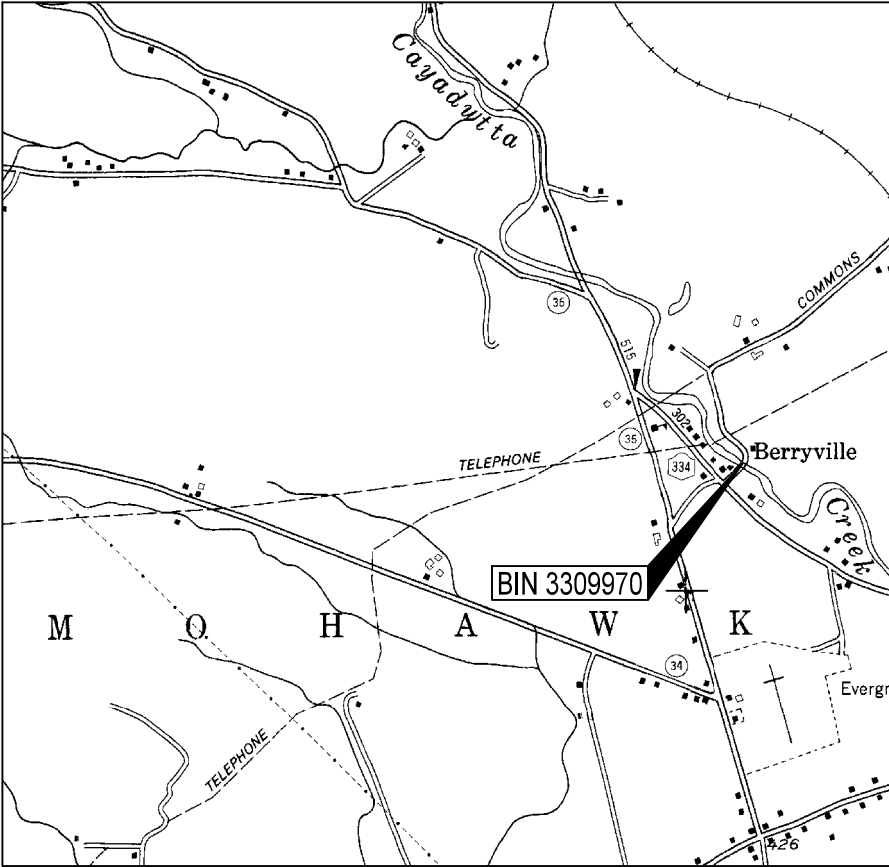


BRIDGE REPLACEMENT PLANS FOR
COMMONS ROAD BRIDGE OVER THE CAYADUTTA CREEK - BIN 3309970

TOWN OF MOHAWK
COUNTY OF MONTGOMERY, NEW YORK
FEBRUARY 2023
RFP 06-23



PROJECT LOCATION MAP

PREPARED FOR



MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORK
ERIC M. MEAD
COMMISSIONER OF PUBLIC WORKS



EDWIN K. TWISS, JR., P.E. NO. 080650

PREPARED BY

AECOM

40 BRITISH AMERICAN BLVD
LATHAM, NEW YORK 12110

- THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
- FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
- FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
- 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).
- 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.
- FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
RFP 06-23

LEGEND
(1 OF 2)

DRAWING NO. LEG-1
SHEET NO. 3

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.

AECOM

MONTGOMERY
COUNTY NY

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

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	
	ACOGO	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	
	ADPI.P	DETOUR, POINT OF INTERSECT.		DSM	STRUCTURE, MANHOLE		ICCTV	CCTV SITE		MDL4P	DEED LINE, TYPE 4		SDEL	DELINEATORS		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		SPM	PARKING METER		UGM	GAS, METER	
	AEQN	EQUATION		DSR	STRUCTURE, ROUND		ICELLT	CELL PHONE TOWER		MEEP	EASEMENT, EXISTING		SRM	REFERENCE MARKERS		UGMH	GAS, MANHOLE	
	AEQNAHD	EQUATION AHEAD		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICJB	CONDUIT JACK OR BORING		MEPAP.P	EASEMENT, PERM., APPROX.		SRSC3	SHLD, CTY, 123 DIG.		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		SRSC4	SHLD, CTY, 4 DIG.		UGP	GAS/FUEL PUMP	
	AEVT	EVENT STATION	ENVIRONMENTAL				ICPB	COMMUNICATION PULL BOX		MEPSP.P	EASEMENT, PERM., SHAPE		SRSCT2	SHLD, CTY TOUR, 1-2 DIG.		UGV	GAS, VALVE	
	APC	POINT OF CURVATURE					ICTD	CONDUIT TURNING DOWN		MFAP.P	FEE ACQUISITION, APPROX.		SRSCT4	SHLD, CTY TOUR, 3-4 DIG.		UGVT	GAS, VENT	
	APCC	POINT OF COMPOUND CURVATURE		EIOP.P	STR., INLET, OUTLET PROT.		ICTU	CONDUIT TURNING UP		MFP.P	FEE ACQUISITION, BACK LINE		SRSI	SHLD, INTERSTATE		ULP	LIGHTING, POLE	
	API	POINT OF INTERSECTION		EIPGB.P	STR., INLET PROT., GRAVEL BAG		ICVTRT	COMM. VEH. ROAD TRANSCEIVER		MFSP.P	FEE ACQUISITION, SHAPE		SRSN2	SHLD, NATIONAL, 2 DIG.		ULPM	LIGHTING, POLE, MEDIAN	
	APOB	POINT OF BEGINNING		EIPHS.P	STR., INLET PROT., HAY/STRAW		IDEFAULT	DEFAULT		MHBAP	HIGHWAY BNDRY., APPROX.		SRSN3	SHLD, NATIONAL, 3 DIG.		ULPP	LIGHTING, POLE, PED.	
	APOC	POINT OF CURVATURE		EIPP.P	STR., INLET PROT., PREFAB.		IEZR	E-ZPASS READER		MHBCP	HISTORICAL, BLDG. CORNERS		SRSS2	SHLD, STATE, 2 DIG.		UMFC	MISC. FILLER CAP	
	APOE	POINT OF END		EIPSF.P	STR., INLET PROT., SILT FENCE		IEZTR	TRANSMITTAL READER		MHBP	HIGHWAY BNDRY, PT.		SRSS3	SHLD, STATE, 3 DIG.		UOLM	OIL, LINE MARKER	
	APOL	POINT ON LINE		ERCB	RISER, CONCRETE BOX		IFXCAB	FIBER OPTIC X-CONNECT CABINET		MJCP	PT., JURIS. CITY		SRSS4	SHLD, STATE, 4 DIG.		UP	POLE, WITH UTILITY	
	APOS	POINT ON SPIRAL		ETRS.P	TRAP, SEDIMENT		IFUSSPL	FUSION SPLICE		MPBC	PT., BUILDING CORNER	TRAFFIC CONTROL				UPD	POLE, DEAD (NO UTILITY)	
	APOT	POINT ON TANGENT		EWFG	WETLAND FLAG		IHARADV	HAR ADVISORY SIGN		MPCC	PT., CROSS CUT					UPL	POLE, WITH LIGHT	
	APOVC	POINT ON VERTICAL CURVE	GEOTECHNICAL				IHARST	HAR SITE		MPDH	PT., DRILL HOLE		TCBJ	BOX, JUNCTION		USMH	SANITARY SEWER MANHOLE	
	APOVT	POINT ON VERTICAL TANGENT					ILC	LOAD CENTER		MPF	PT., FENCE LOCATION		TCBP	BOX, PULL BOX		UTB	TELEPHONE, BOOTH	
	APORC	POINT ON REVERSE CURVE		GDH	DRILL HOLE		IMECSPL	MECHANICAL SPLICE		MPIP	PT., IRON PIPE		TCBS	BOX, SPLICE		UTLM	TELEPHONE, LINE MARKER	
	APT	POINT OF TANGENCY	LANDSCAPE				IMSCS	PORT. SPEED & COUNT SENSOR		MPIR	PT., IRON ROD		TCMC	MICROCOMPUTER CABINET		UTMH	TELEPHONE, MANHOLE	
	APVC	POINT OF VERTICAL CURVATURE					IMSCTS	MICRO SPEED & COUNT SENSOR		MPM	PT., MONUMENT		TCPP	PED POLE		UTVLM	CABLE TV, LINE MARKER	
	APVCC	POINT OF VERT. CMPND CURVE		LFP	FLAG POLE		IMT	MICROWAVE TRANSCEIVER		MPMM	PT., MONUMENT, MISC.		TCSH	SIGNAL HEADS		UTVPB	CABLE TV, PULL BOX	
	APVI	POINT OF VERT. INTERSECTION		LPST	POST, SINGLE		IOVHVS	PERM. OVERHEAD VMS		MPN	PT., NAIL		TCSP	SIGNAL POLE		UUB	UNKNOWN, BOX	
	APVRC	POINT OF VERT. REVERSE CURVE		LMB	MAILBOX		IPASCS	PORT. ACCOU. SPD & CNT. SENSOR		MPRS	PT., RAILROAD SPIKE	TRAFFIC WORK ZONE				UUJB	UNKNOWN, JUNCTION BOX	
	APVT	POINT OF VERTICAL TANGENCY		LPB	PAPER BOX		IPEDS	PEDESTRIAN SIGNAL HEAD		MPSP	PT., SPIKE					UUMH	UNKNOWN, MANHOLE	
	ASC	SPIRAL TO CURVE		LRS	ROCK, BOULDER		IPSS	PAVEMENT SURFACE SENSOR		MPST	PT., STAKE		TWZAP.P	ARROW PANEL, CAUTION MODE		UUPB	UNKNOWN, PULL BOX	
	ASPI	SPIRAL POINT OF INTERSECTION		LSHC	SHRUB, CONIFEROUS		IPVMS	PERM. VMS		MPTW	PT., TREE W/ WIRE		TWZAPT.P	ARROW PANEL, TRAILER OR SUPPORT		UUVL	UNKNOWN, VALVE	
	ASTS	SPIRAL TO SPIRAL		LSHD	SHRUB, DECIDUOUS		IRM	RAMP METER		MPWL	PT., WALL LOCATION		TWZBCD.P	BARRICADE (TYPE III)		UUVT	UNKNOWN, VENT	
	AST	SPIRAL TO TANGENT		LTD	TREE, CONIFEROUS		IRWIS	RDWY WEATHER INFO. SENSOR	ROW ACQUISITION				TWZCMS.P	CHANGEABLE MESSAGE SIGN (PVMS)		UJ	UNKNOWN, WELL	
	ATS	TANGENT TO SPIRAL		LTS	TREE, STUMP		ISP	SOLAR PANEL					TWZFLG.P	FLAGGER		UWFH	WATER, FIRE HYDRANT	
	AVEVT	VERTICAL EVENT POINT		LTW P	TREE, WELL OR WALL		ISST	SPREAD SPECT. TRANSCEIVER		MFS.P.T	FEE ACQUISITION		TWZFT.P	FLAG TREE		UWM	WATER, METER	
	AVHIGH	VERTICAL HIGH POINT		LUKP	UNKNOWN POINT		ITDB	TELEPHONE DEMARCATION BLK		MEPS.P.T	EASEMENT, PERMANENT		TWZIA.P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)		UWMH	WATER, MANHOLE	
	AVLOW	VERTICAL LOW POINT	1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).				ITP	SUBSURFACE TEMP. PROBE		METS.P.T	EASEMENT, TEMPORARY		TWZLUM.P	LUMINAIRE (TEMPORARY)		UWV	WATER, VALVE	
BRIDGE							IVTRT	VEHICLE TO RDWY TRANSCEIVER		METS.P.T TO	OCCUPANCY, TEMPORARY		TWZSDT.P	SYMBOL, DIRECTION OF TRAFFIC		UWW	WATER, WELL	
						CONTROL							IWIND	WEIGHT IN MOTION DETECTOR		METS.P.T TO	FEE ACQUISITION W/O ACCESS	
2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).													IWVR	WIRELESS VIDEO REPEATER		TWZSGN.P	SIGN (TEMPORARY)	
						3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.							IWVRC	WIRELESS VIDEO RECEIVER		TWZWL.P	WARNING LIGHT	
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:													IWVTT	WIRELESS VIDEO TRANSMITTER		TWZWV.P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR	6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED (ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES).
						COMMONS ROAD OVER THE CAYADUTTA CREEK							RES P	ELEVATION, SPOT	LEGEND (2 OF 2)			
BIN 3309970													RGA	GUIDE RAIL, ANCHOR				
						TOWN OF MOHAWK							RGP	GUIDE POST, SINGLE				
BRIDGES 3309970												CONTRACT NUMBER RFP 06-23						
						CULVERTS										DRAWING NO. LEG-2		
ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED																		
						LEGEND (2 OF 2)												

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

DESIGN SUPERVISOR EKT

JOB MANAGER EKT

DESIGN WNG

CHECK EKT

DRAFTING WNG

CHECK EKT

PROJECT MANAGER EKT

GENERAL NOTES:

- DESIGN SPECIFICATIONS: NYSDOT LRFD BRIDGE DESIGN SPECIFICATIONS WITH ALL PROVISIONS IN EFFECT AS OF FEBRUARY 2023 (FOR DESIGN PURPOSES, COMPRESSIVE STRENGTH OF CONCRETE FOR SUBSTRUCTURES AND DECK SLABS AT 28 DAYS: f'c = 3,000 psi.)
- CONSTRUCTION SPECIFICATIONS: NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS WITH ALL PROVISIONS IN EFFECT AS OF JANUARY 1, 2023.
- THIS BRIDGE SHALL BE MAINTAINED IN ACCORDANCE WITH THE GUIDELINES CONTAINED IN THE CURRENT VERSION OF THE AASHTO MAINTENANCE MANUAL FOR ROADWAYS AND BRIDGES.
- DESIGN LIVE LOAD: AASHTO HL - 93.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF TESTING ALL MATERIALS. TESTING OF MATERIALS SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY APPROVED BY THE ENGINEER. TESTING SHALL CONFORM TO THE APPLICABLE ASTM, AND NYSDOT STANDARDS. THE TESTING LABORATORY SHALL SUBMIT A WRITTEN REPORT DESCRIBING THE TESTS PERFORMED, THE RESULTS OF SUCH TESTS, AND A STATEMENT OF COMPLIANCE OR NON -COMPLIANCE OF THE SPECIFICATION TO THE CONTRACTOR AND THE ENGINEER. MATERIAL TESTING SHALL BE IN ACCORDANCE WITH THE TECHNICAL PROVISION SECTION OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS.

FOUNDATION NOTES:

- EMBANKMENT IN PLACE, ITEM 203.03 AND SELECT STRUCTURE FILL, ITEM 203.21, SHALL BE PLACED SIMULTANEOUSLY, ON BOTH SIDES OF THE VERTICAL PAYMENT LINE.
- THE COST OF WATER USED FOR COMPACTION OF THE SELECT STRUCTURAL FILL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.21 - SELECT STRUCTURE FILL.
- THE COST OF WATER USED FOR COMPACTION OF EMBANKMENT IN PLACE MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.03 - EMBANKMENT IN PLACE.

SUBSTRUCTURE NOTES:

- TOP OF BACKWALLS SHALL BE STEEL TROWEL FINISHED. TWO SHEETS OF SHEET GASKET (TREATED BOTH SIDES), \$728-06, SHALL BE PLACED ON THE TOP OF THE BACKWALLS OF FIXED AND EXPANSION ABUTMENTS. THE CONTRACTOR SHALL INCLUDE COSTS FOR THIS WORK IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM.
- THE COST OF ALL JOINT MATERIAL AND WATERSTOPS AT CONCRETE CONSTRUCTION JOINTS, CONTRACTION AND EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS CONCRETE ITEMS IN THE CONTRACT.

PRESTRESSED CONCRETE BEAM NOTES:

- TO REDUCE THE TENDENCY FOR BEAM ENDS TO CRACK, THE CONTRACTOR MAY PROPOSE DEBONDING OF PRETENSIONING STRANDS FOR A MAXIMUM OF 6 INCHES FROM ENDS OF BEAMS. TOTAL NUMBER OF DEBONDED STANDS (DESIGN DEBONDING AND CRACK CONTROL DEBONDING COMBINED) SHALL NOT EXCEED 50% OF TOTAL NUMBER OF STRANDS.
- SHOP DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH THE NYSDOT PRESTRESSED CONCRETE CONSTRUCTION MANUAL (PCCM) TO THE ENGINEER FOR APPROVAL FOR THE FOLLOWING PRESTRESSED CONCRETE ITEMS:

ITEM 563.020001MC - PRESTRESSED CONCRETE BOX BEAM UNITS

SUPERSTRUCTURE SLAB NOTES:

- SHOP DRAWING SUBMITTALS ARE REQUIRED FOR THE FOLLOWING BRIDGE RAILING AND/OR TRANSITION BRIDGE RAILING ITEMS:


ITEM 568.51 - STEEL BRIDGE RAILING (FOUR RAIL)
ITEM 568.70 - TRANSITION BRIDGE RAILING
- TOP SURFACES OF NEW BRIDGE DECKS AND APPROACH SLABS SHALL BE SEALED IN ACCORDANCE WITH ITEM 559.01 - PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE DECKS AND BRIDGE DECK OVERLAYS.
- BARLISTS ARE NOT PROVIDED FOR SUPERSTRUCTURE SLABS, APPROACH SLABS, AND/OR SIDEWALKS. THE PROVISIONS OF \$557-3.17 - NO BARLIST PROVIDED, OF THE NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS SHALL APPLY. A REVIEW TIME OF TWO DAYS PER PLACEMENT DRAWING, WITH A MINIMUM OF 15 DAYS FOR EACH SUBMISSION WILL BE ALLOWED UPON RECEIPT OF THE SUBMISSION.
- CARE SHALL BE TAKEN TO PREVENT CONTAMINATION OF THE WATERWAY BY THE SEALER. IF THE MANUFACTURER'S INSTRUCTIONS REQUIRE MIXING OF THE SEALER PRIOR TO APPLICATION, MIXING SHALL OCCUR IN A MANNER THAT WILL PREVENT CONTAMINATION OF THE WATERWAY. THE CONTRACTOR SHALL HAVE AVAILABLE FOR IMMEDIATE USE MATERIALS TO SOAK UP OR CONTAIN ANY ACCIDENTAL SPILLS. PRIOR TO THE APPLICATION OF THE SEALER, ANY OPENINGS IN THE SURFACE OF THE BRIDGE DECK OR IN THE WALKING SURFACE, SUCH AS SCUPPERS OR OPEN DRAINS SHALL BE COVERED TO PREVENT CONTAMINATION OF THE WATERWAY. CARE SHALL BE TAKEN TO PREVENT SPRAYED SEALER FROM ENTERING THE WATERWAY BY ROLLING THE SEALER OR BY PHYSICALLY ISOLATING THE AREA TO BE SPRAYED FROM THE WATERWAY BY THE USE OF TARPS OR OTHER BARRIER-TYPE MEANS TO THE SATISFACTION OF THE EIC.

REMOVAL NOTES:

- EXISTING SUBSTRUCTURES SHALL BE REMOVED WITHIN THE PAY LIMITS SHOWN IN THE PLANS UNDER ITEM 580.01 - REMOVAL OF STRUCTURAL CONCRETE.
- EXISTING SUPERSTRUCTURE SHALL BE REMOVED UNDER ITEM 202.120001 REMOVING EXISTING SUPERSTRUCTURES.
- SUPERSTRUCTURE REMOVAL SHALL MEET THE PROVISIONS OF \$202-3.01 - GENERAL AND SAFETY REQUIREMENTS, OF THE NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS. A REMOVAL PLAN, SEALED BY A REGISTERED NEW YORK STATE PROFESSIONAL ENGINEER, SHALL BE SUBMITTED TO THE ENGINEER THIRTY (30) DAYS PRIOR TO BEGINNING THE DEMOLITION.
- RECORD PLAN AVAILABLE FOR THIS STRUCTURE. NO RECORD PLANS AVAILABLE FOR ADJACENT WINGWALLS AND RETAINING WALL.

RECONSTRUCTION NOTES:

- DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE OWNER, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE OR WHICH ARE TO REMAIN THE PROPERTY OF THE OWNER, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- WHEN ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.
- DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT DROP WASTE CONCRETE, DEBRIS, AND OTHER MATERIAL TO THE AREA BELOW THE BRIDGE EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE STOPPED UNTIL ADEQUATE PROTECTION IS PROVIDED. IN STREAM WORK RELATED TO THE REMOVAL OF THE EXISTING SUPERSTRUCTURE AND SUBSTRUCTURE IS PROHIBITED UNLESS THE CONTRACTOR RECEIVES PERMISSION FROM THE NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
- ALL MATERIAL FALLING ON THE AREA BELOW AND ADJACENT TO THE BRIDGE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICE BID USING THE APPROPRIATE ITEMS IN THE CONTRACT.
- THE FOLLOWING CONCRETE ELEMENTS SHALL BE SEALED ACCORDING TO ITEM 559.02 - PROTECTIVE SEALING OF STRUCTURAL CONCRETE:
ABUTMENT STEMS
ABUTMENT CAPS
WINGWALL CAPS
BACKWALLS
CHECKWALLS
BRIDGE SEATS
BRIDGE SEAT SIDES
- IF THE STRUCTURE HAS A BRIDGE IDENTIFICATION NUMBER (B.I.N.) PLATE ATTACHED, THE CONTRACTOR SHALL PROTECT IT DURING CONSTRUCTION OR REMOVE AND REMOUNT IT AFTER CONSTRUCTION IS COMPLETED.

AFFIX SEAL: EDWIN K. TWISS, JR., P.E. ON: FEBRUARY 24, 2023	ALTERED BY: ON:
	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

GENERAL NOTES

CONTRACT NUMBER
RFP 06-23

DRAWING NO. GNN-1
SHEET NO. 5

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.

