

NEW YORK STATE CANAL CORPORATION
EASTERN REGION, UTICA SECTION

PLANS FOR
CANALWAY TRAIL IMPROVEMENTS



FROM THE UTICA HARBOR LOCK TO HARBOR LOCK ROAD (SEGMENT "A")
(TRAIL MILEPOST 105.20 TO 105.81) STA. A 10+00 TO A 43+25 AND
FROM BARNES AVENUE TO THE UTICA HARBOR LOCK (SEGMENT "B")
(TRAIL MILEPOST 105.83 TO 106.76) STA. B 10+25 TO B 59+12 IN THE
CITY OF UTICA AND TOWN OF MARCY, ONEIDA COUNTY
67 SHEETS

TYPE OF CONSTRUCTION:

CANALWAY TRAIL IMPROVEMENTS, CANALWAY BANK REPAIRS, AND
PEDESTRIAN LOCK CROSSING IMPROVEMENTS

STANDARD SHEETS:

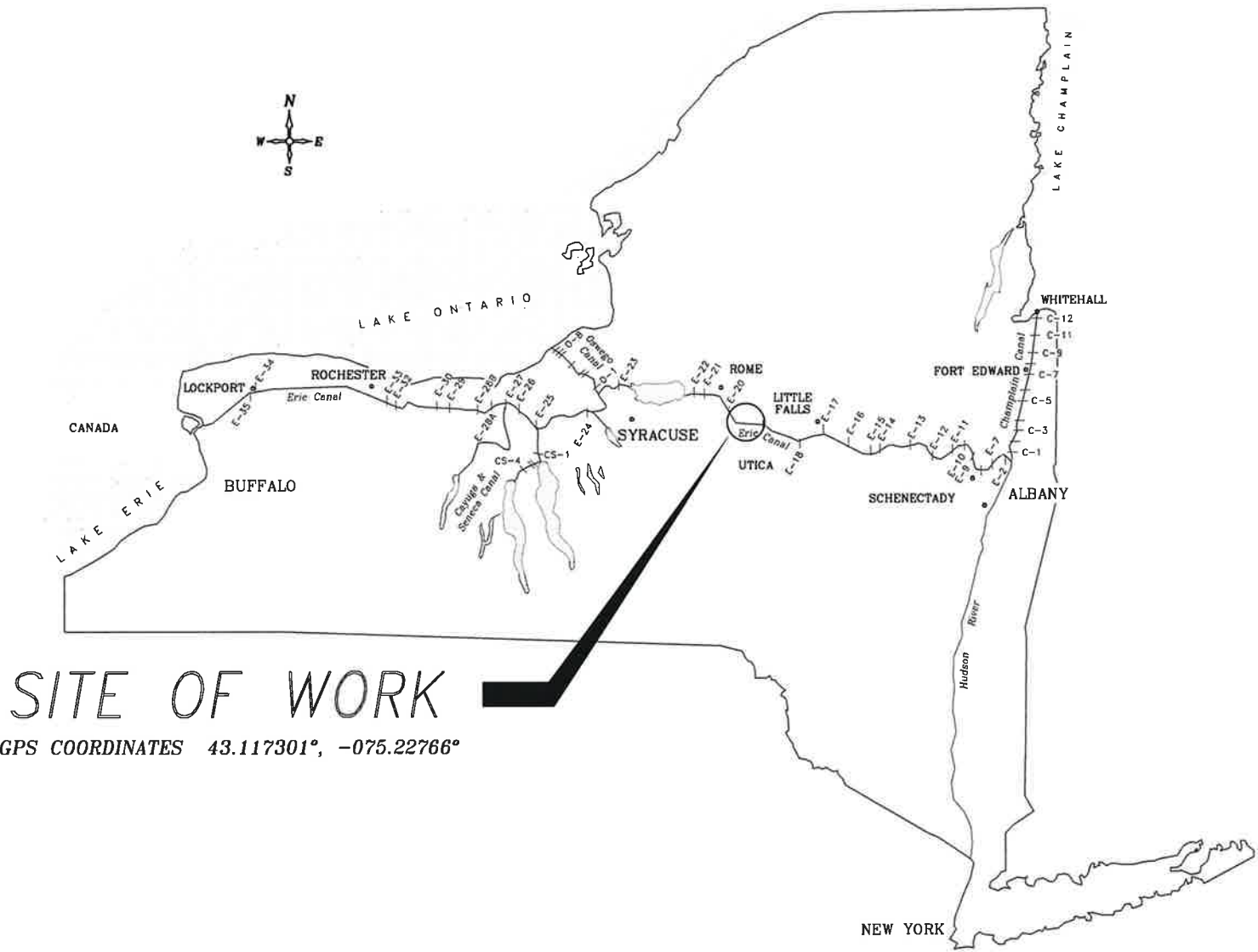
THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY NYSDOT, WHICH ARE
CURRENT ON THE DATE OF ADVERTISEMENT FOR BIDS, SHALL BE CONSIDERED TO BE IN
EFFECT. ALL SPECIFICATIONS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL
SPECIFICATIONS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL
BE SUBJECT TO THE APPLICABLE STANDARD SHEETS UNLESS OTHERWISE SPECIFIED IN THE
CONTRACT DOCUMENTS.

NOTES:

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE IN CONFORMITY
WITH THE STANDARD SPECIFICATIONS (US CUSTOMARY) SECTIONS 200 THRU
700 REFERENCED IN THE CONTRACT PROPOSAL, EXCEPT AS MODIFIED BY
THESE PLANS OR CHANGES SET FORTH IN THE CONTRACT PROJECT PROPOSAL.

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NEW YORK
STATE CANAL CORPORATION POLICIES AND GUIDELINES.

