") M3-1 (24"x12") NYM3-1 (30"x24") M6-3 (21"x15")		N DETOUR SOUTH 26 ↑ M4-8 (24"x12") M3-3 (24"x12") NYM3-2 (30"x24") M6-3 (21"x15")	

GENERAL NOTES:

- 1. WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE CURRENT VERSION OF SECTION 619 OF THE STANDARD SPECIFICATIONS, THE CURRENT WORK ZONE TRAFFIC CONTROL (619 SERIES) STANDARD SHEETS, ANY PROVISIONS CONTAINED IN THE PLANS AND/OR PROPOSAL OF THIS CONTRACT, AND AS DIRECTED BY THE ENGINEER.
- 2. WORK ZONE TRAFFIC CONTROL FOR MOBILE OPERATIONS SHALL BE PROVIDED IN ACCORDANCE WITH NYSDOT STANDARD SHEETS 619-110 THRU 619-200.
- 3. AS DEFINED IN SECTION 101-02 OF THE STANDARD SPECIFICATIONS, THE MUTCD CONSISTS OF THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE NEW YORK STATE SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.

CHANGES TO THE WORK ZONE TRAFFIC CONTROL PLAN:

- 4. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE WORK ZONE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE ENGINEER OR THEIR DESIGNEE A MINIMUM OF SEVEN (7) CALENDAR DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE BASIC CONCEPT OR SCOPE OF THE WORK ZONE TRAFFIC CONTROL PLAN. SUCH CHANGES TO THE BASIC CONCEPT OR SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE ENGINEER OR THEIR DESIGNEE A MINIMUM OF FORTY-FIVE (45) CALENDAR DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.

CONSTRUCTION EQUIPMENT AND VEHICLES:

- 5. ALL VEHICLES AND EQUIPMENT WITHIN THE CONTRACT LIMITS AND ON TRAVEL LANES AND/OR SHOULDERS SHALL BE EQUIPPED WITH AND SHALL OPERATE A MINIMUM OF ONE AMBER ROTATING OR FLASHING LIGHT EMITTING DIODE (LED) BEACON VISIBLE FROM ALL DIRECTIONS FOR A MINIMUM OF 1000 FEET DURING DAYLIGHT. IF VISIBILITY OF A SINGLE BEACON IS BLOCKED BY A PORTION OF THE VEHICLE OR EQUIPMENT, ADDITIONAL BEACONS SHALL BE PROVIDED. BEACONS SHALL BE MOUNTED IN A MANNER WHICH DOES NOT CAUSE GLARE FOR DRIVERS USING THE ROADWAY OR THE OPERATOR OF THE VEHICLE OR EQUIPMENT.
- 6. ALL BARRIER/SHADOW VEHICLES SHALL WEIGH A MINIMUM OF 18,000 LB AND SHALL BE EQUIPPED WITH TRUCK-MOUNTED IMPACT ATTENUATORS AND TRUCK-MOUNTED ARROW PANELS. IMPACT ATTENUATORS SHALL MEET THE REQUIREMENTS OF NCHRP 350 TEST LEVEL 3 AND SECTION 729-12 OF THE STANDARD SPECIFICATIONS. ARROW PANELS SHALL BE TRUCK-MOUNTED SERIES B OR C PANELS MEETING THE REQUIREMENTS OF SECTION 729-15 OF THE STANDARD SPECIFICATIONS AND SECTION 6F.61 OF THE MUTCD. THE PRICE OF TRUCK-MOUNTED IMPACT ATTENUATORS AND TRUCK-MOUNTED ARROW PANELS SHALL BE INCLUDED IN THE PRICE BID FOR THE BASIC WORK ZONE TRAFFIC CONTROL ITEM.

PARKING OF CONSTRUCTION EQUIPMENT & VEHICLES AND STORAGE OF MATERIALS:

- 7. CONSTRUCTION EQUIPMENT (INCLUDING LIGHT TOWERS, IF USED), VEHICLES AND MATERIALS SHALL BE PLACED OR STORED DURING NON-WORKING HOURS A MINIMUM OF 30 FEET FROM THE EDGE OF PAVEMENT OR BEHIND TEMPORARY CONCRETE BARRIER OR GUIDE RAIL. EQUIPMENT, VEHICLES AND MATERIALS STORED BEHIND TEMPORARY CONCRETE BARRIER OR GUIDE RAIL SHALL NOT BE PLACED OR STORED WITHIN THE APPROPRIATE DEFLECTION DISTANCE SHOWN IN TABLE 619-6, GUIDE RAIL AND TEMPORARY CONCRETE BARRIER STANDARD DEFLECTION DISTANCES, IN THE STANDARD SPECIFICATIONS.
- 8. PRIVATE VEHICLES OWNED BY THE CONTRACTOR OR THE CONTRACTOR'S WORKERS SHALL BE PARKED, DURING WORKING AND NON-WORKING HOURS, IN ACCORDANCE WITH THE REQUIREMENTS IN THE PRECEDING PARAGRAPH.
- 9. CONTRACTOR SHALL NOT UTILIZE THE FISH HATCHERY PARKING AREA. PARKING AREA SHALL REMAIN FULLY OPEN AND ACCESSIBLE TO PUBLIC FOR DURATION OF PROJECT UNLESS COORDINATED WITH NYSDEC AND FHWA.

CHANNELIZING DEVICES:

- 10. RECOMMENDED PRACTICES FOR CHANNELIZING DEVICES ARE PROVIDED IN THE MUTCD AND SECTION 619-3.02 J OF THE STANDARD SPECIFICATIONS.
- 11. TALL CONES, MEETING THE REQUIREMENTS OF SECTION 729-02 OF THE STANDARD SPECIFICATIONS, ARE NORMALLY ADEQUATE FOR WORK ZONES SET UP AND REMOVED ON A DAILY BASIS DURING DAYLIGHT HOURS. DRUMS OR OVERSIZED VERTICAL PANELS ARE PREFERRED FOR ALL OTHER WORK ZONES AND AT ANY LOCATIONS WHERE THE RISK OF INTRUSION IS HIGH, AS DETERMINED BY THE ENGINEER.
- 12. THE CONTRACTOR SHALL MAKE FREQUENT CHECKS COMMENSURATE WITH TRAFFIC CONDITIONS TO IDENTIFY AND RESET CHANNELIZING DEVICES DISLOGBED BY TRAFFIC.

CONDITION OF TRAFFIC CONTROL DEVICES:

- 13. AT THE START OF CONTRACT WORK, ALL CONES, TEMPORARY TUBULAR MARKERS, DRUMS, CONSTRUCTION BARRICADES, VERTICAL PANELS, WARNING LIGHTS, ARROW PANELS, PORTABLE VARIABLE MESSAGE SIGNS, PAVEMENT MARKING TAPE AND RAISED PAVEMENT MARKERS SHALL APPEAR IN "ACCEPTABLE" CONDITION AS DESCRIBED AND PICTURED IN THE CURRENT EDITION OF THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) MANUAL QUALITY GUIDELINES FOR TEMPORARY TRAFFIC CONTROL DEVICES. THESE DEVICES SHALL NOT BE ALLOWED TO FALL BELOW THE "MARGINAL" CONDITION AT ANY TIME DURING THE LIFE OF THE CONTRACT.
- 14. ALL SIGNS SHALL BE IN "ACCEPTABLE" CONDITION AS DESCRIBED IN THE ATSSA MANUAL QUALITY GUIDELINES FOR TEMPORARY TRAFFIC CONTROL DEVICES THROUGHOUT THE LIFE OF THE CONTRACT. NON-STANDARD SIGN LEGENDS ARE NOT ACCEPTABLE.
- 15. RIGID SIGN PANELS SHALL HAVE A MINIMUM MOUNTING HEIGHT OF 7 FEET, MEASURED FROM THE ROADWAY SURFACE TO THE BOTTOM OF THE LOWEST SIGN PANEL. FOR SIGNS INCORPORATING AN AUXILIARY PANEL BELOW THE PRIMARY PANEL, THE MINIMUM MOUNTING HEIGHT SHALL BE 6 FEET. FLEXIBLE PANEL AND LIGHTWEIGHT RIGID PANELS SHALL BE MOUNTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

CONDITION OF TRAFFIC CONTROL DEVICES:

- 16. AS DESCRIBED BELOW, THE TIME RESTRICTIONS CAN BE ADJUSTED BY THE ENGINEER AS TRAFFIC CONDITIONS WARRANT.
- 17. THE ENGINEER IS AUTHORIZED TO ORDER ADDITIONAL TIME RESTRICTIONS ON ALL ROADS OF UP TO ONE HOUR PER WORK DAY IF TRAFFIC CONDITIONS WARRANT. THERE SHALL BE NO COST TO THE STATE FOR SUCH ADDED RESTRICTIONS. THE CONTRACTOR SHALL NOT HAVE ANY DELAY CLAIMS AGAINST THE STATE IF THE ENGINEER ORDERS UP TO ONE HOUR OF ADDITIONAL TIME RESTRICTIONS PER DAY.
- 18. THE ENGINEER IS AUTHORIZED TO REDUCE TIME RESTRICTIONS AS TRAFFIC CONDITIONS WARRANT.
- 19. THE HOLIDAY RESTRICTIONS ARE DETAIL IN THE "SPECIAL NOTE - TEMPORARY LANE CLOSURE. THE CONTRACTOR WILL NOT BE ALLOWED TO IMPLEMENT ANY TEMPORARY LANE, RAMP OR SHOULDER CLOSURES OR OTHERWISE DISRUPT TRAFFIC IN ANY WAY DURING THE HOLIDAYS STATED IN "SPECIAL NOTE - TEMPORARY LANE CLOSURE RESTRICTIONS FOR MAJOR HOLIDAYS (2025-2026)".

FLAGGER EQUIPMENT AND STATIONS:

- 20. TO INSURE A PROPER LEVEL OF TRAFFIC SAFETY, EACH FLAGGER SHALL BE EQUIPPED WITH A TWO-WAY RADIO DEVICE. THE COST SHALL BE INCLUDED IN THE BASIC WORK ZONE TRAFFIC CONTROL ITEM 619.01.
- 21. ALL FLAGGER STATIONS SHALL BE ENHANCED WITH ADDITIONAL CONES AND A FLAG TREE AS SHOWN ON THE WORK ZONE TRAFFIC CONTROL (619 SERIES) STANDARD SHEETS AND AS DIRECTED BY THE ENGINEER. THE FLAG TREE SHALL MEET THE REQUIREMENTS OF SECTION 6F.62 OF THE MUTCD EXCEPT THAT A MINIMUM OF THREE (3) FLAGS ARE REQUIRED. THIS SETUP SHALL BE USED FOR ALL FLAGGER STATIONS EXCEPT THOSE THAT ARE CONSTANTLY MOVING. ALL COSTS ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED UNDER THE BASIC WORK ZONE TRAFFIC CONTROL ITEM 619.01.
- 22. FLAGGER SIGNS ARE TO BE USED ONLY WHEN A FLAGGER IS ACTUALLY PRESENT AND VISIBLE TO THE MOTORIST. FLAGGER SIGNS SHALL BE COVERED OR REMOVED AT ALL OTHER TIMES.
- 23. THE COST OF UTILIZING APPROVED REGULATORY OR ADVISORY SPEED ZONE SIGNS, AND COVERING EXISTING SIGNS, SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL, ITEM 619.01.
- 24. IN ACCORDANCE WITH SECTION 619-3.02 J 6 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL USE DRUMS, TALL CONES, EXTRA TALL CONES, TEMPORARY TUBULAR MARKERS, VERTICAL PANELS, OVERSIZED VERTICAL PANELS, TYPE II CONSTRUCTION BARRICADES AND/OR TYPE III CONSTRUCTION BARRICADES TO DELINEATE THE EDGE OF SHOULDER IN LOCATIONS WHERE GUIDE RAIL IS REMOVED. THE CENTER-TO-CENTER SPACING BETWEEN CHANNELIZING DEVICES SHALL NOT EXCEED 80 FEET WHERE THE SHOULDER WIDTH IS 4 FEET OR GREATER, AND SHALL NOT EXCEED 40 FEET WHERE THE SHOULDER WIDTH IS LESS THAN 4 FEET. A MINIMUM OF THREE (3) DEVICES SHALL BE PROVIDED FOR EACH INDIVIDUAL RUN OF GUIDE RAIL THAT IS REMOVED.

TEMPORARY TRAFFIC SIGNALS:

- 25. THE CONTRACTOR SHALL COORDINATE ALL UTILITY INVOLVEMENT AND/OR CONFLICTS WITH THE APPROPRIATE UTILITY COMPANIES.
- 26. THE CONTRACTOR SHALL STAKE OUT AND VERIFY ALL COMPONENTS OF THE TEMPORARY TRAFFIC SIGNAL SYSTEM PRIOR TO INSTALLATION. THE ENGINEER SHALL APPROVE THE FINAL PLACEMENT.
- 27. NO CHANGES IN THE DESIGNED TEMPORARY SIGNAL OPERATION OR TIMING PLAN SHALL BE PERMITTED WITHOUT APPROVAL OF THE PROJECT ENGINEER. A REST-IN-RED CONDITION SHALL BE REQUESTED FOR ALL SIGNAL PHASES.
- 28. PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE TEMPORARY TRAFFIC SIGNAL SYSTEM, AN ON-SITE, PRE-CONSTRUCTION MEETING SHALL TAKE PLACE. ATTENDEES SHALL INCLUDE THE ENGINEER, PRIME CONTRACTOR, APPROPRIATE SUB CONTRACTORS AND APPROPRIATE UTILITY COMPANIES.

TEMPORARY TRAFFIC SIGNALS (CONT):

- 29. PRIOR TO SIGNAL ACTIVATION, A FUNCTIONAL TEST OF THE TRAFFIC SIGNAL CONTROL EQUIPMENT SHALL BE PERFORMED TO DEMONSTRATE THAT EVERY PART OF THE SIGNAL SYSTEM OPERATES SATISFACTORILY. THE FUNCTIONAL TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND THE TRAFFIC SIGNAL CREW ENGINEER IN CHARGE. TIMING AND CLEARANCE INTERVALS WILL BE DETERMINED AT THE MEETING.
- 30. SEE CURRENT NYSDOT STANDARD SHEET 619-524 FOR ADDITIONAL TEMPORARY TRAFFIC SIGNAL NOTES.

PROJECT SPECIFIC NOTES:

- 31. THE MINIMUM WIDTH OF TRAVEL LANES SHALL BE 12 FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 32. A TOTAL OF 2 VARIABLE MESSAGE SIGNS SHALL BE PROVIDED AND UTILIZED FOR THE PROJECT. AT A MINIMUM, THEY SHALL BE INSTALLED 1 WEEK IN ADVANCE OF ANY ROAD WORK AND DURING THE FIRST 1 WEEK OF CONSTRUCTION OR A.O.B.E. ADDITIONALLY, VARIABLE MESSAGE SIGNS ARE TO BE INSTALLED 1 WEEK PRIOR TO AND DURING THE CLOSURES OF NY ROUTE 46. THE COST OF THE SIGNS ARE TO BE PAID FOR UNDER ITEM 619.110513-PORTABLE VARIABLE MESSAGE SIGN (PVMS) STANDARD SIZE - FULL MATRIX (LED) NO OPTIONAL EQUIPMENT SPEC, CELLULAR COM REQ.
- 33. THE CONTRACTOR IS ADVISED THAT THROUGHOUT THE DURATION OF THE PROJECT, NIGHTTIME CONSTRUCTION WILL NOT BE PERMITTED.

SEQUENCE OF CONSTRUCTION:

- 34. THE SEQUENCE OF CONSTRUCTION PROVIDED IS MEANT TO SERVE AS A GENERAL ORDER OF CONSTRUCTION OPERATIONS, AND IS SUBJECT TO REVISION. THE CONTRACTOR SHALL PROVIDE A DETAILED SCHEDULE, AS WELL AS ANY PROPOSED REVISIONS TO THE SEQUENCE TO THE ENGINEER-IN-CHARGE NO LESS THAN TWO (2) WEEKS IN ADVANCE OF THE BEGINNING OF THE WORK. NOTICE SHALL BE GIVEN TO ALL RESIDENTS OF FISH HATCHERY ROAD & CITY OF ROME NO LESS THAN TWO (2) WEEKS IN ADVANCE OF THE ROAD BEING CLOSED AND THE DETOUR BEING PUT IN PLACE.
- 35. THE RECOMMENDED SEQUENCE OF CONSTRUCTION IS AS FOLLOWS:

PHASE 1 WORK ZONE:

- INSTALL ALL DETOUR SIGNAGE AS SHOWN IN THE DETOUR PLAN ON DWG WZTC15-02 AND WZTC15-03. SIGNAGE SHALL CONFORM WITH ALL APPLICABLE NYSDOT AND MUTCD STANDARDS
- CLOSE FISH HATCHERY ROAD AT THE INTERSECTION OF NY ROUTE 46 AND THE INTERSECTION OF WILLIAMS ROAD PER DWG WZTC15-02 AND WZTC15-03
- PLACE AND TEST THE TEMPORARY TRAFFIC SIGNALS AS SHOWN ON DWG WZTC15-06
- AFTER THE SIGNALS HAVE BEEN TESTED AND APPROVED, THE TEMPORARY POSITIVE BARRIER AND CHANNELIZING DEVICES SHALL BE SET IN PLACE TO CREATE A ONE-LANE TWO-WAY ROADWAY CONDITION

PHASE 1 CONTRACT WORK TO BE COMPLETED:

- INSTALL EROSION AND SEDIMENT CONTROL DEVICES
- EXCAVATE AND INSTALL TEMPORARY GRSS WALL SYSTEM AT PEDESTRIAN TUNNEL
- INSTALL PHASE 1 OF CULVERT C270026
- INSTALL TEMPORARY GRSS WALL SYSTEM AT CULVERT C270026
- CONSTRUCT TEMPORARY NY ROUTE 46 BYPASS ROADWAY, PLACE TEMPORARY POSITIVE BARRIER ON THE NY ROUTE 46 BYPASS ROADWAY

PHASE 2 WORK ZONE:

- CLOSURE OF FISH HATCHERY ROAD AND PROPOSED DETOUR TO REMAIN IN PLACE
- TEMPORARY TRAFFIC SIGNALS TO REMAIN IN PLACE
- TEMPORARY POSITIVE BARRIER INSTALLED AS PART OF PHASE 1 TO BE REMOVED
- TRAFFIC TO BE MOVED TO TRAVEL ON THE NY ROUTE 46 BYPASS ROADWAY IN A ONE-LANE TWO-WAY ROADWAY CONDITION.

PHASE 2 CONTRACT WORK TO BE COMPLETED:

- INSTALL PEDESTRIAN TUNNEL C*****
- INSTALL PHASE 2 OF CULVERT C270026
- RESTORE NY ROUTE 46 ROADWAY TO MATCH ORIGINAL CONDITION, INCLUDING PAVEMENT SECTION, GUIDE RAILING, STRIPING, ETC.

PHASE 3 WORK ZONE:

- CLOSURE OF FISH HATCHERY ROAD AND PROPOSED DETOUR TO REMAIN IN PLACE
- TEMPORARY TRAFFIC SIGNALS TO BE REMOVED, RETURNING THE ROADWAY TO NORMAL OPERATION
- TEMPORARY POSITIVE BARRIER INSTALLED AS PART OF PHASE 2 TO BE REMOVED
- PHASE 3 TEMPORARY POSITIVE BARRIER AND CHANNELIZING DEVICES TO BE PLACED PER DWG WZTC15-09

PHASE 3 CONTRACT WORK TO BE COMPLETED:

- REMOVE TEMPORARY NY ROUTE 46 BYPASS ROADWAY
- INSTALL PROPOSED MRT SHARED USE TRAIL, INCLUDING RETAINING WALLS, ASPHALT, FENCING, SIGNAGE, ETC.
- RESTORE FISH HATCHERY ROAD TO MATCH ORIGINAL CONDITION, INCLUDING PAVEMENT SECTION, GUIDE RAILING, STRIPING, ETC.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025



ALTERED BY: GREENMAN - PEDERSEN, INC
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL
PHASE 3
CITY OF ROME
COUNTY: ONEIDA REGION: 2

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

PIN 2650.61 / 2LC1.31

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - WORK ZONE TRAFFIC CONTROL
NOTES

 Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPI.NET.COM

CONTRACT NUMBER
D265553

DRAWING NO. WZTC15-01
SHEET NO. 13

CITY OF ROME

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

NOTES

- ROAD CLOSURE SHALL BE IN PLACE PRIOR TO THE BEGINNING OF PHASE 1. ROAD CLOSURE SHALL REMAIN IN PLACE UNTIL THE COMPLETION OF PHASE 3.
- CONTRACTOR SHALL ENSURE THAT DETOUR SIGNAGE DOES NOT CONFLICT WITH ANY OTHER PROPOSED WORK ZONE SIGNAGE.
- FOR ADDITIONAL NOTES AND DETAILS, SEE STANDARD SHEET 619-503.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - WORK ZONE TRAFFIC CONTROL
OFF-SITE DETOUR PLAN

CONTRACT NUMBER
D265553

DRAWING NO. WZTC15-02
SHEET NO. 14

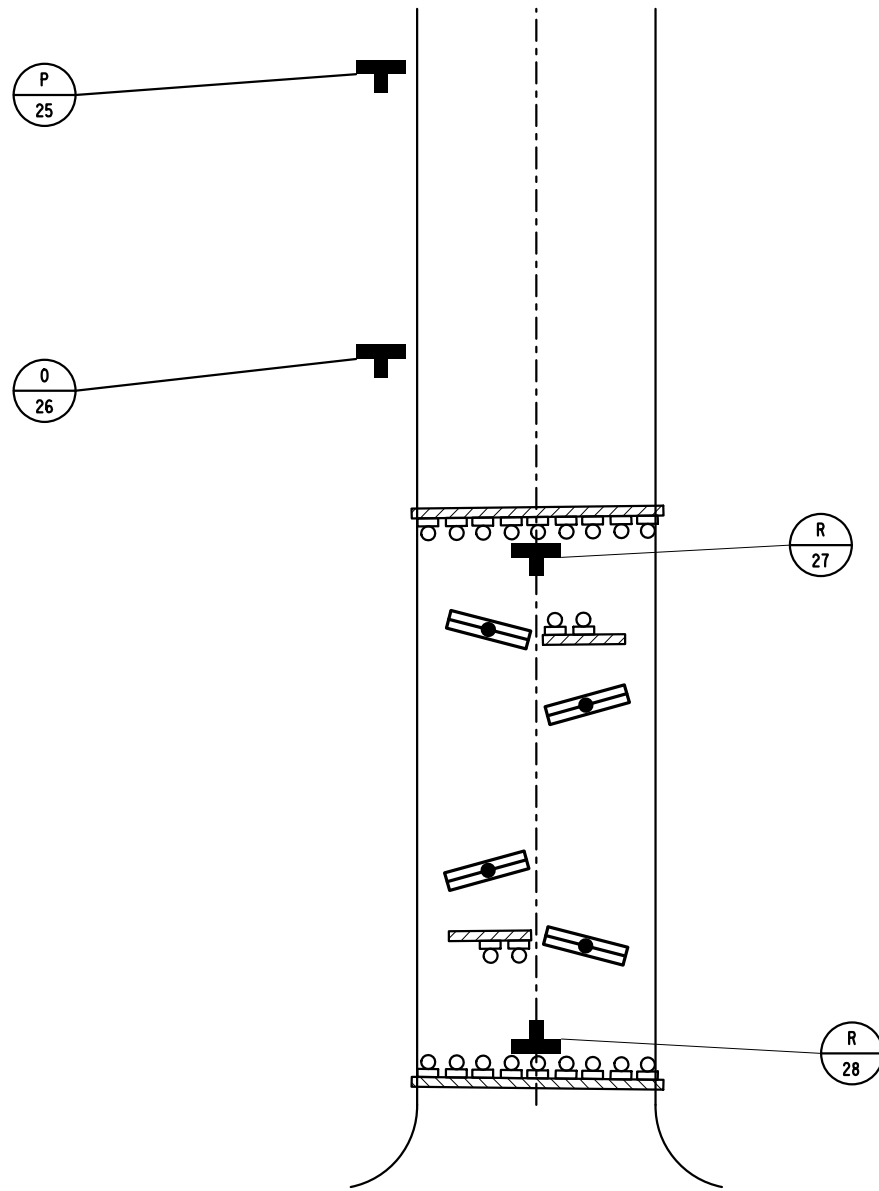
GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



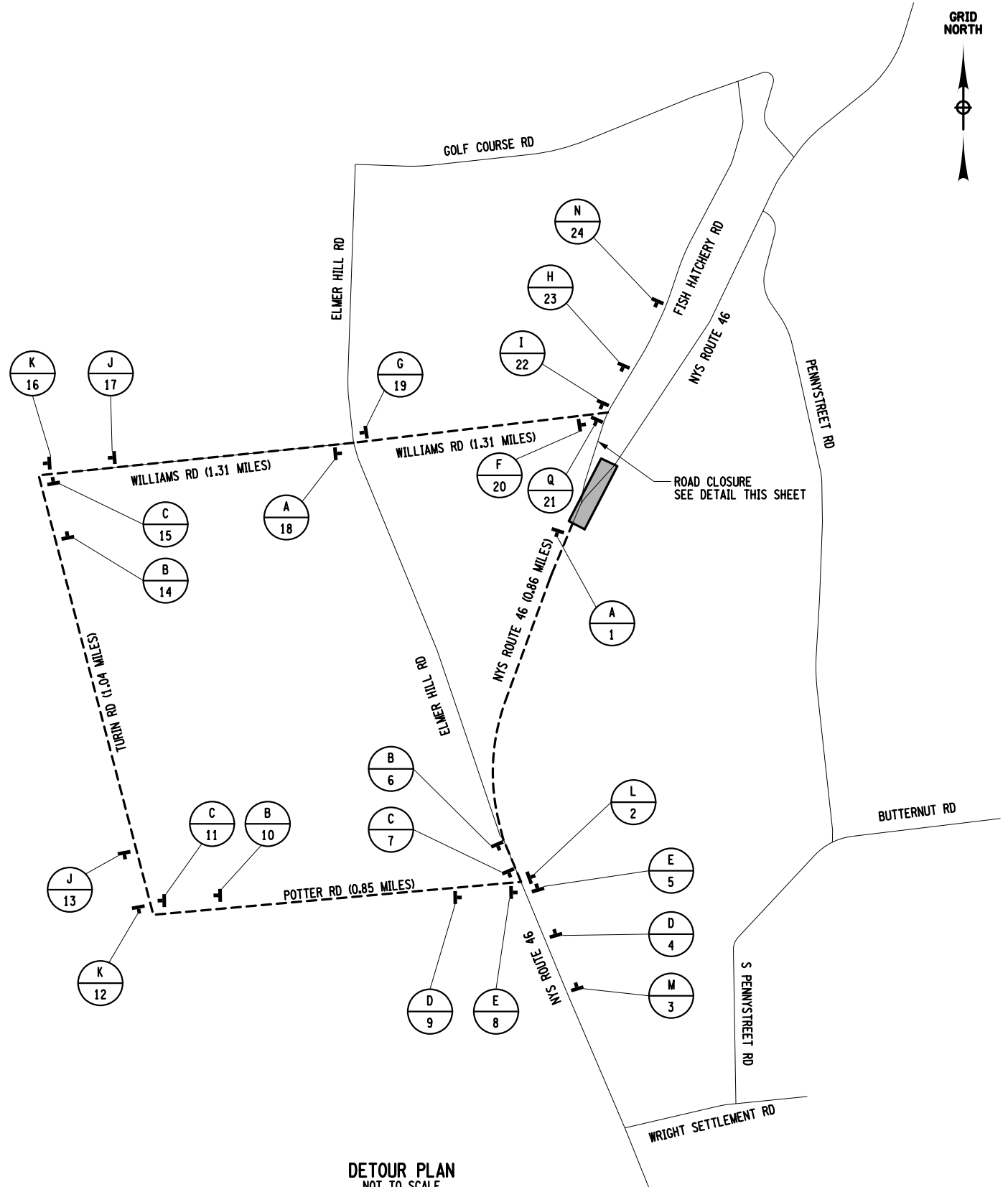
CITY OF ROME

FISH HATCHERY ROAD CLOSURE DETAIL NOT TO SCALE



LEGEND	
	SIGN TEXT NUMBER SIGN LOCATION NUMBER SEE DWG MPT-1
	TEMPORARY SIGN
	CONCRETE BARRIER
	TYPE III BARRICADE W/ LIGHTS
	WORK ZONE

DETOUR PLAN NOT TO SCALE



FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - WORK ZONE TRAFFIC CONTROL
OFF-SITE DETOUR SIGNS

CONTRACT NUMBER
D265553

DRAWING NO. WZTC15-03
SHEET NO. 15

GPI

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Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

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TEXT NO.	LOCATION	TEXT	MUTCD NO.	SIZE		
A	1, 18 2	Fish Hatchery Rd DETOUR ↑	D3-1	72"	X	12"
			M4-9	30"	X	24"
B	6, 10, 14 3	Fish Hatchery Rd DETOUR ↗	D3-1	72"	X	12"
			M4-9RA	30"	X	24"
C	7, 11, 15 3	Fish Hatchery Rd DETOUR →	D3-1	72"	X	12"
			M4-9R	30"	X	24"
D	4, 9 2	Fish Hatchery Rd DETOUR ↙	D3-1	72"	X	12"
			M4-9LA	30"	X	24"
E	5, 8 2	Fish Hatchery Rd DETOUR ←	D3-1	72"	X	12"
			M4-9L	30"	X	24"
F	20 1	Fish Hatchery Rd END DETOUR	D3-1	72"	X	12"
			M4-8A	30"	X	24"

LOCATION	TEXT	MUTCD NO.	SIZE		
G 19 1	DETOUR 46 ↑	M4-8P	24"	X	12"
		M1-5	36"	X	36"
		M6-3P	21"	X	15"
H 23 1	DETOUR 46 ↗	M4-8P	24"	X	12"
		M1-5	36"	X	36"
		M5-1P	21"	X	15"
I 22 1	DETOUR 46 →	M4-8P	24"	X	12"
		M1-5	36"	X	36"
		M6-1P	21"	X	15"
J 13, 17 2	DETOUR 46 ↙	M4-8P	24"	X	12"
		M1-5	36"	X	36"
		M5-1P	21"	X	15"
K 12, 16 2	DETOUR 46 ←	M4-8P	24"	X	12"
		M1-5	36"	X	36"
		M6-1P	21"	X	15"

TEXT NO.	LOCATION	TEXT	MUTCD NO.	SIZE		
L 2 1		END DETOUR 46	M4-8A	24"	X	18"
			M1-5	36"	X	36"
M 3 1		Fish Hatchery Rd DETOUR 1500 FT	D3-1	72"	X	12"
			W20-2	36"	X	36"
N 24 1		DETOUR 1500 FT	W20-2	36"	X	36"
O 26 1		Fish Hatchery Rd ROAD CLOSED 500 FT	D3-1	72"	X	12"
			W20-3	36"	X	36"
P 25 1		Fish Hatchery Rd ROAD CLOSED 1000 FT	D3-1	72"	X	12"
			W20-3	36"	X	36"
Q 21 1		DETOUR ROAD CLOSED 0.15 MILES AHEAD LOCAL TRAFFIC ONLY	M4-10R	48"	X	18"
			R11-3A	60"	X	30"
R 27, 28 2		ROAD CLOSED	R11-2R	60"	X	30"

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

LIMITS OF TEMPORARY CRSS
WALL STRUCTURE EXCAVATION
PAID UNDER ITEM 554.3001

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - WORK ZONE TRAFFIC CONTROL
STAGE 1 & 2 TYPICALS

CONTRACT NUMBER
D265553

DRAWING NO. WZTC15-04
SHEET NO. 16

GPI

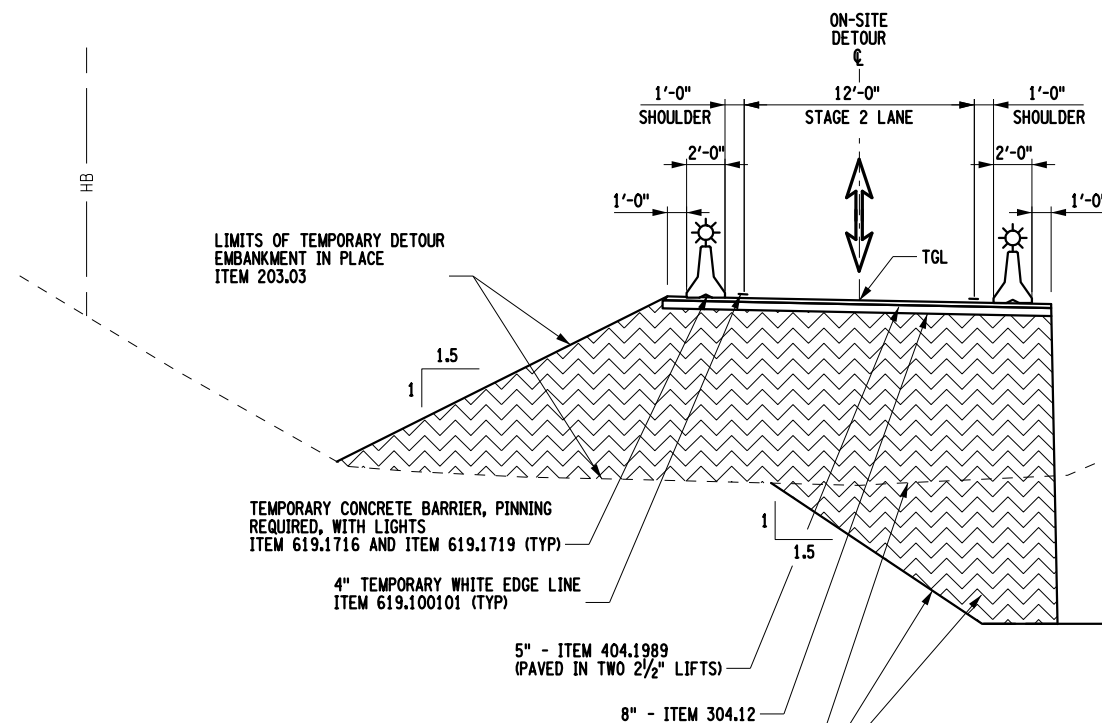
Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

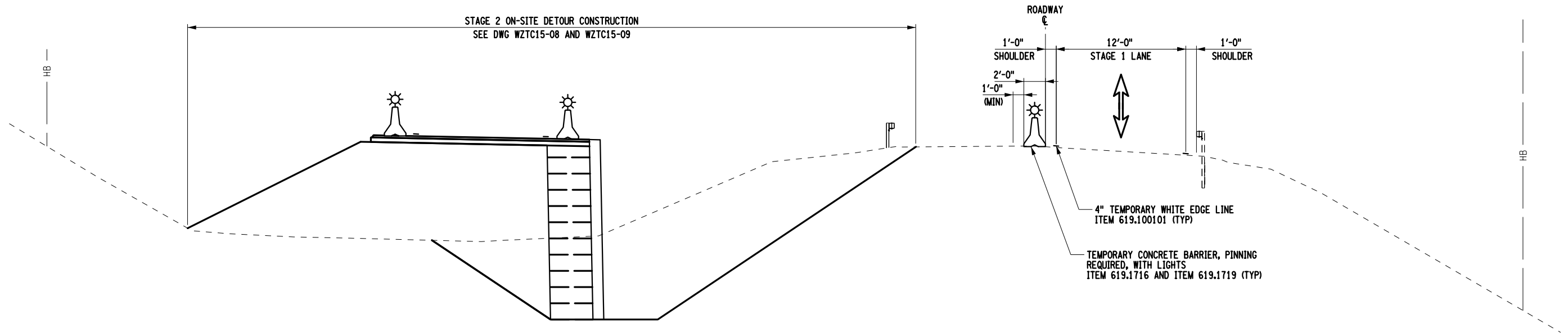
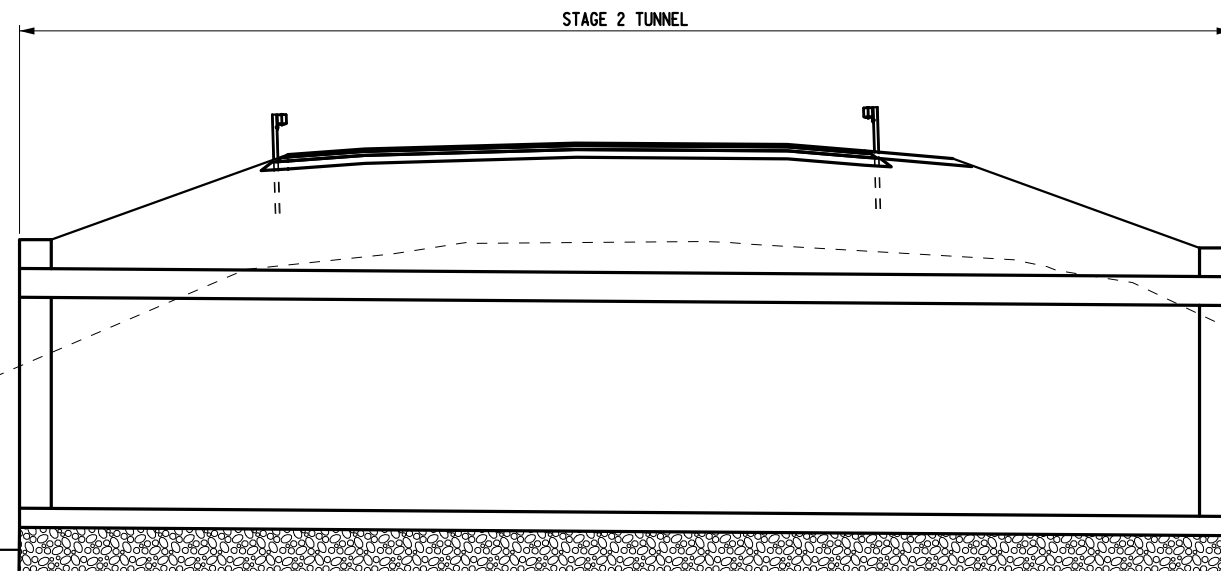
STAGE 1 CONSTRUCTION SECTION AT PEDESTRIAN TUNNEL

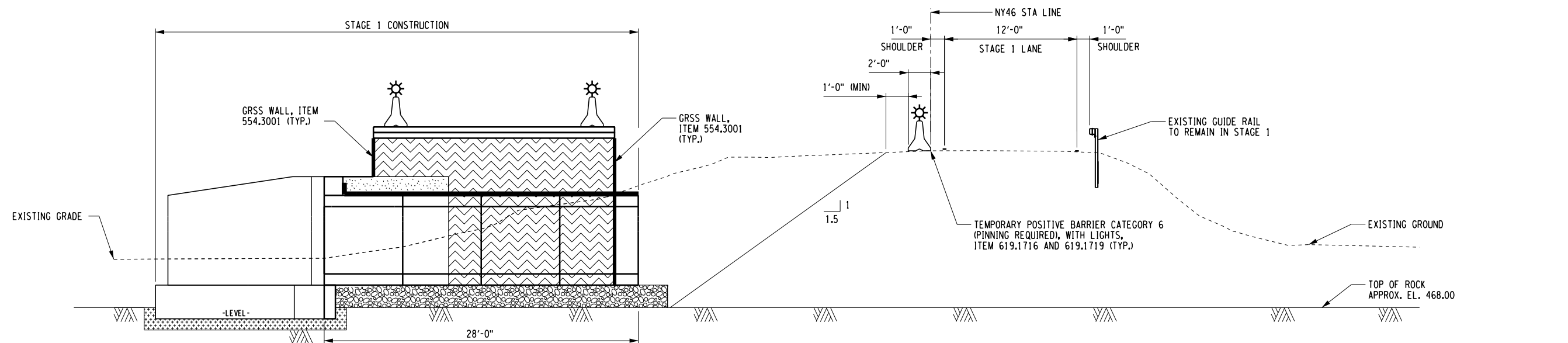
NOT TO SCALE



STAGE 2 CONSTRUCTION SECTION AT PEDESTRIAN TUNNEL

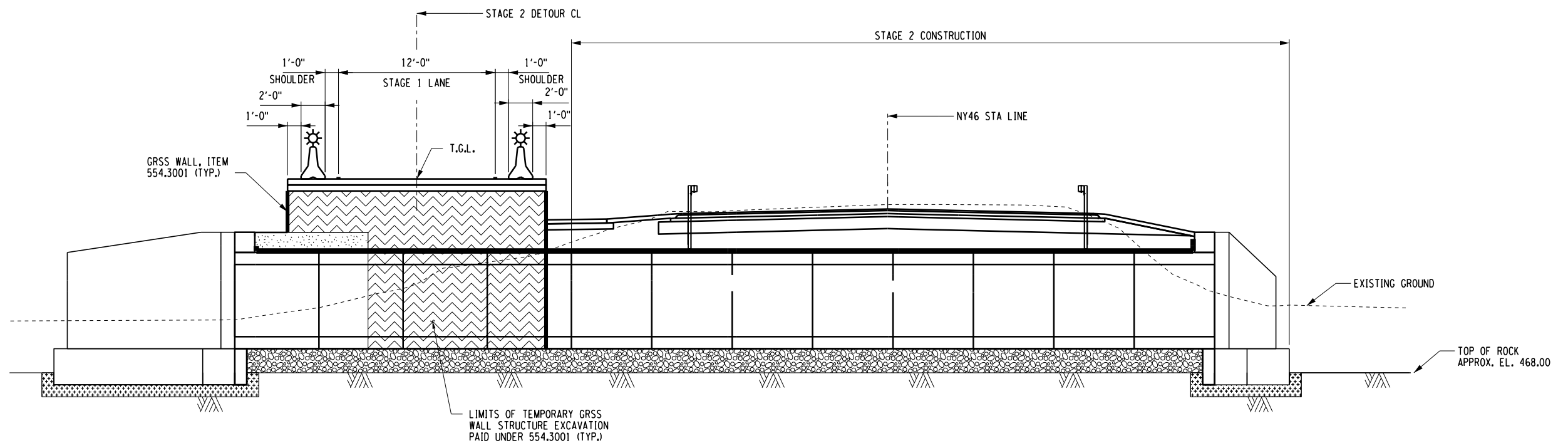
NOT TO SCALE





STAGE 1 CONSTRUCTION

NOT TO SCALE



STAGE 2 CONSTRUCTION

NOT TO SCALE



AFFIX SEAL:
ON:

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT

ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER

S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46

CITY OF ROME

REGION: 2

PIN 2LC1.31
PIN 2650.61

	BRIDGES
--	---------

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15
WORK ZONE TRAFFIC CONTROL
CULVERT STAGING SECTIONS

CONTRACT NUMBER	
-----------------	--

D265553

DRAWING NO. WZTC15-05

SHEET NO. 17

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Department of
Transportation

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

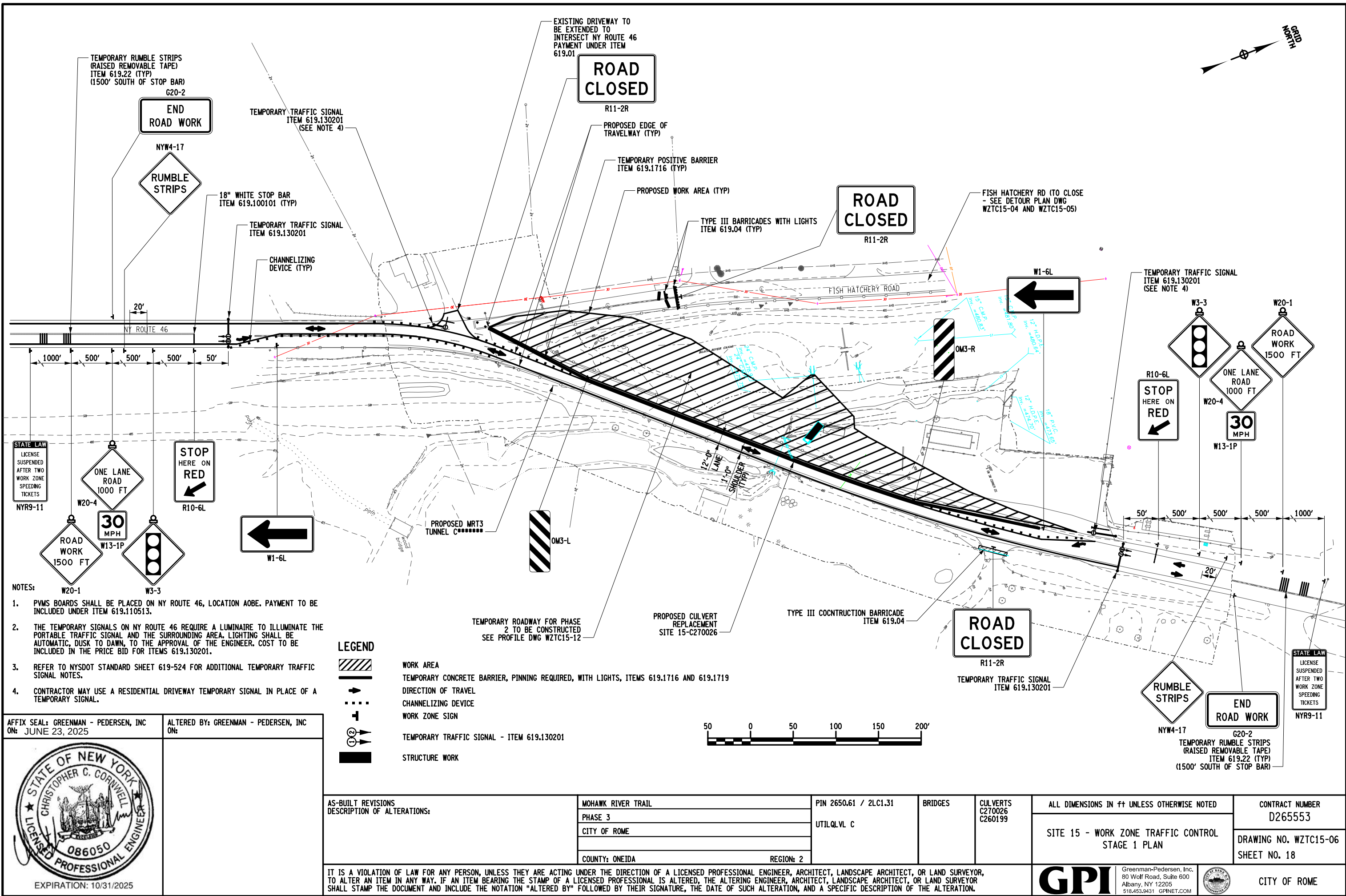
DESIGN T. VYCE

CHECK C. CORNWELL

DRAFTING A. JACKSON

CHECK T. VYCE

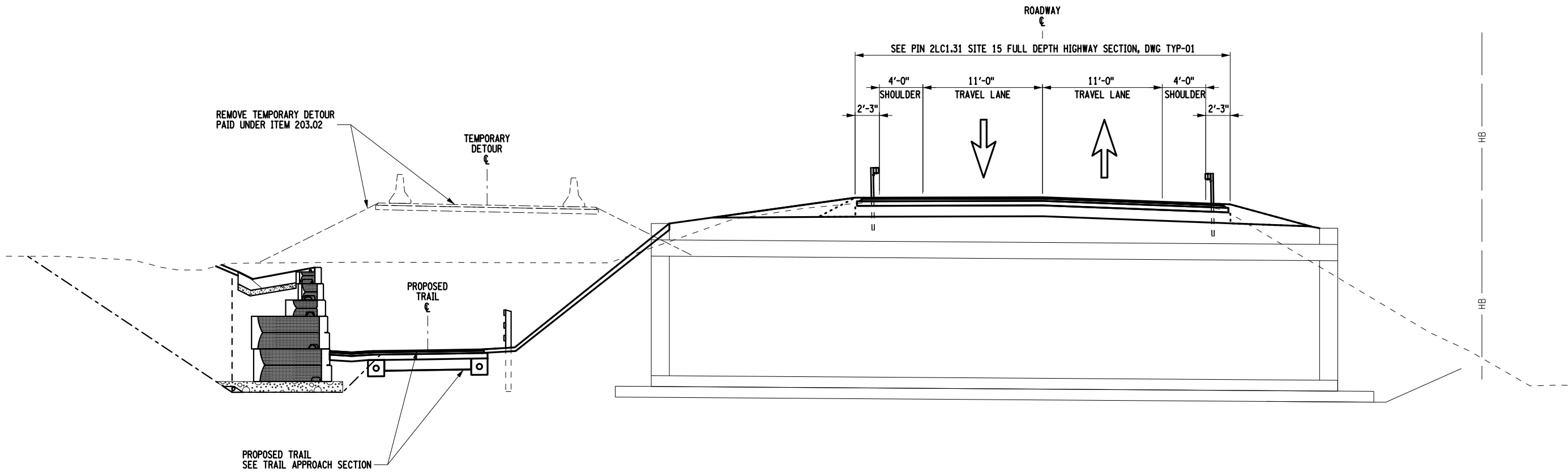
PROJECT MANAGER C. CORNWELL





FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER C. CORNWELL
DESIGN M. HACKER
CHECK T. VYCE
DRAFTING M. HACKER
CHECK A. JACKSON
PROJECT MANAGER C. CORNWELL



AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: JUNE 23, 2025	ALTERED BY: GREENMAN - PEDERSEN, INC ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	MOHAWK RIVER TRAIL	PIN 2650.61 / 2LC1.31 UTILQLVL C	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553
	PHASE 3				SITE 15 - WORK ZONE TRAFFIC CONTROL STAGE 3 TYPICAL	DRAWING NO. WZTC15-08 SHEET NO. 20
	CITY OF ROME					
	COUNTY: ONEIDA REGION: 2					
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			 Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPINET.COM		 CITY OF ROME	

NOTE:

1. PVMS BOARDS SHALL BE PLACED ON NY ROUTE 46, 1 MILE IN ADVANCE OF ANY WORK ZONE SIGNAGE SHOWN ON THIS PLAN. PAYMENT TO BE INCLUDED UNDER ITEM 619.110513.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

LEGEND

- WORK AREA
- TEMPORARY CONCRETE BARRIER, PINNING REQUIRED, WITH LIGHTS, ITEMS 619.1716 AND 619.1719
- DIRECTION OF TRAVEL
- CHANNELIZING DEVICE
- WORK ZONE SIGN

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL
PHASE 3
CITY OF ROME
COUNTY: ONEIDA REGION: 2

PIN 2650.61 / 2LC1.31
UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - WORK ZONE TRAFFIC CONTROL
STAGE 3 PLAN

CONTRACT NUMBER
D265553

DRAWING NO. WZTC15-09
SHEET NO. 21

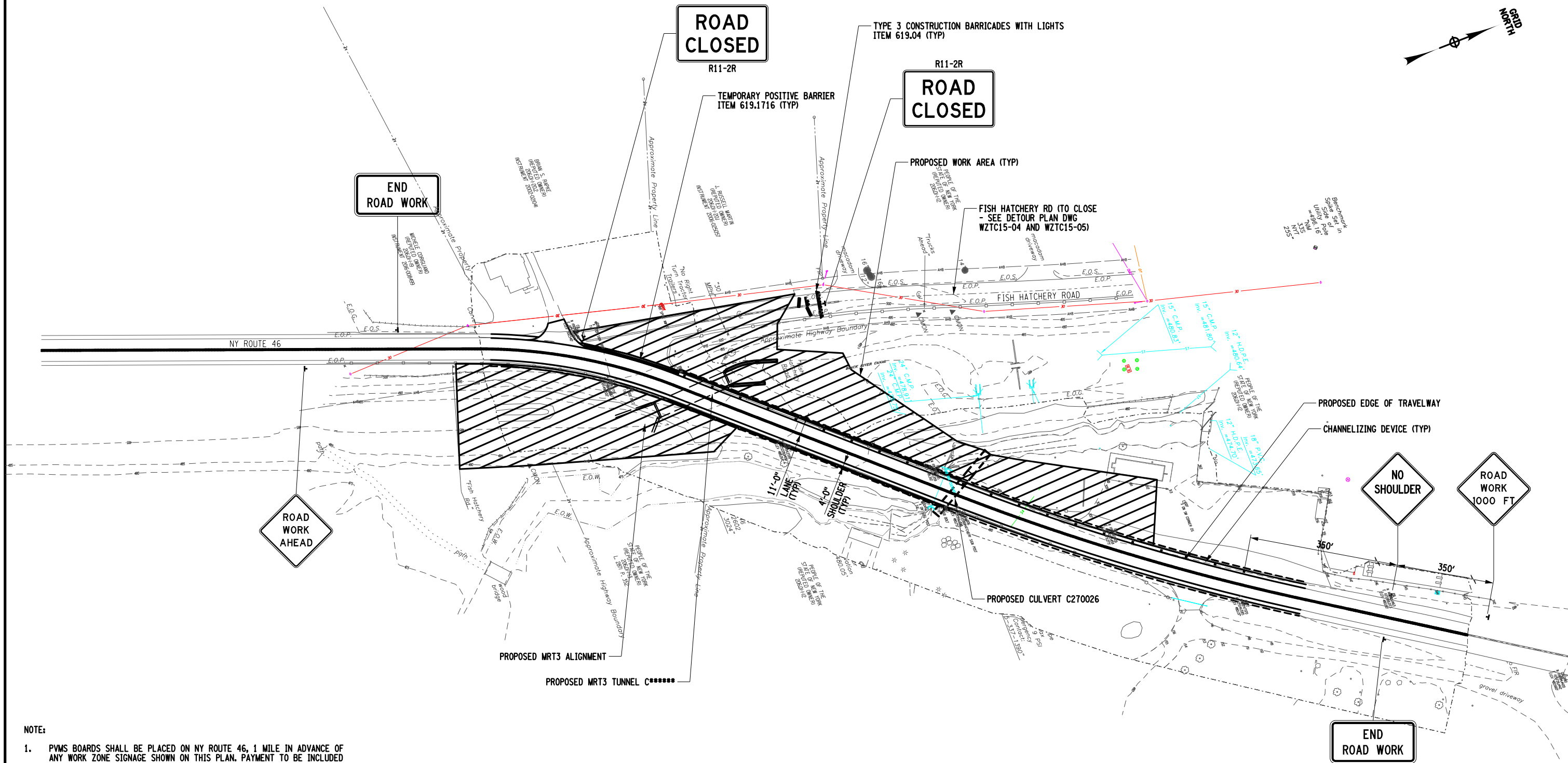
GPI

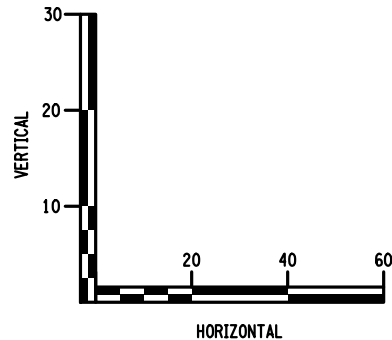
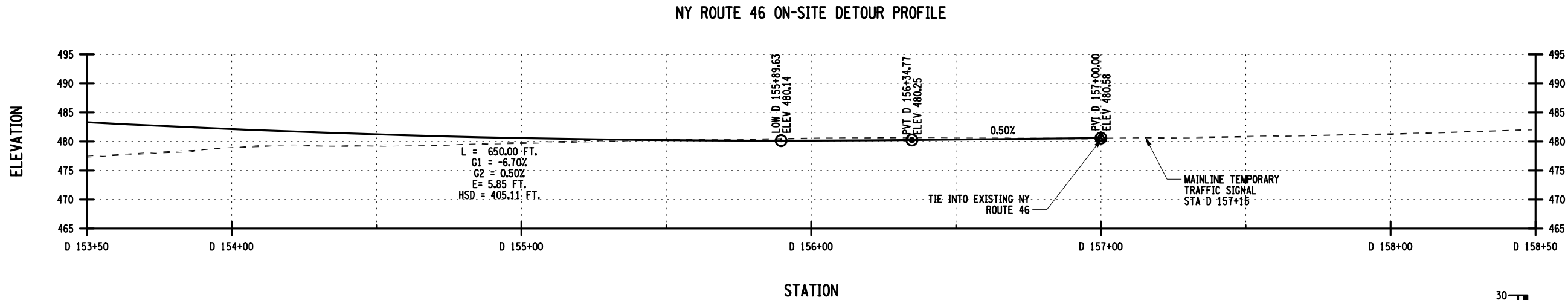
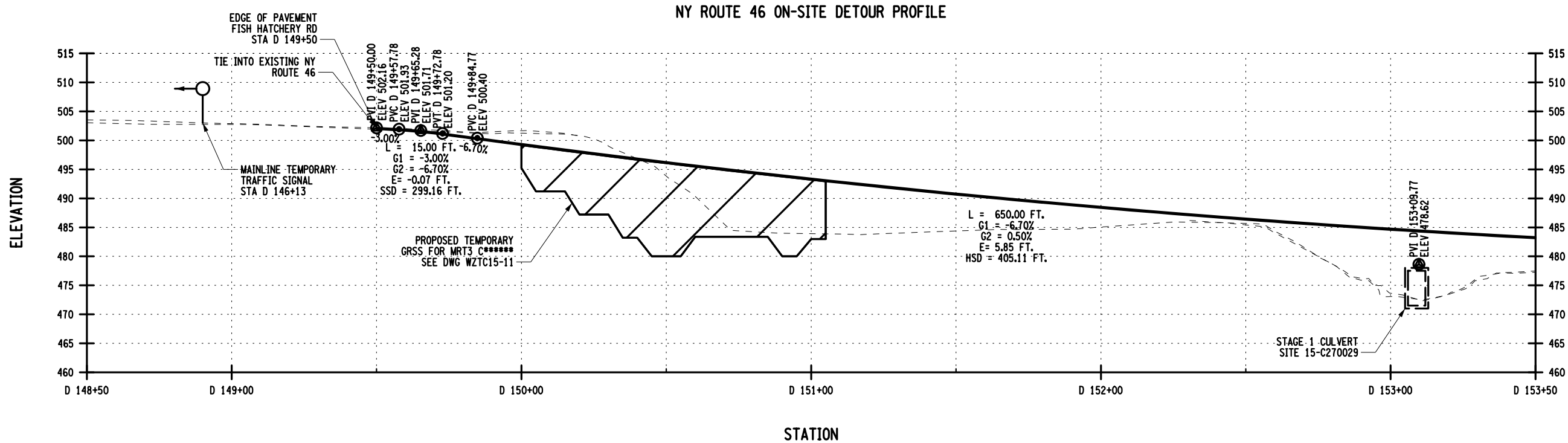
Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.





AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - WORK ZONE TRAFFIC CONTROL
ON-SITE DETOUR PROFILE

CONTRACT NUMBER
D265553

DRAWING NO. WZTC15-10
SHEET NO. 22

GPI

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80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPI.NET.COM



CITY OF ROME

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FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$USER\$

DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER C. CORNWELL
DESIGN T. VYCE
CHECK C. CORNWELL
DRAFTING A. JACKSON
CHECK T. VYCE
PROJECT MANAGER C. CORNWELL

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

DESIGN T. VYCE

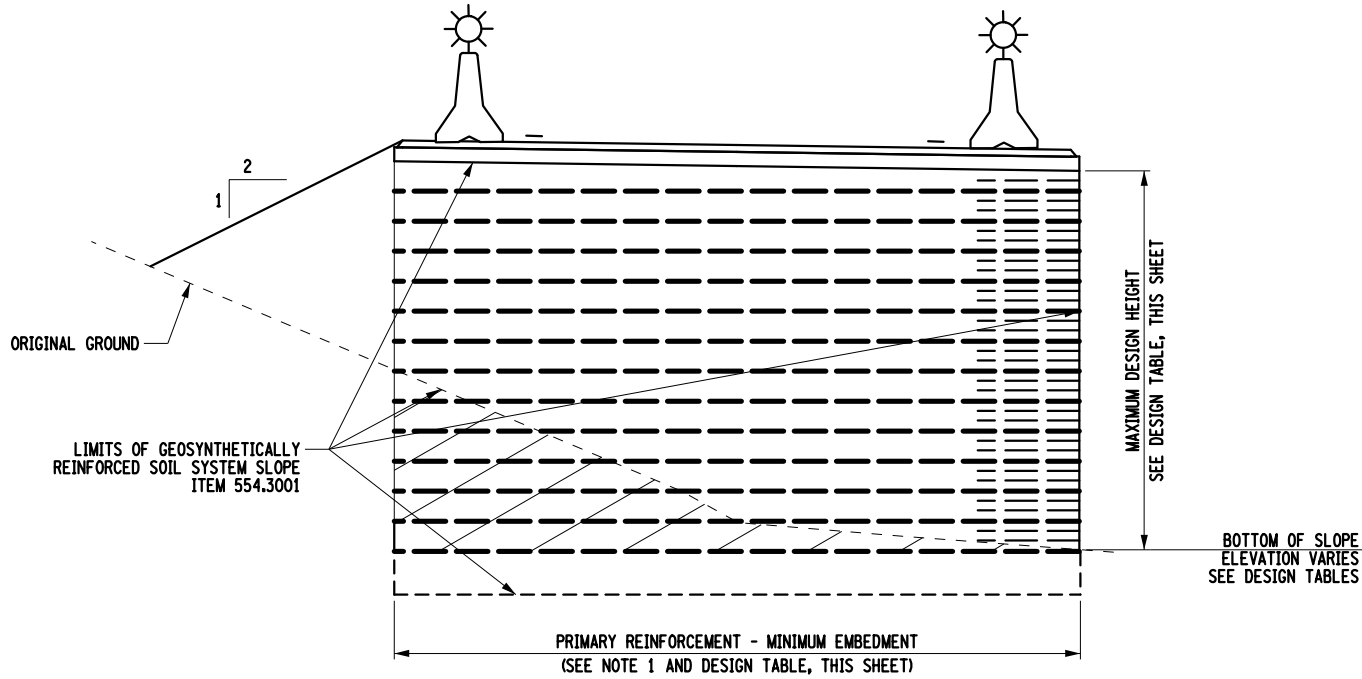
CHECK C. CORNWELL

DRAFTING A. JACKSON

CHECK T. VYCE

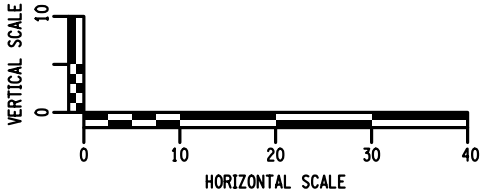
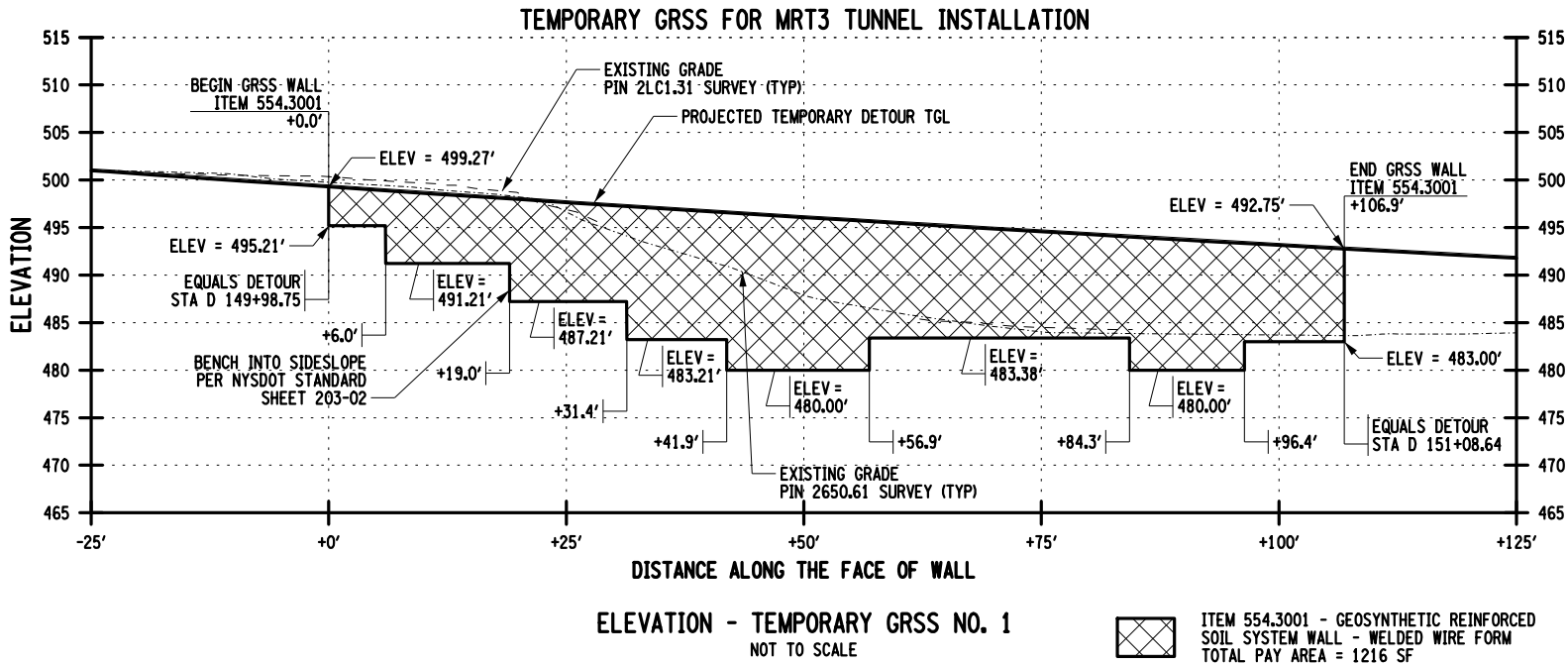
PROJECT MANAGER C. CORNWELL

SLOPE 1 - STA D 149+98.75 TO STA D 151+08.64					
STATION	BOTTOM OF SLOPE ELEVATION	APPROXIMATE TOP OF SLOPE ELEVATION	MAXIMUM ALLOWABLE DESIGN HEIGHT (FT)	DESIGN TENSILE STRENGTH (LB/FT)	MINIMUM EMBEDMENT LENGTH (FT)



SECTION - TEMPORARY GRSS NO. 1
NOT TO SCALE

- NOTES:
1. GEOGRID REINFORCEMENT TO EXTEND THE LENGTH INDICATED IN THE DESIGN TABLE OR TO THE BACK OF EACH BENCH, WHICHEVER IS GREATER.
 2. FOR TEMPORARY ON-SITE DETOUR PAVEMENT SECTION, SEE DWG WZTC15-04.
 3. SEE NYSDOT STANDARD SHEETS 554-01 AND 554-02 FOR GRSS NOTES AND DETAILS.
 4. GEOSYNTHETICALLY REINFORCED SOIL SYSTEM (GRSS) WALL SHALL BE PAID FOR UNDER ITEM 554.3001.
 5. GEOGRID REINFORCEMENT SHALL HAVE A MINIMUM LONG TERM DESIGN STRENGTH OF 1650 LBS/FT.



AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

EXPIRATION: 10/31/2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:

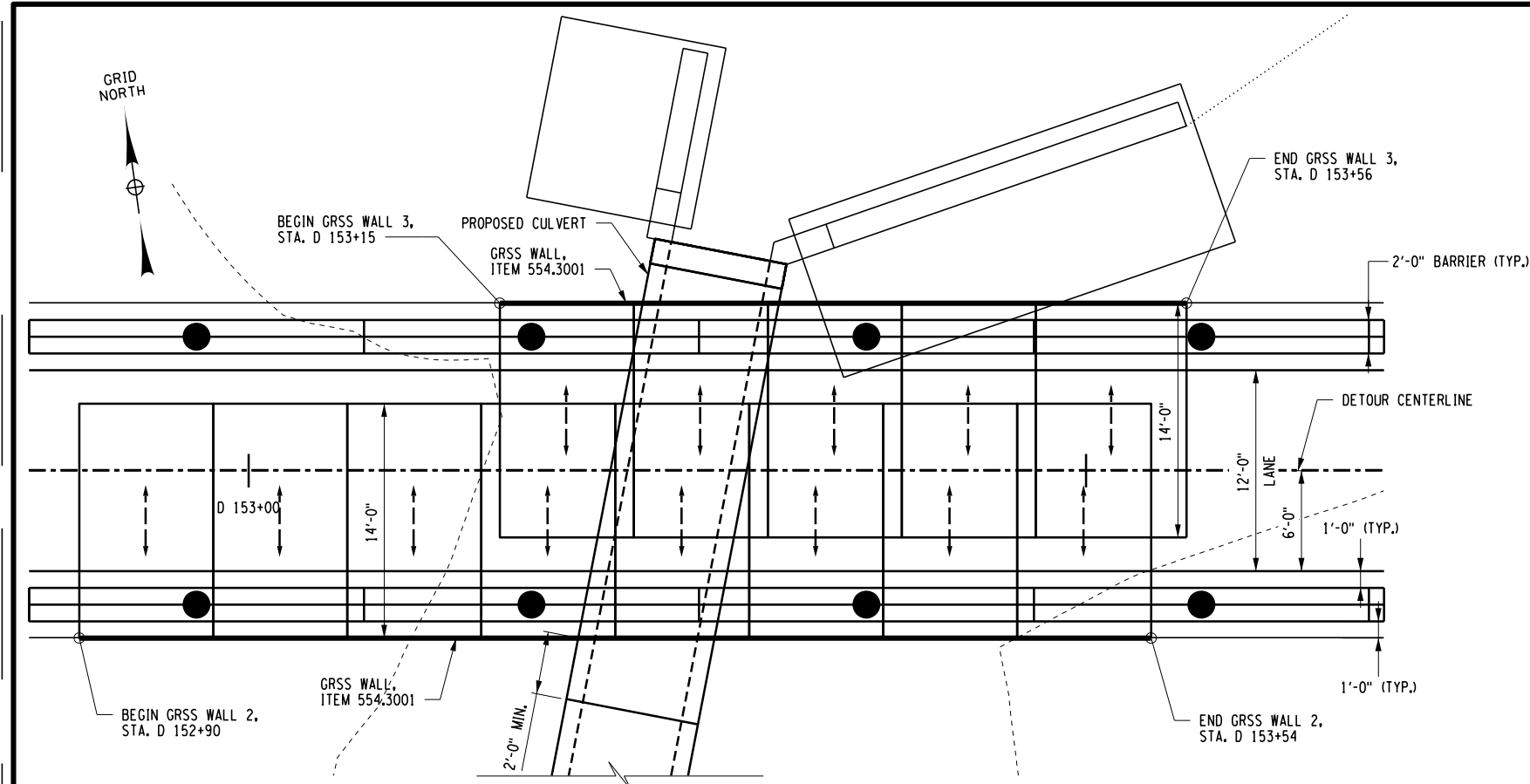
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	MOHAWK RIVER TRAIL	PIN 2650.61 / 2LC1.31	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553
	PHASE 3				SITE 15 - WORK ZONE TRAFFIC CONTROL GRSS WALL	DRAWING NO. WZTC15-11 SHEET NO. 23
	CITY OF ROME					
	COUNTY: ONEIDA REGION: 2					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						

GPI	Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPINET.COM		CITY OF ROME
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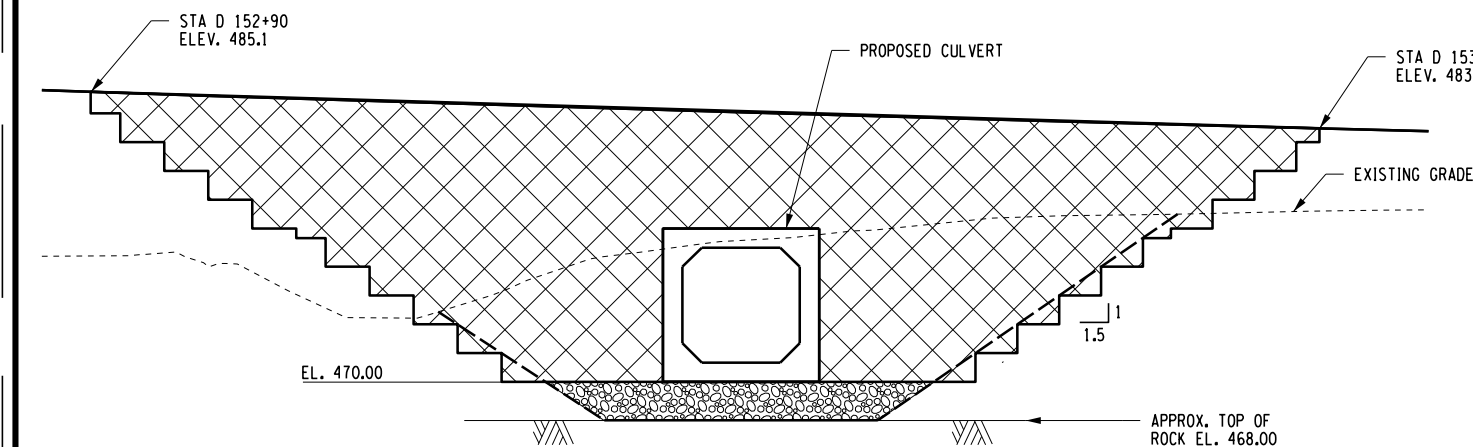
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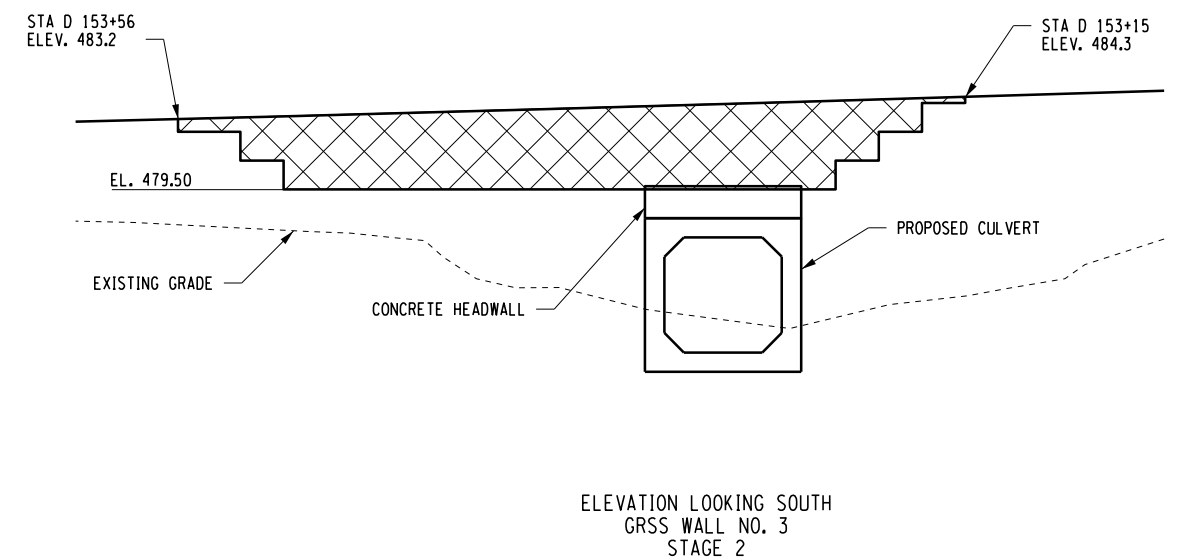
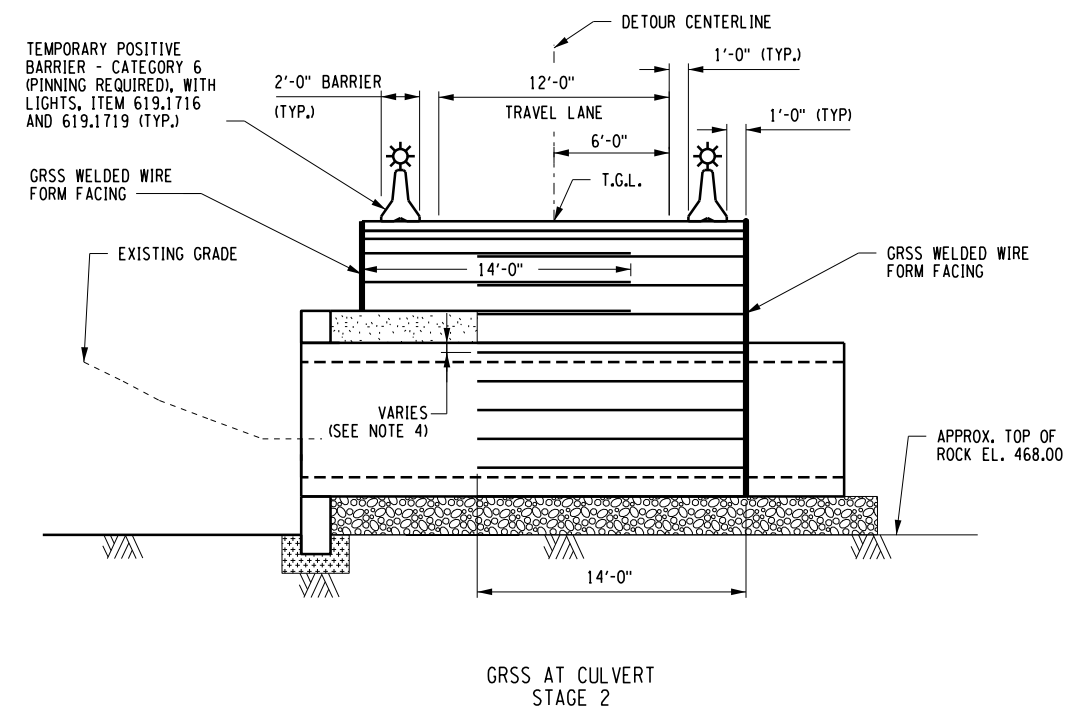
DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI
DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



PLAN
GRSS WALL NO. 2
STAGE 2



ELEVATION LOOKING NORTH
GRSS WALL NO. 2
STAGE 2



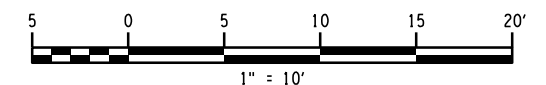
NOTES:

1. SEE NYSDOT STANDARD SHEETS 554-01 AND 554-02 FOR GRSS NOTES AND DETAILS.
2. GEOSYNTHETICALLY REINFORCED SOIL SYSTEM (GRSS) WALL SHALL BE PAID FOR UNDER ITEM 554.3001.
3. GEOGRID REINFORCEMENT SHALL HAVE A MINIMUM LONG TERM DESIGN STRENGTH OF 1650 LBS/FT.
4. GRSS LAYER SHALL BE AS NEEDED FOR THE GEOGRID ELEVATION TO BE THE SAME AS THE TOP OF THE CULVERT.

LEGEND



ITEM 554.3001 - GEOSYNTHETIC REINFORCED SOIL SYSTEM - WELDED WIRE FORM
GRSS WALL NO. 2 PAY AREA = 560 SF
GRSS WALL NO. 3 PAY AREA = 141 SF



AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553
	ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER				SITE 15 WORK ZONE TRAFFIC CONTROL GRSS WALL DETAILS	DRAWING NO. WZTC15-12 SHEET NO. 24
CITY OF ROME		Department of Transportation				
COUNTY: ONEIDA REGION: 2						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						

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DATE/TIME = 04-JUN-2025 09:45
USER = sarthur

DESIGN SUPERVISOR

JOB MANAGER

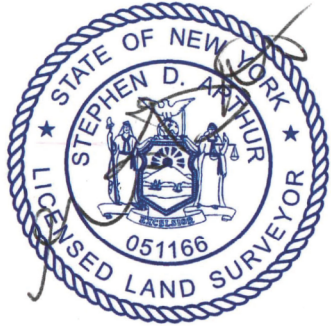
DESIGN S. ARTHUR

CHECK R. KOKOSENSKI

DRAFTING S. ARTHUR

CHECK R. KOKOSENSKI

PROJECT MANAGER



AFFIX SEAL: S. ARTHUR
ON: 6/4/2025

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 46 OVER UNNAMED CREEK
S.H 1355 - NORTHWESTERN - BOONVILLE, PART 1
TOWN OF AVA
COUNTY: ONEIDA REGION: 2

PIN 2LC1.31
ROUTE 46

BRIDGES

CULVERTS
C270037

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
SITE 13
BASELINE TIES AND BENCHMARKS
RIGHT OF WAY TABLES

CONTRACT NUMBER
D265553
DRAWING NO. BLT13-1
SHEET NO. 25 25

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

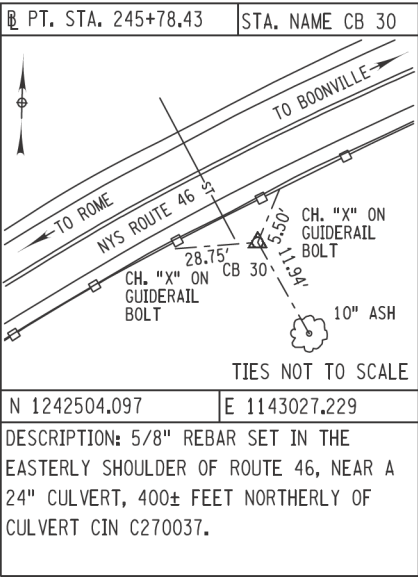
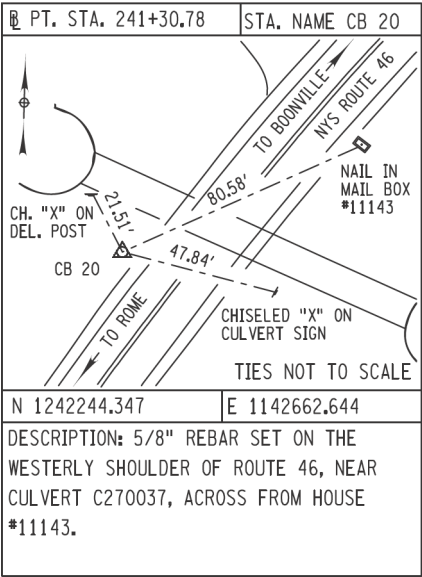
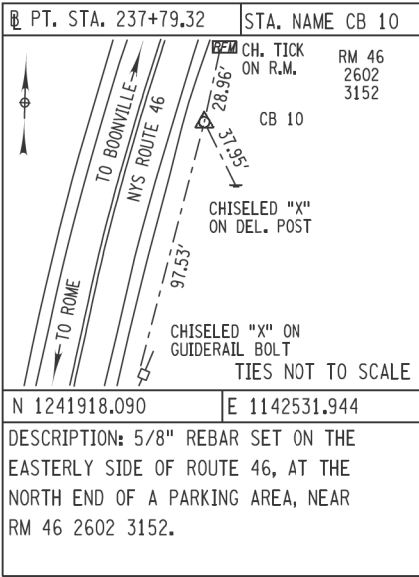


TABLE OF BENCHMARKS

NAME	DESCRIPTION	STATION (APPROX.)	OFFSET (FT)	ELEVATION (FT)
BM 100	RAILROAD SPIKE SET IN THE BASE OF A 14" ASH TREE, LOCATED ALONG THE EASTERLY SIDE OF ROUTE 46, 150± FEET NORTHERLY OF RM 46 2602 3152.	239+52	13 RIGHT	777.53
BM 200	CHISELED SQUARE LOCATED ON TOP OF THE WESTERLY HEADWALL OF CULVERT C270037, LOCATED ALONG ROUTE 46 IN FRONT OF HOUSE #11143.	241+35	25 LEFT	777.77

SURVEY DATUM		
HORIZONTAL	VERTICAL	
DATUM: NAD 83 (2011)	DATUM: NAVD 88	THE COMBINED SCALE FACTOR IS A FUNCTION OF CONVERTING GEODETIC CONTROL DATA TO PLANIMETRIC DISTANCES AT SEA LEVEL.
NYSPCS ZONE: CENTRAL 3102	UNITS: FT	THE COMBINED SCALE FACTOR FOR THIS SITE IS: 1.000000000
UNITS: FT		A SURVEY CONTROL REPORT IS AVAILABLE FOR THE CONTRACTOR'S USE AT THE REGIONAL D.O.T. OFFICE, UNDER FILE NUMBER - G 6332.06 OR FROM PROJECTWISE, REGION 2, P.I.N. 2LC1.21 SURVEY FOLDER

EXISTING HIGHWAY & PROPERTY MONUMENTATION MONUMENTATION FOUND PRIOR TO AND/OR DURING CONSTRUCTION			
STATION	OFFSET	FOUND SIZE/TYPE	REESTABLISHMENT RECORD

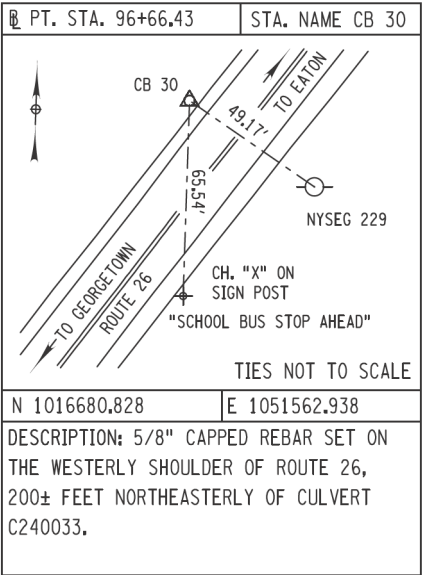
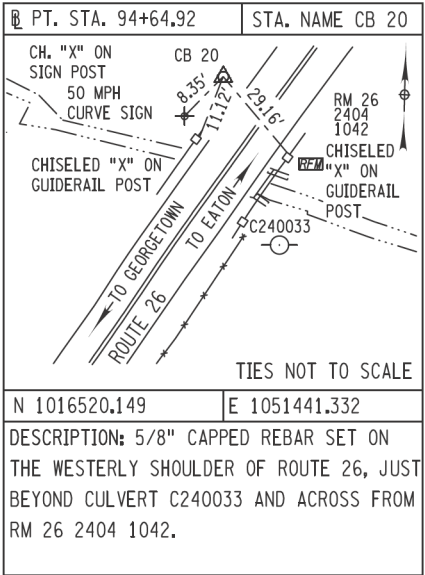
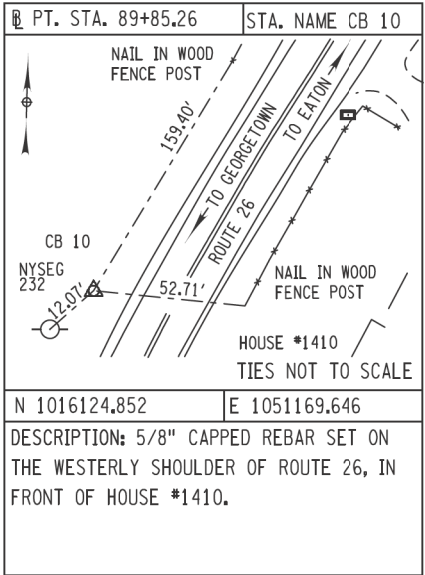


TABLE OF BENCHMARKS

NAME	DESCRIPTION	STATION (APPROX.)	OFFSET (FT)	ELEVATION (FT)
BM 1	RAILROAD SPIKE SET IN THE BASE OF U.P. NYSEG 232, LOCATED ALONG THE WESTERLY SIDE OF ROUTE 26, 50± FEET NORTH OF RM 26 2404 1041.	89+73 F.T.P.B.	3 LEFT	1484.41
BM 2	RAILROAD SPIKE SET IN THE BASE OF U.P. NYSEG 231, LOCATED ALONG THE EASTERLY SIDE OF ROUTE 26, 280± FEET NORTH OF RM 26 2404 1041.	92+28	35 RIGHT	1478.44

SURVEY DATUM		
HORIZONTAL	VERTICAL	
DATUM: NAD 83 (2011)	DATUM: NAVD 88	THE COMBINED SCALE FACTOR IS A FUNCTION OF CONVERTING GEODETIC CONTROL DATA TO PLANIMETRIC DISTANCES AT SEA LEVEL.
NYSPCS ZONE: CENTRAL 3102	UNITS: FT	THE COMBINED SCALE FACTOR FOR THIS SITE IS: 1.000000000
UNITS: FT		A SURVEY CONTROL REPORT IS AVAILABLE FOR THE CONTRACTOR'S USE AT THE REGIONAL D.O.T. OFFICE, UNDER FILE NUMBER - G 63302.06 OR FROM PROJECTWISE, REGION 2, P.J.N. 2LC1.31 SURVEY FOLDER

TABLE OF RIGHT OF WAY ACQUISITIONS

MAP NO.(S).	PARCEL NO.(S)	TRN. NO.	REPUTED OWNER(S)	TYPE OF ACQUISITION	DWG. NO.(S)	AREA SQ. FT.	REMARKS
7	11	100	JANICE A. TRASS	PE	GP14-1	3,454±	
7	12	100	JANICE A. TRASS	PE	GP14-1	1,894±	

R.O.W. MARKERS

NOTES: 1. DISCLAIMER THAT THE TABLE OF MONUMENTS IS FOR ESTIMATION PURPOSES ONLY. ALL MONUMENTS SHALL BE PLACED IN ACCORDANCE WITH RIGHT-OF-WAY APPROPRIATION MAPS. 2. WHEN WORK IS COMPLETED UNDER THIS SECTION, THE CONTRACTOR SHALL PROVIDE A SIGNED COPY OF THIS SHEET TO THE EIC AT THE COMPLETION OF THE PROJECT.					
STATION	OFFSET	ITEM 625.03	ITEM 625.04	ITEM 625.05	ITEM 625.05010006
93+88±	LEFT			1	
94+15.44	LEFT	1			
94+71.39	LEFT	1			
95+04±	LEFT	1			
93+88±	RIGHT			1	1
94+36.78	RIGHT	1			
94+75.05	RIGHT	1			
95+06±	RIGHT	1			

EXISTING HIGHWAY & PROPERTY MONUMENTATION
MONUMENTATION FOUND PRIOR TO AND/OR DURING CONSTRUCTION

STATION	OFFSET	FOUND SIZE/TYPE	REESTABLISHMENT RECORD

AFFIX SEAL:
ON: 6/4/2025

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT

ROUTE 26 OVER UNNAMED CREEK

S.H. 339 GEORGETOWN - ROUTES 26 & 80

TOWN OF GEORGETOWN

COUNTY: MADISON

REGION: 2

PIN 2LC1.31
ROUTE 26

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 14
BASELINE TIES AND BENCHMARKS
RIGHT OF WAY TABLES

CONTRACT NUMBER
D265553

DRAWING NO. BLT14-1
SHEET NO. 26 26

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

BASELINE EQUALITY

@ 149+90.00 BK =
@ 0+00.00 AH

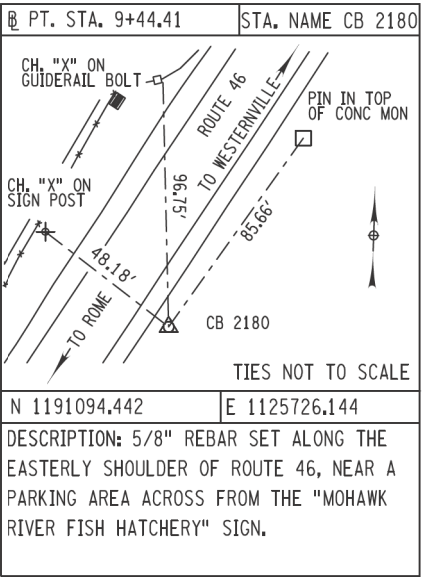
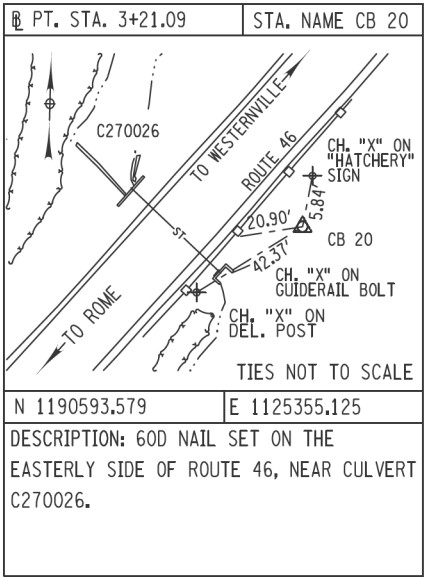
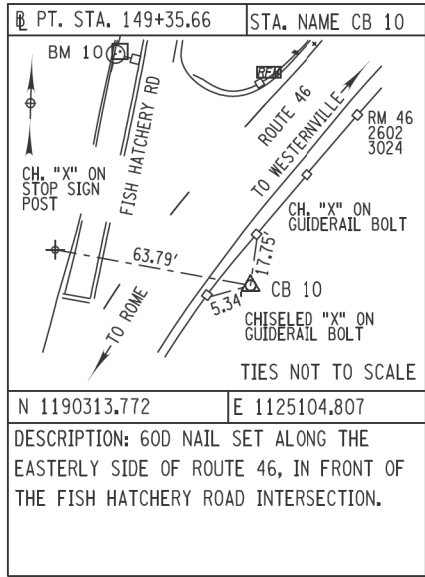


TABLE OF BENCHMARKS

NAME	DESCRIPTION	STATION (APPROX.)	OFFSET (FT)	ELEVATION (FT)
BM 10	RAILROAD SPIKE SET IN THE BASE OF U.P. NM #37, LOCATED ALONG THE WESTERLY SIDE OF FISH HATCHERY ROAD, NEAR RM 46 2602 3024.	@ 149+54	92 LEFT	501.40
BM 20	CHISELED "X" ON THE SOUTHWESTERLY CORNER OF A CATCH BASIN, LOCATED IN THE PARKING LOT OF THE MOHAWK RIVER FISH HATCHERY, ALONG THE WESTERLY SIDE OF ROUTE 46 NEAR RM 46 2602 3025.	@ 5+32	71 LEFT	478.13

SURVEY DATUM		
HORIZONTAL	VERTICAL	
DATUM: NAD 83 (2011)	DATUM: NAVD 88	THE COMBINED SCALE FACTOR IS A FUNCTION OF CONVERTING GEODETIC CONTROL DATA TO PLANIMETRIC DISTANCES AT SEA LEVEL.
NYSPCS ZONE: CENTRAL 3102	UNITS: FT	THE COMBINED SCALE FACTOR FOR THIS SITE IS: 1.000000000
UNITS: FT		A SURVEY CONTROL REPORT IS AVAILABLE FOR THE CONTRACTOR'S USE AT THE REGIONAL D.O.T. OFFICE, UNDER FILE NUMBER - G 63302.06 OR FROM PROJECTWISE, REGION 2, P.I.N. 2LC1.31 SURVEY FOLDER

TABLE OF RIGHT OF WAY ACQUISITIONS

MAP NO(S).	PARCEL NO.(S)	TRN. NO.	REPUTED OWNER(S)	TYPE OF ACQUISITION	DWG. NO.(S)	AREA SQ. FT.	REMARKS
38T	45		LANDS OF THE PEOPLE OF THE STATE OF NEW YORK UNDER THE PRESENT JURISDICTION OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND THE EXECUTIVE DEPARTMENT, OFFICE OF PARKS, RECREATION AND HISTORIC PRESERVATION (ABANDONED BLACK RIVER CANAL)	C.U.O.	GP15-1	7,991±	
39T	46		LANDS OF THE PEOPLE OF THE STATE OF NEW YORK UNDER THE PRESENT JURISDICTION OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION	C.U.O.	GP15-1	7,337±	

R.O.W. MARKERS

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2. WHEN WORK IS COMPLETED UNDER THIS SECTION, THE CONTRACTOR SHALL PROVIDE A SIGNED COPY OF THIS SHEET TO THE EIC AT THE COMPLETION OF THE PROJECT.

@ STATION	OFFSET	ITEM 625.03	ITEM 625.04	ITEM 625.05
@ 1+29±	LEFT	1		
@ 3+36.18	LEFT	1		
@ 3+92.58	LEFT	1		
@ 5+44±	LEFT			1

EXISTING HIGHWAY & PROPERTY MONUMENTATION
MONUMENTATION FOUND PRIOR TO AND/OR DURING CONSTRUCTION

@ STATION	OFFSET	FOUND SIZE/TYPE	REESTABLISHMENT RECORD
@ 2+60.65	58.10' LEFT	CONCRETE MONUMENT	
@ 10+29.94 B.T.P.A.	4.65' RIGHT	CONCRETE MONUMENT	

AFFIX SEAL: S. ARTHUR ON: 6/4/2025	ALTERED BY: ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 46 OVER UNNAMED CREEK
S.H. 562 ROME - NORTHWESTERN, PART2 - ROUTE 46
CITY OF ROME
COUNTY: ONEIDA REGION: 2

PIN 2LC1.31
ROUTE 46

BRIDGES

CULVERTS
C270026

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15
BASELINE TIES AND BENCHMARKS
RIGHT OF WAY TABLES

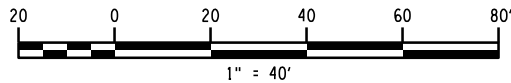
CONTRACT NUMBER
D265553

DRAWING NO. BLT15-1
SHEET NO. 27 27

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK M. CUCITI/V. GREGG
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE



MAINTENANCE JURISDICTION NOTES:

- 'PART NO.' IN THE TABLE REFERS TO CORRESPONDING CIRCLED NUMBER ON PLAN.
- PRIVATE ROADS AND DRIVEWAYS SHALL BE MAINTAINED BY THE OWNING AGENCY, MUNICIPALITY OR PRIVATE INDIVIDUAL(S) FROM THE EXTENSION OF THE OUTSIDE EDGE OF SHOULDER, OR BACK OF DITCH OF THE PUBLIC HIGHWAY TO THE LIMIT OF WORK AS SHOWN ON THE CONTRACT PLANS PURSUANT TO SECTION 10, SUBDIVISION 25, AND SECTION 54-A OF HIGHWAY LAW.

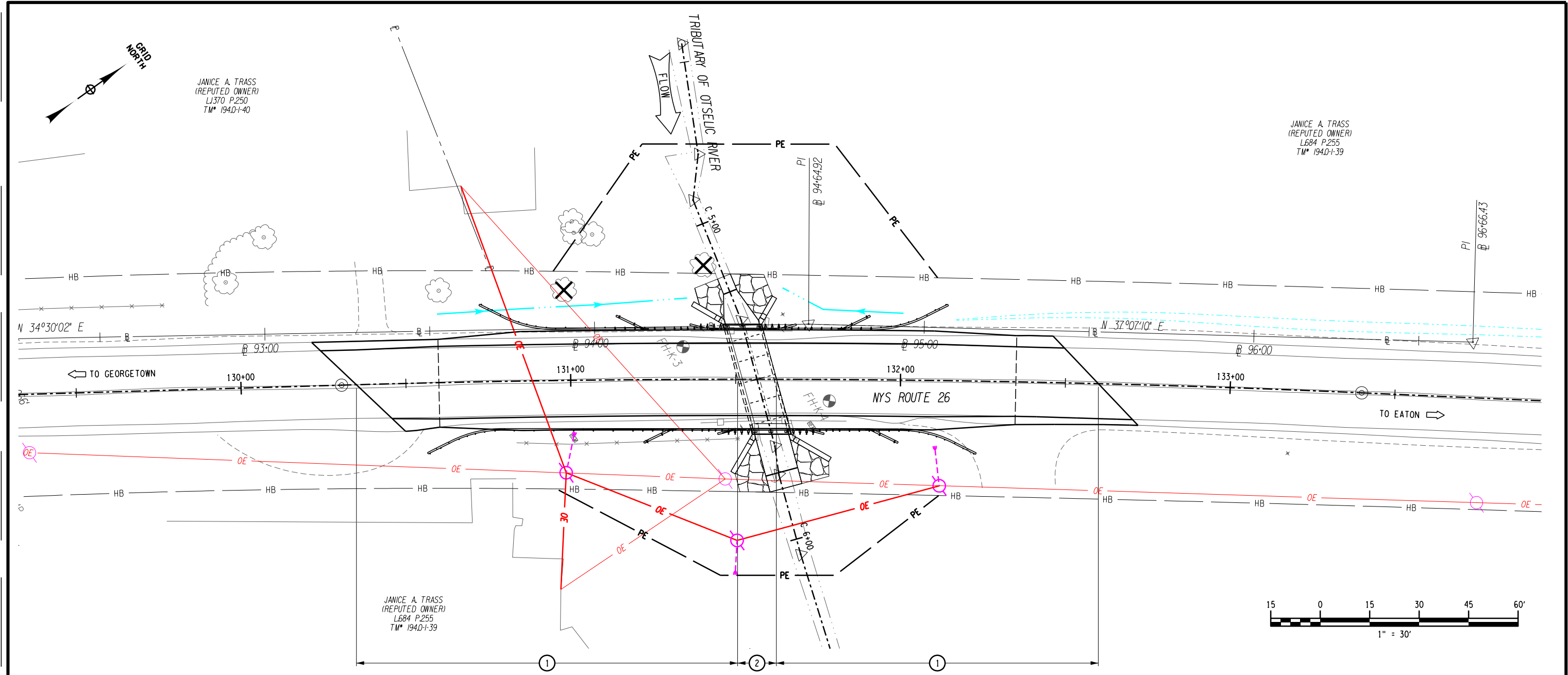
TABLE OF MAINTENANCE JURISDICTION									
PART NO.	HIGHWAY	LIMITS	FEATURES TO BE MAINTAINED	C MILES	LANE MILES	AGENCY	AUTHORITY	SNOW AND ICE CONTROL	
								AGENCY	AUTHORITY
CULVERT									
①	NYS ROUTE 46	241+54.82 TO 241+64.31	ALL FEATURES INCLUDING CULVERT SLIP LINE AND RIP RAP.	0.002	0.002	N.Y.S.D.O.T.	SECTION 233 HIGHWAY LAW	N.Y.S.D.O.T.	SECTION 12 HIGHWAY LAW

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REHABILITATION	PIN 2LC1.31	BRIDGES	CULVERTS C270037	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	ROUTE 46 OVER CLARK BROOK				D265553		
	S.H. 1355 NORTHWESTERN - BOONVILLE, PART 1				SITE 13 MAINTENANCE JURISDICTION PLAN	DRAWING NO.	MJP13-01
	TOWN OF AVA					SHEET NO.	28
	COUNTY: ONEIDA REGION: 2						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							Department of Transportation

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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



MAINTENANCE JURISDICTION NOTES:

1. 'PART NO.' IN THE TABLE REFERS TO CORRESPONDING CIRCLED NUMBER ON PLAN.
2. PRIVATE ROADS AND DRIVEWAYS SHALL BE MAINTAINED BY THE OWNING AGENCY, MUNICIPALITY OR PRIVATE INDIVIDUAL(S) FROM THE EXTENSION OF THE OUTSIDE EDGE OF SHOULDER, OR BACK OF DITCH OF THE PUBLIC HIGHWAY TO THE LIMIT OF WORK AS SHOWN ON THE CONTRACT PLANS PURSUANT TO SECTION 10, SUBDIVISION 25, AND SECTION 54-A OF HIGHWAY LAW.

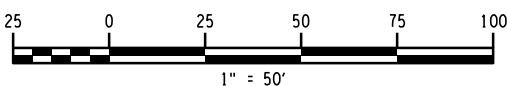
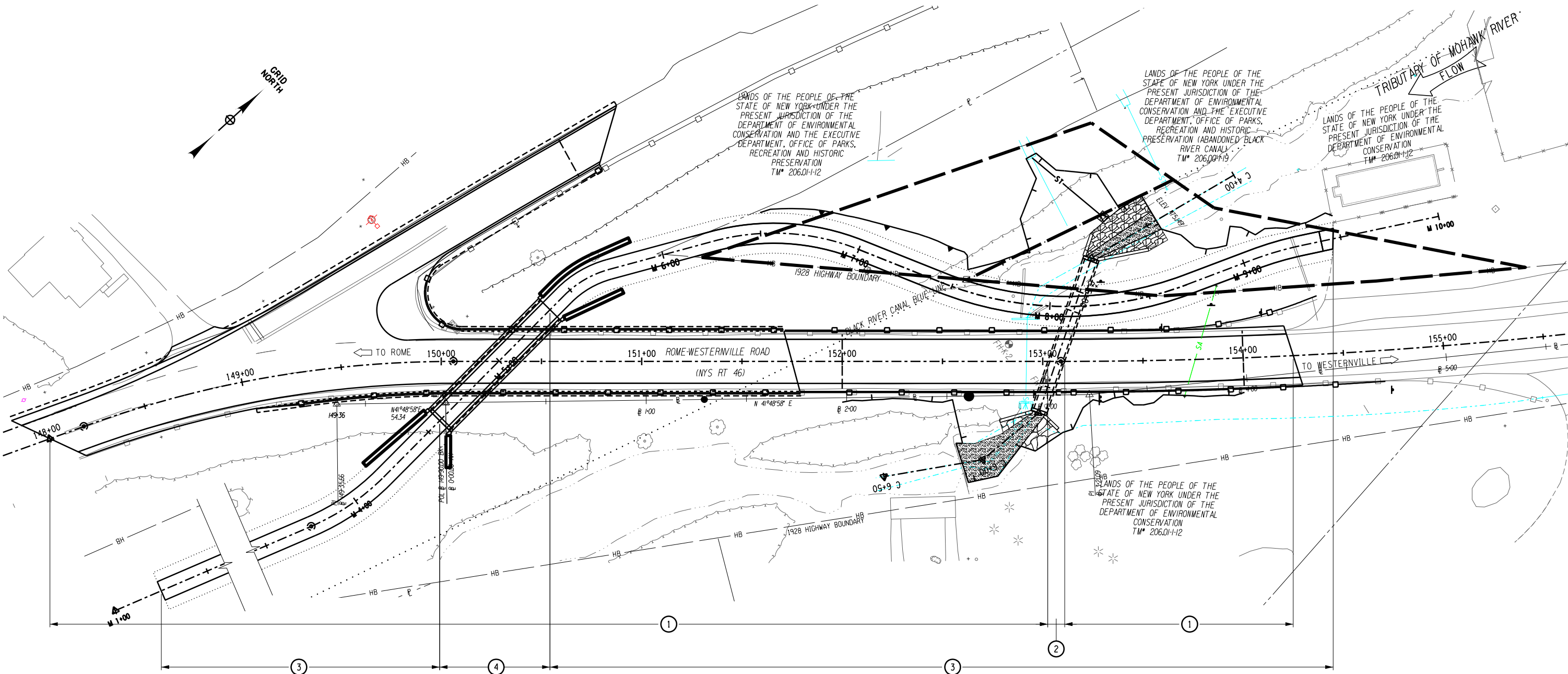
TABLE OF MAINTENANCE JURISDICTION									
PART NO.	HIGHWAY	LIMITS	FEATURES TO BE MAINTAINED	C MILES	LANE MILES	AGENCY	AUTHORITY	SNOW AND ICE CONTROL	
								AGENCY	AUTHORITY
HIGHWAY									
①	NYS ROUTE 26	130+35.00 TO 131+50.62 131+62.35 TO 132+60.00	ALL FEATURES INCLUDING PAVEMENT, DRAINAGE, DITCHES, STRIPING, SIGNS, AND GUIDE RAIL.	0.040	0.080	N.Y.S.D.O.T.	SECTION 12 HIGHWAY LAW	N.Y.S.D.O.T.	SECTION 12 HIGHWAY LAW
CULVERT									
②	NYS ROUTE 26	131+50.62 TO 131+62.35	ALL FEATURES INCLUDING BOX CULVERT, WINGWALLS, RIP RAP, AND RAILING.	0.002	0.004	N.Y.S.D.O.T.	SECTION 233 HIGHWAY LAW	N.Y.S.D.O.T.	SECTION 12 HIGHWAY LAW

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31	BRIDGES	CULVERTS C240033	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED SITE 14 MAINTENANCE JURISDICTION PLAN	CONTRACT NUMBER	
	ROUTE 26 OVER TRIBUTARY OF OTSELEC RIVER					D265553	
	S.H. 339 GEORGETOWN - ROUTES 26 & 80					DRAWING NO. MJP14-01 SHEET NO. 29	
	TOWN OF GEORGETOWN						
	COUNTY: MADISON REGION: 2						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							Department of Transportation

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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



MAINTENANCE JURISDICTION NOTES:

1. 'PART NO.' IN THE TABLE REFERS TO CORRESPONDING CIRCLED NUMBER ON PLAN.
2. PRIVATE ROADS AND DRIVEWAYS SHALL BE MAINTAINED BY THE OWNING AGENCY, MUNICIPALITY OR PRIVATE INDIVIDUAL(S) FROM THE EXTENSION OF THE OUTSIDE EDGE OF SHOULDER, OR BACK OF DITCH OF THE PUBLIC HIGHWAY TO THE LIMIT OF WORK AS SHOWN ON THE CONTRACT PLANS PURSUANT TO SECTION 10, SUBDIVISION 25, AND SECTION 54-A OF HIGHWAY LAW.
3. ALL EXISTING SANITARY SEWERS AND OTHER SEWERS NOT DEEMED TO BE PART OF THE PROJECT BY THE COMMISSIONER, WATERMAINS, HYDRANTS AND OTHER MUNICIPALLY OR PRIVATELY OWNED FACILITIES WITHIN THE LIMITS OF THE HIGHWAY ROW WHICH REMAIN IN SERVICE UNCHANGED, AND ALL SUCH FACILITIES RELOCATED OR PROTECTED AS A PART OF THE ROW, SHALL BE MAINTAINED AS THE CASE MAY BE, BY THE MUNICIPALITY OR BY THE AGENCY OR UNIT OWNING OR HAVING CONTROL AND JURISDICTION THEREOF AT NO COST OR EXPENSE TO THE STATE.

TABLE OF MAINTENANCE JURISDICTION									
PART NO.	HIGHWAY	LIMITS	FEATURES TO BE MAINTAINED	C MILES	LANE MILES	AGENCY	AUTHORITY	SNOW AND ICE CONTROL	
								AGENCY	AUTHORITY
HIGHWAY									
①	NYS ROUTE 46	148+00 TO 153+02.52 153+10.97 TO 154+25	ALL FEATURES INCLUDING PAVEMENT, DRAINAGE, DITCHES, STRIPING, SIGNS, AND GUIDE RAIL.	0.117	0.234	N.Y.S.D.O.T.	SECTION 12 HIGHWAY LAW	N.Y.S.D.O.T.	SECTION 12 HIGHWAY LAW
CULVERT									
②	NYS ROUTE 46	153+02.52 TO 153+10.97	ALL FEATURES INCLUDING BOX CULVERT, WINGWALLS AND RIP RAP.	0.002	0.004	N.Y.S.D.O.T.	SECTION 233 HIGHWAY LAW	N.Y.S.D.O.T.	SECTION 12 HIGHWAY LAW
MOHAWK RIVER TRAIL									
③	MOHAWK RIVER TRAIL	M 1+25 TO M 4+58 M 5+36 TO M 9+40	ALL FEATURES INCLUDING TRAIL, SIGNS, LIGHTING, DRAINAGE, DITCHES, WALLS.	0.139	0.139	CITY OF ROME	SECTION 10 HIGHWAY LAW	CITY OF ROME	SECTION 12 HIGHWAY LAW
MOHAWK RIVER TRAIL CULVERT									
④	MOHAWK RIVER TRAIL	M 4+58 TO M 5+36	ALL FEATURES INCLUDING TUNNEL, AND WINGWALLS.	0.015	0.015	CITY OF ROME	SECTION 10 SUBSECTION 25 HIGHWAY LAW BY CITY RESOLUTION	CITY OF ROME	SECTION 12 HIGHWAY LAW

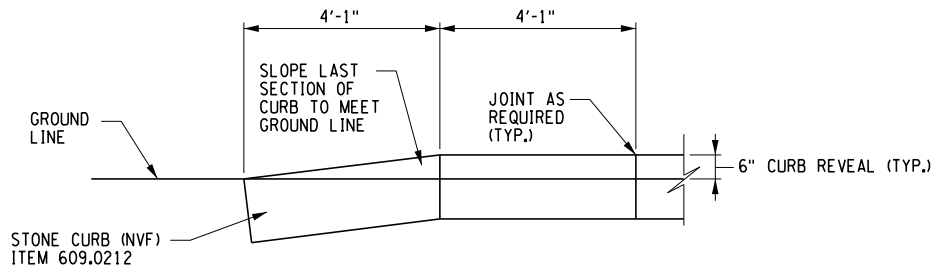
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553			
	ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER								
	S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46								
	CITY OF ROME								
COUNTY: ONEIDA		REGION: 2							
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						NEW YORK STATE Department of Transportation			

SITE 15
MAINTENANCE JURISDICTION PLAN
DRAWING NO. MJP15-01
SHEET NO. 30

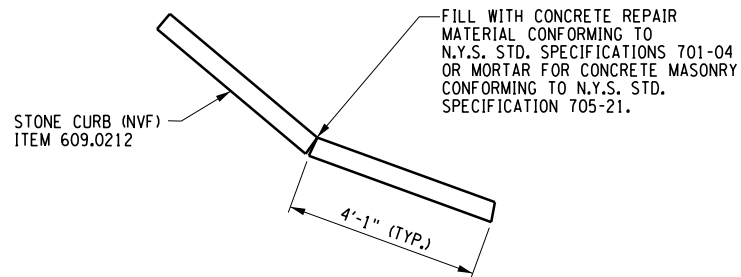
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TIME = 1:24:37 PM

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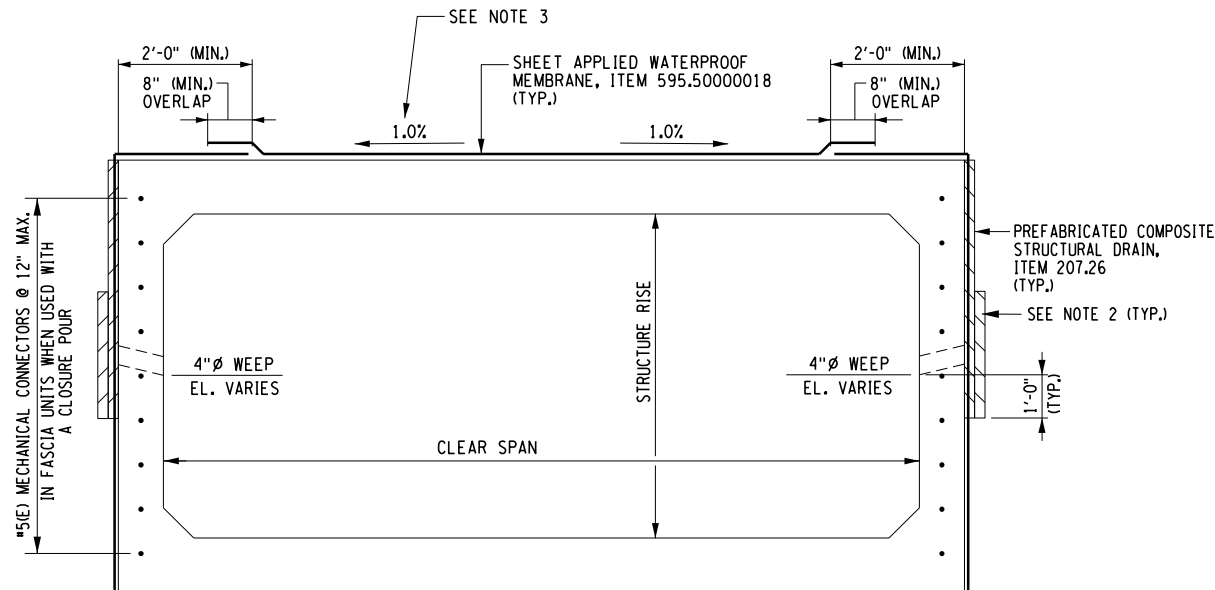
DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK W. KANIECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE



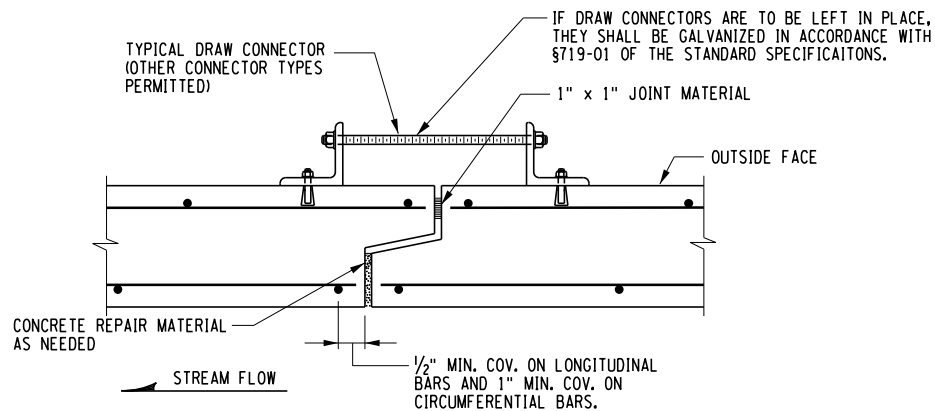
CURB ELEVATION SECTION



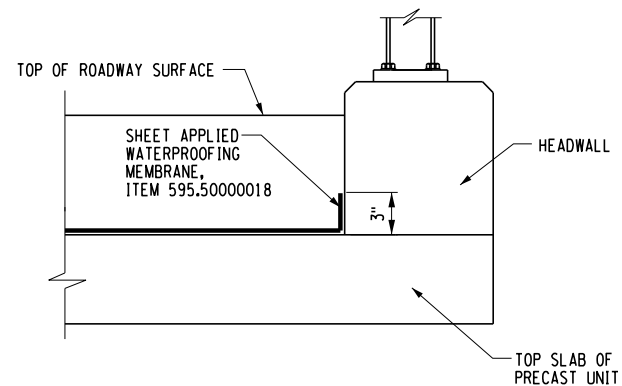
ALTERNATIVE CURB JOINT DETAIL



BOX UNIT DETAIL
NTS



SAMPLE BOX UNIT JOINT DETAIL
NTS



WATERPROOF MEMBRANE AT HEADWALL
NTS

NOTES:

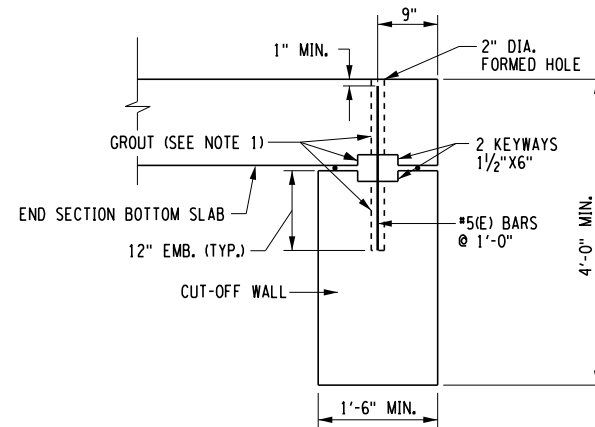
1. WHEN SPLICES ARE REQUIRED IN THE WATERPROOFING MEMBRANE, LOCATE AS SHOWN.
2. DRAINS WITH AN IMPERMEABLE CORE SHALL HAVE THE IMPERMEABLE PORTION REMOVED AT WEEPHOLE LOCATIONS WITHOUT DAMAGING THE GEOTEXTILE. ALL WEEPHOLE LOCATIONS SHALL BE REINFORCED BY AN ADDITIONAL 2'X2' SECTION OF STRUCTURAL DRAIN PLACED ON THE SOIL SIDE.
3. TOP OF BOX UNITS FOR CULVERTS C240033 AND C270026 SHALL BE CROWNED.

AFFIX SEAL: ON:	ALTERED BY: ON:

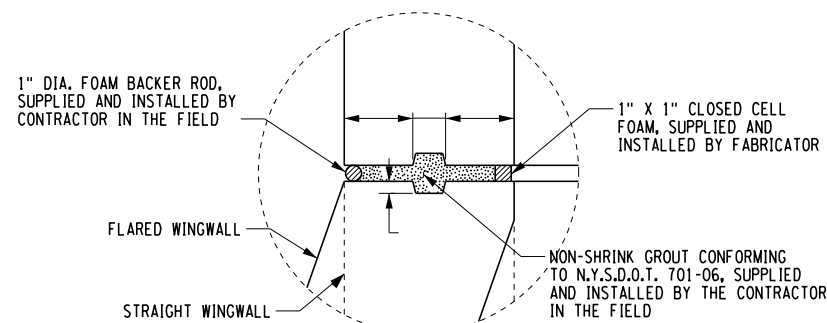
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS CONTRACT 6 S.H. 1355, S.H. 339, S.H. 562 AVA, GEORGETOWN, CITY OF ROME COUNTY: ONEIDA, MADISON	PIN 2LC1.31	BRIDGES	CULVERTS C270037 C240033 C270026	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED ALL SITES MISCELLANEOUS DETAILS (SHEET 1 OF 2)	CONTRACT NUMBER D265553	DRAWING NO. MSD-01	SHEET NO. 31
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.								

CUT-OFF WALL NOTES:

1. DOWEL BARS USED TO ATTACH THE CUT-OFF WALL TO THE BOX CULVERT SHALL BE DRILLED AND GROUTED PER THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 586 EXCEPT THE GROUT SHALL MEET THE REQUIREMENTS OF §701-06. THE KEYWAY SHALL BE GROUTED WITH THE SAME MATERIAL AS THE DOWELS. PLACE A BEAD OF CAULK, CLOSED CELL FOAM OR OTHER SUITABLE MATERIAL ON BOTH SIDES OF THE KEYWAY TO CONTAIN THE GROUT.



CUT-OFF WALL DETAIL
NTS

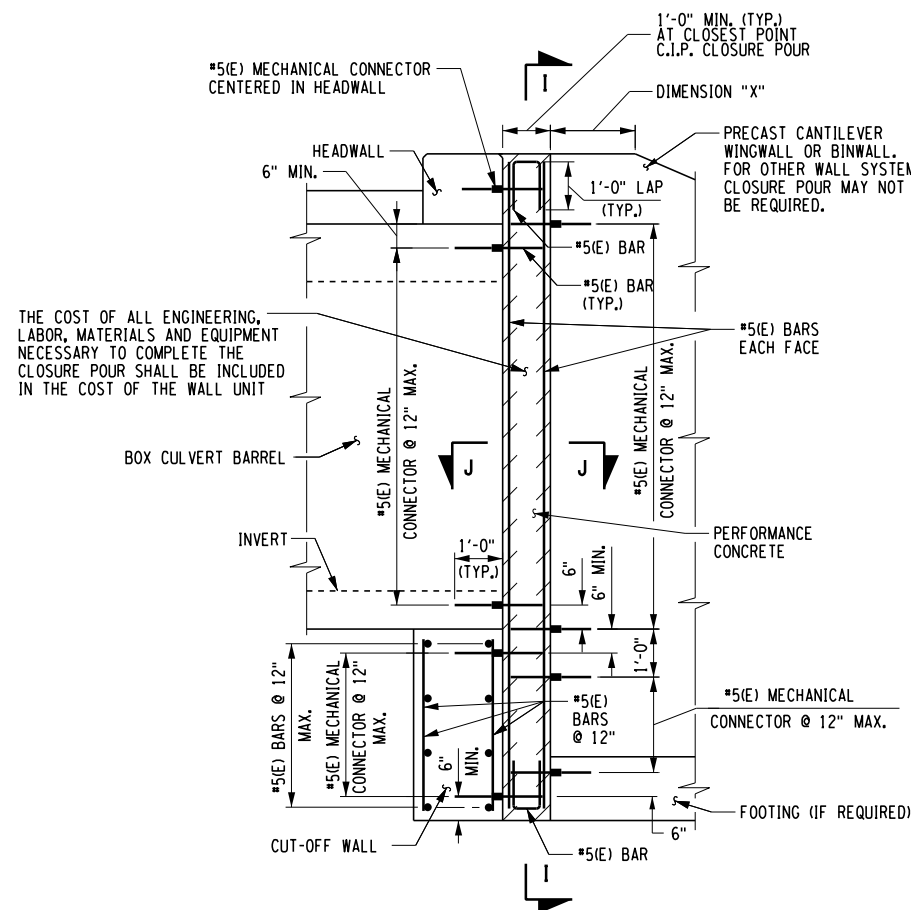


JOINT DETAIL

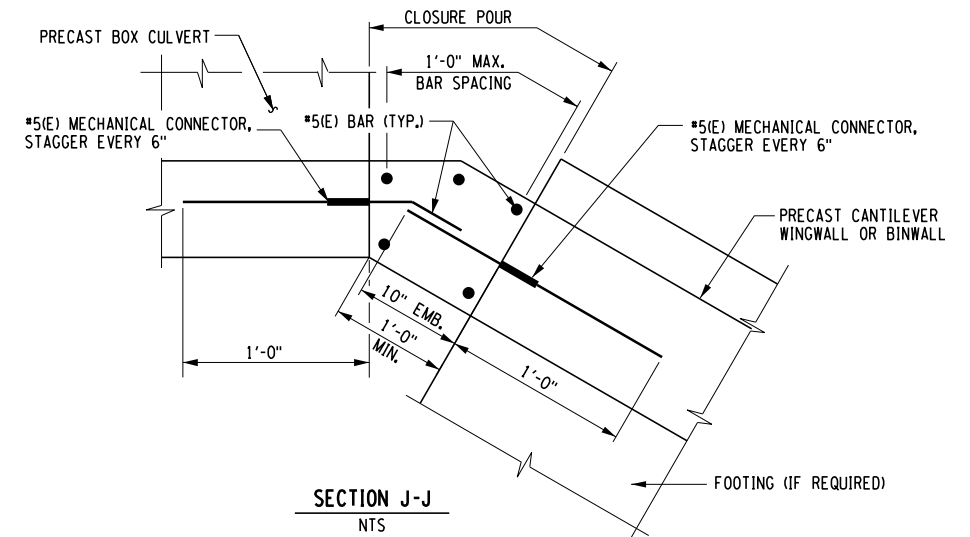
THIS DETAIL SHOWN IS AN EXAMPLE. OTHER DETAILS
MAY BE PROPOSED FOR EVALUATION BY THE STATE.

