



BUFFALO DIVISION  
PLANS FOR  
SAFETY IMPROVEMENTS DRAINAGE AND MISCELLANEOUS WORK  
ON I-90 BETWEEN  
MILEPOST 430.6 AND MILEPOST 438.5  
IN  
ERIE COUNTY

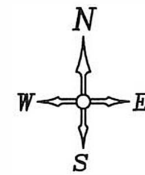
TAB 26-7 D215075  
57 SHEETS

TYPE OF CONSTRUCTION:  
1R SAFETY IMPROVEMENTS, DRAINAGE AND MISCELLANEOUS WORK

STANDARD SHEETS:  
THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY NYS DOT, 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 CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEET(S) UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

THE LATEST REVISIONS OF THE NYSTA STANDARD SHEETS MAINTAINED BY THE AUTHORITY, WHICH ARE CURRENT ON THE DATE OF ADVERTISEMENT FOR BIDS, SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEET(S) LISTED ON DWG. SS-1 UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

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



UDIG NEW YORK  
UNDERGROUND FACILITIES PROTECTION ORGANIZATION  
CALL 811



PREPARED AND RECOMMENDED BY:  
*Richard Charles Bennett* 01/07/2026  
LABELLA ASSOCIATES D.P.C.  
RICHARD C. BENNETT  
LICENSE NUMBER 084070

CONTRACTOR'S NAME: .....  
AWARD DATE: .....  
COMPLETION DATE: .....  
FINAL ACCEPTANCE DATE: .....  
INSPECTION FIRM'S NAME: .....  
RESIDENT ENG./EIC: .....  
FINAL COST TOTAL: .....

FISCAL SHARE	COST(S)

INSPECTION FIRM CONSULTANT STAMP: \_\_\_\_\_

RECOMMENDED BY: \_\_\_\_\_  
01/07/2026  
DIRECTOR, OFFICE OF DESIGN

RECOMMENDED BY: \_\_\_\_\_  
01/08/2026  
ACTING BUFFALO DIVISION DIRECTOR

RECOMMENDED BY: \_\_\_\_\_  
01/08/2026  
TRAFFIC ENGINEER

RECOMMENDED BY: \_\_\_\_\_  
01/08/2026  
DIRECTOR, OFFICE OF CONSTRUCTION MANAGEMENT

RECOMMENDED BY: \_\_\_\_\_  
01/08/2026  
CHIEF MAINTENANCE AND OPERATIONS OFFICER

APPROVED BY: \_\_\_\_\_  
01/08/2026  
CHIEF ENGINEER

REVIEWED BY

PROJECT MANAGER

BUREAU DIRECTOR

S. MARKLE  
CHECKED BY:  
Q. ROTOLI  
DRAFTED BY:  
R. BENNETT  
CHECKED BY:  
Q. ROTOLI  
DESIGNED BY:  
R. BENNETT

ALIGNMENT		TOPOGRAPHY (DRAINAGE) CONTINUED		UTILITIES	
ABBR.	DESCRIPTION	MHW	MEAN HIGH WATER	ABBR.	DESCRIPTION
AH	AHEAD	OHW	ORDINARY HIGH WATER	E	ELECTRIC
AZ	AZIMUTH	OLW	ORDINARY LOW WATER	EMH	ELECTRIC MANHOLE
BK	BACK	RCP	REINFORCED CONCRETE PIPE	G	GAS
£	BASELINE	SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE	GP	GUY POLE
BRG	BEARING	TB	TOP OF BANK (STREAM)	GSB	GAS SERVICE BOX (HOUSE LINE)
i	CENTERLINE	TC	TOP OF CURB	GV	GAS VALVE (MAIN LINE)
CS	CURVE TO SPIRAL		TOP OF GRATE	HYD	HYDRANT
e	SUPERELEVATION RATE (CROSS SLOPE)		VITRIFIED CLAY PIPE	LP	LIGHT POLE
EQ	EQUALITY	<b>TOPOGRAPHY (MISCELLANEOUS)</b>		LPG	LOW PRESSURE GAS
EXT	EXTERNAL	ABBR.	DESCRIPTION	PP	POWER POLE
HCL	HORIZONTAL CONTROL LINE	ABUT	ABUTMENT	SA	SANITARY SEWER
HSD	HEADLIGHT SIGHT DISTANCE	AOBE	AS ORDERED BY ENGINEER	SMH	SANITARY MANHOLE
L	LENGTH OF CIRCULAR CURVE	ASPH	ASPHALT	ST	STORM SEWER
LS	LENGTH OF SPIRAL	BDY	BOUNDARY	T	TELEPHONE
LVC	LENGTH OF VERTICAL CURVE	BLDG	BUILDING	TCB	TRAFFIC CONTROL BOX
E	CENTER CORRECTION OF VERTICAL CURVE	BM	BENCH MARK	TELBOX	TELEPHONE BOX
§	MAIN LINE	CC	CENTER TO CENTER	TEL P	TELEPHONE POLE
PC	POINT OF CURVATURE	CONC	CONCRETE	TMH	TELEPHONE MANHOLE
PI	POINT OF INTERSECTION	CONC	CONCRETE	CTV	CABLE TELEVISION
POL	POINT ON LINE	CONST	CONSTRUCTION	W	WATER
PSD	PASSING SIGHT DISTANCE	CR	COUNTY ROAD	WSB	WATER SERVICE BOX (HOUSE LINE)
PT	POINT OF TANGENT	D	DEED DISTANCE	WV	WATER VALVE (MAIN LINE)
PVC	POINT OF VERTICAL CURVE	DM	DIRECT MEASUREMENT	<b>SUBSURFACE EXPLORATION</b>	
PVI	POINT OF VERTICAL INTERSECTION	DWY	DRIVEWAY	ABBR.	DESCRIPTION
PVT	POINT OF VERTICAL TANGENT	EP	EDGE OF PAVEMENT	REPLACE ABBREVIATION "AB" WITH:	
R	RADIUS	ES	EDGE OF SHOULDER	AH	HAND AUGER
SC	SPIRAL TO CURVE	FEE	FEE ACQUISITION	CP	CONE PENETROMETER
SSD	STOPPING SIGHT DISTANCE	FEE WO/A	FEE ACQUISITION WITHOUT ACCESS	DA	2, INCHES CASED DRILL HOLE
ST	SPIRAL TO TANGENT	FP	FENCE POST	DM	DRILLING MUD
STA	STATION	FD	FOUNDATION	DN	4 INCHES CASED DRILL HOLE
T	TANGENT LENGTH	FL	FENCE LINE	FH	HOLLOW FLIGHT AUGER
TGL	THEORETICAL GRADE LINE	GAR	GARAGE	PA	POWER AUGER
TS	TANGENT TO SPIRAL	GR	GRAVEL	PH	PROBE
VC	VERTICAL CURVE	HO	HOUSE	PT	PERCOLATION TEST HOLE
<b>TOPOGRAPHY (DRAINAGE)</b>		HWY	HIGHWAY	RP	1 INCH SAMPLER (RETRACTABLE PLUG)
ABBR.	DESCRIPTION	IP	IRON PIN OR IRON PIPE	TO BE DEFINED AT THE TIME OF EXPLORATION	
BB	BOTTOM OF BANK (STREAM)	MB	MAILBOX	SP	SEISMIC POINT
BC	BOTTOM OF CURB	MON	MONUMENT	TP	TEST PIT
BO	BOTTOM OF OPENING	N&W	NAIL AND WASHER	ABBREVIATION "C" IN CATEGORIES: DA, DM, DN, AND FH WITH:	
CAP	CORRUGATED ALUMINUM PIPE	OG	ORIGINAL GROUND	B	BRIDGE
CB	CATCH BASIN	O/H	OVERHEAD	C	CUT
CIP	CAST IRON PIPE	P	PARCEL	D	DAM
i STRM	CENTERLINE OF STREAM	PAV'T	PAVEMENT	F	FILL
CMP	CORRUGATED METAL PIPE	PE	PERMANENT EASEMENT	K	CULVERT
CP	CONCRETE PIPE	PED POLE	PEDESTRIAN POLE	W	WALL
CSP	CORRUGATED STEEL PIPE	¢	PROPERTY LINE	X	TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE
CULV	CULVERT	POR	PORCH		
DIA	DIAMETER	RR	RAILROAD		
DMH	DRAINAGE MANHOLE	RTE	ROUTE		
DS	DRAINAGE STRUCTURE PIPE	ROW	RIGHT OF WAY		
D'XING	DITCH CROSSING	RW	RETAINING WALL		
EHW	EXTREME HIGH WATER	SH	STATE HIGHWAY		
EL	ELEVATION	SHLDR	SHOULDER		
ELEV	ELEVATION	SPK	SPIKE		
ELW	EXTREME LOW WATER	ST	STREET		
ES	END SECTION	STK	STAKE		
HW	HEADWALL	STY	STORY		
INV	INVERT	SW	SIDEWALK		
MH	MANHOLE	TE	TEMPORARY EASEMENT		
		TO	TEMPORARY OCCUPANCY		
		U/G	UNDERGROUND		
		WW	WING WALL		

INDEX		TOTAL NUMBER OF SHEETS	57
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER	
1	TITLE SHEET	COVER	
2	INDEX AND ABBREVIATIONS	IND-01	
3-4	LEGENDS, LINE AND POINT SYMBOLOGY	LEG-01 TO LEG-02	
5	NYSTA STANDARD SHEETS LISTING AND WORK TYPE TABLES	SSL-01	
6	PAVEMENT MILEPOST DIAGRAM	PMD-01	
7-17	MISCELLANEOUS DETAILS	MSD-01 TO MSD-11	
18-22	MISCELLANEOUS TABLES	MST-01 TO MST-05	
23-26	DRAINAGE SWALE NOTES, DETAILS AND PLANS	DD-01 TO DD-04	
27	KEY PLAN	KEY-01	
28-57	GENERAL PLAN	GNP-01 TO GNP-30	

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

REVISIONS					TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK LOCATION OF PROJECT BUFFALO DIVISION TITLE OF DRAWING INDEX & ABBREVIATIONS	CONTRACT NUMBER:
DATE	DESCRIPTION	BY	SYM.			TAB 26-7
						DATE: 1/7/2026
				 Powered by partnership.		DRAWING NUMBER: IND-01

S. MARKLE  
CHECKED BY:  
Q. ROTOLI  
DRAFTED BY:  
R. BENNETT  
CHECKED BY:  
Q. ROTOLI  
DESIGNED BY:  
R. BENNETT

ALIGNMENT			DRAINAGE			ITS			ROW MAPPING			SIGNS			UTILITIES				
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION		
⊗	ACC	CENTER OF CURVATURE	+	DINV	INVERT	⊕	IANT P	ANTENNAS	⊕	MDL1P	DEED LINE, TYPE 1	⊕	S	SINGLE POST	⊕	UEB	ELECTRIC, BOX		
+	ACOG0	COGO	⊕	DS	STRUCTURE, RECTANGULAR	⊕	IASCTS	ACCOU. SPEED/COUNT SNSR.S	⊕	MDL2P	DEED LINE, TYPE 2	⊕	S P	SINGLE POST, PROPOSED	⊕	UEM	ELECTRIC, METER		
⊙	ACS	CURVE TO SPIRAL	+	DSI	STRUCTURE, INVERT	⊕	ICABPAD	CABINET & PAD	⊕	MDL3P	DEED LINE, TYPE 3	⊕	SB P	BACK TO BACK, PROPOSED	⊕	UEMH	ELECTRIC, MANHOLE		
△	ADPL.P	DETOUR, POINT OF INTERSECT.	⊕	DSM	STRUCTURE, MANHOLE	⊕	ICCTV	CCTV SITE	⊕	MDL4P	DEED LINE, TYPE 4	⊕	S S	SIGN SLEEVE, PROPOSED	⊕	UEPT	ELECTRIC, POLE, TRANS.		
⊙	ADPL.P	DETOUR, POINT ON LINE	⊕	DSMTXX.P	STRUCTURE, MANHOLE, TYPE 'XX' 'XX' = 48, 60, 72, 96	⊕	ICDPD	CDPD TRANSCEIVER	⊕	MDL5P	DEED LINE, TYPE 5	⊕	SDEL	DELINEATORS	⊕	UGM	GAS, METER		
⊙	AEQN	EQUATION	⊕	DSR	STRUCTURE, ROUND	⊕	ICELLT	CELL PHONE TOWER	⊕	MEEP	EASEMENT, EXISTING	⊕	SPM	PARKING METER	⊕	UGMH	GAS, MANHOLE		
⊕	AEQNAHD	EQUATION AHEAD	⊕	DST*X'CB P	STRUCTURE, RECT., WITH CURB TYPE 'X' 'X' = F, G, N, O, P, R	⊕	ICJTB	CONDUIT JACK OR BORING	⊕	MEPAP.P	EASEMENT, PERM., APPROX.	⊕	SRM	REFERENCE MARKERS	⊕	UGLM	GAS, LINE MARKER		
⊕	AEQNBK	EQUATION BACK	⊕	DST*X'P	STRUCTURE, RECT., TYPE 'X' 'X' = I, K, L, M, O, P, U	⊕	ICNTLCAB	CONTROLLER CABINET	⊕	MEPP.P	EASEMENT, PERM., BACK LINE	⊕	SRSC3	SHLD, CTY, 123 DIG.	⊕	UGP	GAS/FUEL PUMP		
⊕	AEVT	EVENT STATION	ENVIRONMENTAL			⊕	ICPB	COMMUNICATION PULL BOX	⊕	MEPSP.P	EASEMENT, PERM., SHAPE	⊕	SRSC4	SHLD, CTY, 4 DIG.	⊕	UGV	GAS, VALVE		
⊕	APC	POINT OF CURVATURE	CULV	EIOP.P	STR., INLET, OUTLET PROT.	⊕	ICTD	CONDUIT TURNING DOWN	⊕	MFAP.P	FEE ACQUISITION, APPROX.	⊕	SRSC2	SHLD, CTY TOUR, 1-2 DIG.	⊕	UGVT	GAS, VENT		
⊕	APCC	POINT OF COMPOUND CURVATURE	⊕	EIPGB.P	STR., INLET PROT., GRAVEL BAG	⊕	ICTU	CONDUIT TURNING UP	⊕	MFP.P	FEE ACQUISITION, BACK LINE	⊕	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊕	ULP	LIGHTING, POLE		
△	API	POINT OF INTERSECTION	⊕	EIPHS.P	STR., INLET PROT., HAY/STRAW	⊕	ICVTRT	COMM. VEH. ROAD TRANSCEIVER	⊕	MFSP.P	FEE ACQUISITION, SHAPE	⊕	SRSI	SHLD, INTERSTATE	⊕	ULPM	LIGHTING, POLE, MEDIAN		
△	APOB	POINT OF BEGINNING	⊕	EIPPS.P	STR., INLET PROT., PREFAB.	⊕	IDEFAULT	DEFAULT	⊕	MHBAP	HIGHWAY BNDRY., APPROX.	⊕	SRSN2	SHLD, NATIONAL, 2 DIG.	⊕	ULPP	LIGHTING, POLE, PED.		
⊙	APOC	POINT OF CURVATURE	⊕	EIPSF.P	STR., INLET PROT., SILT FENCE	⊕	IEZR	E-ZPASS READER	⊕	MHBCP	HISTORICAL, BLDG. CORNERS	⊕	SRSN3	SHLD, NATIONAL, 3 DIG.	⊕	UMFC	MISC. FILLER CAP		
△	APOE	POINT OF END	⊕	EIPSP.P	STR., INLET PROT., SILT FENCE	⊕	IEZTR	TRANSMITTAL READER	⊕	MHBP	HIGHWAY BNDRY, PT.	⊕	SRSS2	SHLD, STATE, 2 DIG.	⊕	UOLM	OIL, LINE MARKER		
⊙	APOL	POINT ON LINE	⊕	ERCB	RISER, CONCRETE BOX	⊕	IFOXCAB	FIBER OPTIC X-CONNECT CABINET	⊕	MJCP	PT., JURIS. CITY	⊕	SRSS3	SHLD, STATE, 3 DIG.	⊕	UP	POLE, WITH UTILITY		
⊙	APOS	POINT ON SPIRAL	⊕	ETRS.P	TRAP, SEDIMENT	⊕	IFUSSPL	FUSION SPLICE	⊕	MPBC	PT., BUILDING CORNER	⊕	SRSS4	SHLD, STATE, 4 DIG.	⊕	UPD	POLE, DEAD (NO UTILITY)		
⊙	APOT	POINT ON TANGENT	⊕	EWFG	WETLAND FLAG	⊕	IHARADV	HAR ADVISORY SIGN	⊕	MPCC	PT., CROSS CUT	TRAFFIC CONTROL			⊕	UPL	POLE, WITH LIGHT		
△	APOVC	POINT ON VERTICAL CURVE	⊕	GDH	DRILL HOLE	⊕	IHARST	HAR SITE	⊕	MPDH	PT., DRILL HOLE	⊕	TCBJ	BOX, JUNCTION	⊕	USMH	SANITARY SEWER MANHOLE		
△	APOVT	POINT ON VERTICAL TANGENT	⊕	LANDSCAPE		⊕	ILC	LOAD CENTER	⊕	MPF	PT., FENCE LOCATION	⊕	TCBP	BOX, PULL BOX	⊕	UTB	TELEPHONE, BOOTH		
Y	APORC	POINT ON REVERSE CURVE	⊕	LELS	ELEVATION, SPOT	⊕	IMECSPL	MECHANICAL SPLICE	⊕	MPIP	PT., IRON PIPE	⊕	TCBS	BOX, SPLICE	⊕	UTLM	TELEPHONE, LINE MARKER		
⊕	APT	POINT OF TANGENCY	⊕	LFP	FLAG POLE	⊕	IMSCS	PORT. SPEED & COUNT SENSOR	⊕	MPIR	PT., IRON ROD	⊕	TCMC	MICROCOMPUTER CABINET	⊕	UTMH	TELEPHONE, MANHOLE		
⊕	APVC	POINT OF VERTICAL CURVATURE	⊕	LMB	MAILBOX	⊕	IMSCS	MICRO SPEED & COUNT SENSOR	⊕	MPM	PT., MONUMENT	⊕	TCPP	PED POLE	⊕	UTVLM	CABLE TV, LINE MARKER		
△	APVCC	POINT OF VERT. CMPND CURVE	⊕	LPB	PAPER BOX	⊕	IMT	MICROWAVE TRANSCEIVER	⊕	MPMM	PT., MONUMENT, MISC.	⊕	TCSH	SIGNAL HEADS	⊕	UTVPB	CABLE TV, PULL BOX		
⊕	APVI	POINT OF VERT. INTERSECTION	⊕	LPST	POST, SINGLE	⊕	IOVHMS	PERM. OVERHEAD VMS	⊕	MPN	PT., NAIL	TRAFFIC WORK ZONE			⊕	UUB	UNKNOWN, BOX		
△	APVRC	POINT OF VERT. REVERSE CURVE	⊕	LRB	ROCK, BOULDER	⊕	IPASCS	PORT. ACCOU. SPD & CNT. SENSOR	⊕	MPRS	PT., RAILROAD SPIKE	⊕	TWZAP.P	ARROW PANEL	⊕	UUB	UNKNOWN, BOX		
⊕	APVT	POINT OF VERTICAL TANGENCY	⊕	LSHC	SHRUB, CONIFEROUS	⊕	IPEDS	PEDESTRIAN SIGNAL HEAD	⊕	MPST	PT., SPIKE	⊕	TWZAPC.P	ARROW PANEL, CAUTION MODE	⊕	UUMH	UNKNOWN, MANHOLE		
⊕	ASC	SPIRAL TO CURVE	⊕	LSHD	SHRUB, DECIDUOUS	⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	MPTW	PT., STAKE	⊕	TWZAPT.P	ARROW PANEL, TRAILER OR SUPPORT	⊕	UUPB	UNKNOWN, PULL BOX		
⊕	ASPI	SPIRAL POINT OF INTERSECTION	⊕	LTD	TREE, DECIDUOUS	⊕	IPVMS	PERM. VMS	⊕	MPWL	PT., WALL LOCATION	⊕	TWZBDC.P	BARRICADE (TYPE III)	⊕	UUVL	UNKNOWN, VALVE		
⊙	ASTS	SPIRAL TO SPIRAL	⊕	LTS	TREE, STUMP	⊕	IRM	RAMP METER	⊕	ROW ACQUISITION			⊕	UUVT	UNKNOWN, VENT				
⊕	AST	SPIRAL TO TANGENT	⊕	LTW P	TREE, WELL OR WALL	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	⊕	⊕	MFS.P.T	FEE ACQUISITION	⊕	TWZCMS.P	CHANGEABLE MESSAGE SIGN (PVMS)	⊕	UUV	UNKNOWN, WELL	
⊕	ATS	TANGENT TO SPIRAL	⊕	LUKP	UNKNOWN POINT	⊕	ISP	SOLAR PANEL	⊕	⊕	MEPS.P.T	EASEMENT, PERMANENT	⊕	TWZFLG.P	FLAGGER	⊕	UWFH	WATER, FIRE HYDRANT	
△	AVEVT	VERTICAL EVENT POINT	BRIDGE			⊕	ISST	SPREAD SPECT. TRANSCEIVER	⊕	⊕	METS.P.T	EASEMENT, TEMPORARY	⊕	TWZFT.P	FLAG TREE	⊕	UWM	WATER, METER	
⊙	AVHIGH	VERTICAL HIGH POINT	⊕	BSC	BRIDGE, SCUPPER	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	⊕	METS.P.T	OCCUPANCY, TEMPORARY	⊕	TWZIA.P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)	⊕	UWMH	WATER, MANHOLE	
⊙	AVLOW	VERTICAL LOW POINT	ROADWAY			⊕	ITP	SUBSURFACE TEMP. PROBE	⊕	⊕	MFS.P.T	FEE ACQUISITION W/O ACCESS	⊕	TWZLUM.P	LUMINAIRE (TEMPORARY)	⊕	UWV	WATER, VALVE	
			⊕	RES P	ELEVATION, SPOT	⊕	IVTRT	VEHICLE TO RDWY TRANSCEIVER	⊕	⊕				⊕	TWZSDT.P	SYMBOL, DIRECTION OF TRAFFIC	⊕	UWW	WATER, WELL
			⊕	RGA	GUIDE RAIL, ANCHOR	⊕	IWMD	WEIGHT IN MOTION DETECTOR	⊕	⊕				⊕	TWZSDT.P	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR	⊕	UNCN	WATER, CURB STOP
			⊕	RGP	GUIDE POST, SINGLE	⊕	IWVR	WIRELESS VIDEO REPEATER	⊕	⊕				⊕	TWZSGN.P	SIGN (TEMPORARY)	⊕	UWA	WATER, ANODE
						⊕	IWVRC	WIRELESS VIDEO RECEIVER	⊕	⊕				⊕	TWZSIG.P	SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY)	1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).		
						⊕	IWVTT	WIRELESS VIDEO TRANSMITTER	⊕	⊕				⊕	TWZW.P	WORK VEHICLE	2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY, SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).		
									⊕	⊕				⊕	TWZWV.P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR	3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.		
									⊕	⊕				⊕	TWZWVA.P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR	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.		

ALTERED ON: \_\_\_\_\_ AFFIXED ON: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ STAMP: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ STAMP: \_\_\_\_\_

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.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.

**NEW YORK STATE** Thruway Authority

**LaBella** Powered by partnership.

TITLE OF PROJECT: SAFETY, DRAINAGE AND MISC. WORK  
 LOCATION OF PROJECT: BUFFALO DIVISION  
 TITLE OF DRAWING: LEGEND POINT SYMBOLOGY

CONTRACT NUMBER: TAB 26-7  
 DATE: 1/7/2026  
 DRAWING NUMBER: LEG-01

S. MARKLE  
CHECKED BY:  
Q. ROTOLI  
DRAFTED BY:  
R. BENNETT  
CHECKED BY:  
Q. ROTOLI  
DESIGNED BY:  
R. BENNETT  
DESIGN SUPERVISOR:

ALIGNMENT			LANDSCAPE			ROADWAY			UTILITIES		
STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION
	AC	CONTROL (CENTERLINE)		LABL	AREA, BRUSH LINE		RCZ.P	CLEAR ZONE		UC	CONDUIT, UNDERGROUND
	AD.P	DETOUR		LAHR	AREA, HEDGE ROW		RG	GUIDE RAIL, MISCELLANEOUS		UCH	CONDUIT, HANGING
	AT.P	TRANSITION CONTROL		LAPB	AREA, PLANTING BED		RGB	GUIDE RAIL, BOX BEAM		UCO	CONDUIT, OVERHEAD
<b>BRIDGE</b>				LAWA	AREA, WOODED AREA OUTLINE		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN		UE	ELECTRIC LINE, UNDERGROUND
	BR	RAIL		LAWE	AREA, WATERS EDGE		RGC	GUIDE RAIL, CABLE		UEH	ELECTRIC LINE, HANGING
	BSHT	SHEET PILING		LCUT.P	CUT LIMIT		RGCB	GUIDE RAIL, CONCRETE BARRIER		UED	ELECTRIC LINE, OVERHEAD
<b>CONTROL</b>				LFILL.P	FILL LIMIT		RGP.P	GUIDE POST		UETO	ELECTRIC TRANSMISSION, OVERHEAD
	CB	BASELINE		LFNC	FENCE		RGW	GUIDE RAIL, W BEAM		UESS	ELECTRIC, SUBSTATIONS
	CBPR	BASELINE, PROJECTION		LTRC	TREE ROW, CONIFEROUS		RGWM	GUIDE RAIL, W BEAM, MEDIAN		UFO	FIBER OPTIC, UNDERGROUND
<b>DRAINAGE</b>				LTRD	TREE ROW, DECIDUOUS		RPB	PARKING BUMPER		UFOH	FIBER OPTIC, HANGING
	DCP	CULVERT PIPE		LWH	WALL, H PILE		RRC	RAIL ROAD, CATENARY		UFOO	FIBER OPTIC, OVERHEAD
	DCP.P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRER	RAIL ROAD, 3RD RAIL		UG	GAS, UNDERGROUND
	DDG.P	DITCH, GRASS LINED		LWS	WALL, STONE		RRPLS.P	RAIL, PHOTO, LARGE SCALE		UGH	GAS, HANGING
	DDP.P	DITCH, PAVED INVERT	<b>ROW MAPPING</b>				RRPSS	RAIL, PHOTO, SMALL SCALE		UGO	GAS, OVERHEAD
	DDS.P	DITCH, STONE LINED		MDL	DEED LINE		RRS	RUMBLE STRIP		UIC	INFORM CABLE, UNDERGROUND
	DFL.P	FLOW LINE		MEE	EASEMENT, EXISTING		RRSL.S.P	RAIL, SURVEY, LARGE SCALE		UICH	INFORM CABLE, HANGING
	DSSD	SLOTTED DRAIN		MEP.P	EASEMENT, PERMANENT		RRSS	RAIL, SURVEY, SMALL SCALE		UO	OIL LINE, UNDERGROUND
<b>ENVIRONMENTAL</b>				MEPA.P	EASEMENT, PERMANENT, APPROX.	<b>SIGNS</b>				UOH	OIL LINE, HANGING
	EBLHS	BALE, STRAW		MET.P	EASEMENT, TEMPORARY		SBLB	BILLBOARDS		UPBP	POLE, BRACE, PUSH BRACE
	EB.P	ROLLED EROSION CONTROL PRODUCT		META.P	EASEMENT, TEMPORARY, APPROX.		SM	MULTIPLE POST		UPGW	POLE, GUY WIRE
	ECT	CURTAIN, TURBIDITY		MFA.P	FEE ACQUISITION, APPROXIMATE		SSO	STRUCTURE, OVERHEAD		USA	SANITARY SEWER, UNDERGROUND
	EDMC	DAM, COFFER TYPE		MFS.P	FEE ACQUISITION, SHAPE		SSOC	STRUCTURE, OVHD, CANTILEVER		USAH	SANITARY SEWER, HANGING
	EDMEC.P	DAM, EARTHEN, CHECK		MFWOA.P	FEE ACQUISITION, W/O ACCESS	<b>STRIPING</b>				USAF	SANITARY SEWER, FORCE MAIN, UGND
	EDMPC.P	DAM, PREFAB, CHECK		MHA	HISTORICAL, ACQUISITION		STB*	BROKEN LINE		USAFH	SANITARY SEWER, FORCE MAIN, HANG
	EDMSC.P	DAM, STONE, CHECK		MHB	HIGHWAY BOUNDARY		STDB*	DOUBLE BROKEN LINE		UT	TELEPHONE, UNDERGROUND
	EFNS	FENCE, SILT		MHBA	HIGHWAY BOUNDARY, APPROX.		STD.L*	DOTTED LINE LONG		UTH	TELEPHONE, HANGING
	EFNSV	FENCE, SILT & VEGETATION		MHBW	HWY BOUNDARY, FACE OF WALL		STD.S*	DOTTED LINE SHORT		UTO	TELEPHONE, OVERHEAD
	EFNV	FENCE, VEGETATION		MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STFB*	FULL BARRIER LINE		UTV	CABLE TV, UNDERGROUND
	EWAA.P	WETLAND, ADJACENT AREA		MJC	JURISDICTION, CITY		STH*	HATCH LINE		UTVH	CABLE TV, HANGING
	EWF	WETLAND, FEDERAL		MJCY	JURISDICTION, COUNTY		STPB*	PARTIAL BARRIER LINE		UTVO	CABLE TV, OVERHEAD
	EWF.S	WETLAND, FEDERAL AND STATE		MJHD	JURISDICTION, HISTORIC DISTRICT		STRCT	ROUNDAABOUT, CAT TRACKS		UUU	UNKNOWN, UNDERGROUND
	EWM	WETLAND, MITIGATION AREA		MJLL	JURIS., (GREAT, MILITARY) LOT LINE		STRYL	ROUNDAABOUT, YIELD LINE		UUH	UNKNOWN, HANGING
	EWS	WETLAND, STATE		MJN	JURISDICTION, NATION		STSB	STOP BAR		UUD	UNKNOWN, OVERHEAD
				MJPB	JURISDICTION, PUBLIC LANDS		STSE*	SOLID, EDGE		UW	WATER LINE, UNDERGROUND
				MJS	JURISDICTION, STATE		STXL*	X WALK, LADDER LINE		UWH	WATER LINE, HANGING
				MJT	JURISDICTION, TOWN					UWO	WATER LINE, OVERHEAD
				MJV	JURISDICTION, VILLAGE						
				MPL	PROPERTY LOT LINE	<b>TRAFFIC CONTROL</b>					
				MPLA	PROPERTY LOT LINE, APPROXIMATE		TCSW	SIGNAL, SPAN WIRE			
				MSL	SUB LOT LINE	<b>TRAFFIC WORK ZONE</b>					
							TWZBT.P	BARRIER, TEMPORARY			
							TWZBTWL.P	BARRIER, TEMPORARY, W/ WARNING LIGHTS			
							TWZCD.P	CHANNELIZING DEVICE			
							TWZPMRC.P	PAVEMENT MARKING REMOVAL OR COVERING			

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 v 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 UNIQUESYMBOLGY (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.