UDIG NY
UNDERGROUND FACILITIES PROTECTION ORGANIZATION
CALL 811



SITE OF WORK
GPS COORDINATES 43.117301°, -075.22766°

PREPARED AND RECOMMENDED BY:

Luke M. Morenus

DATE 9/4/2025

CHA CONSULTING INC.
LUKE M. MORENUS PE
LICENSE NUMBER 079357



CONTRACTOR'S NAME:

INSPECTION FIRM'S NAME:

CANAL PROJECT ENGINEER:

AWARD DATE

COMPLETION DATE

FINAL ACCEPTANCE DATE

LOW BID AMOUNT

FINAL CONTRACT AMOUNT

RECOMMENDED BY:

Joseph Savoca

DIRECTOR, DESIGN

09/05/2025

DATE

RECOMMENDED BY:

Joseph Moloughney

REGIONAL CANAL ENGINEER

09/05/2025

DATE

RECOMMENDED BY:

Chavin Lawson

DIRECTOR, CONSTRUCTION

09/05/2025

DATE

RECOMMENDED BY:

Andrew A. Barbato

DIRECTOR, WATERWAYS MAINTENANCE

09/05/2025

DATE

APPROVED BY:

[Signature]

NYPA REGIONAL MANAGER - CANALS

09/10/2025

DATE

CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

INDEX		TOTAL NUMBER OF SHEETS: 69
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
1	COVER	COV
2	INDEX AND ABBREVIATIONS	IN-1
3 - 4	LEGEND	L-1 TO L-2
5 - 7	GENERAL NOTES	GN-1 TO GN-3
8	ESTIMATE OF QUANTITIES	EQ-1
9 - 16	WORK ZONE TRAFFIC CONTROL SHEETS	WZTC-1 TO WZTC-8
17	HORIZONTAL CONTROL	SUR-1
18	BASELINE TIES AND BENCHMARKS	SUR-2
19 - 22	MISCELLANEOUS DETAILS	MD-1 TO MD-4
23	MISCELLANEOUS TABLES	MT-1
24	SIGN TEXT DATA	STD-1
25	EARTHWORK SUMMARY SHEETS	ES-1
TRAIL "A" SHEETS		
26 - 29	DEMOLITION PLANS	DP-1 (A) TO DP-4 (A)
30 - 31	TYPICAL SECTIONS	TS-1 (A) TO TS-2 (A)
32 - 37	PLANS AND PROFILES	PL-1 (A) TO PL-6 (A)
TRAIL "B" SHEETS		
38 - 43	DEMOLITION PLANS	DP-1 (B) TO DP-6 (B)
44 - 45	TYPICAL SECTIONS	TS-1 (B) TO TS-2 (B)
46 - 54	PLANS AND PROFILES	PL-1 (B) TO PL-9 (B)
55	PROFILES	PR-1 (B)
UTICA CANAL LOCK WALKWAY SHEETS		
56	CROSSOVER PATH REMOVALS PLAN	D-100
57 - 58	EXISTING CONDITION - PHOTOGRAPHS	D-101 TO D-102
59 - 60	GENERAL NOTES	S-001 TO S-002
61	OVERALL CANAL LOCK PLAN	S-100
62	ENLARGED NORTH AREA PLAN - NEW WORK	S-101
63	ENLARGED SOUTH AREA PLAN - NEW WORK	S-102
64 - 69	SECTIONS AND DETAILS	S-500 TO S-505

ALIGNMENT		TOPOGRAPHY (MISCELLANEOUS)		UTILITIES	
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
AH	AHEAD	ABUT	ABUTMENT	E	ELECTRIC
AZ	AZIMUTH	AOBE	AS ORDERED BY ENGINEER	EMH	ELECTRIC MANHOLE
BK	BACK	ASPH	ASPHALT	G	GAS
B	BASELINE	BDY	BOUNDARY	GP	GUY POLE
BRG	BEARING	BLDG	BUILDING	GSB	GAS SERVICE BOX (HOUSE LINE)
C	CENTERLINE	BM	BENCH MARK	GV	GAS VALVE (MAIN LINE)
CS	CURVE TO SPIRAL	CC	CENTER TO CENTER	HYD	HYDRANT
e	SUPERELEVATION RATE (CROSS SLOPE)	CONC	CONCRETE	LP	LIGHT POLE
EQ	EQUALITY	CONST	CONSTRUCTION	LPG	LOW PRESSURE GAS
EXT	EXTERNAL	CR	COUNTY ROAD	PP	POWER POLE
HCL	HORIZONTAL CONTROL LINE	D	DEED DISTANCE	SA	SANITARY SEWER
HSD	HEADLIGHT SIGHT DISTANCE	DM	DIRECT MEASUREMENT	SMH	SANITARY MANHOLE
L	LENGTH OF CIRCULAR CURVE	DWY	DRIVEWAY	ST	STORM SEWER
LS	LENGTH OF SPIRAL	EP	EDGE OF PAVEMENT	T	TELEPHONE
LVC	LENGTH OF VERTICAL CURVE	ES	EDGE OF SHOULDER	TCB	TRAFFIC CONTROL BOX
E	CENTER CORRECTION OF VERTICAL CURVE	FEE	FEE ACQUISITION	TELBOX	TELEPHONE BOX
M	MAIN LINE	FEE WO/A	FEE ACQUISITION WITHOUT ACCESS	TEL P	TELEPHONE POLE
PC	POINT OF CURVATURE	FP	FENCE POST	TMH	TELEPHONE MANHOLE
PI	POINT OF INTERSECTION	FD	FOUNDATION	CTV	CABLE TELEVISION
POL	POINT ON LINE	FL	FENCE LINE	W	WATER
PSD	PASSING SIGHT DISTANCE	GAR	GARAGE	WSB	WATER SERVICE BOX (HOUSE LINE)
PT	POINT OF TANGENT	GR	GRAVEL	WV	WATER VALVE (MAIN LINE)
PVC	POINT OF VERTICAL CURVE	HO	HOUSE	SUBSURFACE EXPLORATION	
PVI	POINT OF VERTICAL INTERSECTION	HWY	HIGHWAY	ABBR.	DESCRIPTION
PVT	POINT OF VERTICAL TANGENT	IP	IRON PIN OR IRON PIPE	REPLACE ABBREVIATION "AB" WITH:	
R	RADIUS	MB	MAILBOX	AH	HAND AUGER
SC	SPIRAL TO CURVE	MON	MONUMENT	CP	CONE PENETROMETER
SSD	STOPPING SIGHT DISTANCE	N&W	NAIL AND WASHER	DA	2¼ INCHES CASED DRILL HOLE
ST	SPIRAL TO TANGENT	OG	ORIGINAL GROUND	DM	DRILLING MUD
STA	STATION	O/H	OVERHEAD	DN	4 INCHES CASED DRILL HOLE
T	TANGENT LENGTH	P	PARCEL	FH	HOLLOW FLIGHT AUGER
TGL	THEORETICAL GRADE LINE	PAV'T	PAVEMENT	PA	POWER AUGER
TS	TANGENT TO SPIRAL	PE	PERMANENT EASEMENT	PH	PROBE
VC	VERTICAL CURVE	PED POLE	PEDESTRIAN POLE	PT	PERCOLATION TEST HOLE
TOPOGRAPHY (DRAINAGE)		R	PROPERTY LINE	RP	1 INCH SAMPLER (RETRACTABLE PLUG)
ABBR.	DESCRIPTION	POR	PORCH	TO BE DEFINED AT THE TIME OF EXPLORATION	
BB	BOTTOM OF BANK (STREAM)	RR	RAILROAD	SP	SEISMIC POINT
BC	BOTTOM OF CURB	RTE	ROUTE	TP	TEST PIT
BO	BOTTOM OF OPENING	ROW	RIGHT OF WAY	ABBREVIATION "C" IN CATEGORIES: DA, DM, DN, AND FH WITH:	
CAP	CORRUGATED ALUMINUM PIPE	RW	RETAINING WALL	B	BRIDGE
CB	CATCH BASIN	SH	STATE HIGHWAY	C	CUT
CIP	CAST IRON PIPE	SHLDR	SHOULDER	D	DAM
C STRM	CENTERLINE OF STREAM	SPK	SPIKE	F	FILL
CMP	CORRUGATED METAL PIPE	ST	STREET	K	CULVERT
CP	CONCRETE PIPE	STK	STAKE	W	WALL
CSP	CORRUGATED STEEL PIPE	STY	STORY	X TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE	
CULV	CULVERT	SW	SIDEWALK		
DIA	DIAMETER	TE	TEMPORARY EASEMENT		
DMH	DRAINAGE MANHOLE	TO	TEMPORARY OCCUPANCY	X TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE	
DS	DRAINAGE STRUCTURE PIPE	U/G	UNDERGROUND		
D'XING	DITCH CROSSING	WW	WING WALL		
EHW	EXTREME HIGH WATER				
EL	ELEVATION				
ELEV	ELEVATION				
ELW	EXTREME LOW WATER				
ES	END SECTION				
HW	HEADWALL				
INV	INVERT				
MH	MANHOLE				
MHW	MEAN HIGH WATER				
OHW	ORDINARY HIGH WATER				
OLW	ORDINARY LOW WATER				
RCP	REINFORCED CONCRETE PIPE				
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE				
TB	TOP OF BANK (STREAM)				
TC	TOP OF CURB				
TG	TOP OF GRATE				
VCP	VITRIFIED CLAY PIPE				