AECOM

MONTGOMERY
COUNTY NY

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

DESIGN SUPERVISOR EKT

JOB MANAGER EKT

DESIGN JA


CHECK AL

DRAFTING JWC

CHECK AL

PROJECT MANAGER EKT

HORIZONTAL CONTROL TABLE				
H.C.L. POINT	H.C.L. STATION	COORDINATES		DESCRIPTION
		NORTH	EAST	
COMMONS ROAD				
P.O.B.	C 10+00.00	4642.7343	4934.4874	BEGIN ALIGNMENT
P.C.	C 10+89.85	4727.4652	4964.3709	P.C. CURVE 1
P.I.	C 11+14.42	4750.6368	4972.5432	P.I. CURVE 1
				(R = 4000.00 FT)
P.T.	C 11+39.00	4773.9071	4980.4302	P.T. CURVE 1
P.I.	C 11+89.00	4821.2723	4996.4838	POINT OF INTERSECTION
P.C.	C 12+94.50	4920.2621	5032.9703	P.C. CURVE 2
P.I.	C 13+23.53	4947.5053	5043.0119	P.I. CURVE 2
				(R = 70.00 FT)
P.T.	C 13+49.54	4973.8577	5030.8228	P.T. CURVE 2
P.C.	C 13+62.29	4985.4225	5025.4737	P.C. CURVE 3
P.I.	C 14+19.66	5037.4988	5001.3863	P.I. CURVE 3
				(R = 114.00 FT)
P.T.	C 14+68.60	5049.1778	4945.2103	P.T. CURVE 3
P.O.E.	C 15+75.21	5070.8779	4840.8333	END ALIGNMENT

AFFIX SEAL: EDWIN K. TWISS, JR., P.E. ON: FEBRUARY 24, 2023		ALTERED BY: ON:	
		AS-BUILT REVISIONS	
		DESCRIPTION OF ALTERATIONS:	
		COMMONS ROAD OVER THE CAYADUTTA CREEK	
		BIN 3309970	
		TOWN OF MOHAWK	
		COUNTY: MONTGOMERY	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MISCELLANEOUS TABLES

CONTRACT NUMBER
RFP 06-23

DRAWING NO. MST-1
SHEET NO. 6

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



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DESIGN SUPERVISOR EKT

JOB MANAGER EKT

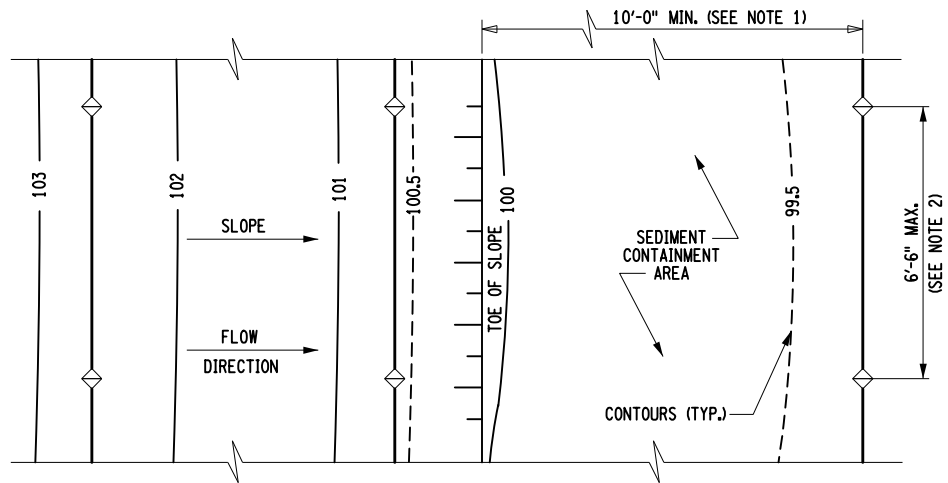
DESIGN JMC

CHECK WNG

DRAFTING JMC

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PROJECT MANAGER EKT

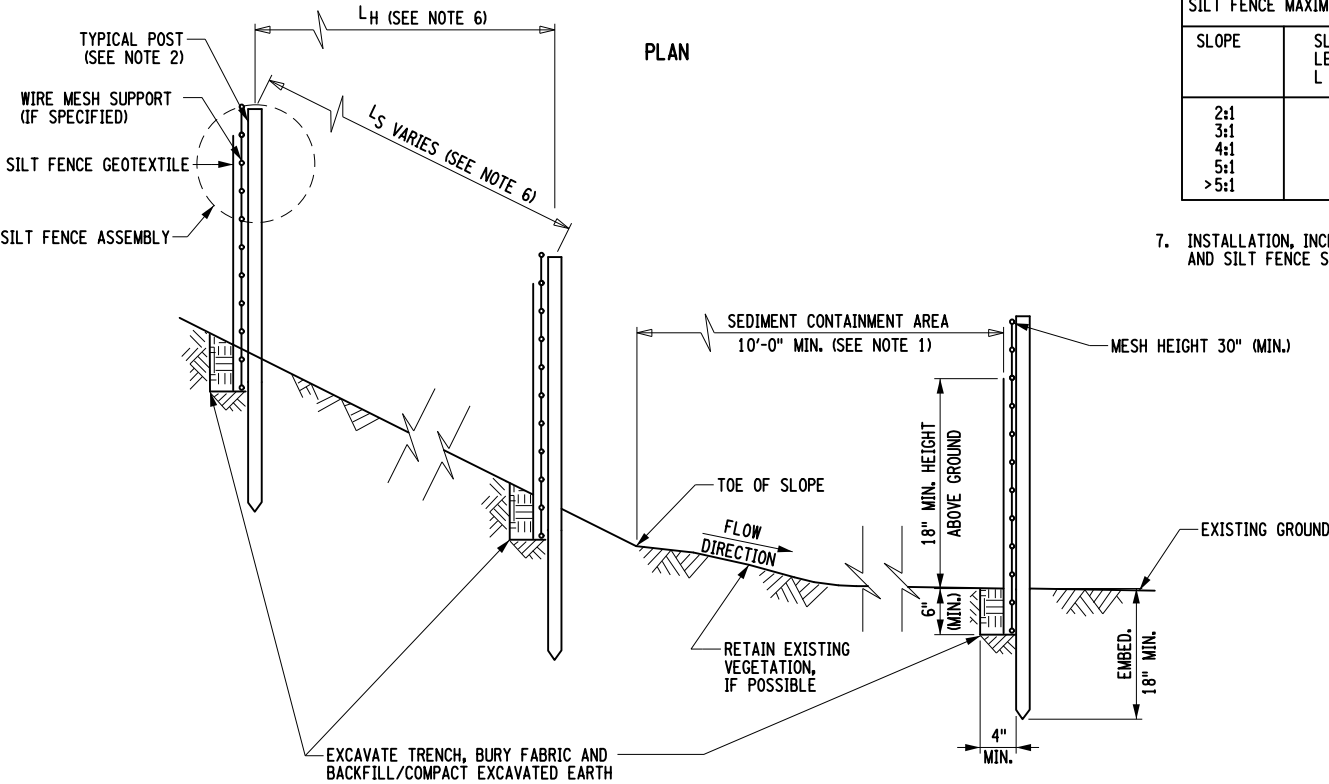


SILT FENCE NOTES

1. SILT FENCE OR SEDIMENT FILTER LOGS SHALL BE PLACED A MINIMUM OF 10 FEET FROM TOE OF SLOPE, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.
2. WOOD POSTS FOR SILT FENCE SHALL HAVE A CROSS SECTION AREA OF 3.5 SQUARE INCHES OR STEEL POSTS SHALL BE "T" OR "U" SHAPE AND 1.33 POUNDS/FEET (MINIMUM) FOR STEEL. SPACING FOR THE PROVIDED SILT FENCE POSTS SHALL BE AS DESIGNATED ON THE DEPARTMENT APPROVED LIFT FOR SILT FENCE. THE LENGTH OF SILT FENCE POSTS SHALL BE 40 INCHES. WOOD POSTS FOR SEDIMENT FILTER LOGS SHALL BE NOMINAL 2X2. THE LENGTH OF FILTER LOG POSTS SHALL BE 16" GREATER THAN THE DIAMETER OF THE LOG.
3. THE BOTTOM EDGE OF SILT FENCE SHALL BE BURIED A MINIMUM OF 6" BELOW GROUND. THE FENCE SHALL BE INSTALLED WITH THE POSTS ON THE DOWNSTREAM SIDE OF THE FABRIC.
4. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS OR AFTER EACH RAINFALL OF 1/2" OR MORE WITHIN A 24 HOUR PERIOD. MEASURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.
5. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.
6. THE FOLLOWING ARE MAXIMUM SLOPE LENGTHS (DISTANCE BETWEEN ROWS) FOR SILT FENCE INSTALLATION:

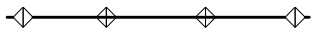
SILT FENCE MAXIMUM SLOPE LENGTH (FEET)		
SLOPE	SLOPE LENGTH L _S (FT)	HORIZ LENGTH L _H (FT)
2:1	25	22
3:1	50	47
4:1	75	73
5:1	100	98
>5:1	100	98

7. INSTALLATION, INCLUDING EXCAVATION, BACKFILL, AND COMPACTION OF STRAWBALE DIKES AND SILT FENCE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM.



SECTION
SILT FENCE - TEMPORARY

SYMBOL



AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION AND SEDIMENT
CONTROL DETAILS

CONTRACT NUMBER
RFP 06-23

DRAWING NO. ECD-1
SHEET NO. 7

NOTE:

SEE GENERAL NOTES SHEET DWG. NO. GNN-1 FOR
ADDITIONAL ENVIRONMENTAL PROTECTION NOTES.

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AECOM

MONTGOMERY
COUNTY NY

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USER = \$NTUSER\$

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JOB MANAGER EKT

DESIGN JMC

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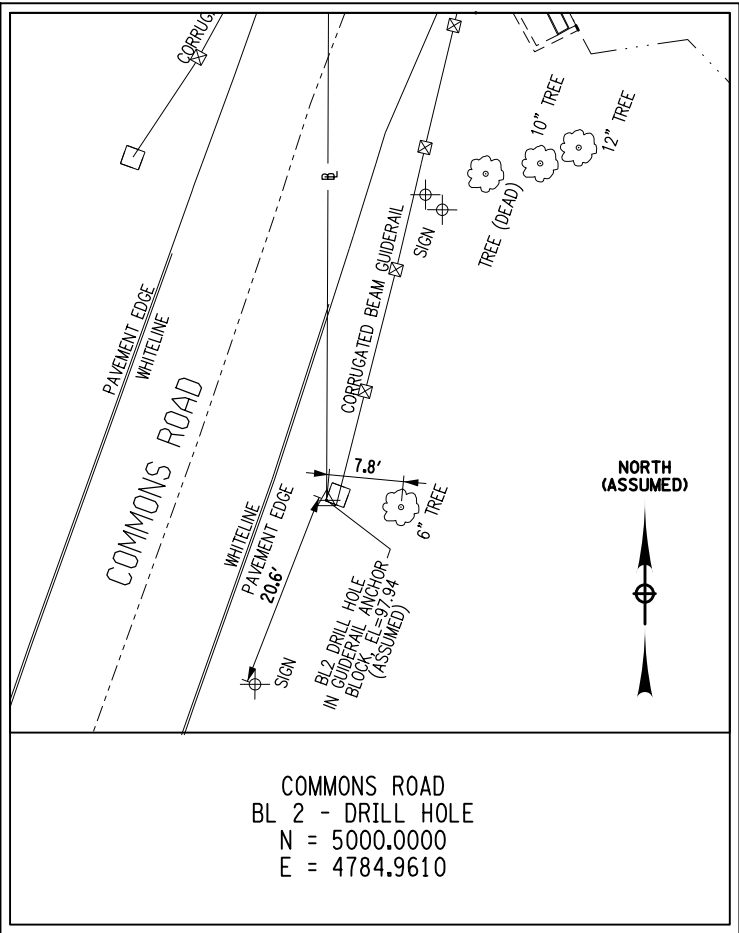
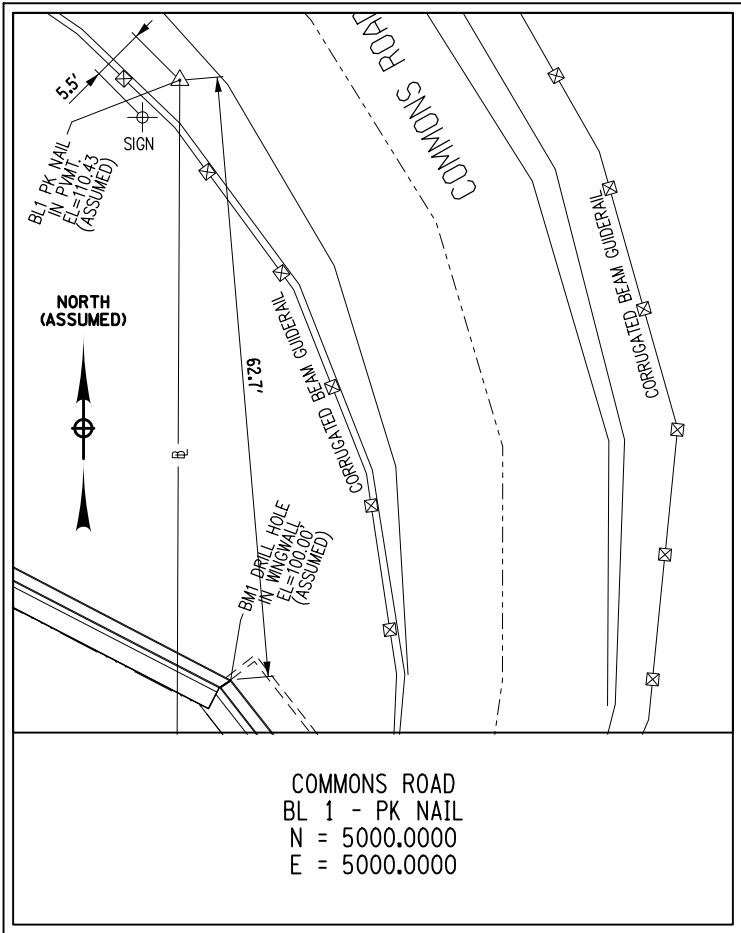
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PROJECT MANAGER EKT



POINT	NORTHING	EASTING
BL - 1	5000.0000	5000.0000
BL - 2	5000.0000	4784.9610
CL BEARING/CL ROADWAY BEGIN ABUTMENT	5005.7351	4846.3716
CL BEARING/CL ROADWAY END ABUTMENT	5032.3651	4918.6201
CL STA. 11+50	4983.9654	4784.3376
CL STA. 13+50	5030.6316	4974.2712

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

BASELINE TIES

CONTRACT NUMBER
RFP 06-23

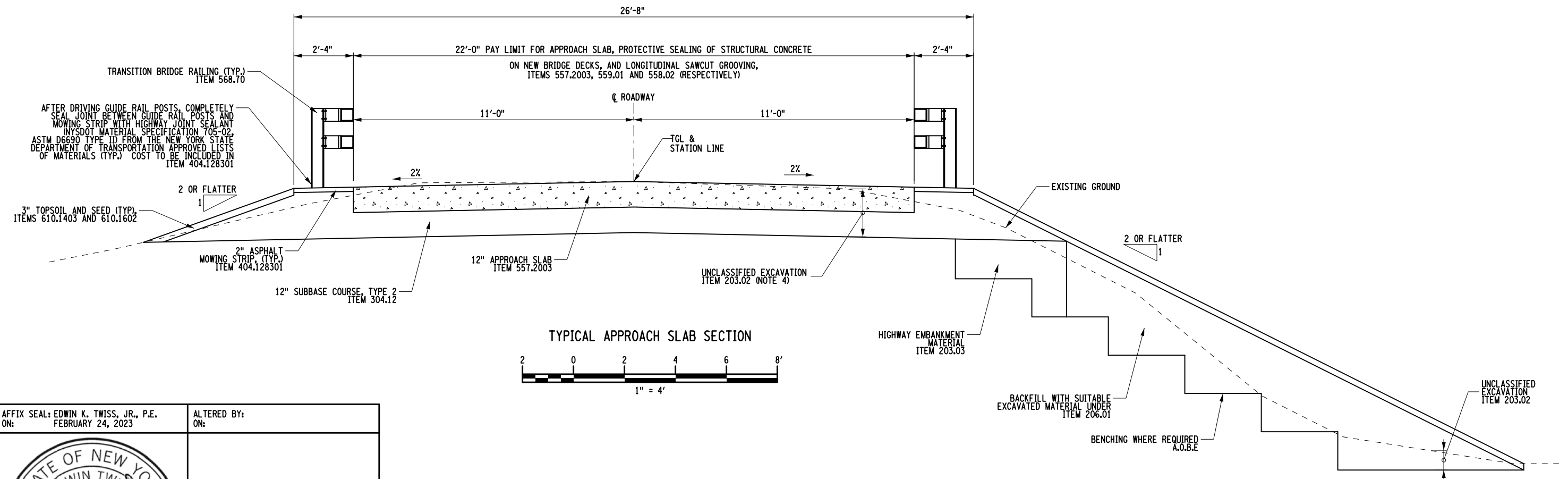
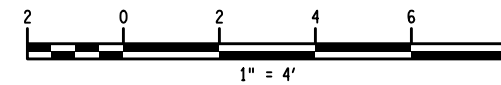
DRAWING NO. BLT-1
SHEET NO. 8

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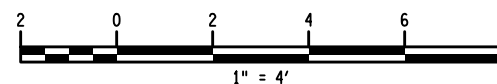
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MONTGOMERY
COUNTY NY

1. TACK COAT (ITEM 407.0102) SHALL BE APPLIED BETWEEN ASPHALT COURSES AT A RATE OF 0.06 GAL/SY.
2. TACK COAT (ITEM 407.0102) SHALL BE APPLIED TO ALL SAWCUT AND EXISTING SURFACES PRIOR TO PAVING AT A RATE OF 0.10 GAL/SY.
3. ANY DAMAGE TO EXISTING PAVEMENT OUTSIDE THE PROPOSED WORK LIMITS SHALL BE REPAIRED(A.O.B.E.) BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE COUNTY.
4. THE BOTTOM PAY LIMIT FOR ITEM 203.02, UNCLASSIFIED EXCAVATION AND DISPOSAL, UNDER THE PAVEMENT SHALL BE TO THE BOTTOM OF PROPOSED SUBBASE COURSE OR BOTTOM OF THE EXISTING PAVEMENT, WHICHEVER IS LOWER.



TYPICAL APPROACH SLAB SECTION



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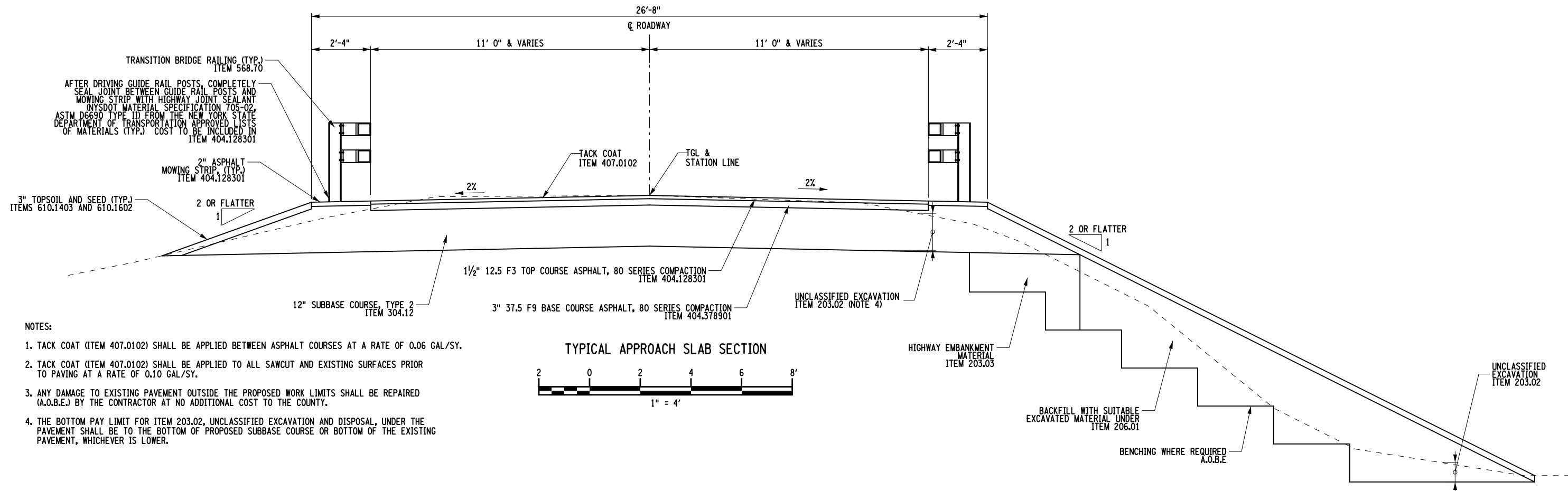
SHEET NO. 9

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



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AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN	N/A
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BRIDGES	3309970
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	CULVERTS
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ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TYPICAL SECTIONS
(2 OF 2)

CONTRACT NUMBER
RFP 06-23

DRAWING NO. TYP-2
SHEET NO. 10

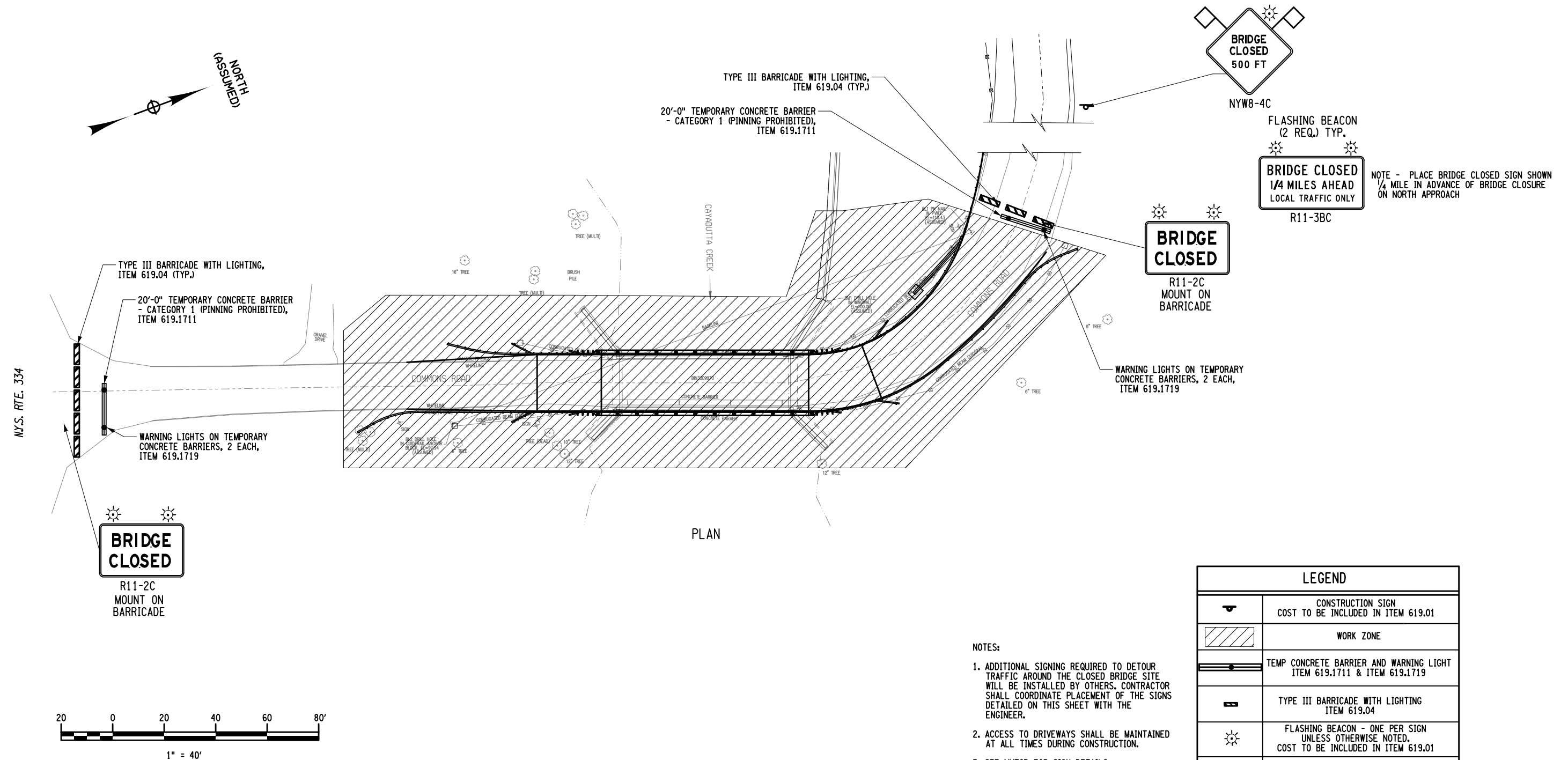
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AECOM



MONTGOMERY
COUNTY^{NY}

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JOB MANAGER EKT

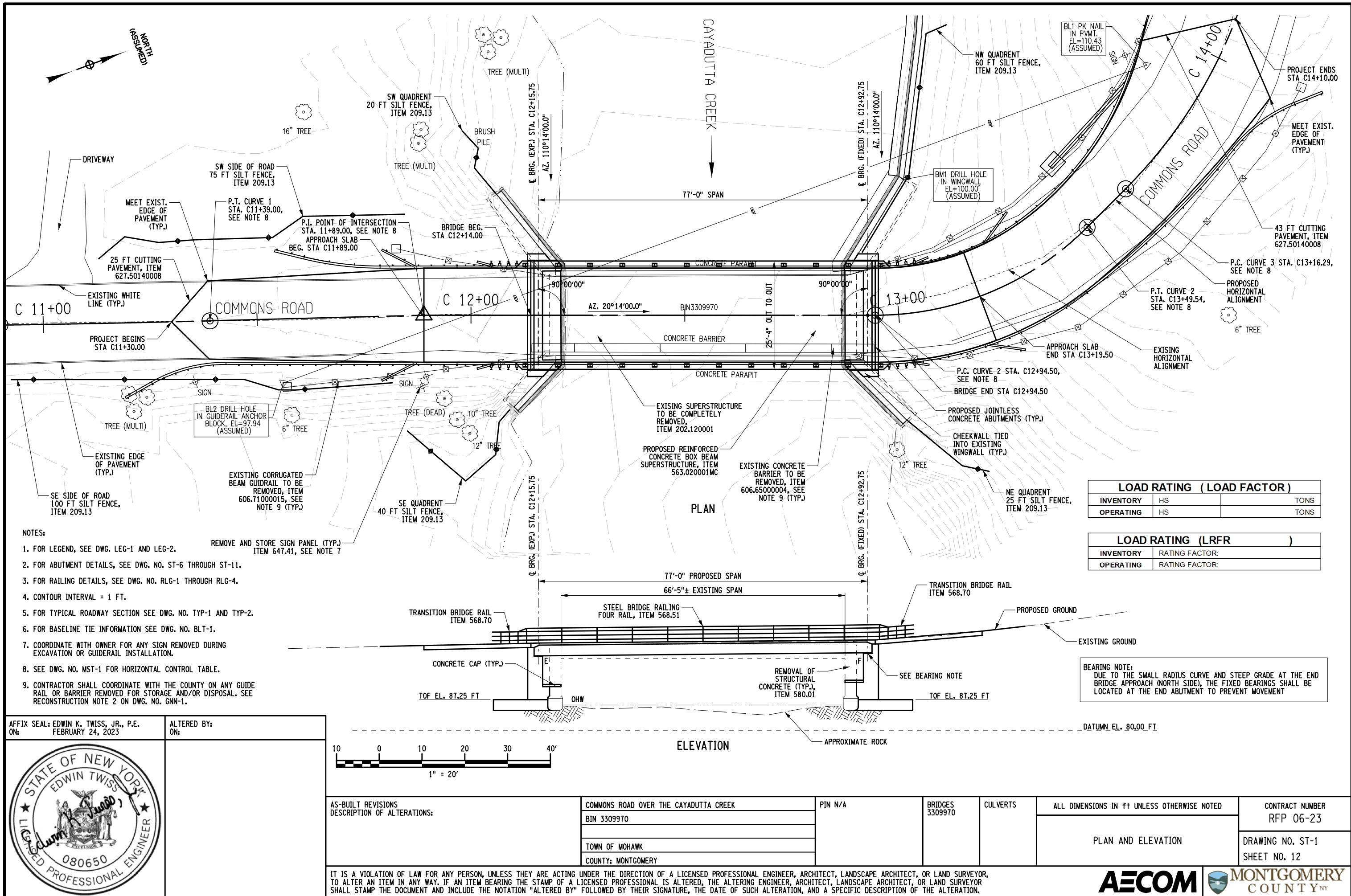
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PROJECT MANAGER EKT