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING LEGEND LINE SYMBOLOGY	DRAWING NUMBER: LEG-02

New York State Thruway Authority Standard Sheets

The following NYS Thruway Authority standard sheets, marked with an "X" in first column, apply to this project.

X	SHEET NO.	SUBJECT
X	TA 201-01	Clearing and Grubbing (Dwg. CG)
X	TA 203-01	Shoulder Backup 1R Projects (Dwg. SB)
X	TA 203-02	Slope Flattening Details
X	TA 404-01	Highway Pavement Repair Details (Dwg. PRD)
	TA 404-02	Bridge Deck Wearing Course Resurfacing (Dwg. BDR)
	TA 404-03	Overhead Bridge Underclearance Improvement (Dwg. BU)
X	TA 603-01	Culvert Extension Details
X	TA 605-01	Underdrain Details
	TA 606-01	Modified Thrie Beam (Mod.) Guiderail (Dwg. GR-1)
	TA 606-02	Vacant
	TA 606-03	Corrugated Median Barrier to Corrugated Beam Guide Railing Transition Detail D (Dwg. GR-4)
	TA 606-04	Box Beam to 42" Single Slope Half Section Concrete Barrier Pier Protection (Dwg. GR-5)
	TA 606-05	HPBO (Mod.) Corrugated Beam to 42" Single Slope Half Section Concrete Barrier Pier Protection (Dwg. GR-6)
X	TA 606-06	Typical U-Turn Median Rail Layout and Roadway Transverse Section
	TA 606-07	Modified Thrie Beam Guiderail with Rock Rail
	TA 606-08	Transition HPBO Corrugated Beam Median Guide Railing to HPBO Corrugated Beam Guide Railing
	TA 611-01	Living Snow Fences
X	TA 614-01	Tree Removal
X	TA 619-01	Work Zone Traffic Control Tables & Legend
X	TA 619-02	General Work Zone Traffic Control Notes & Channelizing Devices
X	TA 619-03	Shoulder Closure Short-Term or Intermediate-Term Stationary
X	TA 619-04	Shoulder Closure Short-Duration Stationary and Mobile
	TA 619-05	Signing & Delineation for Shoulder Work Spaces with Temporary Concrete Barrier
X	TA 619-06	Work Beyond Shoulder
X	TA 619-07	Be Prepared to Stop and Uneven Lanes Signing
X	TA 619-08	Single Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone
	TA 619-09	Double Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone
	TA 619-10	Center Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone
	TA 619-11	Lane Shift: 65 MPH Zone
X	TA 619-12	Single Lane Closure Short- or Intermediate-Term Stationary: 55 MPH Zone
	TA 619-13	Double Lane Closure Short- or Intermediate-Term Stationary: 55 MPH Zone
	TA 619-14	Center Lane Closure Short- or Intermediate-Term Stationary: 55 MPH Zone
	TA 619-15	Lane Shift: 55 MPH Zone
X	TA 619-16	Work Zone Traffic Control at Interchanges, Service Areas and Parking Areas
X	TA 619-17	Work Zone Traffic Control for Miscellaneous Operations
X	TA 619-18	Mobile Lane Closure
	TA 619-19	Mobile Lane Closure: Narrow Shoulder Area
X	TA 619-20	Short-Duration Lane Closure
	TA 619-21	Short-Duration Double Lane Closure
	TA 619-22	Work Zone Traffic Control Guide for Pavement Striping Operations
	TA 619-23	Mobile Lane Closure for Pavement Striping Operations
	TA 619-24	Mobile Lane Closure for Pavement Striping Operations: Narrow Shoulder Area
	TA 619-25	Work Zone Traffic Control for Pavement Striping Operations at Interchanges, Service Areas and Parking Areas
	TA 619-26	Temporary Rock Catchment Barrier (Sheets 1-3)
X	TA 619-27	Workzone Overhead Gantry Signing
	TA 619-30	New York Division Traffic Management Tables (Sheets 1-28)
	TA 619-31	Albany Division 1,150 Veh/Hr/Lane Traffic Management Tables (Sheets 1-18)
	TA 619-32	Albany Division 1,300 Veh/Hr/Lane Traffic Management Tables (Sheets 1-18)
	TA 619-33	Syracuse Division 1,150 Veh/Hr/Lane Traffic Management Tables (Sheets 1-18)
	TA 619-34	Syracuse Division 1,300 Veh/Hr/Lane Traffic Management Tables (Sheets 1-18)
X	TA 619-35	Buffalo Division 1,150 Veh/Hr/Lane Traffic Management Tables (Sheets 1-37)
X	TA 619-36	Buffalo Division 1,300 Veh/Hr/Lane Traffic Management Tables (Sheets 1-37)
	TA 625-01	ROW and Survey Markers
	TA 645-01	Wrong Way Deterrence Sign
X	TA 646-01	Reference Marker Details (Sheets 1-2)
X	TA 670-01	Fiber Optic & Backbone Handhole Relocation Details
	TA 680-01	Inductance Loop Installation
	TA 680-02	Highway Advisory Radio (Sheets 1-9)
	TA 685-01	Pavement Marking Details: Asphalt and Concrete Pavement (Sheets 1-2)
	TA 685-02	Pavement Marking Details: Tapered Acceleration and Deceleration Lanes
	TA 685-03	Vacant
	TA 685-04	Temporary Pavement Marking Details
	TA 690-01	Loop and Treadle Plan (Sheets 1-2)
	TA 690-02	Toll Lane Slab Reinforcement Plan
	TA 690-03	10 ft Treadle Frame (Sheets 1-4)

The officially adopted New York State Thruway Authority Standard Sheets book is available on the Thruway Authority's website at: <http://www.thruway.ny.gov/business/contractors/standard-sheets/index.shtml>

CHECKED BY: T. MASI

DRAFTED BY: D. HOLLNER

CHECKED BY: TA

DESIGNED BY: TA

DESIGN SUPERVISOR: TA

Highway Work Type

The marked types & treatments apply to the indicated milepost range(s) below.

MILEPOST FROM:	430.6						
TO:	438.5						
PROJECT TYPE	X	X	X	X	X	X	X
1R Resurfacing							
2R Resurfacing							
3R Rehabilitation							
Reconstruction							
Safety Improvements	X						
Drainage	X						
Rock Slope Remediation							
Pavement Striping							
Other:							
PAVEMENT TREATMENT	X	X	X	X	X	X	X
Isolated Pavement Repairs Only							
Thin Overlay without Milling							
Thin Overlay with Milling							
1" Mill & Inlay without Shoulders							
1" Mill & Inlay with Shoulders							
2" Mill & Inlay without Shoulders							
2" Mill & Inlay with Shoulders							
Mill to Concrete with 4" Overlay							
Mill to Concrete with 4.5" Overlay							
Mill to Concrete with 5" Overlay							
Crack and Seat with Overlay							
Rubbilize with Overlay							
Other:							

Structure Work Type

The marked types apply to the indicated milepost(s) below.

MILEPOST:							
PROJECT TYPE	X	X	X	X	X	X	X
Bridge Washing							
Scour Protection							
Channel Cleaning							
Railing System							
Protective Screening							
Painting							
Steel Repair							
Wearing Surface Treatment							
Deck Repairs							
Joint Rehabilitation							
Joint Replacement							
Bearing Rehabilitation							
Bearing Replacement							
Hanger Pin Replacement							
Security							
Seismic Retrofit							
Substructure Rehabilitation							
Electrical							
Cathodic Protection System							
Fender or Pier Protection System							
Deck Replacement							
Superstructure Replacement							
Bridge Replacement							
Added Bridge (New Location)							
Abandoned Bridge							
Other:							

New York State Department of Transportation Standard Sheets

The latest revisions of the New York State Department of Transportation Standard Sheets maintained by NYSDOT, 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 contained in the Contract and any additional pay items and work encountered during the course of the Contract shall be subject to the applicable standard sheet(s) unless otherwise specified in the Contract documents.

The officially adopted New York State Department of Transportation Standard Sheets book is available on the NYSDOT website at: <https://www.dot.ny.gov/main/business-center/engineering/specifications/busi-e-standards-usc>

REVISIONS			
DATE	DESCRIPTION	BY	SYM.

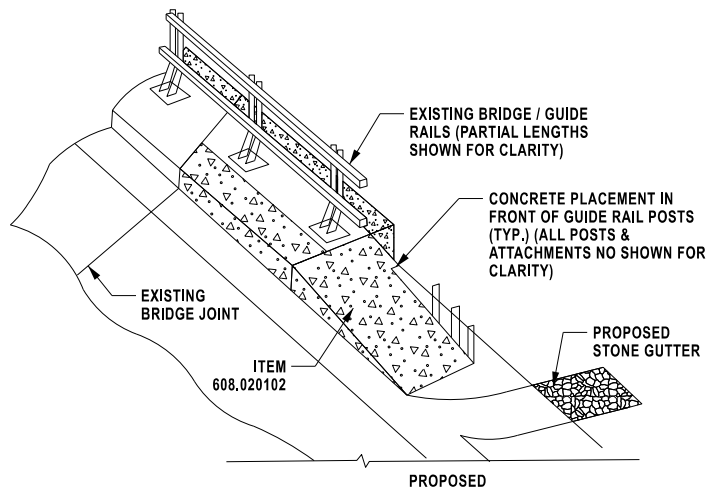
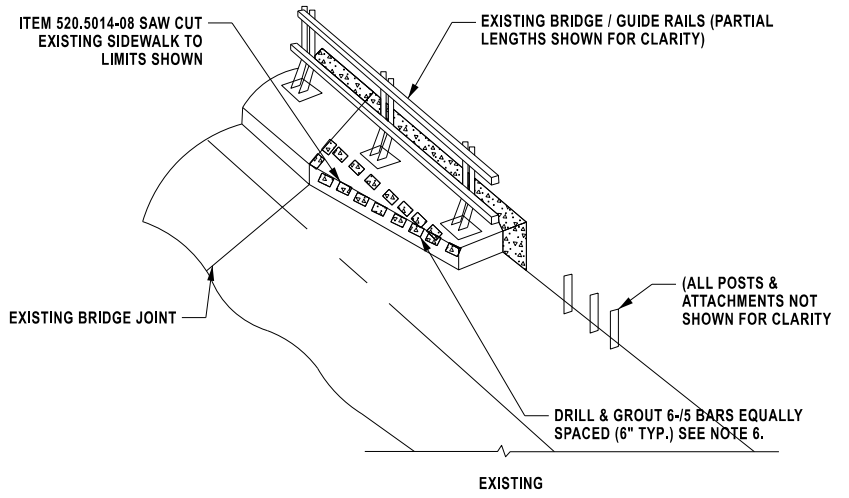


TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/6/2026
TITLE OF DRAWING NYSTA STANDARD SHEETS LISTING AND WORK TYPE TABLES	DRAWING NUMBER: SS-1

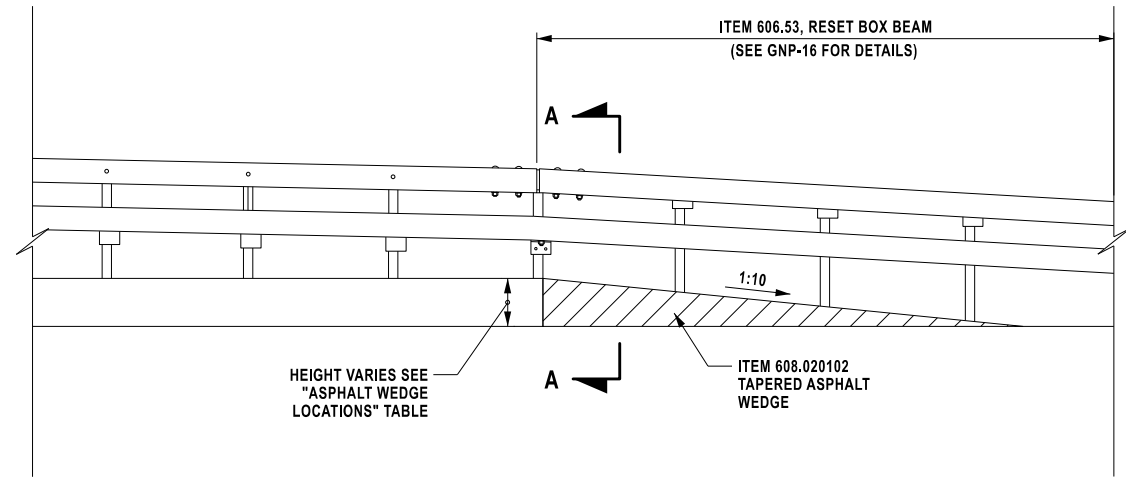




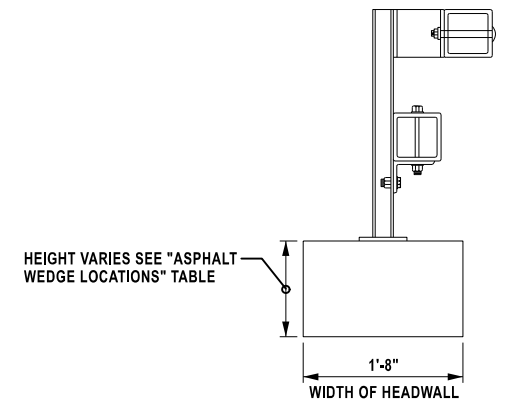
S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**ISOMETRIC VIEW OF SIDEWALK**  
N. T. S.



**TYPICAL ASPHALT WEDGE**  
N. T. S.  
MP 434.490-434.485 EB  
MP 434.475-434.500 WB



**ASPHALT WEDGE - SECTION A-A**  
N. T. S.

ASPHALT WEDGE LOCATIONS			
MP	DIRECTION OF TRAVEL	SIDE	HEIGHT OF CONCRETE HEADWALL (IN.)
434.490 - 434.485	EASTBOUND	RIGHT	9
		LEFT	15
434.475 - 434.500	WESTBOUND	RIGHT	13
		LEFT	16

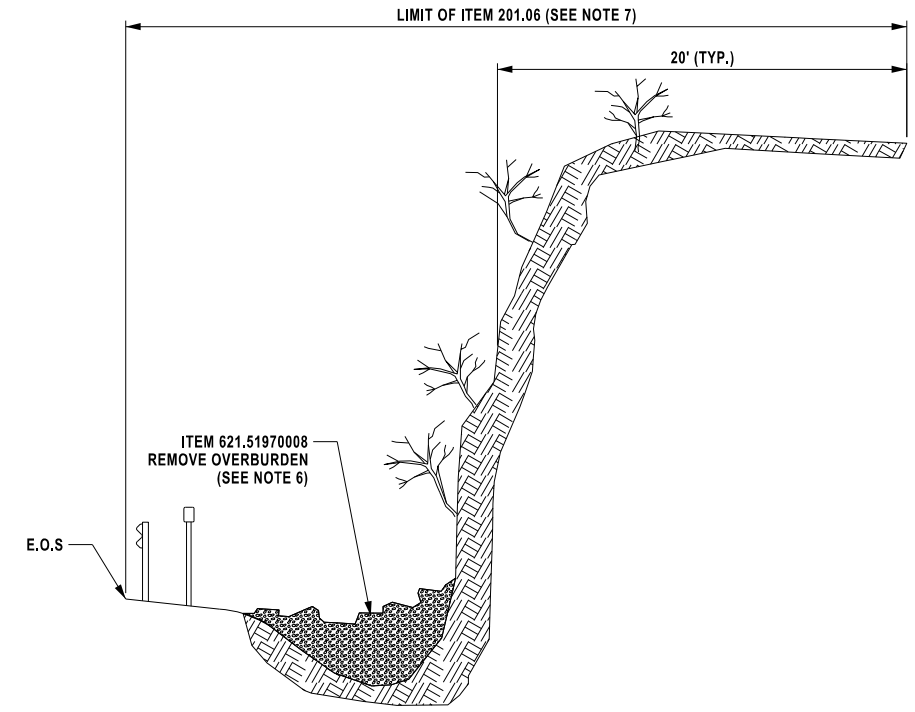
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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

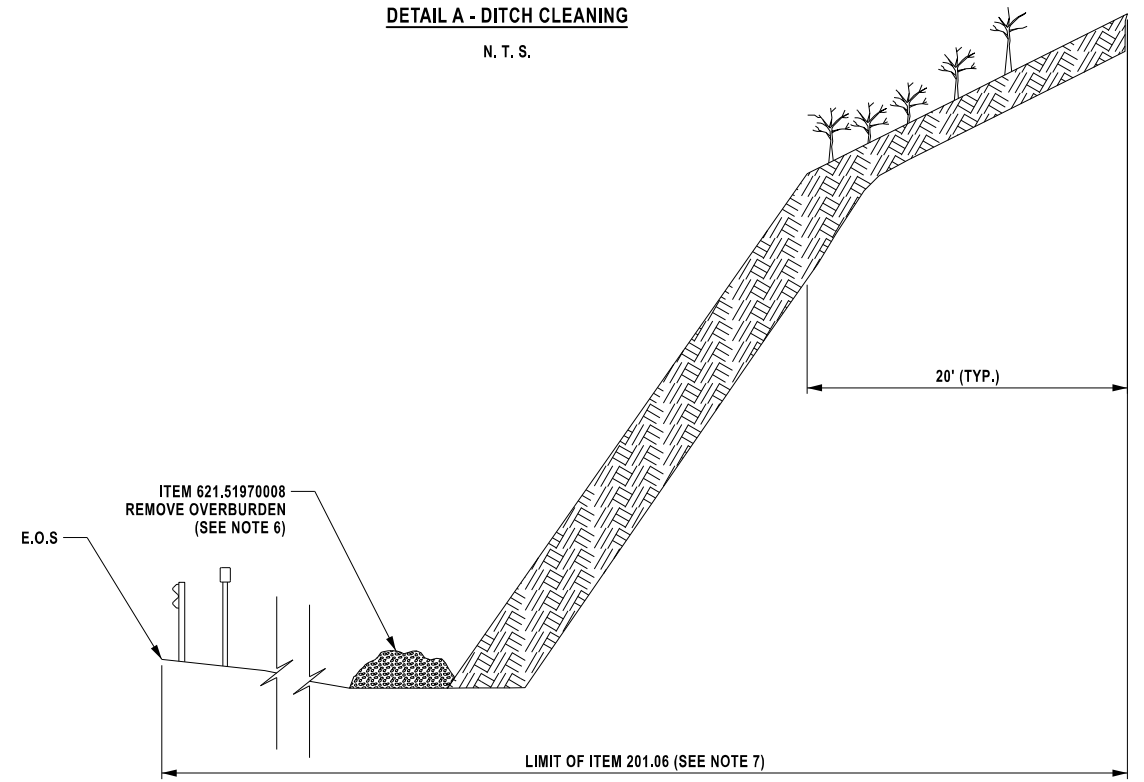
	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING MISCELLANEOUS DETAILS	DRAWING NUMBER: MSD-02

DESIGN SUPERVISOR: R. BENNETT  
 DRAFTED BY: Q. ROTOLI  
 CHECKED BY: R. BENNETT  
 CHECKED BY: Q. ROTOLI  
 CHECKED BY: S. MARKLE



**DETAIL A - DITCH CLEANING**

N. T. S.



**DETAIL B - DITCH CLEANING**

N. T. S.

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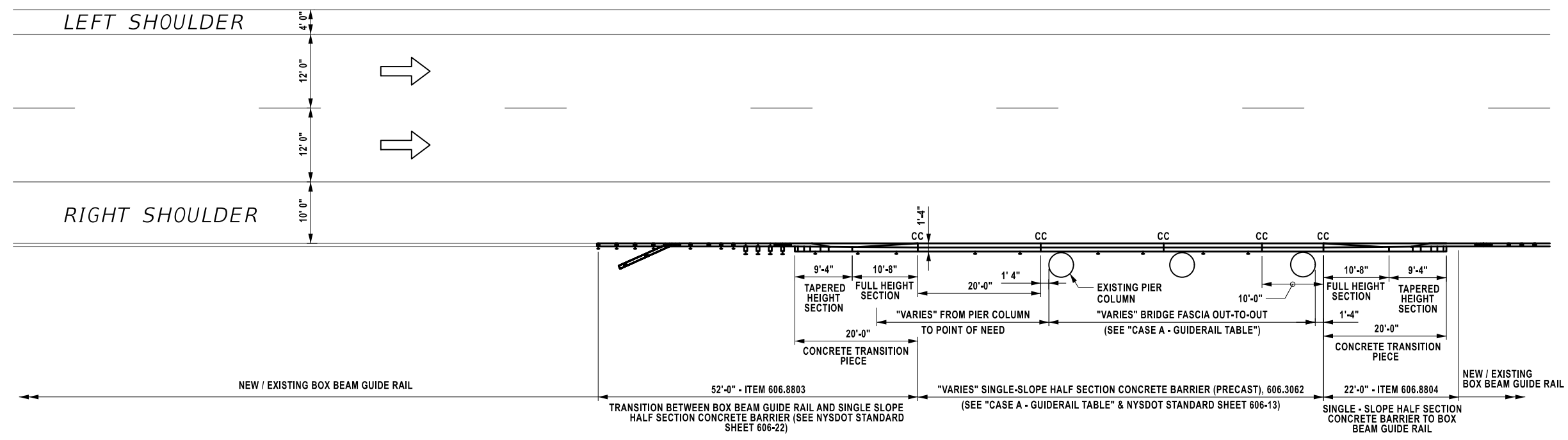
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING MISCELLANEOUS DETAILS	DRAWING NUMBER: MSD-03

DESIGN SUPERVISOR: R. BENNETT  
DESIGNED BY: J. RATKA  
CHECKED BY: E. THOMPSON  
DRAFTED BY: A. LAMINI  
CHECKED BY: M. STONEMETZ



**RIGHT SHOULDER PIER PROTECTION PLAN - CASE A**  
N. T. S.

CASE A - GUIDERAIL TABLE			
BRIDGE ID	DIRECTION / SHOULDER	ITEM 606.3062 (LF)	BRIDGE FASCIA OUT-TO-OUT (LF)
CAMP ROAD (ROUTE 75)	WB RIGHT SHOULDER	90	58
CAMP ROAD (ROUTE 75)	EB RIGHT SHOULDER	90	58
EXIT 57 OVERPASS	EB RIGHT SHOULDER	72	42
SOWLES ROAD	WB RIGHT SHOULDER	70	37
SOUTH PARK AVENUE (US ROUTE 62)	WB RIGHT SHOULDER	120	96
BIG TREE ROAD	WB RIGHT SHOULDER	72	43
BIG TREE ROAD	EB RIGHT SHOULDER	70	43
MILESTRIP ROAD (ROUTE 179)	EB RIGHT SHOULDER	107	64
LAKE AVENUE	WB RIGHT SHOULDER	72	41
LAKE AVENUE	EB RIGHT SHOULDER	75	41
BALTIMORE AND OHIO RAILROAD	EB RIGHT SHOULDER	38	25

- NOTES:
- CONTINUITY CONNECTION FOR PIER PROTECTION BARRIER SHALL NOT BE LOCATED DIRECTLY IN LINE WITH PIER COLUMNS. THE CONTRACTOR SHALL ADJUST BARRIER SEGMENT JOINTS AND CONTINUITY CONNECTION LOCATIONS AS NECESSARY TO AVOID ALIGNMENT WITH PIER COLUMNS WHILE MAINTAINING COMPLIANCE WITH THE APPLICABLE STANDARD SHEETS AND SPECIFICATIONS.
  - THE CONTRACTOR SHALL FIELD-VERIFY THE POINT OF NEED FOR ALL GUIDERAIL AND BARRIER INSTALLATIONS AND ADJUST INSTALLATION LIMITS AS REQUIRED, SUBJECT TO APPROVAL BY THE ENGINEER IN CHARGE.
  - POINT OF NEED AND PIER COLUMN TO EDGE OF TRAVEL LANE DISTANCES VARY BY BRIDGE LOCATION AND PIER COLUMN LOCATIONS. DUE TO THE LEVEL OF INFORMATION AVAILABLE, THESE LIMITS ARE SHOWN AS VARIABLE. FINAL INSTALLATION LIMITS SHALL BE FIELD-VERIFIED BY THE CONTRACTOR, SUBJECT TO APPROVAL BY THE ENGINEER-IN-CHARGE.
  - REFER TO MST-01 TO MST-04 FOR ADDITIONAL GUIDERAIL AND BARRIER ITEM QUANTITIES ASSOCIATED WITH THESE INSTALLATIONS.