PRECAST WINGWALL NOTES:

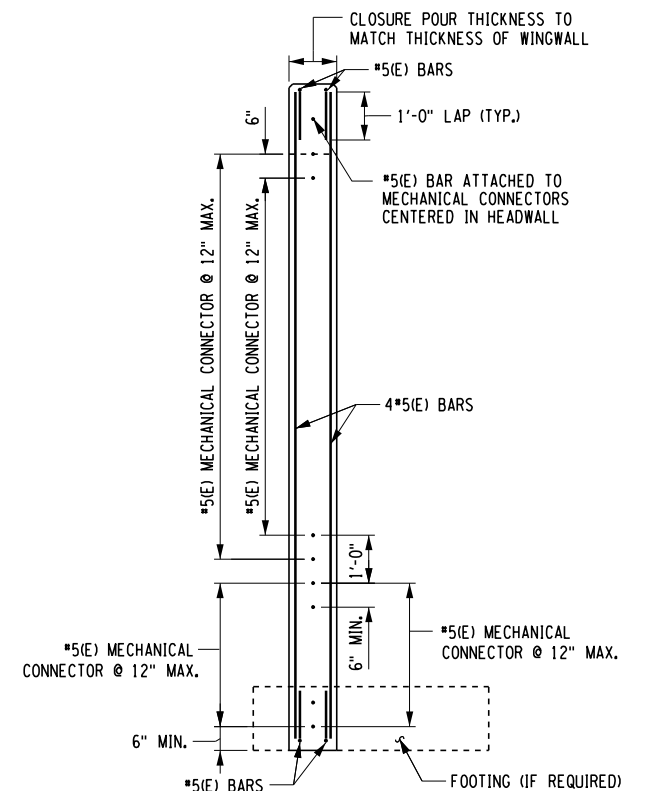
1. TALL WALLS WITH FOOTINGS MAY USE A DOWEL BAR LAPPED TO A VERTICAL BAR.
2. BAR SIZE AND SPACING TO BE DETERMINED BY CONTRACTOR.
3. ACTUAL WALL THICKNESS AND FOOTING DIMENSIONS TO BE DETERMINED BY CONTRACTOR.
4. BASED ON HANDLING AND SHIPPING CONSTRAINTS, THE CONTRACTOR MAY ELECT TO USE MULTIPLE WINGWALL UNITS TO SATISFY WALL LENGTH REQUIRED ON THE PLANS. THE JOINT DETAIL BETWEEN WINGWALL UNITS SHALL BE IN ACCORDANCE WITH JOINT DETAIL.
5. TEMPERATURE/SHRINKAGE REINFORCEMENT PROVIDED SHALL BE CHECKED BY THE CONTRACTOR TO BE IN COMPLIANCE WITH THE CURRENT DESIGN SPECIFICATIONS.
6. WHERE EPOXY COATED THREADED INSERTS ARE SHOWN, ANY NON-CORROSIVE MECHANICAL CONNECTOR MEETING §709-10 MAY BE USED AS ALTERNATIVE.
7. ALL REINFORCEMENT COVER ON CAST IN PLACE CONCRETE SHALL BE 2" UNLESS NOTED OTHERWISE.
8. ALL REINFORCEMENT COVER ON PRECAST UNITS SHALL BE 1" UNLESS NOTED OTHERWISE.



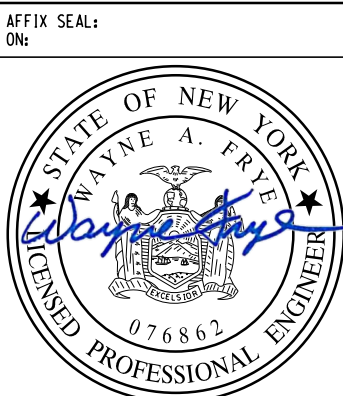
CLOSURE POUR DETAIL
NTS



SECTION J-J
NTS



SECTION 1-1
CLOSURE POUR REINFORCEMENT SECTION
NTS

AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS	PIN 2LC1.31	BRIDGES	CULVERTS C270037 C240033 C270026	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	CONTRACT 6				D265553		
	S.H. 1355, S.H. 339, S.H. 562				ALL SITES MISCELLANEOUS DETAILS (SHEET 2 OF 2)	DRAWING NO.	MSD-02
	AVA, GEORGETOWN, CITY OF ROME					SHEET NO.	32
	COUNTY: ONEIDA, MADISON REGION: 2						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							Department of Transportation

GUIDE RAIL NEW INSTALLATION TABLE						ITEM QUANTITIES		
FROM STATION	TO STATION	SIDE	LENGTH	FACTOR	COMMENTS	606.10	606.120102	606.120201
SITE 14								
131+90.9	131+93.9	LT	3.0	1.0	North			1
130+95.6	131+13.6	LT	18.0	1.0	West	18		1
130+79.7	131+21.7	RT	42.0	1.0	South	42		1
131+99.7	132+02.7	RT	3.0	1.0	East			1
SITE 15								
151+74.0	153+60.0	LT	198.0	1.0	North	180	1	
151+74.0	154+69.9	RT	306.0	1.0	South, replace end piece	288		
153+03.0	153+21.0	LT	18.0	1.3	North rail over culvert	23		
152+92.5	153+10.5	RT	18.0	1.3	South rail over culvert	23		
SITE 15 - MRT (PIN 2650.61) - SEE DWG. MTMRT-01								
						575	1	4

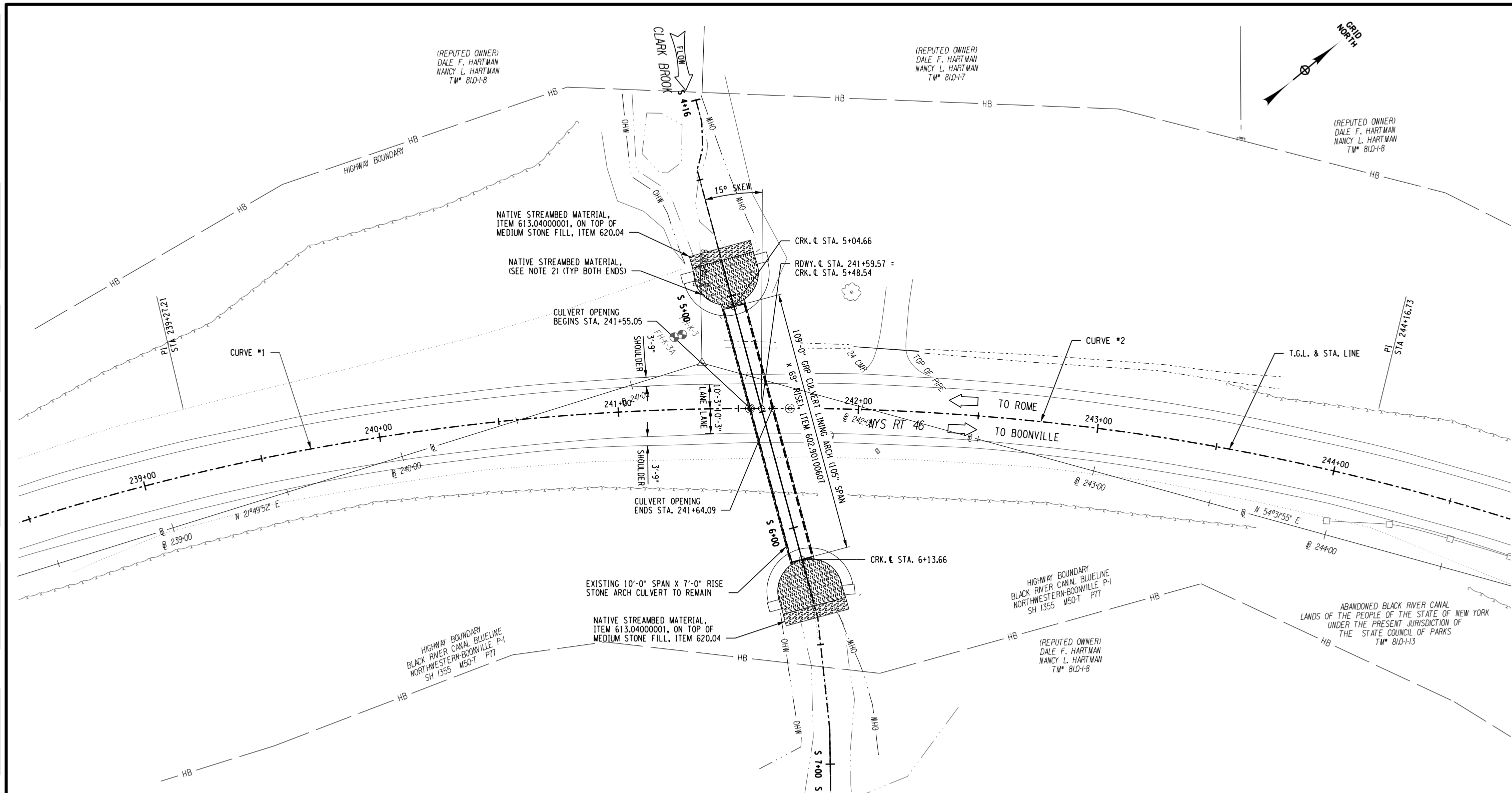
GUIDE RAIL REMOVAL TABLE						ITEM QUANTITIES
FROM STATION	TO STATION	SIDE	LENGTH	FACTOR	COMMENTS	606.73
SITE 14						
					PAID FOR UNDER ITEM 206.01	
SITE 15						
151+74.0	153+60.0	LT	277.0	1.0	North	277
151+74.0	154+69.9	RT	385.0	1.0	South	306
SITE 15 - MRT (PIN 2650.61) - SEE DWG. MTMRT-01						
						583

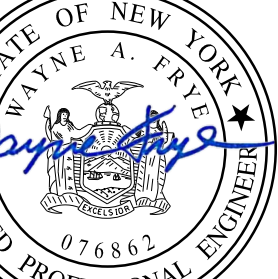
ITEM 685.1102 WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MIL								
FROM STATION	TO STATION	SIDE	QTY	TYPE	LENGTH (FT)	WIDTH (IN)	PAYMENT FACTOR	PAYABLE LENGTH
SITE 14								
130+00	132+75	LT	1	WEL	275.00	6.0	1.5	412.5
130+00	132+75	RT	1	WEL	275.00	6.0	1.5	412.5
SITE 15								
151+75	154+50	LT	1	WEL	275.00	6.0	1.5	412.5
151+75	154+50	RT	1	WEL	275.00	6.0	1.5	412.5
SITE 15 - MRT (PIN 2650.61) - SEE DWG. MTMRT-01								
TOTALS:								1650

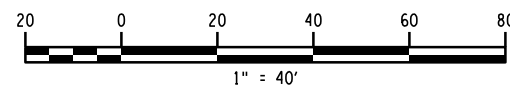
ITEM 685.1202 YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MIL								
FROM STATION	TO STATION	SIDE	QTY	TYPE	LENGTH (FT)	WIDTH (IN)	PAYMENT FACTOR	PAYABLE LENGTH
SITE 14								
130+00	132+75	CL	2	YFBL	550.00	4.0	1	550.0
SITE 15								
151+75	154+50	CL	2	YFBL	550.00	4.0	1	550.0
SITE 15 - MRT (PIN 2650.61) - SEE DWG. MTMRT-01								
TOTALS:								1100

AFFIX SEAL: ON:		ALTERED BY: ON:	
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	
		LARGE CULVERT REPLACEMENTS AT MULTIPLE LOCATIONS	
		CONTRACT 6	
		S.H. 1355, S.H. 339, S.H. 562	
		AVA, GEORGETOWN, CITY OF ROME	
		COUNTY: ONEIDA, MADISON REGION: 2	
		PIN 2LC1.31	
		BRIDGES	
		CULVERTS C270037 C240033 C270026	
		ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	
		ALL SITES MISCELLANEOUS TABLES	
		CONTRACT NUMBER D265553	
		DRAWING NO. MT-01 SHEET NO. 33	
		 Department of Transportation	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

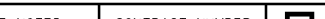


AFFIX SEAL: ON:	ALTERED BY: ON:
	



1. REFER TO CUL13-04 FOR EROSION CONTROL MEASURES.
2. EXCAVATE AS NEEDED FOR THE INSTALLATION OF GRP LINER SEGMENTS, REPLACE WITH NATIVE STREAMBED MATERIAL ITEM 613.04000001.

CURVE #1		CURVE #2	
P.I.	STA. 239+27.21	P.I.	STA. 244+16.73
L _c	463.75 FT	L _c	481.14 FT
R	1000.00 FT	R	1000.00 FT

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REHABILITATION	PIN 2LC1.31	BRIDGES	CULVERTS C270037	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER		
	ROUTE 46 OVER CLARK BROOK				SITE 13 GENERAL PLAN	D265553		
	S.H. 1355 NORTHWESTERN - BOONVILLE, PART 1					DRAWING NO.		PL13-01
	TOWN OF AVA					SHEET NO.		35
	COUNTY: ONEIDA					REGION: 2		
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.								

INDEX		
SHEET NO.	DESCRIPTION	DRAWING NO.
37	NOTES & INDEX	CUL13-01
38	CULVERT PLAN & SECTION	CUL13-02
39	CULVERT TRANSVERSE SECTION	CUL13-03
40	EXCAVATION PLAN, SECTION, AND EROSION CONTROL MEASURES	CUL13-04

GENERAL / CULVERT LINING NOTES:

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.

THE LENGTH OF EACH STRUCTURE SEGMENT SHALL BE DETERMINED BY THE CONTRACTOR. DEPTH OF COVER OVER THE CULVERT BEING RELINED VARIES AND THE WATER TABLE IS ESTIMATED AT 13 FEET BELOW GRADE AT THE ROADWAY.

A BEVEL SHALL BE FORMED AROUND THE ENTIRE CIRCUMFERENCE OF THE INLET.

SKIDS MAY BE INSTALLED ALONG ARCH CULVERT AND TIMBER FLOOR TO FACILITATE INSTALLATION. NEW INVERTS SHALL BE RAISED BY LEAST EXTENT POSSIBLE AND STILL PROVIDE A MINIMUM ANNULAR SPACE OF 1 INCH FOR GROUTING BETWEEN THE NEW AND EXISTING CULVERTS.

REFER TO NYSDOT STANDARD SPECIFICATIONS SECTION 602 FOR CLEANING, PREPARATION, AND INSPECTION OF EXISTING ARCH CULVERT PRIOR TO LINING OPERATION, PAID FOR UNDER ITEM 602.90100607.

DUE TO CHANGING FIELD CONDITIONS, PRIOR TO ORDERING LINER, AND AFTER CLEARING SOIL FROM THE CULVERT INTERIOR, CONTRACTOR SHALL VERIFY THE RISE, SPAN, AND LENGTH; AND MINIMUM RADIUS OF THE CULVERT, COST TO BE INCLUDED IN THE UNIT PRICE FOR ITEM 602.90100607.

THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE STATE, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE OR WHICH ARE TO REMAIN THE PROPERTY OF THE STATE, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.

THE PIPE LINER IS REQUIRED TO POSSESS ADEQUATE STRUCTURAL CAPACITY TO CARRY THE ENTIRE CALCULATED DEAD LOAD AND HL-93 LIVE LOADING (PROVIDING A MINIMUM 1.2 INVENTORY RATING FACTOR).

THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE GROUT, DEBRIS AND OTHER MATERIAL TO THE AREA BELOW THE CULVERT. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED. ALL MATERIAL FALLING ON THE AREA BELOW AND AJACENT TO THE CULVERT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO COST TO THE STATE.

FINAL PLACEMENT OF THE PROPOSED LINER SHALL BE A.O.B.E.

FOR DETAILS SEE SHEETS MSD-01 THROUGH MSD-03.

HYDRAULIC NOTES:

THE COST OF DEWATERING THE ENTIRE EXCAVATION, REGARDLESS OF THE SOURCE OF WATER, SHALL BE PAID UNDER ITEM 602.90100607.

ORDINARY HIGH-WATER IS ESTIMATED TO BE 774.82. ORDINARY HIGH-WATER IS DEFINED AS THE WATER SURFACE ELEVATION FOR THE MEAN ANNUAL FLOOD, WHICH IS THE FLOOD THAT HAS A RECURRENCE INTERVAL OF 2 YEARS.

ORDINARY WATER IS ESTIMATED TO BE 768.90. ORDINARY WATER IS DEFINED AS THE HIGHEST SURFACE WATER ELEVATION LIKELY TO BE ENCOUNTERED DURING ONE CONSTRUCTION SEASON (EXCLUDING MAJOR FLOODS). IT IS ALWAYS LESS THAN THE ORDINARY HIGH-WATER ELEVATION AND IT IS USUALLY AN OBSERVED ELEVATION RATHER THAN A COMPUTED ONE.

LOW WATER IS ESTIMATED TO BE 768.00. LOW WATER IS DEFINED AS THE NORMAL LOW WATER ELEVATION PREVALENT DURING ONE CONSTRUCTION SEASON FOR MORE THAN 25% OF THE TIME. IT IS AN OBSERVED ELEVATION RATHER THAN A COMPUTED ONE.

THE 2-YEAR STORM EVENT HAS A FLOW OF 262.80 CFS.

THE 50-YEAR STORM EVENT HAS A FLOW OF 608.40 CFS.

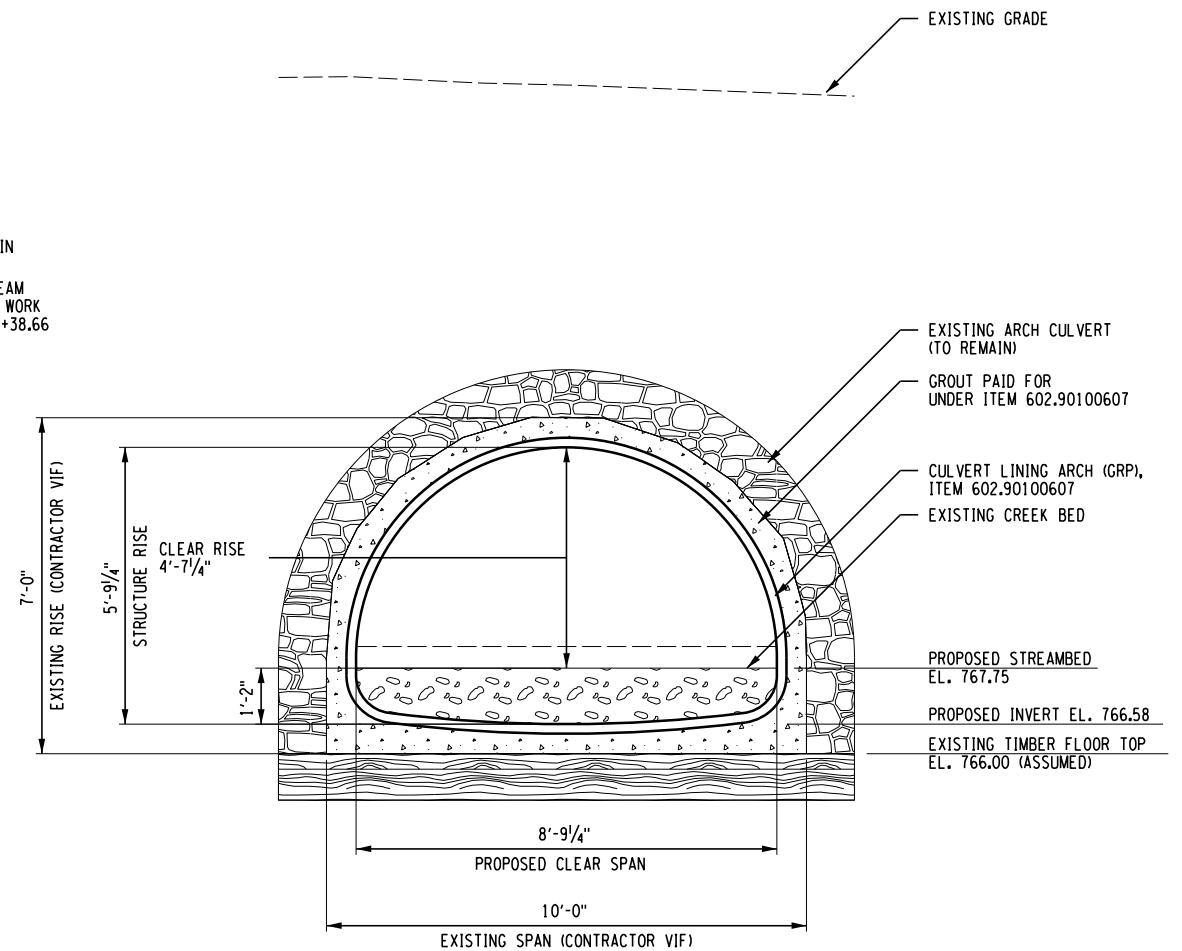
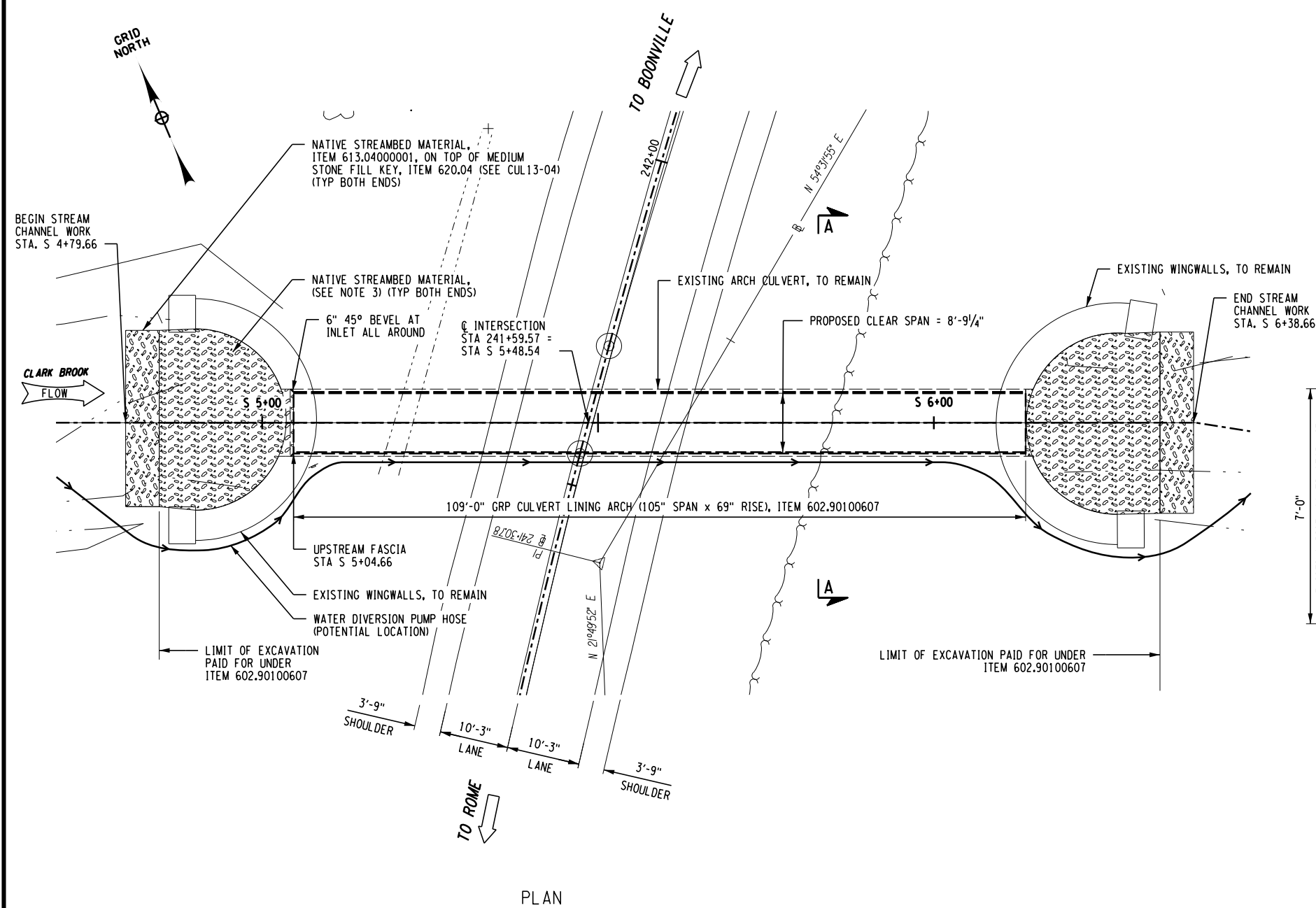
STREAM PROTECTION

DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THE WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM A STREAM, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM REQUIRED TO PROECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM.

FOUNDATION NOTES:

THE CONTRACTOR SHALL TAKE CARE TO PROTECT THE TIMBER FLOORING BELIEVED TO EXIST BELOW THE EXISTING STRUCTURE. THE CONTRACTOR SHALL NOT PLACE STONE FILL OVER THE TIMBER FLOOR. IF TIMBER FLOORING IS DISCOVERED TO EXIST WITHIN THE EXCAVATION LIMITS SHOWN, THE LIMITS SHALL BE ADJUSTED A.O.B.E.

AFFIX SEAL: ON:		ALTERED BY: ON:											
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		LARGE CULVERT REHABILITATION		PIN 2LC1.31	BRIDGES	CULVERTS C270037	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265553		
				ROUTE 46 OVER CLARK BROOK					SITE 13 NOTES & INDEX		DRAWING NO. CUL13-01 SHEET NO. 36		
				S.H. 1355 NORTHWESTERN - BOONVILLE, PART 1									
				TOWN OF AVA									
				COUNTY: ONEIDA		REGION: 2		IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					



SECTION A-A
SCALE: 1/4" = 1'-0"

ARCH CULVERT DESIGN DATA	
• MIN. FILL HEIGHT, ft.	2'-9"
• MAX. FILL HEIGHT, ft.	8'-0"
CLEAR SPAN, ft.	8'-9 1/4"
STRUCTURE RISE, ft.	5'-9 1/4"
SKEW ANGLE ⊥ TO Q. OF ROADWAY, DEG.	15°
LIVE LOAD	HL93 W/LRFR INV. FACTOR ≥ 1.2
RAILING / BARRIER TEST LEVEL	TL-4

LOAD RATING (LFD)		
INVENTORY	HS	TONS
OPERATING	HS	TONS
LRFR RATING FACTORS		
INVENTORY	HL-93	
OPERATING	HL-93	

NOTES:

- | | | | |
|----|---|----|--|
| 1. | THE LOAD RATING TABLE SHALL BE FILLED IN BY THE EIC FROM INFORMATION RECEIVED FROM THE CONTRACTOR AFTER REVIEW AND APPROVAL BY THE DCS. THE SUBMITTED LOAD RATING INFORMATION SHALL BE IN ACCORDANCE WITH THE AASHTO "MANUAL FOR BRIDGE EVALUATION" WITH ALL INTERIM PROVISIONS IN EFFECT. THE CONTRACTOR SHALL PROVIDE LOAD RATINGS IN BOTH THE LOAD FACTOR RATING (LFD) METHOD AND THE LOAD AND RESISTANCE FACTOR RATING (LRRF) METHOD. THE CONTRACTOR SHALL ALSO PROVIDE ALL LOAD RATING COMPUTATIONS TO THE REGIONAL STRUCTURES ENGINEER. | 4. | LOCATION OF WATER DIVERSION STRUCTURE AND PUMP HOSE TO BE DETERMINED BY THE CONTRACTOR. |
| 2. | REFER TO NYSDOT STANDARD SPECIFICATIONS SECTION 602 FOR CLEANING, PREPARATION, AND INSPECTION OF EXISTING ARCH CULVERT PRIOR TO LINING OPERATION. | 5. | ALL WORK REQUIRED TO ADEQUATELY DEWATER THE SITE SHALL BE DONE IN ACCORDANCE WITH STANDARD SPEC SECTION 553 UNLESS OTHERWISE SPECIFIED OR DIRECTED BY THE ENGINEER. PAYMENT SHALL BE INCLUDED UNDER ITEM 602.90100607. ACTUAL METHODS SHALL BE APPROVED BY THE ENGINEER OR AS REQUIRED BY OTHER REGULATOR AGENCIES OR PERMITTING DOCUMENTS. |
| 3. | EXCAVATE AS NEEDED FOR THE INSTALLATION OF GRP LINER SEGMENTS, REPLACE WITH NATIVE STREAMBED MATERIAL. ITEM 613.04000001. | 6. | THE CONTRACTOR SHOULD NOTE THAT THE PUMPING OPERATIONS MAY REQUIRE THE USE OF EQUIPMENT OR METHODS WHICH WILL FILTER THE WATER PRIOR TO PUTTING IT BACK INTO THE STREAM. |
| | | 7. | THE CONTRACTOR SHALL MAINTAIN THE FLOW OF THE STREAMS AS NECESSARY TO KEEP THE EXCAVATIONS AND WORK AREA FREE FROM WATER. UNDER NO CIRCUMSTANCES SHALL THE MAINTENANCE OF STREAM FLOW BY THE CONTRACTOR MINIMIZE DOWNSTREAM FLOW SUCH THAT AQUATIC LIFE DOWNSTREAM IS DESTROYED. THE DETERMINATION AS TO THE AFFECT ON AQUATIC LIFE DOWNSTREAM SHALL BE MADE BY THE N.Y.S.D.O.T. |

LEGEND

EXISTING GROUND SURFACE

NATIVE STREAMBED MATERIAL,
(ITEM 613.04000001)

GROUT PAID FOR UNDER
ITEM 602.90100607

TEMPORARY WATER DIVERSION
STRUCTURE (SEE NOTE 4)

AFFIX SEAL:
ON:

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REHABILITATION

ROUTE 46 OVER CLARK BROOK

S.H. 1355 NORTHWESTERN - BOONVILLE, PART 1

TOWN OF AVA

REGION: 2

PIN 2LC1.31

BRIDGES

CULVERTS
C270037

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 13

CULVERT PLAN & SECTION

CONTRACT NUMBER	
D265553	

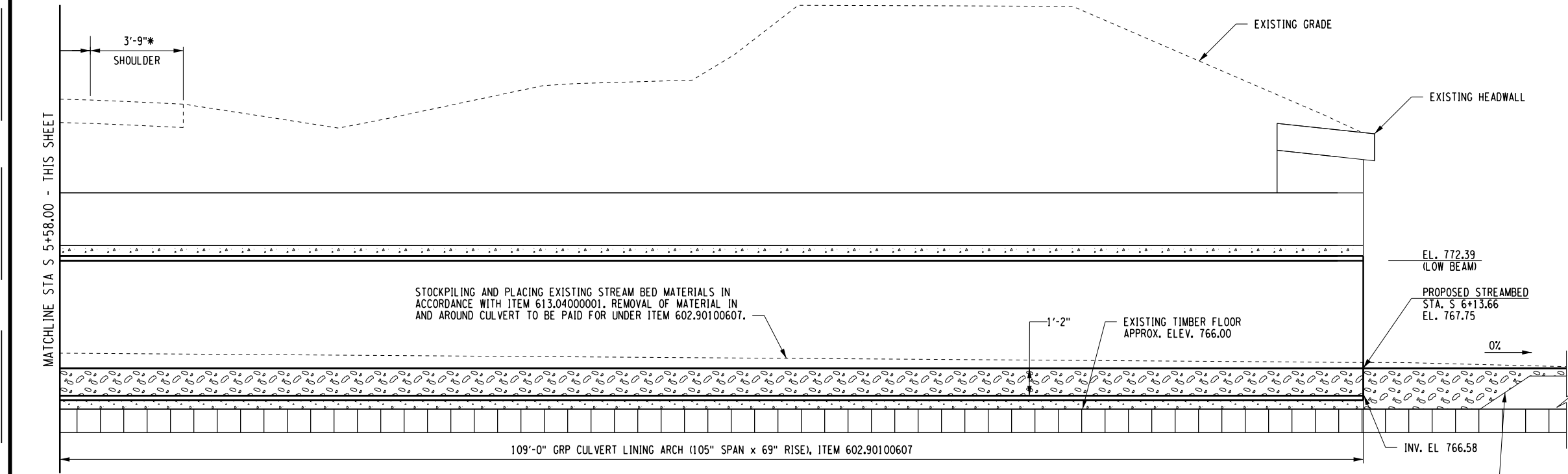
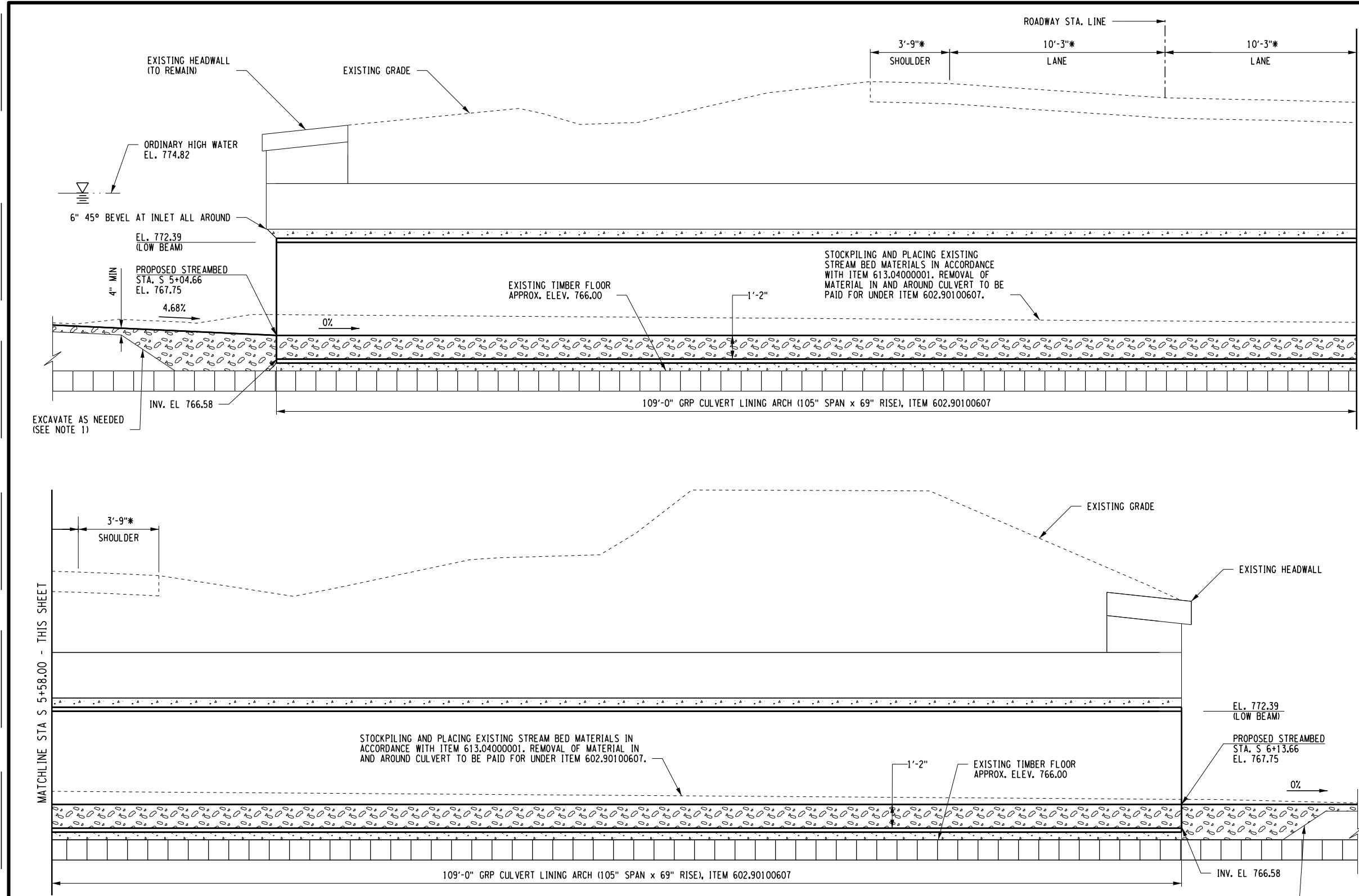
DRAWING NO. CUL13-02
SHEET NO. 37

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



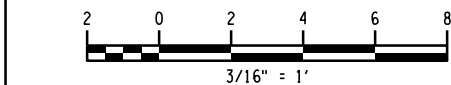
LEGEND

- EXISTING GROUND SURFACE
- NATIVE STREAMBED MATERIAL, ITEM 613.04000001
- GROUT PAID FOR UNDER ITEM 602.90100607

NOTES:

- CONTRACTOR SHALL EXCAVATE AT BOTH ENDS OF THE EXISTING CULVERT AS NEEDED TO INSTALL THE PROPOSED GRP SLIPLINE STRUCTURE, USING METHODS MEETING THE REQUIREMENTS OF ITEM 206.01, AND RESTORE TO FINAL GRADE USING MIN 4" NATIVE STREAMBED MATERIAL, ITEM 613.04000001. CONTRACTOR SHALL TAKE CARE NOT TO DISTURB THE EXISTING TIMBER FLOOR WHEN PERFORMING EXCAVATIONS.
- * DENOTES DIMENSION IS MEASURED PERPENDICULAR TO OVER ROADWAY.

AFFIX SEAL: ON:	ALTERED BY: ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REHABILITATION ROUTE 46 OVER CLARK BROOK S.H. 1355 NORTHWESTERN - BOONVILLE, PART 1 TOWN OF AVA COUNTY: ONEIDA REGION: 2	PIN 2LC1.31	BRIDGES	CULVERTS C270037	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553	
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					SITE 13 CULVERT TRANSVERSE SECTION	DRAWING NO. CUL13-03 SHEET NO. 38	

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DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK W. KANIECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE

AFFIX SEAL:
ON:

WAYNE A. FRYE

076862

076862

STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REHABILITATION

ROUTE 46 OVER CLARK BROOK

S.H. 1355 NORTHWESTERN - BOONVILLE, PART 1

TOWN OF AVA

COUNTY: ONEIDA

REGION: 2

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NOTES:

- CONTRACTOR SHALL EXCAVATE AT BOTH ENDS OF THE EXISTING CULVERT AS NEEDED TO INSTALL THE PROPOSED GRP SLOPLINE STRUCTURE, USING METHODS MEETING THE REQUIREMENTS OF ITEM 206.01, AND RESTORE TO FINAL GRADE USING MIN 4" NATIVE STREAMBED MATERIAL, ITEM 613.04000001, EXCAVATION PAID FOR UNDER ITEM 602.90100607. CONTRACTOR SHALL TAKE CARE NOT TO DISTURB THE EXISTING TIMBER FLOOR WHEN PERFORMING EXCAVATIONS.
- CONTRACTOR SHALL TAKE CARE NOT TO DISTURB THE EXISTING TIMBER FLOOR WHEN PERFORMING TRENCH EXCAVATION. PRIOR TO PERFORMING THE EXCAVATION, THE CONTRACTOR SHALL LOCATE THE EDGE OF THE EXISTING TIMBER FLOOR USING METHODS THAT ARE IN ACCORDANCE WITH SECTION 206-3.05 OF THE SPECIFICATIONS, PAID FOR UNDER ITEM 206.0201. THE CONTRACTOR SHALL ADJUST THE LIMITS OF THE EXCAVATION TO BE A MINIMUM OF 1'-0" FROM THE EDGE OF THE TIMBER FLOORING, OR A.O.B.E.

LEGEND

FL

BIODEGRADABLE SEDIMENT FILTER LOG, ITEM 209.23010009

EXISTING GROUND SURFACE

NATIVE STREAMBED MATERIAL, (ITEM 613.04000001)

GROUT PAID FOR UNDER ITEM 602.90100607

STONE FILLING (MEDIUM) (ITEM 620.04)

AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR TRENCH & CULVERT EXCAVATION - (ITEM 206.0201)

EXCAVATE AS NEEDED FOR INSTALLATION (SEE NOTE 1)

EXISTING CULVERT (TO REMAIN)

EXISTING WINGWALL (TO REMAIN)

GRP CULVERT LINING ARCH (105" SPAN x 69" RISE), ITEM 602.90100607

LIMIT OF EXCAVATION PAID FOR UNDER ITEM 602.90100607 (SEE NOTE 1)

EXCAVATION PLAN (INLET)

EXISTING CULVERT (TO REMAIN)

EXISTING WINGWALL (TO REMAIN)

GRP CULVERT LINING ARCH (105" SPAN x 69" RISE), ITEM 602.90100607

EXCAVATE AS NEEDED FOR INSTALLATION (SEE NOTE 1)

LIMIT OF EXCAVATION PAID FOR UNDER ITEM 602.90100607 (SEE NOTE 1)

NATIVE STREAMBED MATERIAL, ITEM 613.04000001, ON TOP OF MEDIUM STONE FILL KEY, ITEM 620.04 (SEE SECTION A-A)

EXCAVATION PLAN (OUTLET)

SECTION A-A INLET PROTECTION SYSTEM (OUTLET SIMILAR)

SCALE: 1/4" = 1'-0"

EXISTING STRUCTURE

ORDINARY HIGH WATER EL. 774.82

PROPOSED STRUCTURE

CONTRACT NUMBER
D265553

DRAWING NO. CUL13-04
SHEET NO. 39

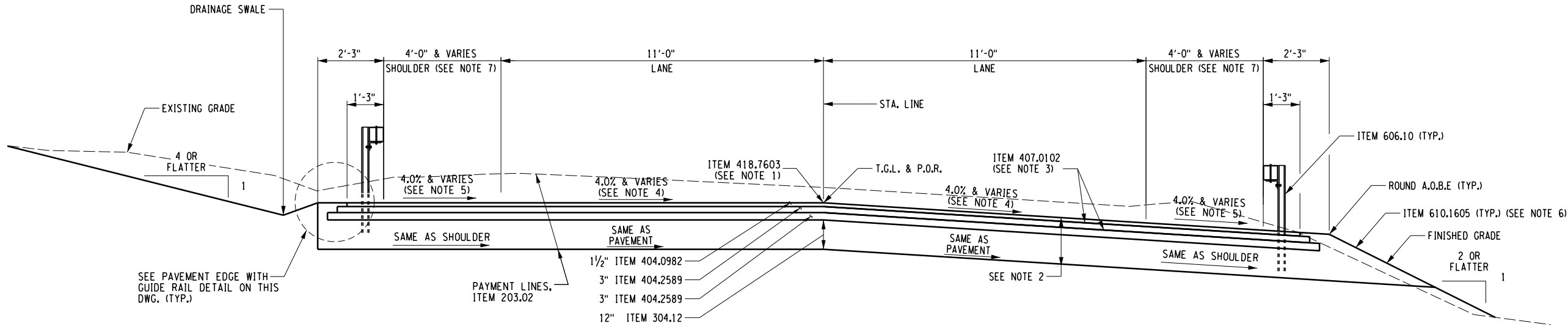
Department of
Transportation

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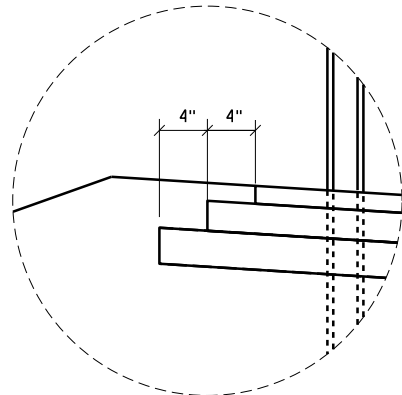
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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

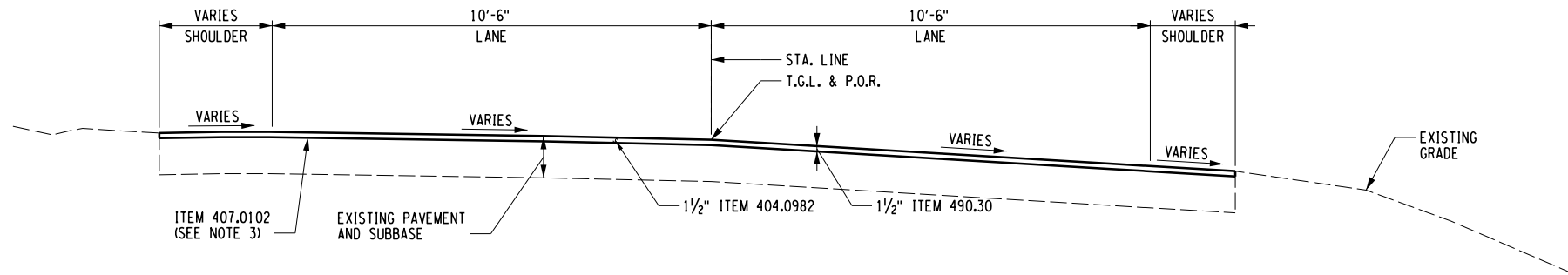


TYPICAL SECTION NO. 2
FULL DEPTH RECONSTRUCTION

LOOKING UPSTATION
SCALE: 1/4" = 1'-0"
STA 130+60 TO STA 132+35



PAVEMENT EDGE WITH
GUIDERAIL DETAIL
NOT TO SCALE



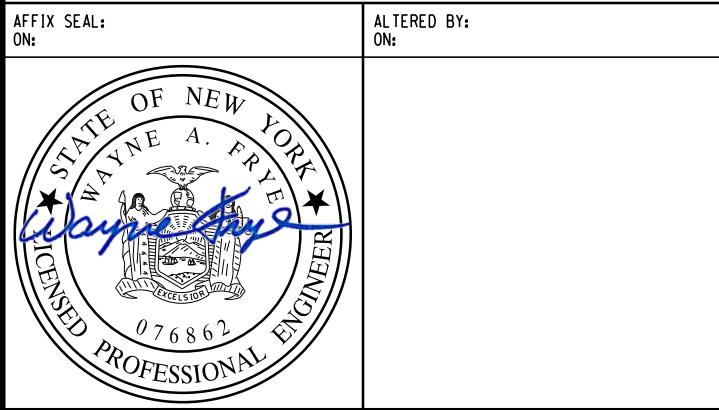
TYPICAL SECTION NO. 1
TYPICAL MILLING HIGHWAY SECTION

LOOKING UPSTATION
SCALE: 1/4" = 1'-0"
STA 130+35 TO STA 130+60
STA 132+35 TO STA 132+60

NOTES:

- ITEM 418.7603 SHALL BE APPLIED ON ALL VERTICAL FACES FOR ALL JOINTS ON THE TOP COURSE ONLY
- ALL SEAMS BETWEEN EXISTING AND NEW ASPHALT SURFACES SHALL BE SEALED WITH AN ASPHALT FILLER CORRESPONDING TO THE MATERIAL REQUIREMENTS OF NYS DOT MATERIAL DESIGNATION 702-05 OR 702-3041. THE COST TO BE INCLUDED IN THE VARIOUS ASPHALT ITEMS.
- TACK COAT SHALL BE APPLIED BETWEEN ALL LIFTS OF ASPHALT.
- REFER TO SUPERELEVATION DIAGRAM ON DWG. PR14-1.
- SHOULDER CROSS SLOPES SHALL TRANSITION TO MATCH TRAVEL LANE CROSS SLOPES. BEGIN TRANSITION SHALL START AT STA 130+60 AND END AT STA 130+85. END TRANSITION SHALL START AT STA 132+15 AND END AT STA 132+35.
- LIMITS FOR ESTABLISHING TURF SHALL BE A.O.B.E.
- SHOULDER SHALL TAPER TO TRANSITION FROM EXISTING TO PROPOSED WIDTH (SEE PL14-01)

ITEM NO.	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
304.12	SUBBASE COURSE, TYPE 2	CY
404.0982	9.5 F2 TOP COURSE ASPHALT, 80 SERIES COMPACTION	TON
404.2589	25 F9 BINDER COURSE ASPHALT, 80 SERIES COMPACTION	TON
407.0102	DILUTED TACK COAT	TON
418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	GAL
490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	LF
606.10	BOX BEAM GUIDE RAILING	SY
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY



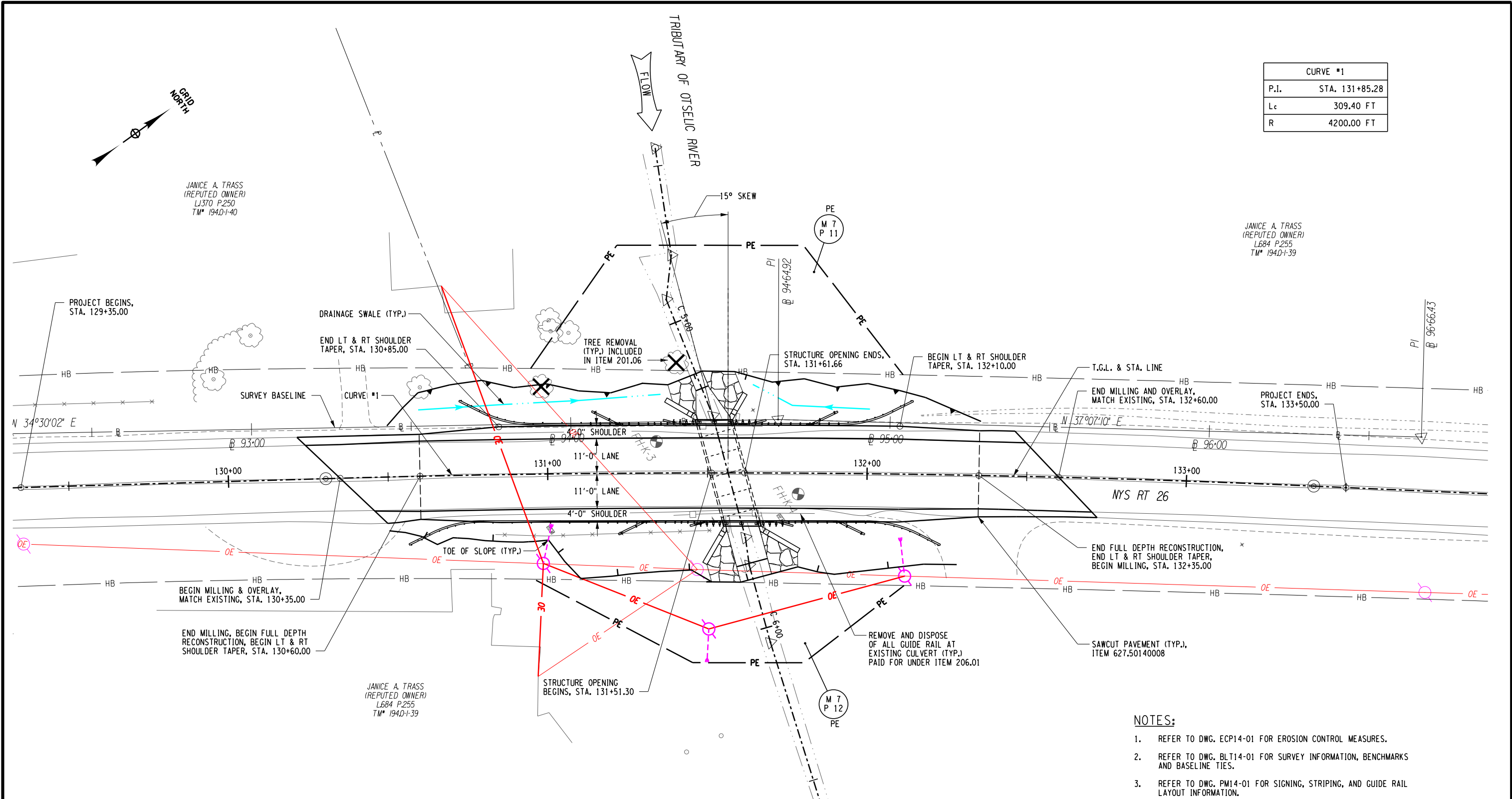
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		LARGE CULVERT REPLACEMENT ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER S.H. 339 GEORGETOWN - ROUTES 26 & 80 TOWN OF GEORGETOWN COUNTY: MADISON REGION: 2		PIN 2LC1.31	BRIDGES	CULVERTS C240033	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED SITE 14 TYPICAL SECTIONS	CONTRACT NUMBER D265553	
								DRAWING NO. TS14-01 SHEET NO. 40	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK W. KANIECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE



AFFIX SEAL:
ON:

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT
	ROUTE 26 OVER TRIBUTARY OF OTSELEC RIVER
	S.H. 339 GEORGETOWN - ROUTES 26 & 80
	TOWN OF GEORGETOWN
COUNTY: MADISON REGION: 2	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

PIN 2LC1.31	BRIDGES	CULVERTS C240033
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ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265553	
SITE 14 GENERAL PLAN		DRAWING NO. PL14-01 SHEET NO. 41	

NEW YORK STATE
Department of
Transportation

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DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK W. KANIECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE

AFFIX SEAL:
ON:

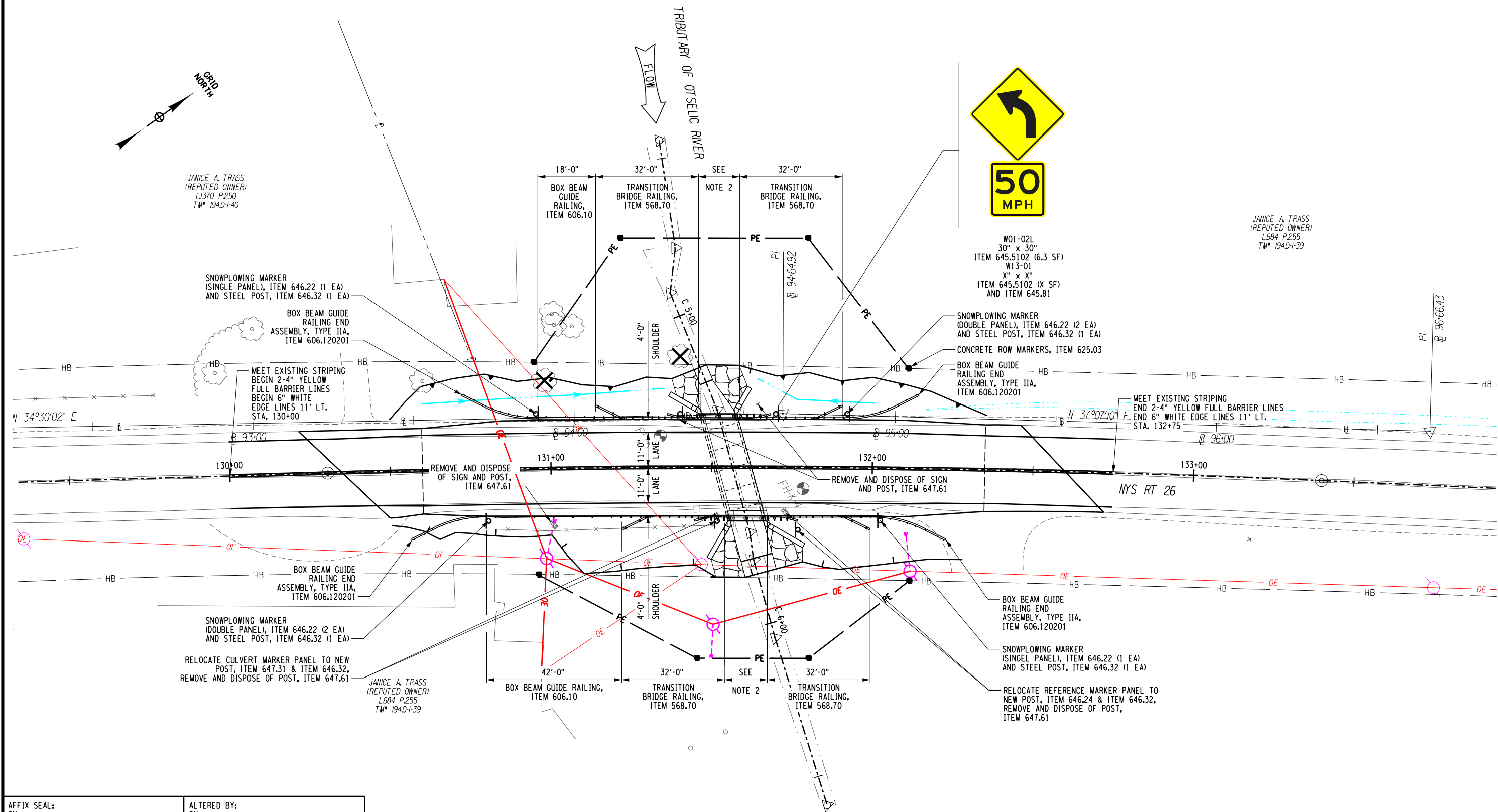


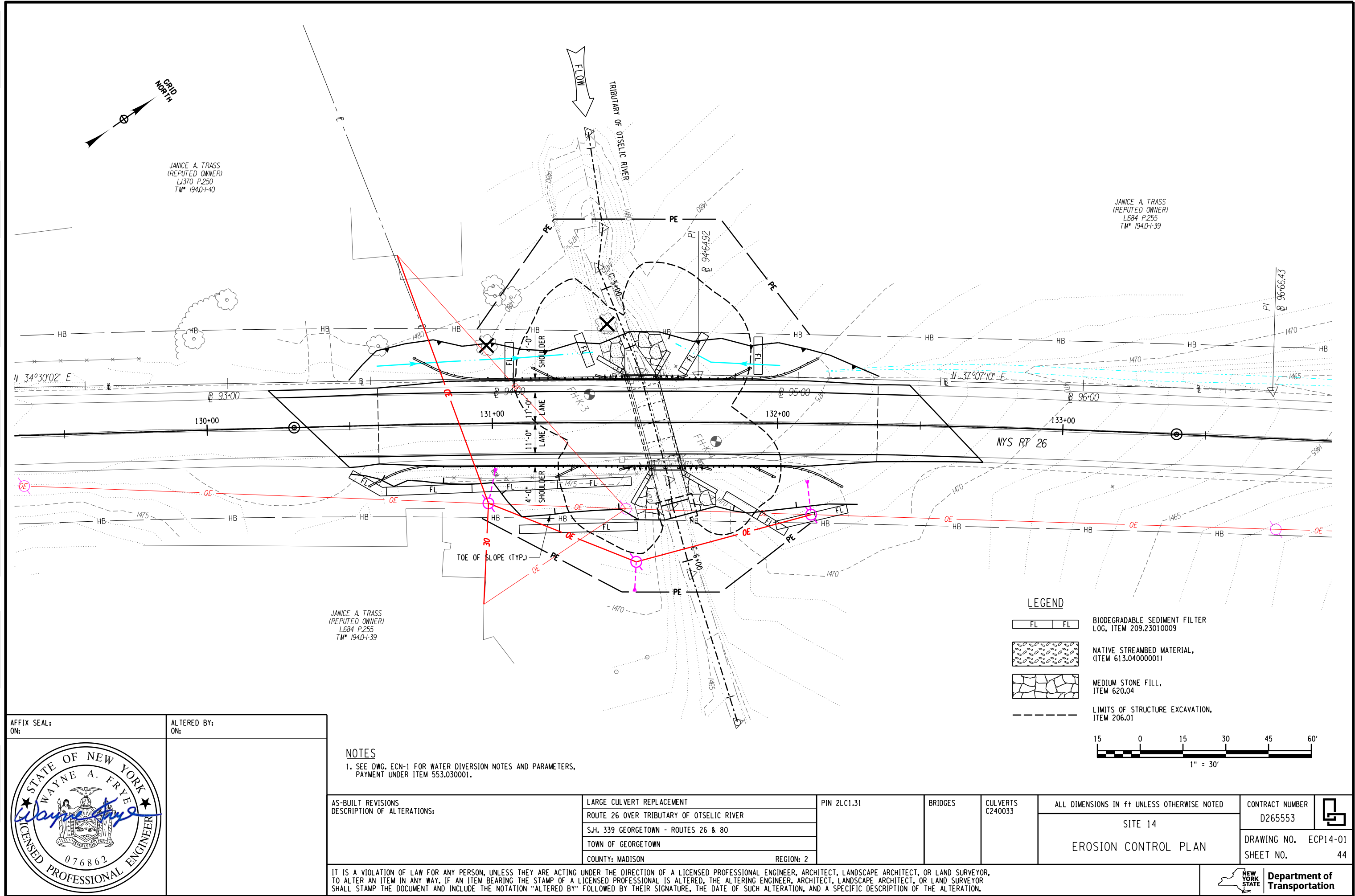
ALTERED BY:
ON:

NOTES:

- REFER TO NYSDOT STANDARD SHEET 646-15 FOR SNOWPLOW MARKER INSTALLATION DETAILS.
- REFER TO DWGS. CUL14-07 & RL14-01 TO RL14-04 FOR RAILING DETAILS.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31	BRIDGES	CULVERTS C240033	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED SITE 14 SIGNING, STRIPING, AND RAILING LAYOUT PLAN	CONTRACT NUMBER		
	ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER					D265553		
	S.H. 339 GEORGETOWN - ROUTES 26 & 80					DRAWING NO.		PM14-01
	TOWN OF GEORGETOWN					SHEET NO.		42
	COUNTY: MADISON					REGION: 2		
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						 Department of Transportation		





INDEX		
SHEET NO.	DESCRIPTION	DRAWING NO.
46	NOTES & INDEX	CUL14-01
47	CULVERT PLAN & ELEVATION	CUL14-02
48	CULVERT TRANSVERSE SECTION	CUL14-03
49	EXCAVATION PLAN	CUL14-04
50	EXCAVATION SECTIONS	CUL14-05
51	EXCAVATION SECTIONS	CUL14-06
52	RAILING LAYOUT AND HEADWALL DETAILS	CUL14-07

PRECAST CONCRETE BOX CULVERT NOTES:

ACTUAL WALL AND SLAB THICKNESSES, REINFORCEMENT SIZE AND SPACING TO BE DETERMINED BY FABRICATOR'S ENGINEER. IF THE ACTUAL TOP SLAB THICKNESS IS LESS THAN THE 1'-0" ASSUMED, THEN THE LOW BEAM ELEVATION SHALL BE HELD. IF THE ACTUAL TOP SLAB THICKNESS IS GREATER THAN 1'-0", CONTACT THE ENGINEER IN CHARGE.

THE LENGTH OF EACH STRUCTURE SEGMENT SHALL BE DETERMINED BY THE CONTRACTOR.

FOR MECHANICAL CONNECTORS IN TOP SLAB, SEE DWGS. CUL14-07 AND RL14-02.

ALL EXPOSED EDGES SHALL HAVE A CHAMFER OF 1".

REINFORCEMENT SHALL BE A.S.T.M. A615/M, GRADE 60 AND MEETING THE REQUIREMENTS OF SECTION 556 OF THE SPECIFICATIONS. THE MINIMUM CLEARANCE FOR REINFORCEMENT SHALL BE AS DETAILED ON THE PLANS. THE TOP MAT OF REINFORCEMENT SHALL BE EPOXY COATED.

THE ENTIRE TOP SLAB AND LEGS OF THE BOX UNIT SHALL BE COVERED WITH SHEET APPLIED WATERPROOFING MEMBRANE. STRIPS OF WATERPROOFING MEMBRANE SHALL BE PLACED OVER THE JOINTS BETWEEN THE BOX AND END SECTIONS.

WHERE EPOXY THREADED INSERTS ARE SHOWN ANY NON-CORROSIVE MECHANICAL CONNECTOR MEETING STANDARD SPECIFICATION SECTION 709-10 MAY BE USED AS AN ALTERNATIVE.