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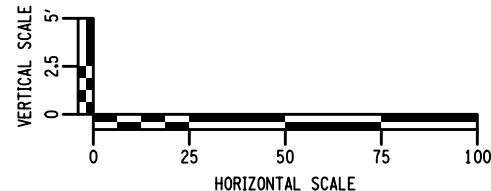
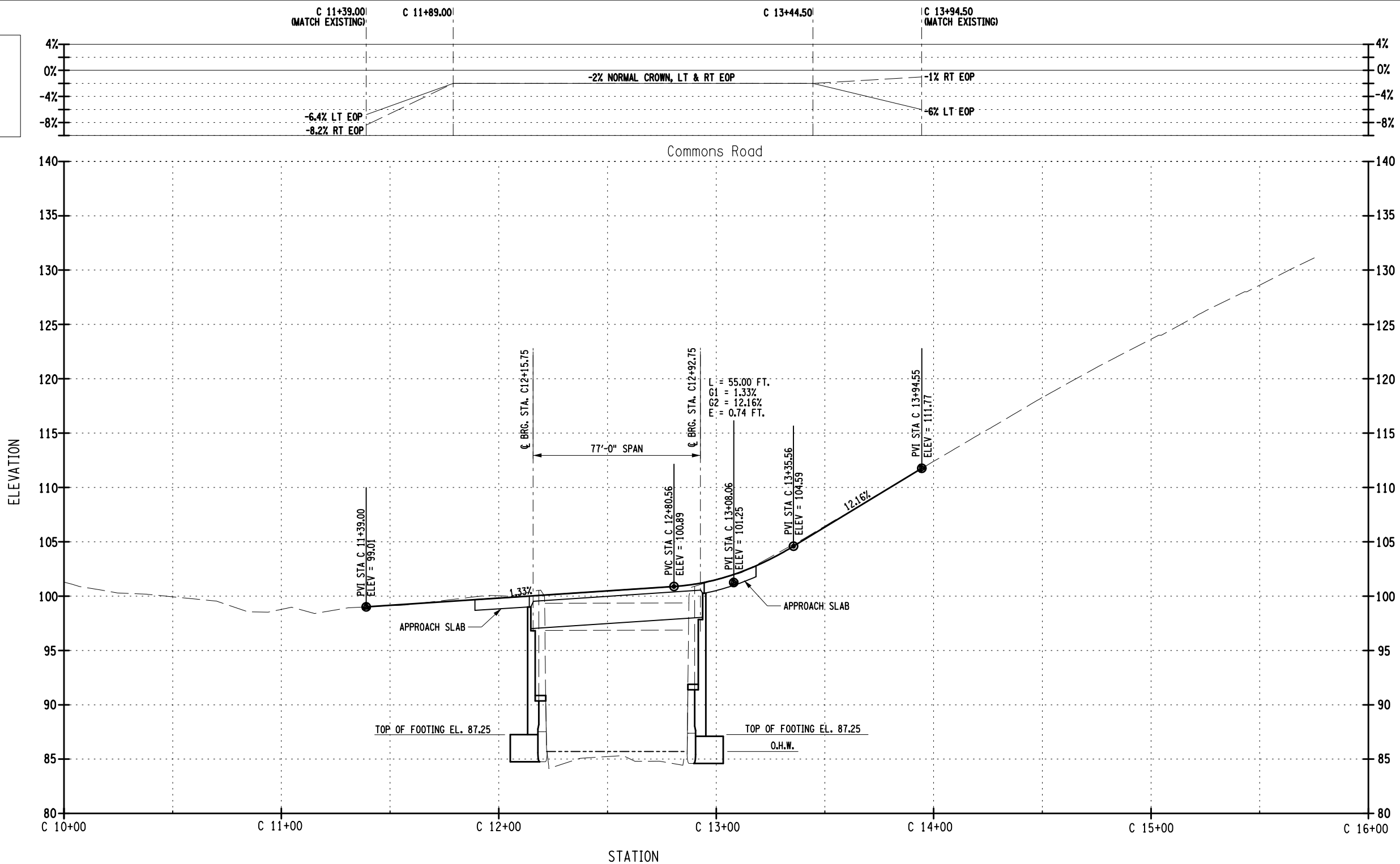
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PROJECT MANAGER EKT



AFFIX SEAL: EDWIN K. TWISS, JR., P.E. ON: FEBRUARY 24, 2023	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COMMONS ROAD OVER THE CAYADUTTA CREEK	PIN N/A	BRIDGES 3309970	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER RFP 06-23	
	BIN 3309970				PROFILE	DRAWING NO. ST-2	
	TOWN OF MOHAWK						SHEET NO. 13
	COUNTY: MONTGOMERY						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							
							

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DESIGN SUPERVISOR EKT

JOB MANAGER EKT

DESIGN WNG

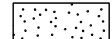

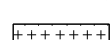
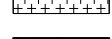
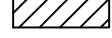

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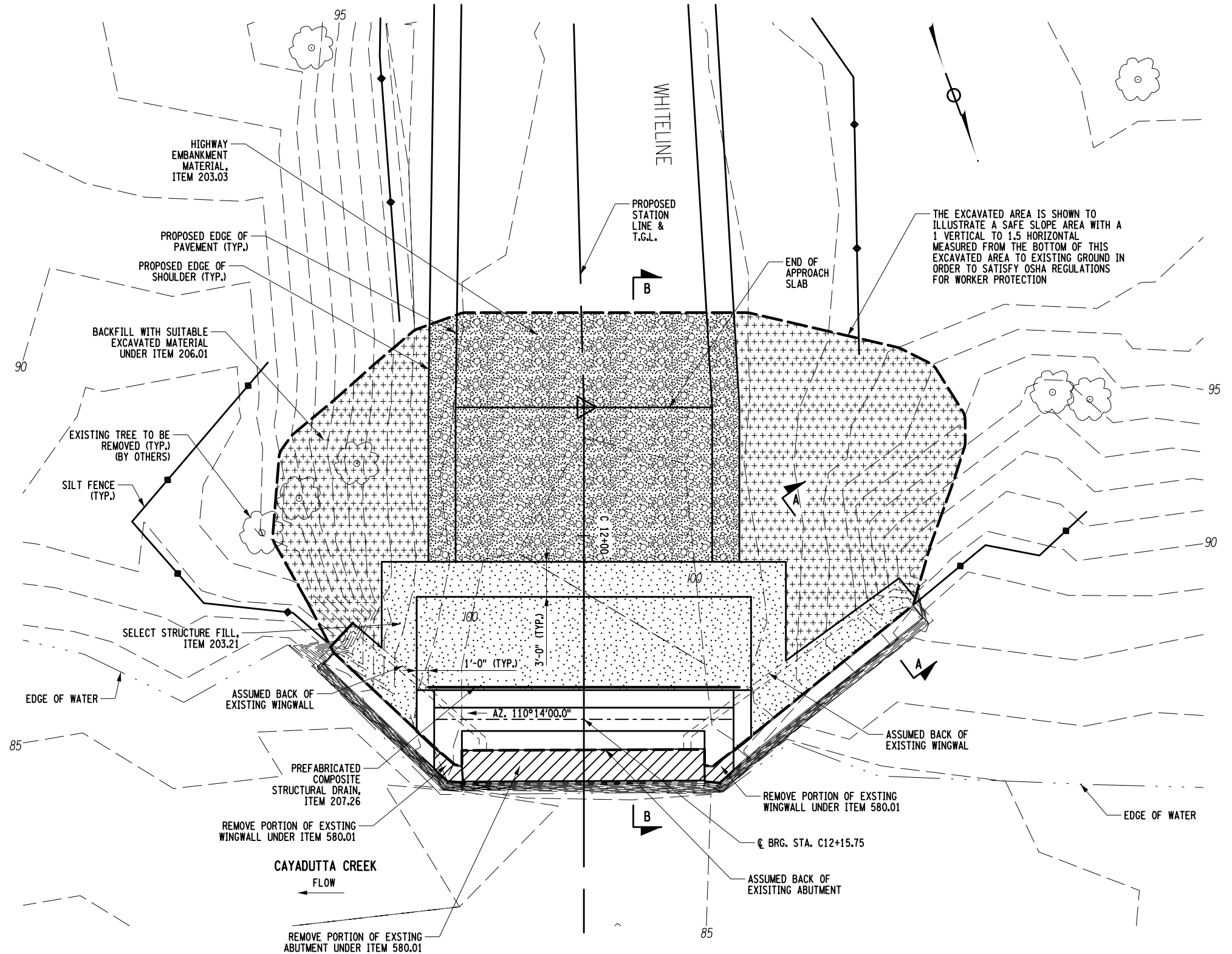
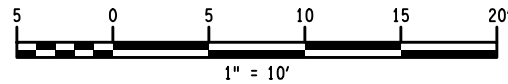
PROJECT MANAGER EKT

LEGEND

-  SELECT STRUCTURE FILL, ITEM 203.21
-  HIGHWAY EMBANKMENT MATERIAL, ITEM 203.03
-  BACKFILL WITH SUITABLE EXCAVATED MATERIAL AS PROVIDED FOR UNDER STRUCTURE EXCAVATION, ITEM 206.01
-  REMOVAL OF STRUCTURAL CONCRETE, ITEM 580.01
-  PREFABRICATED COMPOSITE STRUCTURAL DRAIN, ITEM 207.26
-  AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR STRUCTURE EXCAVATION, ITEM 206.01

NOTES:

- MATERIALS REMOVED AND PAID FOR UNDER THE EXCAVATION OF SUBSTRUCTURES ITEM SHALL NOT ALSO BE PAID FOR UNDER THE STRUCTURE EXCAVATION ITEM.
- FOR EROSION AND SEDIMENT CONTROL DETAILS SEE DWG. NO. ESD-1.
- FOR SECTIONS A-A AND B-B SEE DWG. NO. ST-5.
- THE CONTRACTORS ATTENTION IS DIRECTED TO THE FACT THAT THERE IS LIMITED "AS-BUILT" DRAWINGS FOR THE ABUTMENT AND NO "AS-BUILT" DRAWINGS FOR THE WINGWALLS. SUBSTRUCTURES SHOWN ARE TO BE CONSIDERED APPROXIMATE.
- ACTUAL LOCATION OF THE EXISTING SUBSTRUCTURE(S) SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FORMING OF STRUCTURAL CONCRETE.



BEGIN ABUTMENT PLAN

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EXCAVATION AND EMBANKMENT
PLAN (1 OF 2)

CONTRACT NUMBER
RFP 06-23

DRAWING NO. ST-3
SHEET NO. 14

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.

AECOM

MONTGOMERY
COUNTY NY

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USER = \$NTUSER\$

DESIGN SUPERVISOR EKT

JOB MANAGER EKT

DESIGN WNG

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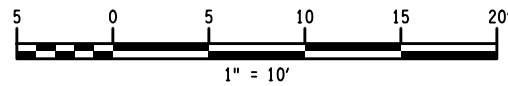
PROJECT MANAGER EKT

LEGEND

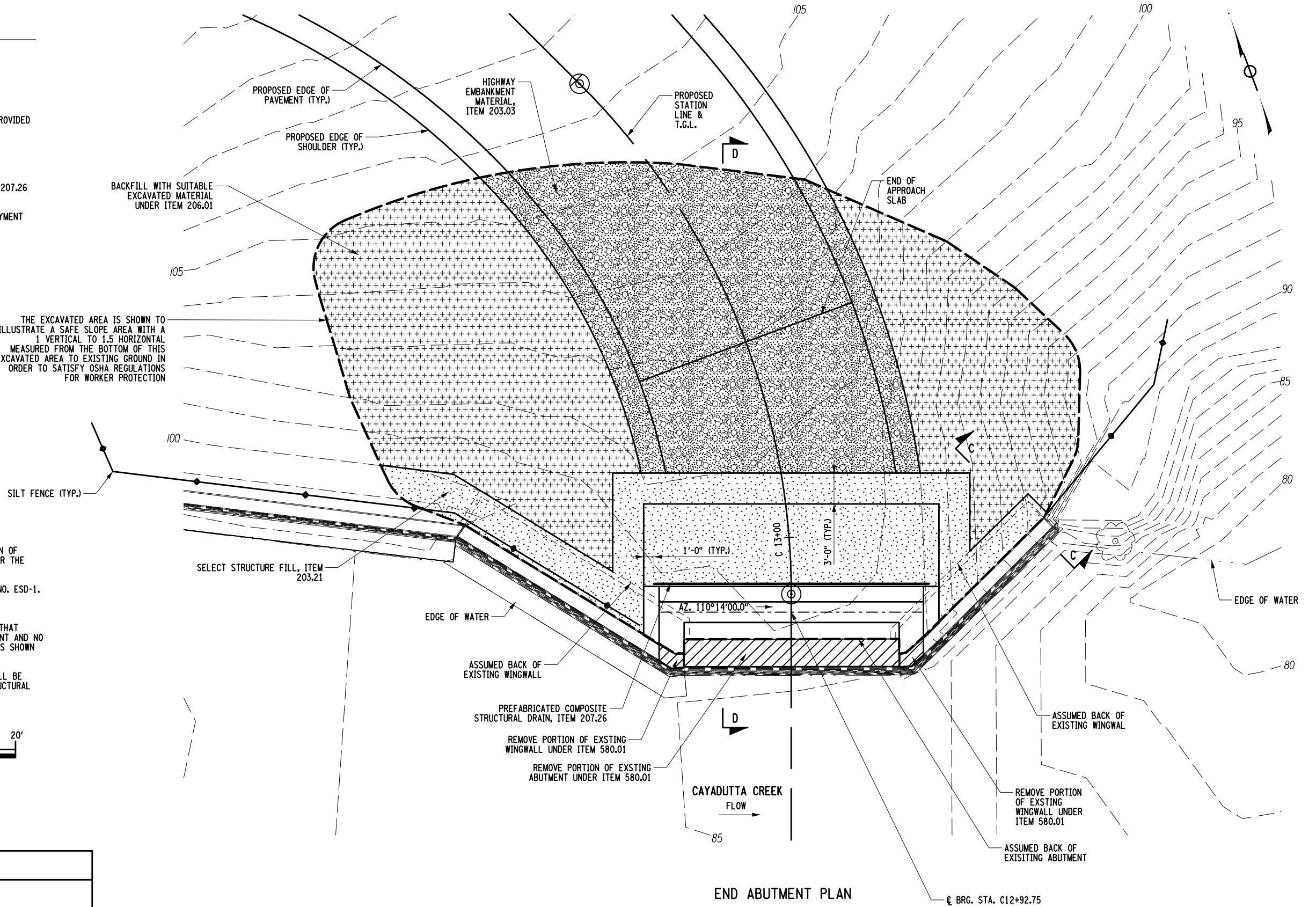
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- HIGHWAY EMBANKMENT MATERIAL, ITEM 203.03
- BACKFILL WITH SUITABLE EXCAVATED MATERIAL AS PROVIDED FOR UNDER STRUCTURE EXCAVATION, ITEM 206.01
- REMOVAL OF STRUCTURAL CONCRETE, ITEM 580.01
- PREFABRICATED COMPOSITE STRUCTURAL DRAIN, ITEM 207.26
- AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR STRUCTURE EXCAVATION, ITEM 206.01

NOTES:

- MATERIALS REMOVED AND PAID FOR UNDER THE EXCAVATION OF SUBSTRUCTURES ITEM SHALL NOT ALSO BE PAID FOR UNDER THE STRUCTURE EXCAVATION ITEM.
- FOR EROSION AND SEDIMENT CONTROL DETAILS SEE DWG. NO. ESD-1.
- FOR SECTIONS C-C AND D-D SEE DWG. NO. ST-5.
- THE CONTRACTORS ATTENTION IS DIRECTED TO THE FACT THAT THERE IS LIMITED "AS-BUILT" DRAWINGS FOR THE ABUTMENT AND NO "AS-BUILT" DRAWINGS FOR THE WINGWALLS. SUBSTRUCTURES SHOWN ARE TO BE CONSIDERED APPROXIMATE.
- ACTUAL LOCATION OF THE EXISTING SUBSTRUCTURE(S) SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FORMING OF STRUCTURAL CONCRETE.



THE EXCAVATED AREA IS SHOWN TO ILLUSTRATE A SAFE SLOPE AREA WITH A 1 VERTICAL TO 1.5 HORIZONTAL MEASURED FROM THE BOTTOM OF THIS EXCAVATED AREA TO EXISTING GROUND IN ORDER TO SATISFY OSHA REGULATIONS FOR WORKER PROTECTION



AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EXCAVATION AND EMBANKMENT
PLAN (2 OF 2)

CONTRACT NUMBER
RFP 06-23

DRAWING NO. ST-4
SHEET NO. 15

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.

AECOM

MONTGOMERY
COUNTY NY

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

DESIGN SUPERVISOR EKT

JOB MANAGER EKT

DESIGN WNG










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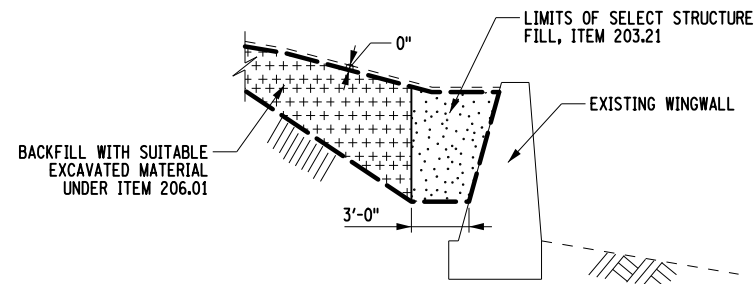
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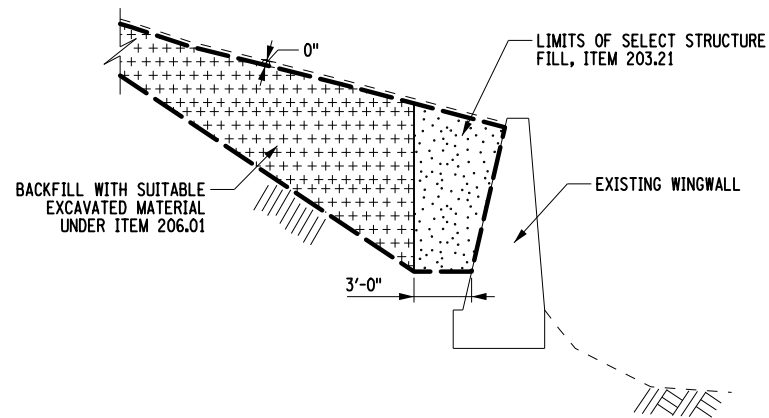
PROJECT MANAGER EKT

LEGEND

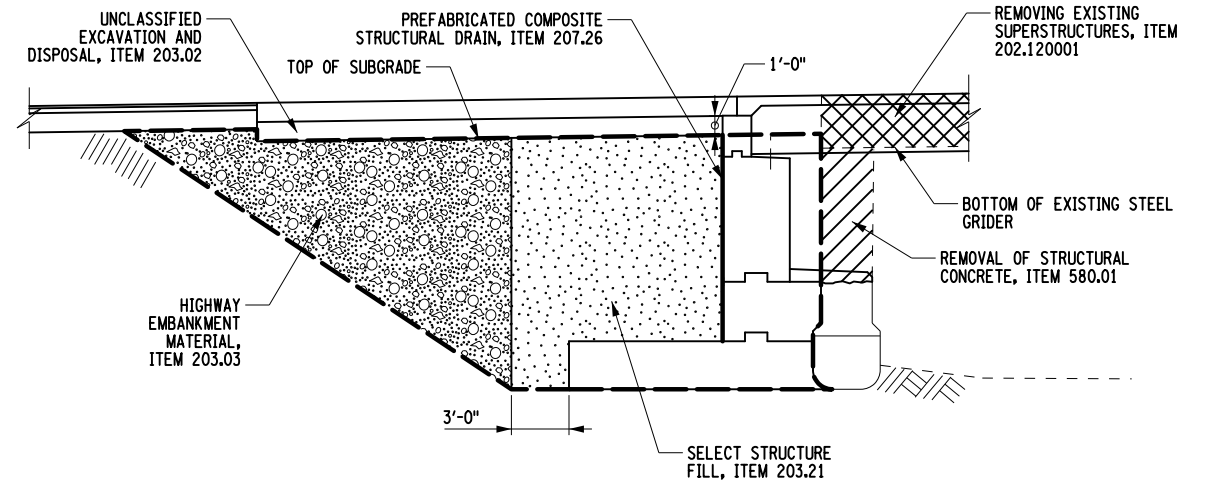
-  SELECT STRUCTURE FILL, ITEM 203.21
-  HIGHWAY EMBANKMENT MATERIAL, ITEM 203.03
-  BACKFILL WITH SUITABLE EXCAVATED MATERIAL AS PROVIDED FOR UNDER STRUCTURE EXCAVATION, ITEM 206.01
-  REMOVAL OF STRUCTURAL CONCRETE, ITEM 580.01
-  REMOVING EXISTING SUPERSTRUCTURES, ITEM 202.120001
-  PREFABRICATED COMPOSITE STRUCTURAL DRAIN, ITEM 207.26
-  AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR STRUCTURE EXCAVATION, ITEM 206.01
-  EXISTING GROUND SURFACE
-  BEDROCK



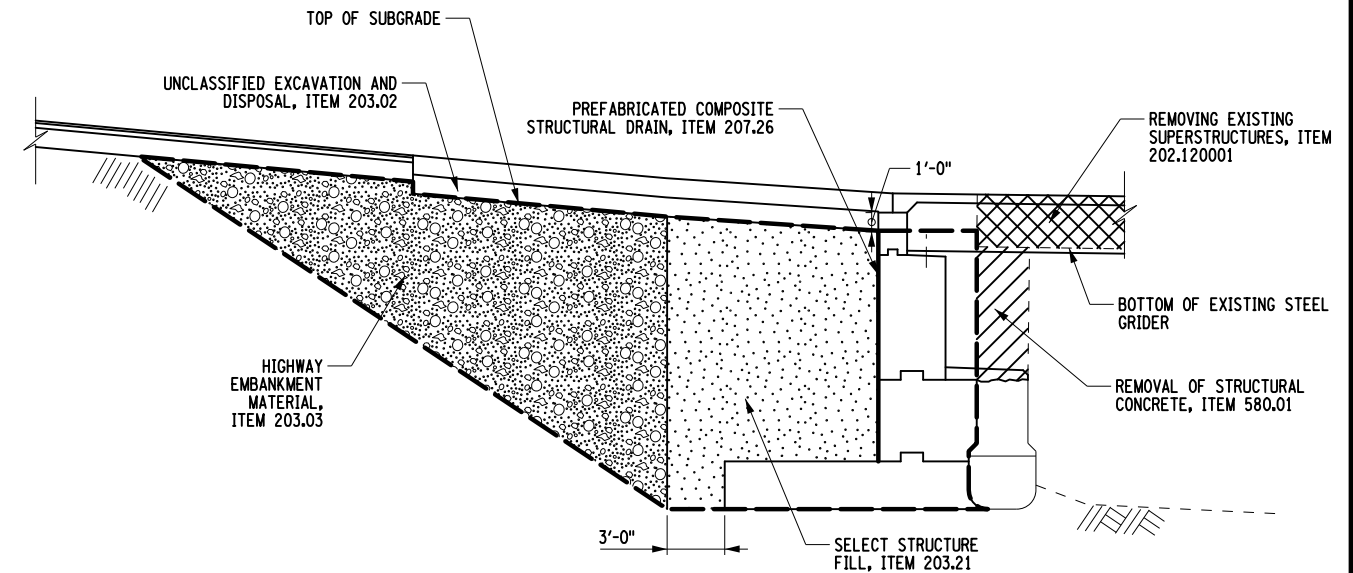
SECTION A-A



SECTION C-C



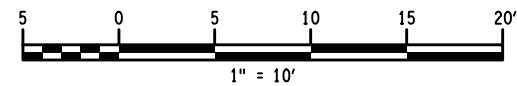
SECTION B-B



SECTION D-D

NOTES:

1. MATERIALS REMOVED AND PAID FOR UNDER THE EXCAVATION OF SUBSTRUCTURES ITEM SHALL NOT ALSO BE PAID FOR UNDER THE STRUCTURE EXCAVATION ITEM.
2. FOR BEGIN ABUTMENT PLAN SEE DWG. NO. ST-3.
3. FOR END ABUTMENT PLAN SEE DWG. NO. ST-4.



AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EXCAVATION AND EMBANKMENT
SECTIONS

CONTRACT NUMBER
RFP 06-23

DRAWING NO. ST-5
SHEET NO. 16

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.

AECOM

**MONTGOMERY
COUNTY NY**

FINISHING CONCRETE SURFACES:
IMMEDIATELY AFTER FORMS HAVE BEEN
REMOVED, SURFACES EXPOSED TO VIEW
SHALL HAVE ALL PROJECTIONS AND
IRREGULARITIES REMOVED AND ALL
CAVITIES NEATLY FILLED WITH MORTAR
OF THE PROPORTION USED IN THE
CONCRETE. ALL OTHER REQUIREMENTS OF
SUBSECTION 555-3.07 OF THE NEW YORK
STATE DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED
JANUARY 1, 2023 IN EFFECT AS OF
FEBRUARY 2023.

2'-6" MIN.
SEE NOTE 2

THE COST TO REMOVE ROCK
DURING THE EXCAVATION OF
THE PROPOSED FOOTING
SHALL BE INCLUDED IN THE
UNIT PRICE BID FOR
STRUCTURE EXCAVATION,
ITEM 206.01

BEGIN ABUTMENT TYPICAL SECTION (SECTION A-A)

CONCRETE TABLE		
PLACEMENT	QUANTITY (CY)	ITEM NO.
1	31.0	555.97020016
2	15.0	555.97010016
3	27.3	555.97010016
4	4.7	555.97010016
5	2.2	555.97010016

NOTES:

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER

- CONCRETE POUR QUANTITIES ARE BASED ON DIMENSIONS SHOWN. DIMENSIONS HAVE BEEN ESTIMATED DUE TO LIMITED "AS-BUILT" INFORMATION.
- BOTTOM OF FOOTING SHALL BE LEVEL WITH BOTTOM OF EXISTING ABUTMENT FOOTING. MINIMUM FOOTING THICKNESS SHALL BE 2'-6".
- EXISTING SUPERSTRUCTURE AND SUBSTRUCTURE SHALL NOT BE REMOVED UNTIL 7 DAYS AFTER POUR 2 HAS CAST OR CONCRETE BREAKS REACH 3000 PSI, WHICHEVER IS SOONER. ALTERNATE METHODS TO SUPPORT THE EXISTING PORTION OF THE ABUTMENT TO REMAIN MAY BE SUBMITTED FOR APPROVAL.
- SEE DWG. NO. ST-7 FOR SECTION B-B.
- ACTUAL LOCATION OF THE EXISTING SUBSTRUCTURE(S) SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FORMING OF STRUCTURAL CONCRETE.
- WEEP DRAINS SHALL BE DRILLED PRIOR TO FORMING OF NEW CONCRETE IN POUR 2.
- THE MINIMUM GAP BETWEEN THE DECK SLAB AND THE CHEEKWALL SHALL BE 2" FILLED WITH PREMOULDED RESILIENT JOINT FILLER CONFORMING TO MATERIAL SPECIFICATION 705-07. PAYMENT TO BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM 557.2003.
- PRIOR TO REMOVING EXISTING CONCRETE, ALL EXPOSED CONCRETE SURFACES AT TIME OF REMOVAL SHALL HAVE A 1" MINIMUM SAWCUT, REFER TO SAWCUT DETAILS ON DWG. NO. MSD-2.

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

BEGIN ABUTMENT
PLAN AND ELEVATION

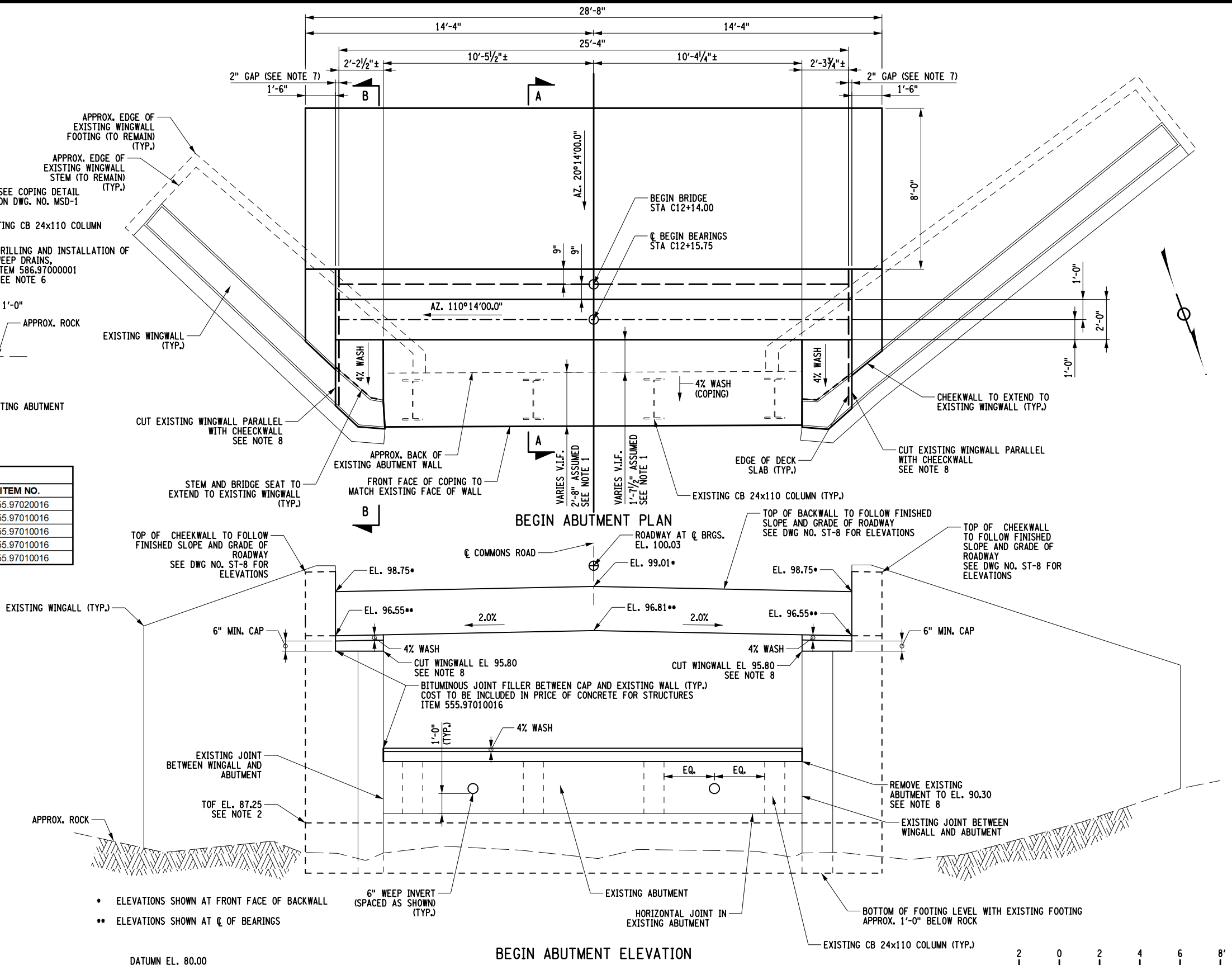
CONTRACT NUMBER
RFP 06-23

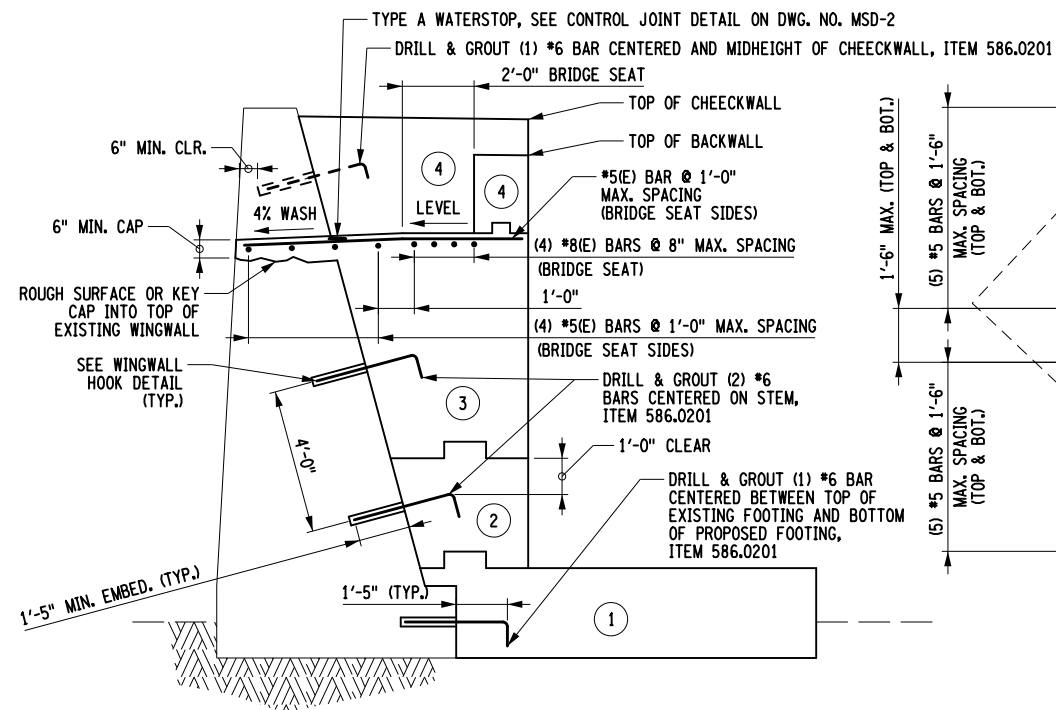
DRAWING NO. ST-6
SHEET NO. 17

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.

AECOM

MONTGOMERY
COUNTY NY





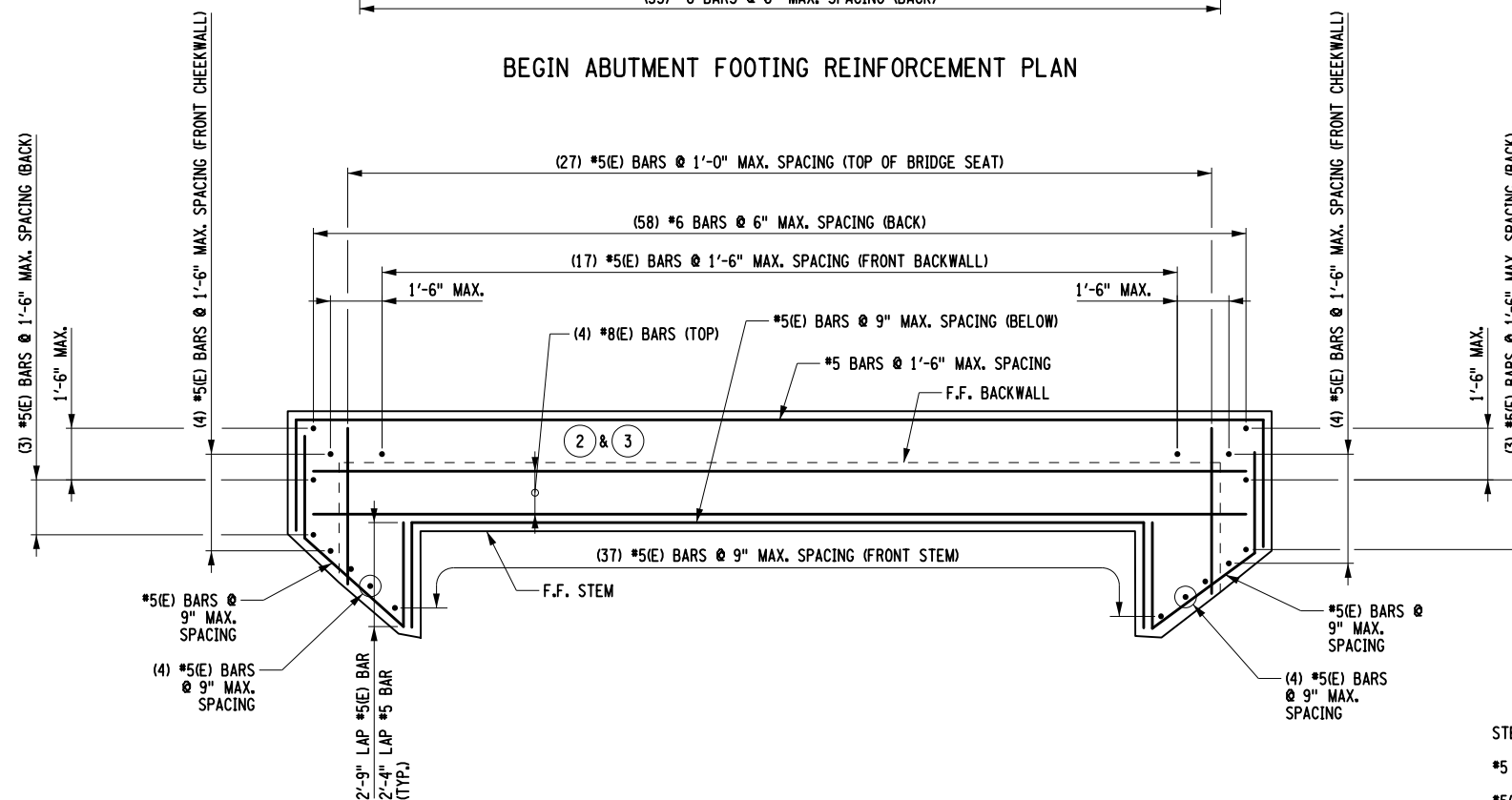
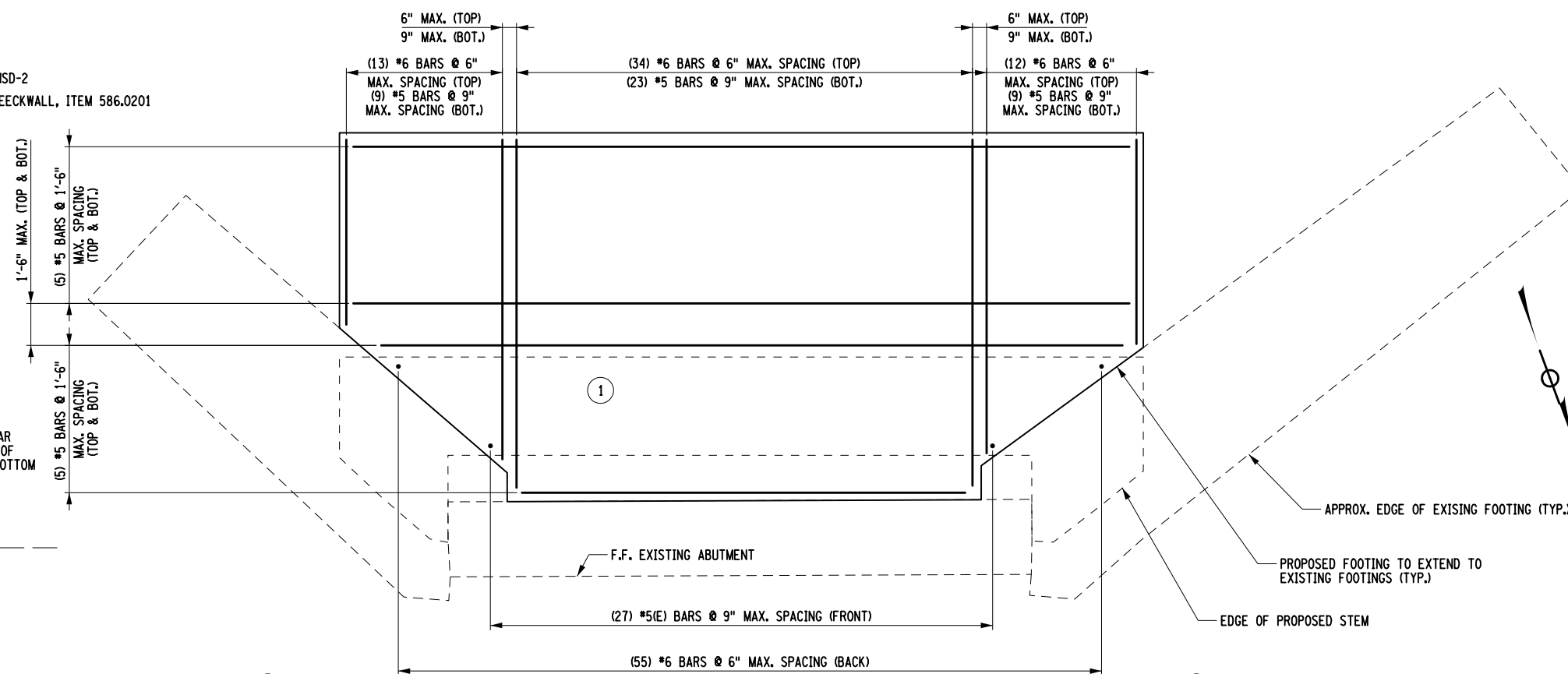
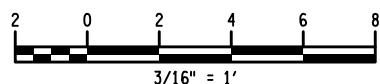
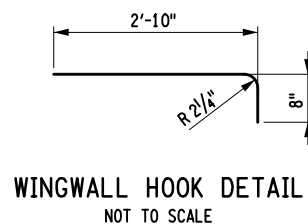
DRILL & GROUT BARS TABLE		
PLACEMENT	QUANTITY (EA)	ITEM NO.
1	7	586.0201
2	7	586.0201
3	4	586.0201
4	2	586.0201
5	5	586.0201

NOTES:

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER

(E) - DENOTES EPOXY COATED BARS

1. COVER FOR STEEL REINFORCEMENT IN FOOTING SHALL BE 3" UNLESS OTHERWISE NOTED. ALL OTHER COVER SHALL BE 2" UNLESS OTHERWISE NOTED.
2. SEE DWG. NO. ST-6 FOR LOCATION OF SECTION B-B.



STEM AND LOWER WINGWALL LAP NOTES:

*5 BARS LAP = 2'-4"

*5(E) BARS LAP = 2'-9"

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PTN	N/A
-----	-----

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

BEGIN ABUTMENT REINFORCEMENT
PLAN (1 OF 2)

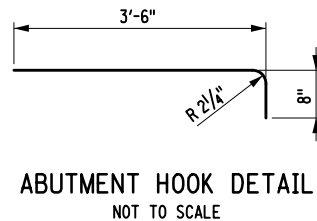
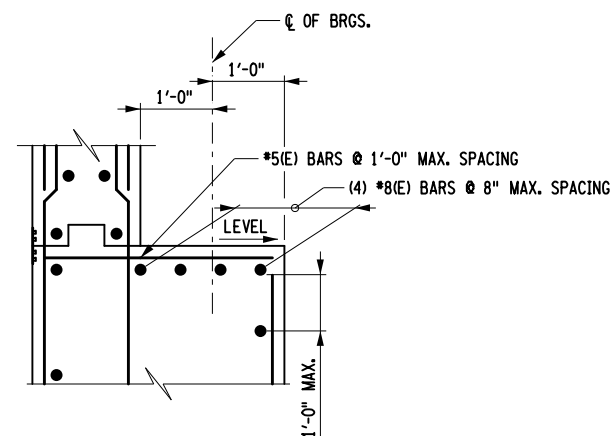
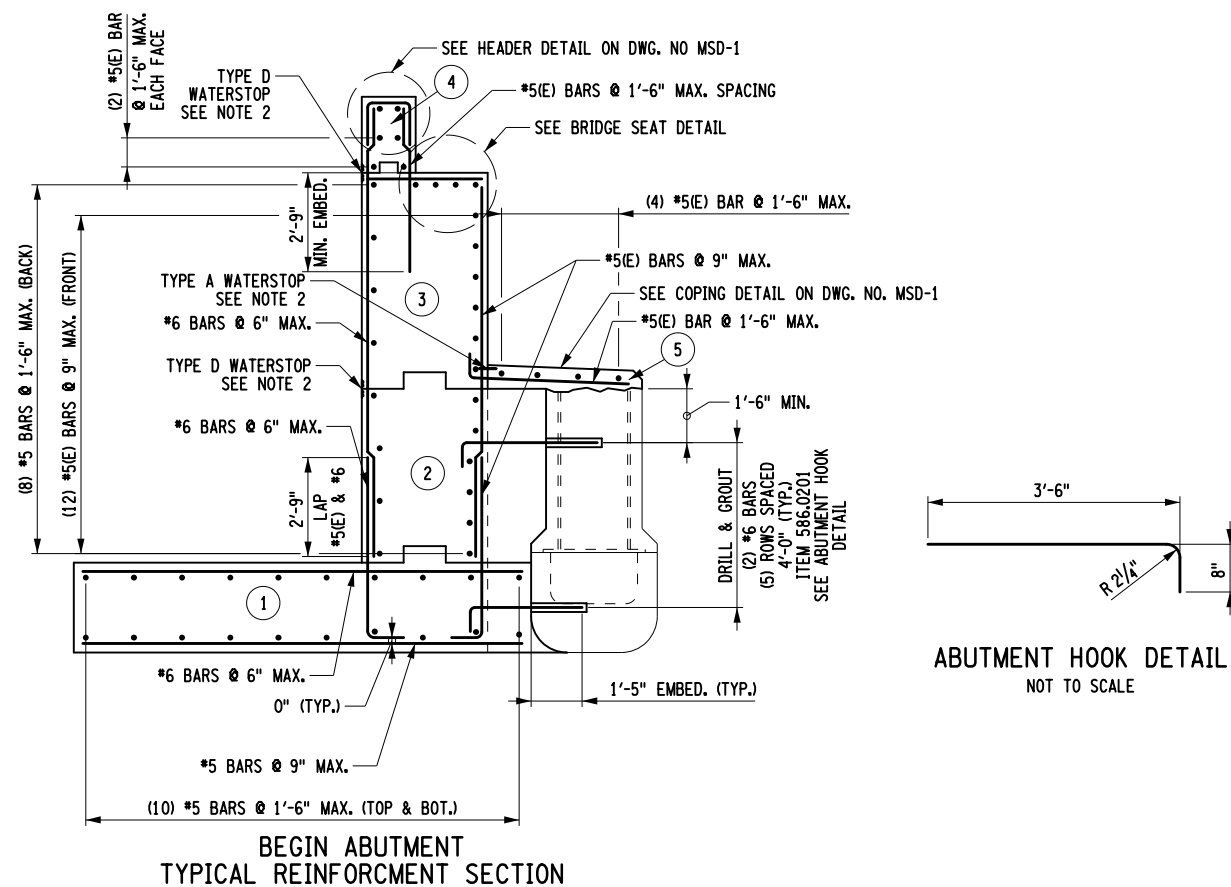
CONTRACT NUMBER
RFP 06-23

DRAWING NO. ST-7
SHEET NO. 18

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.