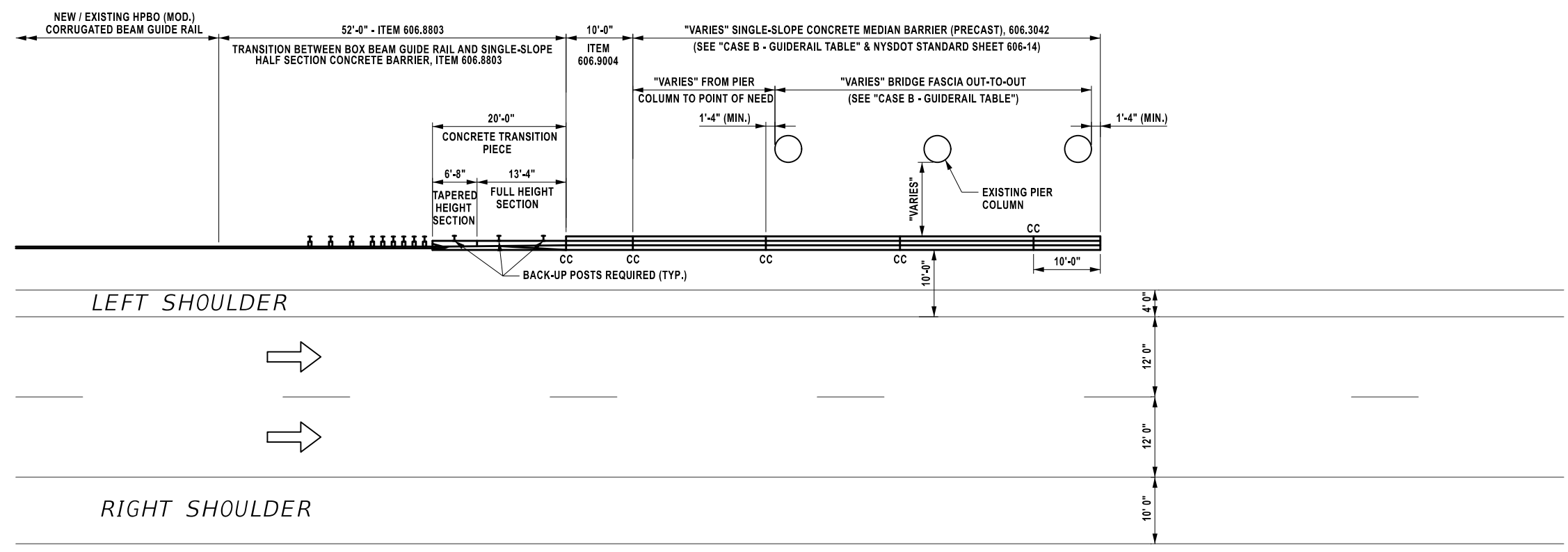
ALTERED ON:	AFFIXED ON: <b>12/19/2025</b>
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: H145-2
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 12/19/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS PIER PROTECTION CASE A	DRAWING NUMBER: MSD-04

M. STONEMETZ  
 CHECKED BY:  
 A. LAMINI  
 DRAFTED BY:  
 E. THOMPSON  
 CHECKED BY:  
 J. RATKA  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**LEFT SHOULDER PIER PROTECTION PLAN - CASE B**  
N. T. S.

CASE B - GUIDERAIL TABLE			
BRIDGE ID	DIRECTION / SHOULDER	ITEM 606.3042 (LF)	BRIDGE FASCIA OUT-TO-OUT (LF)
CAMP ROAD (ROUTE 75)	WB LEFT SHOULDER	122	58
CAMP ROAD (ROUTE 75)	EB LEFT SHOULDER	124	58
EXIT 57 OVERPASS	WB LEFT SHOULDER	74	42
SOWLES ROAD	WB LEFT SHOULDER	60	37
LAKE AVENUE	WB LEFT SHOULDER	111	41
LAKE AVENUE	EB LEFT SHOULDER	81	41

- NOTES:
- CONTINUITY CONNECTION FOR PIER PROTECTION BARRIER SHALL NOT BE LOCATED DIRECTLY IN LINE WITH PIER COLUMNS. THE CONTRACTOR SHALL ADJUST BARRIER SEGMENT JOINTS AND CONTINUITY CONNECTION LOCATIONS AS NECESSARY TO AVOID ALIGNMENT WITH PIER COLUMNS WHILE MAINTAINING COMPLIANCE WITH THE APPLICABLE STANDARD SHEETS AND SPECIFICATIONS.
  - THE CONTRACTOR SHALL FIELD-VERIFY THE POINT OF NEED FOR ALL GUIDERAIL AND BARRIER INSTALLATIONS AND ADJUST INSTALLATION LIMITS AS REQUIRED, SUBJECT TO APPROVAL BY THE ENGINEER IN CHARGE.
  - POINT OF NEED AND PIER COLUMN TO EDGE OF TRAVEL LANE DISTANCES VARY BY BRIDGE LOCATION AND PIER COLUMN LOCATIONS. DUE TO THE LEVEL OF INFORMATION AVAILABLE, THESE LIMITS ARE SHOWN AS VARIABLE. FINAL INSTALLATION LIMITS SHALL BE FIELD-VERIFIED BY THE CONTRACTOR, SUBJECT TO APPROVAL BY THE ENGINEER-IN-CHARGE.
  - REFER TO MST-01 TO MST-04 FOR ADDITIONAL GUIDERAIL AND BARRIER ITEM QUANTITIES ASSOCIATED WITH THESE INSTALLATIONS.

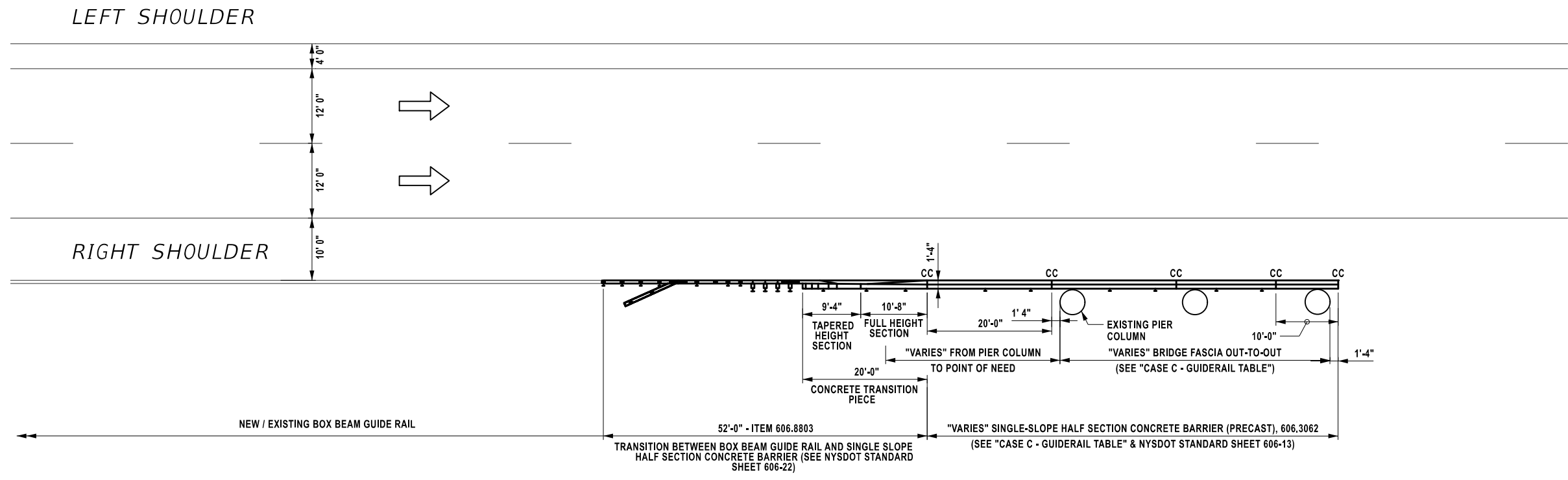
ALTERED ON:	AFFIXED ON: 12/19/2025
SIGNATURE: STAMP: 	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: H145-2
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 12/19/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS PIER PROTECTION CASE B	DRAWING NUMBER: MSD-05

M. STONEMETZ  
 CHECKED BY:  
 A. LAMNINI  
 DRAFTED BY:  
 E. THOMPSON  
 CHECKED BY:  
 J. RATKA  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**RIGHT SHOULDER PIER PROTECTION PLAN - CASE C**  
N. T. S.

- NOTES:
- CONTINUITY CONNECTION FOR PIER PROTECTION BARRIER SHALL NOT BE LOCATED DIRECTLY IN LINE WITH PIER COLUMNS. THE CONTRACTOR SHALL ADJUST BARRIER SEGMENT JOINTS AND CONTINUITY CONNECTION LOCATIONS AS NECESSARY TO AVOID ALIGNMENT WITH PIER COLUMNS WHILE MAINTAINING COMPLIANCE WITH THE APPLICABLE STANDARD SHEETS AND SPECIFICATIONS.
  - THE CONTRACTOR SHALL FIELD-VERIFY THE POINT OF NEED FOR ALL GUIDERAIL AND BARRIER INSTALLATIONS AND ADJUST INSTALLATION LIMITS AS REQUIRED, SUBJECT TO APPROVAL BY THE ENGINEER IN CHARGE.
  - POINT OF NEED AND PIER COLUMN TO EDGE OF TRAVEL LANE DISTANCES VARY BY BRIDGE LOCATION AND PIER COLUMN LOCATIONS. DUE TO THE LEVEL OF INFORMATION AVAILABLE, THESE LIMITS ARE SHOWN AS VARIABLE. FINAL INSTALLATION LIMITS SHALL BE FIELD-VERIFIED BY THE CONTRACTOR, SUBJECT TO APPROVAL BY THE ENGINEER-IN-CHARGE.
  - REFER TO MST-01 TO MST-04 FOR ADDITIONAL GUIDERAIL AND BARRIER ITEM QUANTITIES ASSOCIATED WITH THESE INSTALLATIONS.

CASE C - GUIDERAIL TABLE			
BRIDGE ID	DIRECTION / SHOULDER	ITEM 606.3062 (LF)	BRIDGE FASCIA OUT-TO-OUT (LF)
EXIT 57 OVERPASS	WB RIGHT SHOULDER	83	42
SOWLES ROAD	EB RIGHT SHOULDER	85	37
MILESTRIP ROAD (ROUTE 179)	WB RIGHT SHOULDER	99	64
BALTIMORE AND OHIO RAILROAD	WB RIGHT SHOULDER	38	25

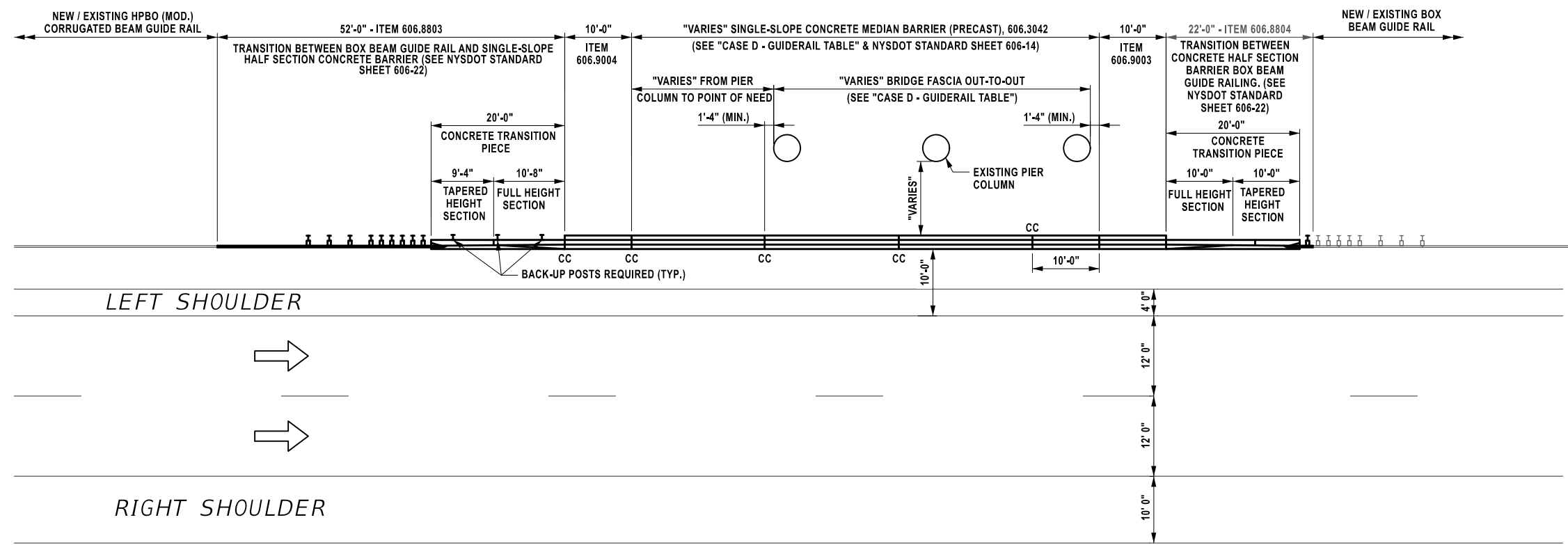
ALTERED ON:	AFFIXED ON: 12/19/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: H145-2
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 12/19/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS PIER PROTECTION CASE C	DRAWING NUMBER: MSD-06

M. STONEMETZ  
 CHECKED BY:  
 A. LAMINI  
 DRAFTED BY:  
 E. THOMPSON  
 CHECKED BY:  
 J. RATKA  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**LEFT SHOULDER PIER PROTECTION PLAN - CASE D**  
N. T. S.

CASE D - GUIDERAIL TABLE			
BRIDGE ID	DIRECTION / SHOULDER	ITEM 606.3042 (LF)	BRIDGE FASCIA OUT-TO-OUT (LF)
BIG TREE ROAD	WB LEFT SHOULDER	86	43
BIG TREE ROAD	EB LEFT SHOULDER	87	43
MILESTRIP ROAD (ROUTE 179)	WB LEFT SHOULDER	100	64
MILESTRIP ROAD (ROUTE 179)	EB LEFT SHOULDER	114	64

- NOTES:
- CONTINUITY CONNECTION FOR PIER PROTECTION BARRIER SHALL NOT BE LOCATED DIRECTLY IN LINE WITH PIER COLUMNS. THE CONTRACTOR SHALL ADJUST BARRIER SEGMENT JOINTS AND CONTINUITY CONNECTION LOCATIONS AS NECESSARY TO AVOID ALIGNMENT WITH PIER COLUMNS WHILE MAINTAINING COMPLIANCE WITH THE APPLICABLE STANDARD SHEETS AND SPECIFICATIONS.
  - THE CONTRACTOR SHALL FIELD-VERIFY THE POINT OF NEED FOR ALL GUIDERAIL AND BARRIER INSTALLATIONS AND ADJUST INSTALLATION LIMITS AS REQUIRED, SUBJECT TO APPROVAL BY THE ENGINEER IN CHARGE.
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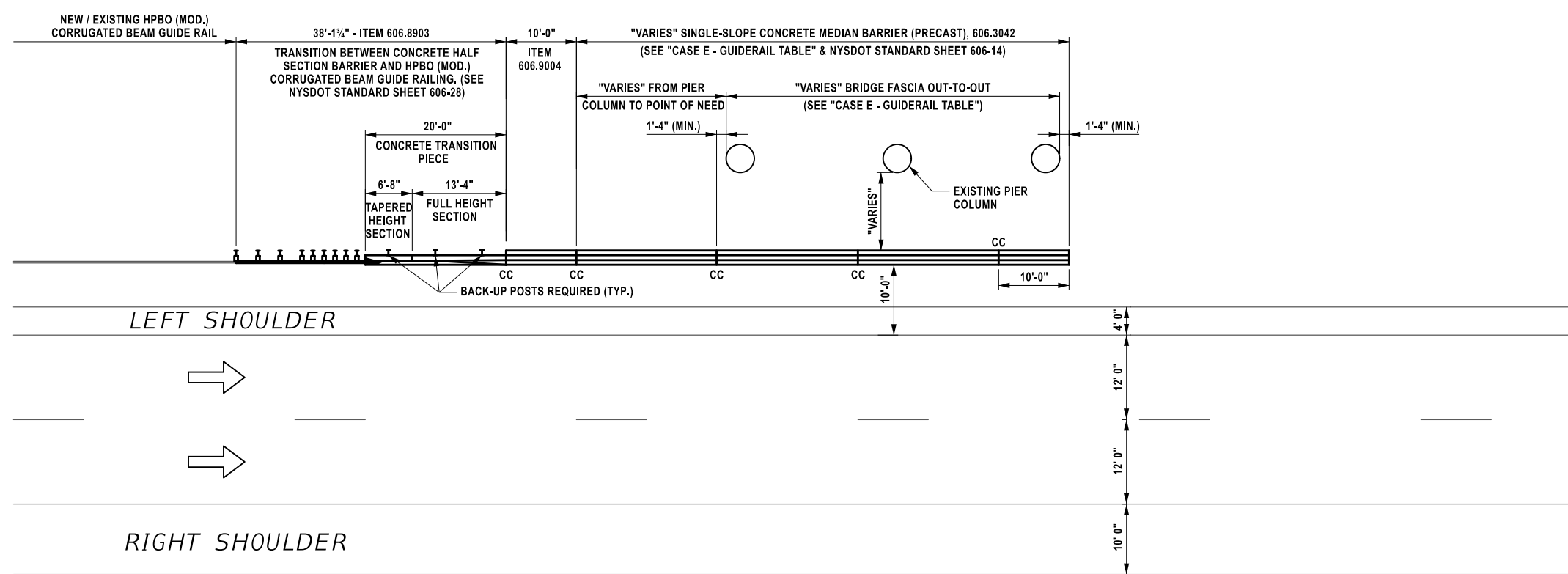
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: H145-2
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 12/19/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS PIER PROTECTION CASE D	DRAWING NUMBER: MSD-07

DESIGN SUPERVISOR: R. BENNETT  
DESIGNED BY: J. RATKA  
CHECKED BY: E. THOMPSON  
DRAFTED BY: A. LAMINI  
CHECKED BY: M. STONEMETZ



**LEFT SHOULDER PIER PROTECTION PLAN - CASE E**  
N. T. S.

- NOTES:
- CONTINUITY CONNECTION FOR PIER PROTECTION BARRIER SHALL NOT BE LOCATED DIRECTLY IN LINE WITH PIER COLUMNS. THE CONTRACTOR SHALL ADJUST BARRIER SEGMENT JOINTS AND CONTINUITY CONNECTION LOCATIONS AS NECESSARY TO AVOID ALIGNMENT WITH PIER COLUMNS WHILE MAINTAINING COMPLIANCE WITH THE APPLICABLE STANDARD SHEETS AND SPECIFICATIONS.
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  - REFER TO MST-01 TO MST-04 FOR ADDITIONAL GUIDERAIL AND BARRIER ITEM QUANTITIES ASSOCIATED WITH THESE INSTALLATIONS.

ALTERED ON:	AFFIXED ON: 12/19/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

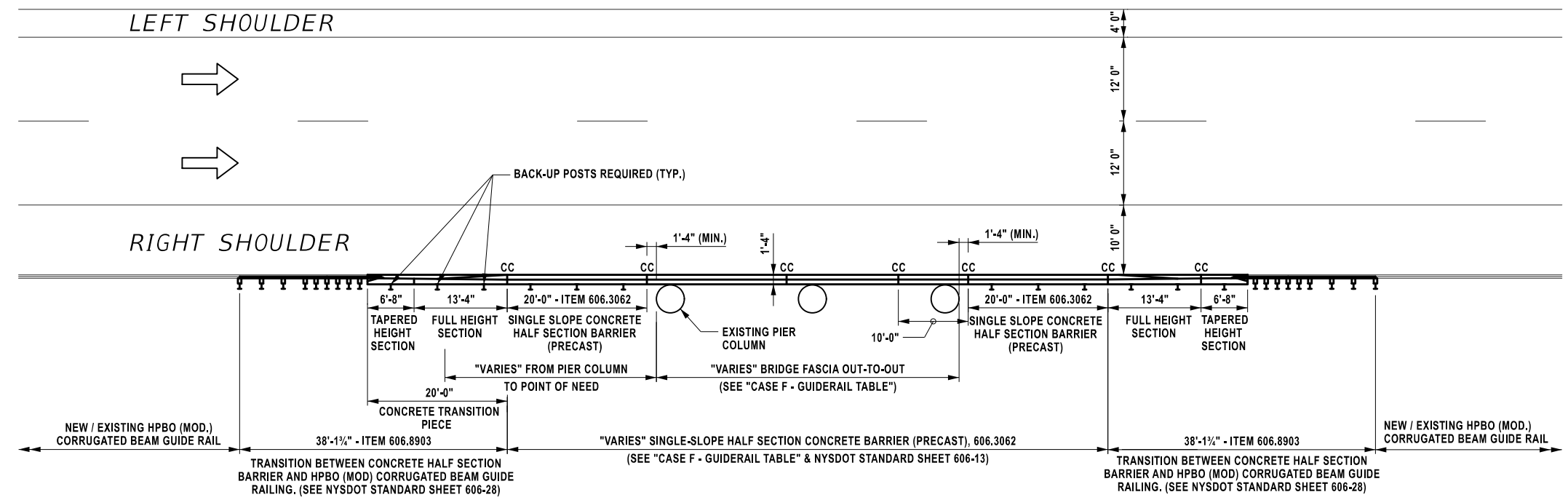
CASE E - GUIDERAIL TABLE			
BRIDGE ID	DIRECTION / SHOULDER	ITEM 606.3042 (LF)	BRIDGE FASCIA OUT-TO-OUT (LF)
EXT 57 OVERPASS	EB LEFT SHOULDER	63	42
SOUTH PARK AVENUE (US ROUTE 62)	WB LEFT SHOULDER	134	96
BALTIMORE AND OHIO RAILROAD	EB LEFT SHOULDER	58	25

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.


 	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: H145-2
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 12/19/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS PIER PROTECTION CASE E	DRAWING NUMBER: MSD-08

M. STONEMETZ  
 CHECKED BY:  
 A. LAMNINI  
 DRAFTED BY:  
 E. THOMPSON  
 CHECKED BY:  
 J. RATKA  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**RIGHT SHOULDER PIER PROTECTION PLAN - CASE F**  
N. T. S.



- NOTES:
- CONTINUITY CONNECTION FOR PIER PROTECTION BARRIER SHALL NOT BE LOCATED DIRECTLY IN LINE WITH PIER COLUMNS. THE CONTRACTOR SHALL ADJUST BARRIER SEGMENT JOINTS AND CONTINUITY CONNECTION LOCATIONS AS NECESSARY TO AVOID ALIGNMENT WITH PIER COLUMNS WHILE MAINTAINING COMPLIANCE WITH THE APPLICABLE STANDARD SHEETS AND SPECIFICATIONS.
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  - REFER TO MST-01 TO MST-04 FOR ADDITIONAL GUIDERAIL AND BARRIER ITEM QUANTITIES ASSOCIATED WITH THESE INSTALLATIONS.

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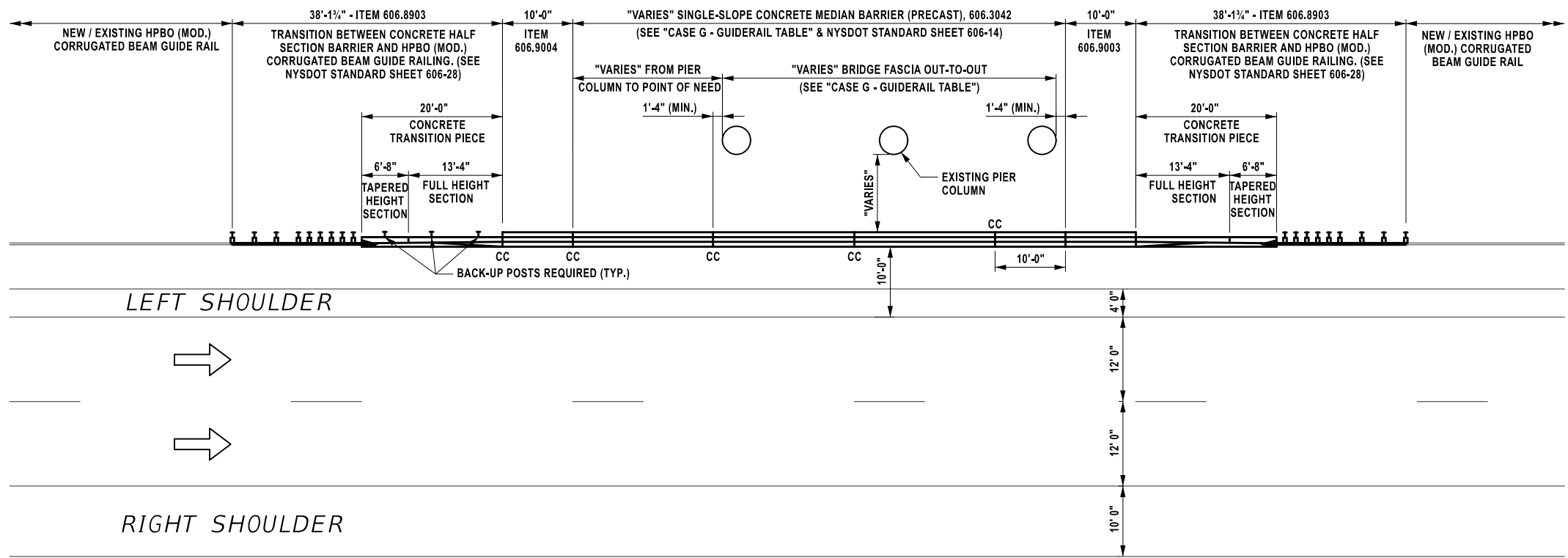
CASE F - GUIDERAIL TABLE			
BRIDGE ID	DIRECTION / SHOULDER	ITEM 606.3062 (LF)	BRIDGE FASCIA OUT-TO-OUT (LF)
SOUTH PARK AVENUE (US ROUTE 62)	EB RIGHT SHOULDER	131	96

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: H145-2
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 12/19/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS PIER PROTECTION CASE F	DRAWING NUMBER: MSD-09

M. STONEMETZ  
 CHECKED BY:  
 A. LAMINI  
 DRAFTED BY:  
 E. THOMPSON  
 CHECKED BY:  
 J. RATKA  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**LEFT SHOULDER PIER PROTECTION PLAN - CASE G**  
N. T. S.

- NOTES:
- CONTINUITY CONNECTION FOR PIER PROTECTION BARRIER SHALL NOT BE LOCATED DIRECTLY IN LINE WITH PIER COLUMNS. THE CONTRACTOR SHALL ADJUST BARRIER SEGMENT JOINTS AND CONTINUITY CONNECTION LOCATIONS AS NECESSARY TO AVOID ALIGNMENT WITH PIER COLUMNS WHILE MAINTAINING COMPLIANCE WITH THE APPLICABLE STANDARD SHEETS AND SPECIFICATIONS.
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  - REFER TO MST-01 TO MST-04 FOR ADDITIONAL GUIDERAIL AND BARRIER ITEM QUANTITIES ASSOCIATED WITH THESE INSTALLATIONS.