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

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	DATE	DESCRIPTION	BY	SYM.		LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
						TITLE OF DRAWING INDEX & ABBREVIATIONS	DRAWING NUMBER: I-1

CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

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

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

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.





TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING

LEGEND

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
L-1

CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

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
	ADPL.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		DSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96		ICELLT	CELL PHONE TOWER		MEEP	EASEMENT, EXISTING		SRM	REFERENCE MARKERS		UGMH	GAS, MANHOLE
	AEQNAHD	EQUATION AHEAD		DSR	STRUCTURE, ROUND		ICJB	CONDUIT JACK OR BORING		MEPAP.P	EASEMENT, PERM., APPROX.		SRSC3	SHLD, CTY, 123 DIG.		UGLM	GAS, LINE MARKER
	AEQNBK	EQUATION BACK		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICNTLCAB	CONTROLLER CABINET		MEPP.P	EASEMENT, PERM., BACK LINE		SRSC4	SHLD, CTY, 4 DIG.		UCP	GAS/FUEL PUMP
	AEVT	EVENT STATION		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICPB	COMMUNICATION PULL BOX		MEPSP.P	EASEMENT, PERM., SHAPE		SRSC2T	SHLD, CTY TOUR, 1-2 DIG.		UCV	GAS, VALVE
	APC	POINT OF CURVATURE		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICTD	CONDUIT TURNING DOWN		MFAP.P	FEE ACQUISITION, APPROX.		SRSC4T	SHLD, CTY TOUR, 3-4 DIG.		UGVT	GAS, VENT
	APCC	POINT OF COMPOUND CURVATURE		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICTU	CONDUIT TURNING UP		MFP.P	FEE ACQUISITION, BACK LINE		SRS1	SHLD, INTERSTATE		ULP	LIGHTING, POLE
	API	POINT OF INTERSECTION	ENVIRONMENTAL				ICVTRT	COMM. VEH. ROAD TRANSCEIVER		MFSP.P	FEE ACQUISITION, SHAPE		SRSN2	SHLD, NATIONAL, 2 DIG.		ULPM	LIGHTING, POLE, MEDIAN
	APOB	POINT OF BEGINNING					IDEFAULT	DEFAULT		MHBAP	HIGHWAY BNDRY., APPROX.		SRSN3	SHLD, NATIONAL, 3 DIG.		ULPP	LIGHTING, POLE, PED.
	APOC	POINT OF CURVATURE		EIOP.P	STR., INLET, OUTLET PROT.		IEZR	E-ZPASS READER		MHBCP	HISTORICAL, BLDG. CORNERS		SRSS2	SHLD, STATE, 2 DIG.		UMFC	MISC. FILLER CAP
	APOE	POINT OF END		EIPGB.P	STR., INLET PROT., GRAVEL BAG		IEZTR	TRANSMITTAL READER		MHBP	HIGHWAY BNDRY, PT.		SRSS3	SHLD, STATE, 3 DIG.		UOLM	OIL, LINE MARKER
	APOL	POINT ON LINE		EIPHS.P	STR., INLET PROT., HAY/STRAW		IFXCAB	FIBER OPTIC X-CONNECT CABINET		MJCP	PT., JURIS. CITY		SRSS4	SHLD, STATE, 4 DIG.		UP	POLE, WITH UTILITY
	APOS	POINT ON SPIRAL		EIPHS.P	STR., INLET PROT., HAY/STRAW		IFUSSPL	FUSION SPLICE		MPBC	PT., BUILDING CORNER	TRAFFIC CONTROL				UPD	POLE, DEAD (NO UTILITY)
	APOT	POINT ON TANGENT		EIPP.P	STR., INLET PROT., PREFAB.		IHARADV	HAR ADVISORY SIGN		MPCC	PT., CROSS CUT					TCBJ	BOX, JUNCTION
	APOVC	POINT ON VERTICAL CURVE		EIPSF.P	STR., INLET PROT., SILT FENCE		IHARST	HAR SITE		MPDH	PT., DRILL HOLE		TCBP	BOX, PULL BOX		USMH	SANITARY SEWER MANHOLE
	APOVT	POINT ON VERTICAL TANGENT		EIPSF.P	STR., INLET PROT., SILT FENCE		ILC	LOAD CENTER		MPF	PT., FENCE LOCATION		TCBS	BOX, SPLICE		UTB	TELEPHONE, BOOTH
	APORC	POINT ON REVERSE CURVE		ERCB	RISER, CONCRETE BOX		IMECSPL	MECHANICAL SPLICE		MPIP	PT., IRON PIPE		TCMC	MICROCOMPUTER CABINET		UTLM	TELEPHONE, LINE MARKER
	APT	POINT OF TANGENCY		ETRS.P	TRAP, SEDIMENT		IMSCS	PORT. SPEED & COUNT SENSOR		MPIR	PT., IRON ROD		TCPP	PED POLE		UTMH	TELEPHONE, MANHOLE
	APVC	POINT OF VERTICAL CURVATURE		EWFG	WETLAND FLAG		IMSCTS	MICRO SPEED & COUNT SENSOR		MPM	PT., MONUMENT		TCSH	SIGNAL HEADS		UTVLM	CABLE TV, LINE MARKER
	APVCC	POINT OF VERT. CMPND CURVE	GEOTECHNICAL				IMT	MICROWAVE TRANSCEIVER		MPMM	PT., MONUMENT, MISC.		TCSP	SIGNAL POLE		UTVPB	CABLE TV, PULL BOX
	APVI	POINT OF VERT. INTERSECTION					IOVHVS	PERM. OVERHEAD VMS		MPN	PT., NAIL	TRAFFIC WORK ZONE				UUB	UNKNOWN, BOX
	APVRC	POINT OF VERT. REVERSE CURVE		IPASCS	PORT. ACCOU. SPD & CNT. SENSOR		MPRS	PT., RAILROAD SPIKE		UUBJ	UNKNOWN, JUNCTION BOX						
	APVT	POINT OF VERTICAL TANGENCY	LANDSCAPE				IPEDS	PEDESTRIAN SIGNAL HEAD		MPSP	PT., SPIKE		TWZAP.P	ARROW PANEL		UUMH	UNKNOWN, MANHOLE
	ASC	SPIRAL TO CURVE					IPSS	PAVEMENT SURFACE SENSOR		MPST	PT., STAKE		TWZAPC.P	ARROW PANEL, CAUTION MODE		UUPB	UNKNOWN, PULL BOX