AECOM

MONTGOMERY
COUNTY NY

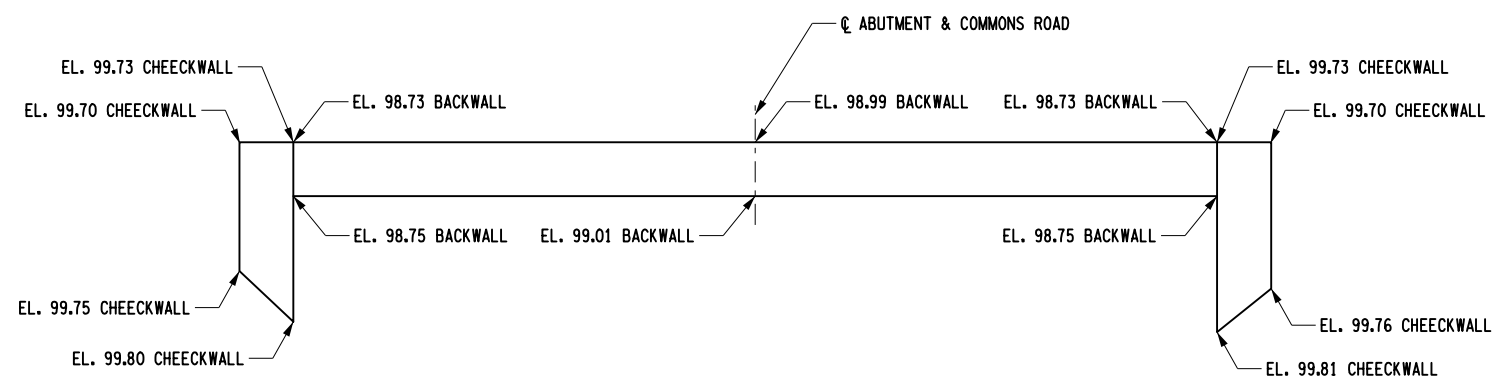
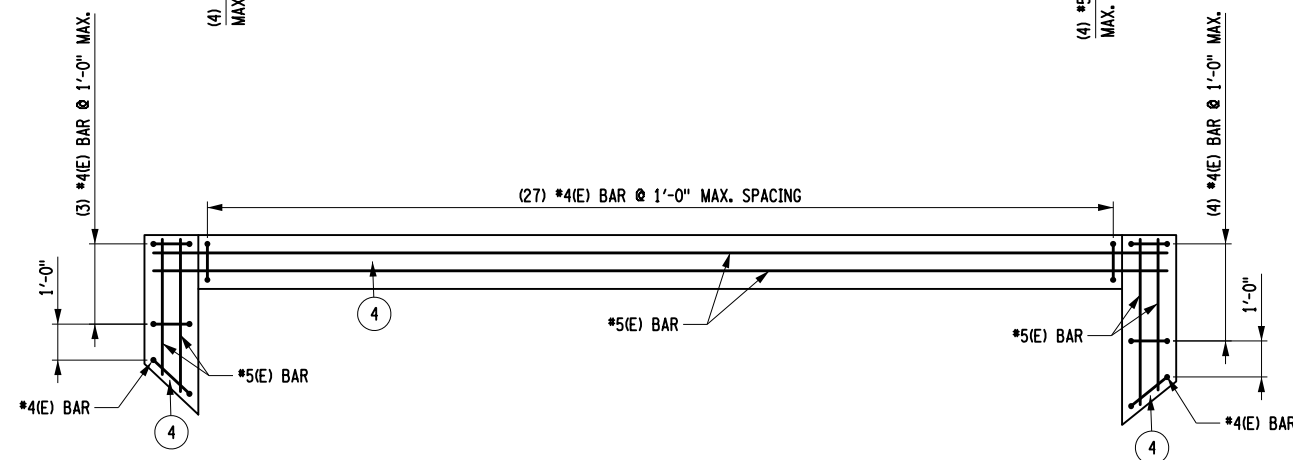
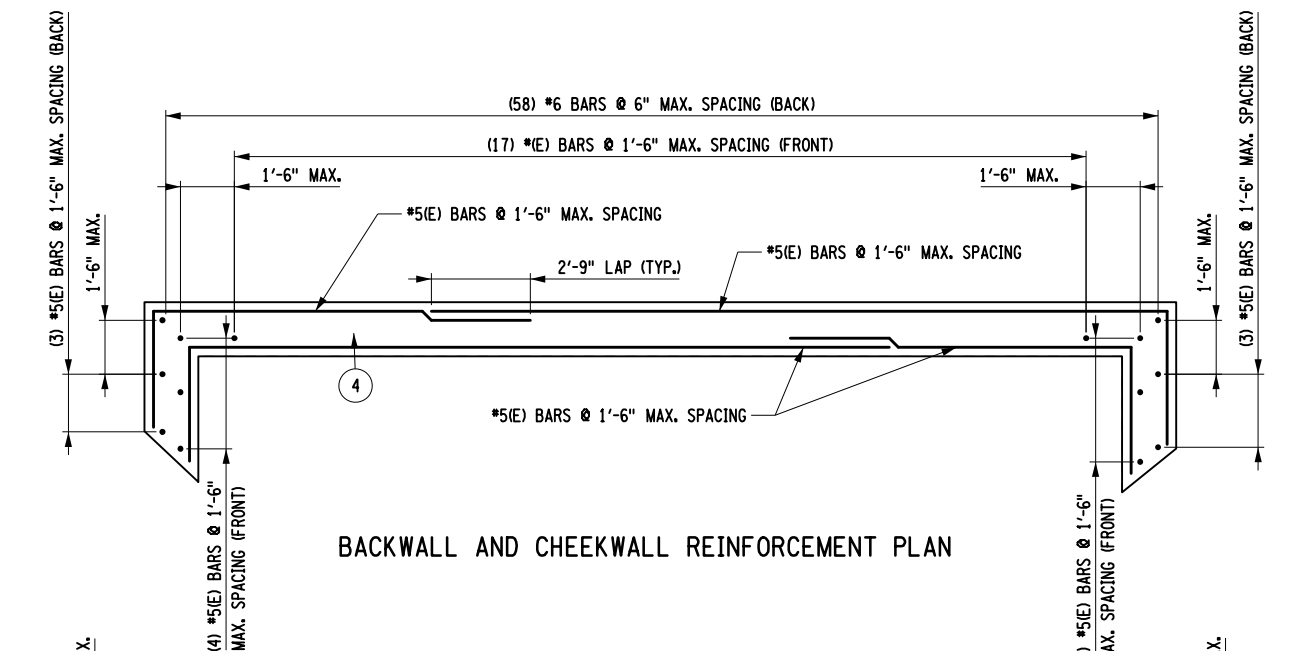
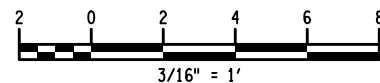


NOTES:

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER

(E) - DENOTES EPOXY COATED BARS

1. COVER FOR STEEL REINFORCEMENT IN FOOTING SHALL BE 3" UNLESS OTHERWISE NOTED. ALL OTHER COVER SHALL BE 2" UNLESS OTHERWISE NOTED.
2. THE COST OF TYPE A AND TYPE D WATERSTOPS SHALL BE INCLUDED IN PRICE OF CONCRETE FOR STRUCTURES ITEM 555.97010016.



AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN	N/A
-----	-----

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

BEGIN ABUTMENT REINFORCEMENT
PLAN (2 OF 2)

CONTRACT NUMBER
RFP 06-23

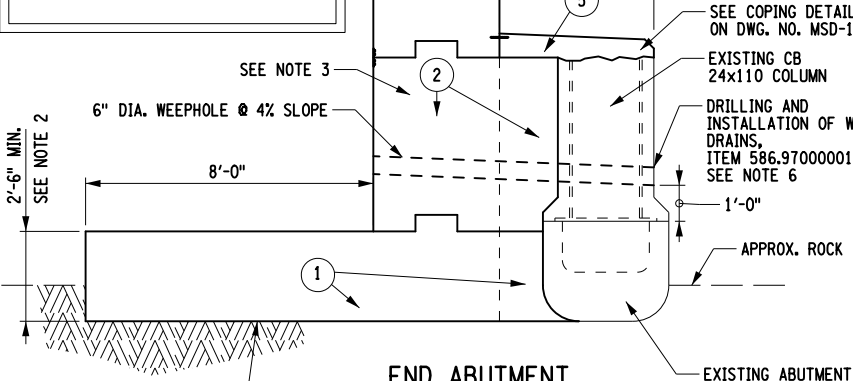
DRAWING NO. ST-8
SHEET NO. 19

SHEET NO. 19

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.



FINISHING CONCRETE SURFACES:
IMMEDIATELY AFTER FORMS HAVE BEEN
REMOVED, SURFACES EXPOSED TO VIEW
SHALL HAVE ALL PROJECTIONS AND
IRREGULARITIES REMOVED AND ALL
CAVITIES NEATLY FILLED WITH MORTAR
OF THE PROPORTION USED IN THE
CONCRETE. ALL OTHER REQUIREMENTS OF
SUBSECTION 555-3.07 OF THE NEW YORK
STATE DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED
JANUARY 1, 2023 IN EFFECT AS OF
FEBRUARY 2023.



END ABUTMENT
TYPICAL SECTION
(SECTION A-A)

CONCRETE TABLE		
PLACEMENT	QUANTITY (CY)	ITEM NO.
1	32.0	555.97020016
2	19.9	555.97010016
3	27.8	555.97010016
4	5.2	555.97010016
5	2.2	555.97010016

NOTES;

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER

1. CONCRETE POUR QUANTITIES ARE BASED ON DIMENSIONS SHOWN. DIMENSIONS HAVE BEEN ESTIMATED DUE TO LIMITED "AS-BUILT" INFORMATION.
2. BOTTOM OF FOOTING SHALL BE LEVEL WITH BOTTOM OF EXISTING ABUTMENT FOOTING. MINIMUM FOOTING THICKNESS SHALL BE 2'-6".
3. EXISTING SUPERSTRUCTURE AND SUBSTRUCTURE SHALL NOT BE REMOVED UNTIL 7 DAYS AFTER POUR 2 HAS CAST OR CONCRETE BREAKS REACH 3000 PSI, WHICHEVER IS SOONER. ALTERNATE METHODS TO SUPPORT THE EXISTING PORTION OF THE ABUTMENT TO REMAIN MAY BE SUBMITTED FOR APPROVAL.
4. SEE DWG. NO. ST-10 FOR SECTION B-B.
5. ACTUAL LOCATION OF THE EXISTING SUBSTRUCTURE(S) SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FORMING OF STRUCTURAL CONCRETE.
6. WEEP DRAINS SHALL BE DRILLED PRIOR TO FORMING OF NEW CONCRETE IN POUR 2.
7. THE MINIMUM GAP BETWEEN THE DECK SLAB AND THE CHEEKWALL SHALL BE 2" FILLED WITH PREMOULDED RESILIENT JOINT FILLER CONFORMING TO MATERIAL SPECIFICATION 705-07. PAYMENT TO BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM 557.2003.
8. PRIOR TO REMOVING EXISTING CONCRETE, ALL EXPOSED CONCRETE SURFACES AT TIME OF REMOVAL SHALL HAVE A 1" MINIMUM SAWCUT, REFER TO SAWCUT DETAILS ON DWG. NO. MSD-2.

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

END ABUTMENT
PLAN AND ELEVATION

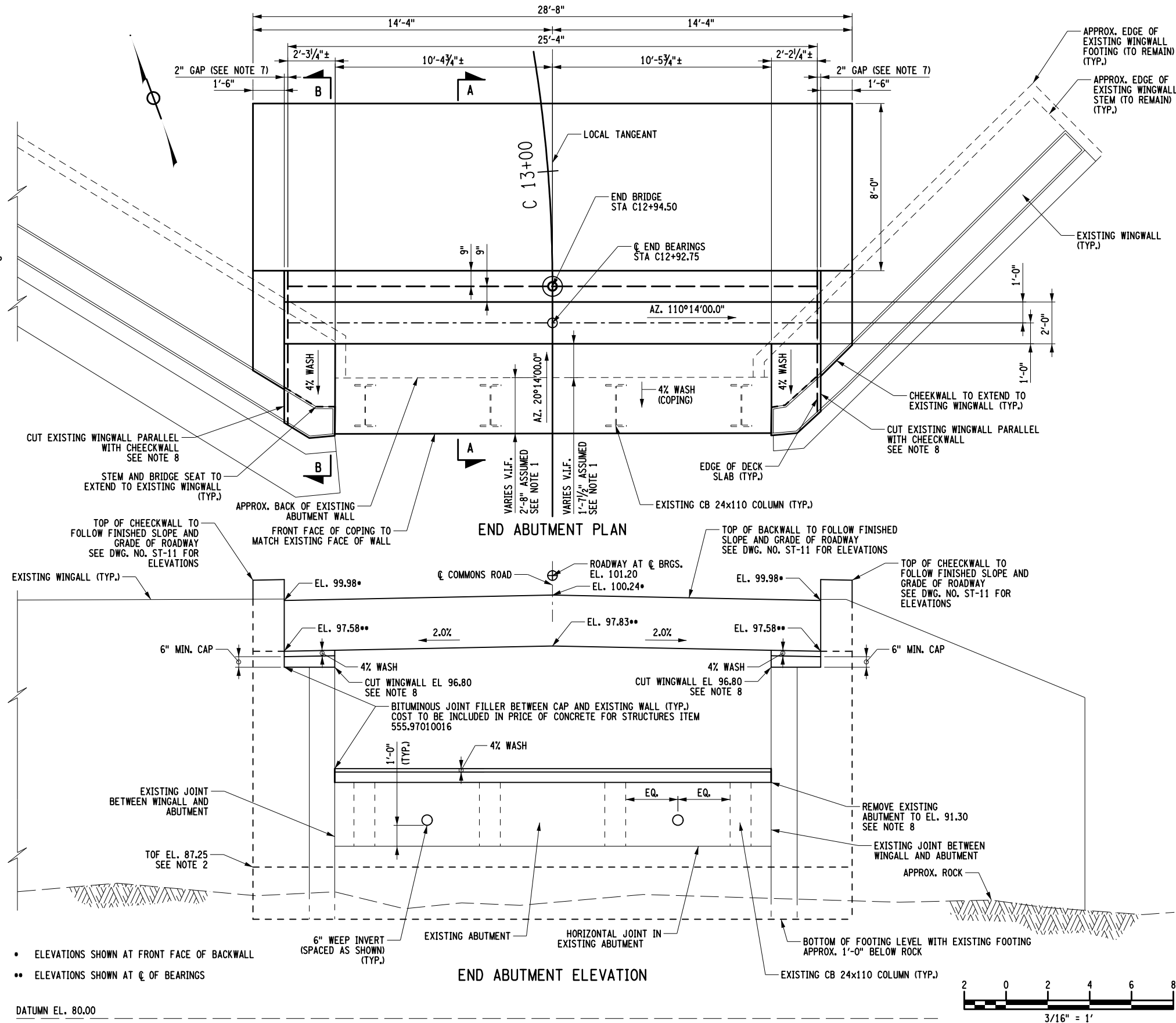
CONTRACT NUMBER
RFP 06-23

DRAWING NO. ST-9
SHEET NO. 20

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.

AECOM

MONTGOMERY
COUNTY NY



AECOM  **MONTGOMERY**
COUNTY NY

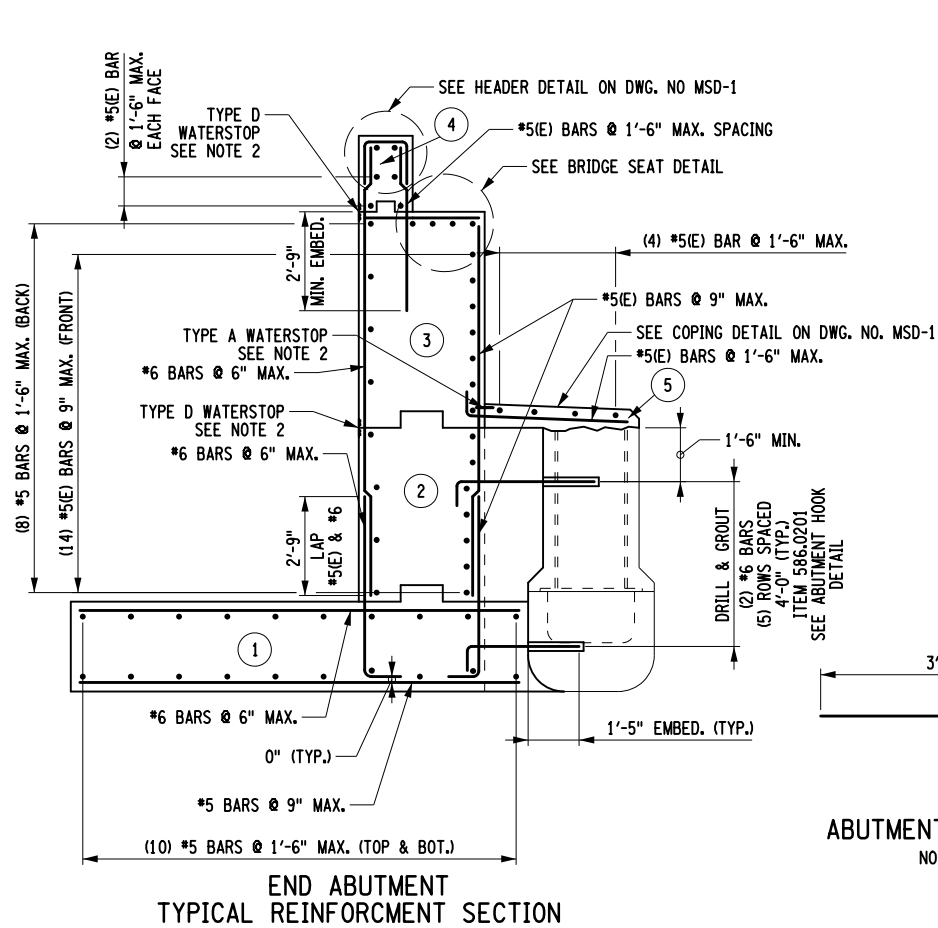
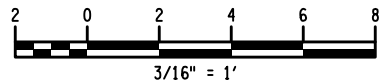
NOTES:

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER

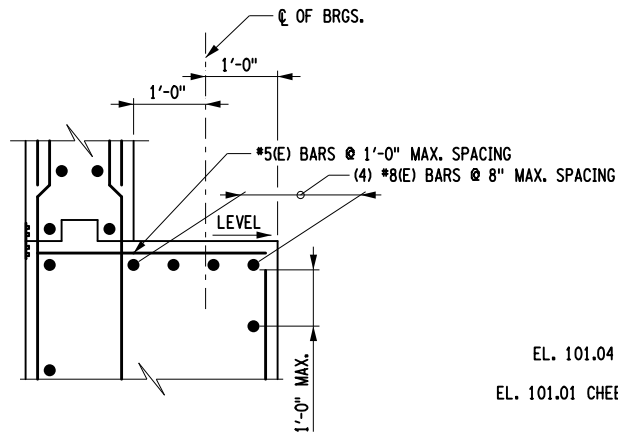
(E) - DENOTES EPOXY COATED BARS

1. COVER FOR STEEL REINFORCEMENT IN FOOTING SHALL BE 3" UNLESS OTHERWISE NOTED. ALL OTHER COVER SHALL BE 2" UNLESS OTHERWISE NOTED.

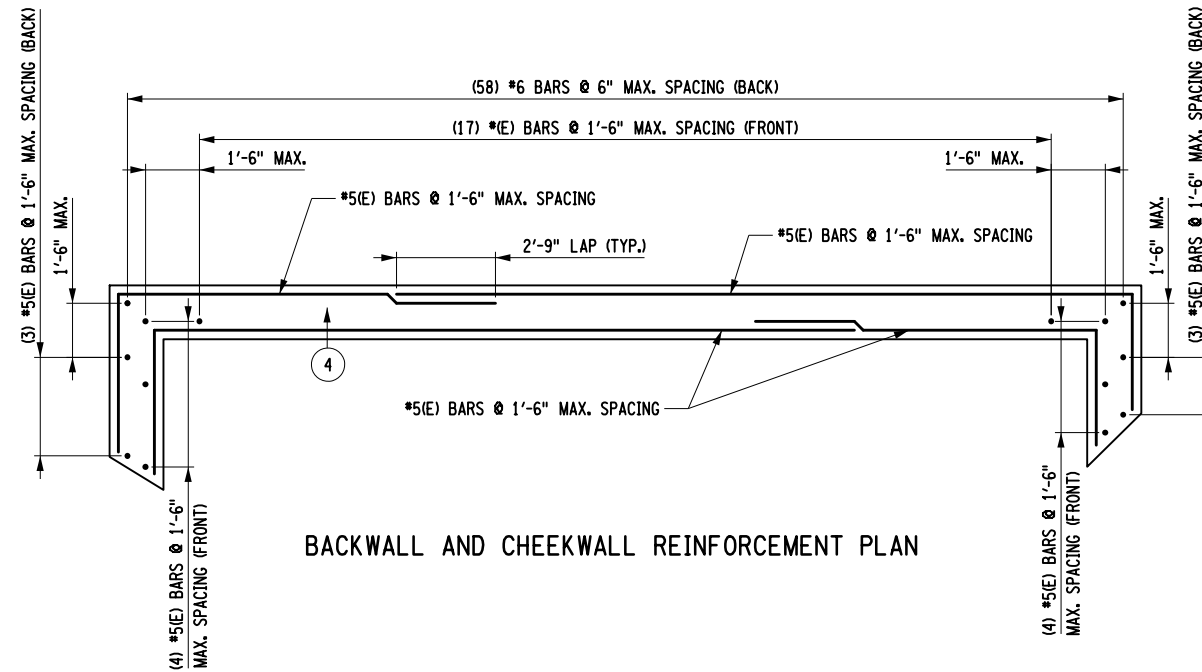
2. THE COST OF TYPE A AND TYPE D WATERSTOPS SHALL BE INCLUDED IN PRICE OF CONCRETE FOR STRUCTURES ITEM 555.97010016.



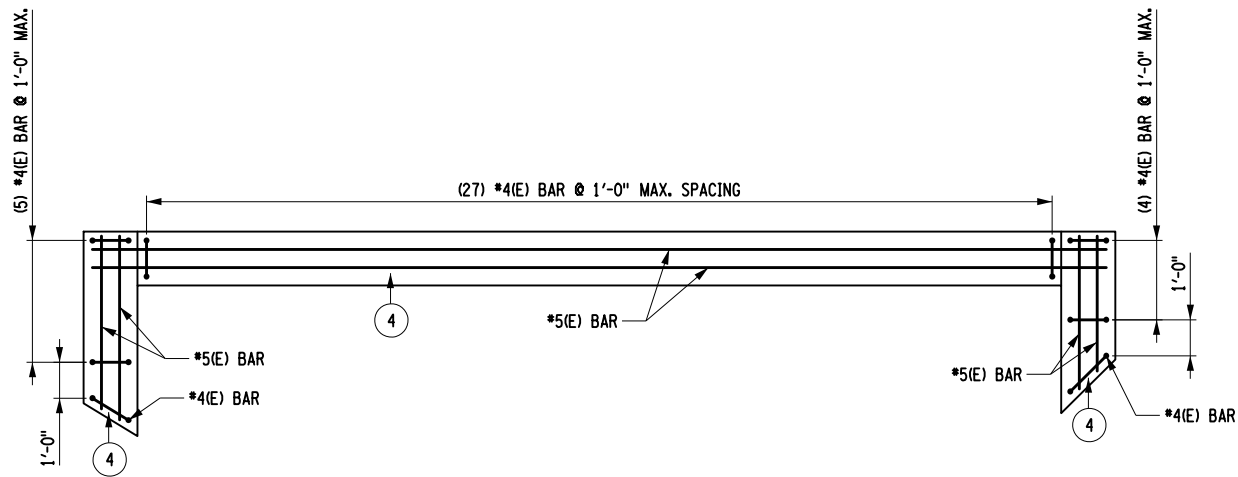
ABUTMENT HOOK DETAIL
NOT TO SCALE



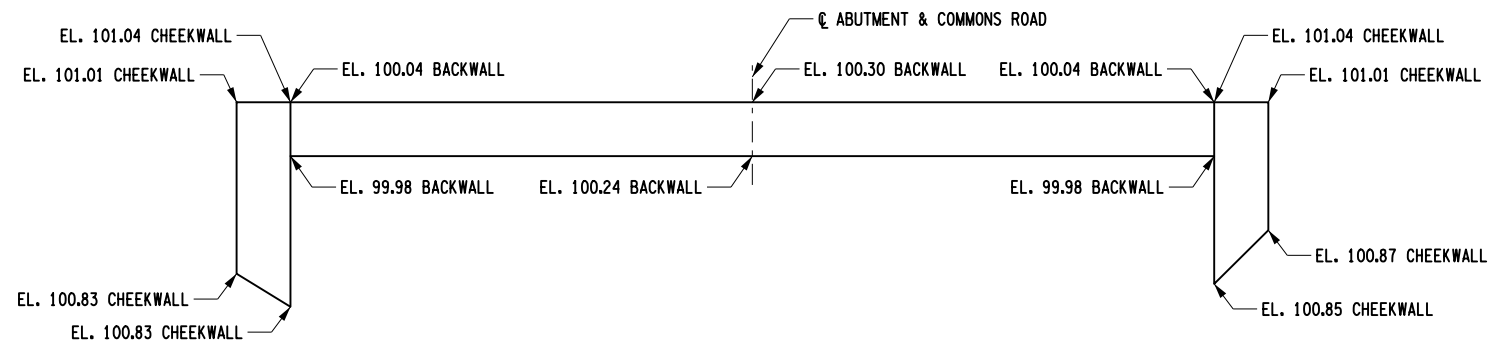
BRIDGE SEAT DETAIL



BACKWALL AND CHEEKWALL REINFORCEMENT PLAN



BACKWALL AND CHEEKWALL HEADER REINFORCEMENT PLAN



BACKWALL AND CHEEKWALL ELEVATION PLAN

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

END ABUTMENT REINFORCEMENT
PLAN (2 OF 2)

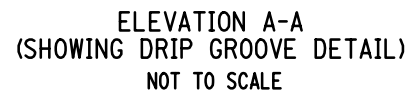
CONTRACT NUMBER
RFP 06-23

DRAWING NO. ST-11
SHEET NO. 22

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.