CASE G - GUIDERAIL TABLE			
BRIDGE ID	DIRECTION / SHOULDER	ITEM 606.3042 (LF)	BRIDGE FASCIA OUT-TO-OUT (LF)
SOWLES ROAD	EB LEFT SHOULDER	94	37
SOUTH PARK AVENUE (US ROUTE 62)	EB LEFT SHOULDER	190	96

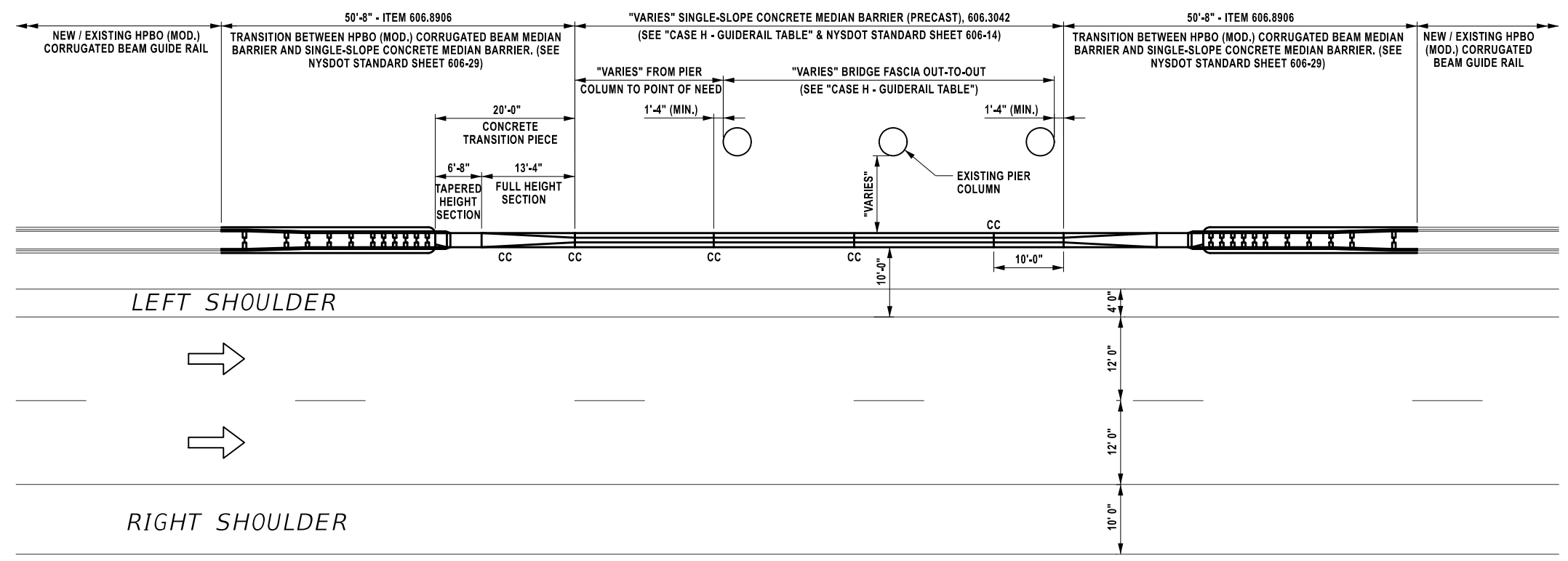
ALTERED ON:	AFFIXED ON: 12/19/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: H145-2
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 12/19/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS PIER PROTECTION CASE G	DRAWING NUMBER: MSD-10

M. STONEMETZ  
 CHECKED BY:  
 A. LAMINI  
 DRAFTED BY:  
 E. THOMPSON  
 CHECKED BY:  
 J. RATKA  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**LEFT SHOULDER PIER PROTECTION PLAN - CASE H**  
N. T. S.

- NOTES:
- CONTINUITY CONNECTION FOR PIER PROTECTION BARRIER SHALL NOT BE LOCATED DIRECTLY IN LINE WITH PIER COLUMNS. THE CONTRACTOR SHALL ADJUST BARRIER SEGMENT JOINTS AND CONTINUITY CONNECTION LOCATIONS AS NECESSARY TO AVOID ALIGNMENT WITH PIER COLUMNS WHILE MAINTAINING COMPLIANCE WITH THE APPLICABLE STANDARD SHEETS AND SPECIFICATIONS.
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  - REFER TO MST-01 TO MST-04 FOR ADDITIONAL GUIDERAIL AND BARRIER ITEM QUANTITIES ASSOCIATED WITH THESE INSTALLATIONS.

CASE H - GUIDERAIL TABLE			
BRIDGE ID	DIRECTION / SHOULDER	ITEM 606.3042 (LF)	BRIDGE FASCIA OUT-TO-OUT (LF)
BALTIMORE AND OHIO RAILROAD	WB LEFT SHOULDER	35	25

ALTERED ON:	AFFIXED ON: 12/19/2025
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: H145-2
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 12/19/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS PIER PROTECTION CASE H	DRAWING NUMBER: MSD-11









S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:

SIGN CONSTRUCTION TABLE									
SIGN MP	GENERAL PLAN SHEET	ITEM 203.03	ITEM 610.1402	ITEM 645.51000125	ITEM 610.1601	ITEM 645.830702	ITEM 647.33	ITEM 647.53	ITEM 647.65
		CY	CY	SF	SY	EA	EA		EA
436.952 EB	GNP-07	30	10		30				
436.83 EB	GNP-07	22	8		22				
436.795 EB	GNP-07	29	10		29				
436.07 WB	GNP-10								2
435.86 WB	GNP-11			204		2		1	3
435.08 WB	GNP-13			224		2		1	3
434.00 EB	GNP-17	14			8				
433.425 EB	GNP-19	36	12		36				
433.285 EB	GNP-20	32	11		32				
433.095 EB	GNP-21	35	12		35				
433 WB	GNP-21	28	10		28				
432.875 EB	GNP-21	24	8		24				
432.133 WB	GNP-24			290		3		1	3
432.09 WB	GNP-24	22	8		22				
431.75 WB	GNP-25						1		3
431.70 WB	GNP-26					2	1		
431.4 EB	GNP-27	23	8		23				
<b>TOTAL</b>		<b>295</b>	<b>97</b>	<b>718</b>	<b>289</b>	<b>9</b>	<b>2</b>	<b>3</b>	<b>14</b>

TREE REMOVAL & CLEAR AND GRUB TABLE			
MILEPOST	GENERAL PLAN SHEET	ITEM 614.060303	ITEM 201.06
		EACH	LS
437.05	GNP-06	1	
434.877	GNP-14		1
<b>TOTAL</b>		<b>1</b>	<b>1</b>


**ITEM SUMMARY**

ITEM 201.06 - CLEARING AND GRUBBING  
 ITEM 614.060303 - TREE REMOVAL OVER 12 INCHES TO 18 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT TO BELOW GRADE

**ITEM SUMMARY**



ITEM 203.03 - EMBANKMENT IN PLACE  
 ITEM 610.1402 - TOPSOIL - ROADSIDE  
 ITEM 610.1601 - TURF ESTABLISHMENT - ROADSIDE  
 ITEM 645.51000125 - INSTALL GROUND-MOUNTED SIGN PANELS (AUTHORITY SUPPLIED)  
 ITEM 645.8530702 - TYPE B SIGN POST, GALVANIZED, W12X26 SECTION, BI-DIRECTIONAL BREAKAWAY BASE  
 ITEM 647.33 - RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE III (OVER 100 SQUARE FEET)  
 ITEM 647.51 - REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SQUARE FEET)  
 ITEM 647.53 - REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE III (OVER 100 SQUARE FEET)  
 ITEM 647.65 - REMOVE AND DISPOSE TYPE B GROUND MOUNTED SIGN SUPPORT AND FOUNDATION

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

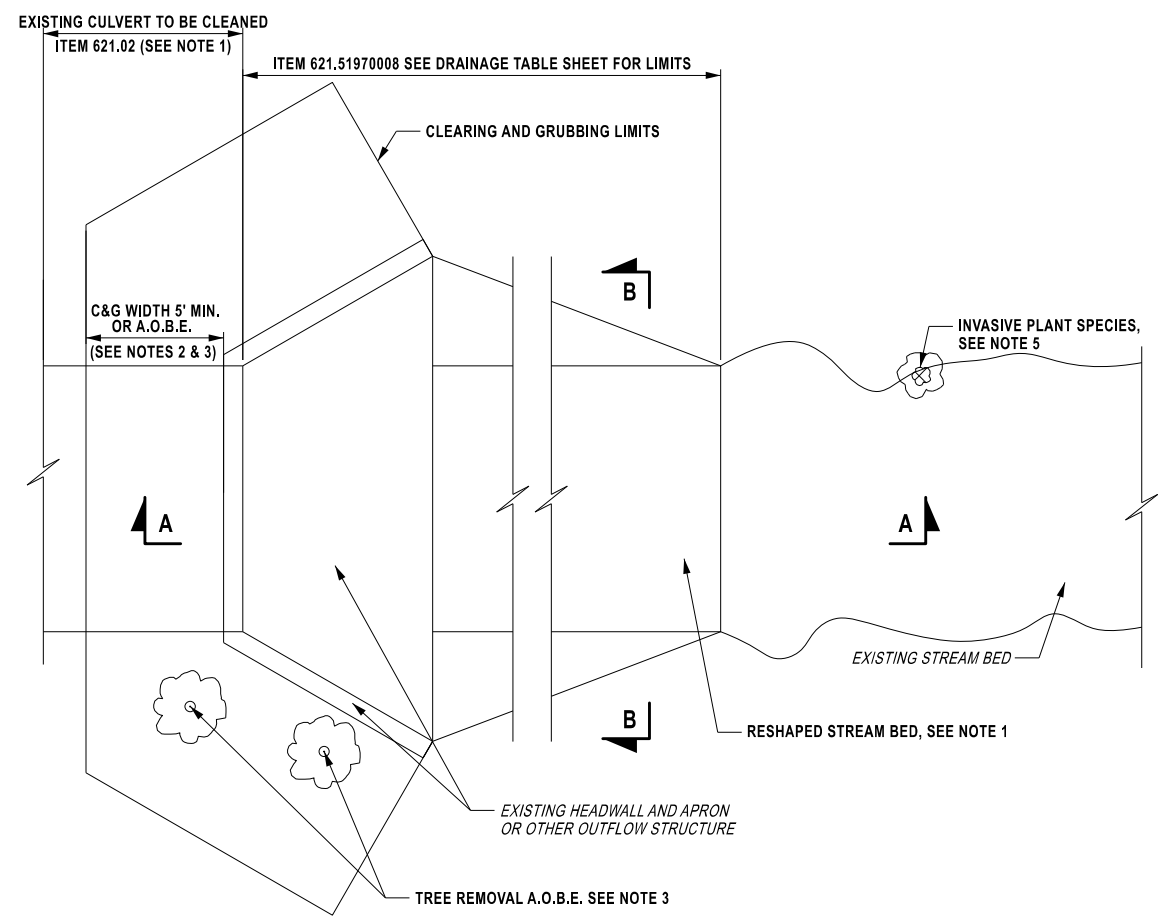


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING MISCELLANEOUS TABLES	DRAWING NUMBER: MST-05

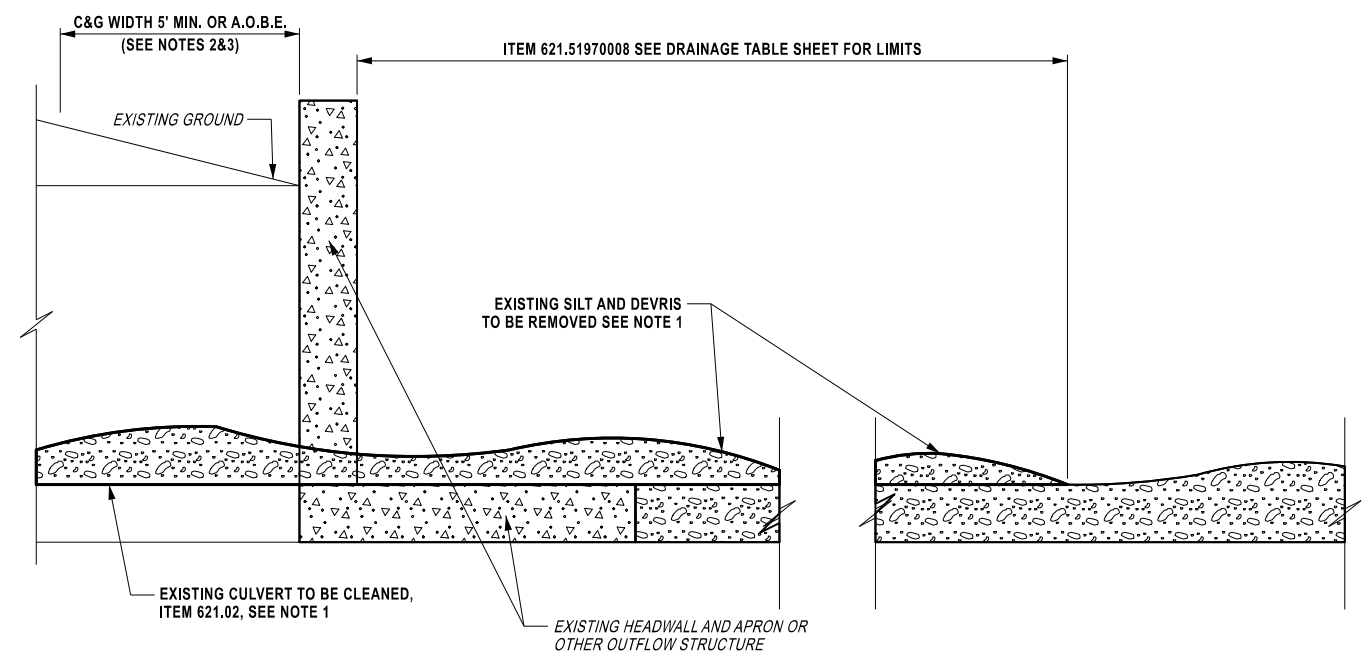
S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**TYPICAL CLEANING AND RESHAPING STREAM BED DETAIL**

N. T. S.

- NOTES:**
- SEE DRAINAGE TABLE SHEET FOR THE ITEMS AND QUANTITIES AT CLEANING AND RESHAPING LOCATIONS.
  - THE CONTRACTOR SHALL CLEAR AND GRUB, ITEM 201.01000004, BEHIND THE STRUCTURE, HEADWALL OR PIPE END SECTION A MINIMUM OF 5' OR A.O.B.E. AT THE SPECIFIED LOCATIONS CALLED OUT ON THE DRAINAGE TABLE SHEET.
  - THE CONTRACTOR SHALL REMOVE TREES AROUND HEADWALL AS NECESSARY WITHIN THE CLEARING AND GRUBBING LIMITS A.O.B.E. THE COST SHALL BE INCLUDED IN ITEM 201.07000004.
  - THE CONTRACTOR SHALL CLEAN THE CULVERT AND STREAM BED ONLY WHEN THE STREAM BED IS DRY OR A.O.B.E.
  - VEGETATIVE INVASIVE PLANT SPECIES HAVE BEEN IDENTIFIED WITHIN THE PROJECT LIMITS. PAY ITEMS HAVE BEEN INCLUDED IN THE CONTRACT TO CONTROL THESE PLANT SPECIES. LOCATION AND MEANS OF REMOVAL SHALL BE A.O.B.E.
  - 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 THIS 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 PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN AQUATIC LIFE DOWNSTREAM.
  - ALL STREAM WORK SHALL BE PERFORMED IN ACCORDANCE WITH USACE NATIONWIDE PERMIT #3 (MAINTENANCE), THE CONTRACTOR SHALL COMPLY WITH ALL GENERAL CONDITIONS OF THE PERMIT, AS DETAILED IN THE PROPOSAL.
  - DETAIL WAS DEVELOPED TO DISPLAY WORK ELEMENTS AND PAY ITEMS, PIPE CONFIGURATIONS WILL VARY PER SITE.

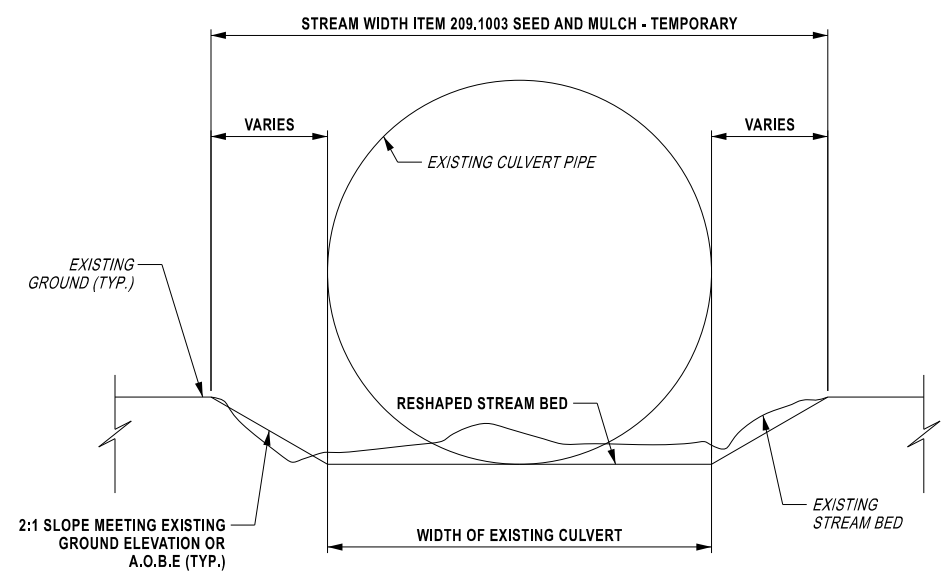


**SECTION A-A**

N. T. S.

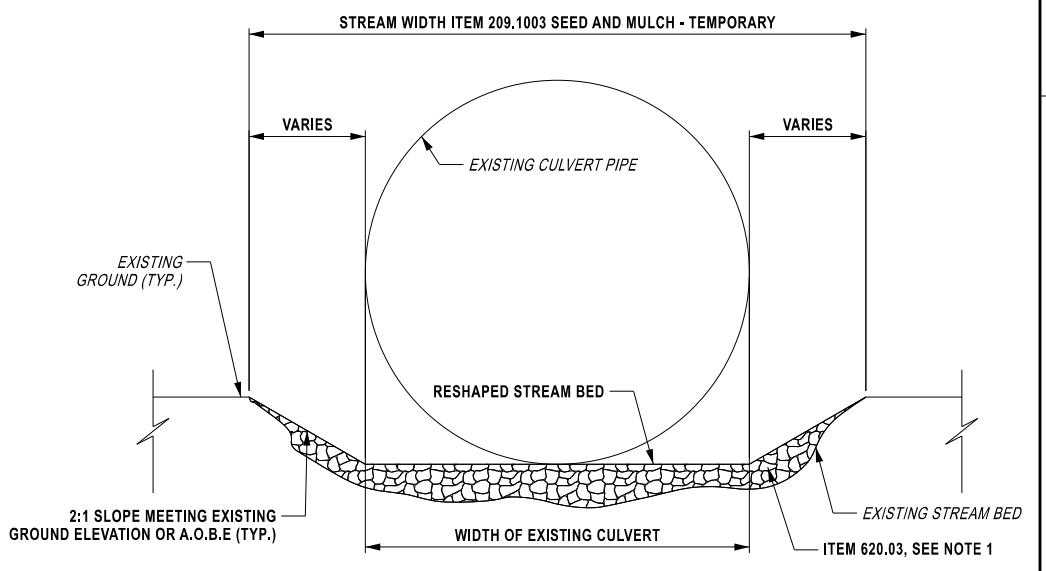
**NOTE:**

SECTION A-A IS ALSO APPLICABLE TO PIPES.



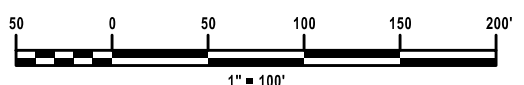
**SECTION B-B**

STREAM WITH DEBRIS BUILD UP  
N. T. S.



**SECTION B-B**

STREAM WITH SCOUR  
N. T. S.



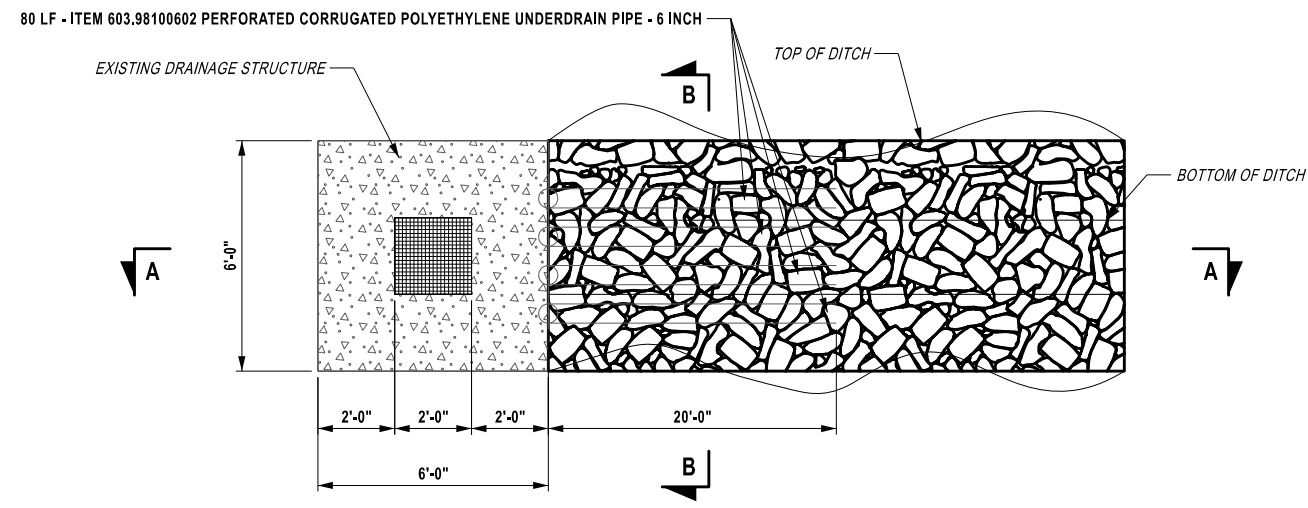
ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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.

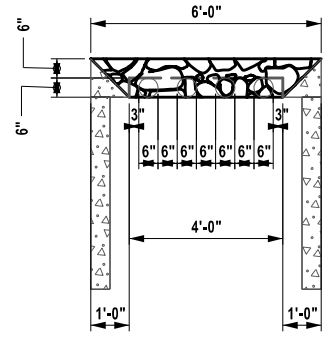
REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING DRAINAGE CLEANING AND RESHAPING DETAILS	DRAWING NUMBER: DD-01

DESIGNED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI  
DRAFTED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI  
DESIGNED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI  
DRAFTED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI  
DESIGNED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI

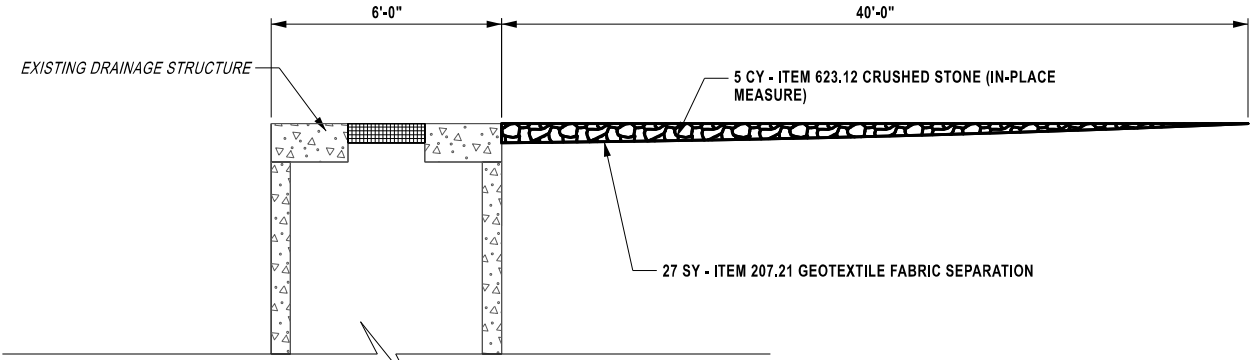
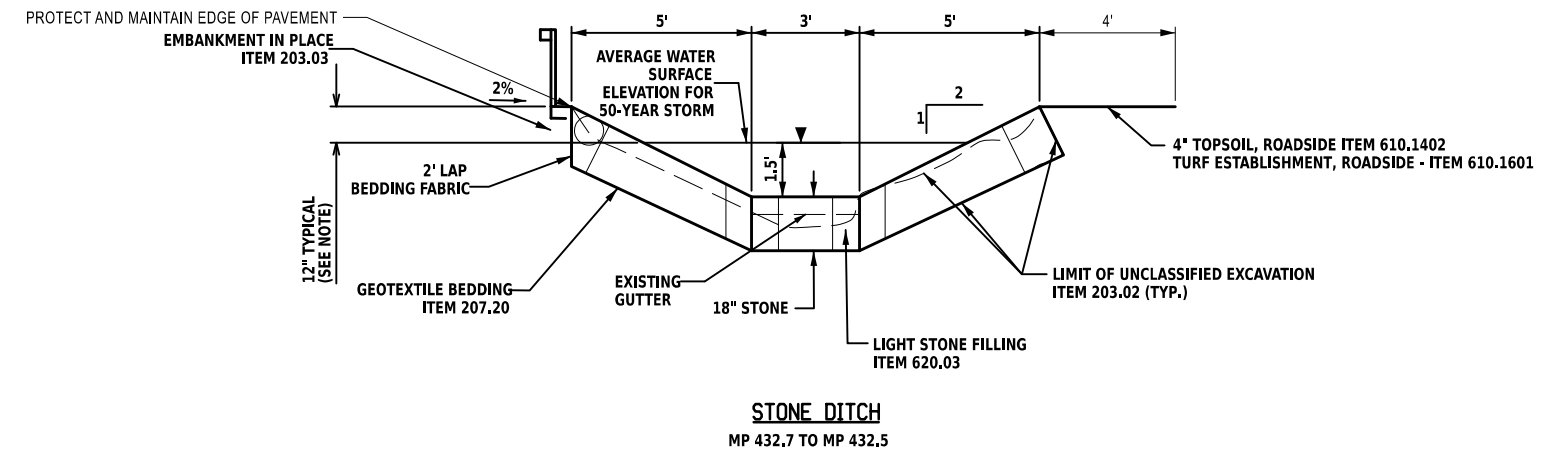


**TYPICAL FINE STONE FILL DETAIL PLAN VIEW**  
N. T. S.



**SECTION B-B**  
N. T. S.

- NOTES:**
1. SEE DRAINAGE TABLE SHEET FOR THE ITEMS AND QUANTITIES AT FILL LOCATIONS.
  2. CONTRACTOR TO SHAPE DITCH, ADD UNDERDRAIN PIPE, BACKFILL WITH STONE.
  3. CRUSHED STONE SHALL BE A 50 / 50 BLEND OF #3 AND #4 STONE.