DOWEL BARS USED TO ATTACH THE CUT-OFF WALL TO THE BOX CULVERT SHALL BE DRILLED AND GROUTED PER THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 586 EXCEPT THE GROUT SHALL MEET THE REQUIREMENTS OF §701-06 (PULL-OUT TEST NOT REQUIRED). THE KEYWAY SHALL BE GROUTED WITH THE SAME MATERIAL AS THE DOWELS. PLACE A BEAD OF CAULK, CLOSED CELL FOAM OR OTHER SUITABLE MATERIAL ON BOTH SIDES OF THE KEYWAY TO CONTAIN THE GROUT.

TOP OF BOX UNITS SHALL BE CROWNED AT 1.0% FROM @ BOX TO DRAIN.

PRECAST CONCRETE BOX UNIT REFORCEMENT COVER REQUIREMENTS:
- TOP OF PRECAST BOX UNIT 2"
- ALL OTHER PRECAST BOX UNIT FACES 1"

SEE SHEETS MSD-01 AND MSD-02 FOR MISCELLANEOUS DETAILS.

GENERAL NOTES:

OVERHEAD ELECTRIC LINES AND A UTILITY POLE ARE IN PROXIMITY TO THIS CULVERT.

RECORD PLANS FOR THIS STRUCTURE ARE AVAILABLE AT THE NYSDOT DEPARTMENT OF TRANSPORTATION REGIONAL OFFICE.

HYDRAULIC NOTES:

THE COST OF DEWATERING THE ENTIRE EXCAVATION, REGARDLESS OF THE SOURCE OF WATER, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE EXCAVATION ITEMS).

ORDINARY HIGH- WATER IS ESTIMATED TO BE 1469.70. ORDINARY HIGH-WATER IS DEFINED AS THE WATER SURFACE ELEVATION FOR THE MEAN ANNUAL FLOOD, WHICH IS THE FLOOD THAT HAS A RECURRENCE INTERVAL OF 2 YEARS.

ORDINARY WATER IS ESTIMATED TO BE 1469.40. ORDINARY WATER IS DEFINED AS THE HIGHEST SURFACE WATER ELEVATION LIKELY TO BE ENCOUNTERED DURING ONE CONSTRUCTION SEASON (EXCLUDING MAJOR FLOODS). IT IS ALWAYS LESS THAN THE ORDINARY HIGH-WATER ELEVATION AND IT IS USUALLY AN OBSERVED ELEVATION RATHER THAN A COMPUTED ONE.

LOW WATER IS ESTIMATED TO BE 1469.30. LOW WATER IS DEFINED AS THE NORMAL LOW WATER ELEVATION PREVALENT DURING ONE CONSTRUCTION SEASON FOR MORE THAN 25% OF THE TIME. IT IS AN OBSERVED ELEVATION RATHER THAN A COMPUTED ONE.

THE 2-YEAR STORM EVENT HAS A FLOW OF 27.24 CFS.

THE 50-YEAR STORM EVENT HAS A FLOW OF 95.64 CFS.

FOUNDATION NOTES:

UNLESS OTHERWISE SHOWN ON THE CONTRACT PLANS, REMOVE EXISTING SUBSTRUCTURES AS FOLLOWS:

- COMPLETELY REMOVE THE PORTION OF THE EXISTING SUBSTRUCTURE WITHIN A LATERAL LIMIT OF 3 FEET OF THE NEW SUBSTRUCTURE.
- REMOVE THE PORTION OF THE EXISTING SUBSTRUCTURE THAT IS OUTSIDE OF THIS LATERAL LIMIT AS FOLLOWS:
 - EXISTING SUBSTRUCTURE LOCATED UNDER ROADWAY - REMOVE TO 2.0 FEET BELOW SUBGRADE SURFACE.
 - EXISTING SUBSTRUCTURE LOCATED UNDER APPROACH EMBANKMENT END SLOPE - REMOVE TO ELEVATION WHERE IT INTERSECTS THE BOTTOM OF THE STONE FILLING.
 - EXISTING SUBSTRUCTURE AT ALL OTHER LOCATIONS - REMOVE TO 1.0 FOOT BELOW FINISHED GRADE.

AFFIX SEAL: ON:		ALTERED BY: ON:									
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		LARGE CULVERT REPLACEMENT	PIN 2LC1.31	BRIDGES	CULVERTS C240033	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553		
				ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER							
				S.H. 339 GEORGETOWN - ROUTES 26 & 80							
				TOWN OF GEORGETOWN							
				COUNTY: MADISON	REGION: 2	SITE 14 NOTES & INDEX		DRAWING NO. CUL14-01 SHEET NO. 45			
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.											
										Department of Transportation	

LOAD RATING (LFD)		
INVENTORY	HS	TONS
OPERATING	HS	TONS
LRFR RATING FACTORS		
INVENTORY	HL-93	
OPERATING	HL-93	

THE LOAD RATING TABLE SHALL BE FILLED IN BY THE EIC FROM INFORMATION RECEIVED FROM THE CONTRACTOR AFTER REVIEW AND APPROVAL BY THE DCS. THE SUBMITTED LOAD RATING INFORMATION SHALL BE IN ACCORDANCE WITH THE AASHTO "MANUAL FOR BRIDGE EVALUATION" WITH ALL INTERIM PROVISIONS IN EFFECT. THE CONTRACTOR SHALL PROVIDE LOAD RATINGS IN BOTH THE LOAD FACTOR RATING (LFD) METHOD AND THE LOAD AND RESISTANCE FACTOR RATING (LRFR) METHOD. THE CONTRACTOR SHALL ALSO PROVIDE ALL LOAD RATING COMPUTATIONS TO THE REGIONAL STRUCTURES ENGINEER.

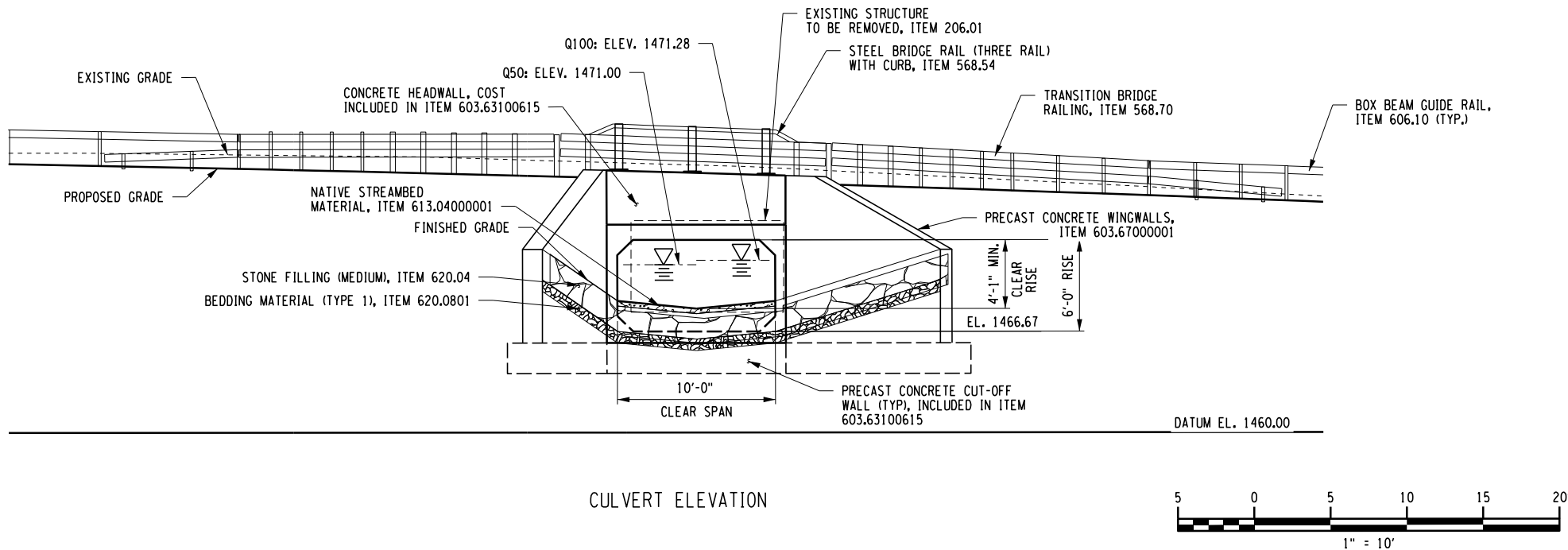
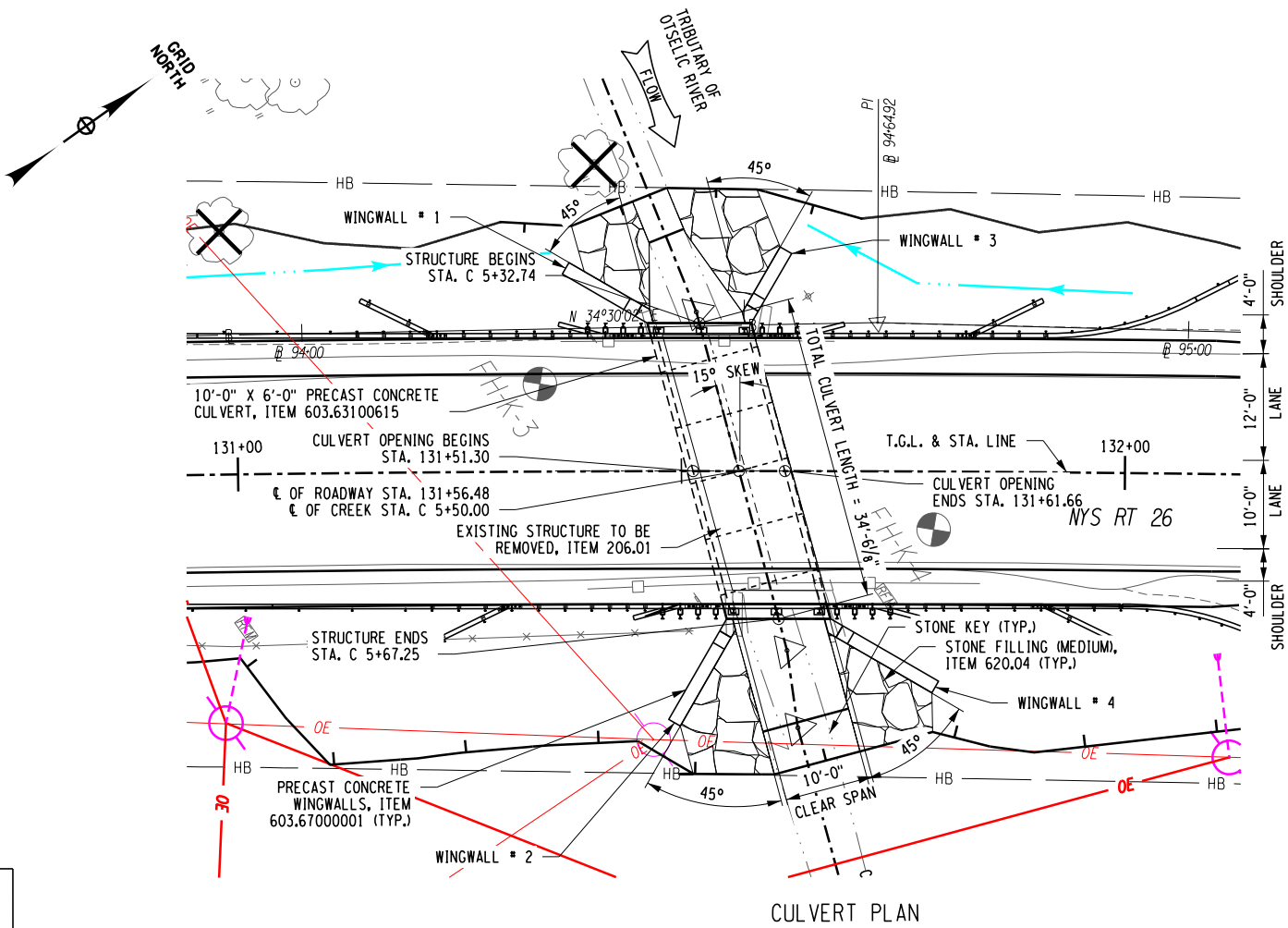
BOX CULVERT DESIGN DATA	
CLEAR SPAN, ft.	10.0
STRUCTURE RISE, ft.	6.0
* MIN. FILL HEIGHT, ft.	0.8
* MAX. FILL HEIGHT, ft.	2.8
SKREW ANGLE 1 TO C OF ROADWAY, DEG.	15
LIVE LOAD	HL93 W/LRFR INV. FACTOR ≥ 1.2
** RAILING / BARRIER TEST LEVEL	TL-4

*BASED ON ASSUMED TOP SLAB THICKNESS OF 1 FT. FABRICATOR SHALL ADJUST BASED ON ACTUAL TOP SLAB THICKNESS. (DESIGNER TO FILL IN VALUE) MEASURED FROM THE TOP OF THE TOP SLAB TO THE TOP OF THE PAVEMENT.

**THE FABRICATOR SHALL PROVIDE A POSITIVE CONNECTION BETWEEN THE SEGMENT WITH AN ATTACHED HEADWALL AND ITS ADJACENT SEGMENT.

GEOTECHNICAL WINGWALL DESIGN DATA						
FRICTION ANGLE OF SOIL RETAINED BY THE WALL (DEGREES)	FRICTION ANGLE OF FOUNDATION SOIL (DEGREES)	TOTAL SOIL UNIT WEIGHT (lb/ft ³)	MAXIMUM SERVICE LIMIT STATE BEARING RESISTANCE (lb/ft ²)	NOMINAL COEFFICIENT OF FRICTION FOR SLIDING	STRENGTH LIMIT STATE RESISTANCE FACTOR FOR SLIDING	STRENGTH LIMIT STATE RESISTANCE FACTOR FOR BEARING
34	32	120	4.0	0.5	0.90	0.45

1. FOR THE SLIDING AND ECCENTRICITY ANALYSES, ASSUME A GROUND WATER ELEVATION OF 1469.7 FEET.
2. FOR THE BEARING ANALYSES, ASSUME A GROUNDWATER ELEVATION OF 1463 FEET.
3. USE SUBMERGED UNIT WEIGHTS BELOW THE GROUNDWATER ELEVATIONS PROVIDED.
4. ASSUME A SURCHARGE LOAD OF 250 POUNDS PER SQUARE FOOT.



AFFIX SEAL:
ON:

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER
S.H. 339 GEORGETOWN - ROUTES 26 & 80
TOWN OF GEORGETOWN
COUNTY: MADISON

PIN 2LC1.31

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
SITE 14
CULVERT PLAN & ELEVATION

CONTRACT NUMBER
D265553

DRAWING NO. CUL14-02
SHEET NO. 46

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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TIME = 12:07:10 PM

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DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK W. KANIECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE

AFFIX SEAL:
ON:



ALTERED BY:
ON:

WINGWALL DATA				
LOCATION	ELEVATION A	ELEVATION B	ELEVATION C	DIMENSION "L"
BEG LT WINGWALL 1	1477.56	1475.50	1462.67	9.50
BEG RT WINGWALL 2	1476.47	1471.67	1462.67	11.50
END LT WINGWALL 3	1477.28	1474.25	1462.67	7.50
END RT WINGWALL 4	1476.11	1472.67	1462.67	12.50

DIMENSION "L" MEASURED ALONG FRONT FACE OF WINGWALL.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT

ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER

S.H. 339 GEORGETOWN - ROUTES 26 & 80

TOWN OF GEORGETOWN

COUNTY: MADISON

PIN 2LC1.31

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 14

CULVERT TRANSVERSE SECTION

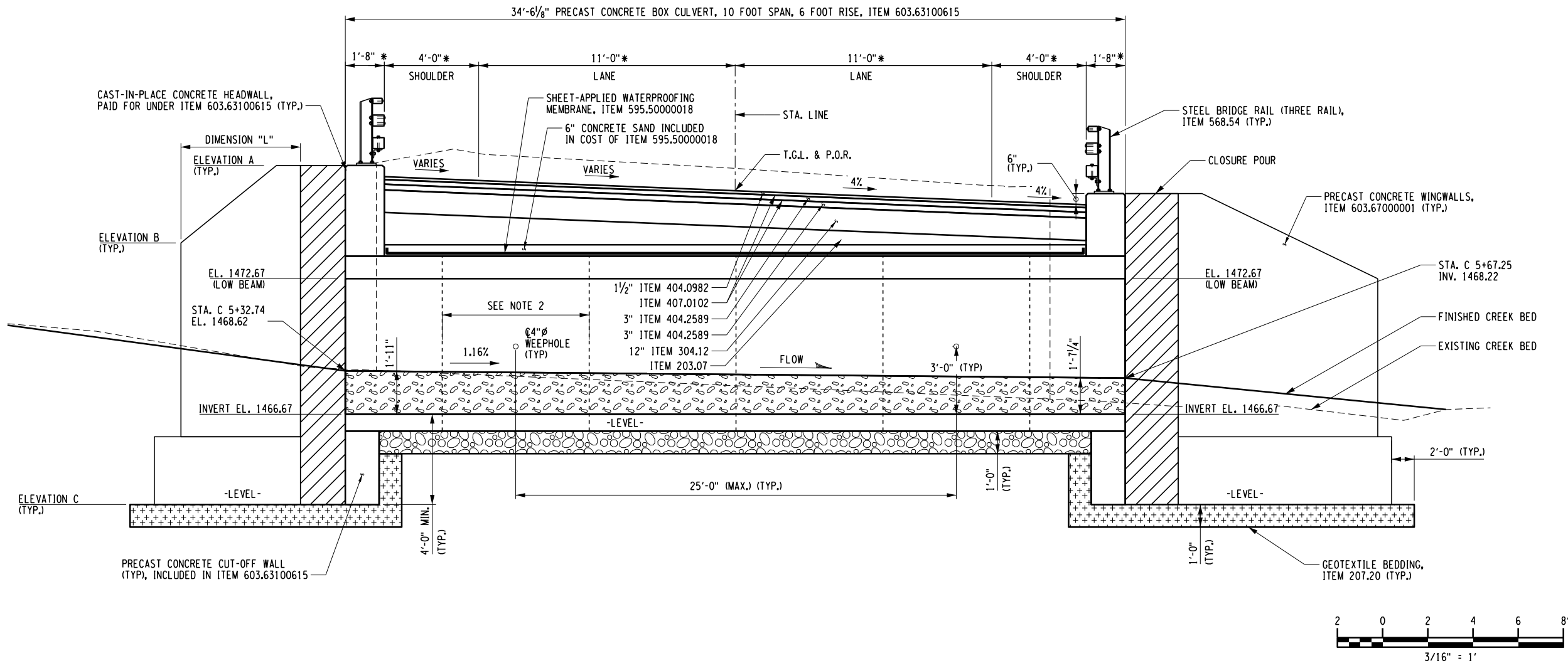
CONTRACT NUMBER
D265553

DRAWING NO. CUL14-03
SHEET NO. 47

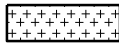
NEW YORK STATE

Department of
Transportation

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



LEGEND

-  CRUSHED MATERIAL LEVELING BED MEETING THE REQUIREMENTS OF MATERIAL DESIGNATION 703-02, CONSISTING OF A MIXTURE OF STONE SIZE DESIGNATIONS 1 AND 2. COST TO BE INCLUDED IN ITEM 603.63100615.
-  NATIVE STREAMBED MATERIAL, (ITEM 613.04000001)
-  SUBBASE COURSE, TYPE 2, ITEM 304.12, COST TO BE INCLUDED IN THE ASSOCIATED PRECAST ITEM

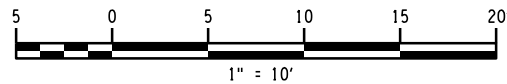
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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

LEGEND

- EXISTING GROUND SURFACE
- SELECT GRANULAR FILL (ITEM 203.07)
- EMBANKMENT IN PLACE (ITEM 203.03)
- NATIVE STREAMBED MATERIAL, (ITEM 613.04000001)
- CRUSHED MATERIAL LEVELING BED MEETING THE REQUIREMENTS OF MATERIAL DESIGNATION 703-02, CONSISTING OF A MIXTURE OF STONE SIZE DESIGNATIONS 1 AND 2. COST TO BE INCLUDED IN ITEM 603.63100615.
- SUBBASE COURSE, TYPE 2, ITEM 304.12, COST TO BE INCLUDED IN THE ASSOCIATED PRECAST ITEM
- STONE FILLING (MEDIUM) (ITEM 620.04)
- BEDDING MATERIAL (ITEM 620.0801)
- AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR STRUCTURE EXCAVATION (ITEM 206.01)
- AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR TRENCH & CULVERT EXCAVATION - (ITEM 206.0201)
- WITHIN THESE LINES, EXCAVATE AND BACKFILL IN ACCORDANCE WITH THE ITEMS INDICATED. PAYMENT FOR ALL ITEMS WITHIN THESE LINES SHALL BE INCLUDED IN THE PRICE BID FOR THE WINGWALL ITEM.



AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER
S.H. 339 GEORGETOWN - ROUTES 26 & 80
TOWN OF GEORGETOWN
COUNTY: MADISON REGION: 2

PIN 2LC1.31

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

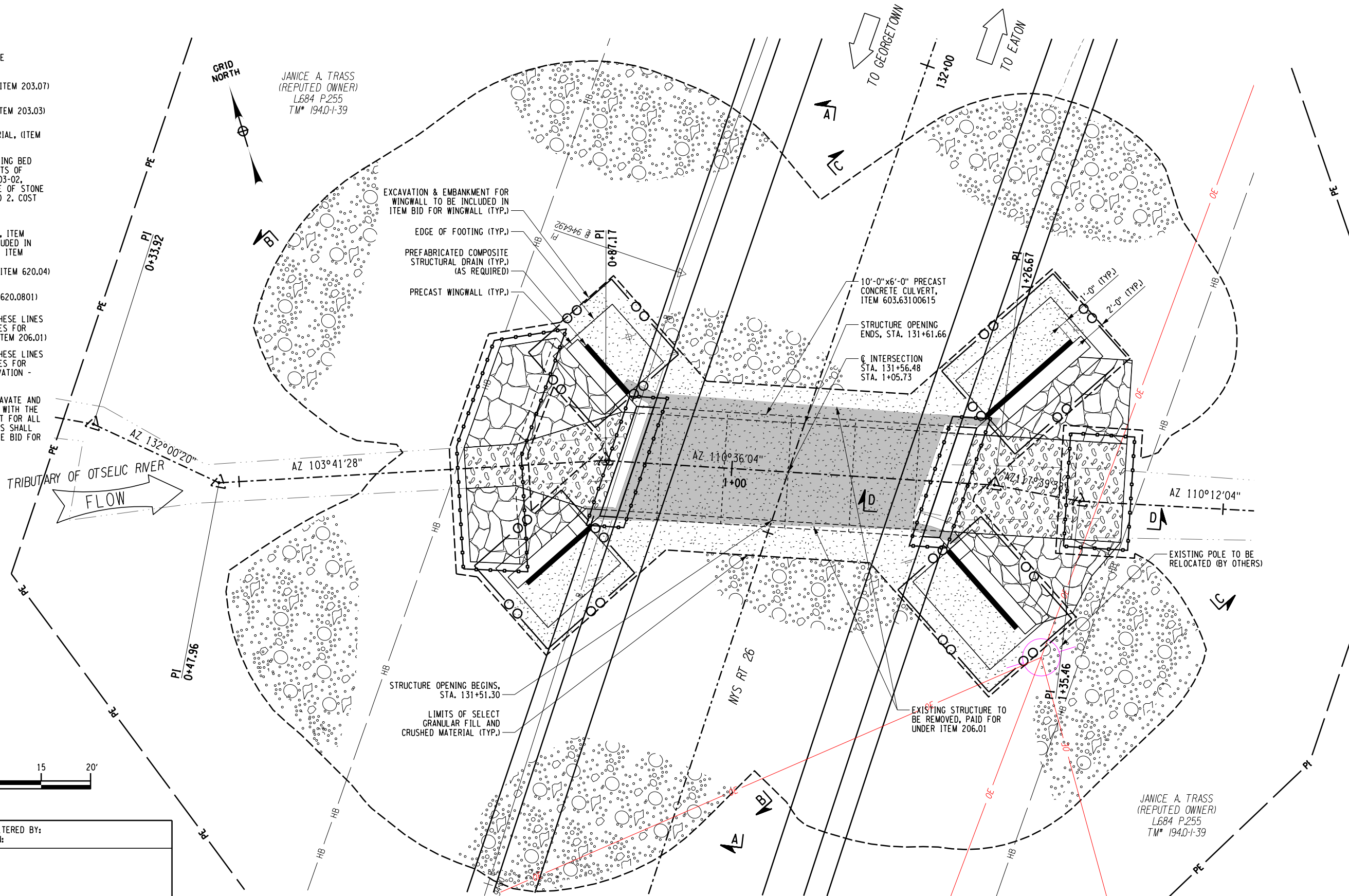
SITE 14
EXCAVATION PLAN

CONTRACT NUMBER
D265553

DRAWING NO. CUL14-04
SHEET NO. 48

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

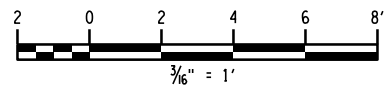
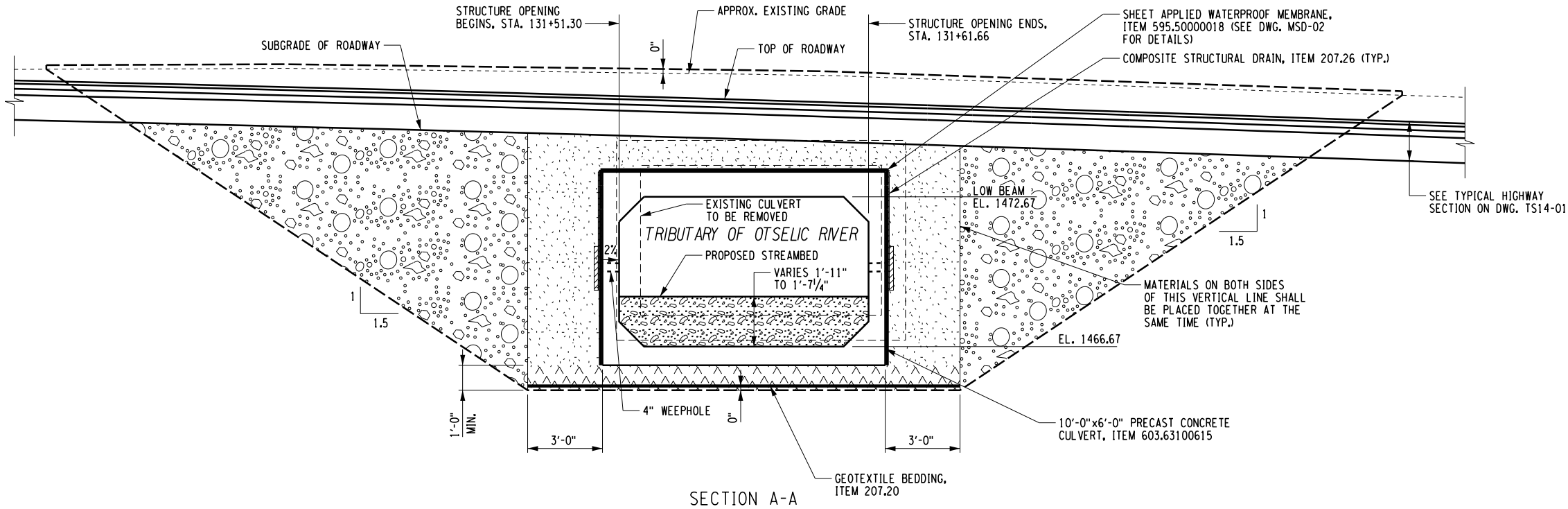
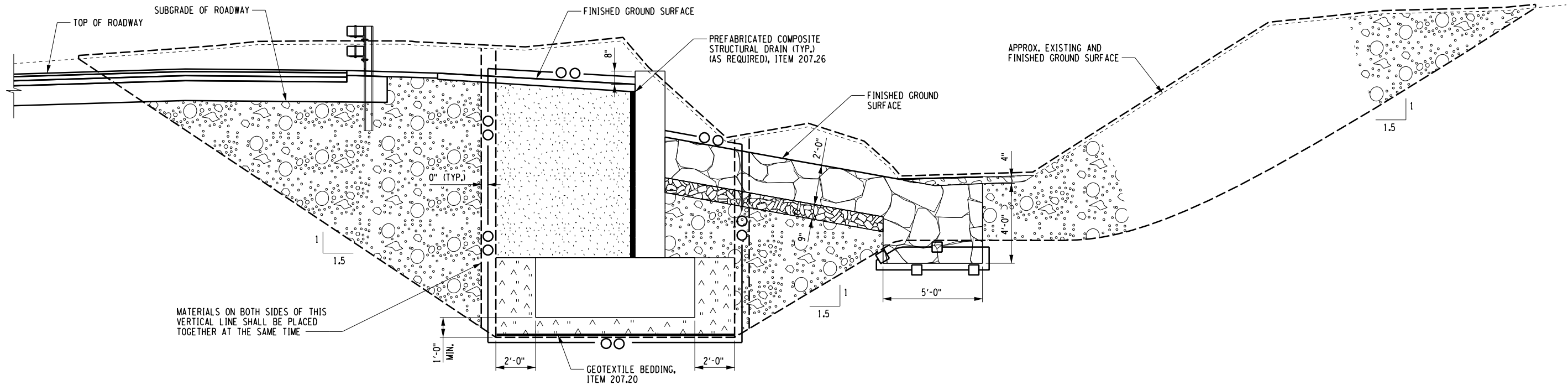
NEW YORK STATE
Department of
Transportation



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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



AFFIX SEAL: ON:	ALTERED BY: ON:

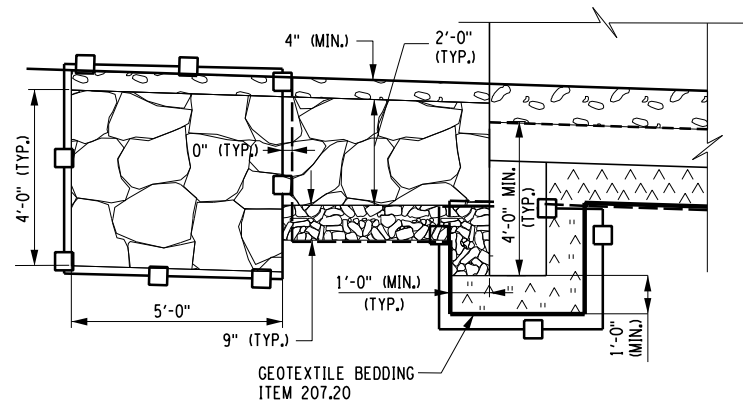
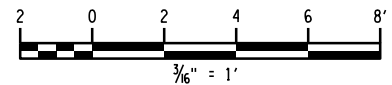
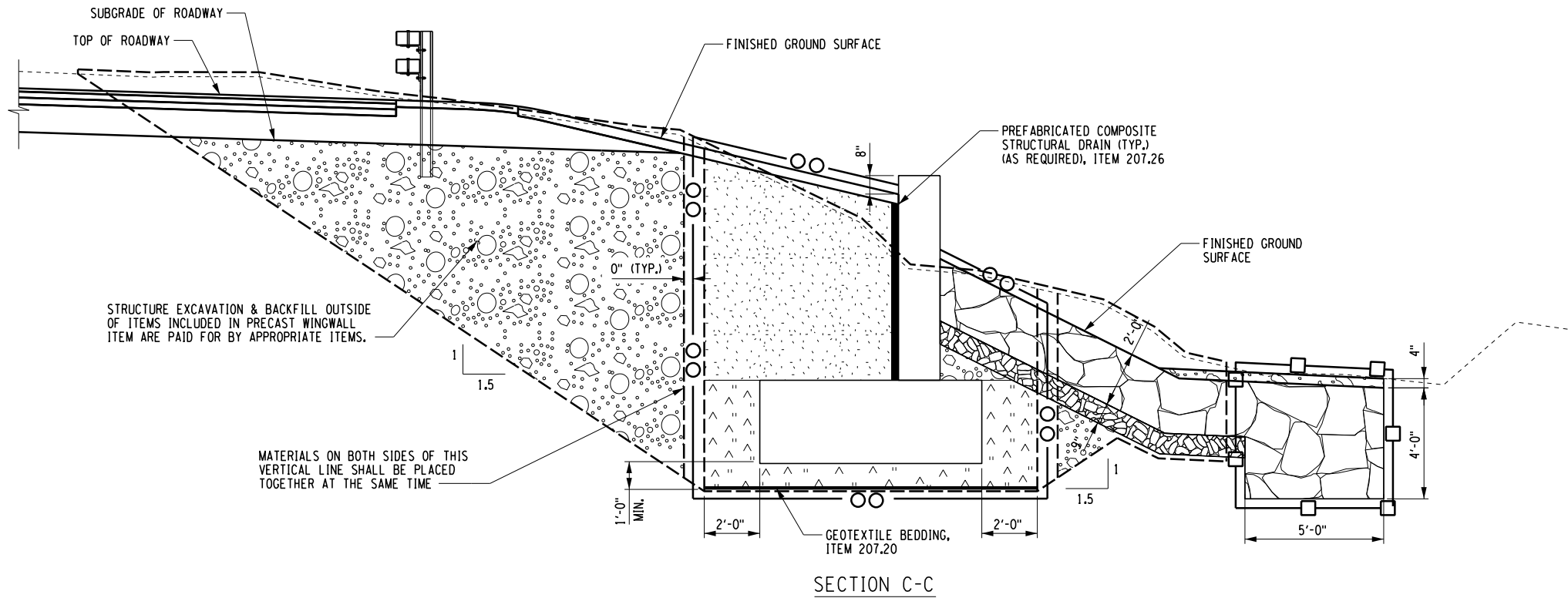
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31	BRIDGES	CULVERTS C240033	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER				SITE 14 EXCAVATION SECTIONS	D265553	
	S.H. 339 GEORGETOWN - ROUTES 26 & 80					DRAWING NO. CUL14-05	
	TOWN OF GEORGETOWN					SHEET NO. 49	
	COUNTY: MADISON REGION: 2						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						 Department of Transportation	

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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER
S.H. 339 GEORGETOWN - ROUTES 26 & 80
TOWN OF GEORGETOWN
COUNTY: MADISON REGION: 2

PIN 2LC1.31

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 14
EXCAVATION SECTIONS

CONTRACT NUMBER

D265553

DRAWING NO. CUL14-06

SHEET NO. 50

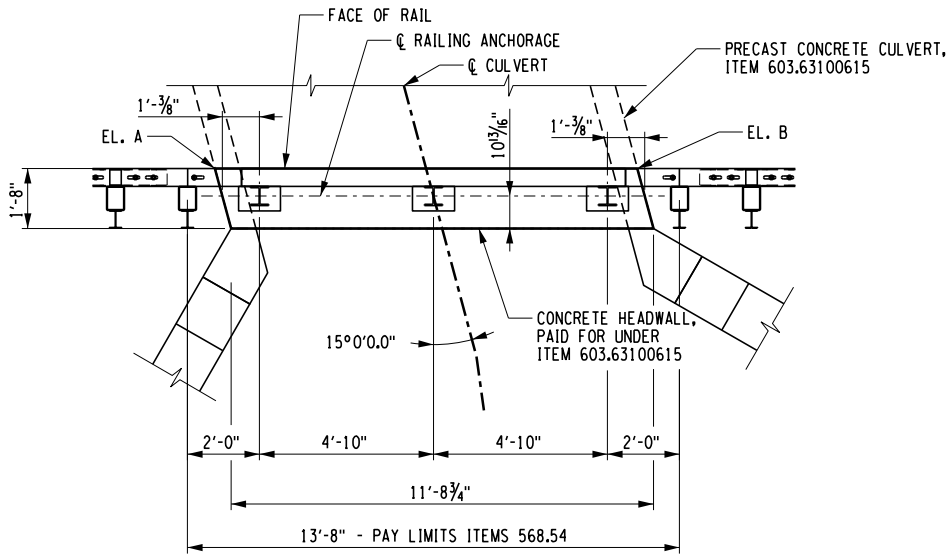
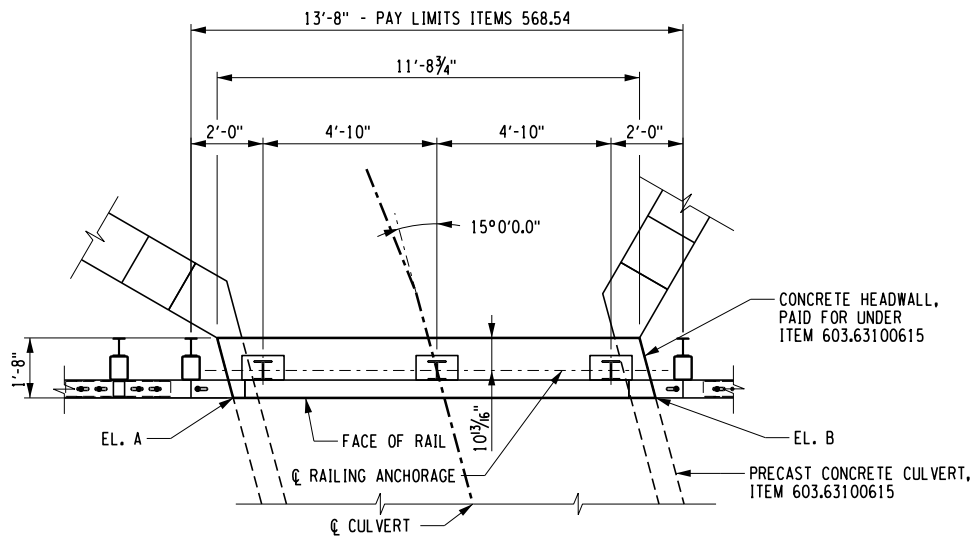
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NEW YORK STATE
Department of
Transportation

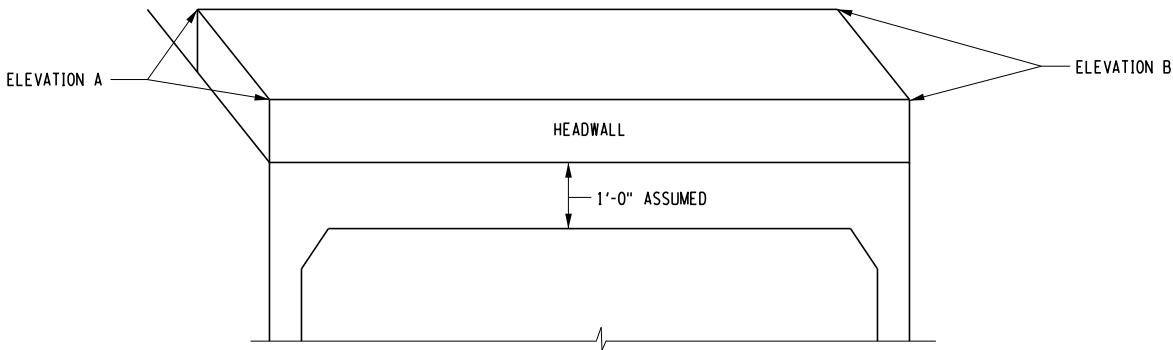
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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

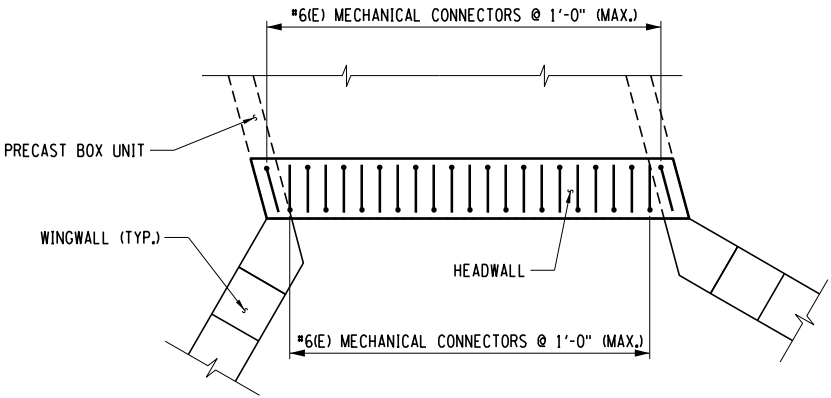


HEADWALL DATA		
LOCATION	ELEVATION A	ELEVATION B
LT. HEADWALL	1477.56	1477.28
RT. HEADWALL	1476.47	1476.11



NOTES:

- HEADWALL DIMENSIONS AND RAILING SPACING ARE BASED ON ASSUMED LEG THICKNESS OF 1'-0". IF LEG DIMENSIONS DIFFERS, DIMENSIONS WILL NEED TO BE ADJUSTED.
- ALL HEADWALL REINFORCEMENT SHALL BE EPOXY COATED IN ACCORDANCE WITH ITEM 556.0202.
- THE COST OF HEADWALLS AND REINFORCEMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 603.63100615.
- COVER FOR STEEL REINFORCEMENT SHALL BE 2" UNLESS OTHERWISE NOTED.
- SEE THREE-RAIL ANCHORAGE SECTION ON DRAWING RL14-02 FOR HEADWALL REINFORCEMENT.



AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT

ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER

S.H. 339 GEORGETOWN - ROUTES 26 & 80

TOWN OF GEORGETOWN

COUNTY: MADISON

REGION: 2

PIN 2LC1.31

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 14

RAILING LAYOUT AND
HEADWALL DETAILS

CONTRACT NUMBER

D265553

DRAWING NO. CUL14-07

SHEET NO. 51

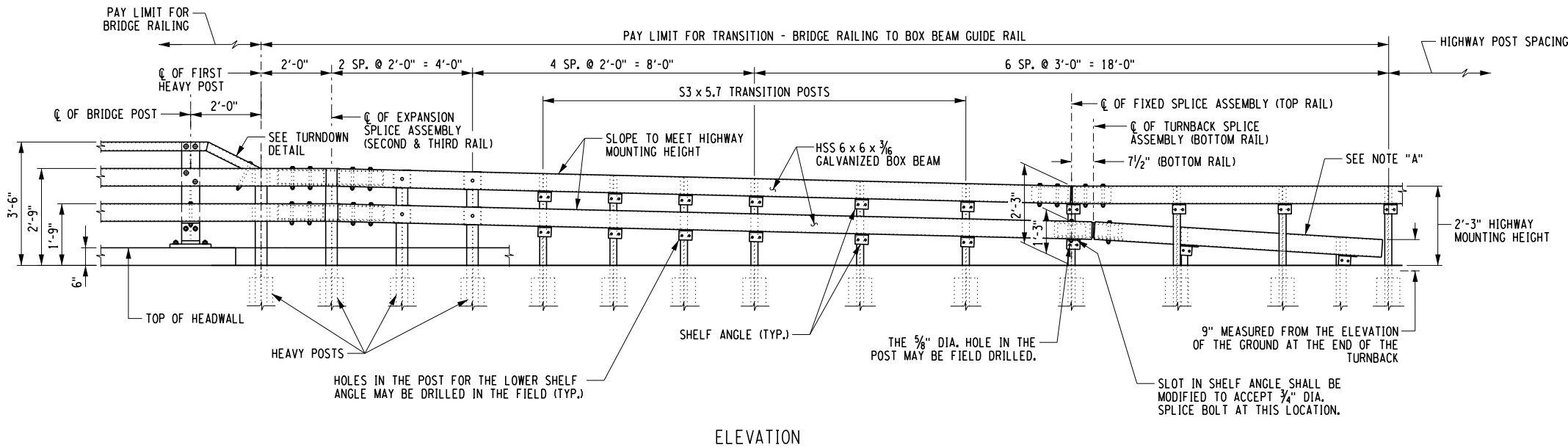
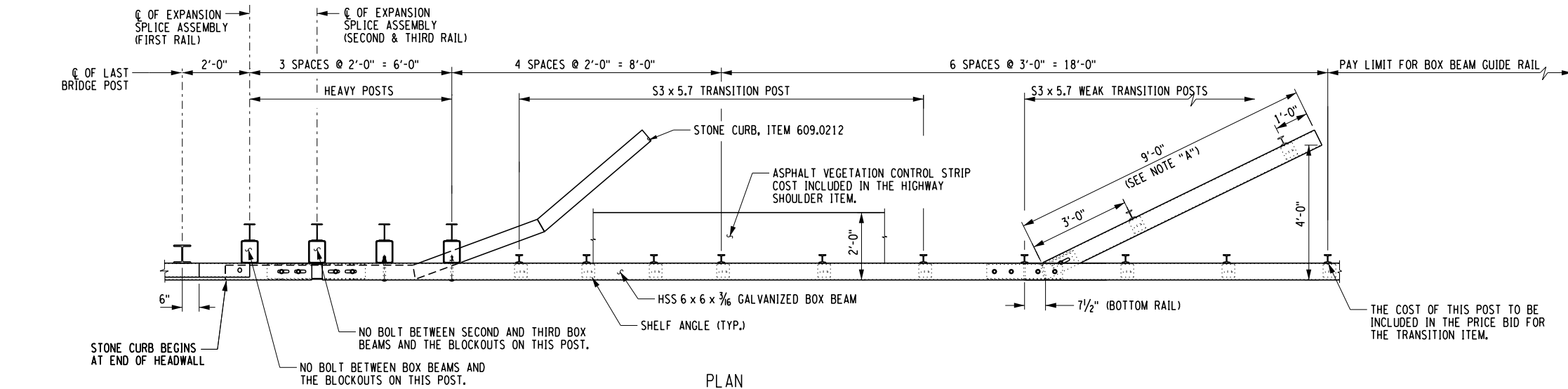
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NEW YORK STATE
Department of
Transportation

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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

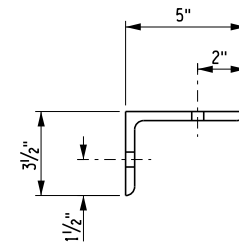
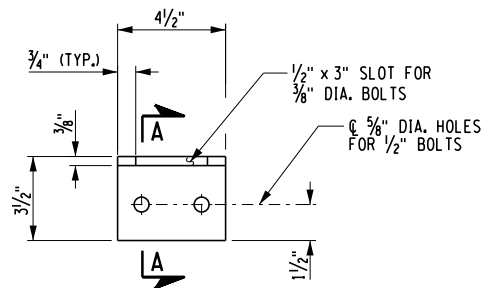


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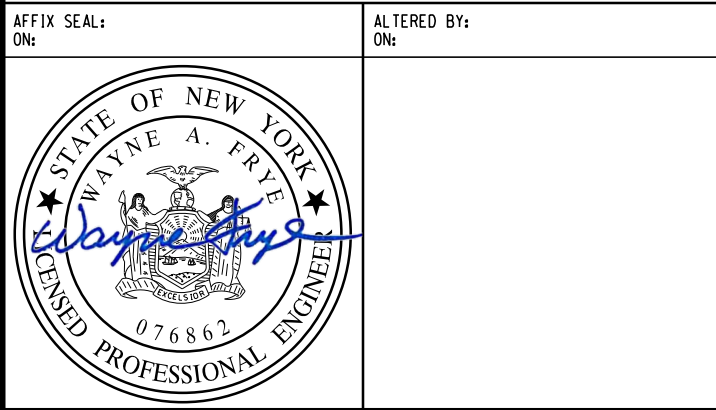
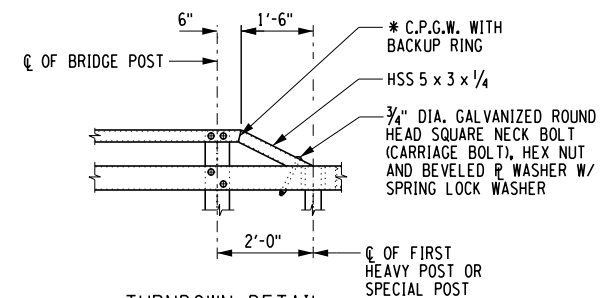
NOTE "A":
THE COST OF THE POSTS, SPLICE TUBE AND RAIL FOR THE TURNBACK IS INCLUDED IN THE PRICE BID FOR THE TRANSITION ITEM.

* C.P.G.W. = COMPLETE PENETRATION GROOVE WELD.

ANY MODIFICATIONS MADE IN THE FIELD THAT DAMAGES GALVANIZATION SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION 719-01 OF THE NYS STANDARD SPECIFICATIONS.



SHELF ANGLE DETAILS



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER
S.H. 339 GEORGETOWN - ROUTES 26 & 80
TOWN OF GEORGETOWN
COUNTY: MADISON REGION: 2

PIN 2LC1.31

BRIDGES

CULVERTS
C240033

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 14
RAILING DETAILS
(SHEET 1 OF 4)

CONTRACT NUMBER
D265553

DRAWING NO. RL14-01
SHEET NO. 52

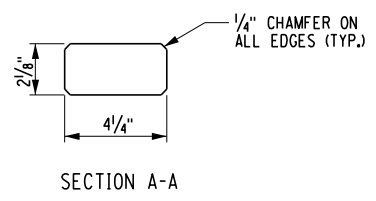
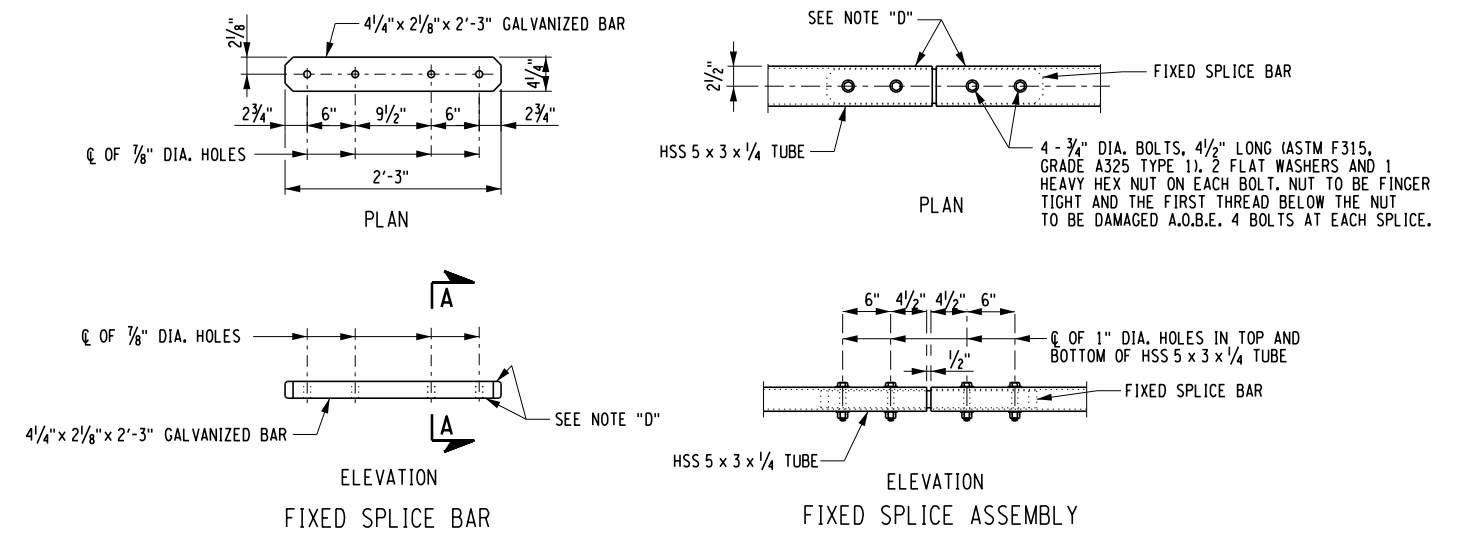
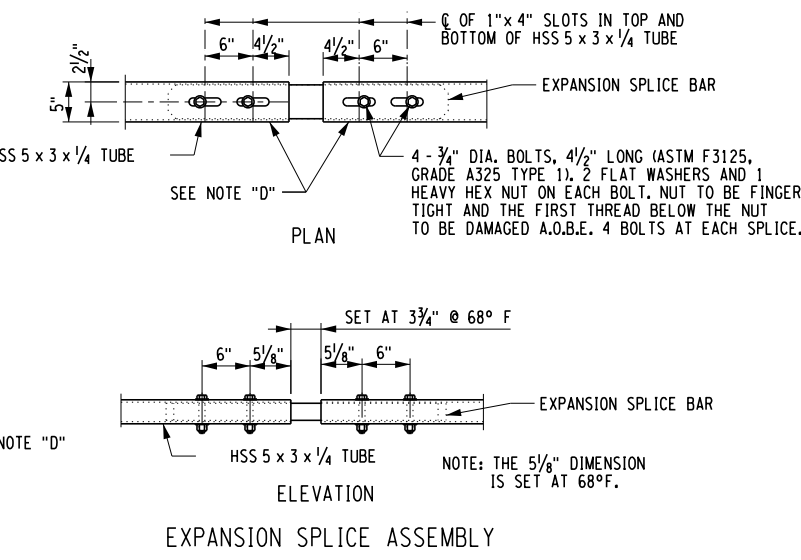
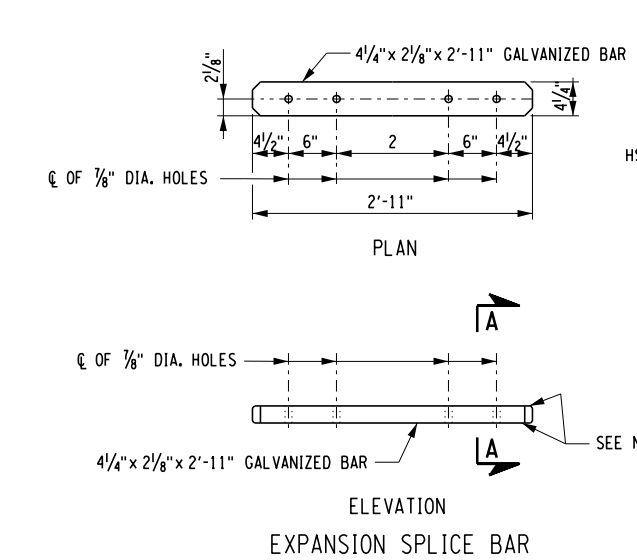
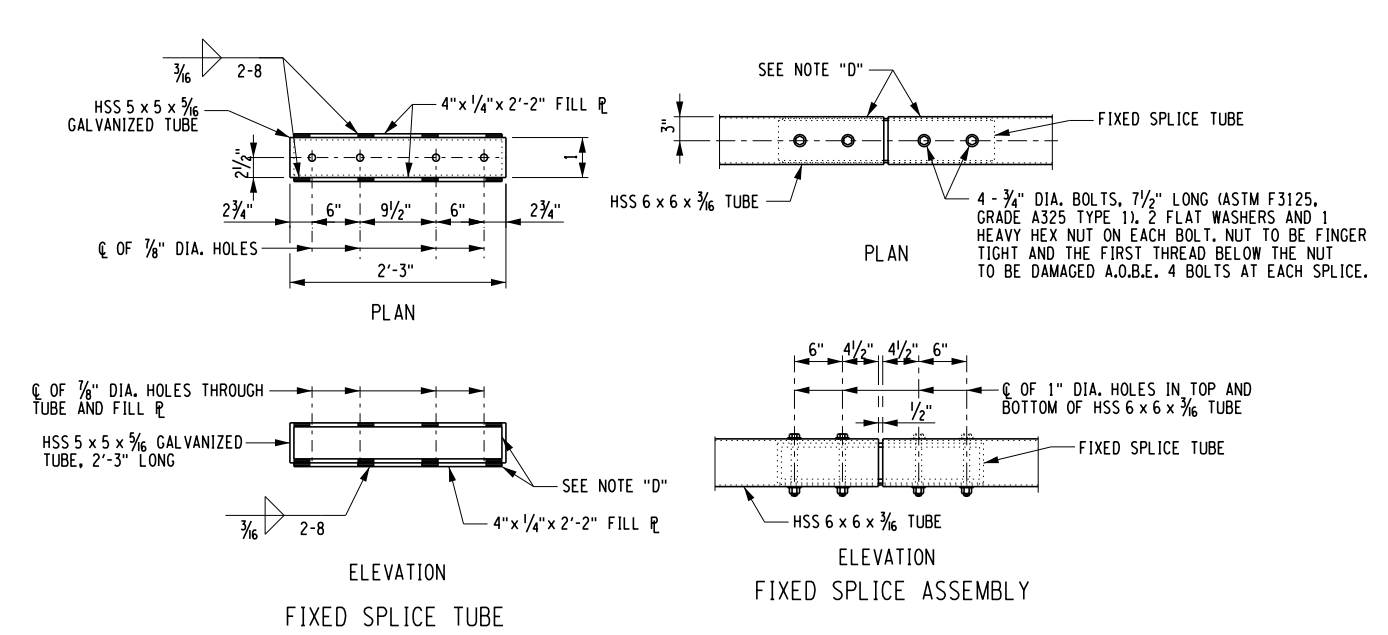
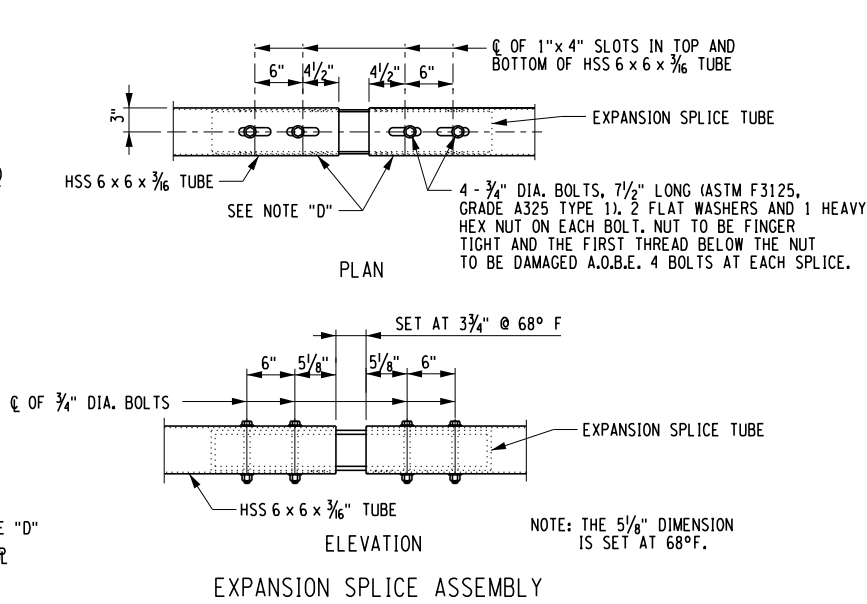
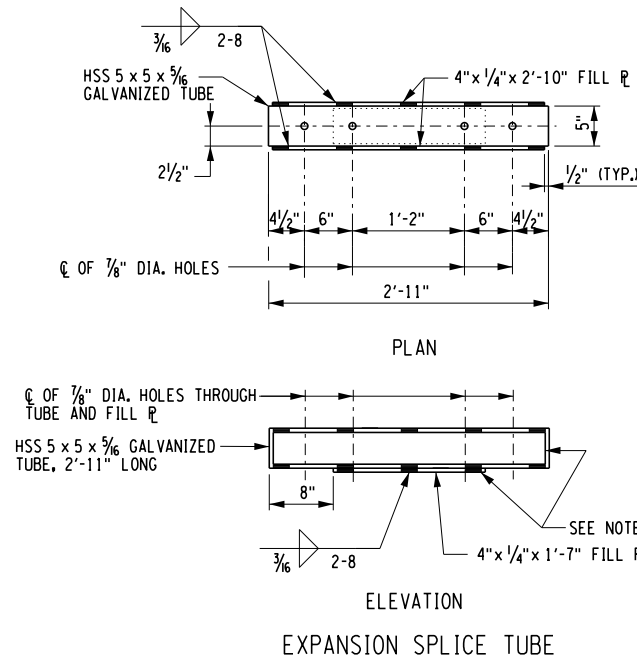
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NEW YORK STATE Department of Transportation

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DATE = 6/24/2025
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DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK W. KANIECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE

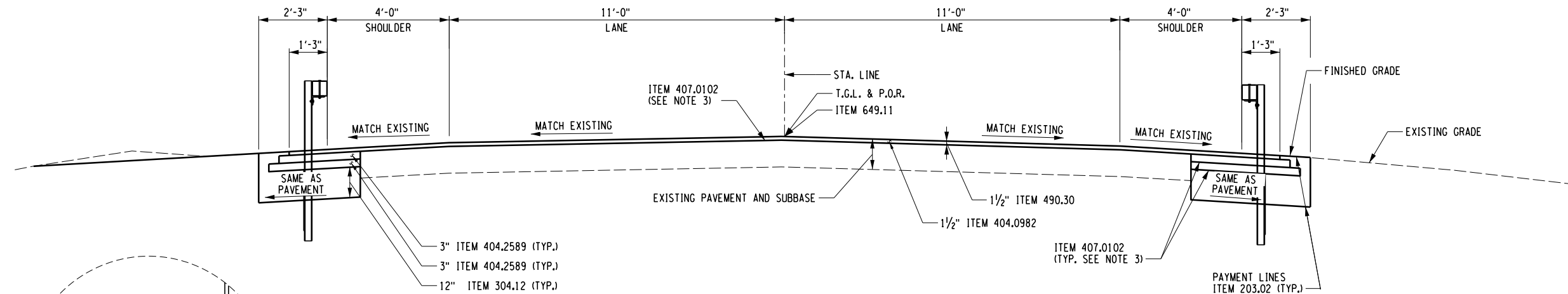


NOTE "D": PROTRUSIONS CAUSED BY WELDING OR GALVANIZING ARE NOT PERMITTED ON THE ADJOINING SURFACES OF THE BOX BEAM RAILS, SPLICE TUBES AND FILL PLATES.