	ASPI	SPIRAL POINT OF INTERSECTION		IPVMS	PERM. VMS		MPTW	PT., TREE W/ WIRE		TWZAPT.P	ARROW PANEL, TRAILER OR SUPPORT		UUVL	UNKNOWN, VALVE			
	ASTS	SPIRAL TO SPIRAL		IRM	RAMP METER		MPWL	PT., WALL LOCATION		TWZBCD.P	BARRICADE (TYPE III)		UUVT	UNKNOWN, VENT			
	AST	SPIRAL TO TANGENT		IRWIS	RDWY WEATHER INFO. SENSOR	ROW ACQUISITION				TWZCMS.P	CHANGEABLE MESSAGE SIGN (PVMS)		UUVW	UNKNOWN, WELL			
	ATS	TANGENT TO SPIRAL		ISP	SOLAR PANEL					MFS.P.T	FEE ACQUISITION		TWZFLG.P	FLAGGER		UWFH	WATER, FIRE HYDRANT
	AVEVT	VERTICAL EVENT POINT		ISST	SPREAD SPECT. TRANSCEIVER		MEPS.P.T	EASEMENT, PERMANENT		TWZFT.P	FLAG TREE		UWM	WATER, METER			
	AVHIGH	VERTICAL HIGH POINT		ITDB	TELEPHONE DEMARCATION BLK		METS.P.T	EASEMENT, TEMPORARY		TWZIA.P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)		UWMH	WATER, MANHOLE			
	AVLOW	VERTICAL LOW POINT		ITP	SUBSURFACE TEMP. PROBE		METS.P.T	EASEMENT, TEMPORARY		TWZLUM.P	LUMINAIRE (TEMPORARY)		UWV	WATER, VALVE			
CONTROL				IVTRT	VEHICLE TO RDWY TRANSCEIVER		METS.P.T	OCCUPANCY, TEMPORARY		TWZSDT.P	SYMBOL, DIRECTION OF TRAFFIC		UWW	WATER, WELL			
				IWIND	WEIGHT IN MOTION DETECTOR		METS.P.T	OCCUPANCY, TEMPORARY		TWZSDTD.P	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR	1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).					
	IWVR	WIRELESS VIDEO REPEATER		METS.P.T	OCCUPANCY, TEMPORARY		TWZSGN.P	SIGN (TEMPORARY)	2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).								
	IWVRC	WIRELESS VIDEO RECEIVER		METS.P.T	OCCUPANCY, TEMPORARY		TWZSIG.P	SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY)				3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.					
	IWVTT	WIRELESS VIDEO TRANSMITTER		METS.P.T	OCCUPANCY, TEMPORARY		TWZW.LP	WARNING LIGHT	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).								
BRIDGE				BSC	BRIDGE, SCUPPER		TWZWV.P	WORK VEHICLE				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.					
				BSC	BRIDGE, SCUPPER		TWZWVA.P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR	6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.								

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.

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TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING LEGEND	DRAWING NUMBER: L-2

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

GENERAL NOTES:

1. MATERIAL AND CONSTRUCTION SPECIFICATIONS: NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (U.S. CUSTOMARY) DATED AS SHOWN ON THE FRONT COVER OF THE PROPOSAL, EXCEPT AS MODIFIED IN THESE PLANS AND THE PROPOSAL.
2. UNLESS NOTED OTHERWISE, PAVEMENT AND UNPAVED TRAIL SURFACES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED "IN-KIND", A.O.B.E.
3. CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE TO TREES WITHIN AND OUTSIDE THE LIMITS OF CONSTRUCTION THAT IS NOT SCHEDULED FOR REMOVAL. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
4. ALL ELEVATIONS SHOWN ARE BASED ON NAVD 88.
5. ANY NEARBY STREETS DISTURBED BY THE CONTRACTOR'S OPERATIONS UNDER THIS CONTRACT SHALL BE RESTORED TO AN ACCEPTABLE CONDITION, AS SPECIFIED BY, AND SATISFACTORY TO THE ENGINEER AT NO ADDITIONAL COST.
6. THE CONTRACTOR SHALL PROVIDE ONE TYPE 1 ENGINEER'S OFFICE FOR THE DURATION OF THIS CONTRACT, IT SHALL BE PLACED IN A LOCATION APPROVED BY THE ENGINEER AND PAID FOR UNDER ITEM 637.11, THE CONTRACTOR SHALL ALSO PROVIDE OFFICE TECHNOLOGY AND SUPPLIES PAID FOR UNDER ITEM 637.34.
7. ANY ROADWAYS, TRAIL, OR PAVED AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED "IN-KIND", A.O.B.E. AT NO COST TO THE NYSCC.
8. THE CONTRACTOR SHALL PREPARE AND SUBMIT A SITE-SPECIFIC HEALTH AND SAFETY PLAN (HASP) TO THE ENGINEER FOR REVIEW. CONTRACTOR SHALL MAINTAIN PLAN ON-SITE FOR ENGINEER AND WORKERS REFERENCE. PLAN SHALL BE UPDATED FOR NEW AND CHANGING CONDITIONS AS THEY ARE RECOGNIZED. THE HASP SHALL ADDRESS THAT CONTAMINATED SOIL MAY BE ENCOUNTERED AS PART OF THE TASK-HAZARD-CONTROL BREAKDOWN. SOIL TESTING HAS BEEN PERFORMED - RESULTS HAVE BEEN PROVIDED AS SUPPLEMENTAL INFORMATION.
9. WORK THAT VIOLATES EITHER LOCAL GOVERNMENT, COUNTY GOVERNMENT, OR CANAL CORPORATION WORK RESTRICTIONS WILL NOT BE ALLOWED. PERMISSIBLE WORK HOURS AND NOISE LIMITS SHALL COMPLY WITH ALL APPLICABLE LOCAL REGULATIONS AND ORDINANCES.
10. THE CONTRACTOR IS REFERRED TO THE CONTRACT PROPOSAL FOR ADDITIONAL NOTES AND INFORMATION NOT CONTAINED ON THESE PLANS.