**SECTION A-A**  
N. T. S.

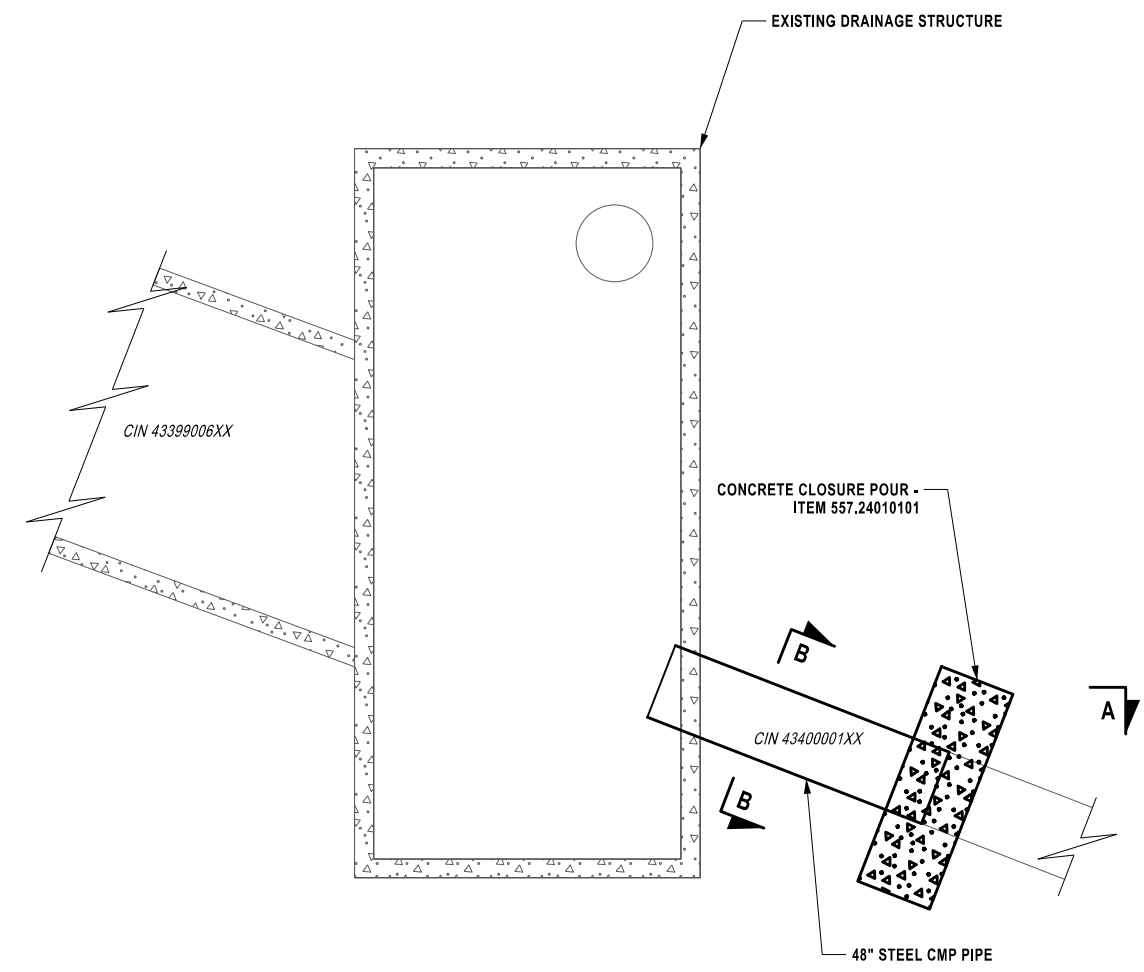
ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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.

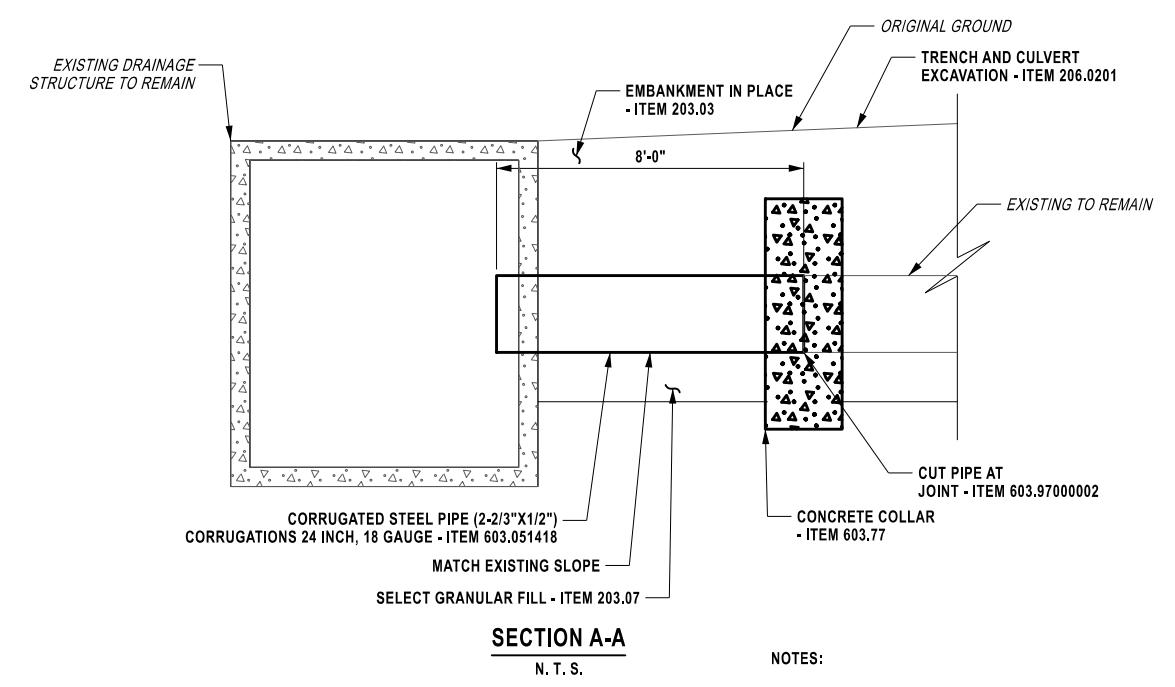
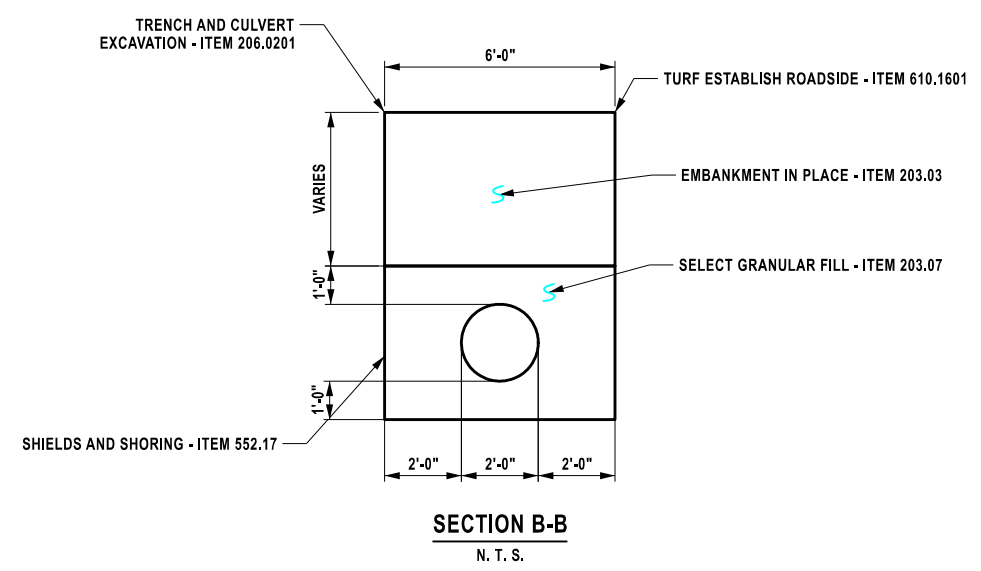
REVISIONS			
DATE	DESCRIPTION	BY	SYM.

TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING DRAINAGE CLEANING AND RESHAPING DETAILS	DRAWING NUMBER: DD-02

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**TYPICAL CULVERT PIPE REPLACEMENT DETAIL PLAN VIEW @ MP 434.00**  
N. T. S.



- NOTES:**
- SEE DRAINAGE TABLE SHEET FOR THE ITEMS AND QUANTITIES AT FILL LOCATIONS.
  - THE CONTRACTOR SHALL CLEAN THE CULVERT AND STREAM BED ONLY WHEN THE STREAM BED IS DRY OR A.O.B.E.
  - 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 PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN AQUATIC LIFE DOWNSTREAM.
  - ALL STREAM WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE USACE TRANSPORTATION REGIONAL GENERAL PERMIT (TRGP-1), PREPARED BY THE NYS THRUWAY AUTHORITY. THE CONTRACTOR SHALL COMPLY WITH ALL GENERAL CONDITIONS OF THE PERMIT, AS DETAILED IN THE PROPOSAL.

- NOTES:**
- PIPE REMOVAL TO BE INCLUDED IN TRENCH AND CULVERT EXCAVATION.

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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.

REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

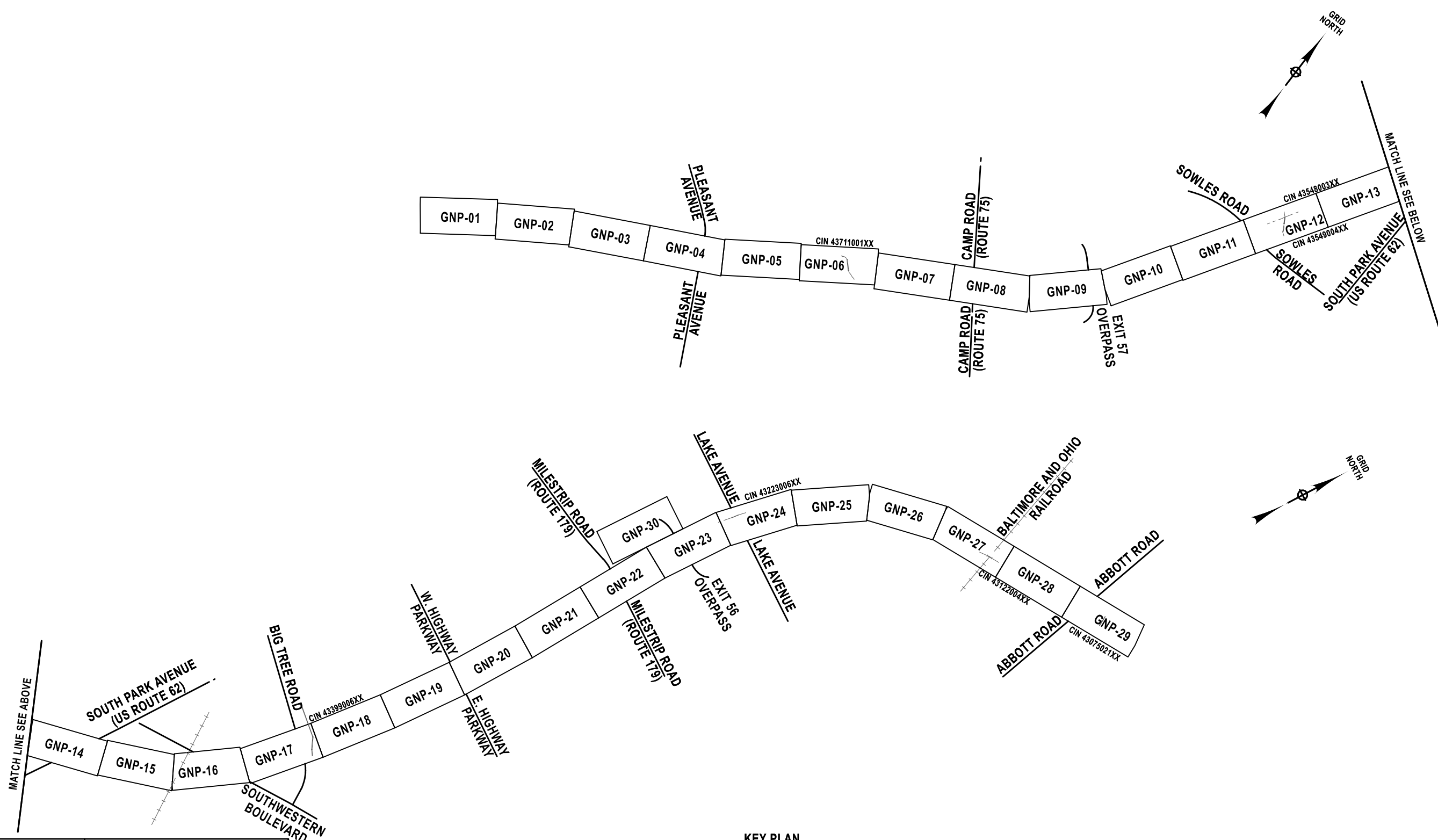
**Thruway Authority**

Powered by partnership.

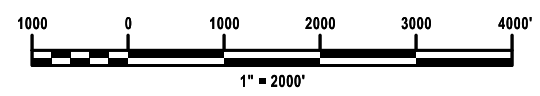
TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING DRAINAGE CLEANING AND RESHAPING DETAILS	DRAWING NUMBER: DD-03



S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**KEY PLAN**



ALTERED ON:  
SIGNATURE:  
STAMP:

AFFIXED ON:  
SIGNATURE:  
STAMP:

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.

REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

TITLE OF PROJECT  
SAFETY, DRAINAGE AND MISC. WORK

LOCATION OF PROJECT  
BUFFALO DIVISION

TITLE OF DRAWING  
**KEY PLAN**

CONTRACT NUMBER:  
TAB 26-7

DATE:  
1/7/2026

DRAWING NUMBER:  
KEY-01

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



MATCH LINE TO DWG. NO. GNP-02

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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.

PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.1203	BOX BEAM END ASSEMBLY, TYPE III	EACH
606.27	HEAVY POST BLOCKED OUT (MOD.) CORRUGATED BEAM GUIDE RAILING AND TERMINAL (ENERGY-ABSORBING)	EACH
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.7911	REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS	EACH
606.7921	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING ENERGY ABSORBING TERMINAL	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
621.01	CLEANING CULVERTS WITH SPAN OF 50 IN. OR LESS	LF
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF

REVISIONS			
DATE	DESCRIPTION	BY	SYM.

**Thruway Authority**

Powered by partnership.

**CALLOUT LEGEND:**  
**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.

1" = 100'

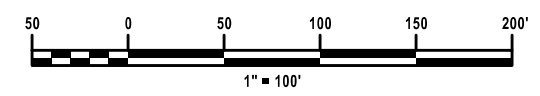
TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-01

DESIGNED BY: Q. ROTOLI  
 CHECKED BY: R. BENNETT  
 DRAFTED BY: R. BENNETT  
 CHECKED BY: Q. ROTOLI  
 S. MARKLE  
 R. BENNETT  
 DESIGN SUPERVISOR:

29  
57  
GRID NORTH



- NOTES:**
- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
  - THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

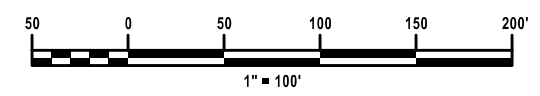
	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-02

DESIGN SUPERVISOR: R. BENNETT  
 DESIGNED BY: Q. ROTOLI  
 CHECKED BY: R. BENNETT  
 DRAFTED BY: Q. ROTOLI  
 CHECKED BY: S. MARKLE  
 Q. ROTOLI  
 S. MARKLE



30  
57

- NOTES:**
- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
  - THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

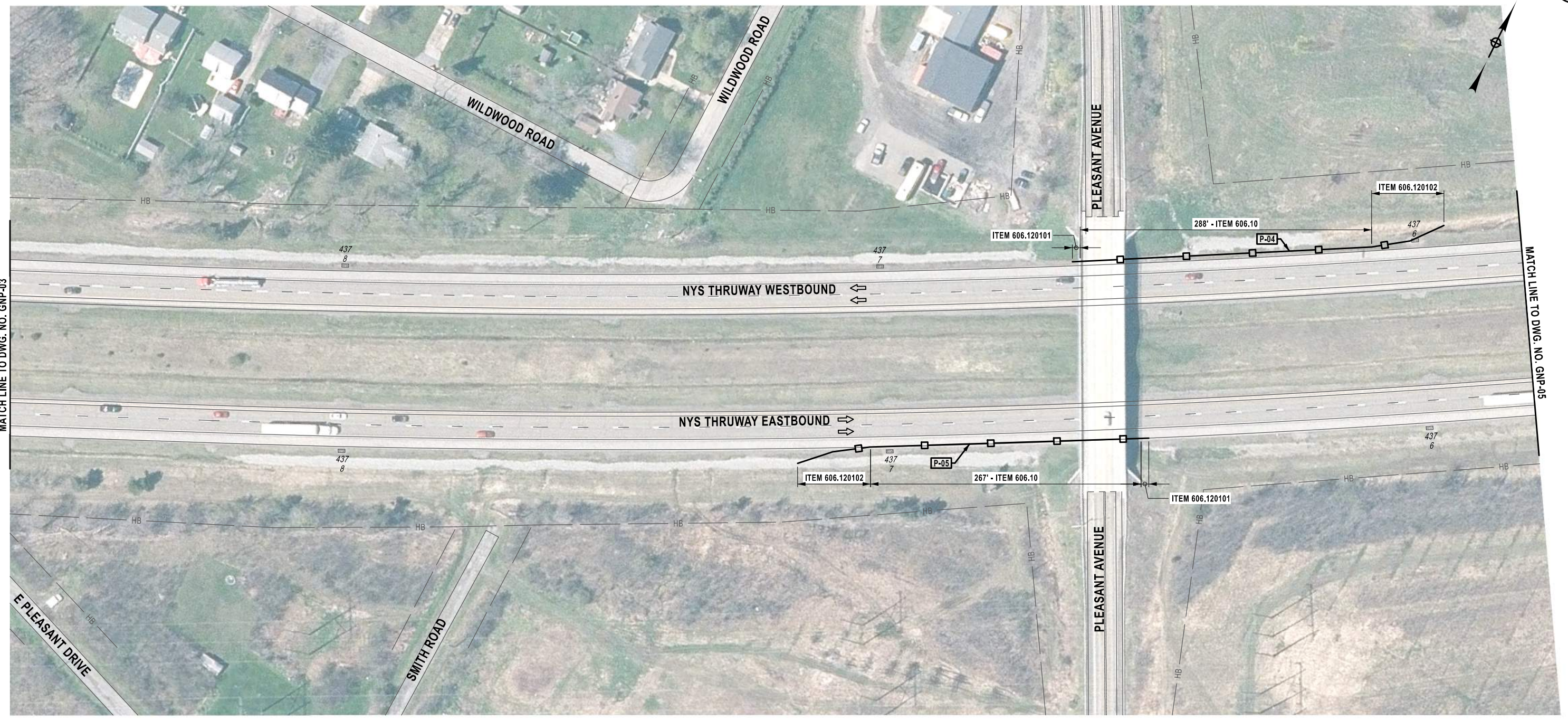
**Thruway Authority**

Powered by partnership.

TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-03

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:

31  
57  
GRID NORTH

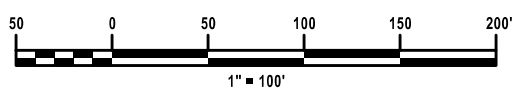


**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:
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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.10	BOX BEAM GUIDE RAILING	LF
606.120101	BOX BEAM END PIECE	EACH
606.120102	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I	EACH

REVISIONS			
DATE	DESCRIPTION	BY	SYML

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-04

DESIGN SUPERVISOR: R. BENNETT  
 DESIGNED BY: Q. ROTOLI  
 CHECKED BY: Q. ROTOLI  
 DRAFTED BY: R. BENNETT  
 CHECKED BY: R. BENNETT  
 Q. ROTOLI  
 DRAFTED BY: Q. ROTOLI  
 CHECKED BY: Q. ROTOLI  
 S. MARKLE

32  
57

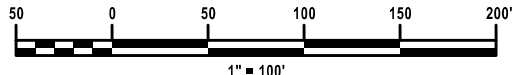


**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:
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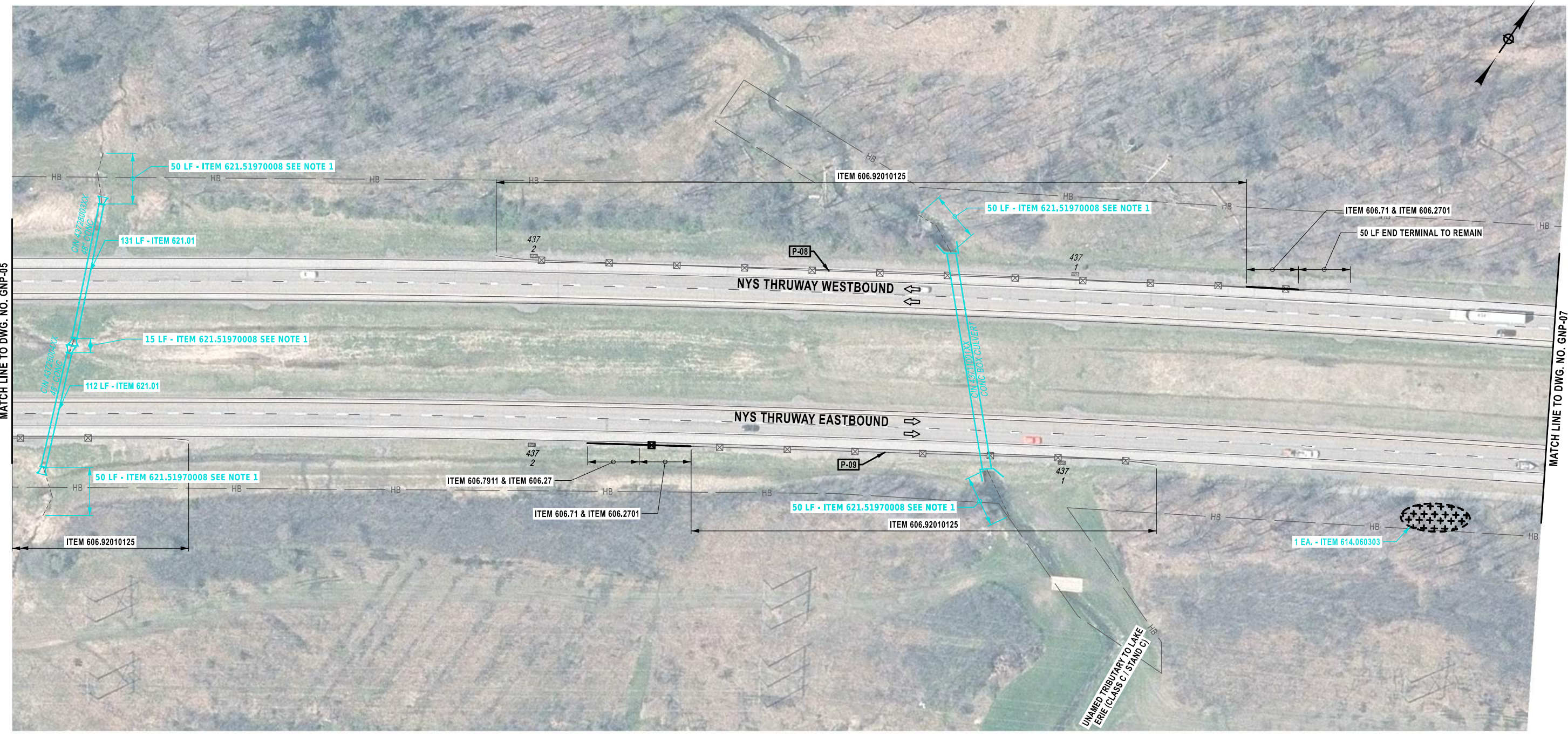
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, 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.

PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.27	HEAVY BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING AND TERMINAL (ENERGY-ABSORBING)	EACH
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.7911	REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH

REVISIONS			
DATE	DESCRIPTION	BY	SYL.

	<b>Thruway Authority</b>  Powered by partnership.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">TITLE OF PROJECT</td> <td style="text-align: center;">SAFETY, DRAINAGE AND MISC. WORK</td> <td style="font-size: small;">CONTRACT NUMBER:</td> <td style="text-align: center;">TAB 26-7</td> </tr> <tr> <td style="font-size: small;">LOCATION OF PROJECT</td> <td style="text-align: center;">BUFFALO DIVISION</td> <td style="font-size: small;">DATE:</td> <td style="text-align: center;">1/7/2026</td> </tr> <tr> <td style="font-size: small;">TITLE OF DRAWING</td> <td style="text-align: center;">GENERAL PLAN</td> <td style="font-size: small;">DRAWING NUMBER:</td> <td style="text-align: center;">GNP-05</td> </tr> </table>	TITLE OF PROJECT	SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER:	TAB 26-7	LOCATION OF PROJECT	BUFFALO DIVISION	DATE:	1/7/2026	TITLE OF DRAWING	GENERAL PLAN	DRAWING NUMBER:	GNP-05
TITLE OF PROJECT	SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER:	TAB 26-7											
LOCATION OF PROJECT	BUFFALO DIVISION	DATE:	1/7/2026											
TITLE OF DRAWING	GENERAL PLAN	DRAWING NUMBER:	GNP-05											

S. MARKLE  
 Q. ROTOLI  
 R. BENNETT  
 Q. ROTOLI  
 R. BENNETT  
 Q. ROTOLI  
 R. BENNETT



MATCH LINE TO DWG. NO. GNP-05

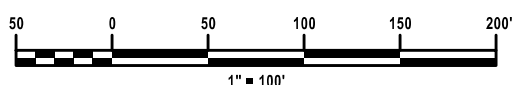
MATCH LINE TO DWG. NO. GNP-07

ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:

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.

PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.27	HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING END TERMINAL (ENERGY-ABSORBING)	EACH
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.7911	REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
614.060303	TREE REMOVAL OVER 12 INCHES TO 18 INCHES DIAMETER BREAST HEIGHT HT - STUMPS CUT TO BELOW GRADE	EACH
621.01	CLEANING CULVERTS WITH SPAN OF 50 IN. OR LESS	LF
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF

- CALLOUT LEGEND:**  
 P-XX → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"
- NOTES:**
- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
  - THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



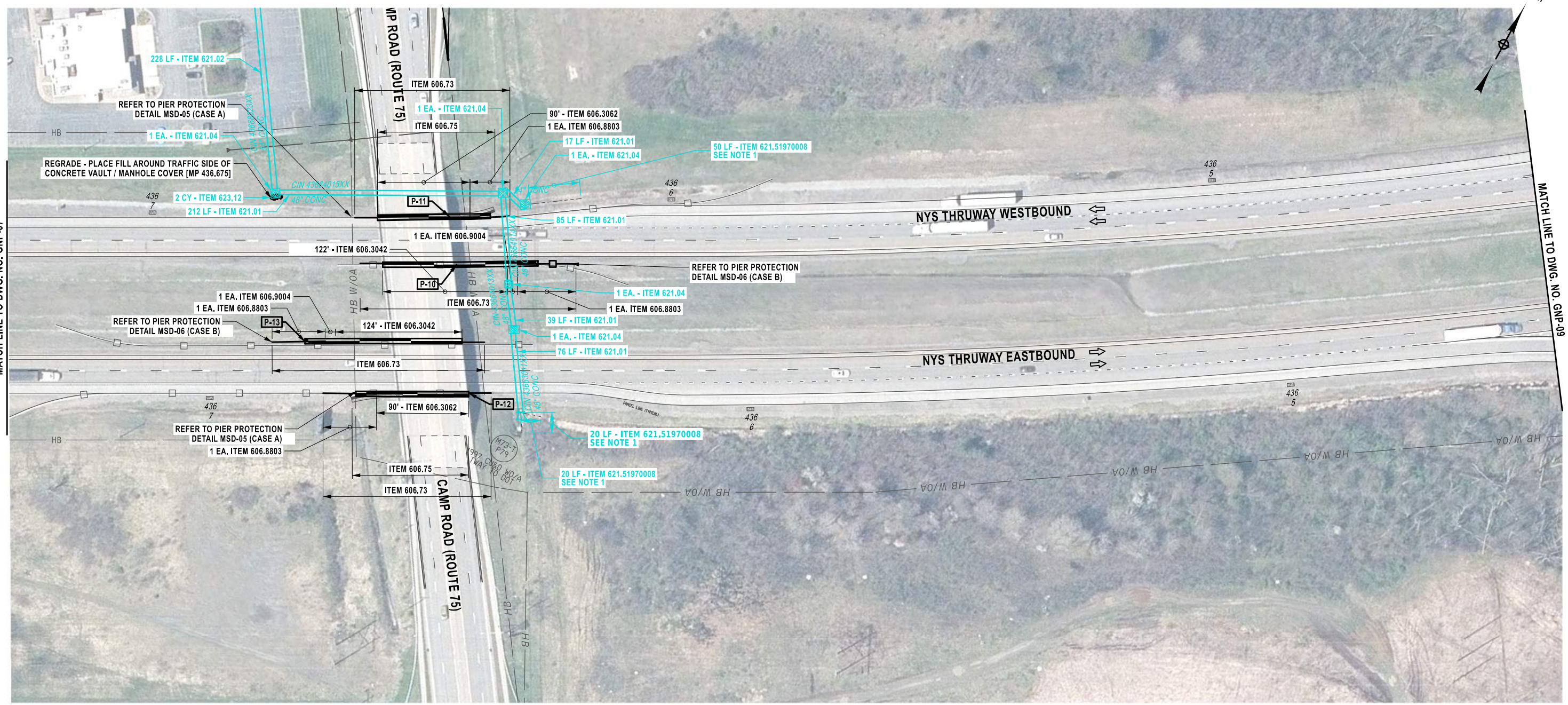
REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-06



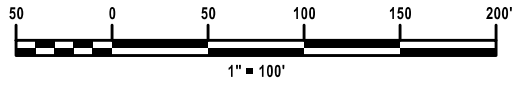
S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:

35  
57  
GRID NORTH



PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
606.75	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
606.8803	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALF SECTION CONCRETE BARRIER(ONE OR TWO WAY OPERATION)	EACH
606.9003	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLE SLOPE CONCRETE BARRIER (LEFT POCKET)	EACH
606.9004	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLESLOPE CONCRETE BARRIER (RIGHT POCKET)	EACH
621.01	CLEANING CULVERTS WITH SPAN OF 50 IN. OR LESS	LF
621.02	CLEANING CULVERTS WITH SPAN OF MORE THAN 50 IN.	LF
621.04	CLEANING DRAINAGE STRUCTURES	EACH
623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF

- CALLOUT LEGEND:**  
 P-XX → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"
- NOTES:**
- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
  - THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



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SIGNATURE: STAMP:	SIGNATURE: STAMP:

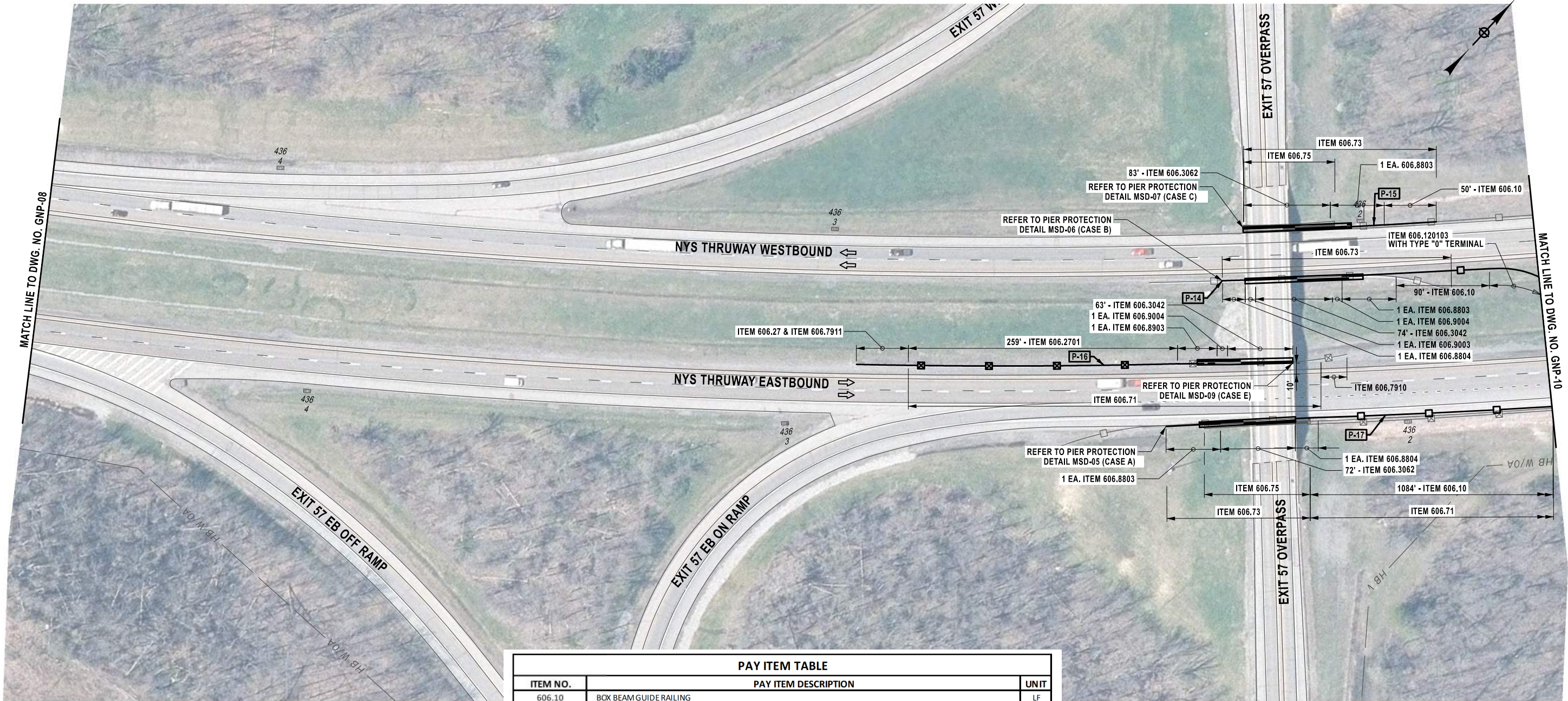
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, 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.

REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-08

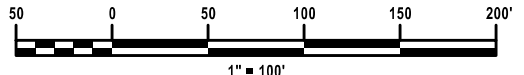
S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:

36  
57



PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.10	BOX BEAM GUIDE RAILING	LF
606.120103	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I WITH 18 FT EXTENSION	EACH
606.27	HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING END TERMINAL (ENERGY-ABSORBING)	EACH
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
606.7910	REMOVING AND DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING AND MEDIAN BARRIER	EACH
606.7911	REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS	EACH
606.8803	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALF SECTION CONCRETE BARRIER (ONE OR TWO WAY OPERATION)	EACH
606.8804	TRANSITION BETWEEN SINGLE SLOPE HALF SECTION CONCRETE BARRIER AND BOX BEAM GUIDE RAIL (ONE-WAY TRAILING END OF BARRIER)	EACH
606.8903	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMGUIDE RAILING TO SINGLE SLOPE CONCRETE HALF SECTION BARRIER	EACH
606.9003	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLE SLOPE CONCRETE BARRIER (LEFT POCKET)	EACH
606.9004	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLE SLOPE CONCRETE BARRIER (RIGHT POCKET)	EACH

- CALLOUT LEGEND:**  
 P-XX → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"
- NOTES:**
- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
  - THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



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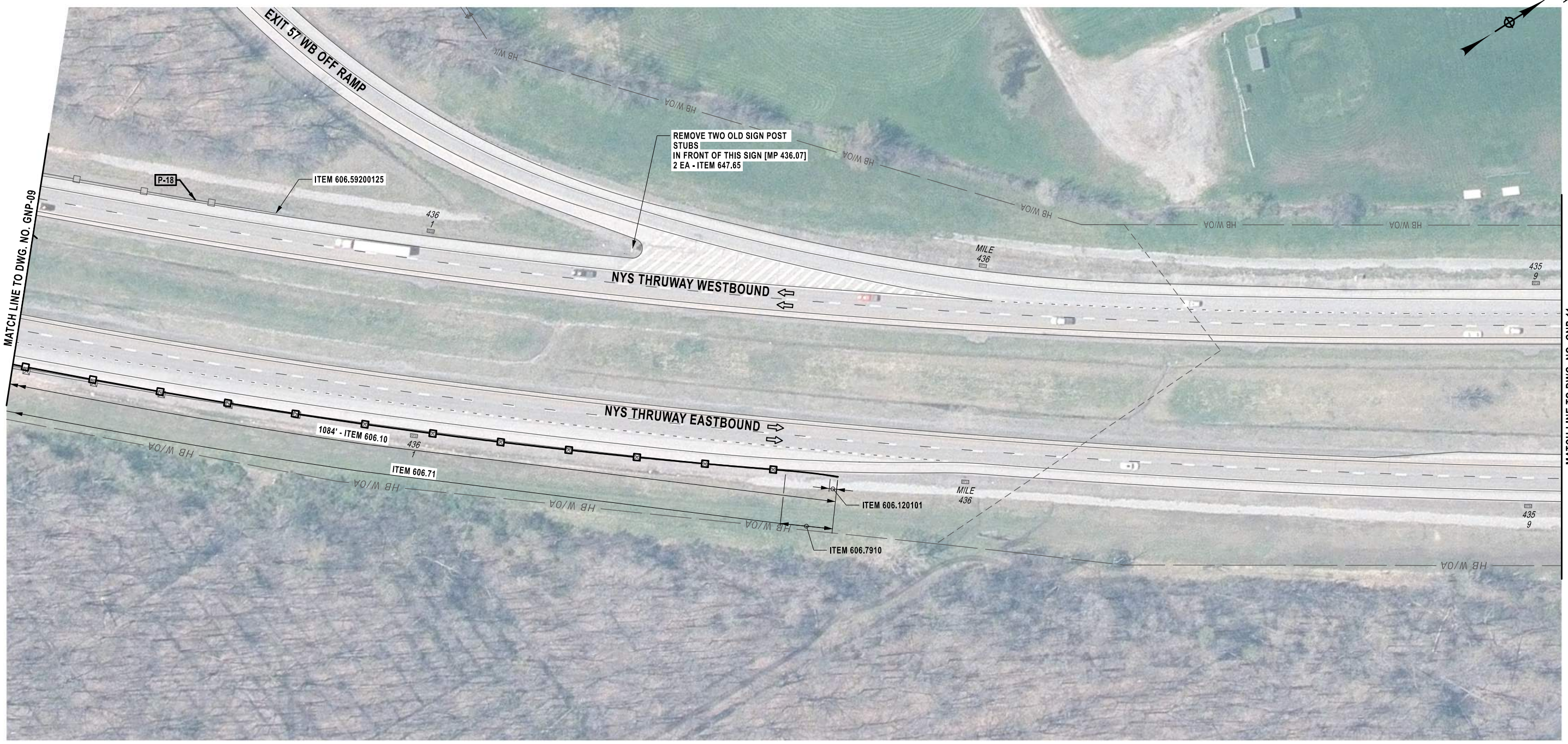
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, 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.

REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-09

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:

37  
57  
GRID NORTH

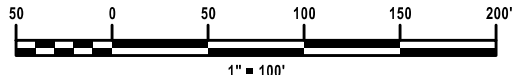


**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:

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.

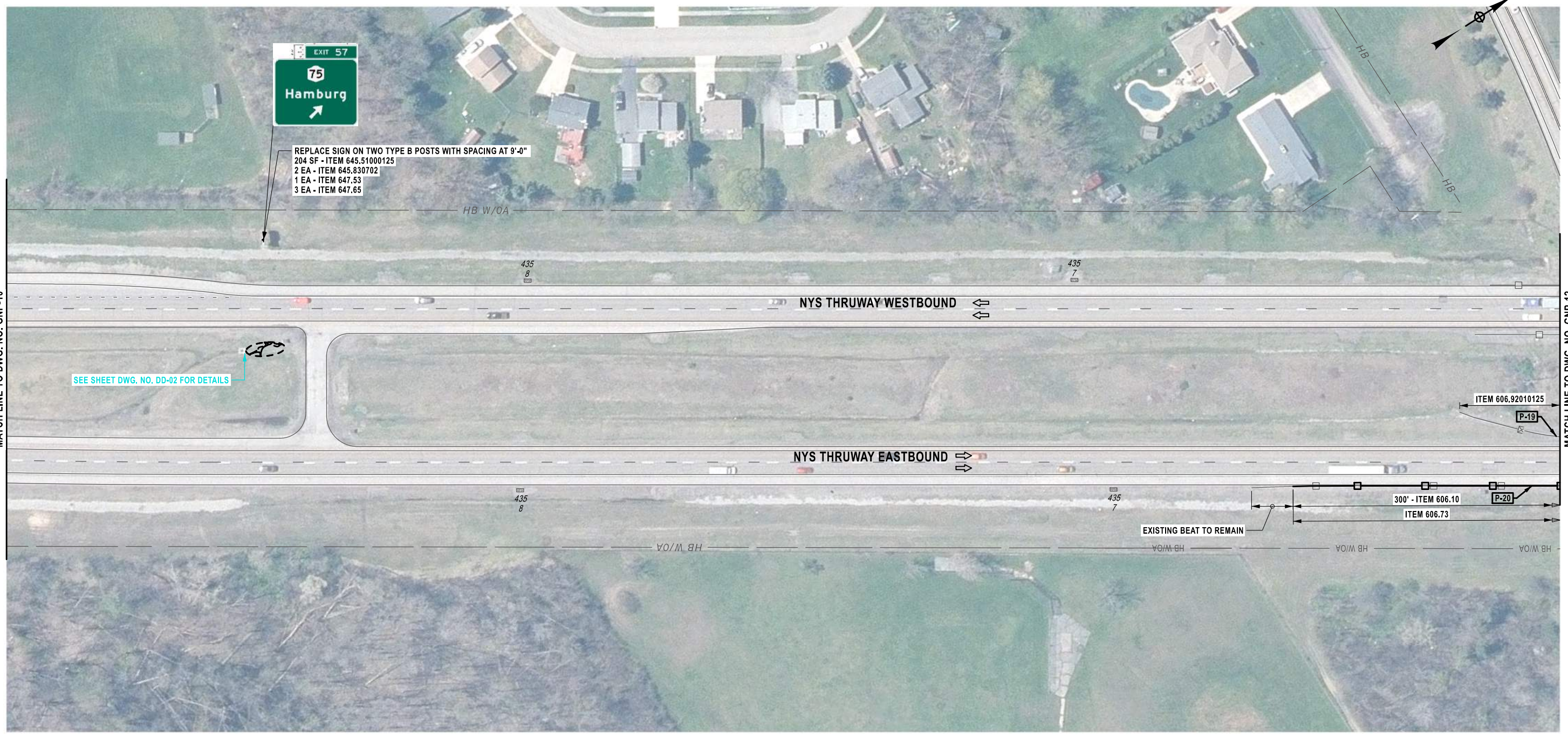
PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.10	BOX BEAM GUIDE RAILING	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.7910	REMOVING AND DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING AND MEDIAN BARRIER	EACH
606.120101	BOX BEAM END PIECE	EACH
606.59200125	RESETTING END TERMINAL FOR HEAVY POST BLOCKED OUT CORRUGATED GUIDE RAIL AND MEDIAN BARRIER	EACH
647.65	REMOVE AND DISPOSE TYPE B GROUND MOUNTED SIGN SUPPORT AND FOUNDATION	EACH

REVISIONS			
DATE	DESCRIPTION	BY	SYML

	<b>Thruway Authority</b>	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
		LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
		TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-10

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:

GRID  
 NORTH  
 38  
 57



MATCH LINE TO DWG. NO. GNP-10

MATCH LINE TO DWG. NO. GNP-12

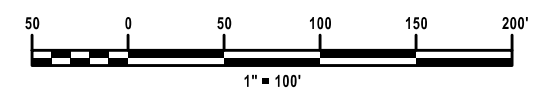
PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
207.21	GEOTEXTILE SEPARATION	SY
603.98100602	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN PIPE - 6 INCH	LF
606.10	BOX BEAM GUIDE RAILING	LF
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY
645.51000125	INSTALL GROUND-MOUNTED SIGN PANELS (AUTHORITY SUPPLIED)	SF
645.830702	TYPE B SIGN POST, GALVANIZED, W12X26 SECTION, BI-DIRECTIONAL BREAKAWAY BASE	EACH
647.33	REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE III (OVER 100 SQUARE FEET)	EACH
647.65	REMOVE AND DISPOSE TYPE B GROUND MOUNTED SIGN SUPPORT AND FOUNDATION	EACH

**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



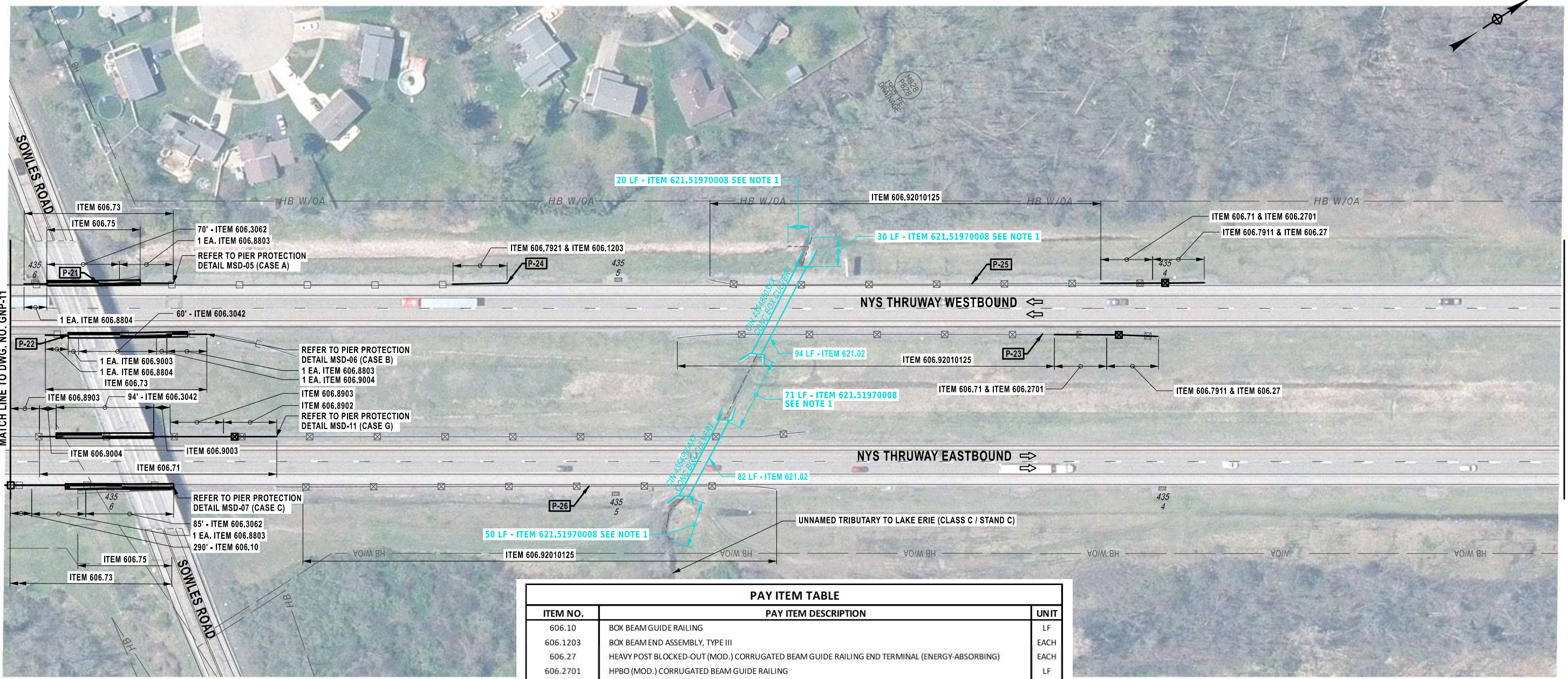
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SIGNATURE: STAMP:	SIGNATURE: STAMP:

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.

REVISIONS			
DATE	DESCRIPTION	BY	SYML

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-11

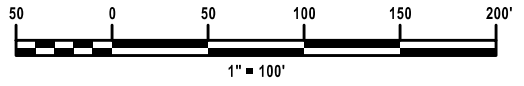
S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



**PAY ITEM TABLE**

ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.10	BOX BEAM GUIDE RAILING	LF
606.1203	BOX BEAM END ASSEMBLY, TYPE III	EACH
606.27	HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING END TERMINAL (ENERGY-ABSORBING)	EACH
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
606.7911	REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS	EACH
606.7921	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING ENERGY ABSORBING TERMINAL	EACH
606.8803	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALF SECTION CONCRETE BARRIER (ONE OR TWO WAY OPERATION)	EACH
606.8804	TRANSITION BETWEEN SINGLE SLOPE HALF SECTION CONCRETE BARRIER AND BOX BEAM GUIDE RAIL (ONE-WAY TRAILING END OF BARRIER)	EACH
606.8902	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAM GUIDE RAILING TO WEAK POST CORRUGATED BEAM GUIDE RAILING	EACH
606.8903	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAM GUIDE RAILING TO SINGLE SLOPE CONCRETE HALF SECTION BARRIER	EACH
606.9003	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLE SLOPE CONCRETE BARRIER (LEFT POCKET)	EACH
606.9004	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLE SLOPE CONCRETE BARRIER (RIGHT POCKET)	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
621.02	CLEANING CULVERTS WITH SPAN OF MORE THAN 50 IN.	LF
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF

**CALLOUT LEGEND:**  
**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"  
**NOTES:**  
 1. FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.  
 2. THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



ALTERED ON:	AFFIXED ON:
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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-12

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



REPLACE SIGN ON TWO TYPE B POSTS WITH SPACING AT 9'-0"  
 224 SF - ITEM 645.51000125  
 2 EA - ITEM 645.830702  
 1 EA - ITEM 647.53  
 3 EA - ITEM 647.65

**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:
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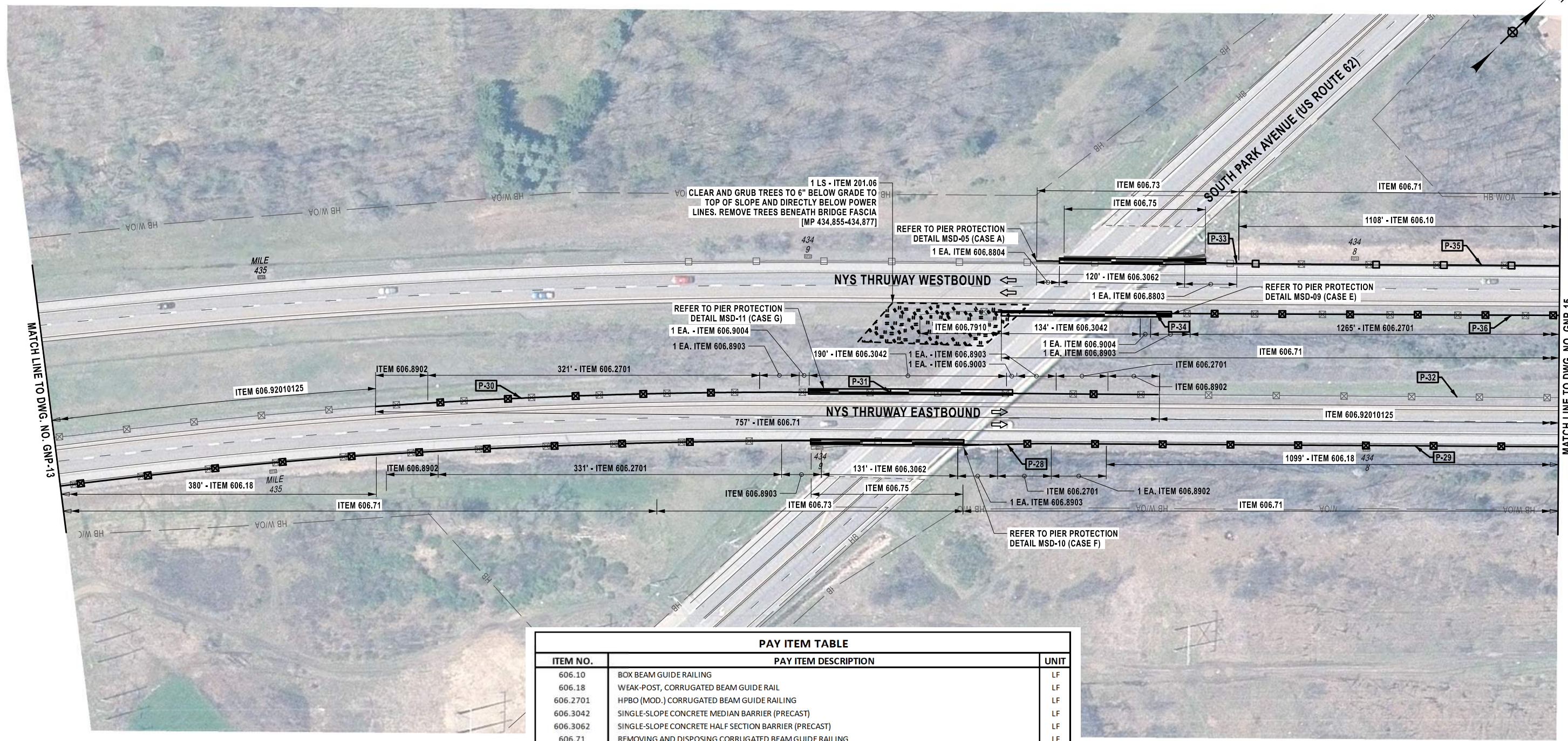
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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.18	WEAK-POST, CORRUGATED BEAM GUIDE RAIL	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
645.51000125	INSTALL GROUND-MOUNTED SIGN PANELS (AUTHORITY SUPPLIED)	SF
645.830702	TYPE B SIGN POST, GALVANIZED, W12X26 SECTION, BI-DIRECTIONAL BREAKAWAY BASE	EACH
647.53	REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE III (OVER 100 SQUARE FEET)	EACH
647.65	REMOVE AND DISPOSE TYPE B GROUND MOUNTED SIGN SUPPORT AND FOUNDATION	EACH

REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-13

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.10	BOX BEAM GUIDE RAILING	LF
606.18	WEAK-POST, CORRUGATED BEAM GUIDE RAIL	LF
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
606.7910	REMOVING AND DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAMGUIDE RAILING AND MEDIAN BARRIER	EACH
606.8803	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALF SECTION CONCRETE BARRIER(ONE OR TWO WAY OPERATION)	EACH
606.8804	TRANSITION BETWEEN SINGLE SLOPE HALF SECTION CONCRETE BARRIER AND BOX BEAM GUIDE RAIL (ONE-WAY TRAILING END OF BARRIER)	EACH
606.8902	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMGUIDE RAILING TO WEAK POST CORRUGATED BEAM GUIDE RAILING	EACH
606.8903	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMGUIDE RAILING TO SINGLE SLOPE CONCRETE HALF SECTION BARRIER	EACH
606.9003	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLESLOPE CONCRETE BARRIER (LEFT POCKET)	EACH
606.9004	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLESLOPE CONCRETE BARRIER (RIGHT POCKET)	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH

**CALLOUT LEGEND:**  
 P-XX → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.
- INSURE STUMPS ARE FLUSH OR BELOW GRADE.