AFFIX SEAL: ON:

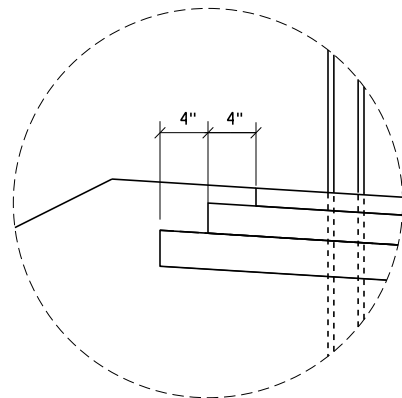
ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31	BRIDGES	CULVERTS C240033	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	ROUTE 26 OVER TRIBUTARY OF OTSELIC RIVER				D265553		
	S.H. 339 GEORGETOWN - ROUTES 26 & 80				SITE 14 RAILING DETAILS (SHEET 3 OF 4)	DRAWING NO.	RL14-03
	TOWN OF GEORGETOWN					SHEET NO.	54
	COUNTY: MADISON					REGION: 2	
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					 Department of Transportation		



TYPICAL SECTION NO. 1
SHOULDER WIDENING AND RESURFACING SECTION

LOOKING UPSTATION
SCALE: $\frac{1}{4}" = 1'-0"$
STA 151+75 TO STA 152+00
STA 154+00 TO STA 154+25



PAVEMENT EDGE WITH
GUIDERAIL DETAIL
NOT TO SCALE

NOTES:

- | | | | |
|----|--|----|---|
| 1. | ITEM 418.7603 SHALL BE APPLIED ON ALL VERTICAL FACES FOR ALL JOINTS ON THE TOP COURSE ONLY | 4. | REFER TO SUPERELEVATION DIAGRAM ON DWG. PRO15-01. |
| 2. | ALL SEAMS BETWEEN EXISTING AND NEW ASPHALT SURFACES SHALL BE SEALED WITH AN ASPHALT FILLER CORRESPONDING TO THE MATERIAL REQUIREMENTS OF NYSDOT MATERIAL DESIGNATION 702-05 OR 702-3041. THE COST TO BE INCLUDED IN THE VARIOUS ASPHALT ITEMS. | 5. | SHOULDER CROSS SLOPES SHALL TRANSITION TO MATCH TRAVEL LANE CROSS SLOPES. BEGIN TRANSITION SHALL START AT STA 152+00 AND END AT STA 152+25. END TRANSITION SHALL START AT STA 153+75 AND END AT STA 154+00. |
| 3. | TACK COAT SHALL BE APPLIED BETWEEN ALL LIFTS OF ASPHALT. | 6. | LIMITS FOR ESTABLISHING TURF SHALL BE A.O.B.E. |

ITEM NO.	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
304.12	SUBBASE COURSE, TYPE 2	CY
404.0982	9.5 F2 TOP COURSE ASPHALT, 80 SERIES COMPACTION	TON
404.2589	25 F9 BASE COURSE ASPHALT, 80 SERIES COMPACTION	TON
407.0102	DILUTED TACK COAT	GAL
418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	LF
490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	SY
606.10	BOX BEAM GUIDE RAILING	LF
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY
649.11	CENTERLINE AUDIBLE ROADWAY DELINEATORS (CARDS)	LF

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER				SITE 15 TYPICAL SECTIONS	D265553	
	S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46					DRAWING NO. TS15-01	
	CITY OF ROME					SHEET NO. 56	
	COUNTY: ONEIDA REGION: 2						

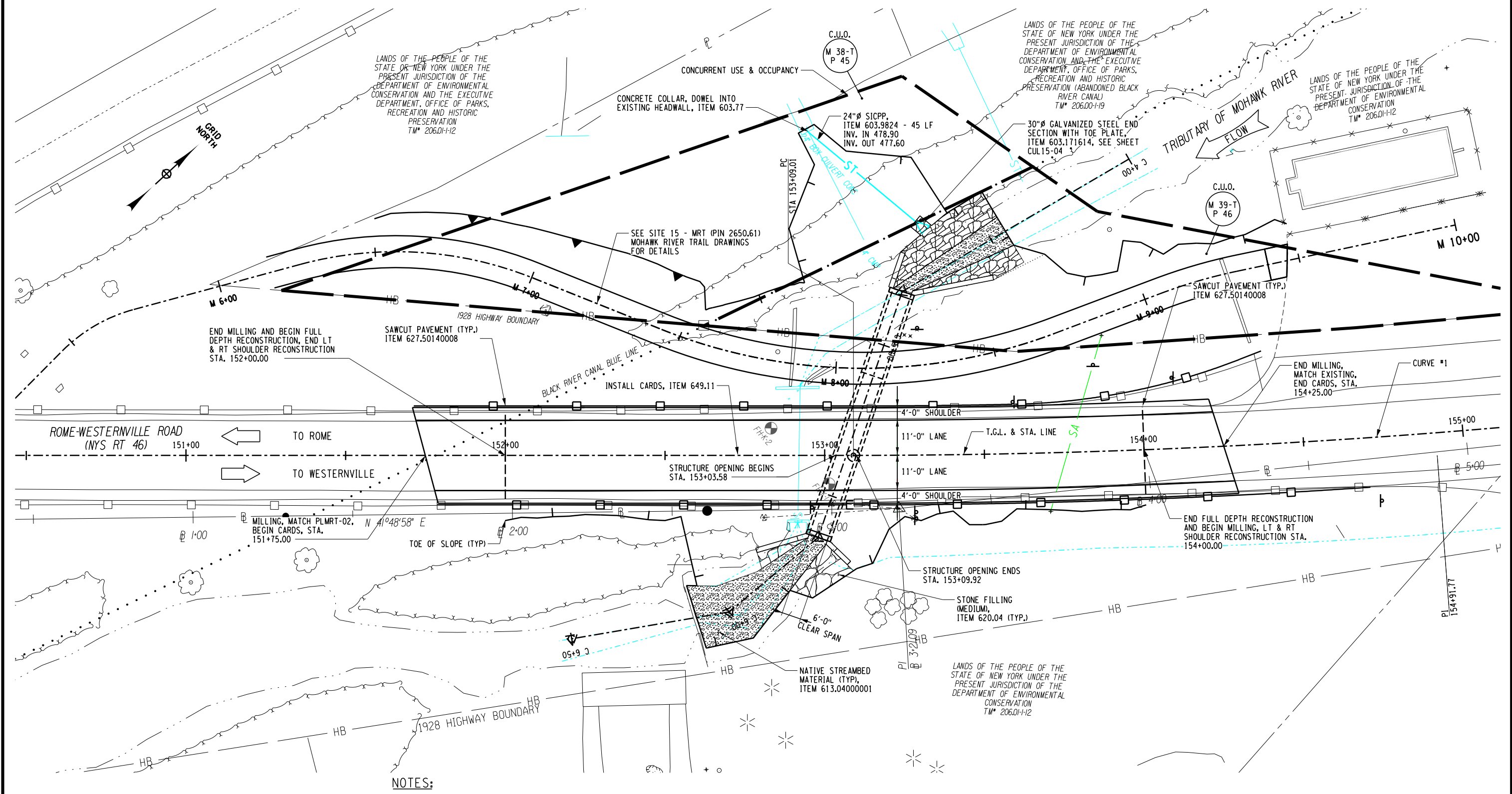
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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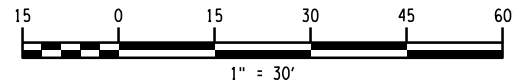
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DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK M. KANECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE



NOTES:

- REFER TO DWG. ECP15-01 FOR EROSION CONTROL MEASURES.
- REFER TO DWG. BLT15-01 FOR SURVEY INFORMATION, BENCHMARKS AND BASELINE TIES.
- REFER TO DWG. PM15-01 FOR SIGNING, STRIPING, AND GUIDE RAIL LAYOUT INFORMATION.



CURVE #1	
P.I.	STA. 154+91.77
Lc	364.78 FT
R	2350.00 FT

AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46 CITY OF ROME COUNTY: ONEIDA REGION: 2	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED SITE 15 GENERAL PLAN	CONTRACT NUMBER D265553	
						DRAWING NO. PL15-01 SHEET NO. 57	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NEW YORK STATE
Department of
Transportation

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\$USERS\$
\$PENTBL\$

DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

SIGN REMOVALS AND RELOCATIONS				
LOCATION	SIDE	DESCRIPTION	ITEM	QUANTITY (EACH)
152+95	RT	DELINEATOR & C270026	647.61	1
153+25	LT	FISH HATCHERY NO FISHING PERMITTED	647.31	1
153+28	LT	FISH HATCHERY NO FISHING PERMITTED	647.31	1
153+30	LT	SPDES DISCHARGE PERMIT	647.31	1
153+32	RT	ROME HATCHERY, MOHAWK RIVER	647.31	1
153+85	LT	WASTEWATER EFFLUENT	647.31	1
153+60	LT	DELINEATOR	647.61	1
154+10	LT	LEFT ARROW & 35 MPH	647.61	1



AFFIX SEAL: ON: ALTERED BY: ON:

GUIDE RAIL POST NOTE: WHEN THE FILL OVER THE CULVERT AT A POST IS LESS THAN 3'-4" THE GUIDE RAIL POST SHALL BE SHORTENED 6". IF MORE THAN ONE POST MUST BE SHORTENED THE POSTS SHALL BE SPACED SUCH THAT THE DISTANCE BETWEEN THE SHORTENED POSTS AND AN ADJACENT POST IS 3'-0".

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER
S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46
CITY OF ROME
COUNTY: ONEIDA REGION: 2

PIN 2LC1.31
PIN 2650.61

BRIDGES

CULVERTS
C270026
C260199

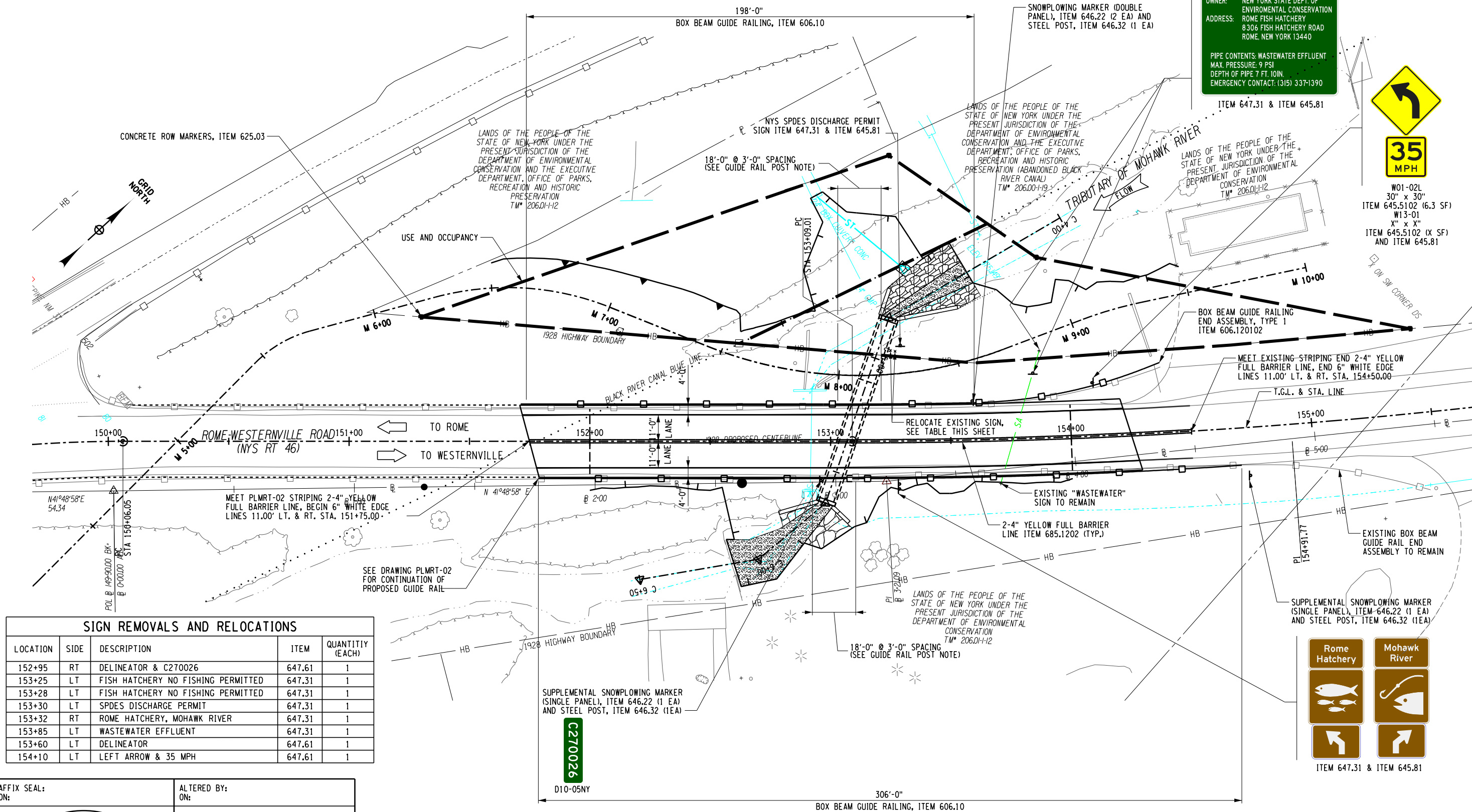
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
SITE 15
SIGNING, STRIPING, AND
RAILING LAYOUT PLAN

CONTRACT NUMBER
D265553

DRAWING NO. PM15-01
SHEET NO. 58

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

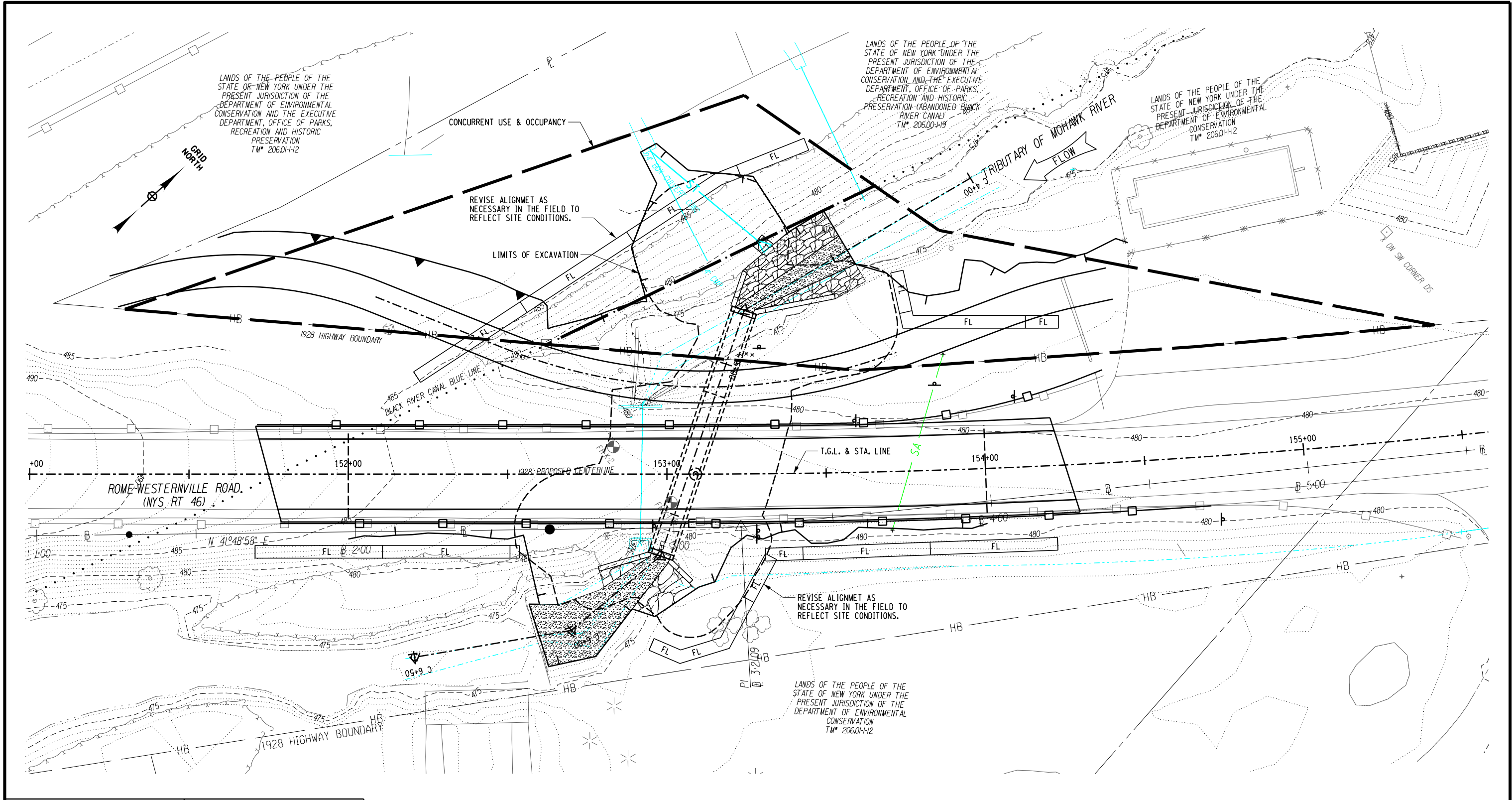
NEW YORK STATE
Department of
Transportation



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SPENTBLL\$
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DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK M. CUCITI
DRAFTING V. GREGG
CHECK W. KANIECKI
PROJECT MANAGER M. CUCITI
W. FRYE



AFFIX SEAL:
ON:

ALTERED BY:
ON:

LEGEND

FL

BIODEGRADABLE SEDIMENT FILTER
LOG, ITEM 209.23010009

NATIVE STREAMBED MATERIAL,
(ITEM 613.04000001)

MEDIUM STONE FILL,
ITEM 620.04

LIMITS OF STRUCTURE
EXCAVATION, ITEM 206.01

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT

ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER

S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46

CITY OF ROME

COUNTY: ONEIDA REGION: 2

NOTES:

1. SEE DWG. ECN-1 FOR WATER DIVERSION NOTES AND PARAMETERS.
PAYMENT UNDER ITEM 553.030002.

2. ALL AREAS OF EXPOSED SOIL ON A 1V:3H SLOPE OR STEEPER,
SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF GRADING
WITH ROLLED EROSION CONTROL PRODUCT, ITEM 209.190201.

15 0 15 30 45 60'

1" = 30'

PIN 2LC1.31
PIN 2650.61

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15
EROSION CONTROL PLAN

CONTRACT NUMBER
D265553

DRAWING NO. ECP15-01
SHEET NO. 59

NEW YORK STATE

Department of
Transportation

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

INDEX		
SHEET NO.	DESCRIPTION	DRAWING NO.
61	NOTES & INDEX	CUL15-01
62	CULVERT PLAN & ELEVATION	CUL15-02
63	TYPICAL CULVERT SECTION	CUL15-03
64	EXCAVATION PLAN STAGE 1	CUL15-04
65	EXCAVATION SECTIONS STAGE 1	CUL15-05
66	EXCAVATION PLAN STAGE 2	CUL15-06
67	EXCAVATION SECTIONS STAGE 2	CUL15-07
68	HEADWALL PLAN, ELEVATIONS AND DETAILS	CUL15-08

PRECAST CONCRETE BOX CULVERT NOTES:

ACTUAL WALL AND SLAB THICKNESSES, REINFORCEMENT SIZE AND SPACING TO BE DETERMINED BY FABRICATOR'S ENGINEER. IF THE ACTUAL TOP SLAB THICKNESS IS LESS THAN THE 1'-0" ASSUMED, THEN THE LOW BEAM ELEVATION SHALL BE HELD. IF THE ACTUAL TOP SLAB THICKNESS IS GREATER THAN 1'-0", CONTACT THE ENGINEER IN CHARGE.

THE LENGTH OF EACH STRUCTURE SEGMENT SHALL BE DETERMINED BY THE CONTRACTOR.

FOR MECHANICAL CONNECTORS IN TOP SLAB, SEE DWGS. CUL15-08.

ALL EXPOSED EDGES SHALL HAVE A CHAMFER OF 1".

REINFORCEMENT SHALL BE A.S.T.M. A615/M, GRADE 60 AND MEETING THE REQUIREMENTS OF SECTION 556 OF THE SPECIFICATIONS. THE MINIMUM CLEARANCE FOR REINFORCEMENT SHALL BE AS DETAILED ON THE PLANS. THE TOP MAT OF REINFORCEMENT SHALL BE EPOXY COATED.

THE ENTIRE TOP SLAB AND LEGS OF THE BOX UNIT SHALL BE COVERED WITH SHEET APPLIED WATERPROOFING MEMBRANE. STRIPS OF WATERPROOFING MEMBRANE SHALL BE PLACED OVER THE JOINTS BETWEEN THE BOX AND END SECTIONS.

WHERE EPOXY THREADED INSERTS ARE SHOWN ANY NON-CORROSIVE MECHANICAL CONNECTOR MEETING STANDARD SPECIFICATION SECTION 709-10 MAY BE USED AS AN ALTERNATIVE.

DOWEL BARS USED TO ATTACH THE CUT-OFF WALL TO THE BOX CULVERT SHALL BE DRILLED AND GROUTED PER THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 586 EXCEPT THE GROUT SHALL MEET THE REQUIREMENTS OF §701-06 (PULL-OUT TEST NOT REQUIRED); THE KEYWAY SHALL BE GROUTED WITH THE SAME MATERIAL AS THE DOWELS. PLACE A BEAD OF CAULK, CLOSED CELL FOAM OR OTHER SUITABLE MATERIAL ON BOTH SIDES OF THE KEYWAY TO CONTAIN THE GROUT.

TOP OF BOX UNITS SHALL BE CROWNED AT 1.0% FROM @ BOX TO DRAIN.

PRECAST CONCRETE BOX UNIT REFORCEMENT COVER REQUIREMENTS:
- TOP OF PRECAST BOX UNIT 2"
- ALL OTHER PRECAST BOX UNIT FACES 1"

FOR DETAILS SEE SHEETS MSD-01 THROUGH MSD-03.

HYDRAULIC NOTES:

THE COST OF DEWATERING THE ENTIRE EXCAVATION, REGARDLESS OF THE SOURCE OF WATER, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE EXCAVATION ITEM(S).

ORDINARY HIGH-WATER IS ESTIMATED TO BE 474.45. ORDINARY HIGH WATER IS ASSUMED TO BE THE WATER SURFACE ELEVATION FOR THE MAXIMUM PROBABLE FISH HATCHERY DISCHARGE.

ORDINARY WATER IS ESTIMATED TO BE 474.20. ORDINARY HIGH WATER IS DEFINED AS THE HIGHEST SURFACE WATER ELEVATION LIKELY TO BE ENCOUNTERED DURING ONE CONSTRUCTION SEASON (EXCLUDING MAJOR FLOODS).

LOW WATER IS ESTIMATED TO BE 473.00 LOW WATER IS DEFINED AS THE NORMAL LOW WATER ELEVATION PREVALENT DURING ONE CONSTRUCTION SEASON FOR MORE THAN 25% OF THE TIME. IT IS AN OBSERVED ELEVATION RATHER THAN A COMPUTED ONE.

THE MAXIMUM DISCHARGE OF THE FISH HATCHERY IS 2.82 FT/S. THE TYPICAL DISCHARGE VELOCITY IS 2.19 FT/S

FOUNDATION NOTES:

UNLESS OTHERWISE SHOWN ON THE CONTRACT PLANS, REMOVE EXISTING SUBSTRUCTURES AS FOLLOWS:

- COMPLETELY REMOVE THE PORTION OF THE EXISTING SUBSTRUCTURE WITHIN A LATERAL LIMIT OF 3 FEET OF THE NEW SUBSTRUCTURE.
- REMOVE THE PORTION OF THE EXISTING SUBSTRUCTURE THAT IS OUTSIDE OF THIS LATERAL LIMIT AS FOLLOWS:
 - EXISTING SUBSTRUCTURE LOCATED UNDER ROADWAY - REMOVE TO 2.0 FEET BELOW SUBGRADE SURFACE.
 - EXISTING SUBSTRUCTURE LOCATED UNDER APPROACH EMBANKMENT END SLOPE - REMOVE TO ELEVATION WHERE IT INTERSECTS THE BOTTOM OF THE STONE FILLING.
 - EXISTING SUBSTRUCTURE AT ALL OTHER LOCATIONS - REMOVE TO 1.0 FOOT BELOW FINISHED GRADE.

AFFIX SEAL: ON:		ALTERED BY: ON:									
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		LARGE CULVERT REPLACEMENT	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553		
				ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER					SITE 15 NOTES & INDEX		DRAWING NO. CUL15-01
				S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46							SHEET NO. 60
				CITY OF ROME							
				COUNTY: ONEIDA	REGION: 2	IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					

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DATE = 6/26/2025
TIME = 12:07:26 PM

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\$USERS\$
\$PENTBL\$

DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK W. KANIECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE

LOAD RATING (LFD)		
INVENTORY	HS	TONS
OPERATING	HS	TONS
LRFR RATING FACTORS		
INVENTORY	HL-93	
OPERATING	HL-93	

THE LOAD RATING TABLE SHALL BE FILLED IN BY THE EIC FROM INFORMATION RECEIVED FROM THE CONTRACTOR AFTER REVIEW AND APPROVAL BY THE DCES. THE SUBMITTED LOAD RATING INFORMATION SHALL BE IN ACCORDANCE WITH THE AASHTO "MANUAL FOR BRIDGE EVALUATION" WITH ALL INTERIM PROVISIONS IN EFFECT. THE CONTRACTOR SHALL PROVIDE LOAD RATINGS IN BOTH THE LOAD FACTOR RATING (LFD) METHOD AND THE LOAD AND RESISTANCE FACTOR RATING (LRFR) METHOD. THE CONTRACTOR SHALL ALSO PROVIDE ALL LOAD RATING COMPUTATIONS TO THE REGIONAL STRUCTURES ENGINEER.

BOX CULVERT DESIGN DATA	
CLEAR SPAN, ft.	6.0
STRUCTURE RISE, ft.	6.0
* MIN. FILL HEIGHT, ft.	1.3
* MAX. FILL HEIGHT, ft.	6.2
SKEW ANGLE $\perp$ TO $\angle$ OF ROADWAY, DEG.	18° 51' 00"
LIVE LOAD	HL93 W/LRFR INV. FACTOR ≥ 1.2
RAILING / BARRIER TEST LEVEL	N/A

*BASED ON ASSUMED TOP SLAB THICKNESS OF 1 FT. FABRICATOR SHALL ADJUST BASED ON ACTUAL TOP SLAB THICKNESS, MEASURED FROM THE TOP OF THE TOP SLAB TO THE TOP OF THE PAVEMENT. MAXIMUM FILL HEIGHT IS BASED ON STAGE 2 DETOUR ROADWAY. MAXIMUM FILL HEIGHT ON ROUTE 46 IS 3.9 FT.

GEOTECHNICAL WINGWALL DESIGN DATA						
FRICTION ANGLE OF SOIL RETAINED BY THE WALL (DEGREES)	FRICTION ANGLE OF FOUNDATION SOIL (DEGREES)	TOTAL SOIL UNIT WEIGHT (lb/ft ³)	MAXIMUM SERVICE LIMIT STATE BEARING RESISTANCE (lb/ft ²)	NOMINAL COEFFICIENT OF FRICTION FOR SLIDING	STRENGTH LIMIT STATE RESISTANCE FACTOR FOR SLIDING	STRENGTH LIMIT STATE RESISTANCE FACTOR FOR BEARING
34	30	120	3.5	0.46	0.90	0.45

1. FOR THE SLIDING AND ECCENTRICITY ANALYSES, ASSUME A GROUND WATER ELEVATION OF 474 FEET.
2. FOR THE BEARING ANALYSES, ASSUME A GROUNDWATER ELEVATION OF 468 FEET.
3. USE SUBMERGED UNIT WEIGHTS BELOW THE GROUNDWATER ELEVATIONS PROVIDED.
4. ASSUME A SURCHARGE LOAD OF 250 POUNDS PER SQUARE FOOT.

AFFIX SEAL:
ON:



ALTERED BY:
ON:

GUIDE RAIL POST NOTE: WHEN THE FILL OVER THE CULVERT AT A POST IS LESS THAN 3'-4" THE GUIDE RAIL POST SHALL BE SHORTENED 6". IF MORE THAN ONE POST MUST BE SHORTENED THE POSTS SHALL BE SPACED SUCH THAT THE DISTANCE BETWEEN THE SHORTENED POSTS AND AN ADJACENT POST IS 3'-0".

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER
S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46
CITY OF ROME
COUNTY: ONEIDA

PIN 2LC1.31
PIN 2650.61

BRIDGES

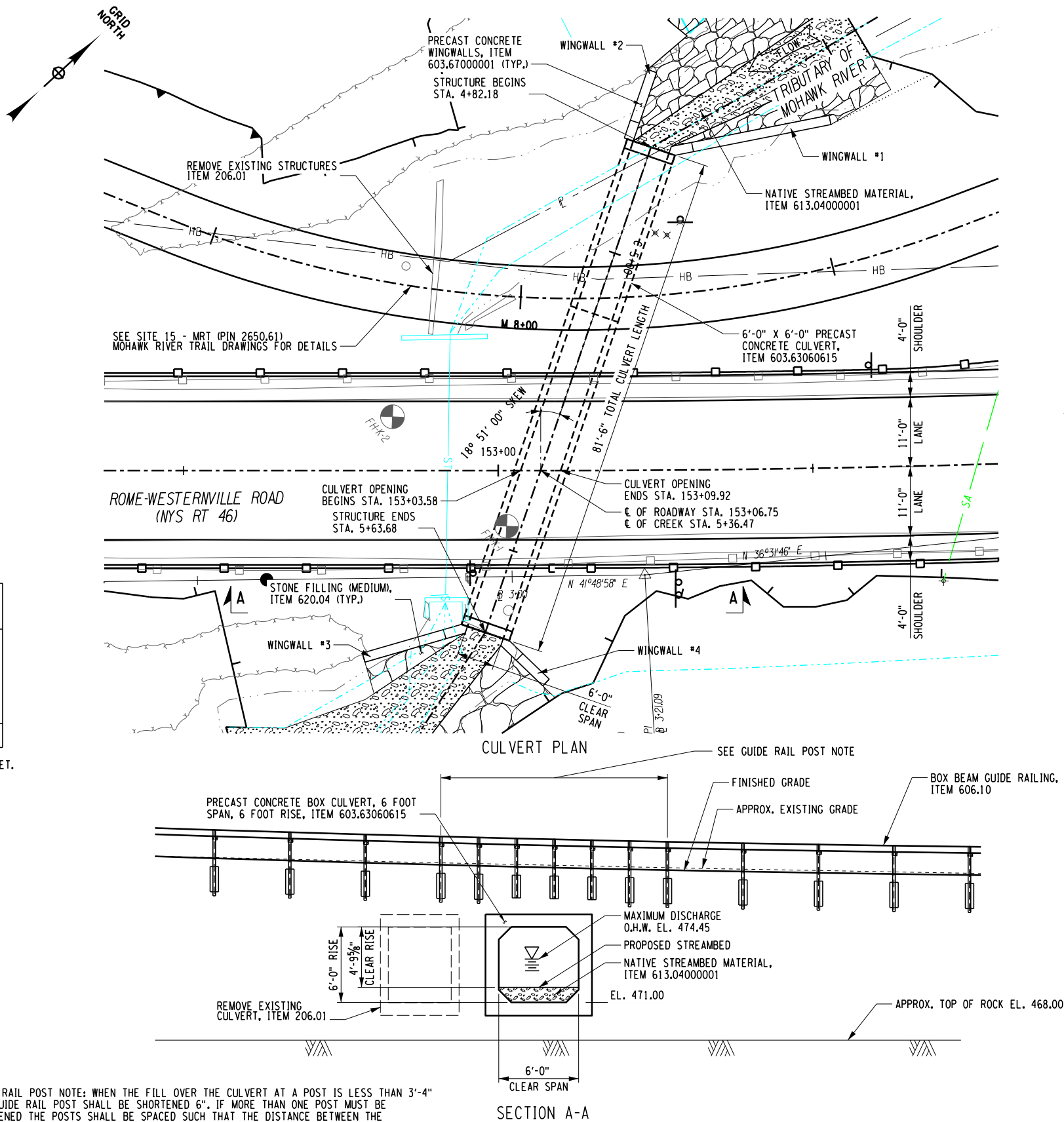
CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
SITE 15
CULVERT PLAN & ELEVATION

CONTRACT NUMBER
D265553

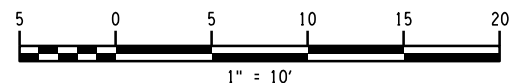
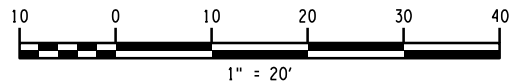
DRAWING NO. CUL15-02
SHEET NO. 61

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



TO ROME

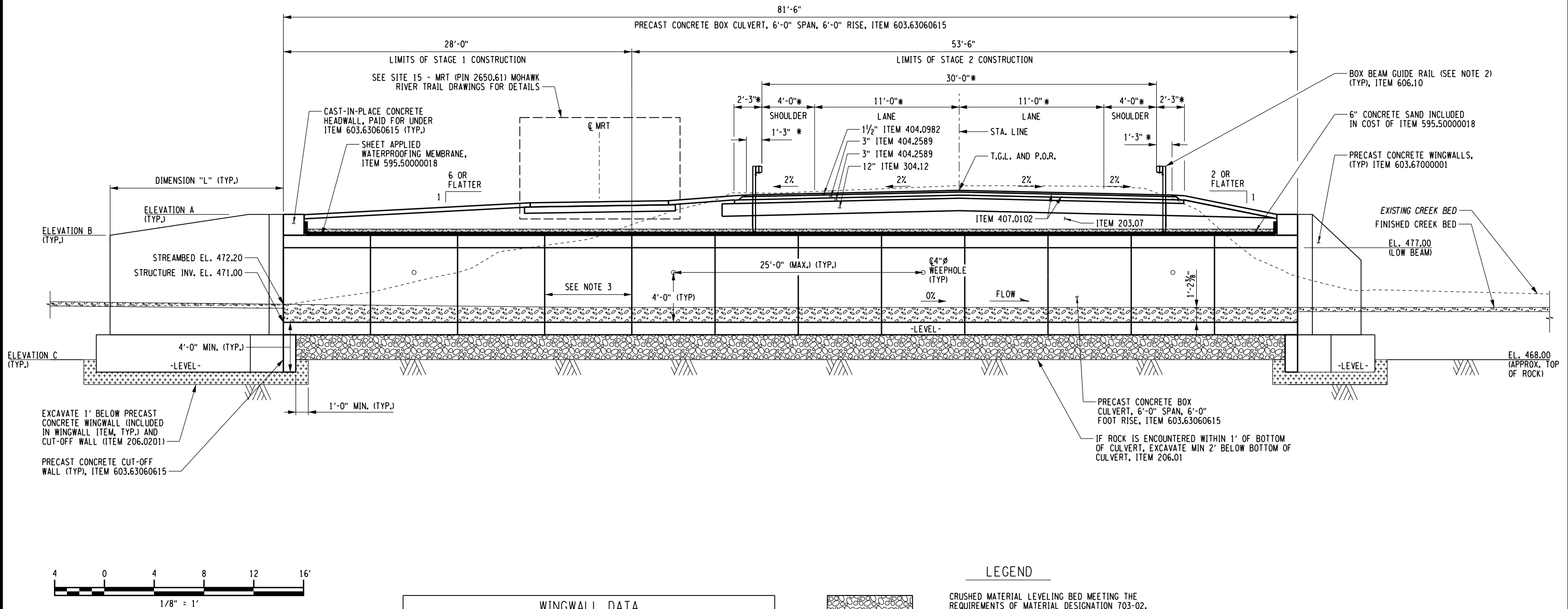
TO WESTERVILLE



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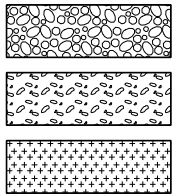
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\$PENTBL\$

DESIGN SUPERVISOR B. MILLER
JOB MANAGER W. FRYE
DESIGN M. CUCITI/R. MIER
CHECK W. KANIECKI
DRAFTING V. GREGG
CHECK M. CUCITI
PROJECT MANAGER W. FRYE



WINGWALL DATA				
LOCATION	ELEVATION A	ELEVATION B	ELEVATION C	DIMENSION "L"
WINGWALL 1	479.67	477.00	467.00	24.50
WINGWALL 2	479.67	477.42	467.00	10.50
WINGWALL 3	479.67	476.67	467.00	15.50
WINGWALL 4	479.67	477.25	467.00	8.25

DIMENSION "L" MEASURED ALONG FRONT FACE OF WINGWALL.



LEGEND

CRUSHED MATERIAL LEVELING BED MEETING THE REQUIREMENTS OF MATERIAL DESIGNATION 703-02, CONSISTING OF A MIXTURE OF STONE SIZE DESIGNATIONS 1 AND 2. COST TO BE INCLUDED IN ITEM 603.63060615.

NATIVE STREAMBED MATERIAL, ITEM 613.04000001

SUBBASE COURSE, TYPE 2, ITEM 304.12, COST TO BE INCLUDED IN THE ASSOCIATED PRECAST ITEM

NOTES:

- * DENOTES DIMENSION IS MEASURED PERPENDICULAR TO OVER ROADWAY
- WHEN THE FILL OVER THE CULVERT AT A POST IS LESS THAN 3'-4" THE GUIDE RAIL POST SHALL BE SHORTENED 6". IF MORE THAN ONE POST MUST BE SHORTENED THE POSTS SHALL BE SPACED SUCH THAT THE DISTANCE BETWEEN THE SHORTENED POSTS AND AN ADJACENT POST IS 3'-0".
- THE LENGTH OF EACH CULVERT SEGMENT SHALL BE DETERMINED BY THE CONTRACTOR. IF STAGED CONSTRUCTION IS EMPLOYED, THE PRECAST BOX CULVERT SEGMENT LENGTH MUST BE COMPATIBLE WITH STAGING REQUIREMENTS.

AFFIX SEAL: ON:

ALTERED BY: ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT
ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER
S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46
CITY OF ROME
COUNTY: ONEIDA REGION: 2

PIN 2LC1.31
PIN 2650.61

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
SITE 15
TYPICAL CULVERT SECTION

CONTRACT NUMBER
D265553

DRAWING NO. CUL15-03
SHEET NO. 62

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

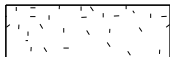
NEW YORK STATE
Department of Transportation

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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

LEGEND



SELECT GRANULAR FILL (ITEM 203.07)



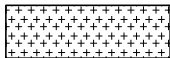
EMBANKMENT IN PLACE (ITEM 203.03)



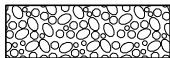
NATIVE STREAMBED MATERIAL
(ITEM 613.04000001)



STONE FILLING (MEDIUM) (ITEM 620.04)



SUBBASE COURSE, TYPE 2, ITEM 304.12,
COST TO BE INCLUDED IN THE ASSOCIATED
PRECAST ITEM



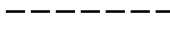
CRUSHED MATERIAL LEVELING BED MEETING
THE REQUIREMENTS OF MATERIAL
DESIGNATION 703.02 CONSISTING OF A
MIXTURE OF STONE SIZE DESIGNATIONS 1
AND 2, COST TO BE INCLUDED IN ITEM
603.63060615



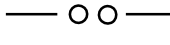
BEDDING MATERIAL (TYPE 1), ITEM 620.0801



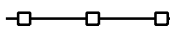
GRSS WALL (ITEM 554.3001)



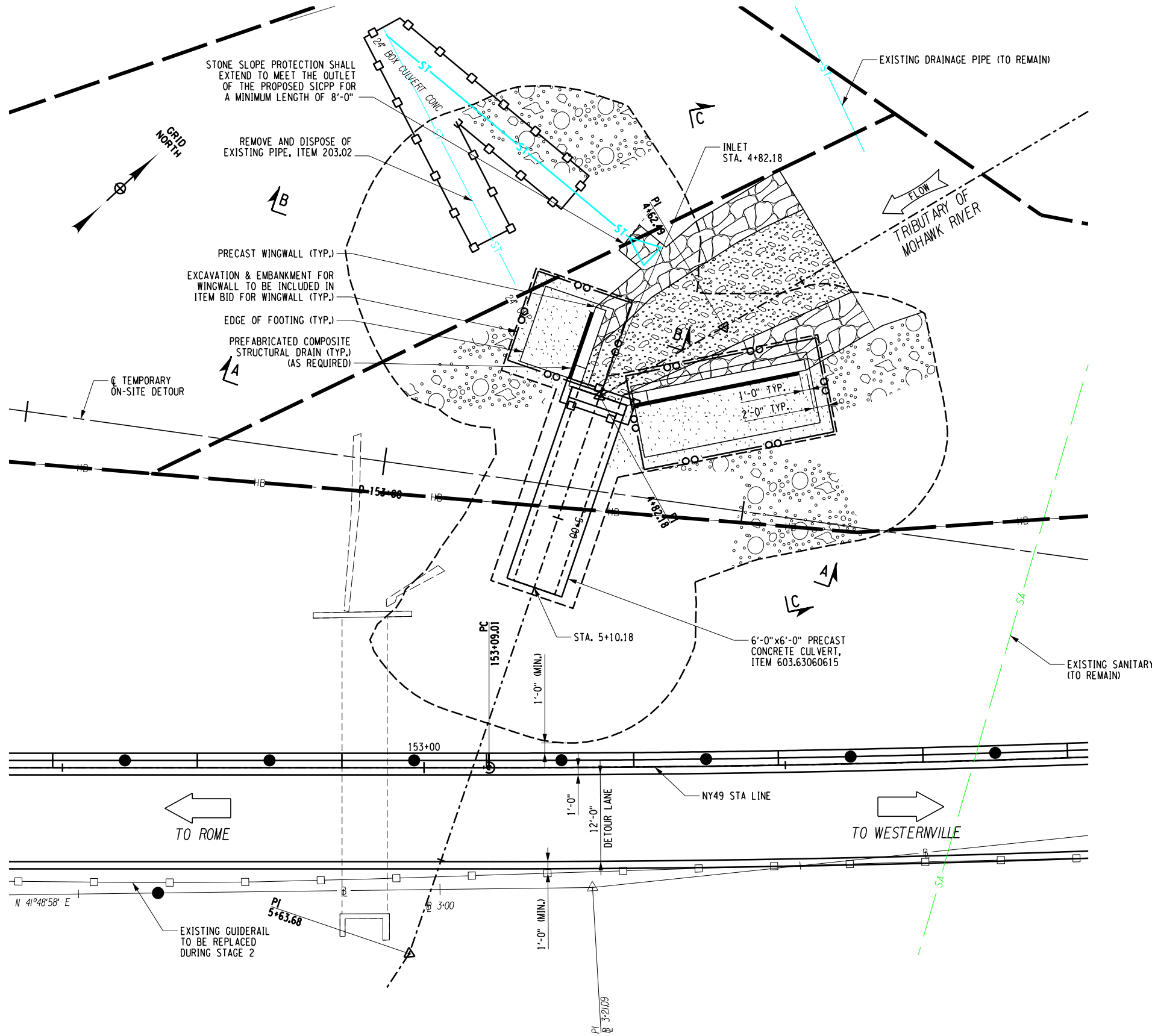
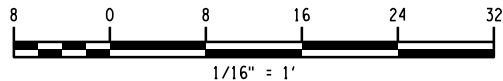
AREA ENCLOSED WITHIN THESE LINES
DESIGNATES PAYMENT LINES FOR
STRUCTURE EXCAVATION (ITEM 206.01)



WITHIN THESE LINES, EXCAVATE AND
BACKFILL IN ACCORDANCE WITH THE ITEMS
INDICATED. PAYMENT FOR ALL ITEMS WITHIN
THESE LINES SHALL BE INCLUDED IN THE
PRICE BID FOR THE WINGWALL ITEM.



AREA ENCLOSED WITHIN THESE LINES
DESIGNATES PAYMENT LINES FOR TRENCH &
CULVERT EXCAVATION - ITEM 206.0201



AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER					D265553	
	S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46				DRAWING NO. CUL15-04 SHEET NO. 63		
	CITY OF ROME						
	COUNTY: ONEIDA REGION: 2						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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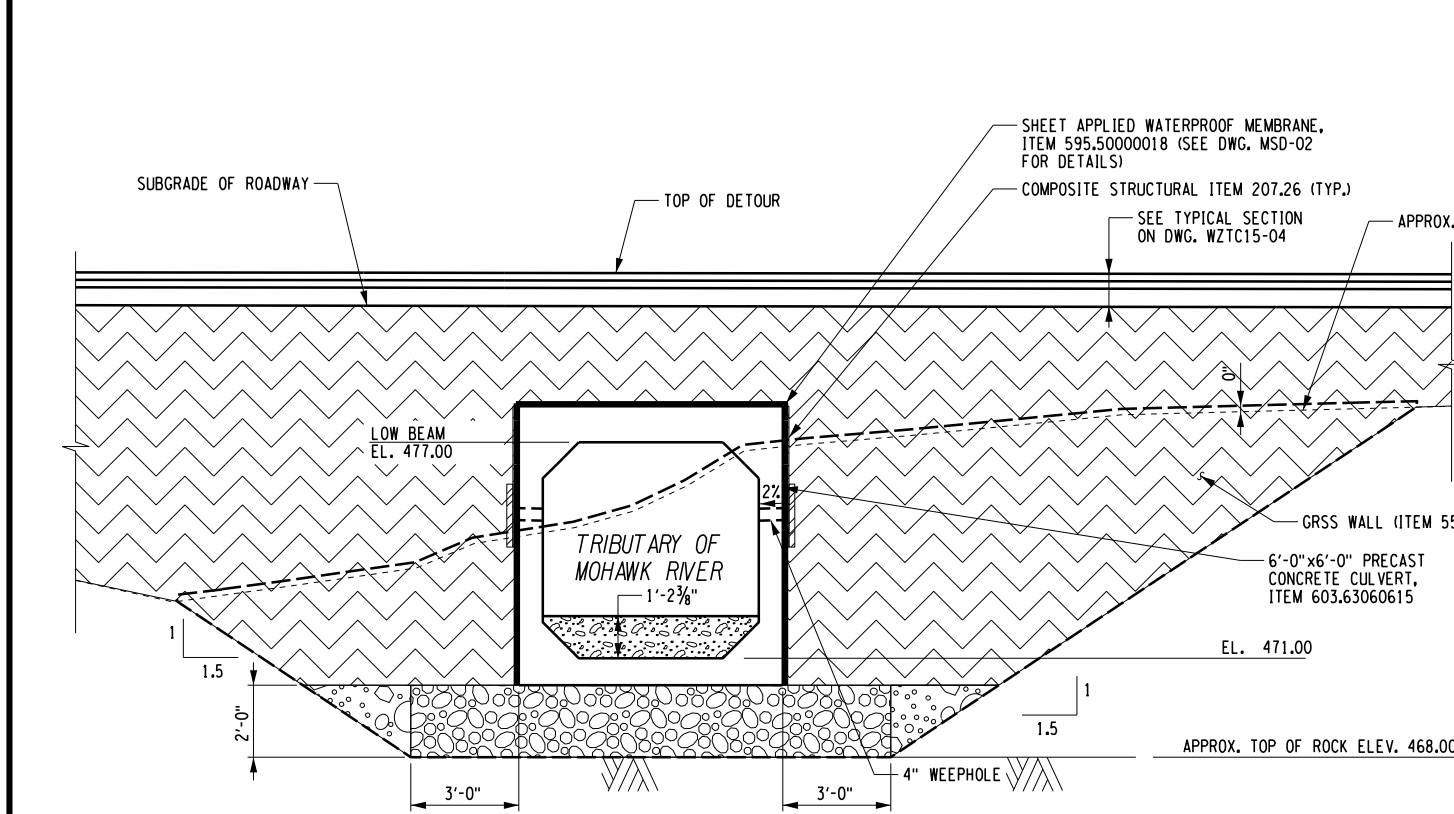
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DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE

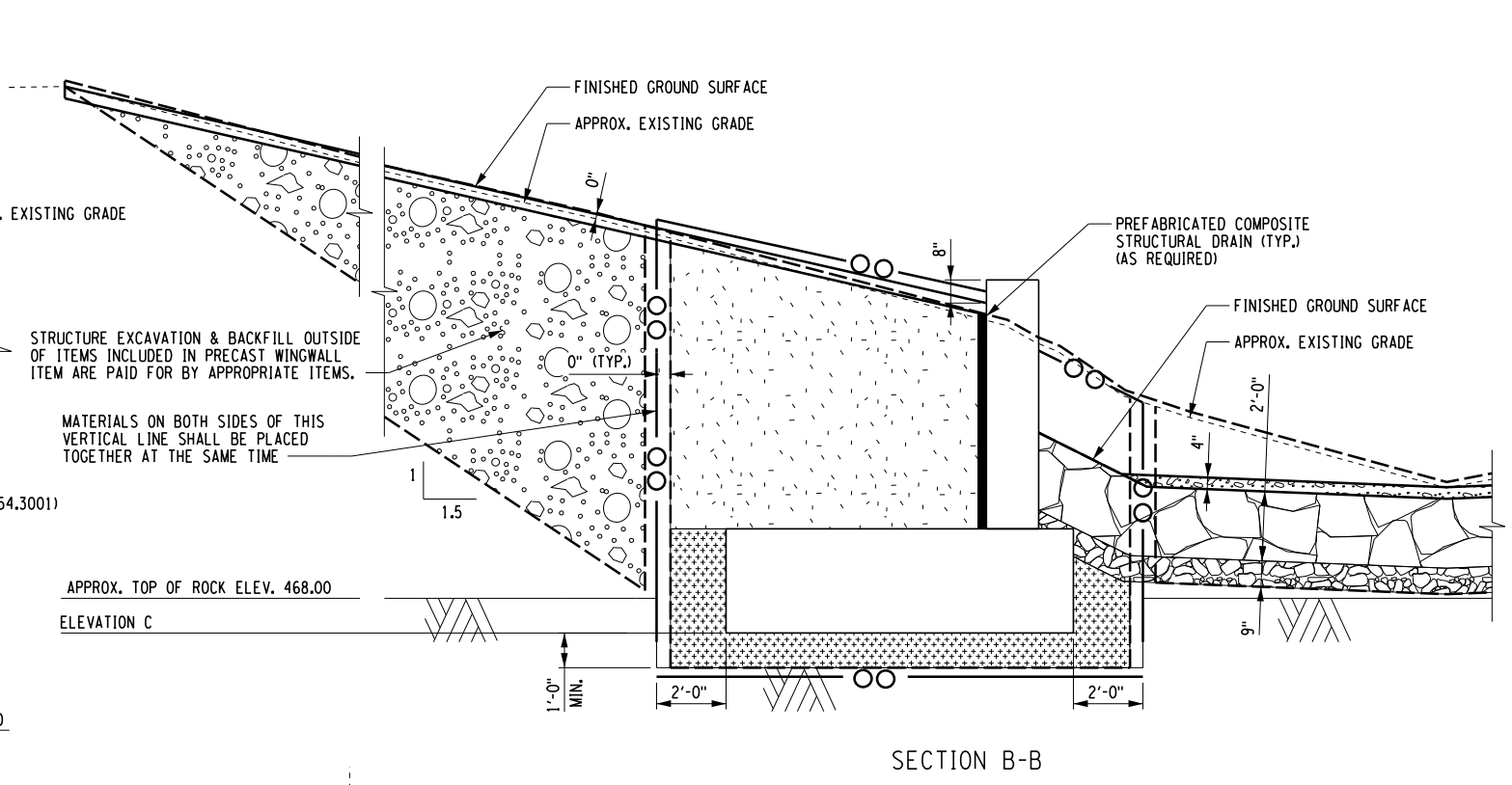
AFFIX SEAL:
ON:



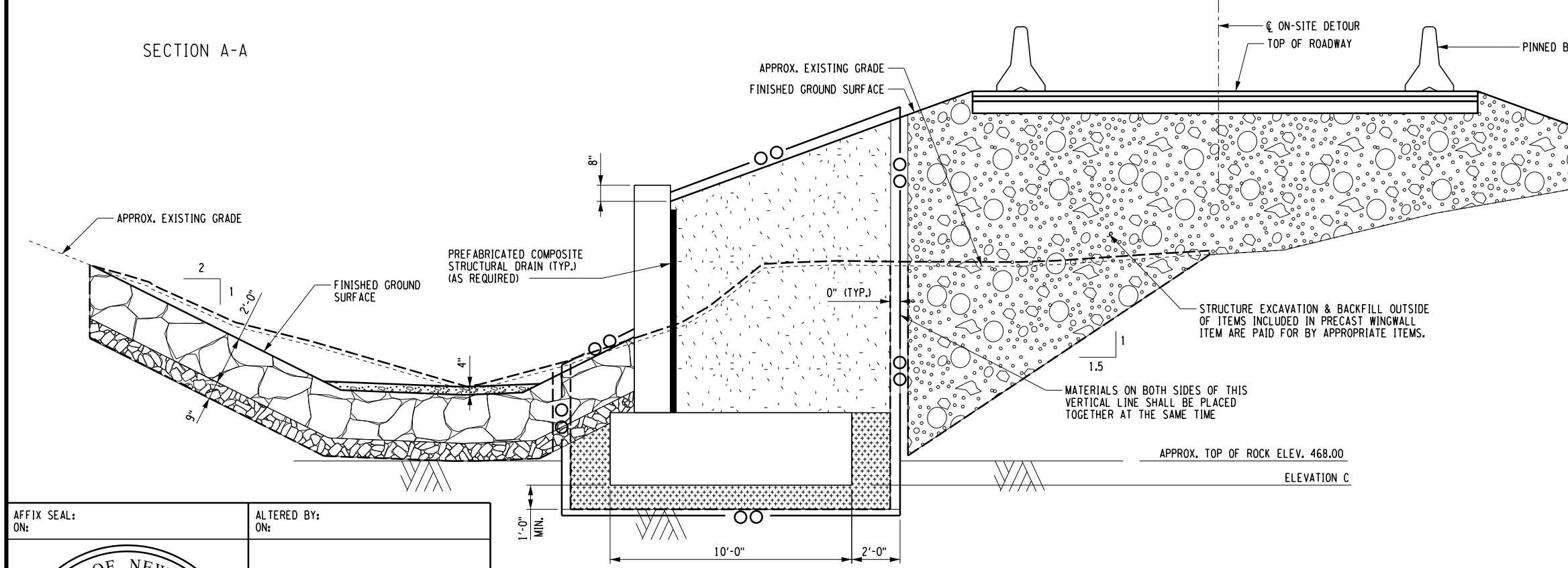
ALTERED BY:
ON:



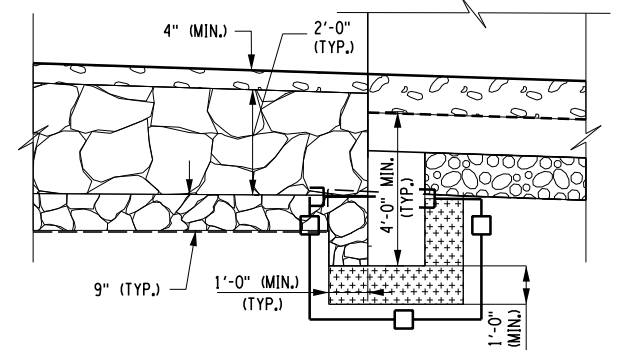
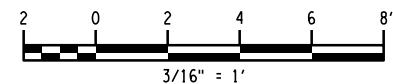
SECTION A-A



SECTION B-B



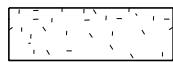
SECTION C-C



TYPICAL INLET AND OUTLET PROTECTION SECTION
NTS

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
	ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER				D265553		
	S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46				SITE 15 EXCAVATION SECTIONS STAGE 1	DRAWING NO.	CUL15-05
	CITY OF ROME					SHEET NO.	64
	COUNTY: ONEIDA					REGION: 2	
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							

LEGEND



SELECT GRANULAR FILL (ITEM 203.07)



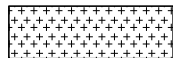
EMBANKMENT IN PLACE (ITEM 203.03)



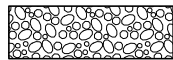
NATIVE STREAMBED MATERIAL
(ITEM 613.04000001)



STONE FILLING (MEDIUM) (ITEM 620.04)



SUBBASE COURSE, TYPE 2, ITEM 304.12,
COST TO BE INCLUDED IN THE ASSOCIATED
PRECAST ITEM



CRUSHED MATERIAL LEVELING BED MEETING
THE REQUIREMENTS OF MATERIAL
DESIGNATION 703.02 CONSISTING OF A
MIXTURE OF STONE SIZE DESIGNATIONS 1
AND 2, COST TO BE INCLUDED IN ITEM
603.63060615



BEDDING MATERIAL (TYPE 1), ITEM 620.0801

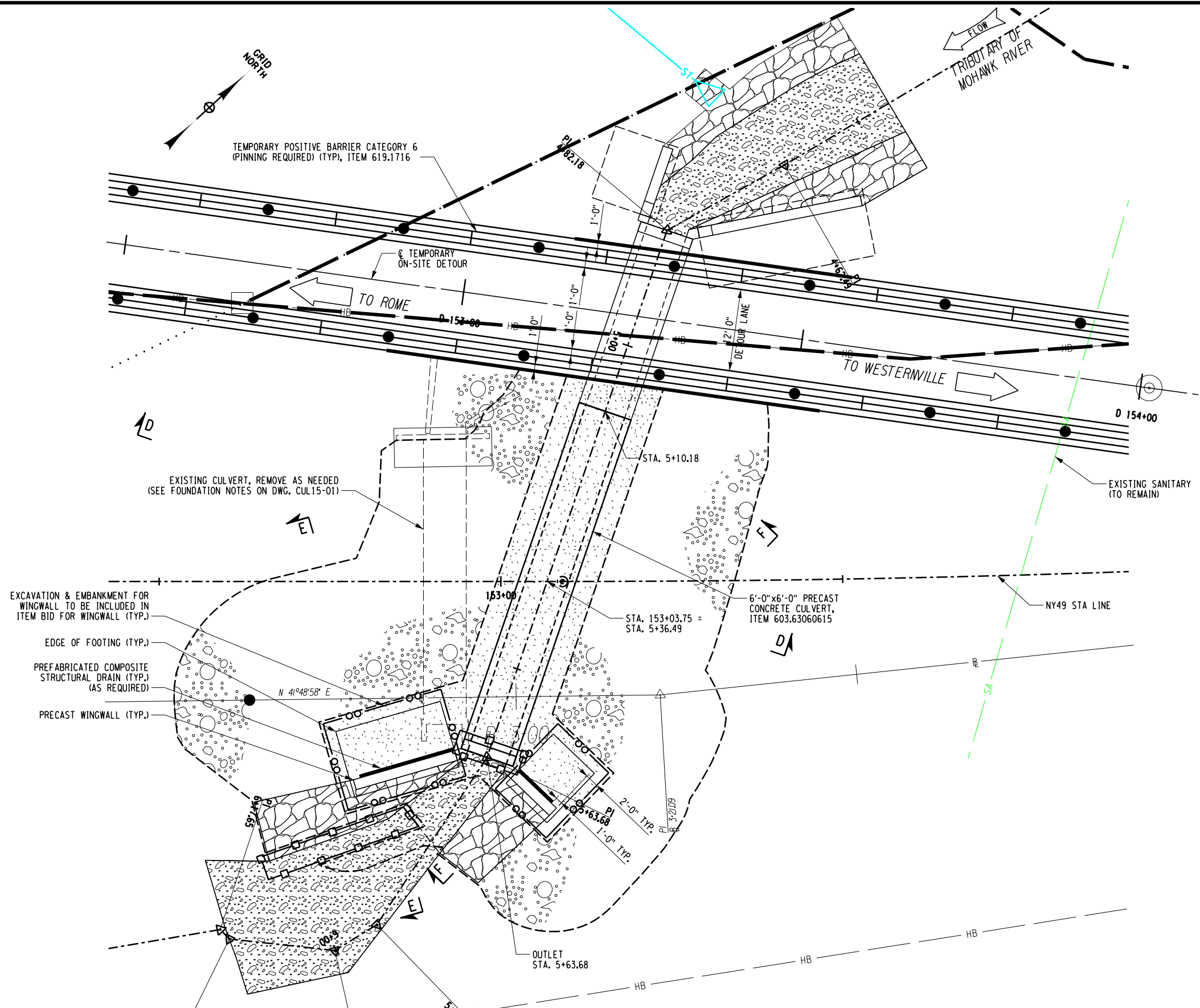
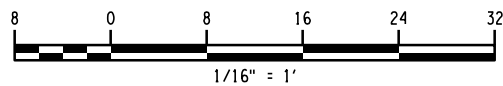


GRSS WALL (ITEM 554.3001)

AREA ENCLOSED WITHIN THESE LINES
DESIGNATES PAYMENT LINES FOR
STRUCTURE EXCAVATION (ITEM 206.01)

WITHIN THESE LINES, EXCAVATE AND BACKFILL IN ACCORDANCE WITH THE ITEMS INDICATED. PAYMENT FOR ALL ITEMS WITHIN THESE LINES SHALL BE INCLUDED IN THE PRICE BID FOR THE WINGWALL ITEM.