EARTHWORK NOTES:

1. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS THAT ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE NYSCC, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY SUCH MATERIAL, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER WITHOUT COST TO THE NYSCC.
2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT SPOIL AREAS FOR APPROXIMATELY 8,000 CUBIC YARDS OF SURPLUS MATERIAL ARE AVAILABLE FOR THIS CONTRACT WITHING THE CANAL CORPORATION'S RIGHT-OF-WAY - SPECIFICALLY NEAR THE UTICA HARBOR LOCK (SEE DRAWING PL-1(A)) AND AT THE FORMER BARNES AVENUE PARKING AREA (SEE DRAWING PL-1(B)). SPOIL PLACEMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THIS CONTRACT AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE ENGINEER BEFORE PLACING ANY SPOILS (SEE BELOW FOR SUBMITTAL REQUIREMENTS). UNLESS PLACED IN AN APPROVED AREA, ALL SURPLUS MATERIAL GENERATED UNDER THIS CONTRACT MUST BE REMOVED BY THE CONTRACTOR AND PROPERLY DISPOSED OF OFF-SITE AT A 6 NYCRR PART 360 (PART 360) REGISTERED OR PERMITTED CONSTRUCTION AND DEMOLITION (C&D) RECYCLING FACILITY OR PART 360 PERMITTED LANDFILL. DISPOSAL OF MATERIAL ON THIRD PARTY PROPERTY OTHER THAN A PART 360 DISPOSAL FACILITY IS NOT PERMITTED UNDER THIS CONTRACT.

THE CONTRACTOR SHALL SUBMIT A DISPOSAL PLAN TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL BY THE NYSCC ENVIRONMENTAL ENGINEER, PRIOR TO THE TRANSPORTATION AND DISPOSAL OF THE MATERIAL. THE DISPOSAL PLAN SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

- A. NAME OF PART 360 DISPOSAL FACILITY, ADDRESS, TELEPHONE NUMBER AND CONTACT PERSON;
- B. COPY OF APPLICABLE PART 360 PERMITS, REGISTRATIONS AND/OR LICENSES HELD BY THE DISPOSAL FACILITY;
- C. SIGNED LETTER FROM THE DISPOSAL FACILITY STATING IT IS AUTHORIZED UNDER LAW TO ACCEPT THE TYPE OF WASTE BEING GENERATED, THEIR INTENT TO ACCEPT THE MATERIAL GENERATED BY THIS CONTRACT, AND A LIST OF THE LABORATORY TESTS REQUIRED BY THE FACILITY. THE CONTRACTOR SHALL PERFORM ANY SAMPLING AND ANALYSIS AS REQUIRED BY THE DISPOSAL FACILITY AT NO ADDITIONAL COST TO THE NYSCC.
- D. NAME OF WASTE TRANSPORTER, ADDRESS, TELEPHONE NUMBER AND CONTRACT PERSON AND ALL COPIES OF ALL WASTE TRANSPORTER PERMITS AND/OR LICENSE PLATE NUMBERS FOR VEHICLES THAT WILL BE USED FOR TRANSPORT OF MATERIAL FROM THE SITE TO THE INTENDED DISPOSAL FACILITY.

- E. AN EXAMPLE OF THE WASTE MANIFEST TRACKING FORM THAT WILL BE PROVIDED BY THE WASTE TRANSPORTER.

COMMINGLING OF SPOILS/MATERIAL GENERATED FROM NYSCC PROJECTS AND THIRD PARTY SOURCES SHALL NOT OCCUR EXCEPT AS ALLOWED AT A PART 360 DISPOSAL FACILITY. DISPOSAL OF THE MATERIAL SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

ALL COSTS ASSOCIATED WITH THE REMOVAL AND DISPOSAL OF SPOIL MATERIAL SHALL BE INCLUDED IN THIS BID AMOUNT OF THE APPROPRIATE EXCAVATION AND DISPOSAL ITEMS.

3. SOIL TESTING FOR IMPORTED BACKFILL - TESTING WILL BE REQUIRED FOR ALL IMPORTED BACKFILL MATERIAL BEING UTILIZED AT A NYSCC PROJECT REGARDLESS OF RIGHT OF WAY OWNERSHIP ACCORDING TO 6 NYCRR PART 375, ENVIRONMENTAL REMEDIATION PROGRAMS, PRIOR TO THE MATERIAL BEING BROUGHT ON-SITE. IMPORTED MATERIAL SHALL NOT CONTAIN FOREIGN MATERIALS OF ANY KIND.