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

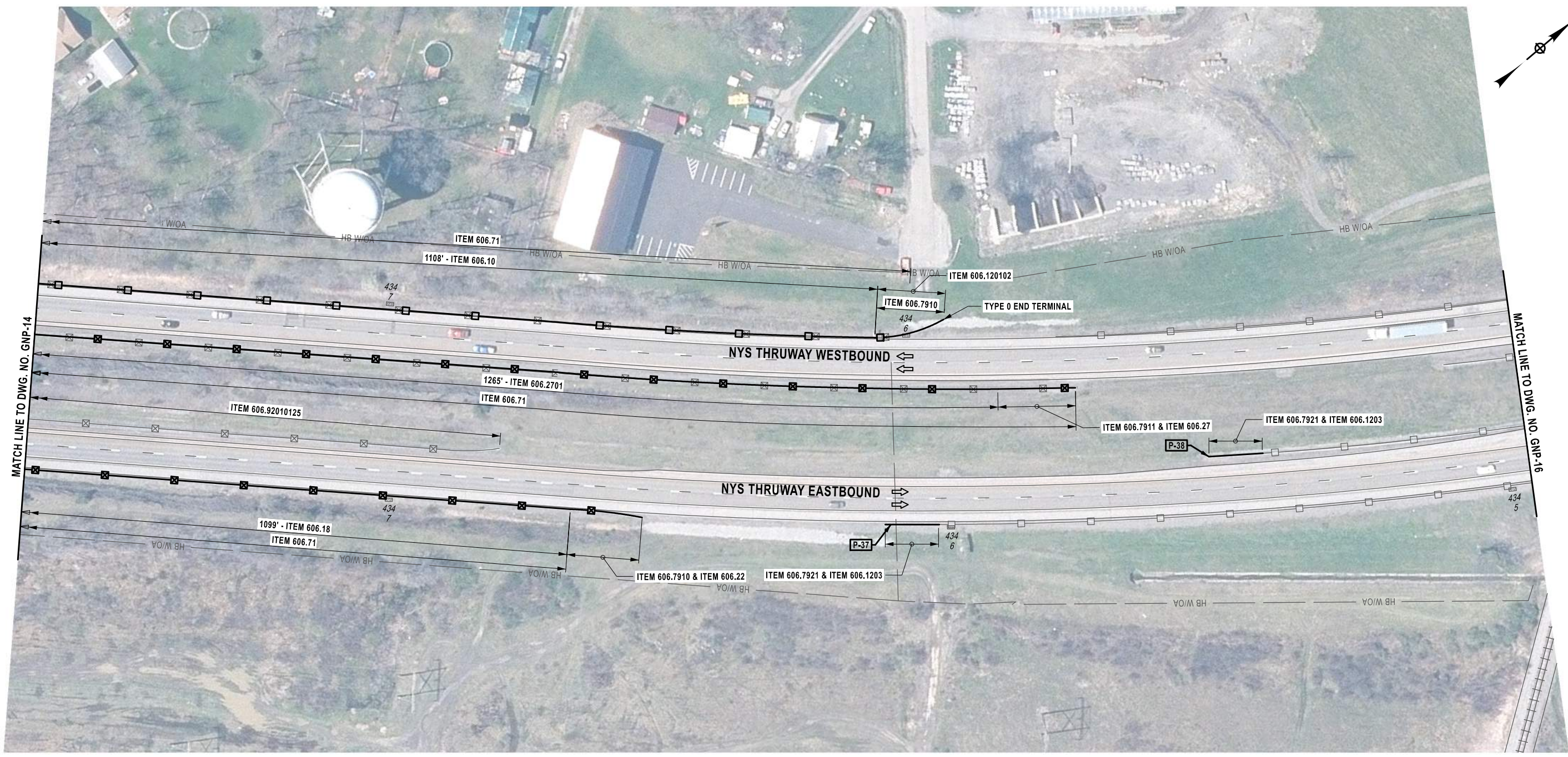
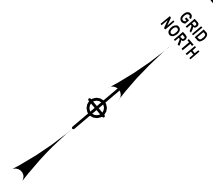
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, 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.

REVISIONS			
DATE	DESCRIPTION	BY	SYML

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-14

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:

42  
57



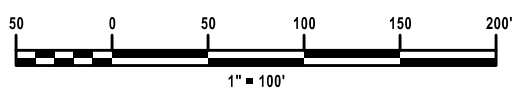
PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.10	BOX BEAM GUIDE RAILING	LF
606.120102	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE 1	EACH
606.1203	BOX BEAM END ASSEMBLY, TYPE 3	EACH
606.18	WEAK-POST, CORRUGATED BEAM GUIDE RAIL	LF
606.22	ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING	EACH
606.27	HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING END TERMINAL (ENERGY-ABSORBING)	EACH
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.7910	REMOVING AND DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING AND MEDIAN BARRIER	EACH
606.7911	REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS	EACH
606.7921	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING ENERGY ABSORBING TERMINAL	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH

**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



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SIGNATURE: STAMP:	SIGNATURE: STAMP:

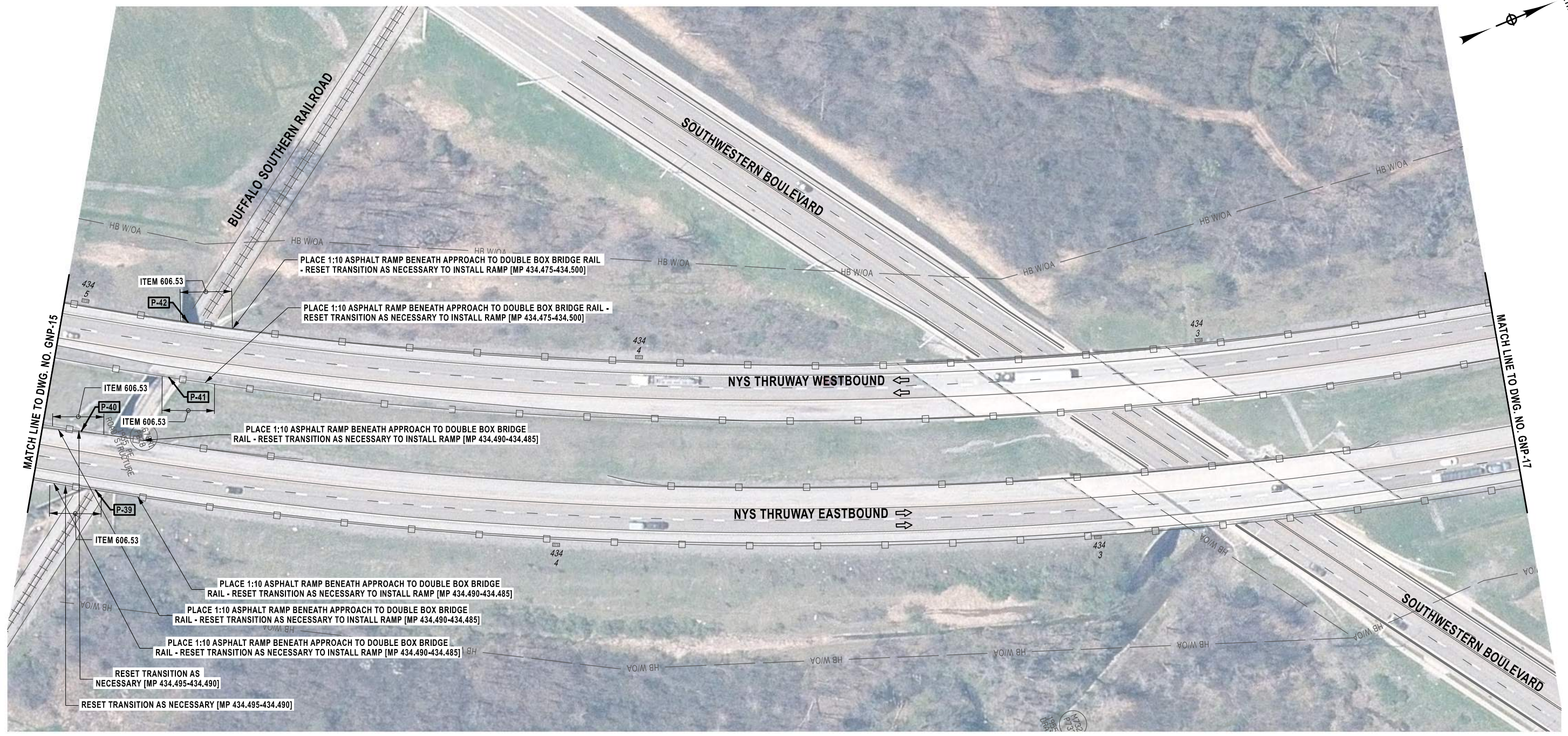
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-15

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:

43  
57

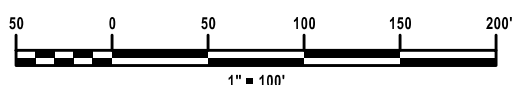


**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

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ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:
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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.53	RESETTING BOX BEAM GUIDE RAILING	LF
608.020102	ASPHALT SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON

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.

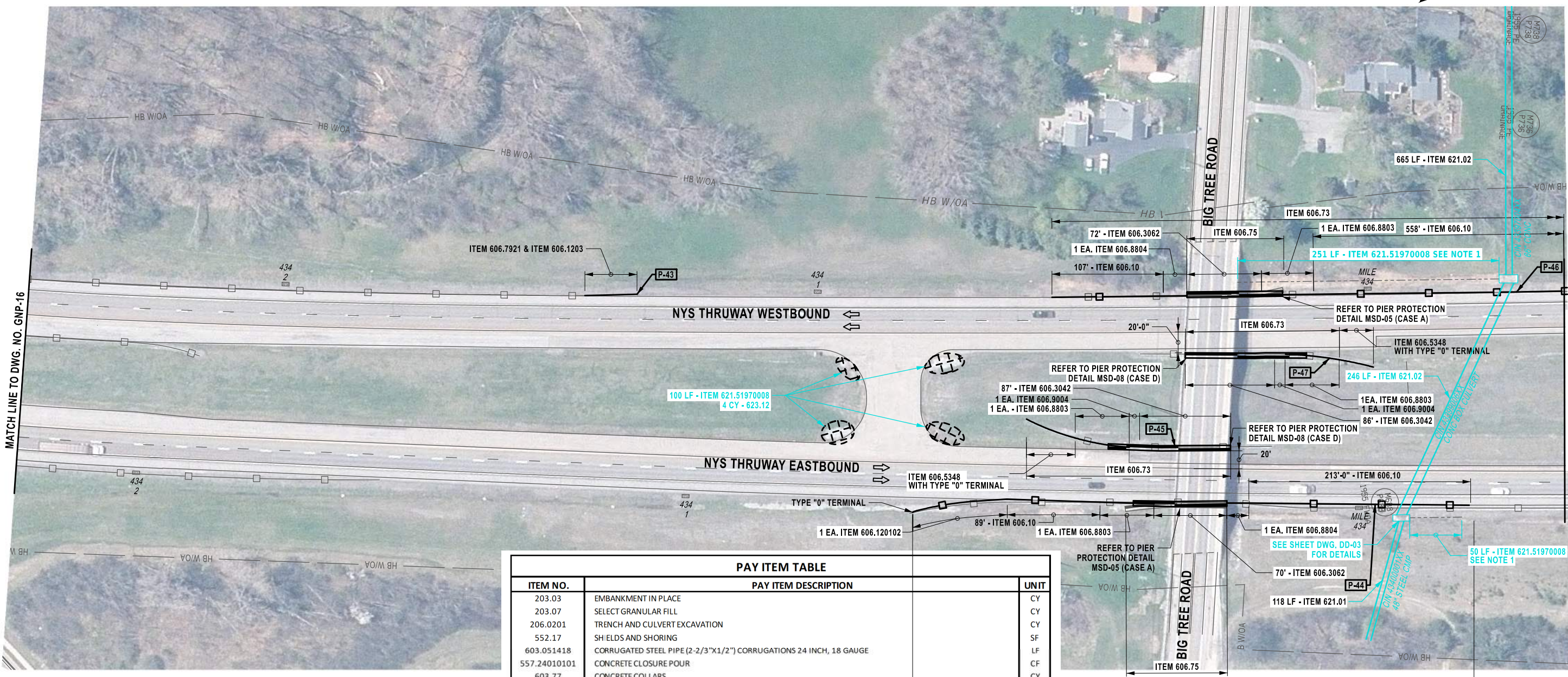
REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL



TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-16

S. MARKLE  
 Q. ROTOLI  
 R. BENNETT  
 Q. ROTOLI  
 R. BENNETT  
 Q. ROTOLI  
 R. BENNETT  
 Q. ROTOLI

44  
57

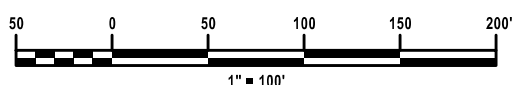


PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
203.03	EMBANKMENT IN PLACE	CY
203.07	SELECT GRANULAR FILL	CY
206.0201	TRENCH AND CULVERT EXCAVATION	CY
552.17	SHIELDS AND SHORING	SF
603.051418	CORRUGATED STEEL PIPE (2-2/3"X1/2") CORRUGATIONS 24 INCH, 18 GAUGE	LF
557.24010101	CONCRETE CLOSURE POUR	CF
603.77	CONCRETE COLLARS	CY
603.97000002	SAWCUTTING CULVERT PIPE	EACH
606.10	BOX BEAM GUIDE RAILING	LF
606.120102	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I	EACH
606.1203	BOX BEAM END ASSEMBLY, TYPE III	EACH
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
606.5348	RESETTING BOX BEAM GUIDE RAILING (NEW POSTS)	LF
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
606.7921	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING ENERGY ABSORBING TERMINAL	EACH
606.8803	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALF SECTION CONCRETE BARRIER(ONE OR TWO WAY OPERATION)	EACH
606.8804	TRANSITION BETWEEN SINGLE SLOPE HALF SECTION CONCRETE BARRIER AND BOX BEAM GUIDE RAIL (ONE-WAY TRAILING END OF BARRIER)	EACH
606.9004	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLESLOPE CONCRETE BARRIER (RIGHT POCKET)	EACH
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY
621.01	CLEANING CULVERTS WITH SPAN OF 50 IN. OR LESS	LF
621.02	CLEANING CULVERTS WITH SPAN OF MORE THAN 50 IN.	LF
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF
623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY

**CALLOUT LEGEND:**  
 P-XX → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

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- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



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SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-17

DESIGN SUPERVISOR: R. BENNETT  
 DESIGNED BY: Q. ROTOLI  
 CHECKED BY: R. BENNETT  
 DRAFTED BY: Q. ROTOLI  
 CHECKED BY: S. MARKLE  
 Q. ROTOLI  
 S. MARKLE



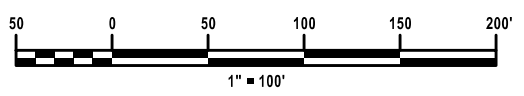
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PAY ITEM TABLE			
ITEM NO.	PAY ITEM DESCRIPTION	UNIT	
606.10	BOX BEAM GUIDE RAILING	LF	
606.120102	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I	EACH	
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF	
606.7921	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING ENERGY ABSORBING TERMINAL	EACH	
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH	

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REVISIONS			
DATE	DESCRIPTION	BY	SYML

- NOTES:**
1. FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
  2. THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">TITLE OF PROJECT</td> <td style="text-align: center;">SAFETY, DRAINAGE AND MISC. WORK</td> <td style="font-size: small;">CONTRACT NUMBER:</td> <td style="text-align: center;">TAB 26-7</td> </tr> <tr> <td style="font-size: small;">LOCATION OF PROJECT</td> <td style="text-align: center;">BUFFALO DIVISION</td> <td style="font-size: small;">DATE:</td> <td style="text-align: center;">1/7/2026</td> </tr> <tr> <td style="font-size: small;">TITLE OF DRAWING</td> <td style="text-align: center;">GENERAL PLAN</td> <td style="font-size: small;">DRAWING NUMBER:</td> <td style="text-align: center;">GNP-18</td> </tr> </table>	TITLE OF PROJECT	SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER:	TAB 26-7	LOCATION OF PROJECT	BUFFALO DIVISION	DATE:	1/7/2026	TITLE OF DRAWING	GENERAL PLAN	DRAWING NUMBER:	GNP-18
TITLE OF PROJECT	SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER:	TAB 26-7											
LOCATION OF PROJECT	BUFFALO DIVISION	DATE:	1/7/2026											
TITLE OF DRAWING	GENERAL PLAN	DRAWING NUMBER:	GNP-18											

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



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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.

PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
203.03	EMBANKMENT IN PLACE	CY
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.7101	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.8902	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMGUIDE RAILING TO WEAK POST CORRUGATED BEAM GUIDE RAILING	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
610.1402	TOPSOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY

REVISIONS			
DATE	DESCRIPTION	BY	SYL

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Powered by partnership.

TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-19

**CALLOUT LEGEND:**  
**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.

DESIGNED BY: R. BENNETT  
 CHECKED BY: Q. ROTOLI  
 DRAFTED BY: R. BENNETT  
 CHECKED BY: Q. ROTOLI  
 S. MARKLE  
 Q. ROTOLI  
 CHECKED BY: R. BENNETT  
 DRAFTED BY: Q. ROTOLI  
 CHECKED BY: S. MARKLE



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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
203.03	EMBANKMENT IN PLACE	CY
606.27	HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING END TERMINAL (ENERGY-ABSORBING)	EACH
606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.7101	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.7911	REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS	EACH
610.1402	TOP SOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY

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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

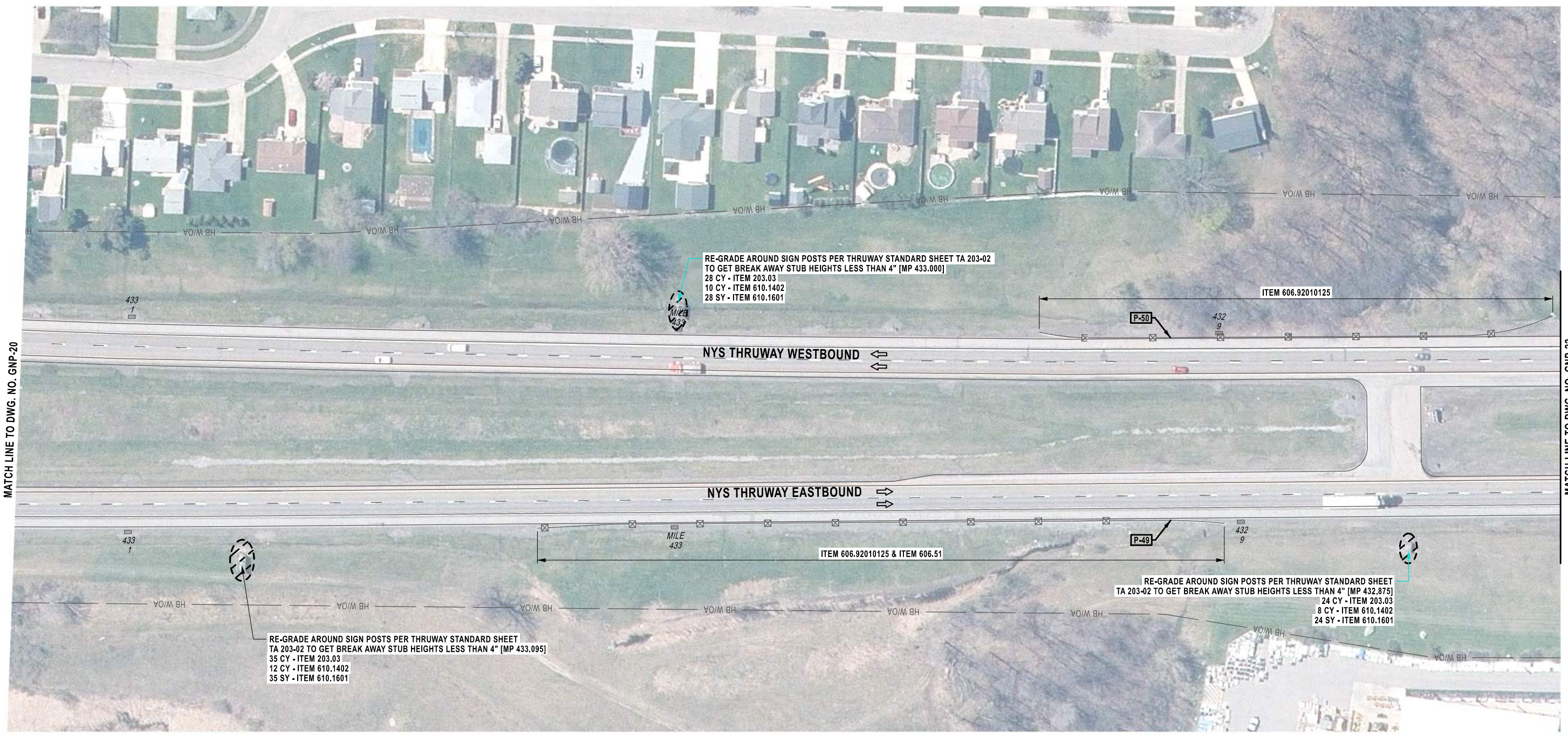
**LaBella**  
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TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-20

**NOTES:**

- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.

DESIGN SUPERVISOR: R. BENNETT  
DESIGNED BY: Q. ROTOLI  
CHECKED BY: R. BENNETT  
DRAFTED BY: Q. ROTOLI  
CHECKED BY: S. MARKLE



RE-GRADE AROUND SIGN POSTS PER THRUWAY STANDARD SHEET TA 203-02 TO GET BREAK AWAY STUB HEIGHTS LESS THAN 4" [MP 433.095]  
35 CY - ITEM 203.03  
12 CY - ITEM 610.1402  
35 SY - ITEM 610.1601

RE-GRADE AROUND SIGN POSTS PER THRUWAY STANDARD SHEET TA 203-02 TO GET BREAK AWAY STUB HEIGHTS LESS THAN 4" [MP 433.000]  
28 CY - ITEM 203.03  
10 CY - ITEM 610.1402  
28 SY - ITEM 610.1601

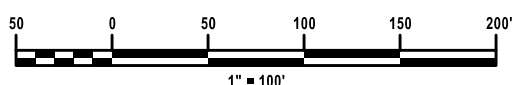
RE-GRADE AROUND SIGN POSTS PER THRUWAY STANDARD SHEET TA 203-02 TO GET BREAK AWAY STUB HEIGHTS LESS THAN 4" [MP 432.875]  
24 CY - ITEM 203.03  
8 CY - ITEM 610.1402  
24 SY - ITEM 610.1601

**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

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- THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THAT SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



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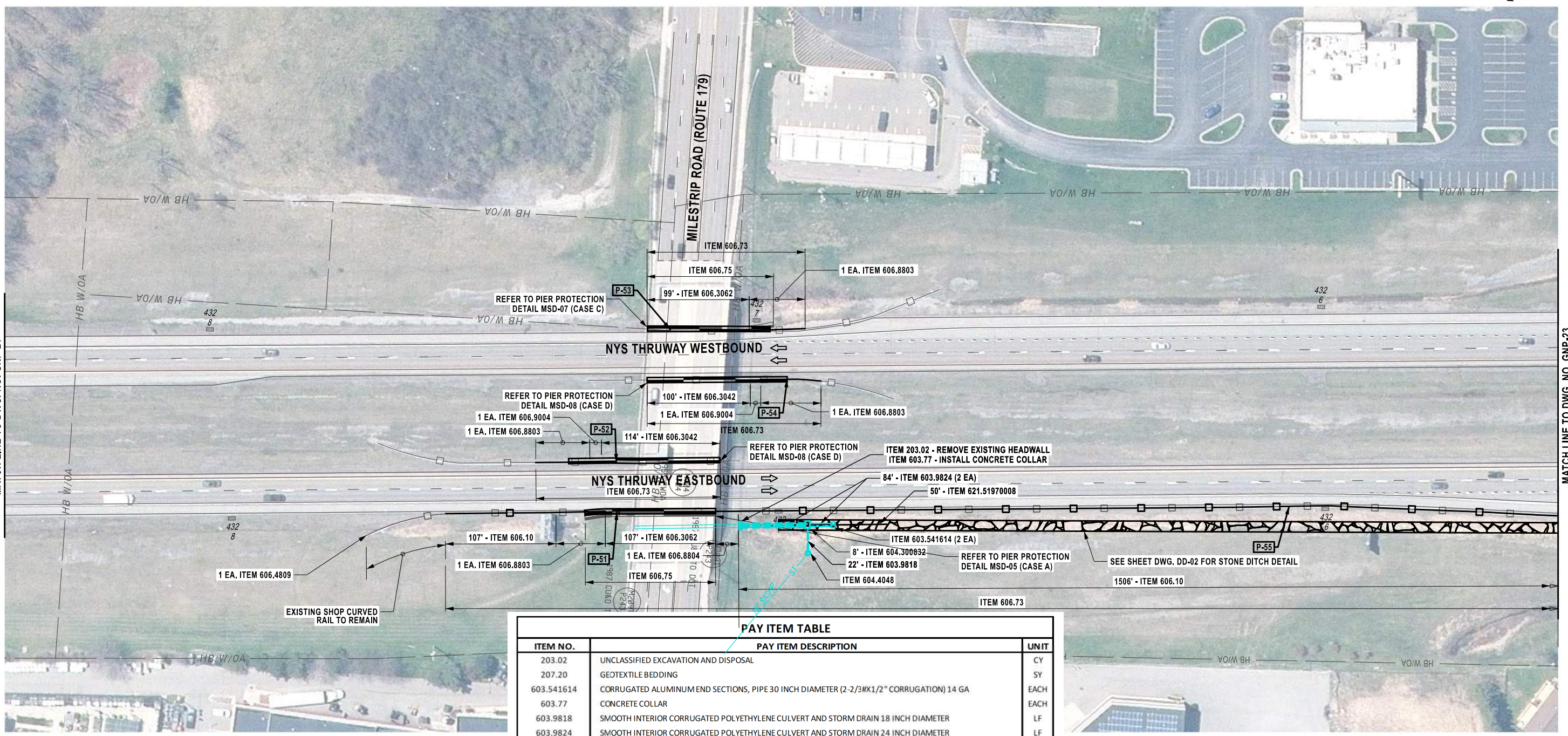
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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
203.03	EMBANKMENT IN PLACE	CY
606.51	RESETTING CORRUGATED BEAM GUIDE RAILING	LF
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
610.1402	TOPSOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY

REVISIONS			
DATE	DESCRIPTION	BY	SYL

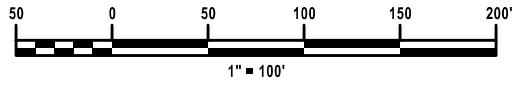
	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-21