AREA ENCLOSED WITHIN THESE LINES
DESIGNATES PAYMENT LINES FOR TRENCH &
CULVERT EXCAVATION - ITEM 206.0201



AFFIX SEAL:
ON:

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

LARGE CULVERT REPLACEMENT

ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER

S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46

CITY OF ROME

REGION: 2

PIN 2LC1.31
PIN 2650.61

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15
EXCAVATION PLAN STAGE 2

CONTRACT NUMBER	
-----------------	--

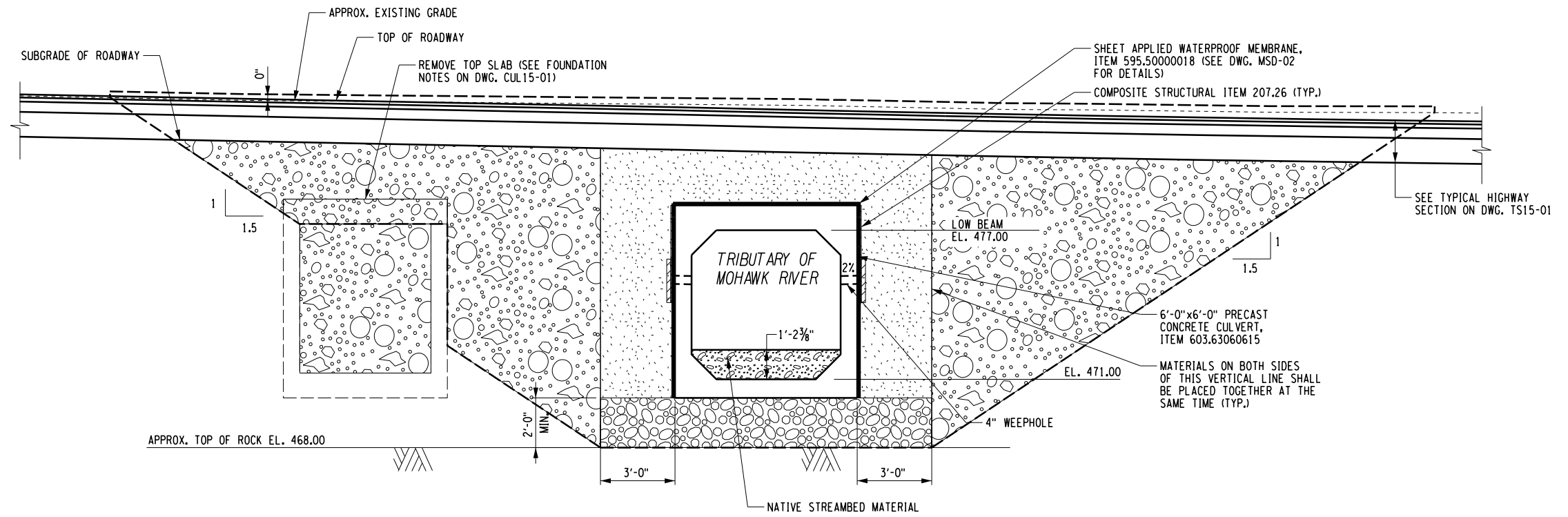
D265553

DRAWING NO. CUL15-06

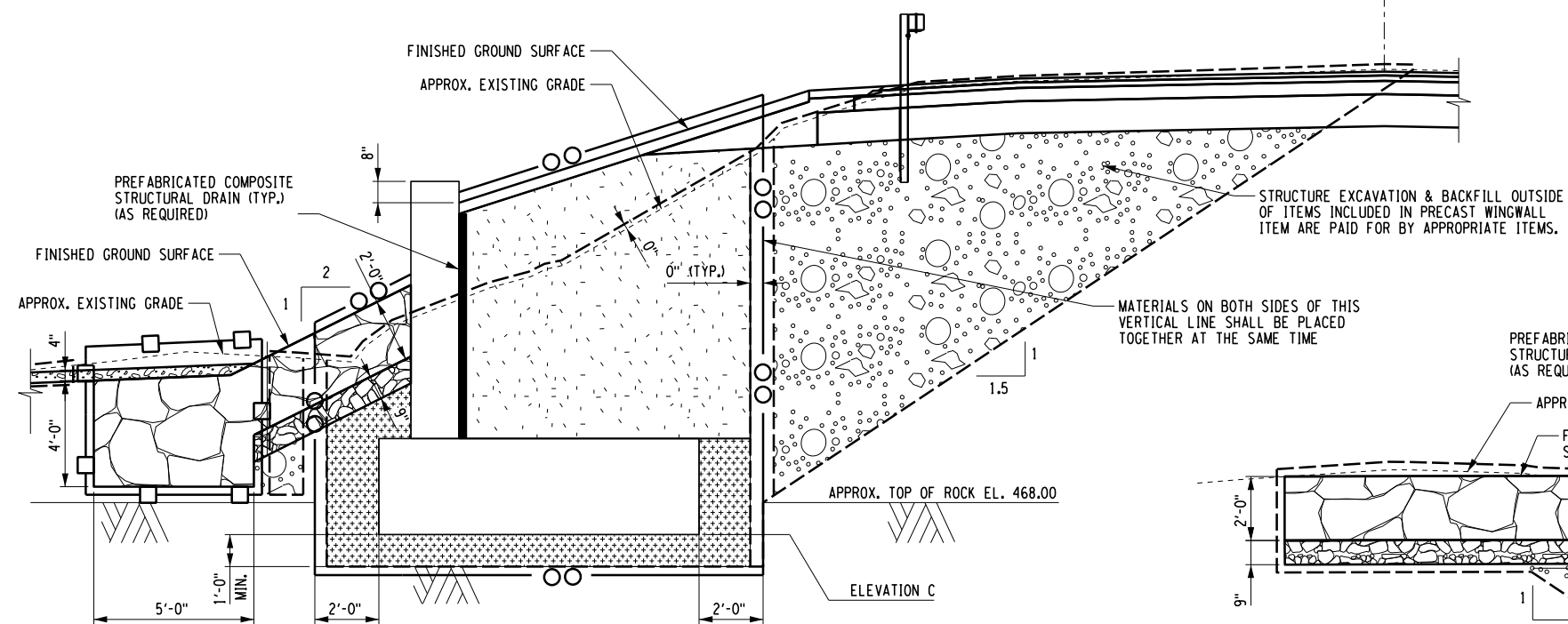
SHEET NO. 65

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

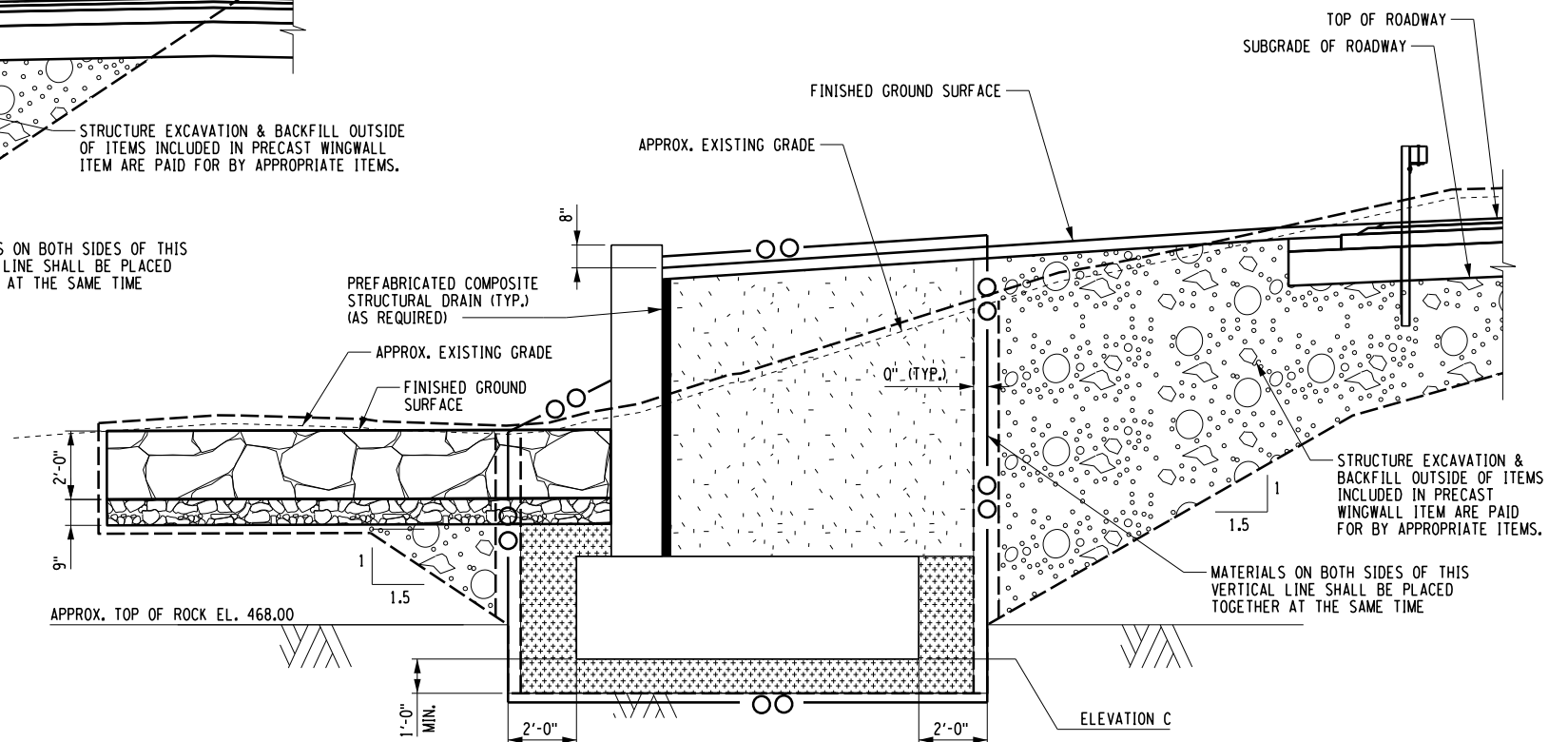




SECTION D-D



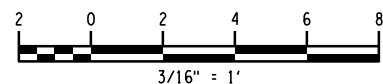
SECTION E-E



SECTION F-F



AFFIX SEAL: ON:	ALTERED BY: ON:
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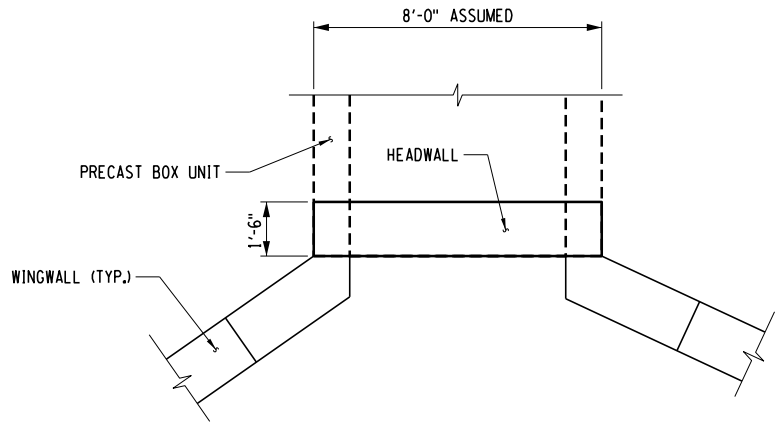


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	LARGE CULVERT REPLACEMENT	PIN 2LC1.31 PIN 2650.61	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553	
	ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER				SITE 15 EXCAVATION SECTIONS STAGE 2		
	S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46						
	CITY OF ROME						
	COUNTY: ONEIDA REGION: 2						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					 Department of Transportation		

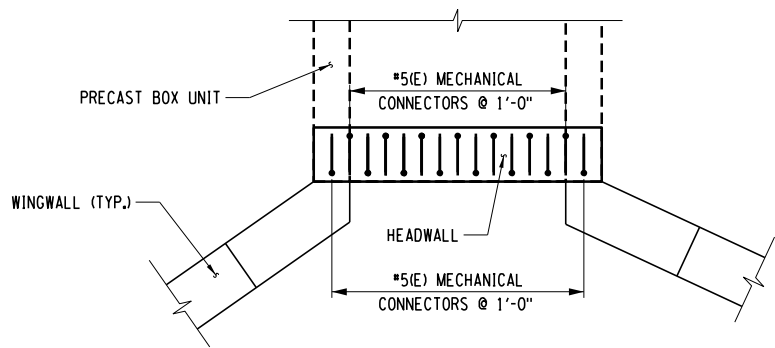
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\$USERS\$

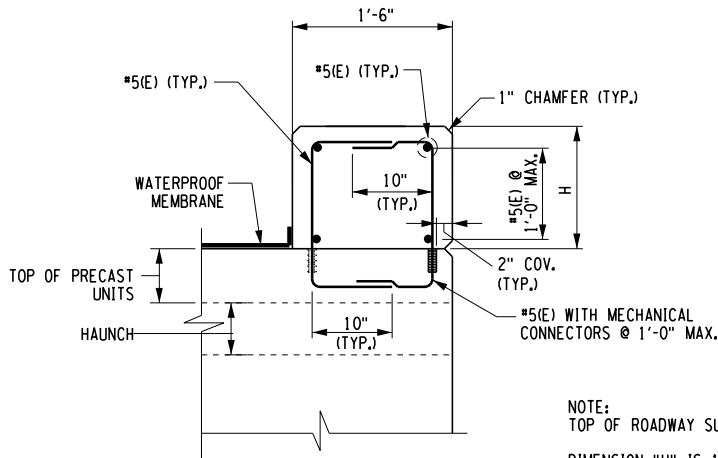
DESIGN SUPERVISOR B. MILLER JOB MANAGER W. FRYE DESIGN M. CUCITI/R. MIER CHECK W. KANIECKI DRAFTING V. GREGG CHECK M. CUCITI PROJECT MANAGER W. FRYE



TYPICAL HEADWALL GEOMETRY PLAN
SCALE: 3/16" = 1'-0"

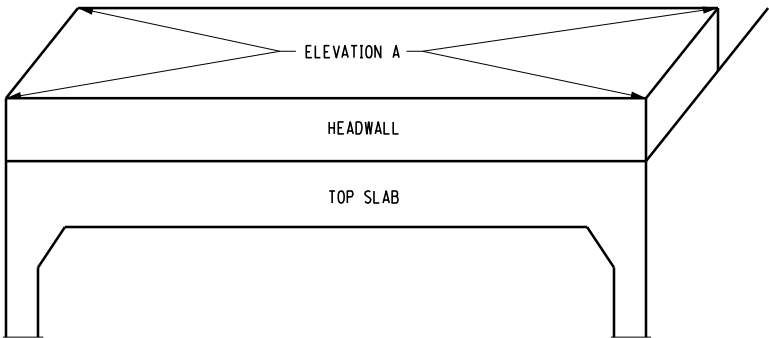


HEADWALL REINFORCEMENT PLAN
SCALE: 3/16" = 1'-0"



NOTE:
TOP OF ROADWAY SURFACE NOT SHOWN.
DIMENSION "H" IS 1'-8" BASED ON
AN ASSUMED TOP SLAB THICKNESS OF 1'-0"

HEADWALL ANCHORAGE SECTION WITH NO RAILING
NOT TO SCALE



HEADWALL ELEVATION
NOT TO SCALE

HEADWALL DATA	
LOCATION	ELEVATION A
INLET HEADWALL	479.67
OUTLET HEADWALL	479.67

- NOTES:
- HEADWALL DIMENSIONS AND RAILING SPACING ARE BASED ON ASSUMED LEG THICKNESS OF 1'-0". IF LEG DIMENSIONS DIFFERS, DIMENSIONS WILL NEED TO BE ADJUSTED.
 - ALL HEADWALL REINFORCEMENT SHALL BE EPOXY COATED IN ACCORDANCE WITH ITEM 556.0202
 - THE COST OF HEADWALLS AND REINFORCEMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 603.63100615.
 - COVER FOR STEEL REINFORCEMENT SHALL BE 2" UNLESS OTHERWISE NOTED.

AFFIX SEAL: ON:		ALTERED BY: ON:	
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		LARGE CULVERT REPLACEMENT ROUTE 46 OVER TRIBUTARY OF MOHAWK RIVER S.H. 562 ROME - NORTHWESTERN, PART 2 - ROUTE 46 CITY OF ROME COUNTY: ONEIDA REGION: 2	PIN 2LC1.31 PIN 2650.61
		BRIDGES	CULVERTS C270026 C260199
		ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	
		SITE 15 HEADWALL PLAN, ELEVATIONS AND DETAILS	
		CONTRACT NUMBER D265553	
		DRAWING NO. CUL15-08 SHEET NO. 67	

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

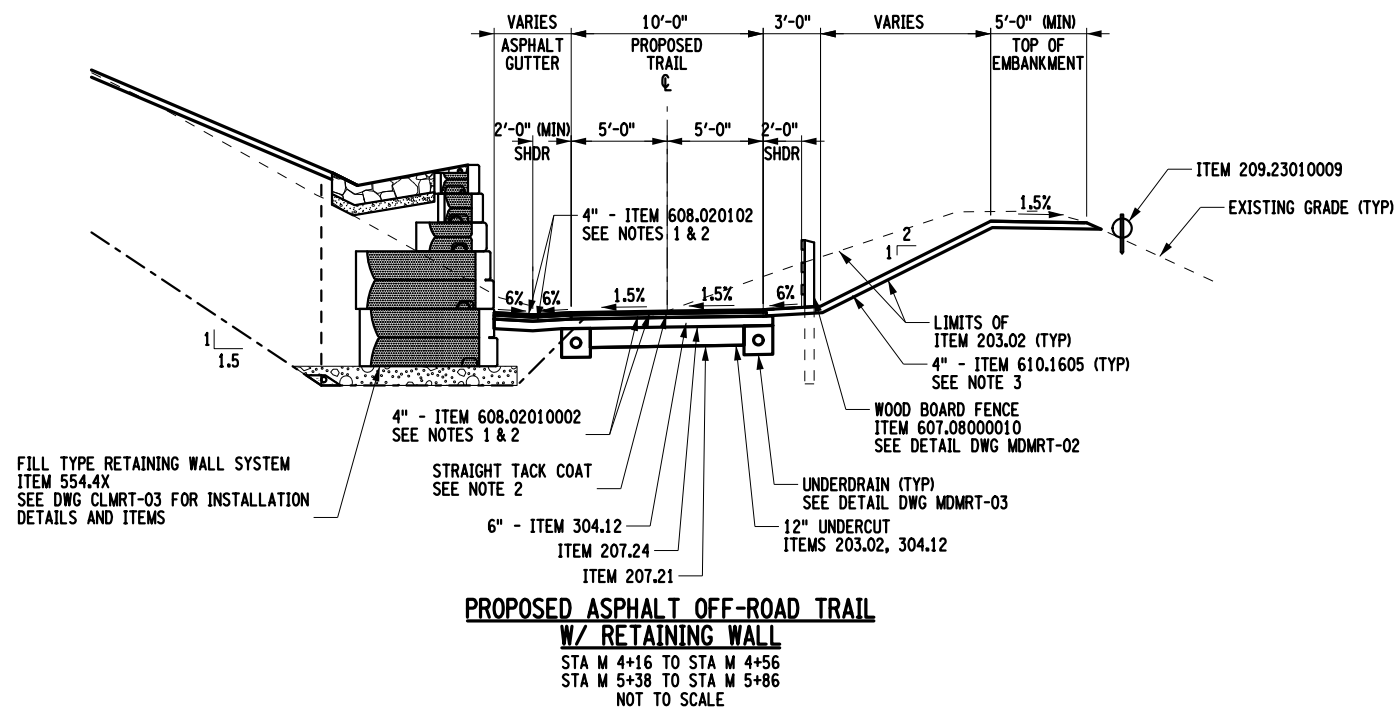
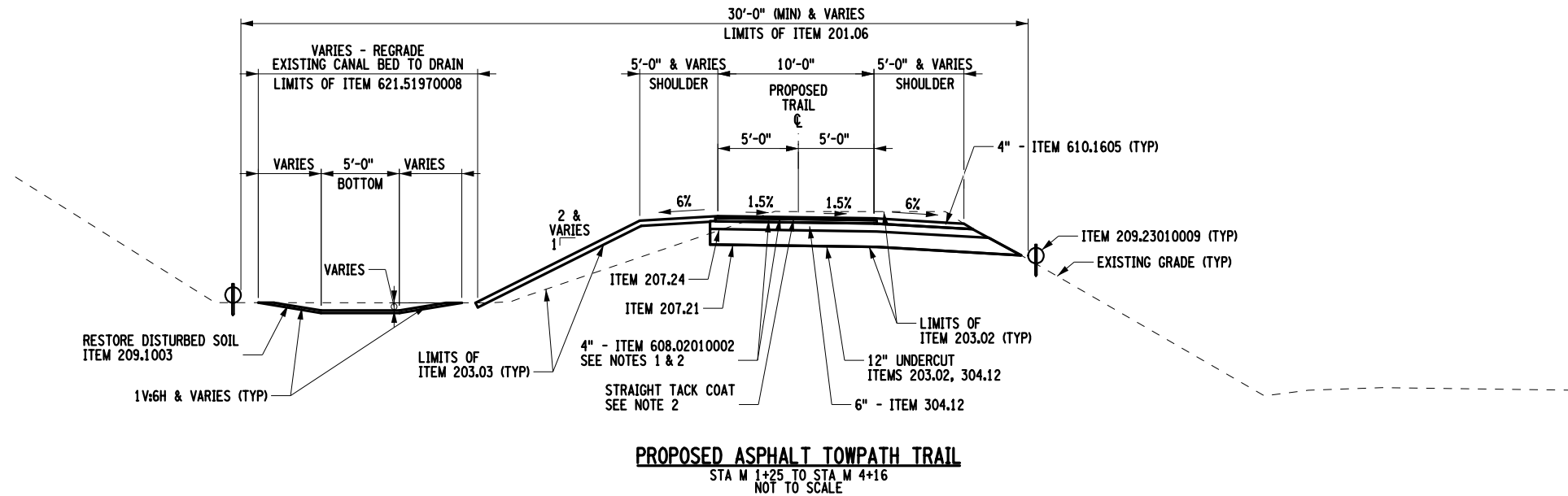
AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

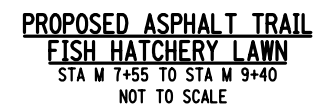
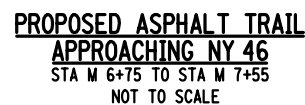
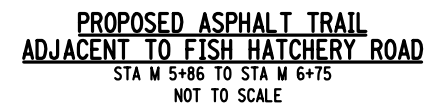
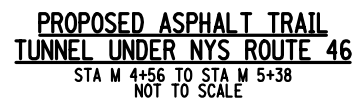
ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:											
203.02	UNCLASSIFIED EXCAVATION	CY	607.08000010	WOOD BOARD FENCE	LF	1. ITEM 608.02010002 AND ITEM 608.020102 SHALL BE APPLIED IN TWO LIFTS; THE FIRST LIFT COMPRISING 2.5 INCHES OF 19.0 MIX ASPHALT AND THE SECOND LIFT COMPRISING 1.5 INCHES OF 9.5 MIX ASPHALT.	2. STRAIGHT TACK COAT MEETING THE SPECIFICATIONS OF NYSDOT ITEM 407.0102 SHALL BE PROVIDED BETWEEN EACH PAVEMENT LIFT IN ACCORDANCE WITH THE SPECIFICATIONS. PER NYSDOT STANDARD SPECIFICATION 608-5.02, THE COST OF TACK COAT IS TO BE INCLUDED IN THE BID PRICE FOR ITEM 608.0201002 AND ITEM 608.020102.	3. TRAIL, SHOULDER, AND GUTTER CROSS SLOPES VARY TO ESTABLISH POSITIVE DRAINAGE PATTERNS AND MATCH OTHER PROPOSED WORK. SEE GRADING AND DRAINAGE PLANS, DWGS GRMRT-01 AND GRMRT-02, FOR DESIGN GRADING INTENT.									
203.03	EMBANKMENT IN PLACE	CY	608.02010002	HOT MIX APSHALT (HMA) SIDEWALKS AND BICYCLE PATHS WITH EMBEDDED PHOTOLUMINESCENT AGGREGATE	TON												
207.21	GEOTEXTILE SEPARATION	SY	608.020102	ASPHALT SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON												
207.24	GEOTEXTILE STABILIZATION	SY															
209.1003	SEED AND MULCH - TEMPORARY	SY															
209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES	LF	610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY												
304.12	SUBBASE COURSE, TYPE 2	CY	621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHESAND STREAMBEDS	LF												
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:			MOHAWK RIVER TRAIL		PIN 2650.61 / 2LC1.31		BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265553						
			PHASE 3						SITE 15 - MRT (PIN 2650.61) TYPICAL SECTIONS		DRAWING NO. TSMRT-01 SHEET NO. 68						
			CITY OF ROME														
COUNTY: ONEIDA		REGION: 2															
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.												Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPINET.COM				CITY OF ROME	





FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION	CY			
209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES	LF			
304.12	SUBBASE COURSE, TYPE 2	CY			
404.0982	9.5 F2 TOP COURSE ASPHALT, 80 SERIES COMPACTION	TON			
404.2589	25 F9 BINDER COURSE ASPHALT, 80 SERIES COMPACTION	TON			
407.0102	DILUTED TACK COAT	GAL			
418.7603	ASPHALT JOINT ADHESIVE	LF			
606.10	BOX BEAM GUIDE RAILING	LF			
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY			

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

PIN 2650.61 / 2LC1.31

UTILQLVL C

REGION: 2

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
TYPICAL SECTIONS

CONTRACT NUMBER
D265553

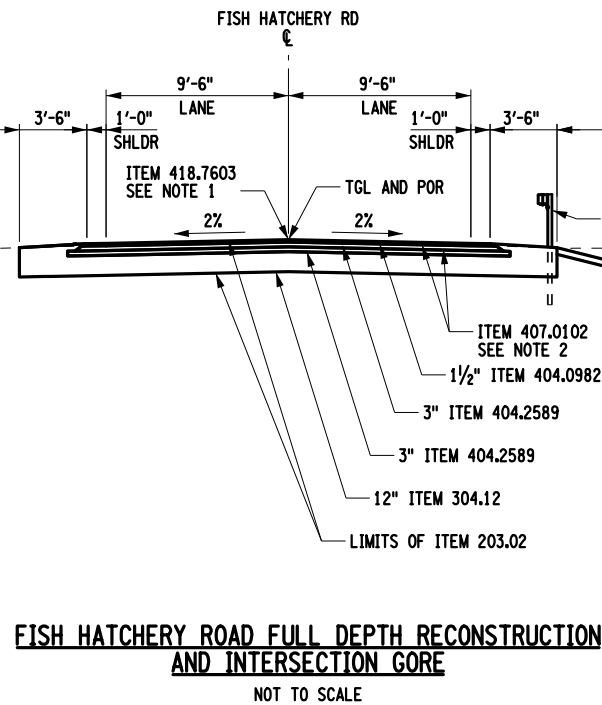
DRAWING NO. TSMRT-03
SHEET NO. 70

GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME



FILL TYPE RETAINING WALL SYSTEM
ITEM 554.4X
SEE DWG CLMRT-03 FOR INSTALLATION
DETAILS AND ITEMS

FINISHED GRADE

4" ITEM 610.1605

3'-6"

SEE NOTE 4

SHOULDER
1'-3"
(TYP)
VARIES
(SEE NOTE 3)

ITEM 418.7603
SEE NOTE 1

VARIES

ITEM 649.11

TGL AND POR
VARIES

VARIES
(SEE NOTE 3)

ITEM 606.10 (TYP)

ROUND A.O.B.E. (TYP)

2 OR
FLATTER

FINISHED GRADE (TYP)

ORIGINAL GROUND (TYP)

ITEM 407.0102
(SEE NOTE 2)

1 1/2" ITEM 404.0982

3" ITEM 404.2589

3" ITEM 404.2589

12" ITEM 304.12

LIMITS OF ITEM 203.02

NY 46 FULL DEPTH RECONSTRUCTION

NOT TO SCALE

VARIES
SEE GRADING AND DRAINAGE PLAN, DWG GRMRT-01

ITEM 606.10 (TYP)

4" ITEM 610.1605

ITEM 407.0102
SEE NOTE 2

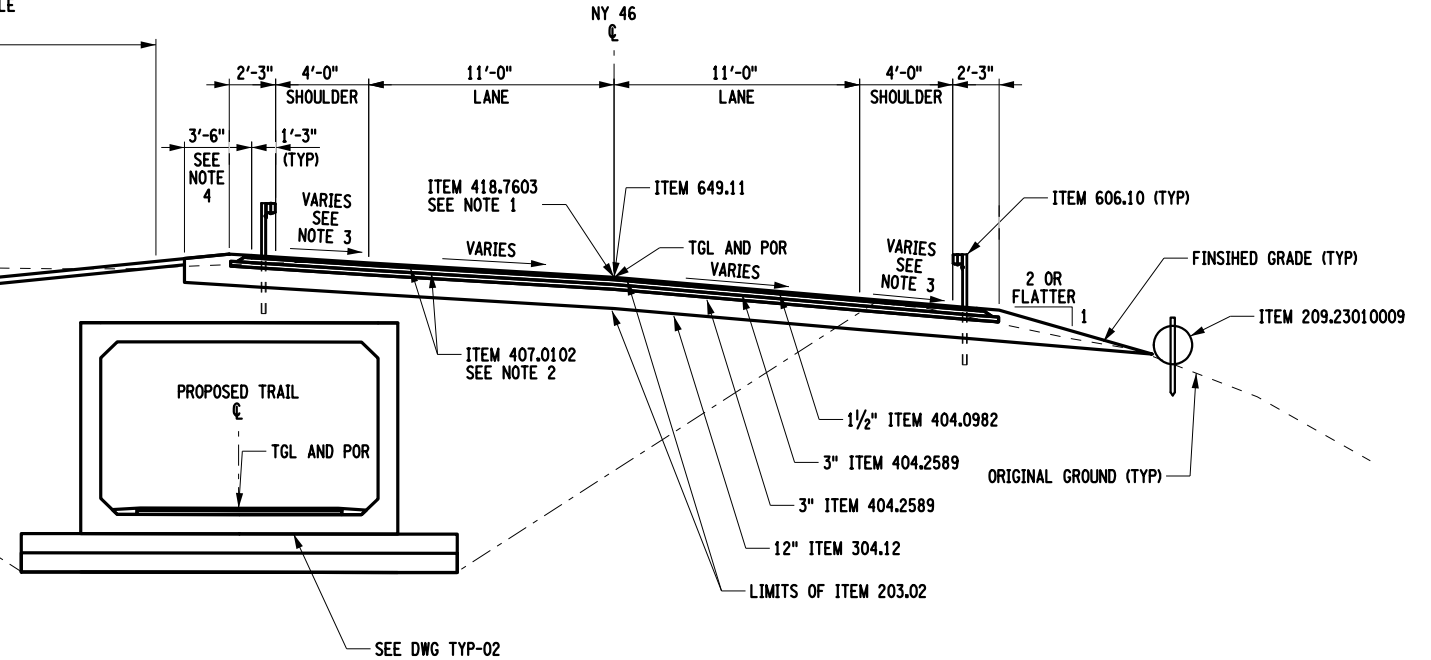
1 1/2" ITEM 404.0982

3" ITEM 404.2589

3" ITEM 404.2589

12" ITEM 304.12

LIMITS OF ITEM 203.02



35° MAX SAFETY EDGE
TOP COURSE ASPHALT
BINDER COURSE ASPHALT
BASE COURSE ASPHALT
SUBBASE

EDGE OF PAVEMENT DETAIL

NOT TO SCALE

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

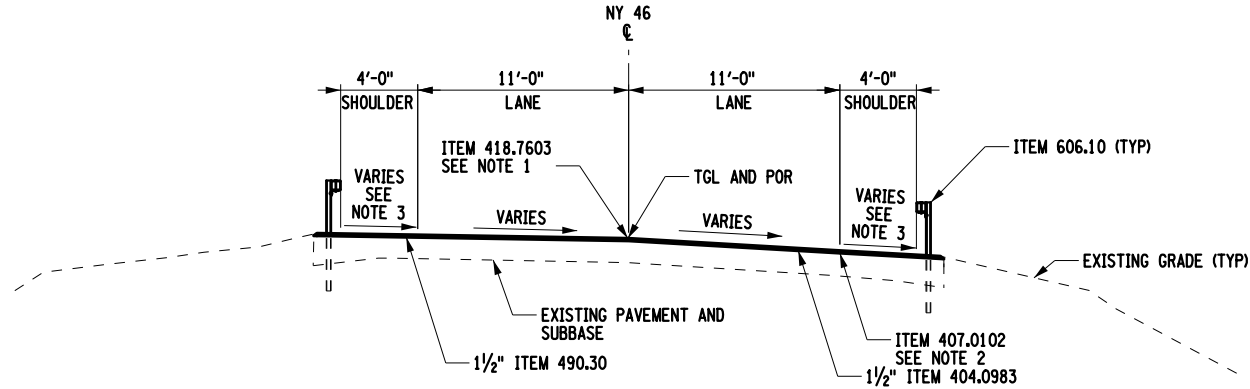
PROJECT MANAGER C. CORNWELL

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

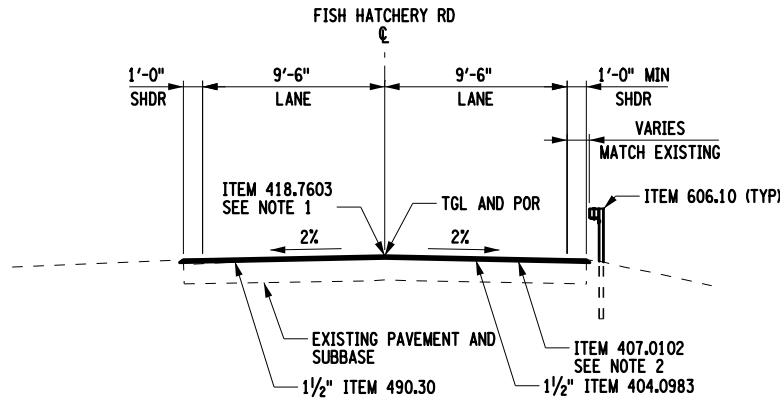
ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:			
203.02 209.23010009 404.0983 407.0102 418.7603 490.30 606.10 610.1605	UNCLASSIFIED EXCAVATION BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES 9.5 F3 TOP COURSE ASPHALT, 80 SERIES COMPACTION DILUTED TACK COAT ASPHALT JOINT ADHESIVE MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE BOX BEAM GUIDE RAILING TURF ESTABLISHMENT - PERFORMANCE	CY LF TON GAL LF SY LF SY				1. ITEM 418.7603 SHALL BE APPLIED ON ALL VERTICAL FACES FOR ALL JOINTS ON THE TOP COURSE ONLY. 2. TACK COAT SHALL BE APPLIED BETWEEN ALL LIFTS OF ASPHALT. 3. SHOULDER CROSS SLOPES SHALL TRANSITION TO MATCH TRAVEL LANE CROSS SLOPES.			
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		MOHAWK RIVER TRAIL		PIN 2650.61 / 2LC1.31 UTILQLVL C	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265553
		PHASE 3					SITE 15 - MRT (PIN 2650.61) TYPICAL SECTIONS		DRAWING NO. TSMRT-04 SHEET NO. 71
		CITY OF ROME							
		COUNTY: ONEIDA					REGION: 2		
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.								 Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPINET.COM	CITY OF ROME



NY 46 MILL AND INLAY
NOT TO SCALE



FISH HATCHERY ROAD MILL AND INLAY
NOT TO SCALE

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

GENERAL NOTES:

- DESIGN SPECIFICATIONS: NYSDOT LRFD CULVERT DESIGN SPECIFICATIONS WITH ALL PROVISIONS IN EFFECT AS OF JANUARY 2025 (FOR DESIGN PURPOSES, COMPRESSIVE STRENGTH OF CONCRETE FOR SUBSTRUCTURES AND DECK SLABS AT 28 DAYS: f'c = 3000 PSI.)
- CONSTRUCTION SPECIFICATIONS: NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS WITH ALL PROVISIONS IN EFFECT AS OF MAY 2025.
- THIS CULVERT SHALL BE MAINTAINED IN ACCORDANCE WITH THE GUIDELINES CONTAINED IN THE CURRENT VERSION OF THE AASHTO MAINTENANCE MANUAL FOR ROADWAYS AND CULVERTS.
- DESIGN LIVE LOAD: AASHTO HL-93 W/ LRFD INV. FACTOR ≥1.2.
- NO KNOWN ASBESTOS CONTAINING MATERIALS ARE BELIEVED TO EXIST AND/OR THE WORK TO BE PERFORMED UNDER THIS CONTRACT DOES NOT REQUIRE THE DISTURBANCE, DESTRUCTION OR REMOVAL OF ANY OF THESE MATERIALS. IT IS THE EXPRESS INTENT OF THIS CONTRACT THAT THESE MATERIALS ARE NOT TO BE DISTURBED IN ANY WAY. SHOULD THE CONTRACTOR DISTURB OR ENCOUNTER ANY SUCH MATERIALS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE ENGINEER BEFORE PROCEEDING.
- DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.
- ALL SHOP DRAWINGS SUBMITTED FOR THIS PROJECT SHALL BE IN US CUSTOMARY UNITS.

SUBSTRUCTURES NOTES:

- THE COST OF WATER USED FOR COMPACTION OF THE SELECT STRUCTURAL FILL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.21 - SELECT STRUCTURE FILL.
- THE COST OF WATER USED FOR COMPACTION OF EMBANKMENT IN PLACE MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.03. - EMBANKMENT IN PLACE.
- ALL PLACEMENTS OF SELECT STRUCTURE FILL, ITEM 203.21, SHALL BE COMPACTED TO 95 PERCENT OF STANDARD PROCTOR MAXIMUM DENSITY.

SUPERSTRUCTURE NOTES:

- FINISHED SURFACES OF NEW SIDEWALKS AND EXPOSED SURFACES OF NEW CONCRETE WINGWALLS OR RETAINING WALLS SHALL BE SEALED IN ACCORDANCE WITH ITEM 559.04 - PROTECTIVE SEALING OF CONCRETE WITH CPATING TYPE PROTECTIVE SEALER ON NEW CULVERT, DECKS, AND CULVERT DECK OVERLAYS. ONLY PENETRATING SEALERS SHALL BE USED. SEE ADDITIONAL NOTES IN PLANS.
- CARE SHALL BE TAKEN TO PREVENT CONTAMINATION OF THE SOIL BY THE SEALER. IF THE MANUFACTURER'S INSTRUCTIONS REQUIRE MIXING OF THE SEALER PRIOR TO APPLICATION, MIXING SHALL OCCUR IN A MANNER THAT WILL PREVENT CONTAMINATION OF THE SOIL. THE CONTRACTOR SHALL HAVE AVAILABLE FOR IMMEDIATE USE MATERIALS TO SOAK UP OR CONTAIN ANY ACCIDENTAL SPILLS. PRIOR TO THE APPLICATION OF THE SEALER, ANY OPENINGS IN THE SURFACE OF THE CULVERT DECK OR IN THE WALKING SURFACE, SUCH AS SCUPPERS OR OPEN DRAINS SHALL BE COVERED TO PREVENT CONTAMINATION OF THE WATERWAY. CARE SHALL BE TAKEN TO PREVENT SPRAYED SEALER FROM ENTERING THE WATERWAY BY ROLLING THE SEALER OR BY PHYSICALLY ISOLATING THE AREA TO BE SPRAYED FROM THE SOIL BY THE USE OF TARPS OR OTHER BARRIER-TYPE MEANS TO THE SATISFACTION OF THE E.I.C.

RECONSTRUCTION NOTES:

- DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- THE CONTRACTOR SHALL VERIFY DIMENSIONS NECESSARY FOR THE PROPER FIT OF PRECAST CONCRETE PRIOR TO ITS FABRICATION. THE COST OF FIELD VERIFYING DIMENSIONS SHALL BE INCLUDED IN THE PRICE BID FOR THE REINFORCED CONCRETE SPAN UNIT ITEM.
- THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE STATE, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE OR WHICH ARE TO REMAIN THE PROPERTY OF THE STATE, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- WHEN ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.
- DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT DROP WASTE CONCRETE, DEBRIS, AND OTHER MATERIAL TO THE AREA BELOW THE CULVERT EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED.
- ALL MATERIAL FALLING ON THE AREA BELOW AND ADJACENT TO THE CULVERT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO COST TO THE STATE.
- THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE APPROPRIATE ITEMS OF THE CONTRACT.
- DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, CONSTRUCTION MATERIALS OR OTHER FOREIGN MATERIALS, OR FROM THE OPERATION OF EQUIPMENT IN OR NEAR SUCH STREAMS. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THE STREAM TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM A STREAM, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM.

PRECAST CONCRETE NOTES:

- THE CONTRACTOR SHALL MOUNT A NEW CULVERT IDENTIFICATION NUMBER C260199 PLATE THAT MEETS THE FOLLOWING MATERIAL REQUIREMENTS:

PANEL WITH REFLECTIVE BACKGROUND: THE ALUMINUM PANEL SHALL CONFORM TO THE REQUIREMENTS OF THE NYSDOT STANDARD SPECIFICATIONS. THE BACKGROUND MATERIAL SHALL BE GREEN REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF THE NYSDOT STANDARD SPECIFICATION FOR CLASS A SHEETING. THE SIZE OF THE PANELS SHALL BE 1/4" INCH THICK BY 3 INCHES BY 12 INCHES. A THIN RUBBER OR PLASTIC GASKET OR SHEETING MATCHING THE PLATE SIZE SHALL BE PLACED BEHIND THE PLATE PRIOR TO INSTALLATION.

NUMBERS: THE NUMBERS SHALL BE REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF THE NYSDOT STANDARD SPECIFICATION FOR CLASS A SHEETING, EXCEPT THAT THE ADHESIVE SHALL BE PRESSURE-SENSITIVE SUCH THAT THE NUMBERS CAN BE APPLIED TO THE BACKGROUND IN THE FIELD. THE NUMBERS SHALL BE 2 INCHES HIGH AND SILVER-WHITE IN COLOR CONFORMING TO FHWA SERIES C DIMENSIONS.

PRIOR TO PLACING THE NUMBERS ON THE PANEL, THE REFLECTIVE BACKGROUND SHALL BE CLEAN AND FREE OF DIRT AND OIL WHICH MAY ADVERSELY AFFECT PROPER ADHESION. THE NUMBERS SHALL BE PLACED ON THE REFLECTIVE BACKGROUND, PERPENDICULAR TO THE LONGITUDINAL AXIS OF THE PANEL AND VERTICALLY CENTERED. THE REFLECTIVE BACKGROUND AND NUMBERS SHALL BE COATED AND/OR EDGE SEALED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SHEETING MANUFACTURER.

THE CIN PLATE SHALL BE ATTACHED TO THE BEGINNING ABUTMENT, RIGHT SIDE OF THE CULVERT USING EXPANSION ANCHORS. THE PLATE SHALL BE PLACED HIGH ON THE ABUTMENT, NEAR THE FASCIA OF THE CULVERT SO THAT IT CANNOT BE PAINTED OVER VIA A SPRAY PAINT CAN OR OTHERWISE EASILY REMOVED OR DAMAGED.

THE COST ASSOCIATED WITH PROVIDING AND INSTALLING THE NEW CIN PLATE WILL BE INCLUDED IN THE PRICE BID FOR VARIOUS CONTRACT ITEMS.

PHOTOLUMINESCENT AGGREGATE

- THE PHOTOLUMINESCENT AGGREGATE INSTALLATION ON THE TRAIL IS TO BE PROVIDED BY THE CITY OF ROME. THE COST OF INSTALLING THE PHOTOLUMINESCENT AGGREGATE ON THE ASPHALT TRAIL SHALL BE PAID UNDER ITEM 615.03070108 - INSTALLATION OF LANDSCAPE APPURTENANCE SUPPLIED BY OTHERS, TYPE 01.
- THE ONE (1) EACH TOTAL QUANTITY OF ITEM 615.03070108 INCLUDED IN THIS CONTRACT SHALL PAY FOR THE SATISFACTORY INSTALLATION OF ALL PHOTOLUMINESCENT AGGREGATE FOR THIS PROJECT.
- REFER TO THE SPECIAL SPECIFICATION ATTACHED WITHIN THE CONTRACT DOCUMENTS FOR ADDITIONAL DETAILS AND INSTRUCTIONS ON PHOTOLUMINESCENT AGGREGATE AND INSTALLATION METHODOLOGY.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025



ALTERED BY: GREENMAN - PEDERSEN, INC
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

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PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
GENERAL NOTES

CONTRACT NUMBER
D265553

DRAWING NO. GNMRT-01
SHEET NO. 72



Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER C. CORNWELL
DESIGN M. HACKER
CHECK T. VYCE
DRAFTING M. HACKER
CHECK A. JACKSON
PROJECT MANAGER C. CORNWELL

ITEM 606.XXXX						ITEM QUANTITIES	
GUIDE RAIL REMOVAL TABLE						606.73	606.7920
ID	FROM STATION	TO STATION	SIDE	LENGTH	COMMENTS		
	F 2+46.00	F 2+46.00	RT	8.00			
	F 2+46.00	151+61.00	LT/RT	178.00			
	F 2+55.00	F 2+63.00	RT	8.00			
	F 2+63.00	F 3+57.00	RT	94.00		94	
TOTALS:						272	2

ITEM 606.XXXX						ITEM QUANTITIES	
GUIDE RAIL NEW INSTALLATION TABLE						606.10	606.100002
ID	FROM STATION	TO STATION	SIDE	LENGTH	COMMENTS		
	149+05	149+40	RT	35.00			
	149+40	150+06	RT	66.00			
	150+06	151+89	RT	183.00			
	150+10	151+61	LT	151.00		183.00	
	150+10	F 2+63.00	LT/RT	46.00		151.00	
	F 2+63.00	F 3+57.00	RT	94.00		46.00	
TOTALS:						94.00	
						463	112

ITEM 607.41010010 (LF)					
TEMPORARY PLASTIC BARRIER FENCE					
FROM STATION	TO STATION	SIDE	COMMENTS	LENGTH (FT)	
M 1+00.00	M 3+29.00	RT		349	
M 6+50.00	M 8+70.00	LT		225	
M 8+78.00	M 9+49.00	LT		76	
TOTAL:				650	

ITEM 605.XXXX						
UNDERDRAIN TABLE						
INLET STATION	OUTLET STATION	SIDE	OUTLET INFO.	ITEM 605.1702 (LF)	END AREA (SF)	ITEM 605.1001 (CY)
M 3+95	M 4+57	LT		62.00	2.25	5.17
M 3+95	M 4+57	RT		62.00	2.25	5.17
M 5+78	M 7+60	RT		182.00	2.25	15.17

ITEM 607.08000010 (LF)				
WOOD BOARD FENCE				
FROM STATION	TO STATION	SIDE	COMMENTS	LENGTH (FT)
M 3+22.00	M 4+16.00	LT		94
M 3+22.00	M 4+55.00	RT		133
M 5+86.00	M 9+46.00	LT		360
TOTAL:				587

ITEM 209.23010009 (LF)				
BIODEGRADEABLE SEDIMENT FILTER LOG, 12 INCHES				
FROM STATION	TO STATION	COMMENT	SIDE	LENGTH (FT)
148+08	149+30		RT	114
M 1+00	M 6+61		RT	556
148+08	149+25		RT	98
M 6+47	M 7+91		LT	149
M 8+66	M 9+48		LT	85
TOTAL:				1,002

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025



ALTERED BY: GREENMAN - PEDERSEN, INC
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
MISCELLANEOUS TABLES

CONTRACT NUMBER
D265553

DRAWING NO. MTMRT-01
SHEET NO. 73

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Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM

CITY OF ROME

STRIPING TABLE										
BEGIN STATION	END STATION	SIDE	OFFSET	STRIPING	DESIGN LENGTH (LF)	PAY FACTOR	ITEM 649.11 (LF)	ITEM 685.1102 (LF)	ITEM 685.1202 (LF)	ITEM 685.3104 (LF)
M 1+00	M 9+36	CL	0.00	YEL	811	1.00			811	
F 1+61	F 1+61	LT	VARIES	WSB	9	4.50				42
F 1+61	F 4+00	CL	0.00	YSDL	239	2.00			478	
F 3+58	151+64	LT/RT	VARIES	WEL	341	1.00		341		
M 3+74	M 6+16	LT	5.00	WEL	243	1.00		243		
M 3+74	M 6+16	RT	5.00	WEL	241	1.00		241		
M 9+36	M 9+36	RT	VARIES	WSB	5	3.00				15
147+87	F 3+78	LT	VARIES	WEL	336	1.00		336		
147+99	148+44	CL	0.00	YSDL	44	2.00			88	
148+00	148+44	CL	0.00	CARDS	44	1.00	44			
148+11	151+86	RT	11.00	WEL	371	1.00		371		
148+18	149+84	LT	11.00	WDEL	169	0.33		56		
149+39	151+75	CL	0.00	YSDL	236	2.00			472	
149+50	151+75	CL	0.00	CARDS	225	1.00	225			
TOTALS:							269	1588	1849	57

SIGN SUMMARY TABLE						
STATION	SIDE	DESCRIPTION	MUTCD	ITEM 645.81 (EA)	ITEM 645.81090003 (EA)	ITEM 647.51 (EA)
M 3+25	RT	INSTALL NEW SIGN AND POST	W1-2	1		
149+99	LT	REMOVE AND DISPOSE EXISTING SIGN, INSTALL NEW SIGN AND POST	M3-1P M1-4 M6-2P	1		1
F 2+54	RT	REMOVE AND DISPOSE EXISTING SIGN, INSTALL NEW SIGN AND POST	W1-8R	1	1	1
150+06	LT	REMOVE AND DISPOSE EXISTING SIGN, INSTALL NEW SIGN AND POST	W1-8R W1-8L	1	2	1
150+54	LT	REMOVE AND DISPOSE EXISTING SIGN, INSTALL NEW SIGN AND POST	W1-8R W1-8L	1	2	1
150+13	LT	REMOVE AND DISPOSE EXISTING SIGN, INSTALL NEW SIGN AND POST	R3-1 M4-4P	1		1
3+06	RT	REMOVE AND DISPOSE EXISTING SIGN, INSTALL NEW SIGN AND POST	R2-1	1		1
151+13	LT	REMOVE AND RESET EXISTING "FISH HATCHERY RD" SIGN FACE ON NEW POSTS	D3-1	2		1
M 6+26	LT	INSTALL NEW SIGN AND POST	W1-2	1		
M 8+35	RT	INSTALL NEW SIGN AND POST	W3-1	1		
M 9+36	RT	INSTALL NEW SIGN AND POST	R1-1	1		
M 9+36	RT	INSTALL NEW SIGN AND POST	R5-3	1		
TOTALS:				13	5	7

PROPOSED SWALE TABLE						
BEGIN STA	END STA	SIDE	DESCRIPTION OF WORK	ITEM 206.0201 (CY)	ITEM 620.03 (CY)	ITEM 620.0802 (CY)
M 3+75	M 4+64	LT		29.6	19.7	9.9
M 4+42	M 4+60	RT		6.9	4.6	2.3
M 5+35	M 5+84	RT		15.4	10.3	5.1
M 5+35	M 6+47	LT		43.1	28.7	14.4
TOTALS:				95	63	32

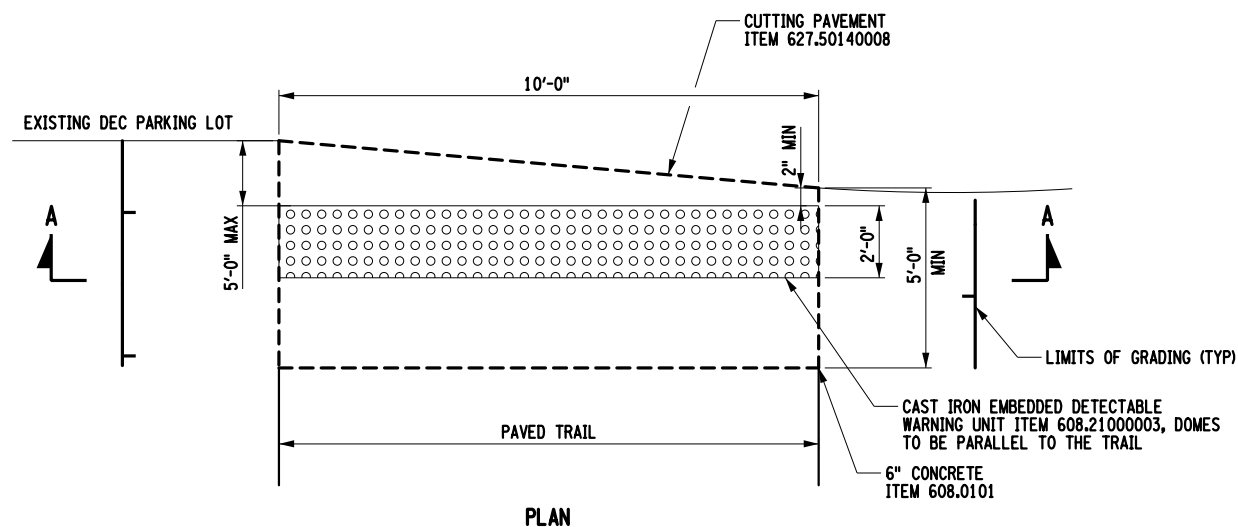
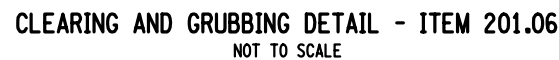
DELINEATOR TABLE					
STATION	SIDE	ITEM 646.24 (EA)	ITEM 646.22 (EA)	ITEM 646.32 (EA)	ITEM 647.83001002 (EA)
150+38	RT	1		1	
150+06	RT		2	1	1
TOTALS:		1	2	2	1

TABLE OF RIGHT-OF-WAY ACQUISITIONS									
T.R.N.	A.R.M. IDENTIFIER	ROAD NAME	REPUTED OWNER	LIBER	PAGE	TAX MAP NO.	TYPE OF TAKE	APPROX. AREA (SQ. FT.)	REMARKS
1	M1 P1	NYS ROUTE 46	PEOPLE OF THE STATE OF NEW YORK UNDER THE PRESENT JURISDICTION OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND THE EXECUTIVE DEPARTMENT, OFFICE OF PARKS, RECREATION AND HISTORIC PRESERVATION (ABANDONED BLACK RIVER CANAL)			206.00-1-19	CU&O	18,318	CONSTRUCTION OF ASPHALT TRAIL AND PEDESTRIAN TUNNEL
2	M1 P2	NYS ROUTE 46	PEOPLE OF THE STATE OF NEW YORK UNDER THE PRESENT JURISDICTION OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND THE EXECUTIVE DEPARTMENT, OFFICE OF PARKS, RECREATION AND HISTORIC PRESERVATION (ABANDONED BLACK RIVER CANAL)			206.00-1-19	CU&O	1,036	CONSTRUCTION OF ASPHALT TRAIL AND PEDESTRIAN TUNNEL
3	M2 P3	NYS ROUTE 46	PEOPLE OF THE STATE OF NEW YORK UNDER THE PRESENT JURISDICTION OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION			206.01-1-12	CU&O	4,418	CONSTRUCTION OF ASPHALT TRAIL AND PEDESTRIAN TUNNEL
4	M2 P4	NYS ROUTE 46	PEOPLE OF THE STATE OF NEW YORK UNDER THE PRESENT JURISDICTION OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION			206.01-1-12	CU&O	180	CONSTRUCTION OF ASPHALT TRAIL

NOTE: A.R.M. IDENTIFIERS ARE PROVISIONAL PLACEHOLDERS AND WILL BE CHANGED FOLLOWING COMPLETION OF R.O.W. ACQUISITION PROCESS

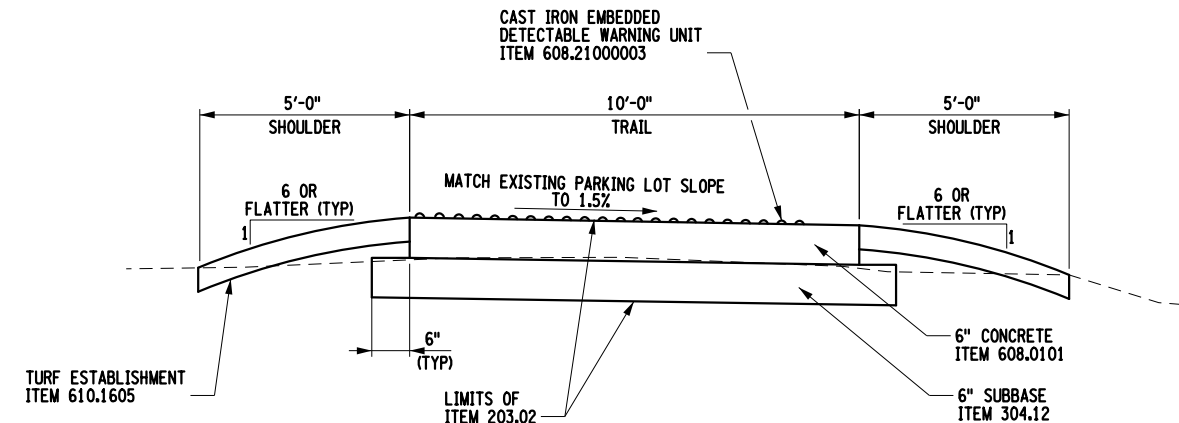
AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: JUNE 23, 2025		ALTERED BY: GREENMAN - PEDERSEN, INC ON:	
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	
		MOHAWK RIVER TRAIL	
		PHASE 3	
		CITY OF ROME	
		COUNTY: ONEIDA REGION: 2	
		PIN 2650.61 / 2LC1.31	
		UTILQLVL C	
		BRIDGES	
		CULVERTS C270026 C260199	
		ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	
		SITE 15 - MRT (PIN 2650.61) MISCELLANEOUS TABLES	
		CONTRACT NUMBER D265553	
		DRAWING NO. MTMRT-02 SHEET NO. 74	
		GPI	
		Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPINET.COM	
		CITY OF ROME	
			

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CONCRETE PAD BENEATH
CAST IRON EMBEDDED DETECTABLE WARNING UNIT
NOT TO SCALE

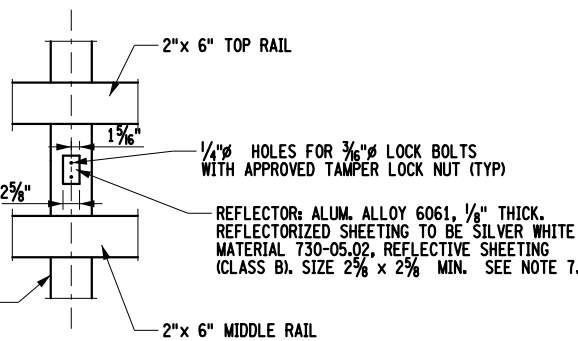
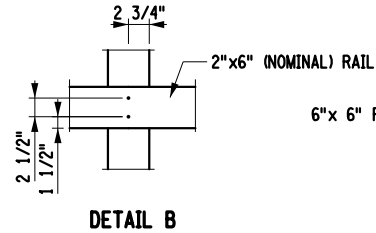
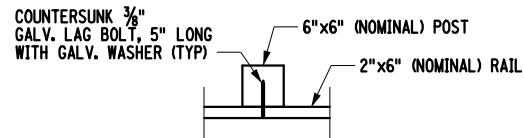
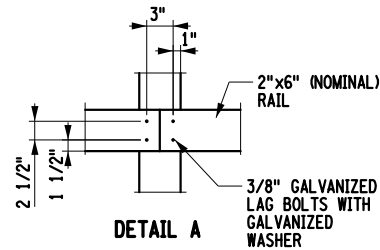
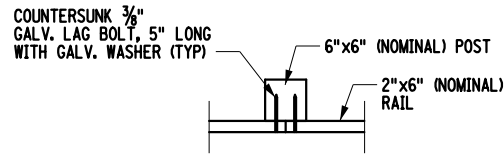
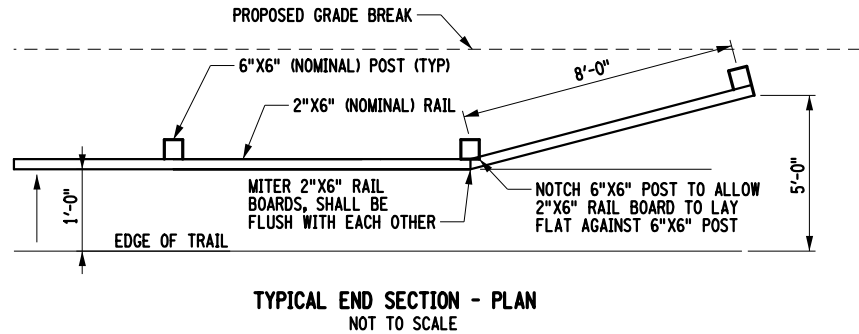
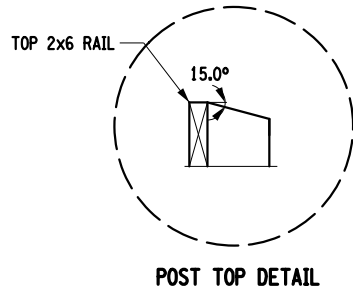
1. THE CONTRACTOR SHALL REMOVE ALL OBSTRUCTIONS WITHIN THE HORIZONTAL AND VERTICAL CLEARANCE ZONE LIMITS SHOWN. THE ENGINEER SHALL APPROVE THE FINAL CLEARING LIMITS PRIOR TO ANY CLEARING COMMENCING. ADDITIONAL CLEARING AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER IN THE FIELD MAY BE NECESSARY TO CREATE CLEAR SIGHT LINES TO FUTURE USERS OF THE TRAIL. THE COST FOR REMOVAL OF OBSTRUCTIONS ABOVE GRADE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 201.06.
2. REMOVE OVERHANGING BRANCHES AT TREE TRUNK OR AT MAJOR BRANCH OUTSIDE OF CLEAR ZONE.
3. CLEAR AND GRUB FROM EDGE OF PROPOSED TRAIL OR ROADWAY SHOULDER TO PROPOSED CUT/FILL SLOPE LIMITS, PLUS 5 FT FOR EROSION AND SEDIMENT CONTROL PRACTICES, WHICHEVER OCCURS FIRST TO A 12 FT MIN VERTICAL CLEARANCE. CONTRACTOR IS REQUIRED TO CUT LIMBS AT THE BRANCH BASE. ANY EXISTING TREES LOCATED WITHIN THE CLEARING AND GRUBBING LIMITS SHALL BE REMOVED UNDER ITEM 201.06.
4. ALL WOOD CHIPS PRODUCED FROM CLEARING AND GRUBBING SHALL BE SPREAD EVENLY ONTO THE ADJACENT AREAS OUTSIDE OF THE FINISHED TRAIL AND WITHIN THE EXISTING ROW, WITH NO PILES EXCEEDING 6 INCHES IN DEPTH IN ACCORDANCE WITH THE SWPPP.
5. CLEAR TREES WITHIN 10 FT OR A.O.B.E. OF SLOPE LIMITS. ROW OR OTHER ENVIRONMENTAL FACTORS MAY RESTRICT OPERATIONS.
6. GRUBBING OF STUMPS WILL BE REQUIRED BENEATH PROPOSED TRAIL EMBANKMENT AREAS ONLY. WHERE TREES OR EXISTING STUMPS ARE CLEARED AND GRUBBING IS NOT REQUIRED, THE TREE TRUNK OR EXISTING STUMP SHALL BE FLUSH CUT. EXPOSED STUMPS ARE NOT REQUIRED TO BE REMOVED, BUT SHALL BE CHIPPED OUT TO A DEPTH OF NOT LESS THAN 6 INCHES BELOW THE FINISHED GRADE WITH HOLES FILLED AS DIRECTED BY THE ENGINEER. NO SEPARATE PAYMENT WILL BE MADE FOR BACKFILL OR EARTH COVER NECESSARY TO COMPLETE THIS WORK. GRASS SHALL BE ESTABLISHED ON STUMP HOLES AND WILL BE PAID SEPARATELY. ALL WORK UNDER ITEM 201.06.
7. IN ALL SITUATIONS, THE PAY LIMIT SHALL BE THE AREA ACTUALLY CLEARED.
8. ALL BRANCHES TRIMMED WITHIN THE OFFSET DISTANCE SHALL BE PRUNED AS CLOSE TO THE TRUNK'S GROWTH COLLAR AS POSSIBLE.
9. CONTRACTOR IS RESPONSIBLE FOR LIMITING DISTURBED AREAS DURING ALL CLEARING AND GRUBBING/TRIM CANOPY (TREE PRUNING) OPERATIONS. ALL DISTURBED AREAS RESULTING FROM CLEARING AND GRUBBING CONSTRUCTION ACTIVITIES SHALL BE RESTORED AS DIRECTED BY THE ENGINEER. COST FOR THIS WORK IS TO BE INCLUDED IN THE CLEARING AND GRUBBING ITEM 201.06.
10. TREE REMOVAL SHALL BE COMPLETED BY EITHER CLEARING AND GRUBBING OR CLEARING, FLUSH CUTTING METHODS, AS INDICATED ON PLANS. WHOLESALE CLEARING AND GRUBBING OF TREES SHALL NOT BE ALLOWED IN PROTECTED WETLANDS, AND SHOULD BE AVOIDED AND MINIMIZED WHENEVER POSSIBLE. THE CONTRACTOR SHALL TAKE CARE NOT TO FURTHER IMPACT WETLANDS BEYOND WHAT IS REASONABLY NECESSARY TO CONDUCT CLEARING AND GRUBBING AND SELECTIVE TREE REMOVAL ACTIVITIES. ALL WETLAND AREAS SHOWN ON PLANS ADJACENT TO AND OUTSIDE OF CLEARING AND GRUBBING ZONES AND SELECTIVE TREE LOCATIONS SHALL BE LEFT UNDISTURBED TO PREVENT FURTHER IMPACTS. UNLESS OTHERWISE ALLOWED BY A PROJECT SPECIFIC ARMY CORPS OF ENGINEERS OR NYSDEC WETLAND PERMIT. ACTIVITIES NOT TO ENROACH ON ADJACENT WETLANDS INCLUDE, BUT NOT LIMITED TO, MOVEMENT OF VEHICLES, CONSTRUCTION STAGING, DISPOSAL OF WOOD CHIPPINGS, PLACEMENT OF EROSION CONTROL FEATURES, AND SPREADING OF SPOILED SOIL. VEGETATION PROTECTION BARRIER FENCING, SHALL BE INSTALLED PER THE SPECIFICATION AND PERMIT CONDITIONS.
11. ALL PROVISIONS OF SECTION 201 - CLEARING AND GRUBBING, EXCEPT AS NOTED IN ITEM 201.06 SHALL APPLY.
12. ALL BRANCH TRIMMING, TREE CUTTING, AND CLEARING & GRUBBING SHALL ONLY OCCUR BETWEEN NOVEMBER 1 AND MARCH 31 TO AVOID IMPACTS TO MIGRATORY BATS AND HIBERNATING BATS.
13. SEE ADDITIONAL ENVIRONMENTAL NOTES ON DWG GNN-1.