THE SAMPLING AND TESTING WILL BE PERFORMED AT THE DIRECTION OF THE NYSCC CANAL PROJECT ENGINEER (ENGINEER) AND THE ANALYTICAL TESTING RESULTS WILL BE PROVIDED TO THE NYSCC ENVIRONMENTAL REPRESENTATIVE FOR REVIEW AND APPROVAL FOR ALL PROPOSED IMPORTED BACKFILL MATERIAL TO VERIFY IT IS ENVIRONMENTALLY CLEAN FILL. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE SOURCE OF THE MATERIAL AT LEAST FOURTEEN (14) WORKING DAYS IN ADVANCE OF IMPORTING MATERIAL TO THE SITE. THE ENGINEER WILL DIRECT THE COLLECTION AND ANALYSIS OF SAMPLES AT THE FREQUENCY SPECIFIED BELOW FOR EACH TYPE AND SOURCE OF IMPORTED BACKFILL UTILIZED AT A NYSCC PROJECT:

REQUIRED NUMBER OF SOIL SAMPLES FOR SOIL UTILIZED AT A NYSCC PROJECT			
CONTAINMENT	VOCS	SVOCs, INORGANIC PCBS/PESTICIDES	
SOIL QUANTITY (CY)	DISCRETE SAMPLES	COMPOSITE	DISCRETE SAMPLES/COMPOSITE
0 - 100	1	1	3 - 5 DISCRETE SAMPLES FROM DIFFERENT LOCATIONS ON THE FILL BEING PROVIDED WILL COMPRISE A COMPOSITE SAMPLE FOR ANALYSIS
100 - 500	3	2	
EVERY 1,000 CUBIC YARDS AFTER	ADD AN ADDITIONAL 2 DISCRETE AND 1 COMPOSITE FOR EACH ADDITIONAL 1,000 CUBIC YARDS		

SAMPLE ANALYSIS WILL INCLUDE THE COMPLETE LIST OF 6 NYCRR PART 375 PARAMETERS AND IMPORTED BACKFILL MATERIAL MUST MEET 6 NYCRR PART 375-6.8(B) RESTRICTED RESIDENTIAL USE SOIL CLEANUP OBJECTIVES AS REFERENCED ON THIS SHEET.

ANALYTICAL TESTING WILL BE PERFORMED BY NEW YORK STATE DEPARTMENT OF HEALTH ENVIRONMENTAL LABORATORY APPROVAL PROGRAM (ELAP) CERTIFIED LABORATORY.

FOR STONE, GRAVEL, AND ROCK, THE CONTRACTOR SHALL PROVIDE CERTIFICATION TO THE ENGINEER THAT THE SOURCE OF STONE CONSIST OF PROCESSED VIRGIN MATERIAL FROM A PERMITTED QUARRY OR MINE. STONE, GRAVEL AND ROCK FROM AN APPROVED SOURCE MAY BE IMPORTED WITHOUT CHEMICAL TESTING PROVIDED THAT IT CONTAINS LESS THAN 10% BY WEIGHT MATERIAL WHICH WOULD PASS THROUGH A SIZE 200 SIEVE.

IF "QUESTIONABLE" IN-SITU SOILS ARE ENCOUNTERED DURING WORK OPERATIONS, THE CONTRACTOR SHALL STOP WORK AT THIS LOCATION AND IMMEDIATELY NOTIFY THE ENGINEER. UPON NOTIFICATION, THE ENGINEER SHALL IMMEDIATELY INFORM THE NYPA MANAGER OF ENVIRONMENTAL OPERATIONS OF THE ISSUE FOR GUIDANCE. TESTING OF SUCH IN-SITU MATERIAL MAY BE REQUIRED BY THE NYSCC, AS ORDERED BY THE ENGINEER.

THE COST OF ALL SAMPLING, TESTING AND/OR ANALYSIS REQUIRED UNDER THIS NOTE SHALL BE BORNE BY THE NYSCC THROUGH THE CONSTRUCTION INSPECTION CONTRACT.

4. SEDIMENT REMOVAL - THE CONTRACTOR IS ADVISED THAT SEDIMENT IS REGULATED AS SOLID WASTE AND IS SUBJECT TO 6 NYCRR PART 360 REGULATIONS. ALL EXCAVATED MATERIAL BELOW THE ORDINARY HIGH WATER MARK (OHWM) AS SHOWN ON THE PLANS SHALL BE CONSIDERED SEDIMENT UNDER THIS CONTRACT AND SHALL BE PROPERLY HANDLED AND DISPOSED OF IN A 6 NYCRR PART 360 (PART 360) PERMITTED DISPOSAL FACILITY. THE COST OF REMOVING AND DISPOSING OF THE EXISTING SEDIMENT SHALL BE PAID FOR UNDER ITEM 203.02000012.

UTILITY NOTES:

1. THE CONTRACTOR SHALL CONTACT UDIG NY IN ADVANCE OF ANY DIGGING TO AVOID INTERRUPTION OF SERVICE PROVIDED BY UNDERGROUND UTILITIES. THE PHONE NUMBER IS 811. IN ADDITION, THE CONTRACTOR SHALL COORDINATE WITH THE NYSCC SECTION SUPERINTENDENT REGARDING LOCATION OF EXISTING NYSCC OWNED UTILITIES PRIOR TO ANY EXCAVATION ACTIVITIES AT ALL SITE LOCATIONS.
2. SHOULD UTILITIES BE ENCOUNTERED DURING CONSTRUCTION WHICH INTERFERE WITH THE WORK AND FOR WHICH PROVISIONS ARE NOT PROVIDED ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF THEIR EXISTENCE AND EXTENT OF CONFLICT WITH THE WORK. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNING AGENCY TO MODIFY ITS FACILITY IN ORDER TO ALLOW THE WORK TO PROGRESS.
3. LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, SHALL BE DETERMINED BY THE CONTRACTOR UTILIZING UDIG NY - UNDERGROUND FACILITIES PROTECTION ORGANIZATION (UFPD). CALL 811. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT THE CONTRACTOR'S OPERATIONS, AND TAKE THE NECESSARY PRECAUTIONS TO PREVENT INTERFERENCE WITH, OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF OPERATIONS.

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REVISIONS

DATE	DESCRIPTION	BY	SYM.

RESTRICTED RESIDENTIAL USE SOIL CLEANUP OBJECTIVES:

CONTAINMENT	RESTRICTED RESIDENTIAL SCOs (PARTS PER MILLION)	CONTAINMENT	RESTRICTED RESIDENTIAL SCOs (PARTS PER MILLION)
METALS		PCB's	
ARSENIC	16	2,4,5-TP ACID (SILVEX)	100
BARIUM	400	4,4'-DDE	8.9
BERYLLIUM	72	4,4'-DDT	7.9
CADMIUM	4.3	4,4'-DDD	13
CHROMIUM, HEXAVALENT	110	ALDRIN	0.097
CHROMIUM, TRIVALENT	180	ALPHA-BHC	0.48
COPPER	270	BETA-BHC	0.36
TOTAL CYANIDE	27	CHLORDANE (ALPHA)	4.2
LEAD	400	DELTA-BHC	100
MANGANESE	2,000	DIBENZOFURAN	59
TOTAL MERCURY	0.81	DIELDRIN	0.2
NICKEL	310	ENDOSULFAN I	24
SELENIUM	180	ENDOSULFAN II	24
SILVER	180	ENDOSULFAN SULFATE	24
ZINC	10,000	ENDRIN	11
		HEPTACHLOR	2.1
		LINDANE	1.3
		POLYCHLORINATED BIPHENYLS	1
SEMIVOLATILES		VOLATILES	
ACENAPHTHENE	100	1,1-TRICHLOROETHANE	100
ACENAPHTHLENE	100	1,1-DICHLOROETHANE	26
ANTHRACENE	100	1,1-DICHLOROETHENE	100
BENZ(A)ANTHRACENE	1	1,2-DICHLOROBENZENE	100
BENZO(A)PYRENE	1	1,2-DICHLOROTHANE	3.1
BENZO(B)FLUORANTHENE	1	CIS-1,2-DICHLOROETHENE	100
BENZO(G,H,I)PERYLENE	100	TANS-1,2-DICHLOROETHENE	100
BENZOK(FLUORANTHENE)Y	3.9	1,3-DICHLOROBENZENE	49
CHRYSENE	3.9	1,4-DICHLOROBENZENE	13
DIBENZ(A,H)ANTHRACENE	0.33	1,4-DIOXANE	13
FLUORANTHENE	100	ACETONE	100
FLUORENE	100	BENZENE	4.8
INDENO(1,2,3-CD)PYRENE	0.5	BUTYLBENZENE	100
M-CRESOL	100	CARBON TETRACHLORIDE	2.4
NAPHTHALENE	100	CHLOROFORM	100
O-CRESOL	100	ETHYLBENZENE	49
P-CRESOL	100	HEXACHLOROBENZENE	41
PENTACHLOROPHENOL	6.7	METHYL ETHYL KETONE	1.2
PHENANTHRENE	100	METHYL TERT-BUTYL ETHER	100
PHENOL	100	METHYLENE CHLORIDE	100
PYRENE	100	N-PROPYLBENZENE	100
		SEC-BUTYLBENZENE	100
		TERT-BUTYLBENZENE	100
		TETRACHLOROETHENE	19
		TOLUENE	100
		TRICHLOROETHENE	21
		1,2,4-TRIMETHYLBENZENE	52
		1,3,5-TRIMETHYLBENZENE	52
		VINYL CHLORIDE	0.9
		XYLENE (MIXED)	100

STAGING AND ACCESS NOTES:

1. THE CONTRACTOR SHALL SUBMIT A STAGING, PHASING, AND CONSTRUCTION ACCESS PLAN FOR APPROVAL BY THE ENGINEER. IF ACCESS IS REQUIRED FROM A STATE HIGHWAY, THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND APPROVAL.
2. THE CONTRACTOR SHALL ADHERE TO THE NYSCC SPECIAL NOTE, ENTITLED "REQUIREMENTS FOR CONTRACTOR'S UTILIZATION OF AREAS OUTSIDE OF THE RIGHT-OF-WAY" IN REGARDS TO ENCROACHMENTS ON PRIVATE LANDS (FOUND IN CONTRACT DOCUMENTS).
3. ALL EQUIPMENT, STOCKPILES AND CONSTRUCTION MATERIAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.

CONSTRUCTION ENTRANCE NOTES:

1. STABILIZED CONSTRUCTION ENTRANCES SHALL BE ESTABLISHED PRIOR TO OTHER SITE CONSTRUCTION ACTIVITIES TO PREVENT THE TRACKING, SPILLING, AND DROPPING OF SEDIMENTS OUTSIDE OF THE WORK AREA BY CONSTRUCTION VEHICLES. IF WASHING IS PERFORMED, WASHING AREAS SHALL BE LOCATED IN LOCATIONS WHICH WILL DRAIN INTO AN APPROVED SEDIMENT CONTROL MEASURE. THE COST OF INSTALLATION, MATERIALS, MAINTENANCE, AND STABILIZATION OF AREAS USED FOR WASHING SHALL BE INCLUDED IN THE PRICE BID FOR THE CONSTRUCTION ENTRANCE (ITEM 209.22).
2. CONTRACTOR SHALL FOLLOW NYSDOT STANDARDS AND DETAILS FOR CONSTRUCTION ENTRANCES, AND SHALL SUBMIT A STAGING PLAN TO THE ENGINEER FOR APPROVAL.
3. CONTRACTOR SHALL PROVIDE PERIODIC INSPECTION AND NEEDED MAINTENANCE AFTER EACH RAIN.
4. THE PROFILE OF THE ACCESS ROAD SHALL MATCH THAT OF THE EXISTING GROUND.
5. DETAILS AND REQUIREMENTS OF CONSTRUCTION ENTRANCE ARE DETAILED ON NYSDOT STANDARD SHEET 209-05. DIMENSIONS AND SHAPE OF THE CONSTRUCTION ENTRANCE SHALL BE MODIFIED FROM THE STANDARD SHEET, AS NEEDED, TO PERFORM THE INTENDED FUNCTION OF REDUCING THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY.
6. UPON COMPLETION OF WORK CONTRACTOR SHALL REMOVE CONSTRUCTION ENTRANCES AND RESTORE SITE TO ORIGINAL CONDITION.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
GENERAL NOTES

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
GN-1

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

EROSION AND SEDIMENT CONTROL NOTES:

1.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE IMPLEMENTED, INSPECTED, MONITORED, AND MAINTAINED AS SPECIFIED IN THE NYSDOT SPECIFICATIONS, THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND IN ACCORDANCE WITH THE SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY GP-0-25-001 (GENERAL PERMIT). WHERE THERE ARE INCONSISTENCIES BETWEEN THE REQUIREMENTS OF THE SPECIFICATIONS, THE GENERAL PERMIT, AND THE SWPPP, THE MORE STRINGENT REQUIREMENTS SHALL BE FOLLOWED.
2.

IN ACCORDANCE WITH SECTIONS 107-12 AND 209 OF THE NYSDOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL DESIGNATE AN "EROSION AND SEDIMENT CONTROL SUPERVISOR" FOR THE PROJECT. THE SUPERVISOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN AND FOR INSPECTING AND MAINTAINING THE CONTROL MEASURES. THE NAME AND QUALIFICATIONS (TRAINING AND EXPERIENCE INCLUDING NYSDEC 4 HOURS TRAINING CERTIFICATE) OF THIS INDIVIDUAL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING EARTHWORK.
3.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ADEQUATE EROSION AND SEDIMENT CONTROL FOR THE SITE. MODIFICATIONS TO AND/OR ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED DEPENDING ON THE ACTUAL SITE CONDITIONS AND WORK PERFORMED. THE CONTRACTOR SHALL MODIFY THE CONTROLS AS NECESSARY TO ACCOMMODATE THEIR OPERATIONS AND OBTAIN APPROVAL BY THE ENGINEER PRIOR TO IMPLEMENTING ANY CHANGES.
4.