AECOM

MONTGOMERY
COUNTY NY

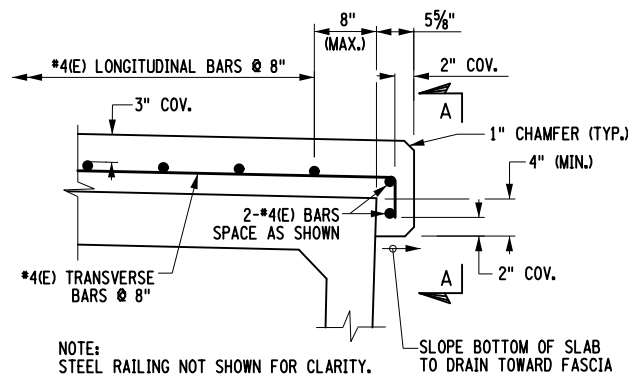


DECK PLACEMENT NOTES:

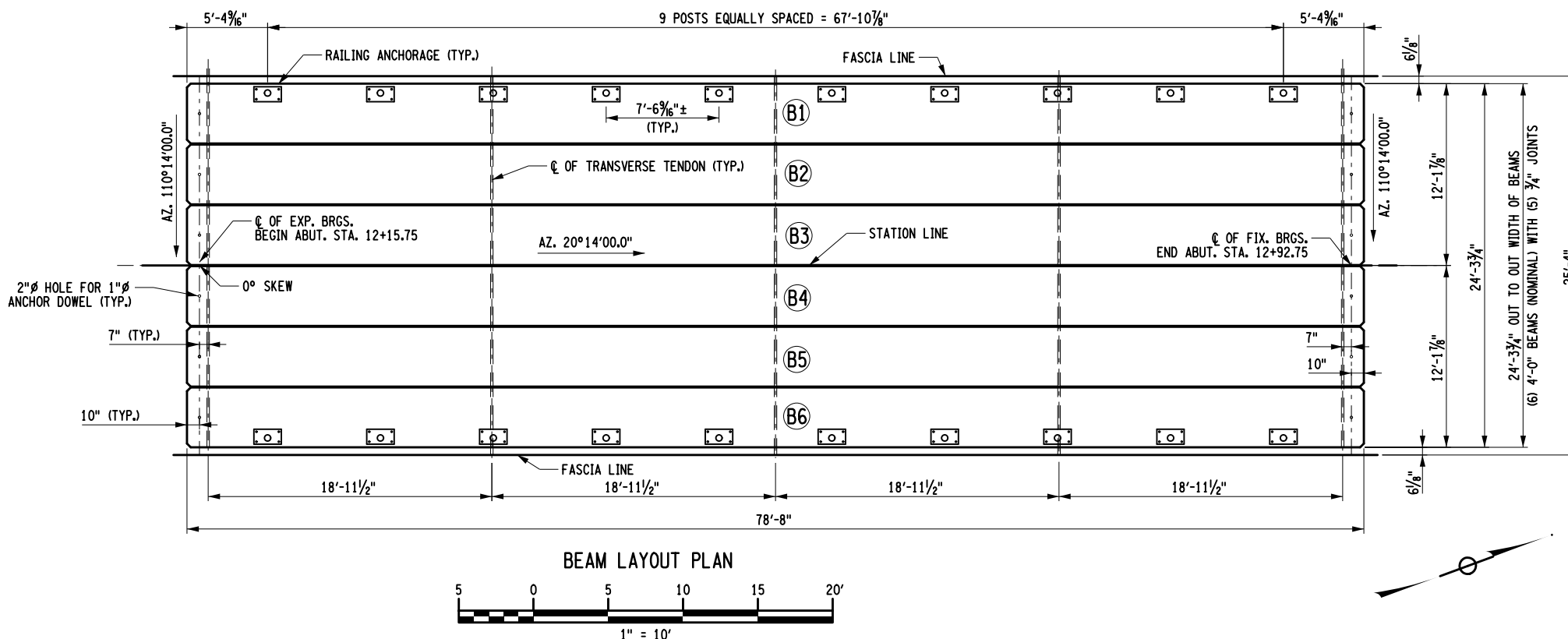
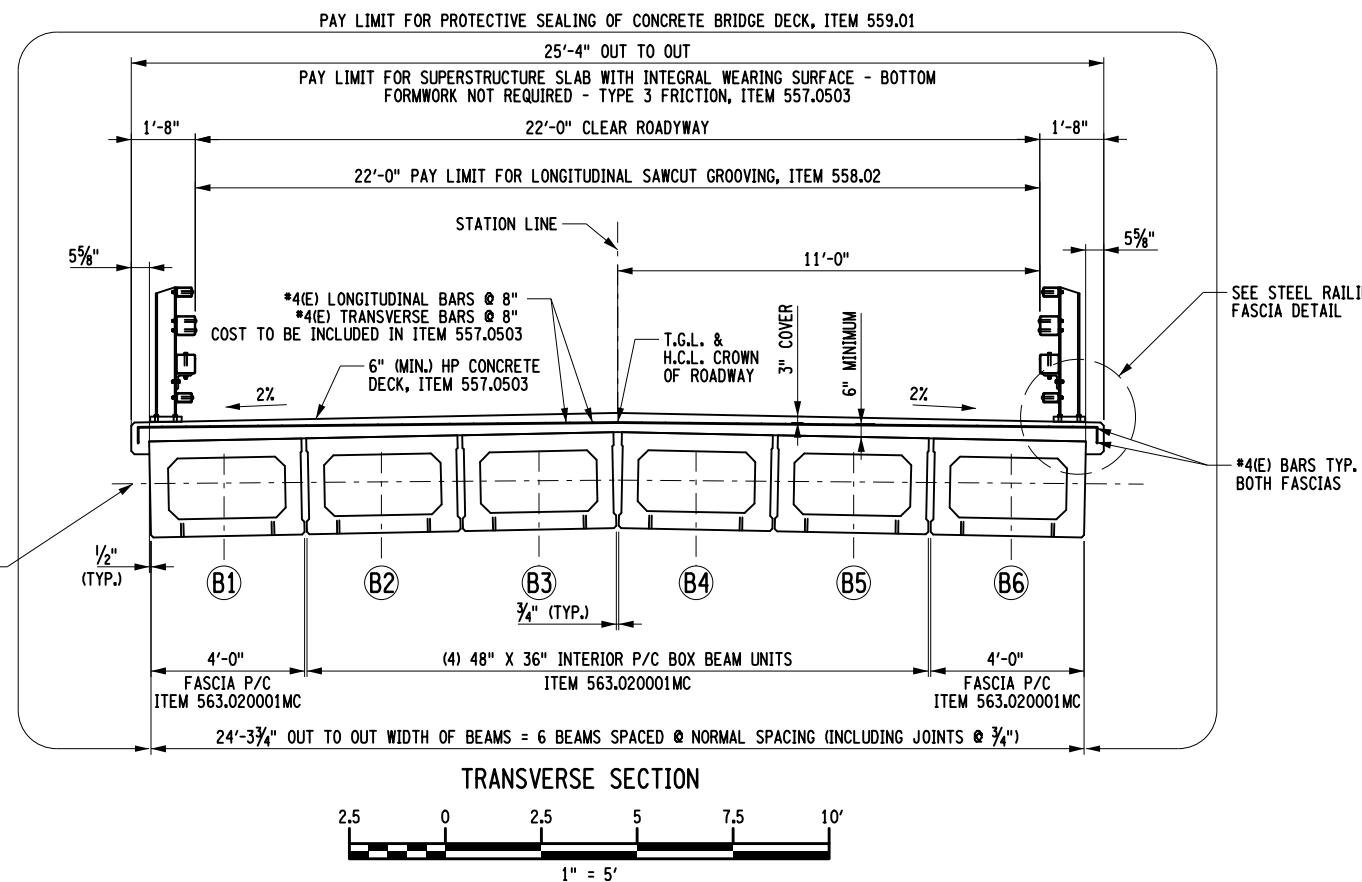
1. CONCRETE PLACEMENT AND FINISHING OPERATIONS SHALL BE PERFORMED AS RAPIDLY AS POSSIBLE. THE ENGINEER MAY DIRECT THE CONTRACTOR TO STOP PLACEMENT OPERATIONS AT ANY TIME IF, IN THE ENGINEER'S OPINION, CONCRETE PLACED DURING THE OPERATION HAS STARTED TO SET, OR IS ABOUT TO SET, AND FURTHER PLACEMENT OF CONCRETE WILL CAUSE DEFLECTION CRACKING.
2. LONGITUDINAL CONSTRUCTION JOINTS NOT SHOWN IN THE PLANS ARE NOT PERMITTED.
3. THE CONTRACTOR SHALL OPERATE FINISHING MACHINE(S) AS CLOSE TO THE SKEW ANGLE AS PRACTICABLE FOR SKEW ANGLES BETWEEN 0° AND 35°. WHEN THE SKEW ANGLE IS GREATER THAN 35° THE FINISHING MACHINE(S) SHALL BE OPERATED AT A MAXIMUM SKEW ANGLE OF 35°.
4. THE CONTRACTOR SHALL PLACE WET BURLAP CURING BLANKETS ON THE CONCRETE DECK WITHIN 30 MINUTES OF THE CONCRETE BEING DEPOSITED INTO THE FORMS OR 5 MINUTES AFTER FINISHING, WHICHEVER COMES FIRST. THE PLACEMENT OF THE TURF DRAG TEXTURE SHALL NOT INTERFERE WITH THESE REQUIREMENTS.
5. IF THE CONTRACTOR'S DECK PLACEMENT OPERATION IS STOPPED PRIOR TO COMPLETION, WHETHER BY THE CONTRACTOR'S DECISION OR BY DIRECTION OF THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A FINISHED DECK GRADE WHICH MATCHES THE PLANNED PROFILE. ANY SUBSEQUENT REVISIONS TO DECK FORMS MADE NECESSARY BY SUCH ACTION SHALL BE AT NO COST TO THE STATE.

NOTES:

1. AFTER THE CONTRACTOR ERECTS THE PRESTRESSED BEAMS THE CONTRACTOR SHALL FURNISH TO THE ENGINEER THE TOP OF BEAM ELEVATIONS AT QUARTER POINTS FOR EACH BEAM. THE ENGINEER WILL VERIFY THAT THERE WILL BE A MINIMUM 6" THICK CONCRETE SLAB THICKNESS. NO CAMBER HAS BEEN ASSUMED. THE CONTRACTOR WILL BE ALLOWED TO ADJUST THE BRIDGE SEAT ELEVATION TO MINIMIZE THE CONCRETE DECK THICKNESS BASED ON THE DESIGN CAMBER. IF THE ACTUAL CAMBER DOES NOT MATCH THE DESIGN CAMBER THEN THE ENGINEER MAY ELECT TO MODIFY THE PROFILE. THE PRICE BID TO DO THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 563.020001MC. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR ADDITIONAL CONCRETE NECESSARY FOR THE CONCRETE DECK TO MAINTAIN THE MINIMUM 6" SLAB THICKNESS.
2. REFER TO NYSDOT BRIDGE DETAIL SHEETS (PC-E) FOR PRESTRESSED CONCRETE BOX BEAM DETAILS.



STEEL RAIL FASCIA DETAIL
NOT TO SCALE



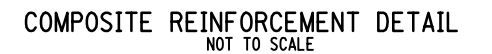
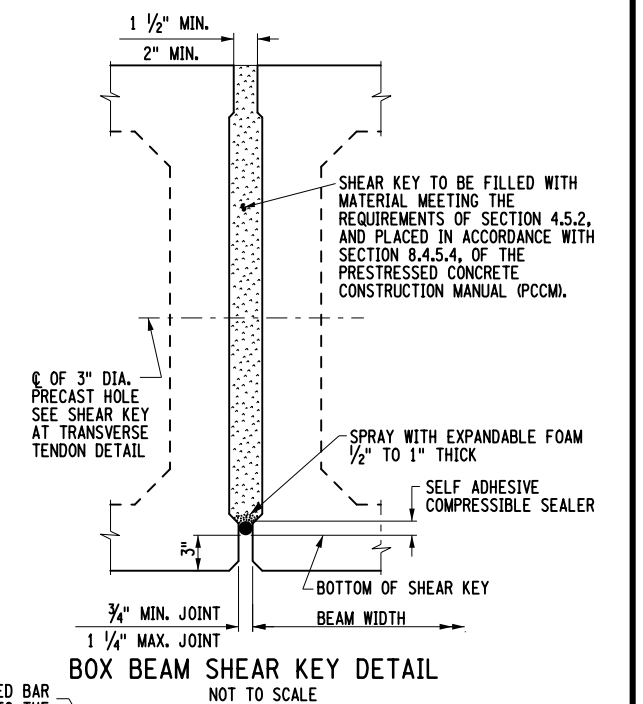
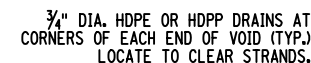
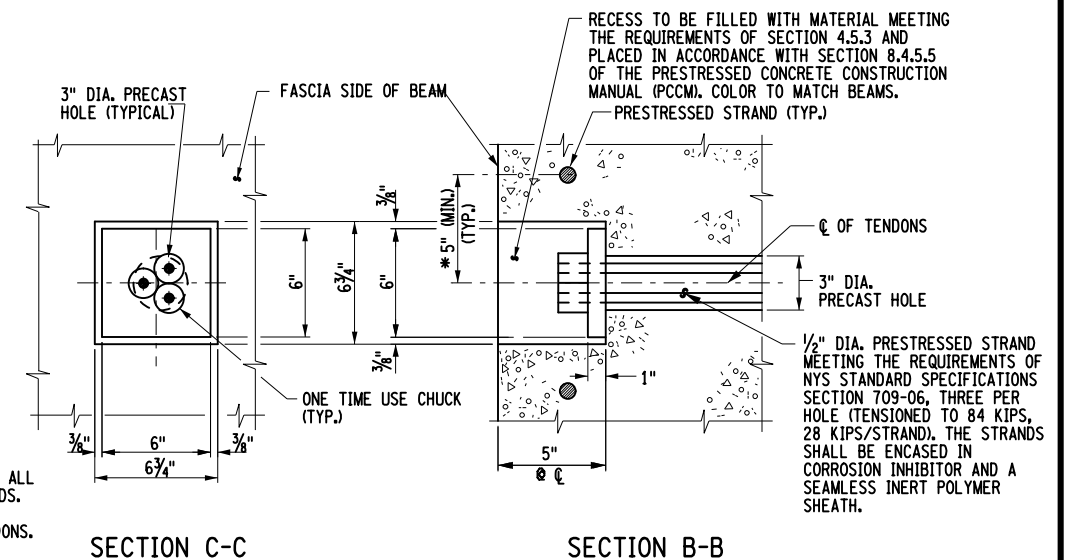
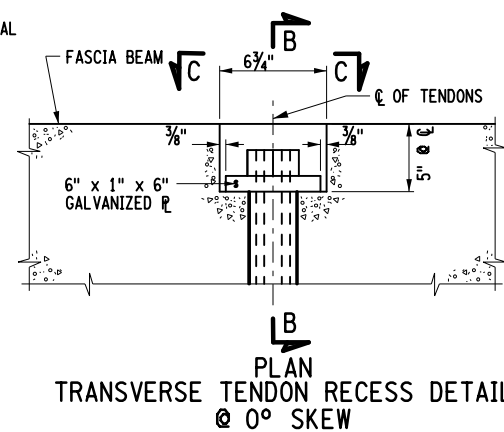
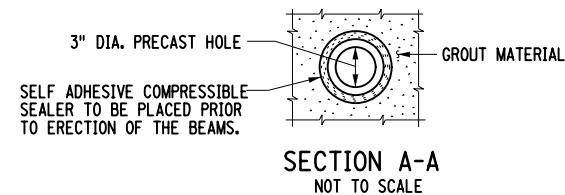
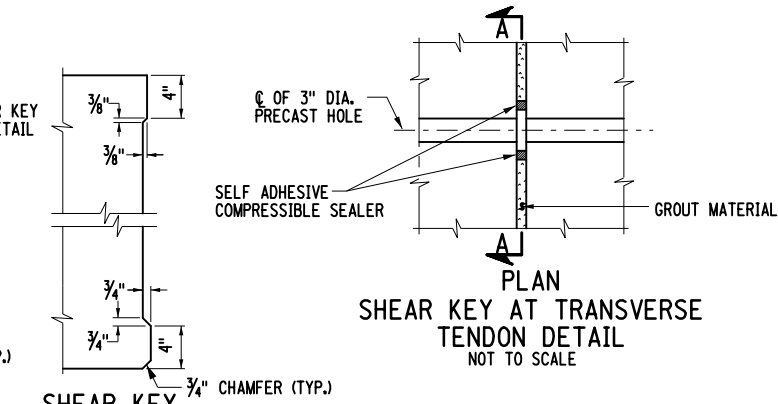
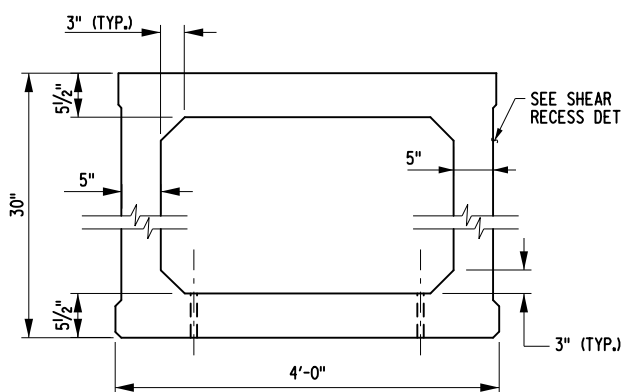
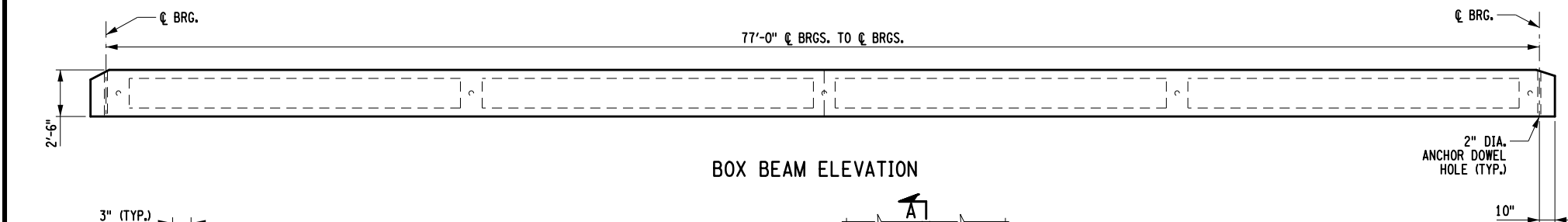
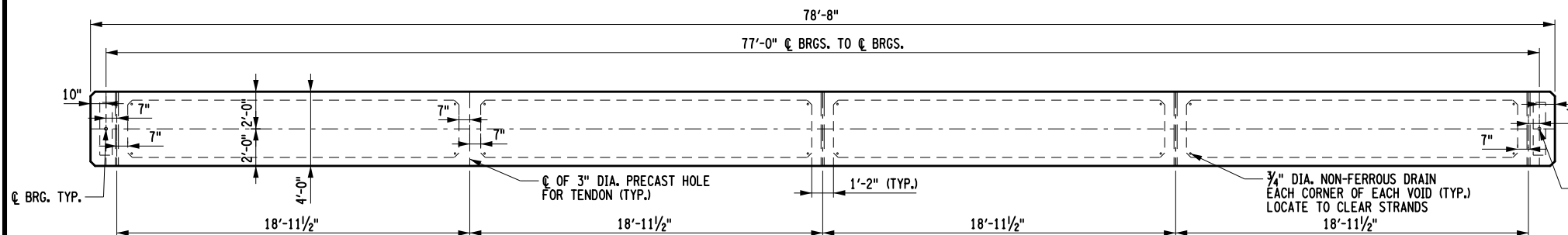
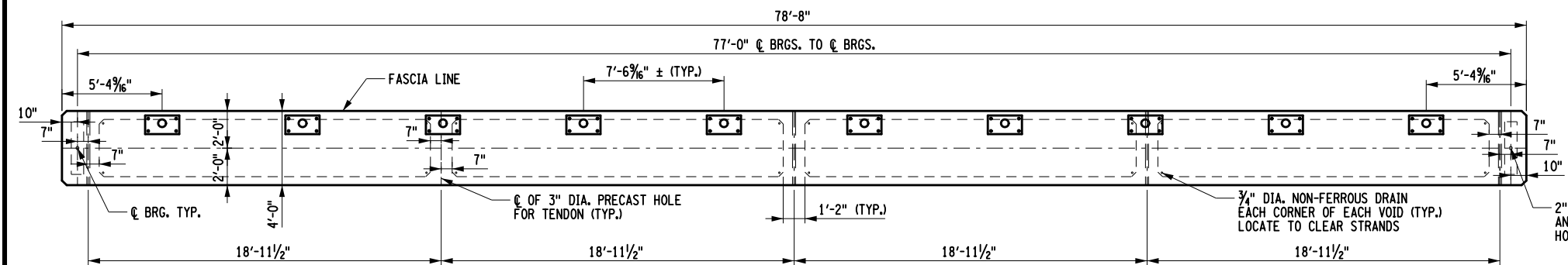
ALTERED BY:
ON:



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.

AECOM

MONTGOMERY
COUNTY NY



AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN	N/A
-----	-----

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

PRESTRESSED BOX BEAM DETAILS

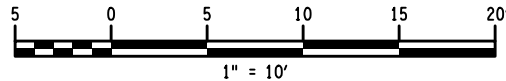
CONTRACT NUMBER
RFP 06-23

DRAWING NO. ST-13
SHEET NO. 24

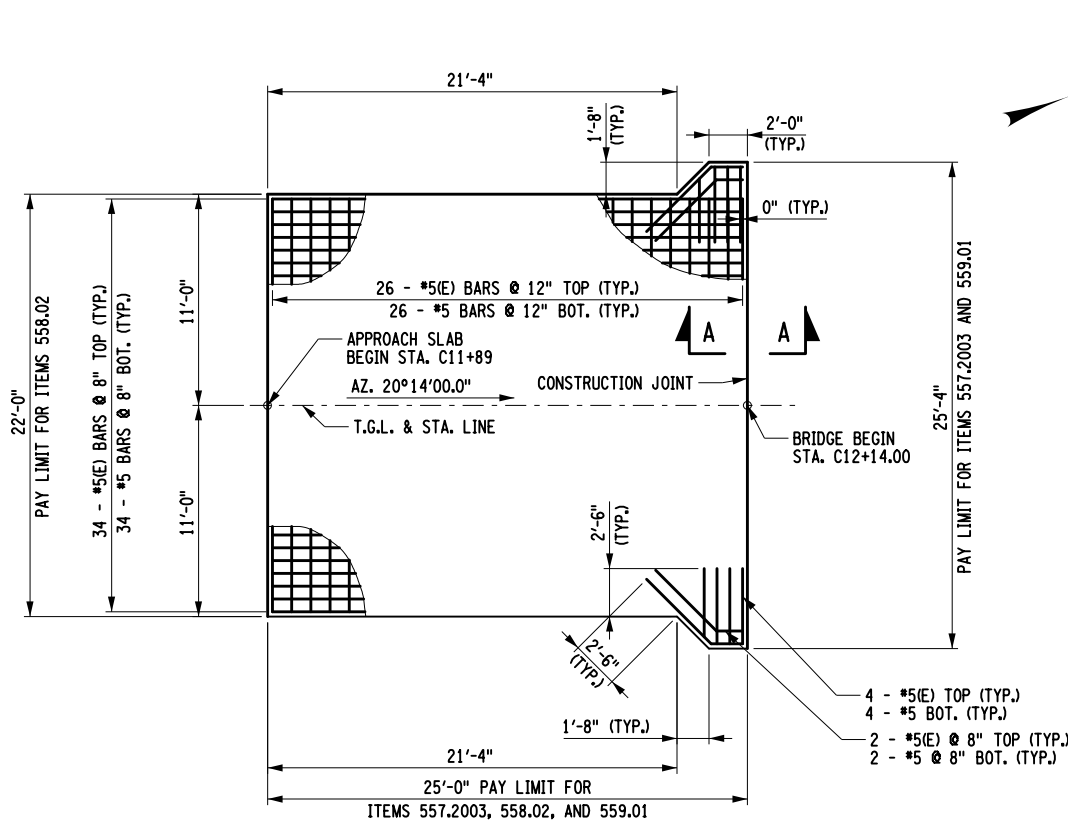
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AECOM  **MONTGOMERY COUNTY** NY

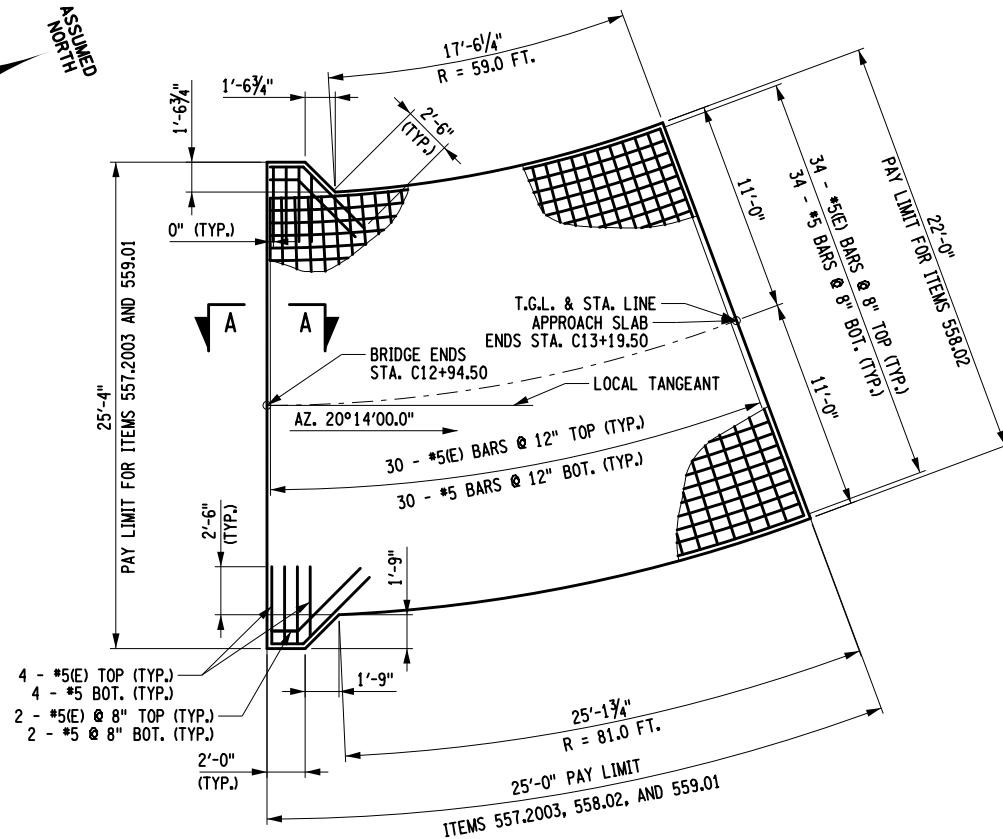
NOTES:
ALL REINFORCEMENT SHALL HAVE 3 INCH COVER UNLESS OTHERWISE NOTED.
(E) DENOTES EPOXY COATED REINFORCEMENT.