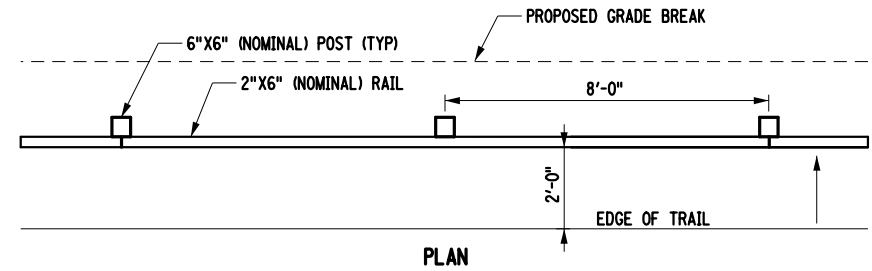
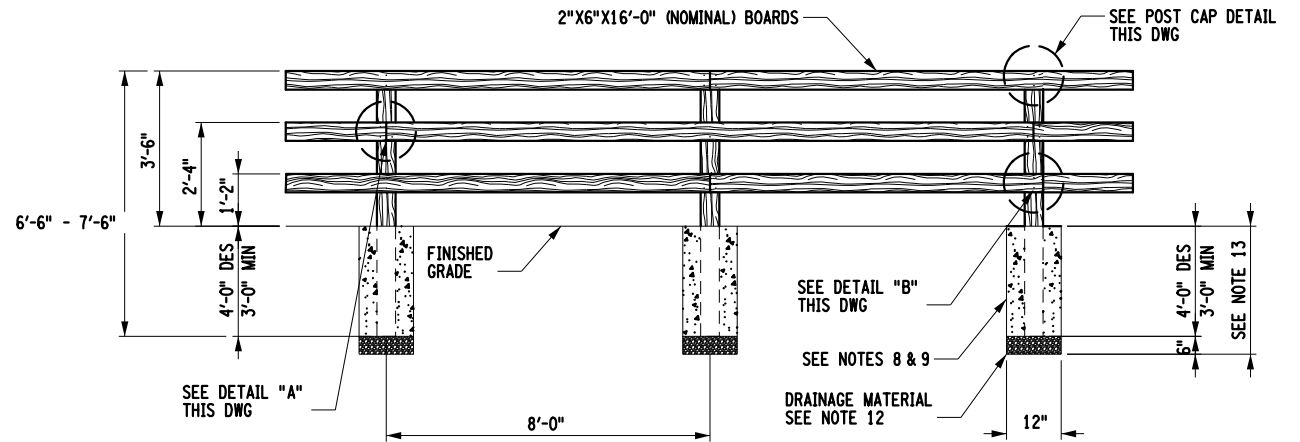
SECTION A-A

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: JUNE 23, 2025	ALTERED BY: GREENMAN - PEDERSEN, INC ON:
 EXPIRATION: 10/31/2025	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	MOHAWK RIVER TRAIL	PIN 2650.61 / 2LC1.31 UTILQLVL C	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553
	PHASE 3				SITE 15 - MRT (PIN 2650.61) MISCELLANEOUS DETAILS	DRAWING NO. MDMRT-01 SHEET NO. 75
	CITY OF ROME					
	COUNTY: ONEIDA REGION: 2					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					 Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPI.NET.COM	 CITY OF ROME



WOOD BOARD FENCE DETAILS
NOT TO SCALE



WOOD BOARD FENCE - ITEM 607.08000010
NOT TO SCALE

•• WOOD BOARD FENCE SHALL BE PLACED A MINIMUM OF 2'-0" OR 5'-0" (TYP) OFF EDGE OF TRAIL. WHERE POSSIBLE, RAILING SHALL BE PLACED AS FAR AWAY AS POSSIBLE FROM TRAIL WITH THE 6% GRADED AREA. THE OFFSET SHALL BE DETERMINED & APPROVED BY THE ENGINEER.

WOOD BOARD FENCE NOTES:

- RAIL TO BE PROVIDED IN 16 FOOT LENGTHS. INSTALLATION OF ENTIRE POST AND RAIL FENCE SHALL BE PAID FOR UNDER ITEM 607.08000010.
- RAIL SPLICES SHALL BE STAGGERED AS SHOWN. ALL POST & RAIL SIZES ARE INDICATED NOMINAL DIMENSIONS.
- WOOD SHALL BE ALL THE SAME TYPE AND PRESSURE TREATED. ALL WOOD SHALL MEET SECTION 710-13 AND/OR 712-13 OF THE NYSDOT STANDARD SPECIFICATIONS. ONLY ONE WOOD TYPE SHOULD BE USED IN THE FENCE.
- GALVANIZED BOLTS AND WASHERS SHALL MEET SECTION 719-01 OF THE NYSDOT STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL NOTE SOME POSTS MAY BE REQUIRED TO BE HAND DUG DUE TO THE CLOSE PROXIMITY OF THE UTILITY ASSETS. NO ADDITIONAL PAYMENT WILL BE MADE FOR HAND DIGGING THE POSTS.
- CONTRACTOR SHALL INSTALL REFLECTORS ONLY ON EACH POST OF PROPOSED WOOD FENCE THAT IS BORDERING A CURVE. COST TO BE INCLUDED UNDER ITEM 607.08000010 OR A0BE. SEE DETAIL C THIS DWG.
- THE LAST SECTION OF FENCE SHALL BE FLARED OUT A MINIMUM OF 5'-0" FROM THE EDGE OF TRAIL.
- FENCE POSTS TO BE AUGERED, POST PLACED AND EXISTING MATERIAL BACKFILLED TO 95% COMPACTION.
- CONTRACTOR HAS OPTION OF USING FLOWABLE FILL FOR COMPACTION AT HIS/HER COST. PAYMENT UNDER ITEM 607.08000010.
- DRAINAGE MATERIAL SHALL BE NO. 1 OR NO. 2 STONE PER NYSDOT SPECIFICATION SECTION 703-02.
- ALL WORK ON THIS DWG SHALL BE PAID UNDER ITEM 607.08000010.
- ALL LOCATIONS OF FENCE SHALL BE STAKED A MINIMUM OF TWO WEEKS PRIOR TO INSTALLATION TO ALLOW FOR APPROVAL BY THE ENGINEER.
- ONE (1) POST MAY BE SHORTENED BEYOND THE 3'-0" MINIMUM EMBEDMENT AS REQUIRED TO INSTALL POST OVER PROPOSED CULVERT C270026. THE EXTRA-SHORTENED POST SHALL BE HAND DUG, AND THE POST HOLE BACKFILLED WITH CLASS A CONCRETE. PAYMENT FOR THIS WORK INCLUDED UNDER ITEM 607.08000010.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL
PHASE 3
CITY OF ROME
COUNTY: ONEIDA REGION: 2

PIN 2650.61 / 2LC1.31
UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
MISCELLANEOUS DETAILS

CONTRACT NUMBER
D265553

DRAWING NO. MDMRT-02
SHEET NO. 76



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Albany, NY 12205
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CITY OF ROME

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DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

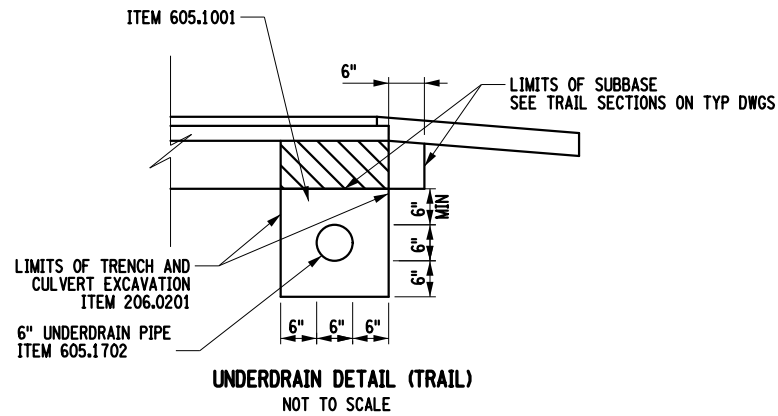
DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

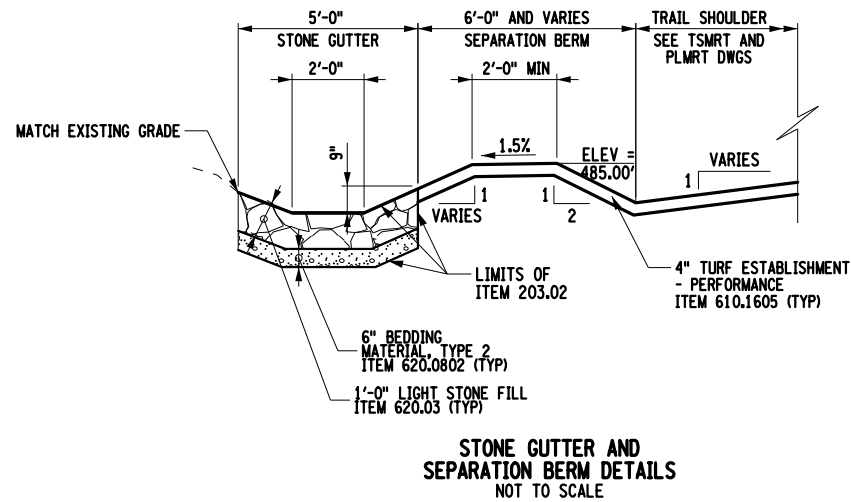
CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL



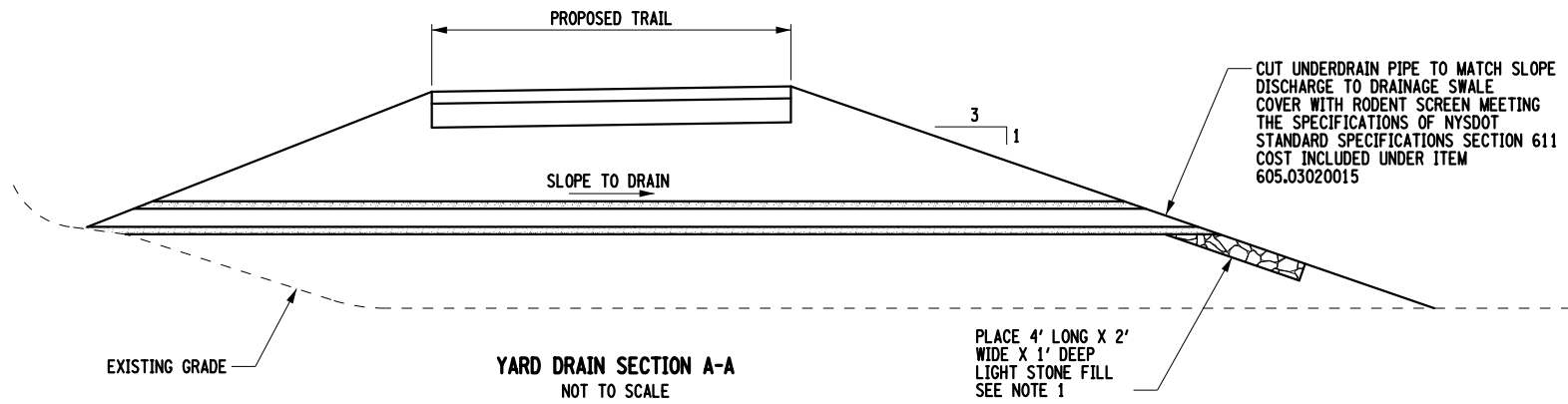
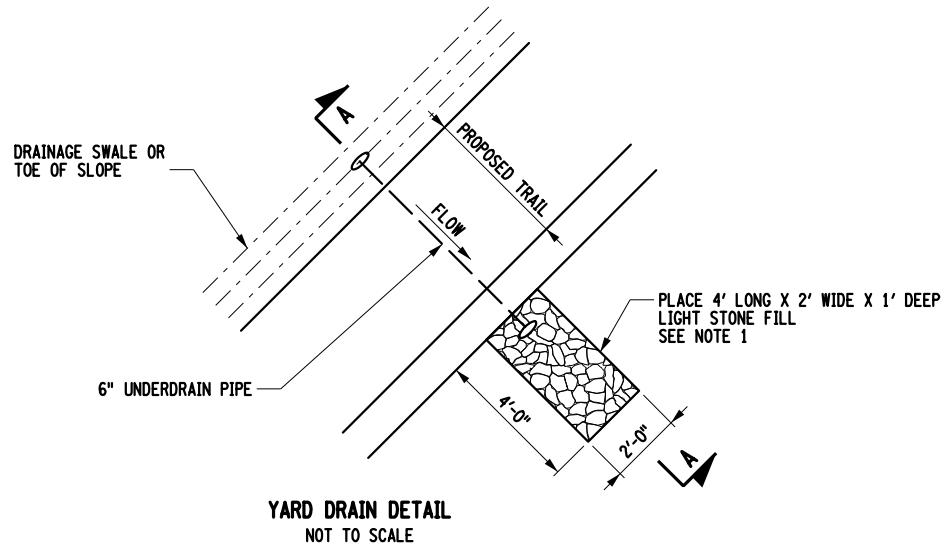
UNDERDRAIN NOTE

1. THE DEPTH OF UNDERDRAIN INVERT FROM TRAIL FINISHED SHALL VARY AS REQUIRED TO ACHIEVE POSITIVE FLOW TO THE DESIRED OUTLET LOCATIONS.



STONE GUTTER AND SEPARATION BERM NOTES

1. THE DEPTH OF THE STONE GUTTER AND FORESLOPE AND BACKSLOPE GRADES VARY TO MAINTAIN POSITIVE DRAINAGE AND A UNIFORM WIDTH OF STONE.
2. SEE DWGS GRMRT-01 AND GRMRT-02 FOR PROPOSED SITE GRADING.
3. WOOD BOARD FENCE NOT SHOWN FOR CLARITY.



UNDERDRAIN OUTLET AND YARD DRAIN NOTE:

1. ALL MATERIALS AND WORK REQUIRED TO INSTALL UNDERDRAIN OUTLETS AND YARD DRAINS, INCLUDING EXCAVATION, BACKFILL, UNDERDRAIN PIPE, FITTINGS, CONNECTIONS, AND STONE APRON ARE TO BE INCLUDED WITHIN ITEM 605.03020015.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
MISCELLANEOUS DETAILS

CONTRACT NUMBER
D265553

DRAWING NO. MDMRT-03
SHEET NO. 77

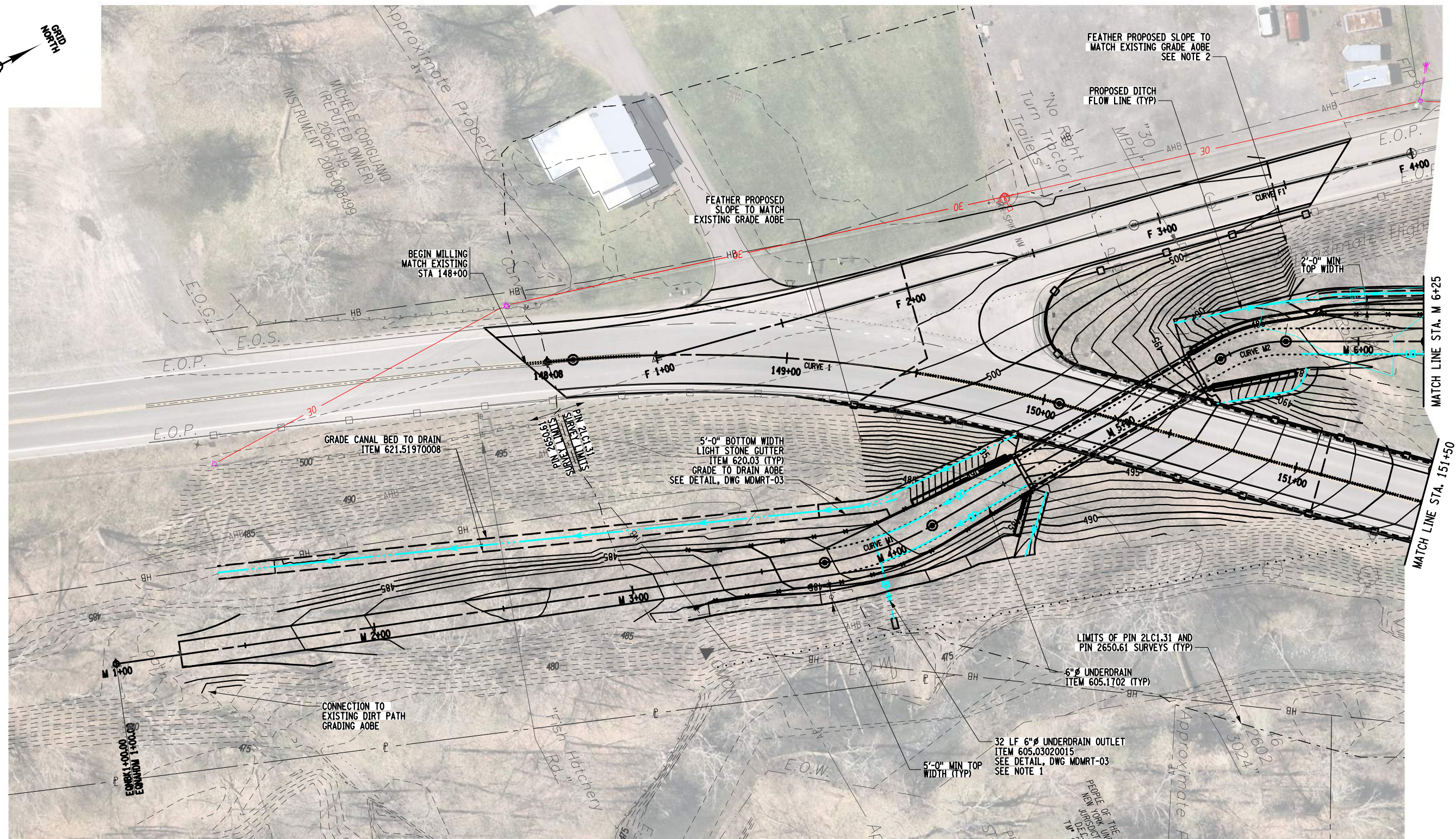
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CITY OF ROME

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LEGEND	
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED 6"Ø UNDERDRAIN
	PROPOSED DITCH FLOW LINE
	PROPOSED TOE OF DITCH



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	MOHAWK RIVER TRAIL	PIN 2650.61 / 2LC1.31 UTIL QLV L C	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553
	PHASE 3				SITE 15 - MRT (PIN 2650.61) GRADING AND DRAINAGE PLANS	
	CITY OF ROME					
	COUNTY: ONEIDA REGION: 2					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					 Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPINET.COM	 CITY OF ROME

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USER = e.jackson

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

NOTES:

- THE EXACT LOCATION OF UNDERDRAIN OUTLET SHALL BE AOE. POSITIVE DRAINAGE MUST BE MAINTAINED AND THE OUTLET MUST BE DAYLIGHTED. THE COST OF ALL EXCAVATION, BACKFILL, RESTORATION, AND ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES TO INSTALL UNDERDRAIN OUTLET IS INCLUDED IN ITEM 605.03020015.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
GRADING AND DRAINAGE PLANS

CONTRACT NUMBER
D265553

DRAWING NO. GRMRT-02
SHEET NO. 79

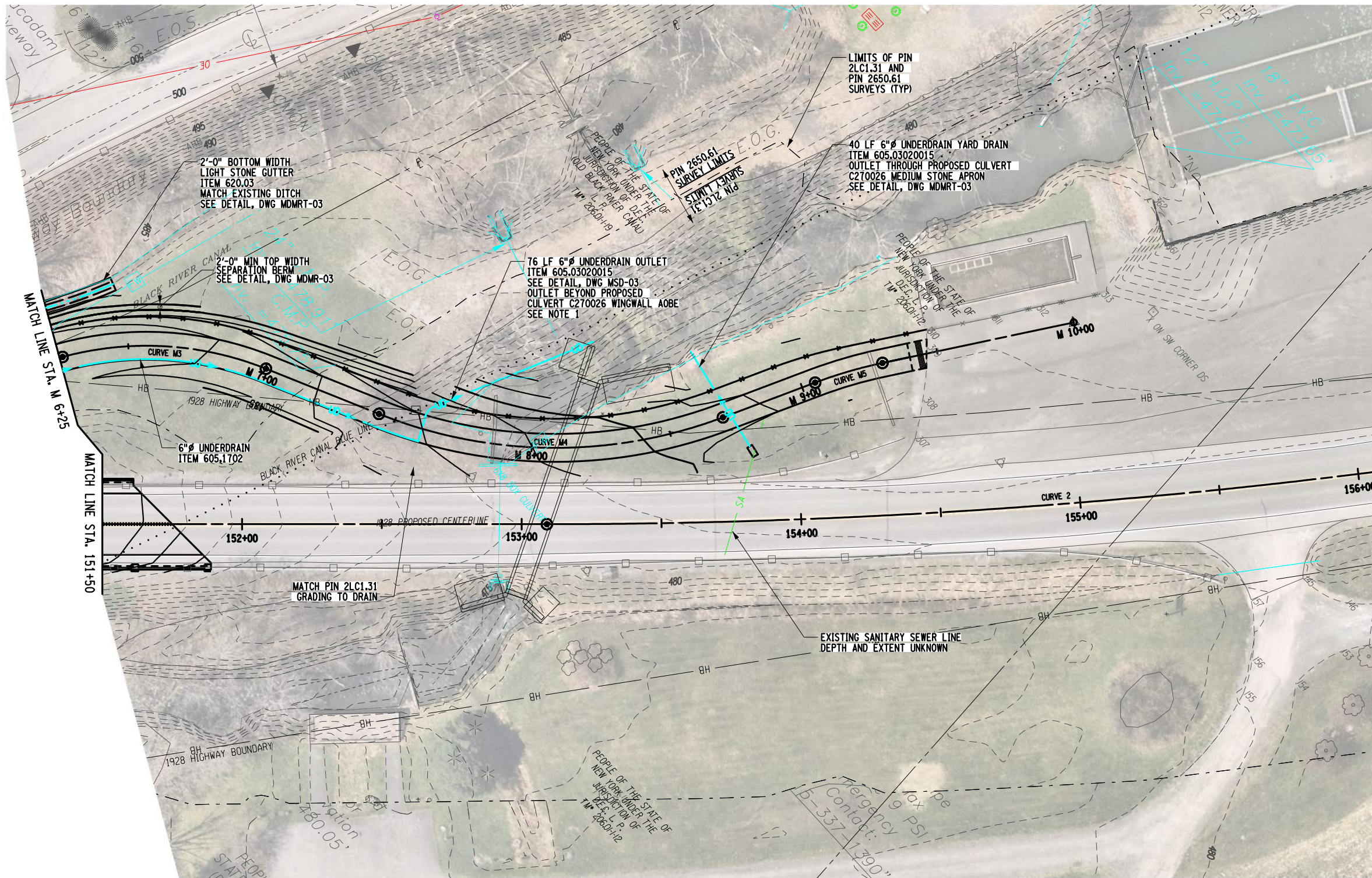
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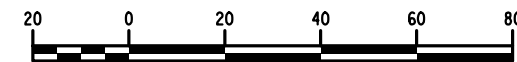
CITY OF ROME

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LEGEND

- PROPOSED MAJOR CONTOUR
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FILE NAME = ...\\265061_oph_eon-bl.dgn
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DESIGN SUPERVISOR C. CORNWELL

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DRAFTING

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PROJECT MANAGER C. CORNWELL

GENERAL EROSION AND SEDIMENT CONTROL SEQUENCE

- THE STATE WILL CONDUCT A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR, APPROPRIATE UTILITY COMPANY REPRESENTATIVES AND OTHER INTERESTED PARTIES TO DISCUSS THE SCOPE OF THE PROJECT. PROPER EROSION AND SEDIMENT CONTROL PROCESSES SHALL BE DISCUSSED.
- FOLLOWING WRITTEN NOTICE TO PROCEED, THE CONTRACTOR SHALL MEET WITH THE ENGINEER FOR AN ON-SITE MEETING TO DISCUSS THE LOCATIONS OF PROPOSED EROSION AND SEDIMENT CONTROLS, STAGING AREAS, SPOIL PILE LOCATIONS, STOCKPILE LOCATIONS, EQUIPMENT STORAGE AREAS, ETC. PRIOR TO ANY EXCAVATION BEING CONDUCTED ON-SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING RELEASES FROM ANY OFF-SITE PROPERTY OWNERS WHERE EXCAVATED MATERIALS ARE TO BE STORED AND OR DISPOSED OF. A COPY OF ALL RELEASES SHALL BE GIVEN TO THE ENGINEER PRIOR TO ANY SUCH STORAGE/DISPOSAL ACTIVITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ANY PERMIT REQUIREMENTS FOR STORMWATER DISCHARGES AT THESE OFF-SITE STORAGE/DISPOSAL AREAS AT NO ADDITIONAL COST TO THE STATE. THE STATE SHALL NOT BE HELD RESPONSIBLE FOR ANY OPERATIONS CONDUCTED AT THESE SITES. THE CONTRACTOR SHALL TRY TO LIMIT THE NUMBER OF OFFSITE DISPOSAL SITES. THE CONTRACTOR SHALL AVOID HAVING DISPOSAL SITES WITHIN 100' OF STREAMS, WETLANDS, AND OPEN WATER.
- THE CONTRACTOR SHALL CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AT ALL ON-SITE STOCKPILE, STAGING, EQUIPMENT STORAGE AREAS, ETC. IN ACCORDANCE WITH NYSDOT STANDARD SHEET 209-05. ALL STOCKPILED SOILS SHALL HAVE A PERIMETER SILT FENCE INSTALLED AROUND THE BASE OF THE PILE AT NO ADDITIONAL COST TO THE STATE.
- THE CONTRACTOR SHALL INSTALL FILTER LOGS AT THE TOE OF THE FILL SLOPES WHERE SHOWN ON THE PLANS OR AOB. FILTER LOGS SHALL BE KEYED INTO THE GROUND AS SHOWN ON THE NYSDOT STANDARD SHEETS. ADDITIONAL FILTER LOGS MAY BE REQUIRED AS ORDERED BY THE ENGINEER.
- THE CONTRACTOR SHALL HYDROSEED DISTURBED AREAS WHERE FINAL GRADING HAS BEEN COMPLETED AT THE APPLICATION RATES SHOWN ELSEWHERE.
- DURING THE LIFE OF THE CONTRACT, THE CONTRACTOR SHALL MAINTAIN ALL EROSION AND SEDIMENT CONTROLS AND RE-INSTALL AS NECESSARY, AND REMOVE ACCUMULATED SEDIMENTS AS ORDERED BY THE ENGINEER. ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED WEEKLY. NEEDED REPAIRS SHALL BE MADE IMMEDIATELY.
- AFTER THE SITE IS STABILIZED AS DETERMINED BY THE ENGINEER, ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED BY THE CONTRACTOR.

EROSION AND SEDIMENT CONTROL NOTES

- AT ALL TIMES, THE CONTRACTOR SHALL TAKE MEASURES TO PROVIDE POSITIVE DRAINAGE OF SURFACE RUNOFF FROM THE WORK SITE AND CONTROL OF THE RUNOFF TO PREVENT EROSION, POLLUTION, SEDIMENTATION OR OTHER DISCHARGES WHICH WOULD AFFECT PROPERTIES ADJACENT TO THE WORK SITE. ALL MEASURES TAKEN TO PROVIDE POSITIVE DRAINAGE SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS IN THE CONTRACT.
- ALL DISTURBED AREAS THAT ARE NOT TO BE PAVED OR STONE LINED SHALL BE MULCHED AND SEEDED. MULCHING AND SEEDING OF DISTURBED AREAS SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS FOLLOWING FINAL GRADING OF THE DISTURBED AREA. IN THE EVENT THAT A DISTURBED AREA WILL REMAIN INACTIVE FOR MORE THAN 21 CALENDAR DAYS BEFORE FINAL GRADING CAN BE ACCOMPLISHED, THE DISTURBED AREA SHALL BE TEMPORARILY SEEDED AND MULCHED WITHIN 7 DAYS OF THE START OF THE INACTIVE PERIOD. TEMPORARY SEED CAN CONSIST OF 80 LBS/ACRE OF 100% ANNUAL RYE GRASS. PERMANENT SEEDING OF TEMPORARILY SEEDED AREAS IS STILL REQUIRED. TEMPORARY SEED AND MULCH SHALL BE PAID UNDER ITEM 209.1003.
- PERMANENT SEED SHALL CONSIST OF NYSDOT STANDARD ROADSIDE SEEDMIX A. SEE NYSDOT STANDARD SPECIFICATION 713-04 FOR DETAILS.
- HYDROSEEDING SHALL NOT BE ALLOWED WITHIN 10 FEET OF OPEN WATER. AREAS WITHIN 10 FEET OF OPEN WATER SHALL BE HAND SEEDED AND MULCHED WITH STRAW.
- ALL AREAS OF EXPOSED SOIL ON A 1V:3H SLOPE OR STEEPER, OR WHERE INDICATED ON THE PLANS, SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF GRADING WITH SEED AND MULCH, ITEM 209.1003, AND WITH ROLLED EROSION CONTROL FABRIC, 209.190201. RUNOFF FROM AREAS OF EXPOSED SOILS SHALL BE CONTAINED BY SEDIMENT FILTER LOGS, ITEM 209.23010009 PER THE TYPICAL SECTIONS AND EROSION AND SEDIMENT CONTROL PLAN.
- THE CONTRACTOR SHALL MAKE PROVISIONS TO DEWATER THE WORK AREA, AS NEEDED. THE COST OF DEWATERING SHALL BE INCLUDED UNDER VARIOUS ITEMS THIS CONTRACT.
- THE CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCES AT ALL CONSTRUCTION EQUIPMENT STORAGE AREAS, STAGING AREAS, DISPOSAL SITES, ON-SITE BORROW PITS, STOCKPILE AREAS, ETC. THE COST OF THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INCLUDED IN THE VARIOUS BID ITEMS FOR THE CONTRACT. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
- THE CONTRACTOR SHALL DOZER TRACK ALL SLOPES THAT ARE LARGE ENOUGH TO ACCOMMODATE SUCH EQUIPMENT. TRACKING SLOPES IN PROPER ORIENTATION SUCH THAT MICRO SHELVES ARE CREATED HELPS TO PREVENT EROSION AND SUPPORTS TURF ESTABLISHMENT. THE COST OF THIS ITEM SHALL BE INCLUDED IN THE VARIOUS LINE ITEMS OF THE CONTRACT. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM.

STREAM PROTECTION NOTES

- THE FOLLOWING STREAMS ARE WITHIN THE PROJECT LIMITS: TRIBUTARY OF MOHAWK RIVER, CLASS C, STANDARD C(T)
- DURING THE CONSTRUCTION, THE CONTRATOR SHALL CONDUCT ITS OPERATIONS IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO ANY WATERBODY, INCLUDING WETLANDS, FROM DIRECT OR INDIRECT POLLUTION BY DEBRIS, SEDIMENTATION OR OTHER FOREIGN MATERIAL, OR FROM THE MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH WATER BODIES.
- NO WATER SHALL BE RETURNED DIRECTLY TO THE WATERBODY WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THE WATER TO BE CONTAMINATED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF WATER IS TO BE DRAWN FROM A LOCAL ON-SITE WATER SOURCE, TO PROTECT AQUATIC LIFE THERE MAY NOT BE ANY LOSS OF WATER ELEVATION AT THE SITE OF WITHDRAWAL OR IMMEDIATELY DOWNSTREAM OF THE SITE. WATER WITHDRAWAL SHALL BE ACCOMPLISHED WITH USE OF AN INLET SCREEN, WITH A SCREEN SIZE NOT TO EXCEED 1/4 INCH SQUARE.
- NO CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING, STOCKPILING, STORING, STAGING, OR OTHER RELATED ACTIVITIES SHALL BE PERMITTED WITHIN THE WATERBODY EXCEPT AS DESCRIBED IN THESE PLANS AND AUTHORIZED IN THE PERMIT DOCUMENTS. EROSION CONTROL ITEMS ARE REQUIRED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. ANY WORK IN THE WATERBODY NOT SHOWN ON PLANS SHALL NOT BE DONE WITHOUT COORDINATION AND APPROVAL BY THE ENGINEER IN CONSULTATION WITH THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR.
- TO PROTECT TROUT IN THE STREAM, IN-WATER WORK IS PROHIBITED BEGINNING OCTOBER 1 AND ENDING MAY 31. THE CONTRACTOR SHALL ACCOMPLISH STREAM WORK, INCLUDING WATER DIVERSION, COFFERDAM INSTALLATION AND REMOVAL, DURING THE PERIOD BETWEEN JUNE 1 AND SEPTEMBER 30. COFFERDAMS IN THE STREAM CHANNEL AND/OR WATER DIVERSIONS SHALL NOT BE ALLOWED PRIOR TO JUNE 1 AND AFTER SEPTEMBER 30 WITHOUT PRIOR WRITTEN APPROVAL FROM THE NYSDEC AND THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR. COFFERDAMS AND STREAM DIVERSIONS SHOULD BE SIZED WITH REGARD TO THE SEASONAL FLOW OF THE STREAM EXPECTED FOR THE TIME THEY ARE TO BE IN USE.
- PRIOR TO STARTING ANY WORK IN THE STREAM BED OR WITHIN 50 FEET OF THE WATERS EDGE, INCLUDING CONSTRUCTION ACCESS, WATER DIVERSION, AND HABITAT RESTORATION, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER. THE ENGINEER SHALL CONSULT WITH THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR.
- ANY WORK IN THE WATERBODY NOT SHOWN ON PLANS AND NOT AUTHORIZED IN THE PERMIT MAY REQUIRE ADDITIONAL PERMITS OR PERMIT MODIFICATIONS AND SHALL NOT BE DONE WITHOUT COORDINATION AND APPROVAL BY THE ENGINEER IN CONSULTATION WITH THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR.

TREE CUTTING RESTRICTIONS

- IN ORDER TO PREVENT ANY DIRECT IMPACT TO INDIANA BAT (MYOTIS SODALIS) AND NORTHERN LONG-EARED BAT (MYOTIS SEPTENTRIONALIS), BOTH FEDERAL AND STATE LISTED ENDANGERED SPECIES, AND TRICOLOR BAT (PERIMYOTIS SUBFLAVUS), A PROPOSED FEDERAL ENDANGERED SPECIES, THE CONTRACTOR'S ATTENTION IS HEREBY DIRECTED TO THE FACT THAT TREE CUTTING RESTRICTIONS APPLY TO TREES THAT ARE 2 INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT (DBH).
- DUE TO THE POSSIBLE PRESENCE OF PROTECTED BAT SPECIES, THE CONTRACTOR SHALL BE AWARE THAT TREES 2" DIAMETER OR LARGER MEASURED AT BREAST HEIGHT CAN ONLY BE CUT FROM NOVEMBER 1 TO MARCH 31. NO TREE CUTTING WILL OCCUR FROM APRIL 1 TO OCTOBER 31. THE CONTRACTOR SHALL SEQUENCE THE PROJECT ACCORDINGLY.
- THE CONTRACTOR SHALL REMOVE ALL UNDERLYING VEGETATION INCLUDING STUMPS AND DOWNED TREES UNDER ITEM 201.06.

ENVIRONMENTAL PERMITS

- THE CONTRACTOR SHALL COMPLY WITH ALL ENVIRONMENTAL PERMIT REQUIREMENTS AND CONDITIONS SPECIFIED IN THE PERMIT(S) ISSUED FOR THE PROJECT. COST TO BE INCLUDED UNDER VARIOUS ITEMS IN THE CONTRACT.
- THE FOLLOWING PERMITS ARE ANTICIPATED TO BE ACQUIRED FOR THE PROJECT:

US ARMY CORPS OF ENGINEERS: SECTION 404, NATIONWIDE PERMIT *3 - MAINTENANCE ACTIVITIES, NATIONWIDE PERMIT *42 - RECREATIONAL FACILITIES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION: GP-0-25-001 - GENERAL PERMIT FOR STORMWATER DISCHARGES, ARTICLE 24 - PERMIT FOR FRESHWATER WETLANDS, ARTICLE 15 - PERMIT FOR STREAM PROTECTION, 401 WATER QUALITY CERTIFICATION

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: JUNE 23, 2025		ALTERED BY: GREENMAN - PEDERSEN, INC ON:							
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		MOHAWK RIVER TRAIL	PIN 2650.61 / 2LC1.31	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553
				PHASE 3	UTILQLVL C			SITE 15 - MRT (PIN 2650.61) EROSION & SEDIMENT CONTROL NOTES	DRAWING NO. ENMRT-01 SHEET NO. 80
				CITY OF ROME					
				COUNTY: ONEIDA					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.									
		Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPINET.COM				CITY OF ROME			

FILE NAME = ...\\265061_oph_eop-bl.dgn
DATE/TIME = 6/23/2025
USER = ejackson

DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER C. CORNWELL
DESIGN M. HACKER
CHECK T. VYCE
DRAFTING M. HACKER
CHECK A. JACKSON
PROJECT MANAGER C. CORNWELL

LEGEND

- LIMITS OF CLEARING AND GRUBBING, ITEM 201.06
- LIMITS OF EARTHWORK ITEMS 203.02, 203.03, AND / OR 206.01
- BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES, ITEM 209.23010009
- TEMPORARY PLASTIC BARRIER FENCE, ITEM 607.41010010



EXPIRATION: 10/31/2025

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:

NOTES:

- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED BEYOND THOSE SHOWN THIS DWG. SEE EROSION AND SEDIMENT CONTROL NOTES 2 AND 5, DWG ENMRT-01.
- THE COST OF ALL WORK ASSOCIATED WITH INSTALLING AND REMOVING R11-2C "PATH CLOSED" SIGNS SHOWN THIS DWG SHALL BE INCLUDED UNDER BASIC WORK ZONE TRAFFIC CONTROL - ITEM 619.01.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTIL/QLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
EROSION & SEDIMENT CONTROL PLANS

CONTRACT NUMBER
D265553

DRAWING NO. EPMRT-01
SHEET NO. 81

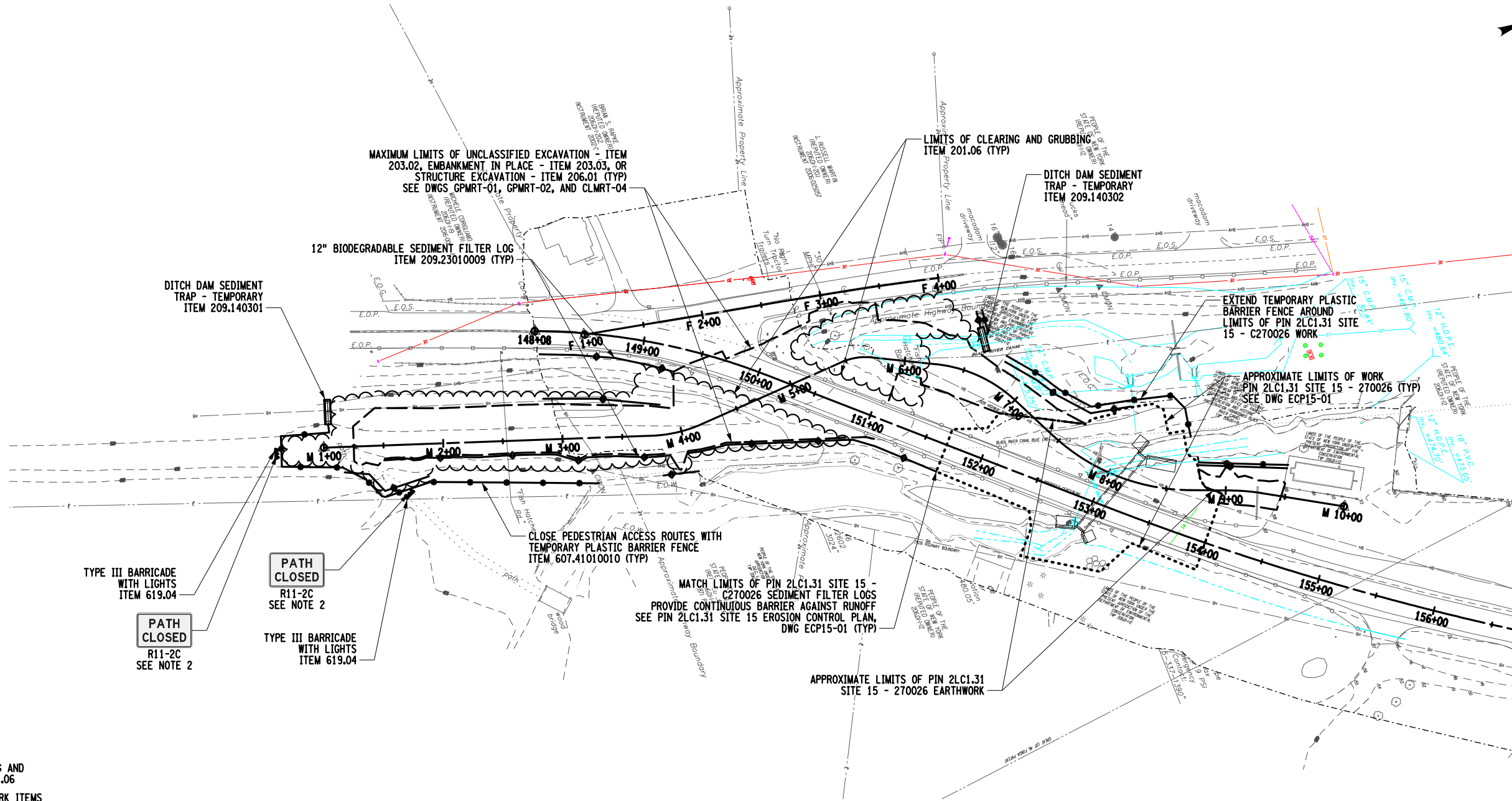
GPI

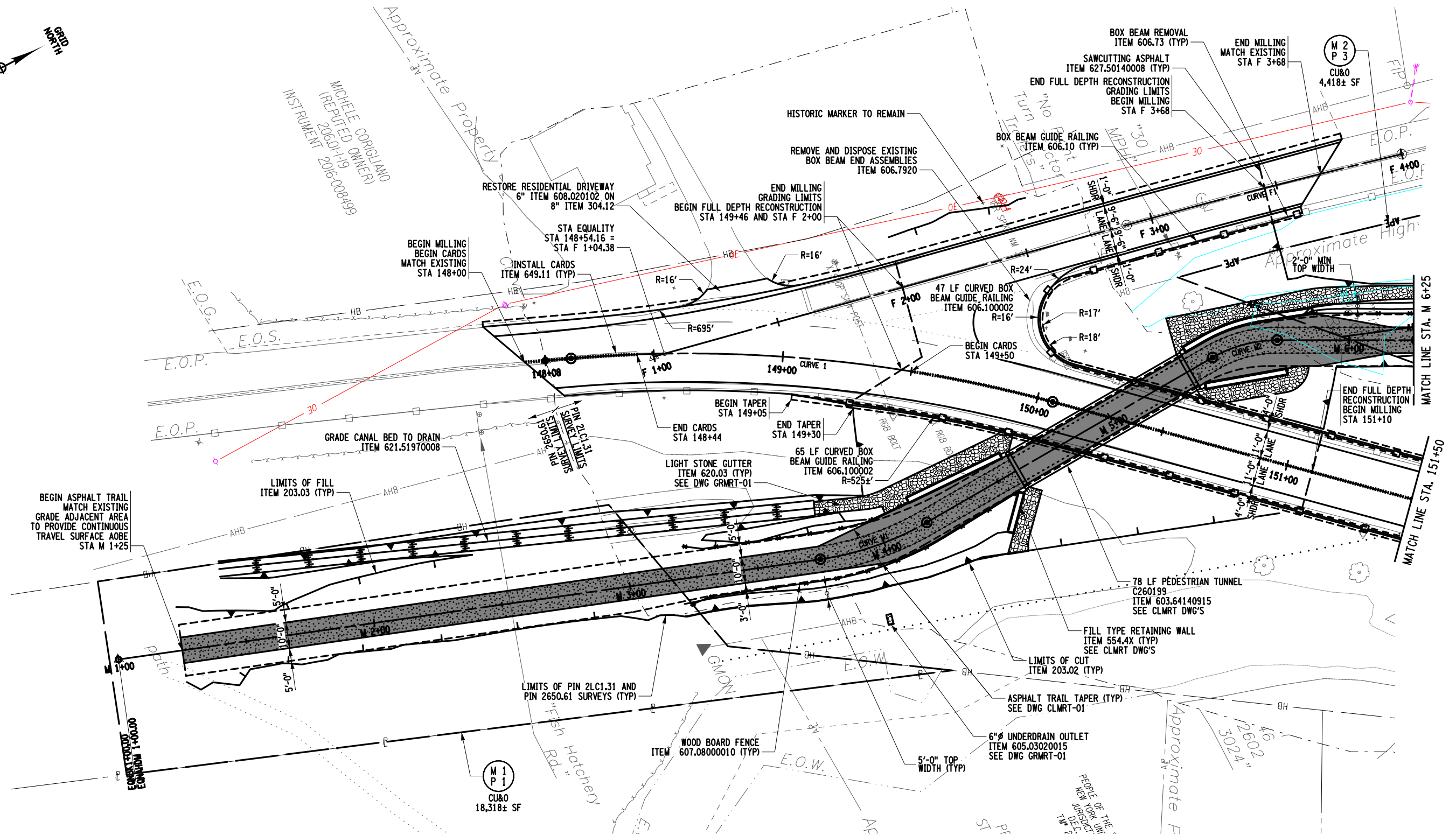
Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

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ALTERED BY: GREENMAN - PEDERSEN, INC
ON:

1. THE EXACT LOCATION OF UNDERDRAIN OUTLET SHALL BE ABOVE. POSITIVE DRAINAGE MUST BE MAINTAINED AND THE OUTLET MUST BE DAYLIGHTED. THE COST OF ALL EXCAVATION, BACKFILL, RESTORATION, AND ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES TO INSTALL UNDERDRAIN OUTLET IS INCLUDED IN ITEM 605.03020015.

 ASPHALT TRAIL - ITEM 608.020102
WITH PHOTOLUMINESCENT AGGREGATE
- ITEM 615.03070108

 ASPHALT TRAIL - ITEM 608.020102

CURVE 1	CURVE F1	CURVE M1	CURVE M2
PI = 149+12.96	PI = F 3+45.05	PI = M 3+96.62	PI = M 5+59.40
L = 188.11'	L = 109.92'	L = 43.89'	L = 26.18'
R = 540.00'	R = 2924.76'	R = 115.00'	R = 50.00'



ITY OF ROME

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EXPIRATION: 10/31/2025

GP

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Albany, NY 12205
518.453.9431 GPINET.COM



AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

NOTES:

- ONE (1) POST FOR WOOD BOARD FENCE SHALL BE SHORTENED AS REQUIRED OVER CULVERT C270026. SEE WOOD BOARD FENCE NOTE 13, DWG MDMRT-02.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL	PIN 2650.61 / 2LC1.31
PHASE 3	
CITY OF ROME	UTILQLVL C
COUNTY: ONEIDA	REGION: 2

PIN 2650.61 / 2LC1.31

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D265553

SITE 15 - MRT (PIN 2650.61)
GENERAL PLANS

DRAWING NO. PLMRT-02
SHEET NO. 83

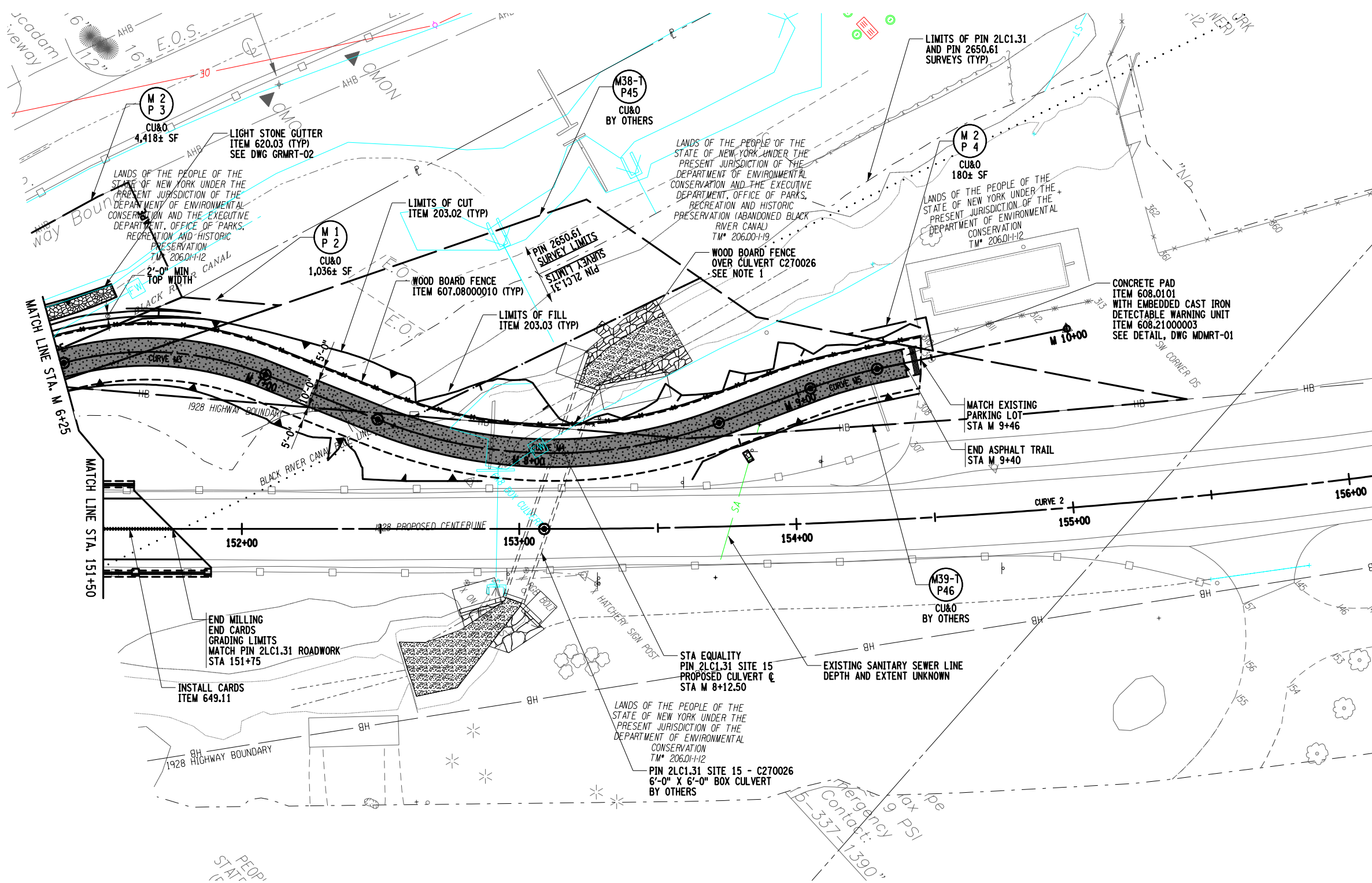
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GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME



LEGEND

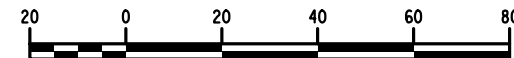
ASPHALT TRAIL - ITEM 608.020102
WITH PHOTOLUMINESCENT
AGGREGATE - ITEM 615.03070108

CURVE 2
PI = 154+91.77
L = 364.78'
R = 2350.00'

CURVE M3
PI = M 6+64.57
L = 74.85'
R = 115.00'

CURVE M4
PI = M 8+09.81
L = 125.89'
R = 170.00'

CURVE M5
PI = M 9+17.53
L = 25.11'
R = 166.00'



FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER C. CORNWELL
DESIGN M. HACKER
CHECK T. VYCE
DRAFTING M. HACKER
CHECK A. JACKSON
PROJECT MANAGER C. CORNWELL

SIGN INSTALLATION TABLE									
MUTCD	LOCATION		TEXT	ITEM	SIZE			PAYMENT AREA	
					AREA			TOTAL PAYMENT AREA	
W1-2	1-1, 2-1			645.5101	18"	X	18"	2.30 SF	
		2			2.30 SF			4.60 SF	
M3-1P	1-2			645.5102	24"	X	12"	2.00 SF	
		1			2.00 SF			2.00 SF	
M1-5NY	1-2			645.5102	24"	X	24"	4.00 SF	
		1			4.00 SF			4.00 SF	
M6-2P	1-2			645.5102	21"	X	15"	2.20 SF	
		1			2.20 SF			2.20 SF	
W1-8R	1-3, 1-4, 1-6			645.5101	18"	X	24"	3.00 SF	
		3			3.00 SF			9.00 SF	
W1-8L	1-4, 1-6			645.5101	18"	X	24"	3.00 SF	
		2			3.00 SF			6.00 SF	

SIGN INSTALLATION TABLE									
MUTCD	LOCATION		TEXT	ITEM	SIZE			PAYMENT AREA	
					AREA			TOTAL PAYMENT AREA	
R3-1	1-5			645.5102	24"	X	24"	4.00 SF	
		1			4.00 SF			4.00 SF	
M4-4P	1-5			645.5102	24"	X	12"	2.00 SF	
		1			2.00 SF			2.00 SF	
R2-1	1-7			645.5102	24"	X	30"	5.00 SF	
		1			5.00 SF			5.00 SF	
W3-1	2-2			645.5101	18"	X	18"	2.30 SF	
		1			2.30 SF			2.30 SF	
R1-1	2-3			645.5101	18"	X	18"	2.30 SF	
		1			2.30 SF			2.30 SF	
R5-3	2-4			645.5101	18"	X	18"	2.30 SF	
		1			2.30 SF			2.30 SF	

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025



ALTERED BY: GREENMAN - PEDERSEN, INC
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
SIGN TEXT DATA SHEET

CONTRACT NUMBER
D265553

DRAWING NO. STMRT-01
SHEET NO. 84

GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTIL/QLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
SIGNING AND STRIPING PLANS

CONTRACT NUMBER
D265553

DRAWING NO. PMMRT-01
SHEET NO. 85

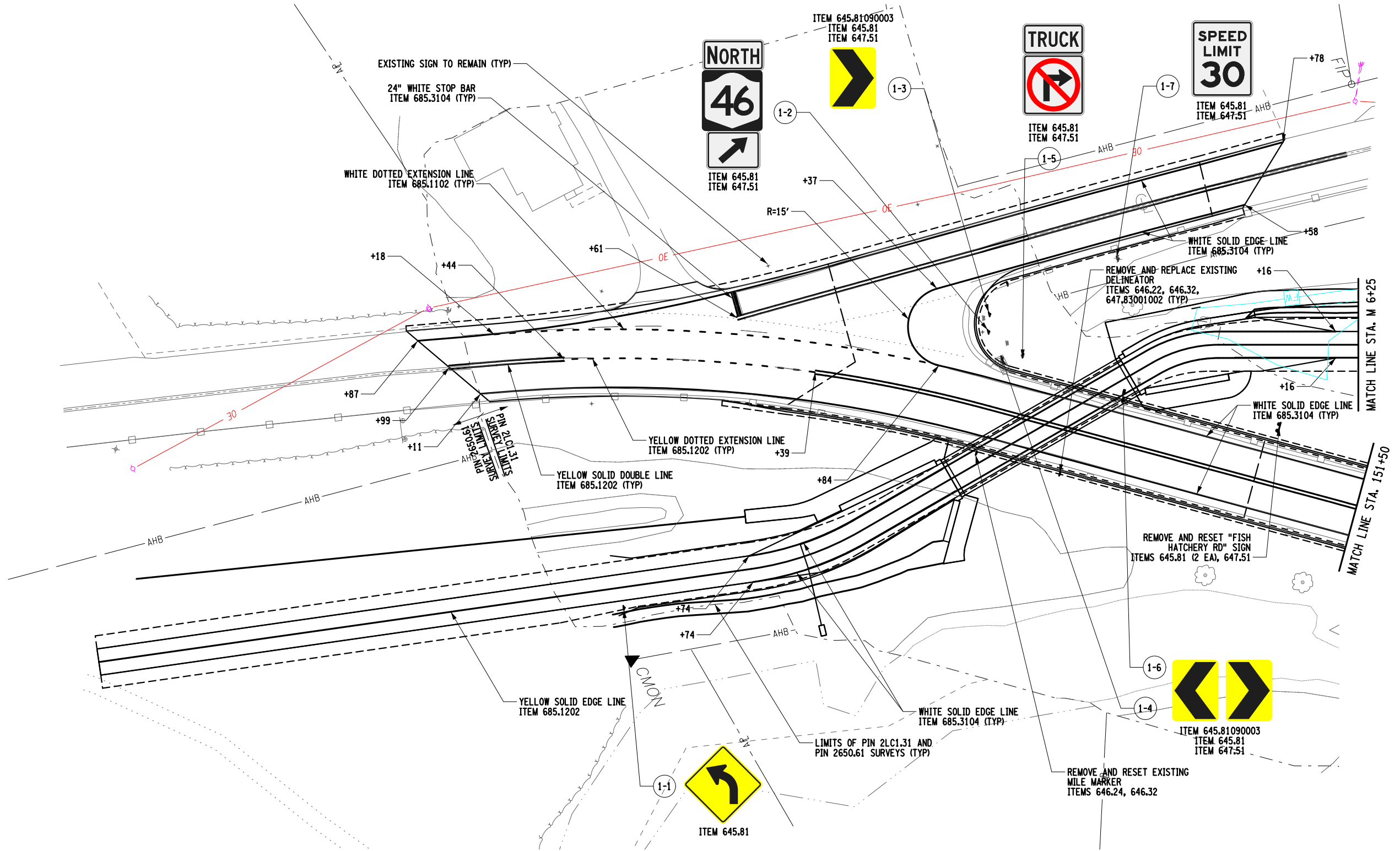
GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

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FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTIL/QLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
SIGNING AND STRIPING PLANS

CONTRACT NUMBER
D265553

DRAWING NO. PMMRT-02
SHEET NO. 86

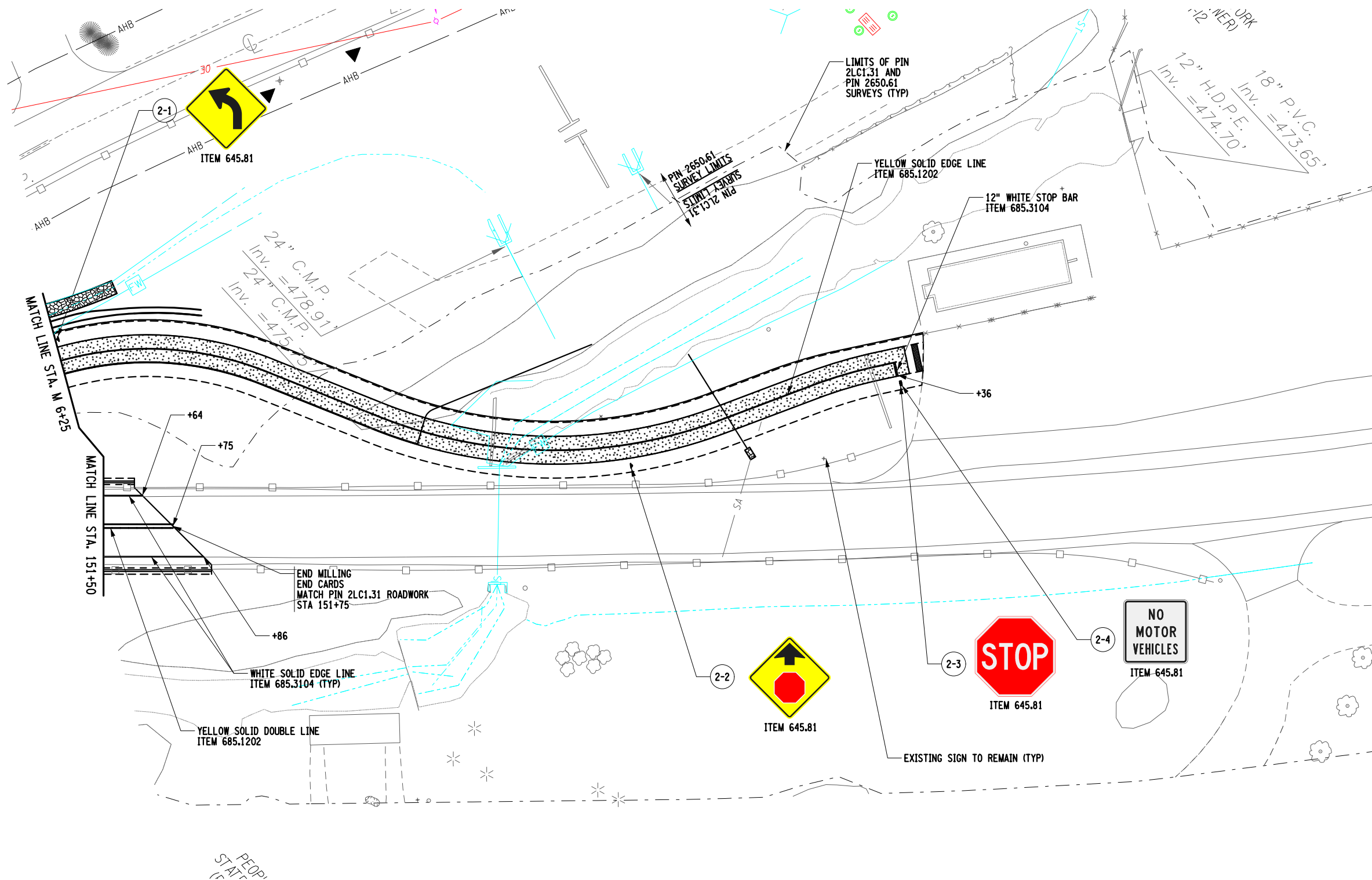
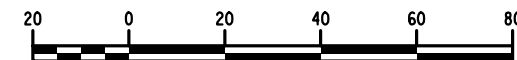
GPI

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CITY OF ROME

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FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

PAYMENT LEGEND

	ITEM 554.40
	ITEM 554.41
	ITEM 554.42

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

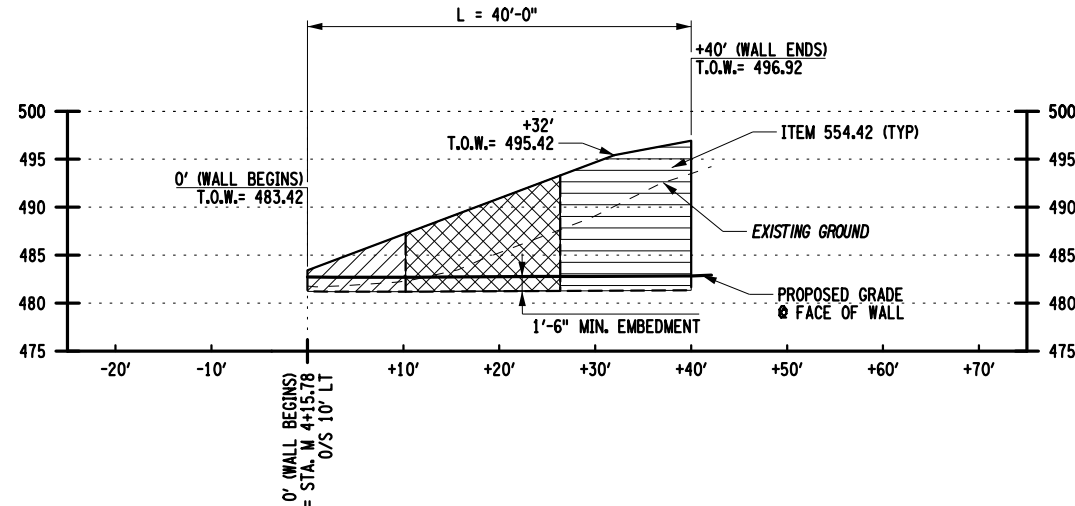
ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

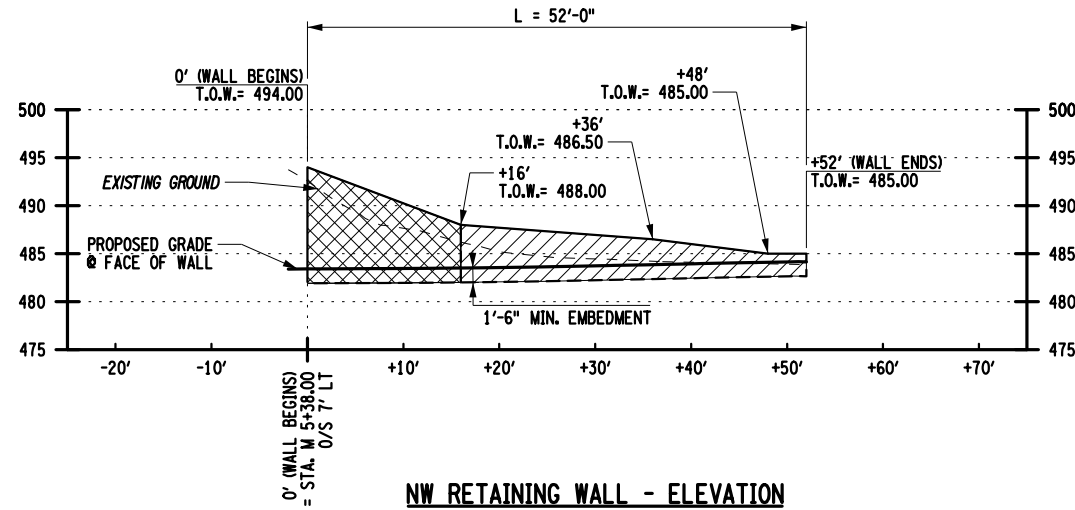
SW RETAINING WALL - ELEVATION

42.30 SQ.FT. - ITEM 554.40
145.88 SQ.FT. - ITEM 554.41
192.66 SQ.FT. - ITEM 554.42



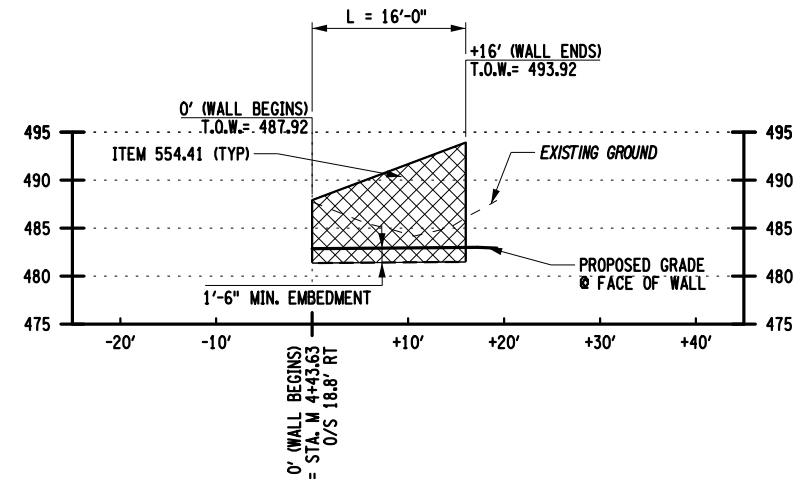
NW RETAINING WALL - ELEVATION

150.27 SQ.FT. - ITEM 554.40
144.79 SQ.FT. - ITEM 554.41



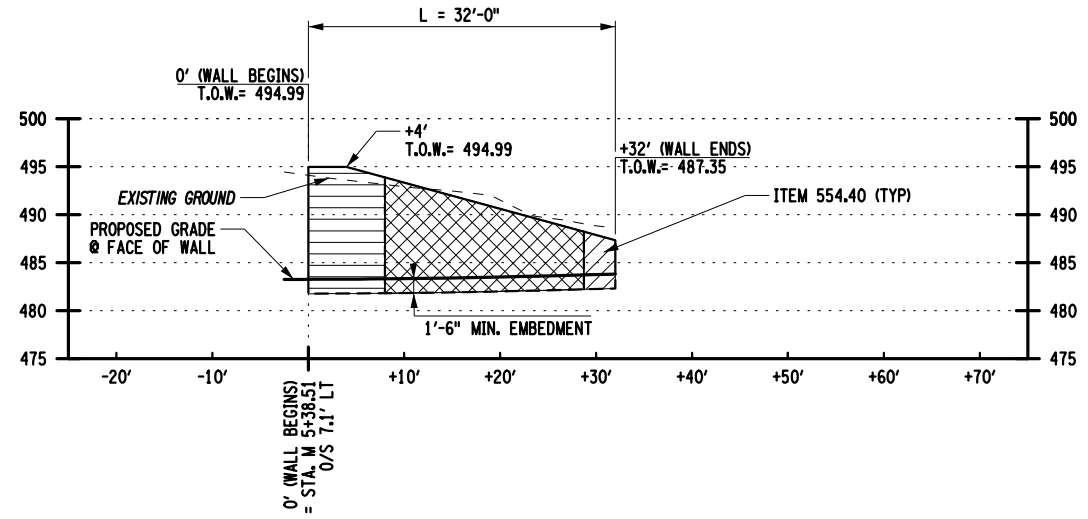
SE RETAINING WALL - ELEVATION

152.02 SQ.FT. - ITEM 554.41



NE RETAINING WALL - ELEVATION

18.13 SQ.FT. - ITEM 554.40
188.39 SQ.FT. - ITEM 554.41
103.45 SQ.FT. - ITEM 554.42



NOTES:

- THE ELEVATIONS AND DIMENSIONS SHOWN REPRESENT THE MINIMUM REQUIRED FOR FILL TYPE WALL STABILITY. FINAL DESIGN ELEVATIONS AND DIMENSIONS MAY VARY BASED UPON SELECTED WALL SYSTEM OR UNANTICIPATED FIELD CONDITIONS.
- SEE DWG CLMRT-03 FOR TYPICAL WALL SECTION.
- ALL FILL TYPE RETAINING WALLS THIS CONTRACT SHALL BE CAPABLE OF STANDING UNREINFORCED AT FULL DESIGN HEIGHT.
- ITEM 554.4X SHALL BE SOURCED FROM THE SAME WALL SUPPLIER FOR ALL WALLS.
- FINISH ON ITEM 554.4X SHALL BE CHISELED GRANITE OR APPROVED EQUAL.