S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



ITEM NO.	PAY ITEM DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
207.20	GEOTEXTILE BEDDING	SY
603.541614	CORRUGATED ALUMINUM END SECTIONS, PIPE 30 INCH DIAMETER (2-2/3#X1/2" CORRUGATION) 14 GA	EACH
603.77	CONCRETE COLLAR	EACH
603.9818	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18 INCH DIAMETER	LF
603.9824	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 INCH DIAMETER	LF
604.300832	RECTANGULAR DRAINAGE STRUCTURE TYPE H FOR ROUND MANHOLE FRAME	LF
604.4048	ROUND PRECAST CONCRETE MANHOLE TYPE 48	LF
606.10	BOX BEAM GUIDE RAILING	LF
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
606.4809	I-BEAM POSTS FOR EXISTING BOX BEAM GUIDE RAILING	EACH
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
606.8803	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALF SECTION CONCRETE BARRIER(ONE OR TWO WAY OPERATION)	EACH
606.8804	TRANSITION BETWEEN SINGLE SLOPE HALF SECTION CONCRETE BARRIER AND BOX BEAM GUIDE RAIL (ONE-WAY TRAILING END OF BARRIER)	EACH
606.9004	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLESLOPE CONCRETE BARRIER (RIGHT POCKET)	EACH
620.03	STONE FILLING (LIGHT)	CY
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF

- CALLOUT LEGEND:**  
**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"
- NOTES:**
- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
  - THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



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SIGNATURE: STAMP:	SIGNATURE: STAMP:

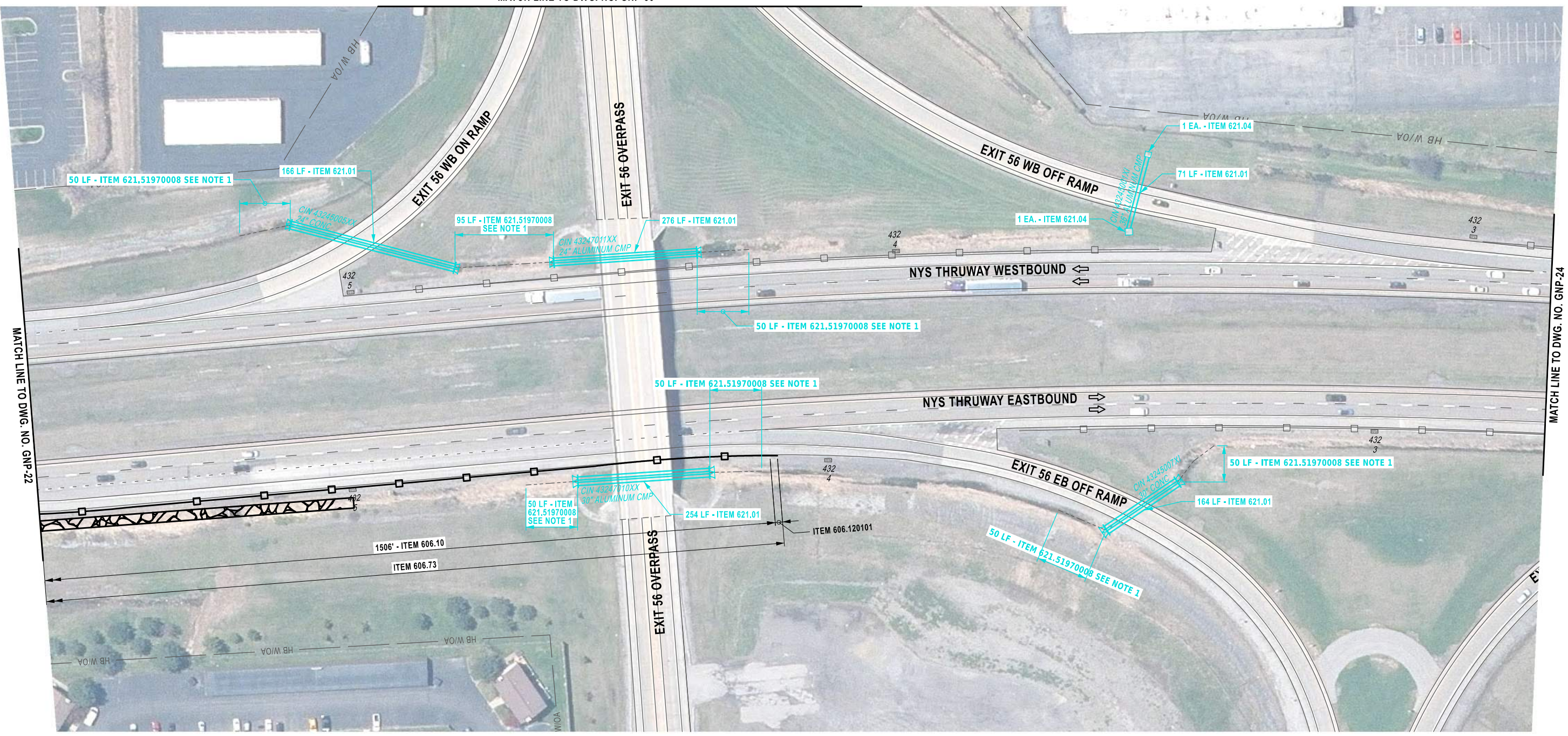
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, 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.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-22

S. MARKLE  
 Q. ROTOLI  
 R. BENNETT  
 Q. ROTOLI  
 R. BENNETT

MATCH LINE TO DWG. NO. GNP-30



MATCH LINE TO DWG. NO. GNP-22

MATCH LINE TO DWG. NO. GNP-24

ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:
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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.

PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.10	BOX BEAM GUIDE RAILING	LF
606.120101	BOX BEAM END PIECE	EACH
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
621.01	CLEANING CULVERTS WITH SPAN OF 50 IN. OR LESS	LF
621.04	CLEANING DRAINAGE STRUCTURES	EACH
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF

REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-23

**NOTES:**

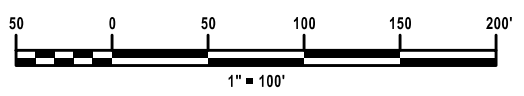
1. FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
2. THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



DESIGNED BY: R. BENNETT  
 CHECKED BY: Q. ROTOLI  
 DRAFTED BY: R. BENNETT  
 CHECKED BY: Q. ROTOLI  
 S. MARKLE



- NOTES:**
- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
  - THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:
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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
647.33	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE III (OVER 100 SQUARE FEET)	EACH
647.65	REMOVE AND DISPOSE TYPE B GROUND MOUNTED SIGN SUPPORT AND FOUNDATION	EACH

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	<b>Thruway Authority</b>	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
		LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
Powered by partnership.		TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-25

DESIGNED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI  
DRAFTED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI  
S. MARKLE



ALTERED ON:  SIGNATURE: STAMP:	AFFIXED ON:  SIGNATURE: STAMP:
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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.

PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.18	WEAK-POST, CORRUGATED BEAM GUIDE RAIL	LF
606.2801	HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
606.2802	ANCHORAGE UNITS FOR HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	EACH
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.7201	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
606.7911	REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
621.5105-25	GRADING MAINTENANCE, CLEANING, TRIMMING & RESHAPING EXISTING ROADSIDE SECTION	LF
645.830702	TYPE B SIGN POST, GALVANIZED, W12X26 SECTION, BI-DIRECTIONAL BREAKAWAY BASE	EACH
647.33	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE III (OVER 100 SQUARE FEET)	EACH

REVISIONS			
DATE	DESCRIPTION	BY	SYM.

Powered by partnership.

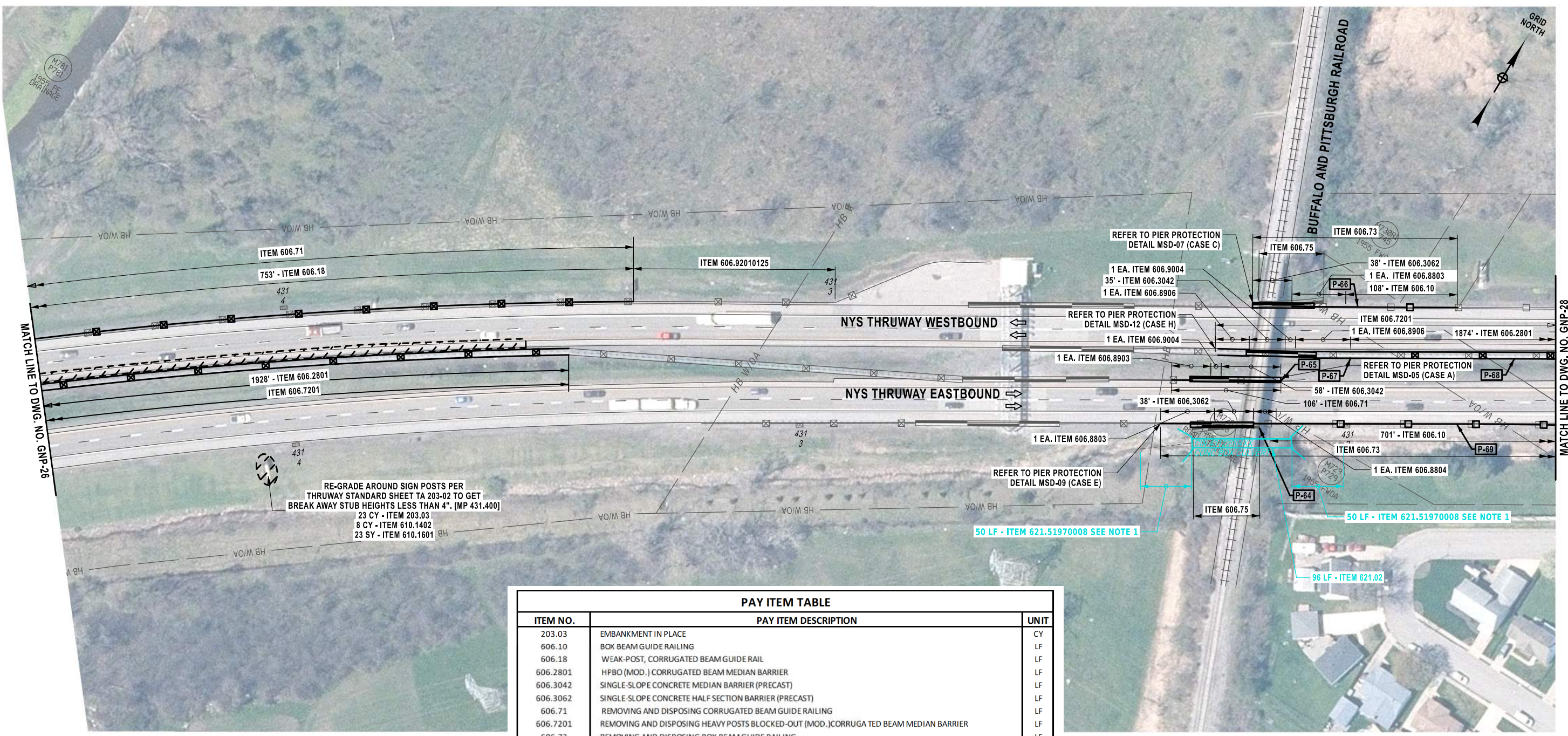
TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-26

**CALLOUT LEGEND:**  
**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

1. FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
2. THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.

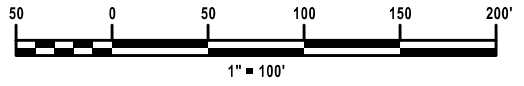
S. MARKLE  
 CHECKED BY:  
 Q. ROTOLI  
 DRAFTED BY:  
 R. BENNETT  
 CHECKED BY:  
 Q. ROTOLI  
 DESIGNED BY:  
 R. BENNETT  
 DESIGN SUPERVISOR:



RE-GRADE AROUND SIGN POSTS PER THRUWAY STANDARD SHEET TA 203-02 TO GET BREAK AWAY STUB HEIGHTS LESS THAN 4". [MP 431.400]  
 23 CY - ITEM 203.03  
 8 CY - ITEM 610.1402  
 23 SY - ITEM 610.1601

PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
203.03	EMBANKMENT IN PLACE	CY
606.10	BOX BEAM GUIDE RAILING	LF
606.18	WEAK POST, CORRUGATED BEAM GUIDE RAIL	LF
606.2801	HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF
606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
606.7201	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
606.8803	TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALF SECTION CONCRETE BARRIER (ONE OR TWO WAY OPERATION)	EACH
606.8804	TRANSITION BETWEEN SINGLE SLOPE HALF SECTION CONCRETE BARRIER AND BOX BEAM GUIDE RAIL (ONE-WAY TRAILING END OF BARRIER)	EACH
606.8903	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAM GUIDE RAILING TO SINGLE SLOPE CONCRETE HALF SECTION BARRIER	EACH
606.8906	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAM MEDIAN BARRIER TO SINGLE SLOPE CONCRETE MEDIAN BARRIER	EACH
606.9004	TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLE-SLOPE CONCRETE BARRIER (RIGHT POCKET)	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
610.1402	TOPSOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY
621.02	CLEANING CULVERTS WITH SPAN OF MORE THAN 50 IN.	LF
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF

- CALLOUT LEGEND:**  
 P-XX → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"
- NOTES:**
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  - THE CONTRACTOR SHALL NOT REMOVE MORE GUIDERAIL THAN WHAT CAN BE REPLACED IN THE SAME DAY. DO NOT LEAVE GUIDERAIL REMOVED FOR PROLONGED PERIODS OF TIME.



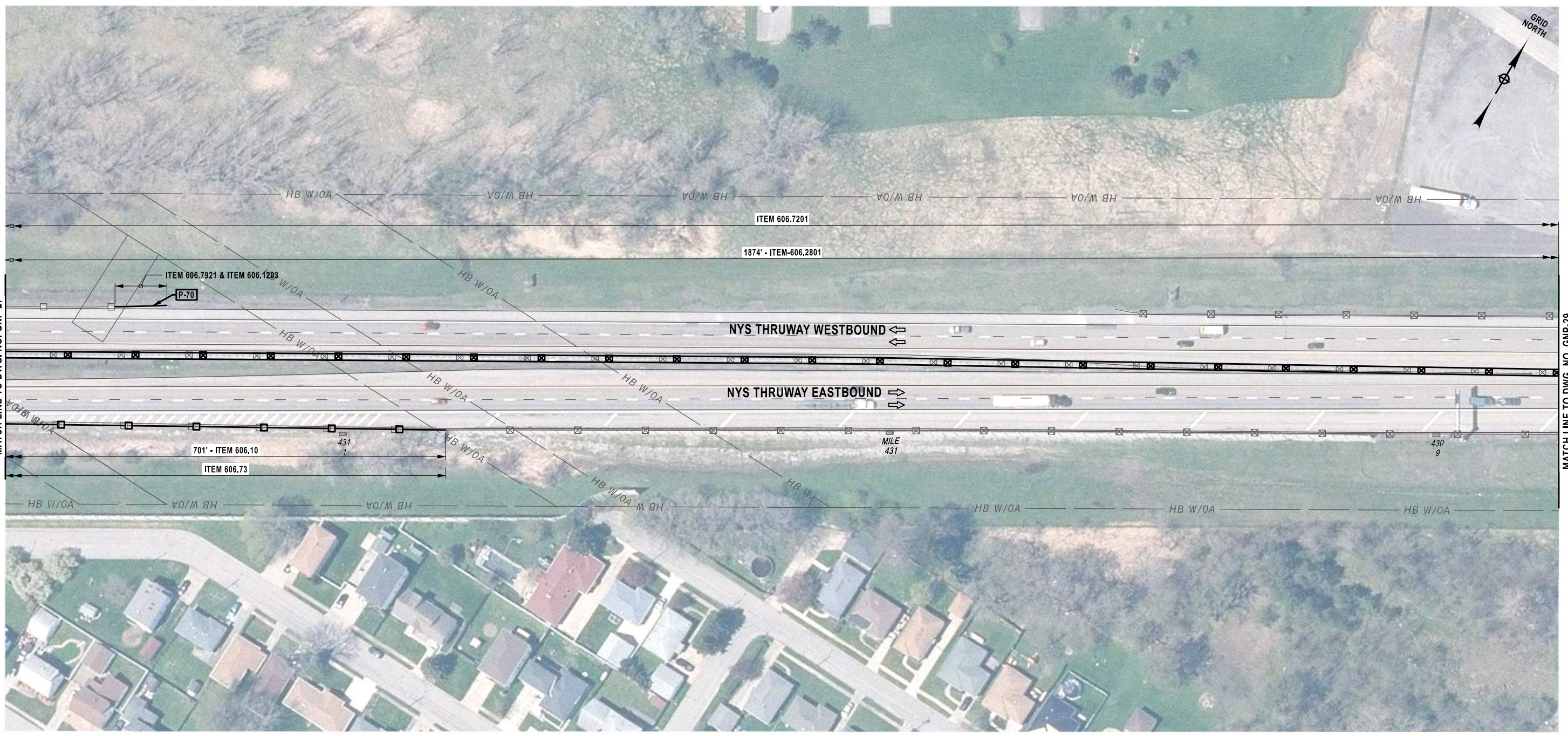
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL 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.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
	LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
	TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-27

DESIGNED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI  
DRAFTED BY: R. BENNETT  
CHECKED BY: Q. ROTOLI  
S. MARKLE

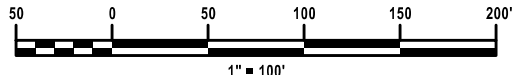


**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.10	BOX BEAM GUIDE RAILING	LF
606.1203	BOX BEAM END ASSEMBLY, TYPE 3	EACH
606.2801	HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
606.7201	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
606.7921	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING ENERGY ABSORBING TERMINAL	EACH
606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF

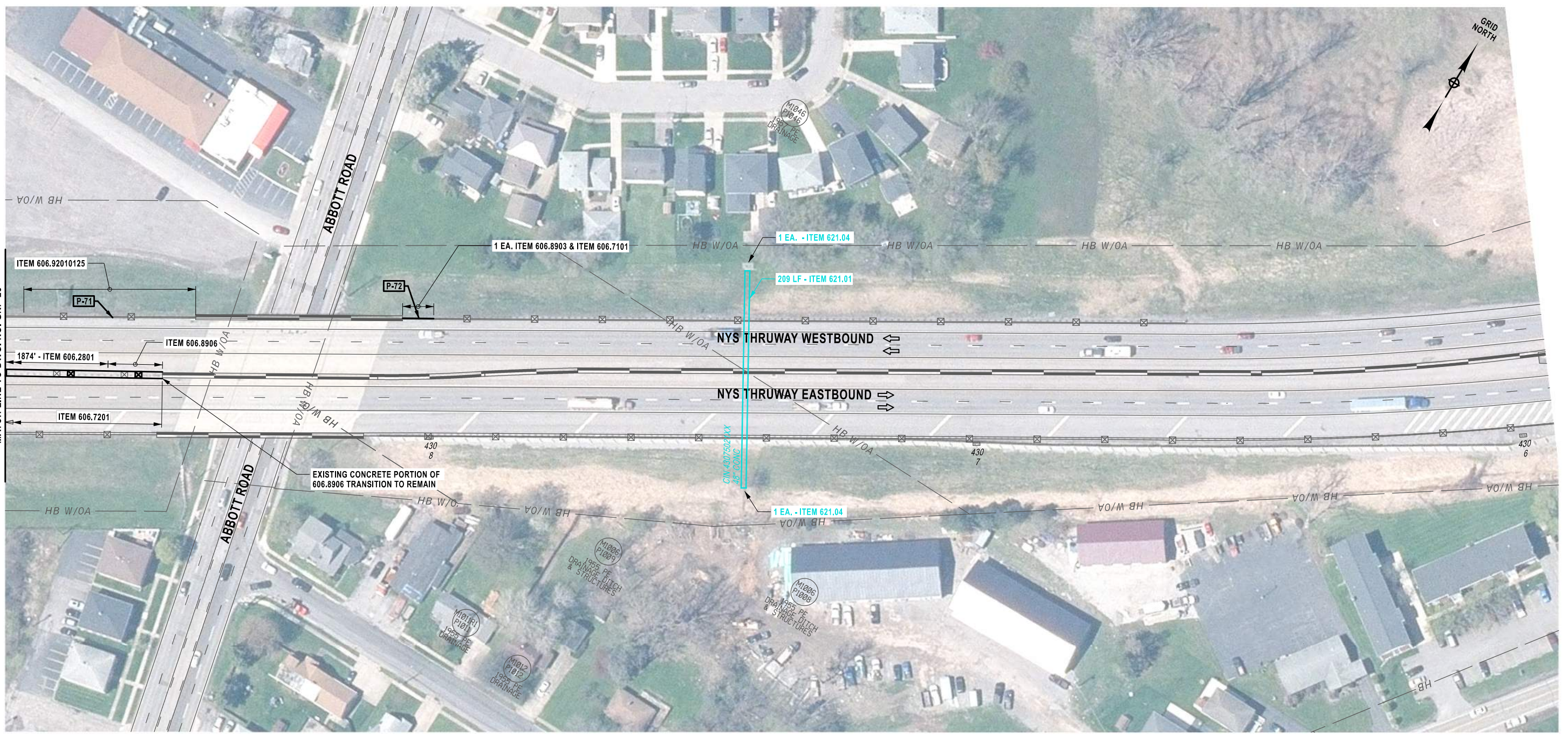
REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL



TITLE OF PROJECT  
SAFETY, DRAINAGE AND MISC. WORK  
LOCATION OF PROJECT  
BUFFALO DIVISION  
TITLE OF DRAWING  
GENERAL PLAN

CONTRACT NUMBER:  
TAB 26-7  
DATE:  
1/7/2026  
DRAWING NUMBER:  
GNP-28

S. MARKLE  
 Q. ROTOLI  
 R. BENNETT  
 Q. ROTOLI  
 R. BENNETT  
 Q. ROTOLI  
 R. BENNETT



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 SIGNATURE:  
 STAMP:

AFFIXED ON:  
 SIGNATURE:  
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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
606.2801	HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
606.7101	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
606.7201	REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
606.8903	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMGUIDE RAILING TO SINGLE SLOPE CONCRETE HALF SECTION BARRIER	EACH
606.8906	TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED BEAMMEDIAN BARRIER TO SINGLE SLOPE CONCRETE MEDIAN BARRIER	EACH
606.92010125	REPLACE GUIDE RAIL SPLICE BOLTS	EACH
621.01	CLEANING CULVERTS WITH SPAN OF 50 IN. OR LESS	LF
621.04	CLEANING DRAINAGE STRUCTURES	EACH

REVISIONS			
DATE	DESCRIPTION	BY	SYML

TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-29

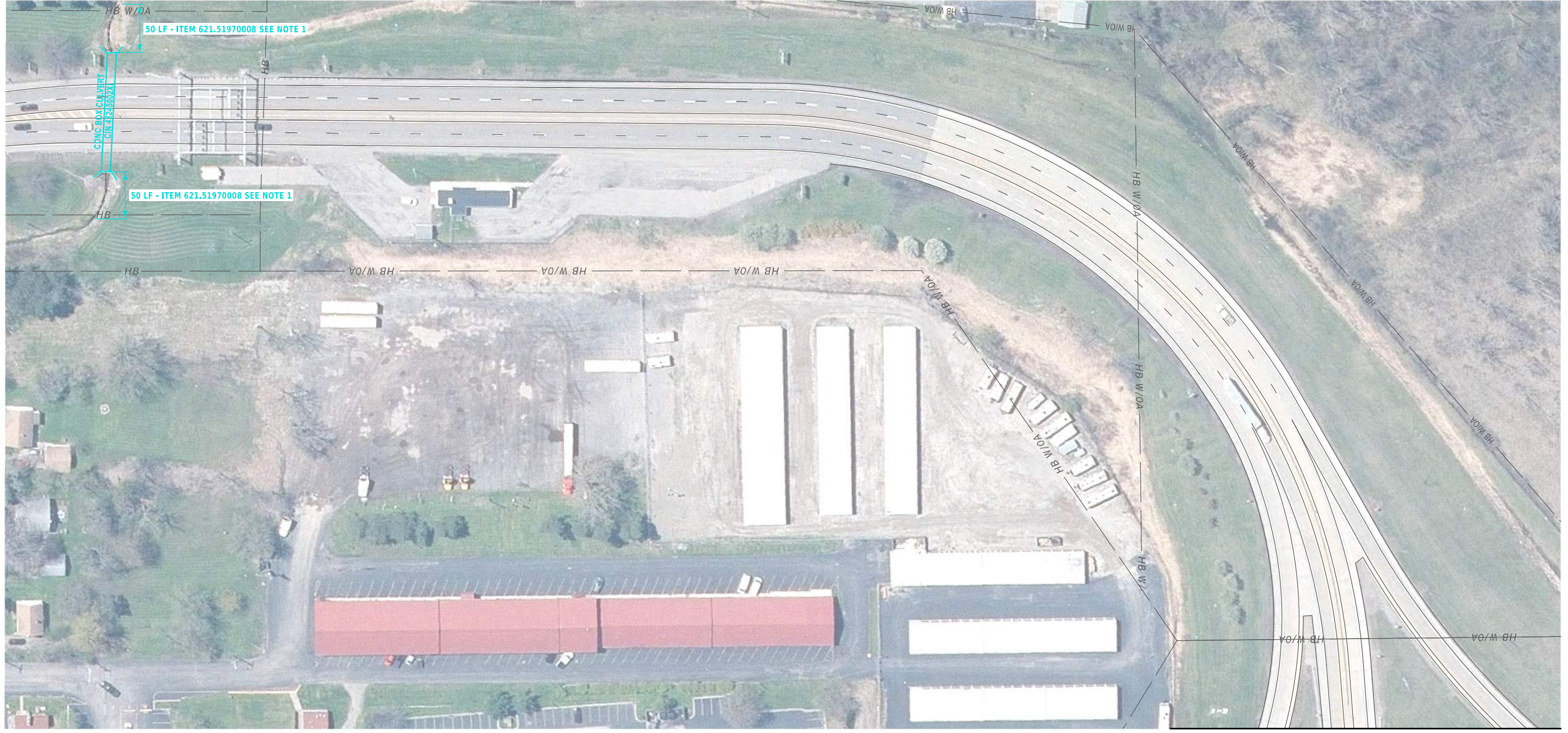
**CALLOUT LEGEND:**

**P-XX** → PROPOSED GUIDE RAIL OR BARRIER RUN, NO. "XX"

**NOTES:**

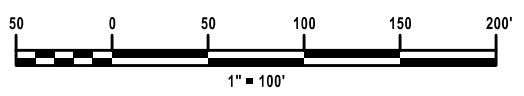
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DESIGN SUPERVISOR: R. BENNETT  
 DESIGNED BY: Q. ROTOLI  
 CHECKED BY: R. BENNETT  
 DRAFTED BY: Q. ROTOLI  
 CHECKED BY: Q. ROTOLI  
 S. MARKLE



MATCH LINE TO DWG. NO. GNP-23

- NOTES:**
- FOR DETAILS SEE CLEANING AND RESHAPING DETAILS ON DWG DD-01.
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PAY ITEM TABLE		
ITEM NO.	PAY ITEM DESCRIPTION	UNIT
621.51970008	GRADING, CLEANING AND RESHAPING EXISTING CHANNELS, DITCHES AND STREAMBEDS	LF

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REVISIONS			
DATE	DESCRIPTION	BY	SYML



TITLE OF PROJECT SAFETY, DRAINAGE AND MISC. WORK	CONTRACT NUMBER: TAB 26-7
LOCATION OF PROJECT BUFFALO DIVISION	DATE: 1/7/2026
TITLE OF DRAWING GENERAL PLAN	DRAWING NUMBER: GNP-30