BEGIN APPROACH SLAB PLAN



END APPROACH SLAB PLAN



NOTES:

- TO PERMIT UNHINDERED LONGITUDINAL MOVEMENT OF SLAB, THE SURFACE OF THE SUBBASE COURSE MUST BE ACCURATELY CONTROLLED TO FOLLOW AND BE PARALLEL TO THE ROADWAY GRADE AND CROSS SLOPE. POLYETHYLENE CURING COVERS (WHITE OPAQUE) IN ACCORDANCE WITH MATERIAL SPECIFICATION SUBSECTION 711-04 SHALL BE PLACED ON THE FINISHED SUBBASE COURSE THE FULL WIDTH OF THE APPROACH SLAB PRIOR TO PLACEMENT OF THE REINFORCEMENT. THE CURING COVERS SHALL BE .004 in. THICK, AND LAPS SHALL BE 2 ft. MINIMUM.
- TOP SURFACES OF STRUCTURAL SLABS AND APPROACH SLABS SHALL BE GROOVED UNDER THE SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE ITEM.
- THE FULL DEPTH JOINT SHOWN IS MANDATORY. A PARTIAL DEPTH SAWCUT IS NOT PERMITTED. SEE JOINT DETAIL THIS SHEET.
- TOP OF BACKWALL SHALL BE STEEL TROWEL FINISHED. SHEET GASKET (TREATED BOTH SIDES) MATERIAL SPECIFICATION 728-06, SHALL BE PLACED ON THE TOP OF BACKWALLS. TWO 1/16" THICK SHEETS SHALL BE USED, AND PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH ITEM.

APPROACH SLAB TABLE			
LOCATION	CONCRETE ITEM 557.2003	LONGITUDINAL SAWCUT GROOVING ITEM 558.02	PROTECTIVE SEALER ITEM 559.01
BEG APPROACH SLAB	62.2 SY	61.1 SY	559.5 SF
END APPROACH SLAB	62.2 SY	61.1 SY	559.4 SF

DRILL AND FILL NOTES:

PREMOULDED RESILIENT JOINT FILLER SHALL MEET THE REQUIREMENTS OF 705-07 AND BE PAID FOR UNDER BEARING ITEM.

THE ENDS OF BEAM AND ANCHOR DOWEL HOLES SHALL BE MADE VERTICAL $\pm 1/4"$, UNDER D.L. AND GRADE. ANCHOR DOWELS TO BE PAID FOR UNDER BEARING ITEM. DOWEL HOLE FILL MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ELASTOMERIC BEARING ITEM AND SHALL MEET MATERIAL REQUIREMENTS AS FOLLOWS:

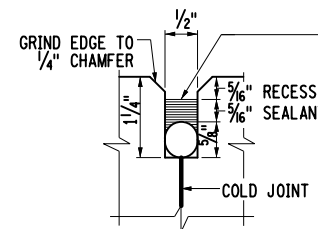
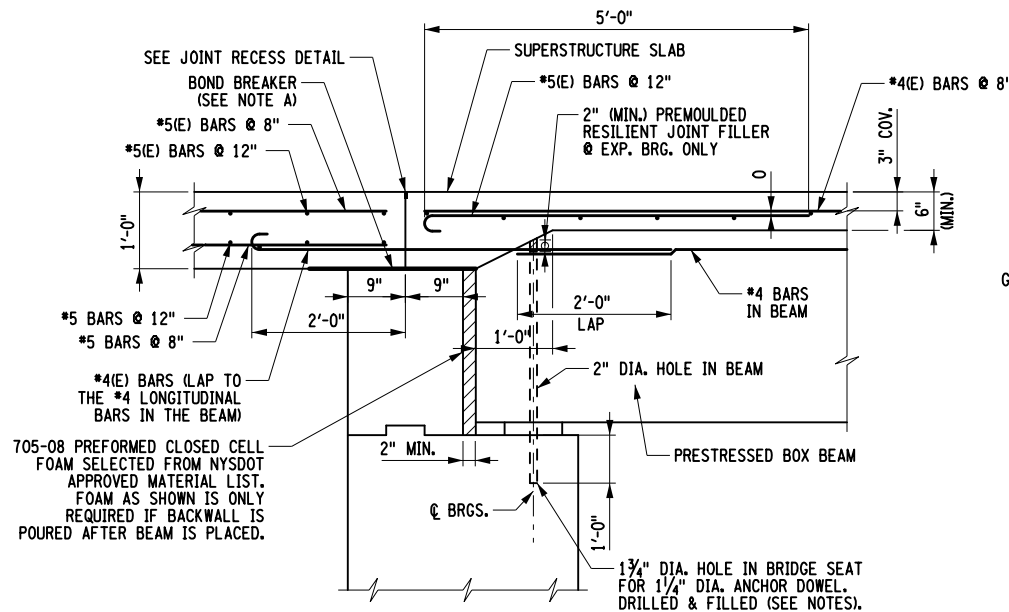
EXPANSION END MATERIAL SHALL MEET THE REQUIREMENTS OF N.Y.S. MAT. SPEC. 702-0700 - ASPHALT FILLER.

FIXED END MATERIAL OPTIONS:

N.Y.S. MAT. SPEC. 721-03 - EPOXY POLYSULFIDE GROUT WITH SAND**
N.Y.S. MAT. SPEC. 721-01 - EPOXY RESIN SYSTEM WITH SAND**
N.Y.S. MAT. SPEC. 701-05 - CONCRETE GROUTING MATERIAL
N.Y.S. MAT. SPEC. 701-06 - CEMENT BASED GROUT MATERIALS FOR SHEAR KEYS

** - MOISTURE FREE, SANDBLAST SAND SHALL BE ADDED IN THE RATIO OF (1) PART EPOXY TO (2) PARTS SAND.

* - ACUTE CORNERS ARE SQUARED OFF FOR SKEWS 20° AND OVER MAXIMUM ALLOWABLE SKEW ANGLE IS 50°.



JOINT RECESS DETAIL
NOT TO SCALE

FILL THE RECESS WITH A STRUCTURAL JOINT MATERIAL, SILICONE SEALANT, FROM THE DEPARTMENT'S APPROVED LIST FOR ITEM 567.51--16. IF THE RECESS IS SAW CUT, WATER BLAST IMMEDIATELY FOLLOWING CUTTING TO REMOVE ANY RESIDUAL SLURRY BEFORE IT DRIES. CLEAN THE VERTICAL FACES OF THE RECESS BY ABRASIVE BLAST, AND AIR BLOW THE RESIDUE FROM THE RECESS. PRIME THE VERTICAL FACES WITH THE MANUFACTURER'S RECOMMENDED PRIMER, AND ALLOW TO DRY. PLACE A 3/8" DIA. SOFT CLOSED CELL BACKER ROD IN THE BOTTOM OF THE RECESS. POUR THE SILICONE SEALANT TO A DEPTH OF APPROX. 3/8". PAYMENT TO BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB.



APPROACH SLAB SECTION FOR JOINTLESS
PRESTRESSED BOX BEAM SUPERSTRUCTURE

NOTE A:
TOP OF BACK WALL SHALL BE STEEL TROWEL FINISHED. SHEET GASKET (TREATED BOTH SIDES) MATERIAL SPECIFICATION 728-06, SHALL BE PLACED ON THE TOP OF BACKWALLS. TWO 1/16" THICK SHEETS SHALL BE USED, AND PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM.

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COMMONS ROAD OVER THE CAYADUTTA CREEK	PIN N/A	BRIDGES 3309970	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER RFP 06-23
	BIN 3309970				APPROACH SLAB DETAILS	DRAWING NO. ST-14 SHEET NO. 25
	TOWN OF MOHAWK					
	COUNTY: MONTGOMERY					
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DESIGN AJCE

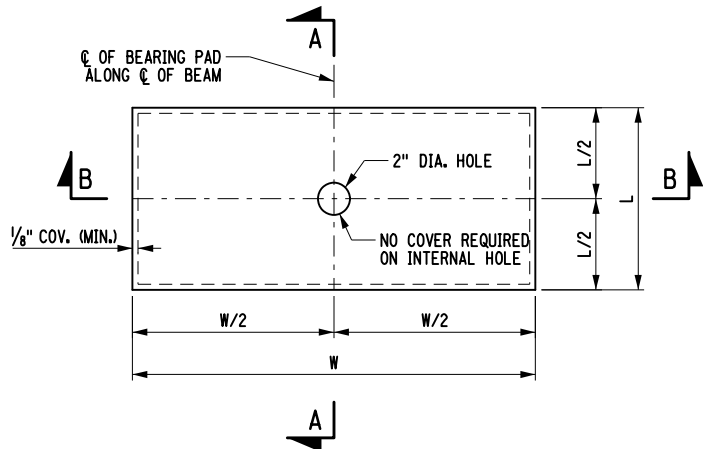
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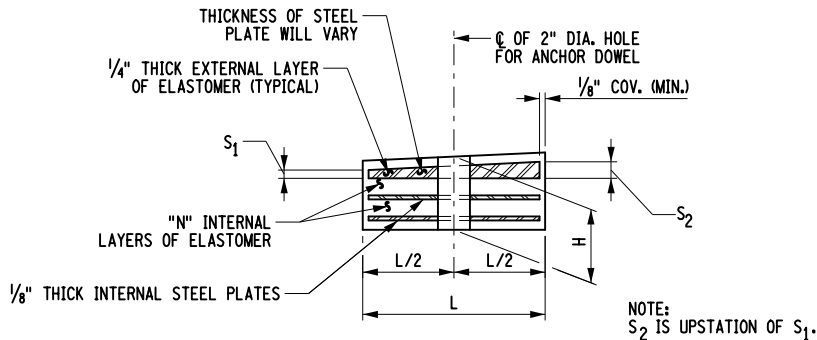
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PROJECT MANAGER EKT

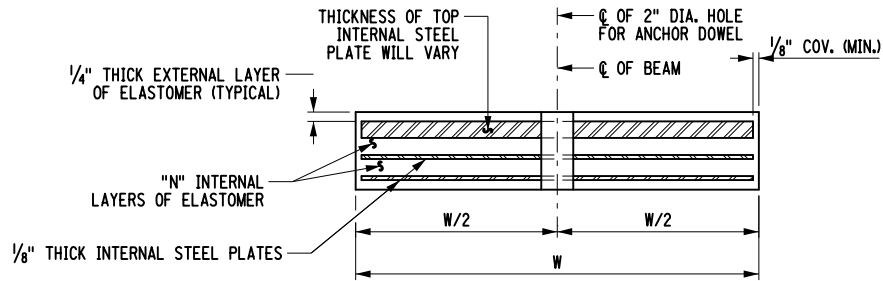
PLAN
TYPICAL RECTANGULAR
STEEL LAMINATED ELASTOMERIC BEARING (TYPE E.L.)



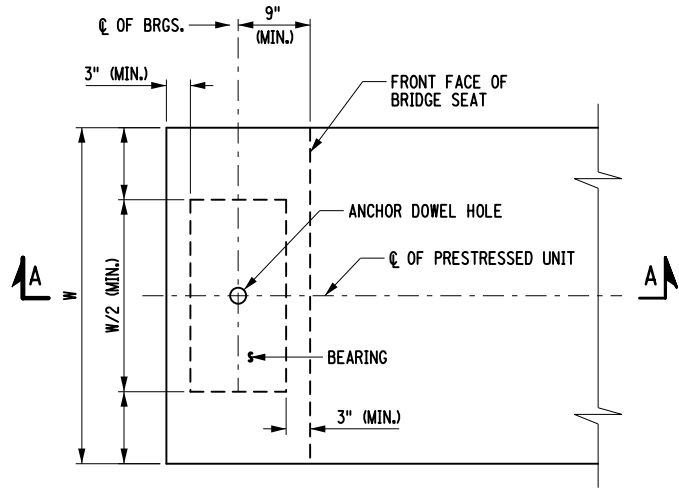
SECTION A-A



SECTION B-B



PARTIAL PLAN - 0° SKEW
BEARING PLACEMENT DETAILS
NOT TO SCALE



NOTES:

THE BEARINGS SHALL MEET THE REQUIREMENTS OF N.Y.S. STANDARD SPECIFICATION SECTION 565 UNLESS OTHERWISE NOTED.

ELASTOMER SHALL BE 50 DUROMETER HARDNESS ON THE SHORE A SCALE.

INSTALLATION ALIGNMENT:
THE MAXIMUM VARIATION FROM PERFECT ALIGNMENT UNDER FULL DEAD LOAD SHALL NOT EXCEED 3/16 IN. THIS VARIATION SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CENTERLINE OF THE HIGHEST ELASTOMER SURFACE AND THE CENTERLINE OF THE LOWEST ELASTOMER SURFACE.

CONCRETE SURFACES UNDER THE BEARINGS SHALL CONFORM TO SUBSECTION 565-3.02 "CONCRETE BEARING SURFACE PREPARATION" OF THE N.Y.S. STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS.

FOR TYPE E.L. BEARINGS:
ALL EXTERNAL ELASTOMER LAYERS ARE ONE-HALF THE THICKNESS OF THE INTERNAL ELASTOMER LAYERS.

STEEL LAMINATED ELASTOMERIC BEARING (TYPE E.L.) TABLE

LOCATION	FIX/EXP.	ITEM NO.	QUANTITY REQUIRED	D.L. + S.D.L. (kips)	L.L. WITHOUT IMPACT (kips)	TOTAL DESIGN REACTION (kips)	SHAPE FACTOR	ELASTOMER LAYER				hr t	COMP. AREA (SQ. In.)	SHEAR AREA (SQ. In.)	BEVELED LAYER		BRG. H	ANCHOR DOWEL DIAMETER
								THK/LAYER	NO. LAYERS	L	W				S1	S2		
BEG	EXP.	565.1923	6	56.3	87.9	144.2	6.332	0.5	3	9	30	2	260.31	270.00	0.250	0.323	2.661	1.25
END	FIX	565.1923	6	56.3	87.9	144.2	6.332	0.5	3	9	30	2	260.31	270.00	0.250	0.323	2.661	1.25

TABLE DIMIENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

LOADS SHOWN IN THIS TABLE ARE UNFACTORED.

S2 IS UPSTATION OF S1
H IS TAKEN AT THE CENTERLINE OF THE BEARING.

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
RFP 06-23

ELASTOMERIC BEARING DETAILS

DRAWING NO. ST-15
SHEET NO. 26

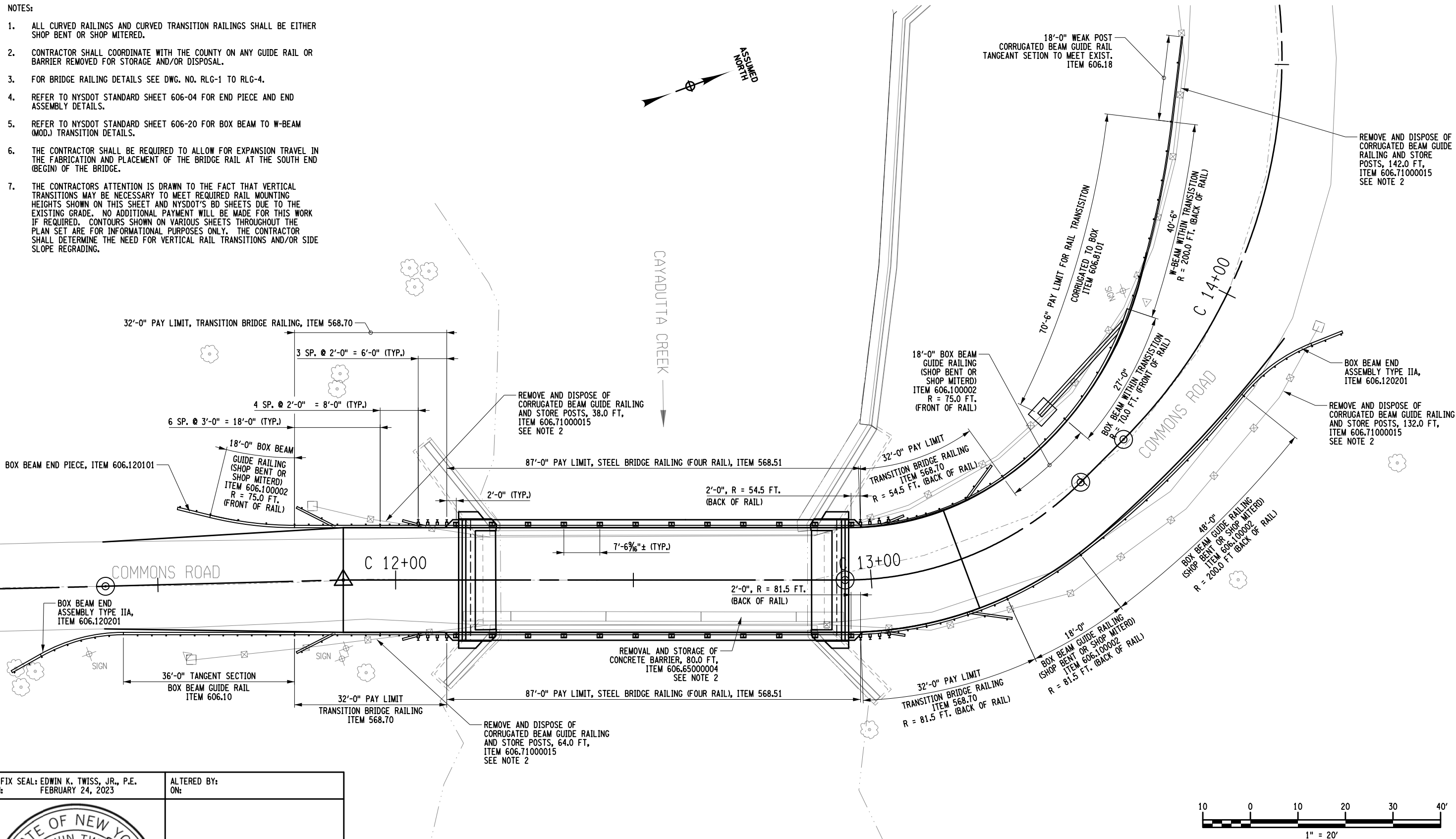
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AECOM

MONTGOMERY
COUNTY NY


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AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN	N/A
-----	-----

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
RFP 06-23

RAILING LAYOUT

DRAWING NO. ST-16
SHEET NO. 27

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



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JOB MANAGER EKT

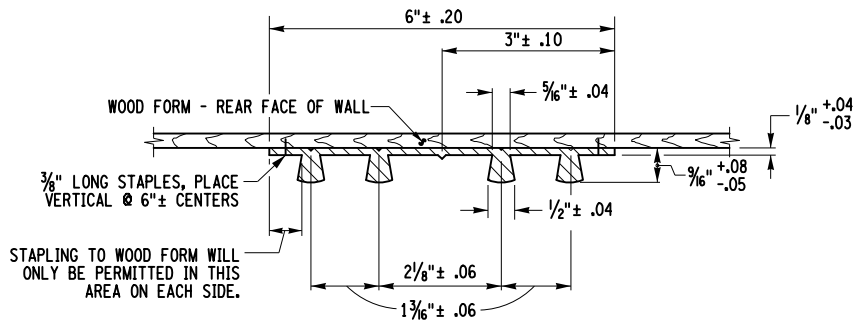
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DRAFTING JMC

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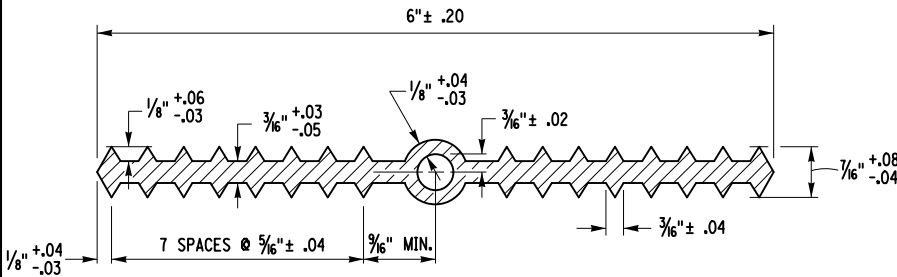


TYPE D WATERSTOP
NOT TO SCALE

NOTES:

HOLES MUST NOT BE MADE IN WATERSTOP FOR ANY PURPOSE EXCEPT AS REQUIRED FOR STAPLING TO FORMS.

TYPE D WATERSTOP SHALL BE LIGHT GRAY IN COLOR.



TYPE A WATERSTOP
NOT TO SCALE

TYPE A WATERSTOP:

HOLES MUST NOT BE MADE IN WATERSTOP FOR ANY PURPOSE.

NOTES:

PVC USED IN WATERSTOPS SHALL CONFORM TO THE REQUIREMENTS OF N.Y.S. STANDARD SPECIFICATIONS SUBSECTION 705-11.

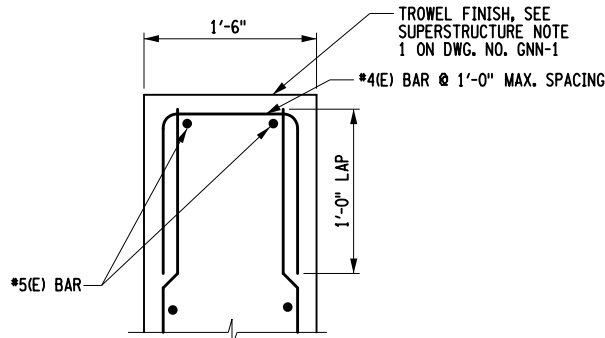
THE COST OF FURNISHING AND PLACING WATERSTOPS SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE CONCRETE ITEMS.

FIELD SPLICES SHOULD BE AVOIDED IF POSSIBLE, HOWEVER, HEAT WELDED BUTT SPLICES WILL BE PERMITTED ON LONG STRAIGHT RUNS (GENERALLY IN EXCESS OF 50 FEET) AT POINTS APPROVED BY THE ENGINEER.

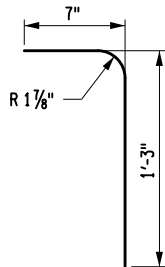
WATERSTOP SHALL BE SHIPPED IN STRAIGHT SECTIONS HAVING A MINIMUM LENGTH OF 10 FEET UNLESS SHORTER LENGTHS ARE REQUIRED.

PREMOULDED RESILIENT JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF N.Y.S. STANDARD SPECIFICATION SUBSECTION 705-07.