- FOLLOWING INSTALLATION OF FILL TYPE RETAINING WALLS, ALL EXPOSED FACES OF ITEM 554.4X SHALL BE TREATED WITH ITEM 559.91100010 - ANTI-GRAFFITI PROTECTIVE COATING. ITEM 559.91100010 SHALL BE:
 - ONE COMPONENT
 - CLEAR-DRYING
 - NON-SACRIFICIAL (PERMANENT)
 - TESTED ACCORDING TO ASTM D7089 AND CAPABLE OF ACHIEVING A RATING OF "CLEANABILITY LEVEL 1" AFTER CLEANING
 - SPRAY-APPLIED
 - APPLIED ACCORDING TO MANUFACTURER'S INSTRUCTIONSALL ADDITIONAL PROVISIONS OF ITEM 559.91100010 SHALL APPLY.



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D265553

SITE 15 - MRT (PIN 2650.61)
WALL PROFILES

DRAWING NO. WLMRT-01
SHEET NO. 87

GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

PEDESTRIAN TUNNEL DESIGN DATA	
CLEAR SPAN, ft.	14.0
STRUCTURE RISE, ft.	9.0
* MIN. FILL HEIGHT, ft.	2.7
* MAX. FILL HEIGHT, ft.	4.8
SKUEW ANGLE 1 TO C OF ROADWAY, DEG.	44°51'27.7"
LIVE LOAD	HL93 W/ LRFD INV. FACTOR ≥ 1.2
RAILING / BARRIER TEST LEVEL	TL-3

* BASED ON ASSUMED TOP SLAB THICKNESS OF
1'-0". MEASURED FROM THE TOP OF THE TOP
SLAB TO THE TOP OF PAVEMENT.

LOAD RATING (LFD)		
INVENTORY	HS	TONS
OPERATING	HS	TONS
LRFR RATING FACTORS		
INVENTORY	HL-93	
OPERATING	HL-93	

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

NOTES:

- THE LENGTH OF EACH CULVERT SEGMENT SHALL BE DETERMINED BY THE CONTRACTOR.
- MODIFIED BOX BEAM GUIDE RAILING POST EMBEDMENT TO BE PER DETAIL 3-A, NYSDOT HDM CHAPTER 10, APPENDIX B, FIGURE 10B-7. SHOULD CONDITIONS REQUIRE MULTIPLE POSTS TO BE SHORTENED, DETAIL 3-B OR 3-F SHALL BE USED INSTEAD DEPENDING ON LENGTH OF OBSTRUCTION.
- THE FILL TYPE RETAINING WALL FOOTING BLOCKS SHOWN ARE INCLUDED FOR ILLUSTRATIVE PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN OF THE FILL TYPE RETAINING WALLS.
- PEDESTRIAN TUNNEL, NE, SW, AND SE RETAINING WALLS ARE TO BE CONSTRUCTED WHILE ON-SITE DETOUR (WZTC PHASE 2) IS IN PLACE. NW RETAINING WALL AND ELECTRICAL UTILITY CONNECTION TO BE INSTALLED DURING WZTC PHASE 3. TRAIL AND TUNNEL LIGHTING TO BE INSTALLED DURING WZTC PHASE 3 AND / OR FOLLOWING RE-OPENING OF NY46 MAINLINE TO TRAFFIC.
- SEE LDMRT AND LPMRT DWGS FOR TUNNEL LIGHTING DETAILS.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL
PHASE 3
CITY OF ROME
COUNTY: ONEIDA
REGION: 2

PIN 2650.61 / 2LC1.31

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D265553

SITE 15 - MRT (PIN 2650.61)
STRUCTURE PLAN

DRAWING NO. CLMRT-01
SHEET NO. 88

GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

GEOTECHNICAL DESIGN DATA

FRICTION ANGLE OF SOIL RETAINED BY THE WALL (DEGREES)	FRICTION ANGLE OF FOUNDATION SOIL (DEGREES)	TOTAL SOIL UNIT WEIGHT (lb/ft ³)	MAXIMUM SERVICE LIMIT STATE BEARING RESISTANCE (lb/ft ²)	NOMINAL COEFFICIENT OF FRICTION FOR SLIDING	STRENGTH LIMIT STATE RESISTANCE FACTOR FOR SLIDING	STRENGTH LIMIT STATE RESISTANCE FACTOR FOR BEARING
--	--	--	--	--	--	--

SEE DWG CUL15-02 FOR GEOTECHNICAL DESIGN INFORMATION

WINGWALL DATA

LOCATION	ELEVATION A	ELEVATION B	ELEVATION C	DIMENSION "X"
WINGWALL 1	SE RETAINING WALL - SEE DWGS WLMRT-01 & CLMRT-05			
WINGWALL 2	SW RETAINING WALL - SEE DWGS WLMRT-01 & CLMRT-05			
WINGWALL 3	NE RETAINING WALL - SEE DWGS WLMRT-01 & CLMRT-05			
WINGWALL 4	NW RETAINING WALL - SEE DWGS WLMRT-01 & CLMRT-05			

DIMENSION "X" MEASURED ALONG FRONT FACE OF WINGWALL.
ALL ELEVATIONS SHOWN ARE IN FEET.

STRUCTURE PLAN VIEW

SCALE AS SHOWN



FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$ANTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

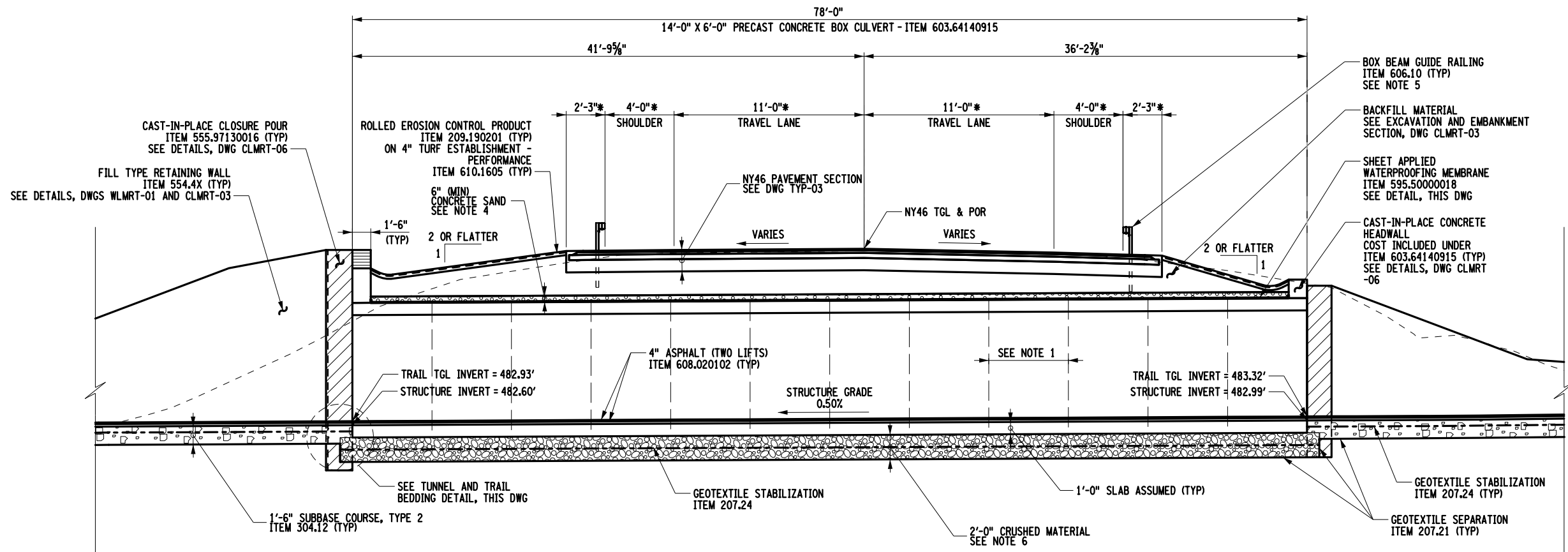
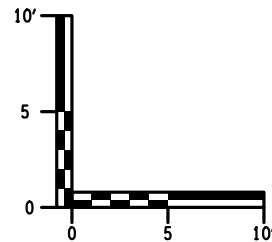
DESIGN M. HACKER

CHECK T. VYCE

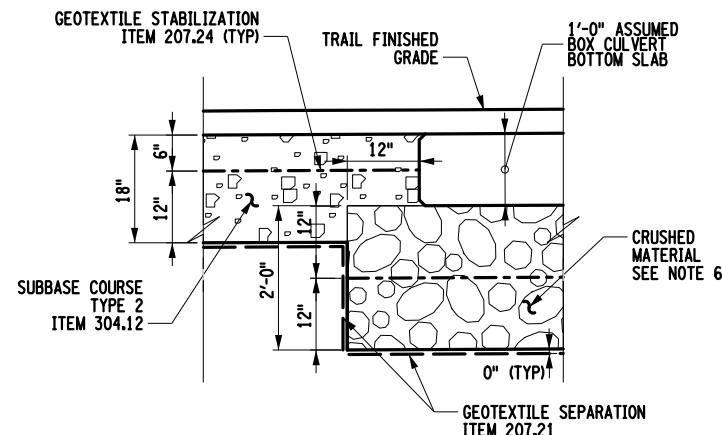
DRAFTING M. HACKER

CHECK A. JACKSON

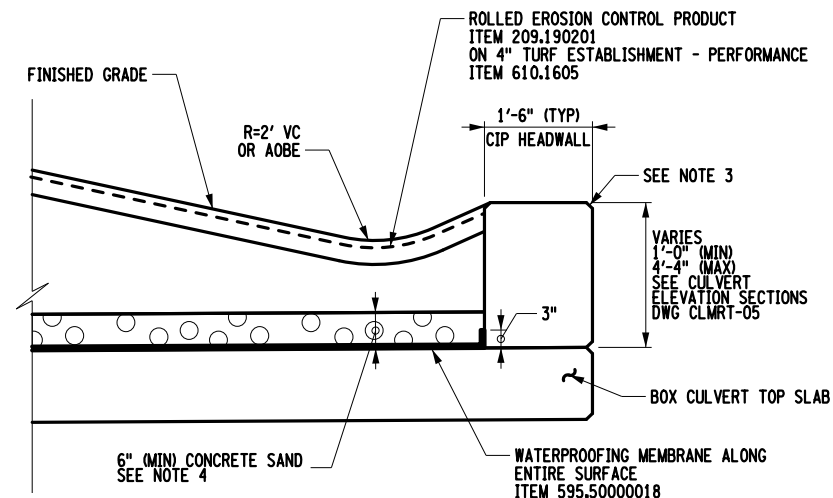
PROJECT MANAGER C. CORNWELL



PEDESTRIAN TUNNEL
SCALE AS SHOWN



TUNNEL AND TRAIL BEDDING DETAIL
NOT TO SCALE



WATERPROOFING MEMBRANE AT HEADWALL DETAIL
NOT TO SCALE

* DENOTES TYPICAL (UNSKWEVED)
ROADWAY DIMENSIONS AS MEASURED
PERPENDICULAR TO ROADWAY
CENTERLINE.

CONTRACTOR NOTES:

1. THE LENGTH OF EACH CULVERT SEGMENT SHALL BE DETERMINED BY THE CONTRACTOR.
2. WHEN STAGED CONSTRUCTION IS UTILIZED, ADEQUATE SPACE SHALL BE PROVIDED FOR THE JOINING AND SEALING OF THE ADJACENT PRECAST UNITS AT THE STAGE LINE.
3. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1".
4. A 6" (MIN) LAYER OF PROTECTIVE CONCRETE SAND MEETING THE REQUIREMENTS OF NYSDOT MATERIAL SPECIFICATION 703-07 - CONCRETE SAND, SHALL BE PLACED OVER THE WATERPROOFING MEMBRANE. THE COST OF CONCRETE SAND SHALL BE INCLUDED UNDER ITEM 595.50000018.
5. MODIFIED BOX BEAM GUIDE RAILING POST EMBEDMENT TO BE PER DETAIL 3-A, NYSDOT HDM CHAPTER 10, APPENDIX B, FIGURE 10B-7. SHOULD CONDITIONS REQUIRE MULTIPLE POSTS TO BE SHORTENED, DETAIL 3-B OR 3-F SHALL BE USED INSTEAD DEPENDING ON LENGTH OF OBSTRUCTION.
6. CRUSHED BEDDING MATERIAL SHALL MEET THE REQUIREMENTS OF NYSDOT MATERIAL SPECIFICATIONS 703-0201, 703-0202, OR 703-0204. COST OF CRUSHED MATERIAL SHALL BE INCLUDED UNDER ITEM 603.64140915.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL
PHASE 3
CITY OF ROME
COUNTY: ONEIDA REGION: 2

PIN 2650.61 / 2LC1.31
UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
STRUCTURE PROFILE

CONTRACT NUMBER
D265553

DRAWING NO. CLMRT-02
SHEET NO. 89

GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM

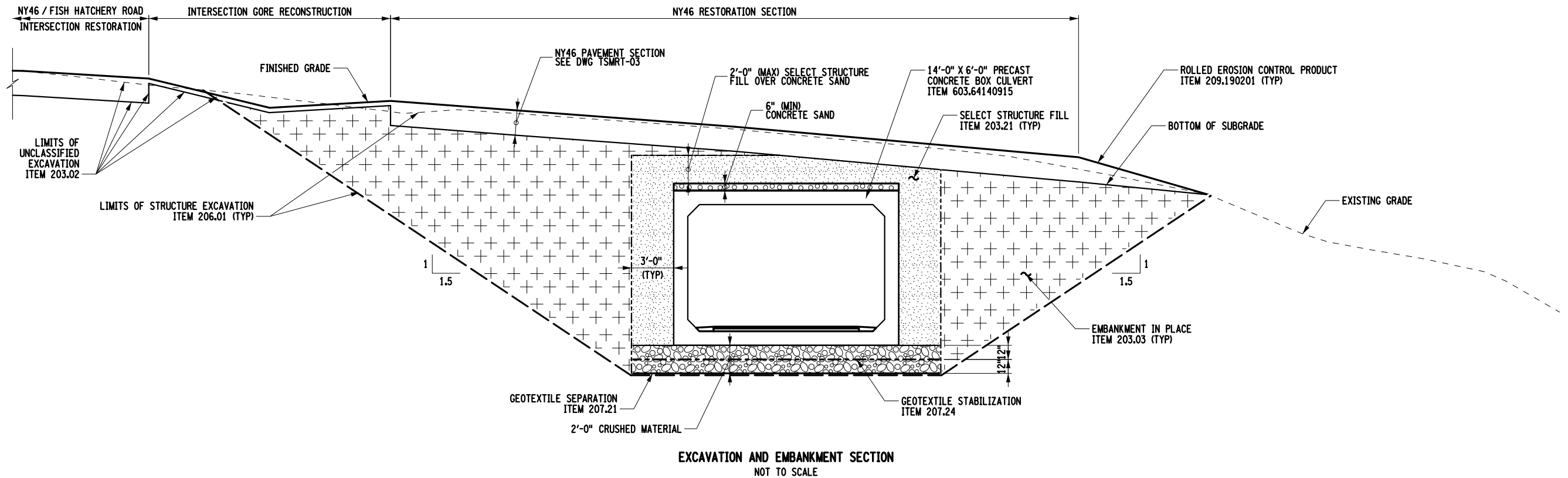


CITY OF ROME

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

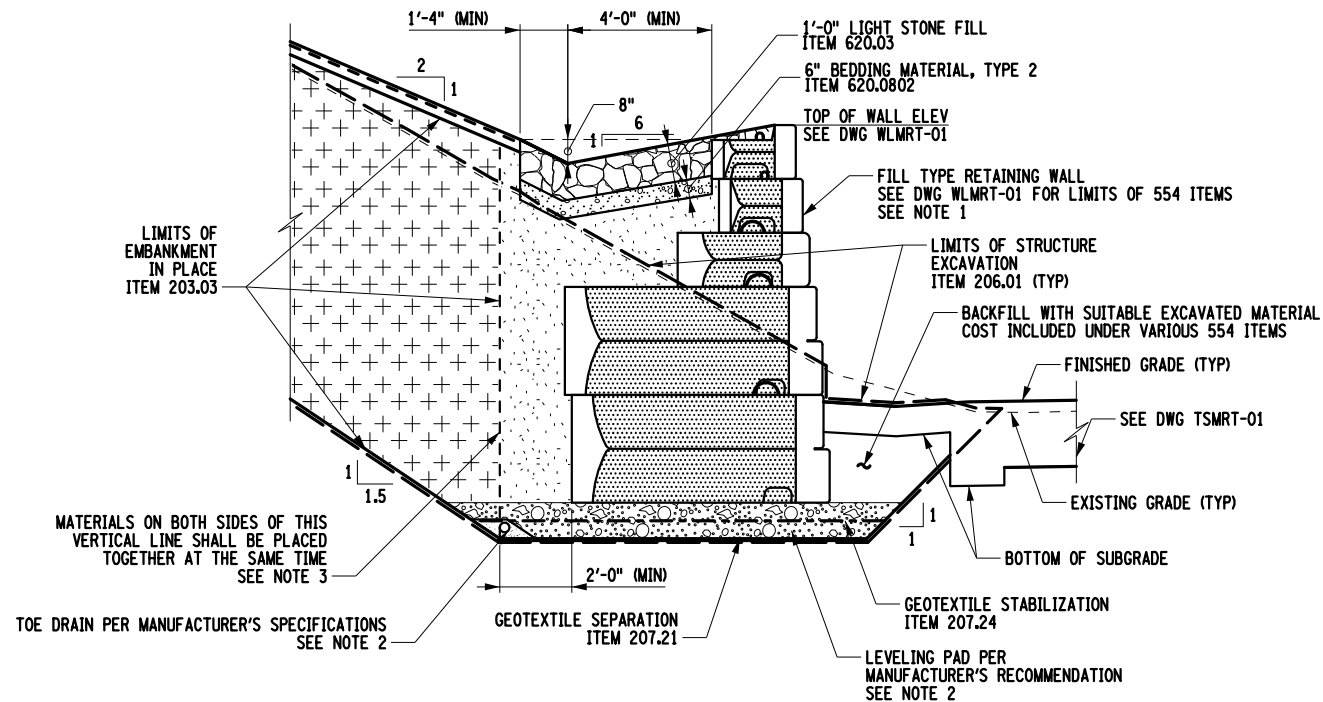
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DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER C. CORNWELL
DESIGN M. HACKER
DRAFTING M. HACKER
CHECK T. VYCE
CHECK A. JACKSON
PROJECT MANAGER C. CORNWELL



EARTHWORK LEGEND

- CRUSHED MATERIAL MEETING THE REQUIREMENTS OF MATERIAL SPECIFICATION 703-0201, 703-0202, OR 703-0204 (COST INCLUDED UNDER ITEM 603.64140915)
- SELECT STRUCTURE FILL (ITEM 203.21), COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY
- EMBANKMENT IN PLACE (ITEM 203.03 - SEE DETAILS FOR PAY LIMITS)
- CONCRETE SAND MEETING THE REQUIREMENTS OF NYSDOT MATERIAL SPECIFICATION 703-07 - CONCRETE SAND (COST INCLUDED UNDER ITEM 595.50000018)
- AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR STRUCTURE EXCAVATION (ITEM 206.01)



NOTES:

- ALL STRUCTURAL, EXCAVATION, AND BACKFILL DETAILS SHOWN ARE GENERIC AND ARE SUBJECT TO CHANGE BASED ON THE FINAL DESIGN OF THE PRECAST CONCRETE BOX CULVERT AND FILL TYPE RETAINING WALLS, TO BE COMPLETED BY THE FABRICATOR.
- THE COST OF TOE DRAIN, ASSOCIATED UNDERDRAIN MATERIAL, LEVELING PAD, SUITABLE BACKFILL, ETC. AND WORK REQUIRED TO INSTALL THE FILL TYPE RETAINING WALLS WITHIN THE LIMITS SHOWN THIS SHEET AND AS DEFINED ON NYSDOT STANDARD SHEET 554-01 IS INCLUDED UNDER THE CORRESPONDING 554 FILL TYPE RETAINING WALL ITEM.
- UNDERCUTTING IS ASSUMED TO BE REQUIRED TO A DEPTH 2'-0" BELOW BOTTOM OF STRUCTURES. THE FILL TYPE RETAINING WALL FABRICATOR SHALL BE RESPONSIBLE FOR DETERMINING THE LIFT THICKNESS AND COMPACTION REQUIREMENTS FOR SELECT STRUCTURAL FILL.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
STRUCTURE EARTHWORK

CONTRACT NUMBER
D265553

DRAWING NO. CLMRT-03
SHEET NO. 90

GPI

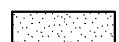
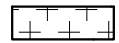
Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

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EARTHWORK LEGEND

-  SELECT STRUCTURE FILL (ITEM 203.21), COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY
-  EMBANKMENT IN PLACE (ITEM 203.03 - SEE DETAILS FOR PAY LIMITS)
- AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR STRUCTURE EXCAVATION (ITEM 206.01)
- WITHIN THESE LINES, EXCAVATE AND BACKFILL IN ACCORDANCE WITH THE ITEMS INDICATED, PAYMENT FOR ALL BACKFILL (SUITABLE EMBANKMENT MATERIAL AND SELECT STRUCTURE FILL) WITHIN THESE LINES SHALL BE INCLUDED IN THE PRICE BID FOR FILL TYPE RETAINING WALL ITEMS 554.4X

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

NOTES:

- THE FILL TYPE RETAINING WALL FOOTING BLOCKS SHOWN ARE INCLUDED FOR ILLUSTRATIVE PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN OF THE FILL TYPE RETAINING WALLS.
- PEDESTRIAN TUNNEL, NE, SW, AND SE RETAINING WALLS ARE TO BE CONSTRUCTED WHILE ON-SITE DETOUR (WZTC PHASE 2) IS IN PLACE. NW RETAINING WALL TO BE INSTALLED DURING WZTC PHASE 3. TRAIL TO BE INSTALLED DURING WZTC PHASE 3 AND / OR FOLLOWING RE-OPENING OF NY46 MAINLINE TO TRAFFIC.
- NORTHWEST RETAINING WALL EXCAVATION LIMITS SHOWN EXTENDING TO EXISTING GRADE. ACTUAL LIMITS WILL VARY BASED UPON ON-SITE DETOUR REMOVAL, NY46 RESTORATION, AND TRAIL CONSTRUCTION PHASING.
- SEE DWGS ECN-01 AND ECP-01 FOR EROSION AND SEDIMENT CONTROL MEASURES.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTIL/QLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
STRUCTURE EARTHWORK

CONTRACT NUMBER
D265553

DRAWING NO. CLMRT-04
SHEET NO. 91

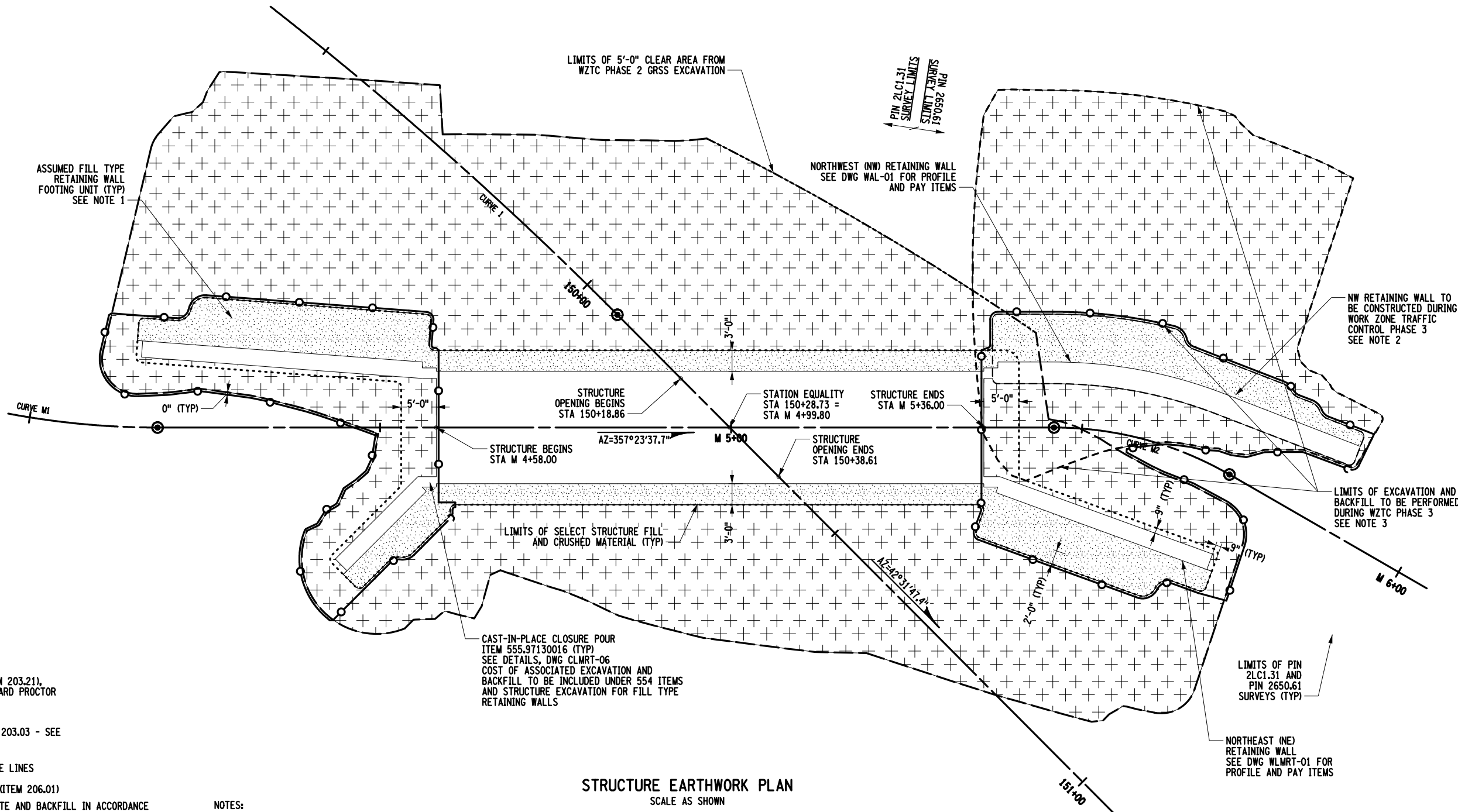
GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPI.NET.COM



CITY OF ROME

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CLOSURE POUR DATA		
LOCATION	ELEVATION A	ELEVATION B
SOUTHEAST WALL	493.93'	481.60'
SOUTHWEST WALL	496.92'	481.60'
NORTHEAST WALL	494.99'	481.99'
NORTHWEST WALL	494.00'	481.99'



AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

* DENOTES TYPICAL (UNSKEWD)
ROADWAY DIMENSIONS AS
MEASURED PARALLEL TO
ROADWAY CENTERLINE.

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
STRUCTURE ELEVATION

CONTRACT NUMBER
D265553

DRAWING NO. CLMRT-05
SHEET NO. 92

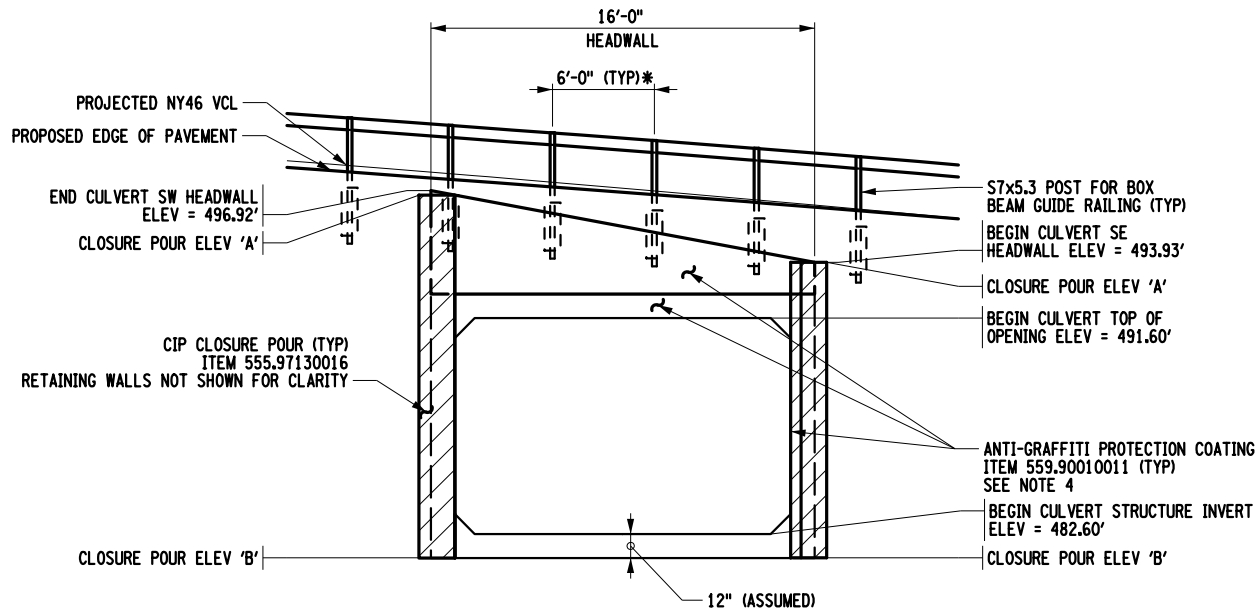
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



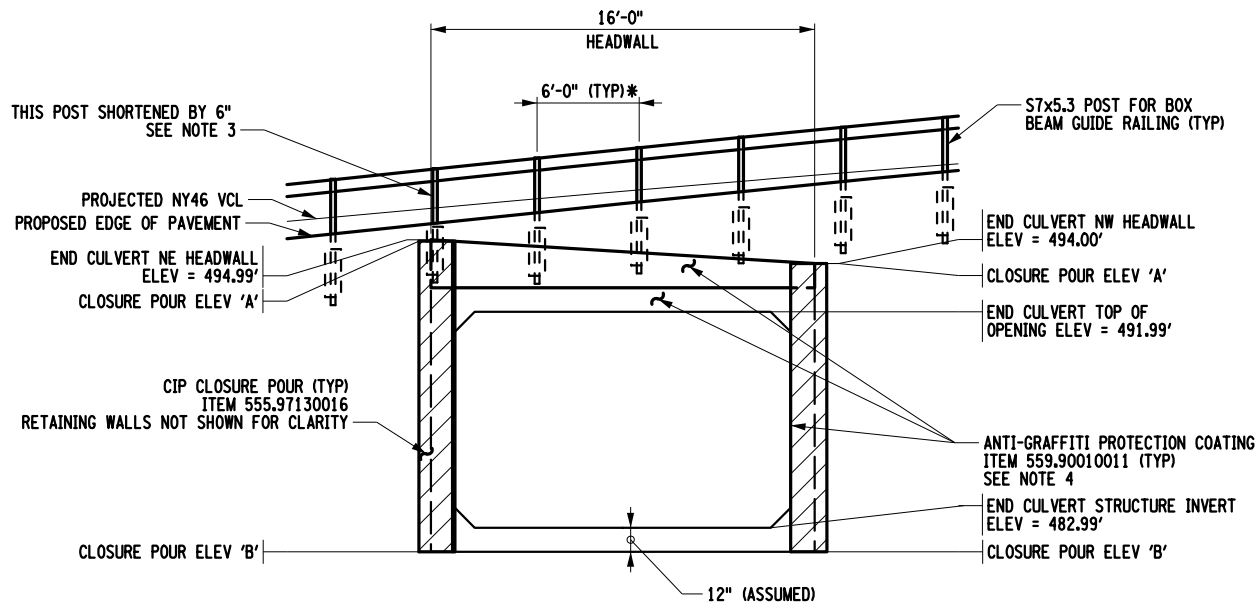
Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME



BEGIN CULVERT ELEVATION
SOUTH TRAIL APPROACH
NOT TO SCALE



END CULVERT ELEVATION
NORTH TRAIL APPROACH
NOT TO SCALE

NOTES:

- CLOSURE POUR ELEVATIONS 'A' AND 'B' ARE DEPENDENT UPON FINAL RETAINING WALL DESIGN BY FABRICATOR. ELEVATION 'A' SHALL ALLOW FOR A SMOOTH INTERFACE BETWEEN CULVERT HEADWALL. ELEVATION 'B' SHALL MATCH THE BOTTOM OF THE ADJACENT FILL TYPE RETAINING WALL FOOTING BLOCK.
- THE CONTRACTOR SHALL COMPLETE THE CLOSURE POUR DESIGN ELEVATION TABLE THIS DWG FOLLOWING POUR PLACEMENT.
- MODIFIED BOX BEAM GUIDE RAILING POST EMBEDMENT TO BE PER DETAIL 3-A, NYSDOT HDM CHAPTER 10, APPENDIX B, FIGURE 10B-7. SHOULD CONDITIONS REQUIRE MULTIPLE POSTS TO BE SHORTENED, DETAIL 3-B OR 3-F SHALL BE USED INSTEAD DEPENDING ON LENGTH OF OBSTRUCTION.
- FOLLOWING INSTALLATION OF CONCRETE BOX CULVERT AND CIP CLOSURE POURS (INCLUDING ALLOWING CLOSURE POURS TO CURE), AND TRAIL PAVING WITHIN THE BOX CULVERT, ALL EXPOSED CONCRETE SURFACES OF CULVERT AND CLOSURE POURS SHALL BE TREATED WITH ITEM 559.90010011 - ANTI-GRAFFITI PROTECTION COATING. ITEM 559.90010011 SHALL BE:
 - ONE COMPONENT
 - BRIGHT WHITE-COLORED
 - NON-SACRIFICIAL (PERMANENT)
 - TESTED ACCORDING TO ASTM D7089 AND CAPABLE OF ACHIEVING A RATING OF "CLEANABILITY LEVEL 1" AFTER CLEANING
 - APPLIED ACCORDING TO MANUFACTURER'S INSTRUCTIONSALL ADDITIONAL PROVISIONS OF ITEM 559.90010011 SHALL APPLY.

FILE NAME = \$FILEABBREV\$
DATE/TIME = \$DATE\$
USER = \$NTUSER\$

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER C. CORNWELL

DESIGN M. HACKER

CHECK T. VYCE

DRAFTING M. HACKER

CHECK A. JACKSON

PROJECT MANAGER C. CORNWELL

NOTES:

1. ALL PROVISIONS OF THE SPECIAL SPECIFICATION FOR ITEM 555.97130016 SHALL BE IN EFFECT.
2. ALL REBAR REINFORCEMENT SHALL BE EPOXY.
3. REINFORCEMENT PATTERNING SHOWN THIS DWG IS GENERIC AND FOR ILLUSTRATIVE PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CIP HEADWALL AND CLOSURE POUR REINFORCEMENT DESIGNS IN ACCORDANCE WITH THE SPECIFICATIONS FOR ITEM 603.64140915 AND ITEM 555.97130016.
4. PLACE CIP CLOSURE POUR AFTER BACKFILLING USING CIP FORMS.
5. LONGITUDINAL BARS IN HEADWALLS ARE NOT SHOWN FOR CLARITY.
6. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1".
7. ALL REINFORCEMENT COVER SHALL BE 2" UNLESS NOTED OTHERWISE.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



EXPIRATION: 10/31/2025

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL

PHASE 3

CITY OF ROME

COUNTY: ONEIDA

REGION: 2

PIN 2650.61 / 2LC1.31

UTILQLVL C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
STRUCTURE DETAILS

CONTRACT NUMBER
D265553

DRAWING NO. CLMRT-06
SHEET NO. 93

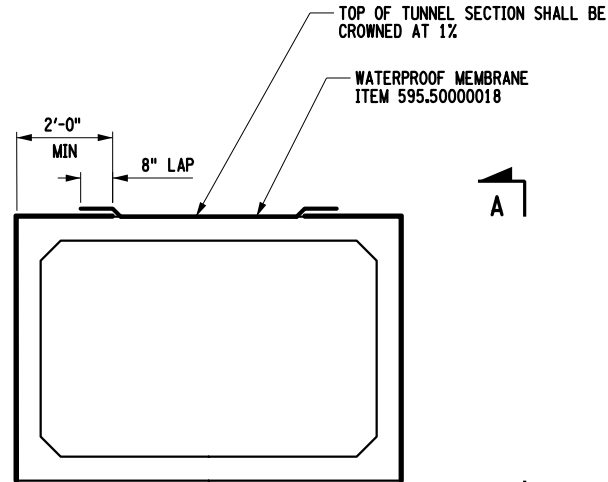
GPI

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Albany, NY 12205
518.453.9431 GPINET.COM



CITY OF ROME

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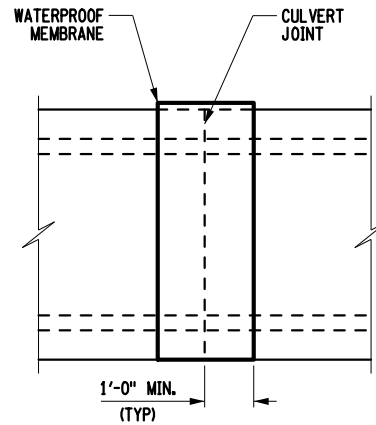
WATERPROOF MEMBRANE
SPLICE DETAIL
NOT TO SCALE

A

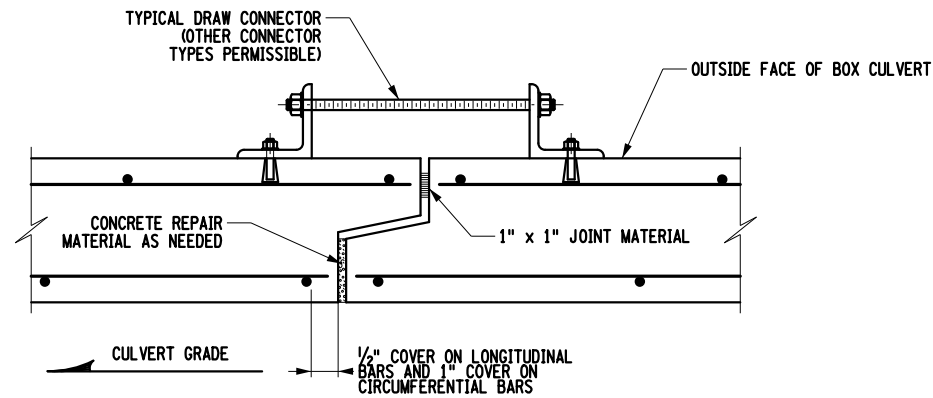
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WATERPROOF MEMBRANE NOTE:

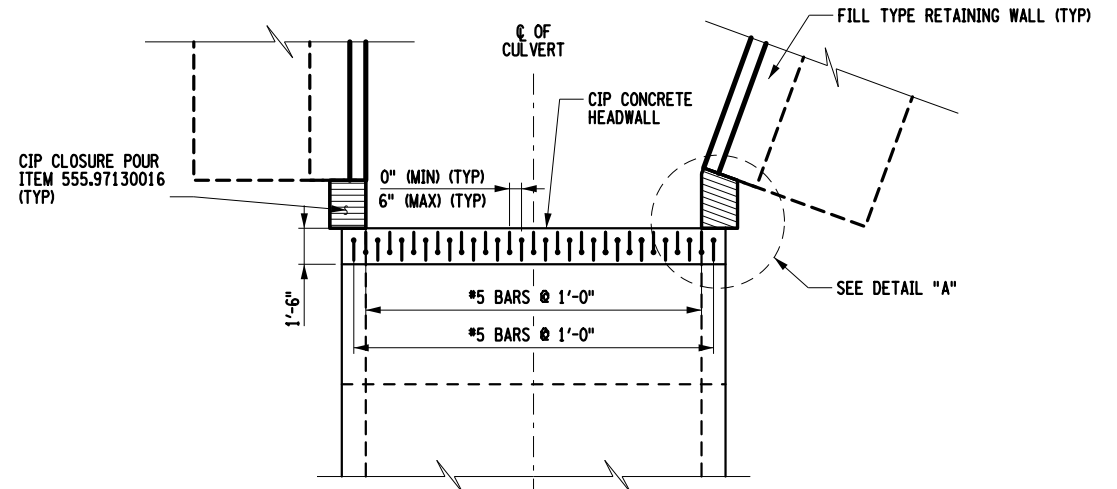
1. WHEN SPLICES ARE REQUIRED IN THE WATERPROOF MEMBRANE, LOCATE AS SHOWN.



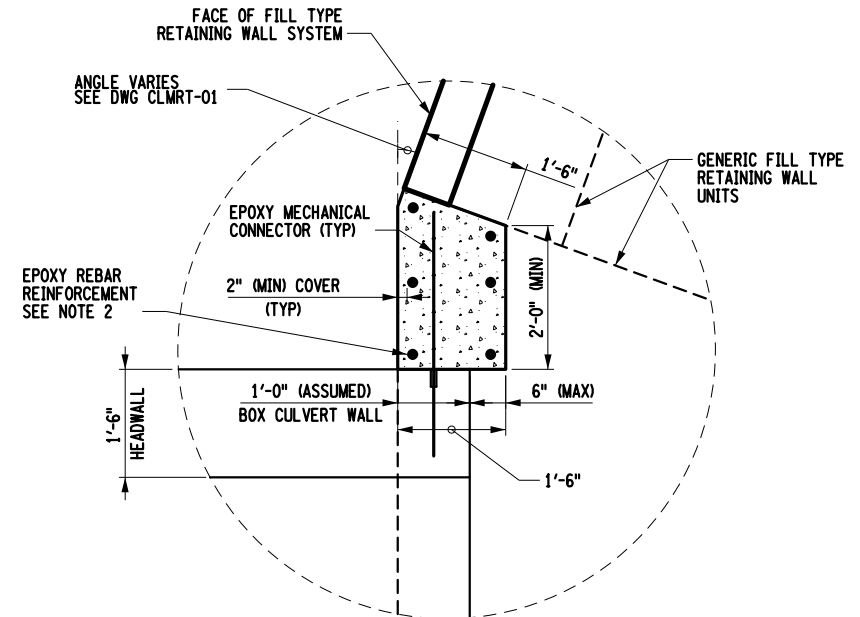
SECTION A-A
WATERPROOF MEMBRANE
NOT TO SCALE



BOX CULVERT JOINT DETAIL
NOT TO SCALE



HEADWALL REINFORCEMENT DETAIL
NOT TO SCALE

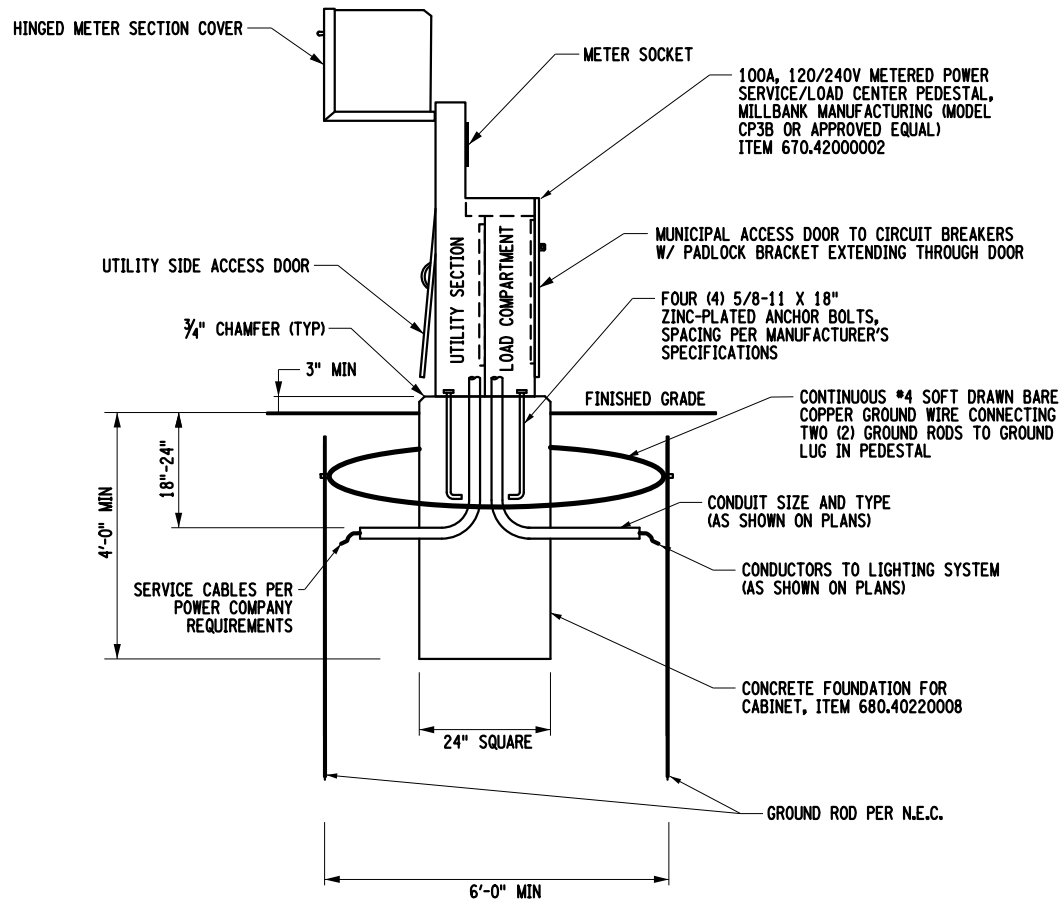


ITEM 555.97130016
CAST-IN-PLACE CLOSURE POUR
DETAIL "A"
NOT TO SCALE

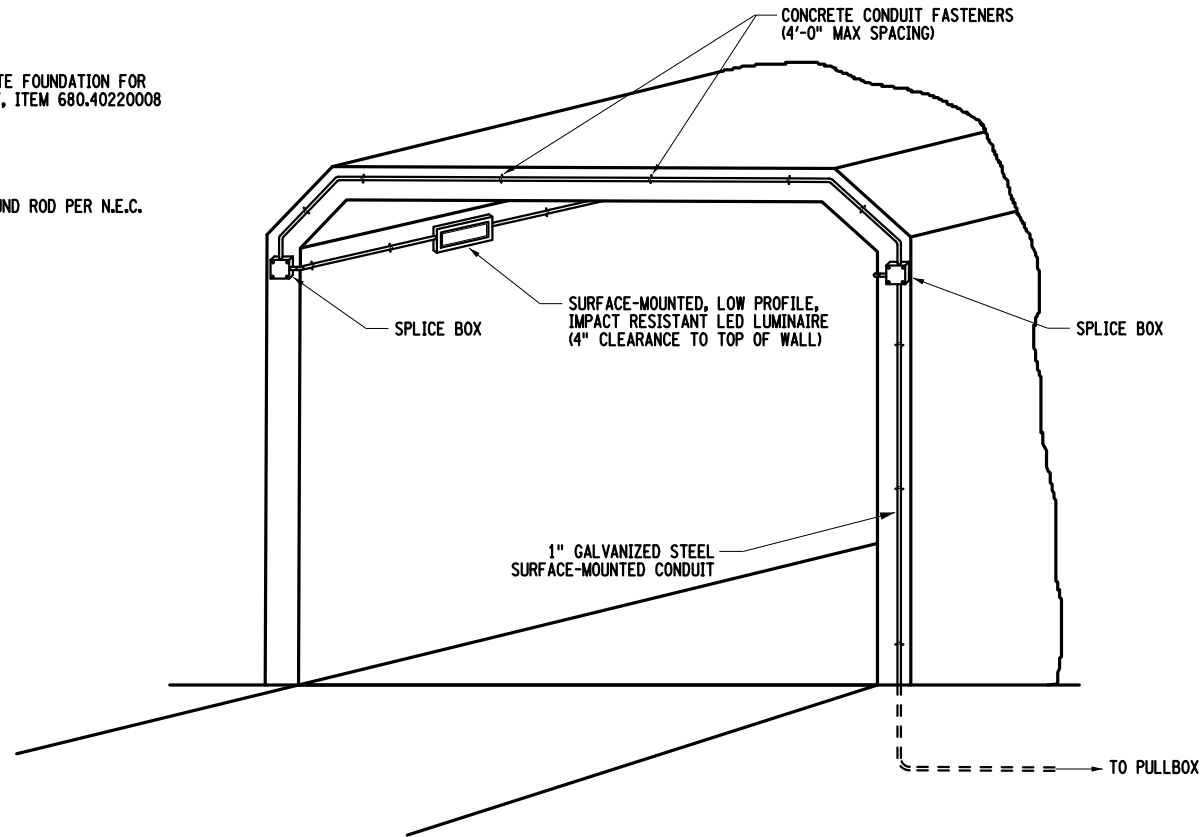
FABRICATOR NOTES:

MECHANICAL CONNECTOR IN HEADWALL DETAIL IS FOR HEADWALLS <2' HIGH. FOR HEADWALLS >2' PROVIDE ADDITIONAL MECHANICAL CONNECTOR AT SPACINGS SIMILAR TO THE LOWER PORTION OF THE CLOSURE POUR.

FILE NAME = ...\\265061_oph_1td-01.dgn
DATE/TIME = 6/23/2025
USER = e.jackson



POWER SERVICE CABINET DETAIL
NOT TO SCALE



SURFACE-MOUNTED CONDUIT INSTALLATION DETAIL
ISOMETRIC VIEW
NOT TO SCALE

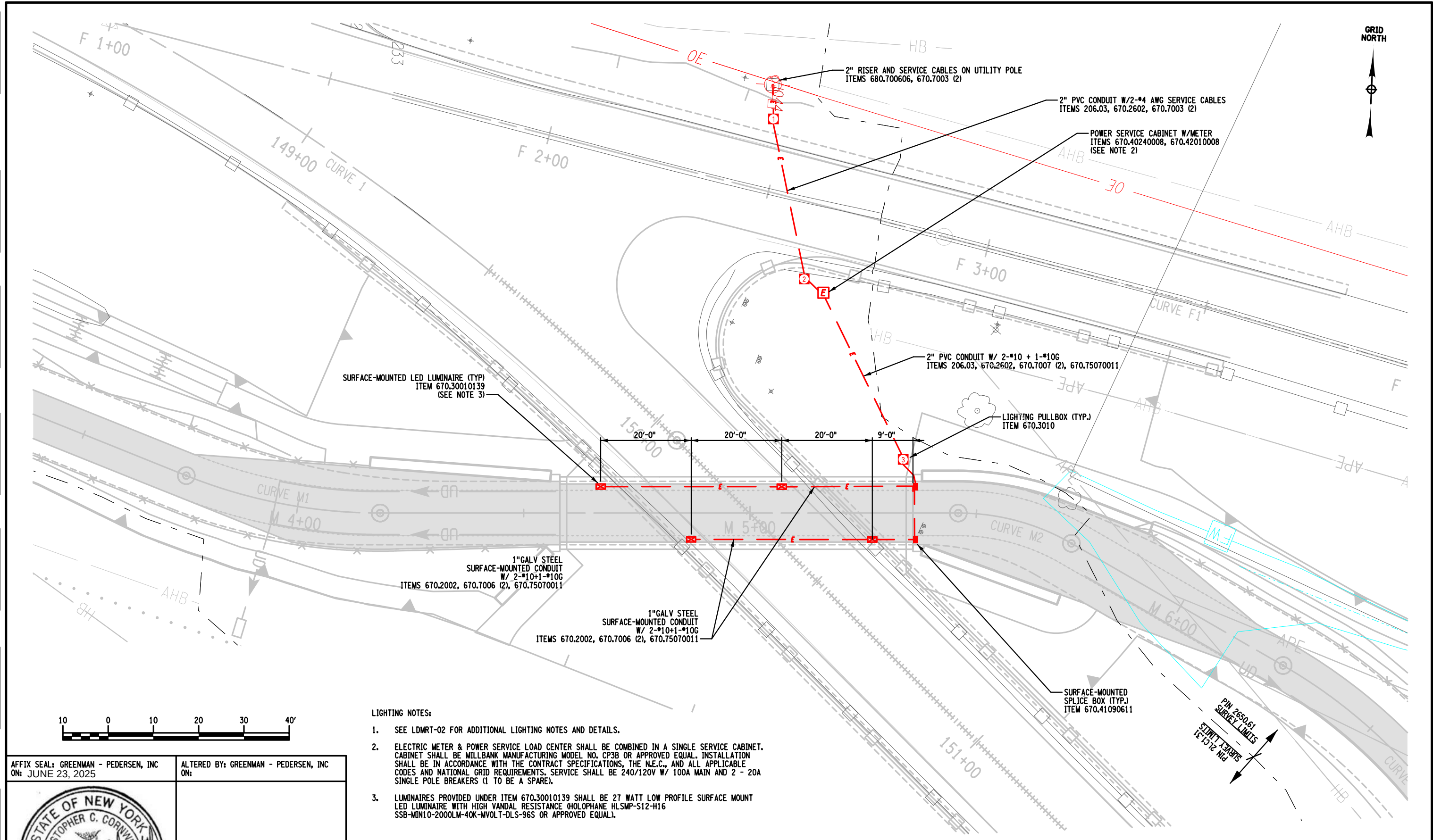
AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: JUNE 23, 2025		ALTERED BY: GREENMAN - PEDERSEN, INC ON:	
			

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	MOHAWK RIVER TRAIL	PIN 2650.61 / 2LC1.31	BRIDGES	CULVERTS C270026 C260199	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265553
	PHASE 3				SITE 15 - MRT (PIN 2650.61) LIGHTING DETAILS	DRAWING NO. LDMRT-01 SHEET NO. 94
	CITY OF ROME					
	COUNTY: ONEIDA REGION: 2					

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.				GPI Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.453.9431 GPINET.COM	 CITY OF ROME
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FILE NAME = ...\\265061_oph_1tp-01.dgn
DATE/TIME = 6/23/2025
USER = ejackson

DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER C. CORNWELL
DESIGN B. LAFOUNTAIN
CHECK M. WIESZCHOWSKI
DRAFTING B. LAFOUNTAIN
CHECK M. HACKER
PROJECT MANAGER C. CORNWELL



LIGHTING NOTES:

- SEE LDMRT-02 FOR ADDITIONAL LIGHTING NOTES AND DETAILS.
- ELECTRIC METER & POWER SERVICE LOAD CENTER SHALL BE COMBINED IN A SINGLE SERVICE CABINET. CABINET SHALL BE MILLBANK MANUFACTURING MODEL NO. CP3B OR APPROVED EQUAL. INSTALLATION SHALL BE IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS, THE N.E.C., AND ALL APPLICABLE CODES AND NATIONAL GRID REQUIREMENTS. SERVICE SHALL BE 240/120V W/ 100A MAIN AND 2 - 20A SINGLE POLE BREAKERS (1 TO BE A SPARE).
- LUMINAIRES PROVIDED UNDER ITEM 670.30010139 SHALL BE 27 WATT LOW PROFILE SURFACE MOUNT LED LUMINAIRE WITH HIGH VANDAL RESISTANCE (HOLOPHANE HLSMP-S12-H16 SSB-MIN10-2000LM-40K-MVOLT-DLS-96S OR APPROVED EQUAL).

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: JUNE 23, 2025

ALTERED BY: GREENMAN - PEDERSEN, INC
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

MOHAWK RIVER TRAIL
PHASE 3
CITY OF ROME
COUNTY: ONEIDA REGION: 2

PIN 2650.61

UTIL/QLV C

BRIDGES

CULVERTS
C270026
C260199

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SITE 15 - MRT (PIN 2650.61)
LIGHTING PLANS

CONTRACT NUMBER
D265553

DRAWING NO. LPMRT-01
SHEET NO. 95

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GPI

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CITY OF ROME