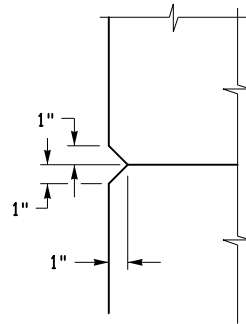
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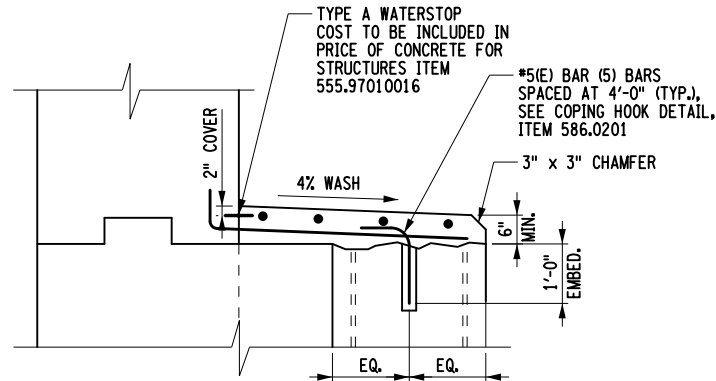
HEADER DETAIL
NOT TO SCALE



COPING HOOK DETAIL
NOT TO SCALE



CHAMFER DETAIL
NOT TO SCALE

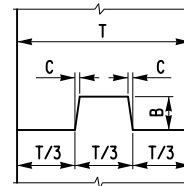


COPING DETAIL
NOT TO SCALE

CONSTRUCTION AND CONTRACTION JOINTS		
C	B	T/3
3/16"	1 1/2"	0 TO 6"
3/8"	3 1/2"	6" TO 10"
3/4"	5 1/2"	10" AND OVER

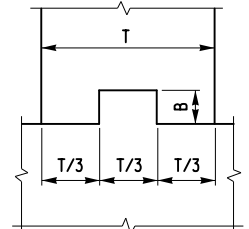
EXPANSION JOINTS		
C	B	T/3
3/8"	3 1/2"	0 TO 10"
3/4"	5 1/2"	10" AND OVER

KEYWAY DETAILS
NOT TO SCALE



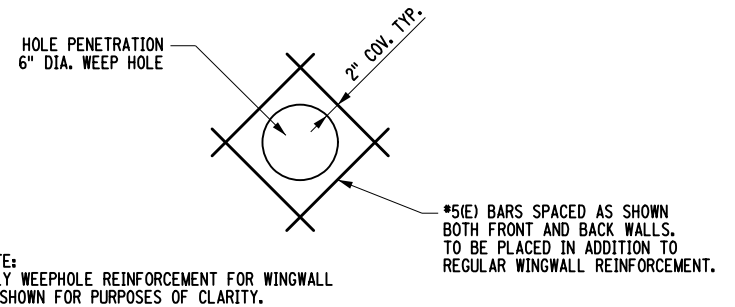
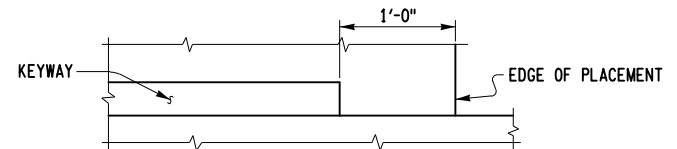
NOTE: WATERSTOP NOT SHOWN.

VERTICAL



NOTE: WATERSTOP NOT SHOWN.

HORIZONTAL



WEEPHOLE CONCRETE HOLE PENETRATION
REINFORCEMENT DETAILS

NOT TO SCALE

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:

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BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MISCELLANEOUS DETAILS
(1 OF 2)

CONTRACT NUMBER
RFP 06-23

DRAWING NO. MSD-1
SHEET NO. 28

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

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

DESIGN SUPERVISOR EKT

JOB MANAGER EKT

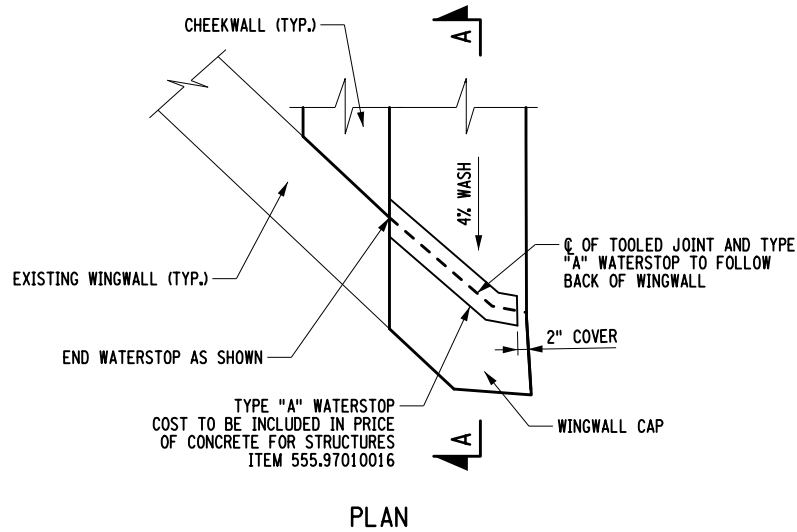
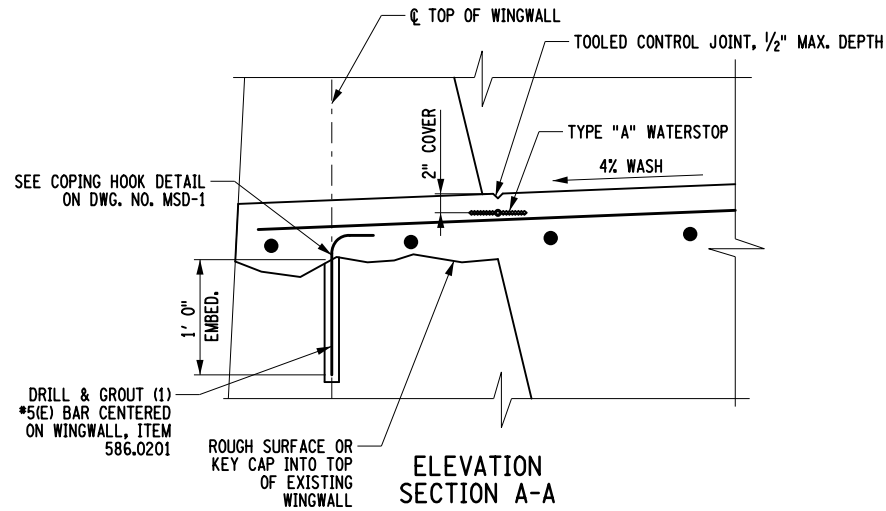
DESIGN JMC

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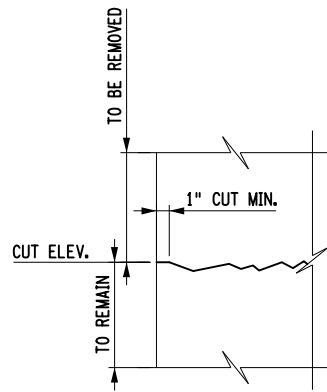
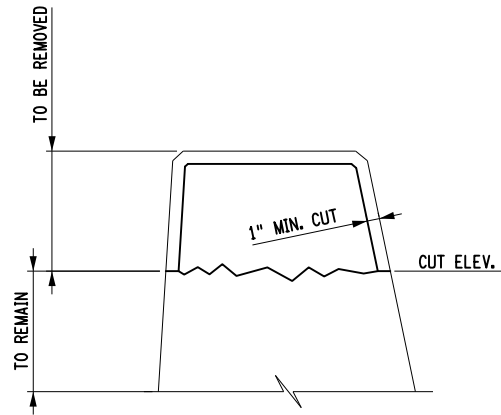
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CONTROL JOINT DETAILS
NOT TO SCALE






VERTICAL

HORIZONTAL

SAWCUTTING DETAILS
NOT TO SCALE

NOTE: FOR LOCATIONS AND ELEVATIONS OF CUTS
REFER TO DWG. NO. ST-6 & ST-9.

AFFIX SEAL: EDWIN K. TWISS, JR., P.E. ON: FEBRUARY 24, 2023	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COMMONS ROAD OVER THE CAYADUTTA CREEK	PIN N/A	BRIDGES 3309970	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER RFP 06-23	
	BIN 3309970					MISCELLANEOUS DETAILS (2 OF 2)	DRAWING NO. MSD-2 SHEET NO. 29
	TOWN OF MOHAWK						
	COUNTY: MONTGOMERY						
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.							
							

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

DESIGN SUPERVISOR EKT

JOB MANAGER EKT

DESIGN JMC

CHECK WNG

DRAFTING JMC

CHECK WNG

PROJECT MANAGER EKT

AFFIX SEAL: EDWIN K. TWISS, JR., P.E.
ON: FEBRUARY 24, 2023

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

COMMONS ROAD OVER THE CAYADUTTA CREEK

BIN 3309970

TOWN OF MOHAWK

COUNTY: MONTGOMERY

PIN N/A

BRIDGES
3309970

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
RFP 06-23

BRIDGE RAIL DETAILS
(1 OF 4)

DRAWING NO. RL-G-1
SHEET NO. 30

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.

BRIDGE RAILING NOTES:

ALL RAILING IS TO BE FABRICATED AND ERECTED ACCORDING TO SECTION 568 OF THE STANDARD SPECIFICATIONS.

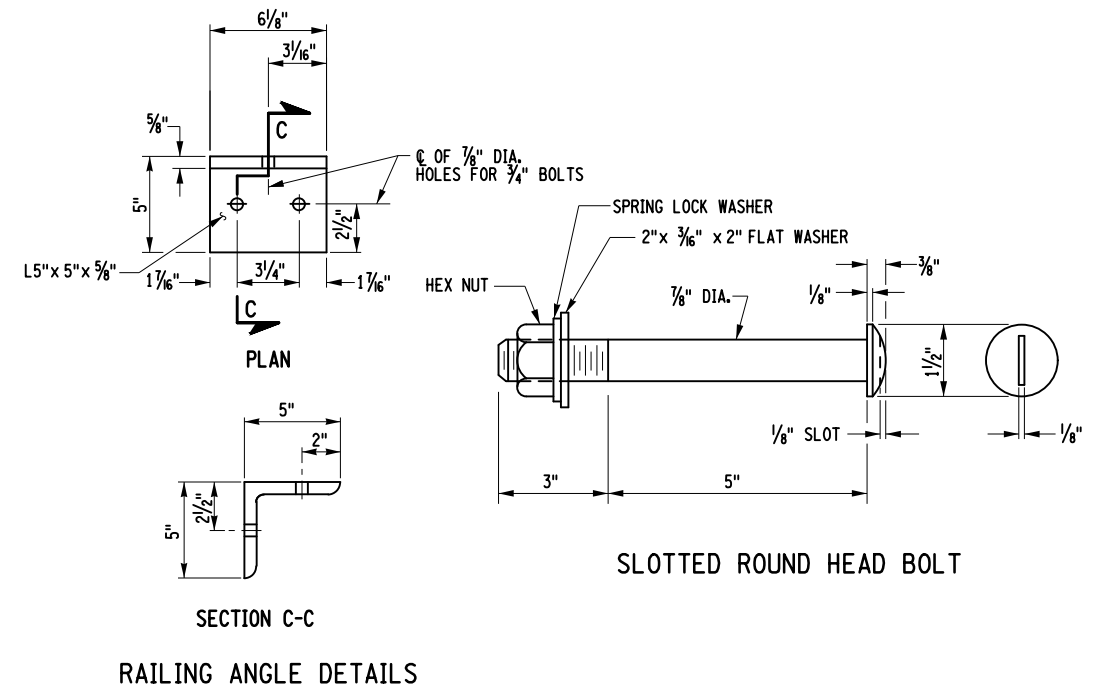
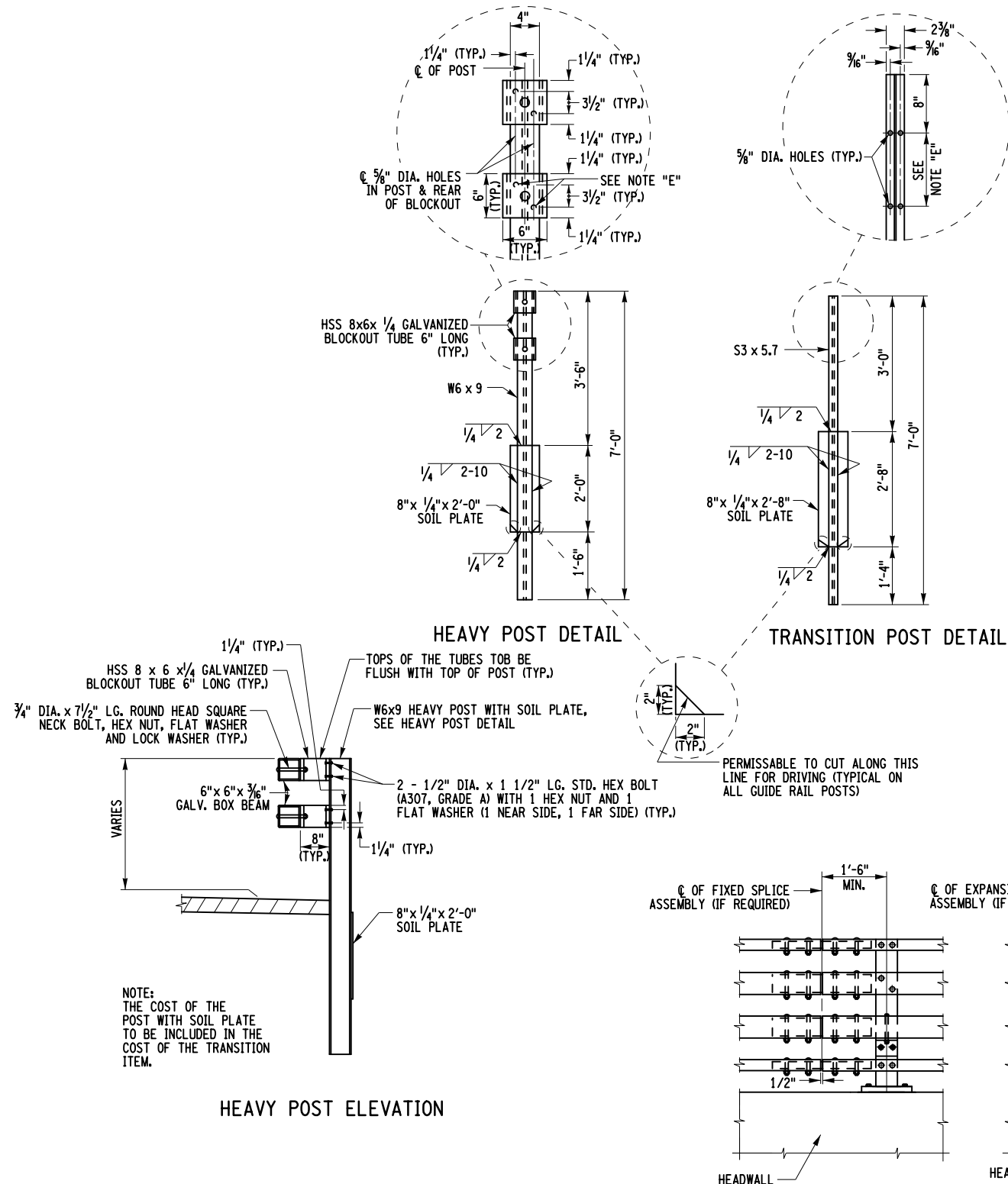
PRIOR TO GALVANIZING THE ASSEMBLED POST, GRIND ALL EDGES TO A MINIMUM RADIUS OF $\frac{1}{16}$ ".

BOLTS SHALL BE TORQUED SNUG TIGHT (APPROXIMATELY 100 ft-lb.).

NOTES:

NOTE "AA":
THE MINIMUM DISTANCE FROM THE POST TO AN EXPANSION JOINT SHALL BE DETERMINED BY THE MINIMUM EDGE DISTANCE OF 5" FROM ANY ANCHOR STUD TO THE END OF THE SLAB, OR TO THE EXPANSION JOINT RECESS POUR, IF ONE IS USED. ON PRESTRESSED CONCRETE BRIDGES, THE POST SHALL BE LOCATED TO MINIMIZE ANCHOR PLATE/END BLOCK REINFORCEMENT CONFLICTS. POST SPACING SHALL BE ADJUSTED ACCORDINGLY.

NOTE "E":
HOLES IN THE POST FOR THE LOWER RAIL MAY BE LOCATED AND DRILLED IN THE FIELD, IF SO, THE GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION 719-01.



STEEL BRIDGE RAILING SPLICE DETAIL (FOUR-RAIL) - CURBLESS

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

DESIGN SUPERVISOR EKT

JOB MANAGER EKT

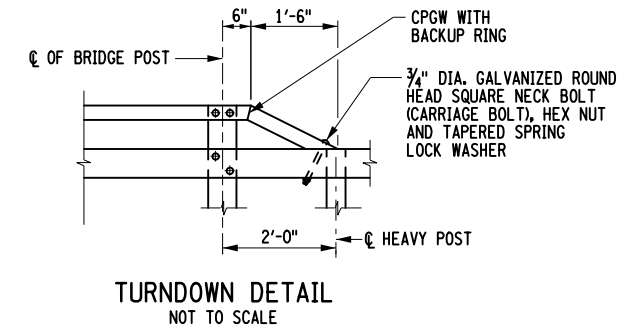
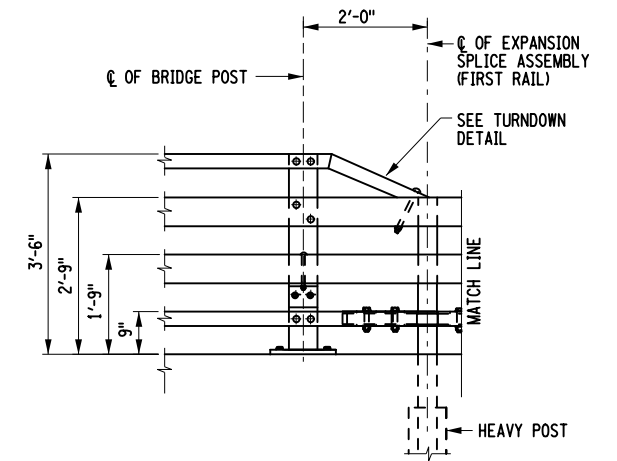
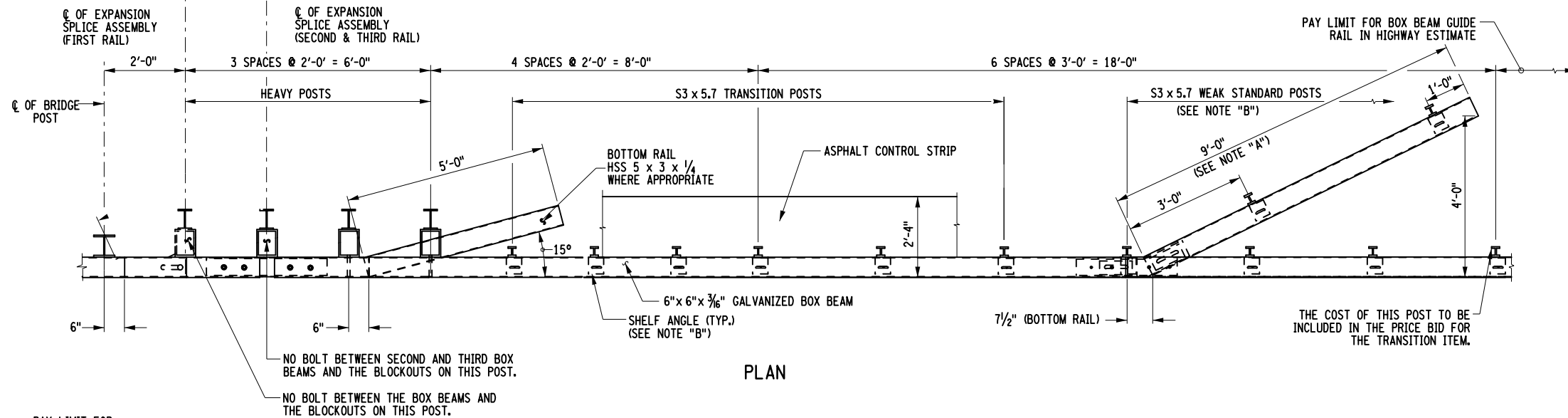
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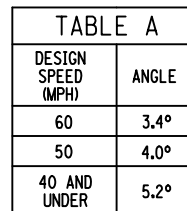
PROJECT MANAGER EKT



- NOTES:
- NOTE "A":
THE COST OF THE POSTS, SPLICE TUBE AND RAIL FOR THE TURNBACK IS INCLUDED IN THE PRICE BID FOR THE TRANSITION ITEM.
- NOTE "B":
SEE TYPICAL RAIL TO POST CONNECTION DETAIL ON CURRENT HIGHWAY STANDARD SHEET TITLED "BOX BEAM GUIDE RAIL".
- C.P.G.W. = COMPLETE PENETRATION GROOVE WELD.
- ANY MODIFICATION IN THE FIELD THAT DAMAGES GALVANIZATION SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION 719-01 OF THE NYS STANDARD SPECIFICATIONS.

AFFIX SEAL: EDWIN K. TWISS, JR., P.E. ON: FEBRUARY 24, 2023	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COMMONS ROAD OVER THE CAYADUTTA CREEK	PIN N/A	BRIDGES 3309970	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER RFP 06-23
	BIN 3309970				BRIDGE RAIL DETAILS (2 OF 4)	DRAWING NO. RL-G-2 SHEET NO. 31
	TOWN OF MOHAWK					
	COUNTY: MONTGOMERY					
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.						
						



ESTIMATE OF QUANTITIES			
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
201.06	CLEARING AND GRUBBING	LS	1
202.120001	REMOVING EXISTING SUPERSTRUCTURES	LS	1
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	390
203.03	EMBANKMENT IN PLACE	CY	425
203.21	SELECT STRUCTURE FILL	CY	400
206.01	STRUCTURE EXCAVATION	CY	1300
207.26	PREFABRICATED COMPOSITE STRUCTURAL DRAIN	SY	66
209.13	SILT FENCE - TEMPORARY	LF	320
304.12	SUBBASE COURSE, TYPE 2	CY	230
404.000011	PLANT PRODUCTION QUALITY ADJUSTMENT TO ASPHALT ITEMS	QU	6
404.128301	12.5 F3 TOP COURSE ASPHALT, 80 SERIES COMPACTION	TON	50.0
404.378901	37.5 F9 BASE COURSE ASPHALT, 80 SERIES COMPACTION	TON	65.0
407.0102	DILUTED TACK COAT	GAL	22
555.97010016	CONCRETE FOR STRUCTURES, CLASS HP (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)	CY	104.3
555.97020016	FOOTING CONCRETE, CLASS HP (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)	CY	63.0
557.0503	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - BOTTOM FORMWORK NOT REQUIRED - TYPE 3 FRICTION	SY	226.6
557.2003	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE - TYPE 3 FRICTION	SY	124.4
558.02	LONGITUDINAL SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE	SY	319.0
559.01	PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE, DECKS, AND BRIDGE DECK OVERLAYS	SF	3368
559.02	PROTECTIVE SEALING OF NEW STRUCTURAL CONCRETE	SF	879
563.020001MC	PRESTRESSED CONCRETE BOX BEAMS UNITS	SF	1848.0
565.1923	TYPE E.L. BEARING (112 TO 168K)	EA	12
568.51	STEEL BRIDGE RAILING (FOUR RAIL)	LF	174
568.70	TRANSITION BRIDGE RAILING	LF	128
580.01	REMOVAL OF STRUCTURAL CONCRETE	CY	27.3
586.0201	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	EA	50
586.97000001	DRILLING AND INSTALLATION OF WEEP DRAINS	LF	11
606.10	BOX BEAM GUIDE RAILING	LF	36
606.100002	BOX BEAM GUIDE RAILING (SHOP BENT OR SHOP MITERED)	LF	102
606.120101	BOX BEAM END PIECE	EA	1
606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA	EA	2
606.18	WEAK-POST, CORRUGATED BEAM GUIDE RAIL	LF	18
606.65000004	REMOVE, TRANSPORT AND STORE TEMPORARY PRECAST CONCRETE BARRIER	LF	80
606.71000015	REMOVE AND DISPOSE OF CORRUGATED BEAM GUIDE RAILING AND STORE POSTS	LF	376
606.8101	GUIDE RAIL TRANSITION WEAK-POST CORRUGATED BEAM TO BOX BEAM GUIDE RAIL (ONE OR TWO-WAY OPERATION)	EA	1
610.1403	TOPSOIL - LAWNS	CY	35
610.1602	TURF ESTABLISHMENT - LAWNS	SY	409
619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	1
619.04	TYPE III CONSTRUCTION BARRICADE	EA	8
619.1711	TEMPORARY POSITIVE BARRIER - CATEGORY 1 (PINNING PROHIBITED)	LF	40
619.1719	WARNING LIGHTS ON TEMPORARY POSITIVE BARRIERS	EA	4
625.01	SURVEY OPERATIONS	LS	1
627.50140008	CUTTING PAVEMENT	LF	68
647.41	REMOVE AND STORE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SQUARE FEET)	EA	6
698.04	ASPHALT PRICE ADJUSTMENT	DC	455
698.05	FUEL PRICE ADJUSTMENT	DC	1607
699.040001	MOBILIZATION	LS	1