THE CONTRACTOR SHALL MODIFY THE EROSION AND SEDIMENT CONTROLS AS NECESSARY TO ACCOMMODATE THEIR OPERATIONS AND OBTAIN APPROVAL BY THE ENGINEER PRIOR TO IMPLEMENTING ANY CHANGES. THE DESIGNATED "EROSION AND SEDIMENT CONTROL SUPERVISOR" SHALL NOTIFY THE ENGINEER IN ADVANCE OF ANY FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THE CONTRACT DOCUMENTS. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO SUBMIT A MODIFIED EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL PRIOR TO IMPLEMENTING FIELD CHANGES.
5.

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE ENGINEER A WRITTEN SCHEDULE AND PROPOSED MEASURES FOR TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK AND SCHEDULE OF OPERATIONS AS REQUIRED BY SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS. THE COST OF INSTALLING, MAINTAINING, CLEANING AND REMOVING TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE PAID FOR UNDER THE EROSION AND CONTROL RELATED ITEMS INCLUDED IN THE CONTRACT.
6.

INSPECTION, PERIODIC CLEANING, AND MAINTENANCE OF TEMPORARY EROSION CONTROL MEASURES SHALL BE PERFORMED ON A SCHEDULED BASIS IN ACCORDANCE WITH SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS.
7.

THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHMENT OF STAGING AND ACCESS AREAS AS NECESSARY TO PERFORM THE WORK, WITH THE APPROVAL OF THE ENGINEER. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DEPENDING ON THE LOCATIONS IDENTIFIED, INCLUDING CONSTRUCTION ENTRANCES, SILT FENCE, SEEDING AND MULCHING, ETC.
8.

INSTALL TEMPORARY CRUSHED STONE, STABILIZED CONSTRUCTION ENTRANCE WHEREVER A CONSTRUCTION ACCESS INTERSECTS AND PAVED SURFACE. ENTRANCE SHALL BE CLEAN, CRUSHED STONE, 6-INCH THICK, AND SHALL BE AT LEAST 12 FEET WIDE BY 50 FEET LONG. IF IT IS NOT PRACTICAL TO INSTALL A STABILIZED CONSTRUCTION ENTRANCE, AN ALTERNATE METHOD TO PREVENT SOIL AND SEDIMENT FROM BEING TRACKED OFF THE PROJECT SITE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
9.

THE CONTRACTOR IS RESPONSIBLE FOR THE CLEARING OF ANY SEDIMENT TRACKED ON TO PUBLIC ROADWAYS, OTHER PAVED AREAS, AND UNPAVED TRAIL AREAS. WASHING OF THE SEDIMENT INTO ADJACENT WATERWAYS, DRAINAGE SWALES, OR WETLANDS IS NOT PERMITTED.
10.

DUMP TRUCKS HAULING MATERIAL TO AND FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPULIN.
11.

STOCKPILE LOCATIONS SHALL BE LOCATED AS SHOWN ON THE PLANS, AT THE CONTRACTOR'S DISCRETION AS APPROVED BY THE PROJECT ENGINEER, OR AS DIRECTED BY THE PROJECT ENGINEER. ALL STOCKPILES OF ERODIBLE MATERIAL (SUCH AS TOPSOIL OR FILL) MUST BE PROTECTED AS PER THE SOIL EROSION AND SEDIMENT CONTROL DETAILS. AT A MINIMUM, TEMPORARY STOCKPILES SHALL BE CONTAINED WITH SILT FENCE OR ALTERNATIVE MATERIALS DESIGNED TO PREVENT SEDIMENT TRANSPORT. STOCKPILES AND AREAS OF STOCKPILES LEFT INACTIVE FOR LONGER THAN 14 DAYS SHALL HAVE TEMPORARY SEED AND/OR MULCH APPLIED OR BE COVERED IN A MANNER THAT WILL PREVENT EROSION. ANY MEASURES USED TO PROTECT OR COVER STOCKPILES SHALL BE MAINTAINED TO ENSURE THEIR EFFECTIVENESS. NO PAYMENT WILL BE MADE TO PROVIDE EROSION CONTROL MEASURES FOR CONTRACTOR STOCKPILES.
12.

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE FOR WHICH THEY ARE INTENDED AND SHALL REMAIN IN PLACE UNTIL SOILS ARE PERMANENTLY STABILIZED.
13.

THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF FROM DISTURBED AREAS IS DIVERTED TO APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATER BODY OR WETLAND.
14.

INSTALL TEMPORARY SILT FENCE AS DETAILED ON THE CONSTRUCTION DRAWINGS. SILT FENCE SHALL BE INSTALLED ALONG THE SAME CONTOUR LINE AND LENGTH.

15.

CLEARING AND GRUBBING AND TREE REMOVALS SHALL BE LIMITED TO NO MORE THAN THOSE INDICATED ON THE PLANS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
16.

GROUND PROTECTION MATS SHALL BE REQUIRED FOR ANY EQUIPMENT ACCESS TO WETLAND AREAS NOT PERMANENTLY IMPACTED BY THE PROPOSED WORK. ALL WETLAND AREAS TEMPORARILY DISTURBED BY GROUND PROTECTION MATS SHALL BE RESTORED TO ORIGINAL CONDITION OR AS DIRECTED BY ENGINEER.
17.

THE CONTRACTOR SHALL INSTALL TEMPORARY STABLE HAUL PATHS WHERE INDICATED ON THE PLANS FOR INGRESS/EGRESS TO AREAS OF PROPOSED WORK. TEMPORARY HAUL PATHS MUST BE REMOVED AND REGRADED AND THE AREA STABILIZED AND RESTORED IMMEDIATELY AFTER PATH IS NO LONGER NEEDED.
18.

UNDER NO CONDITION SHALL DISCONTINUED CONSTRUCTION ACTIVITIES IN AREAS WITH SOIL DISTURBANCES BE LEFT FOR A PERIOD OF GREATER THAN 14 DAYS WITHOUT TEMPORARILY STABILIZING THOSE AREAS WITH TEMPORARY SEED AND MULCH, ITEM 209.1003. MULCH SHALL BE MAINTAINED UNTIL SUITABLE VEGETATIVE COVER IS ESTABLISHED.
19.

ALL DISTURBED AREAS WHICH ARE NOT SUBJECT TO FURTHER DISTURBANCE OR CONSTRUCTION TRAFFIC SHALL BE ESTABLISHED WITH PERMANENT VEGETATIVE COVER, AS PER CONTRACT SPECIFICATIONS, WITHIN 14 DAYS OF FINAL GRADING.
20.

WHEN THE PROJECT IS COMPLETED AND FULLY STABILIZED, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES. ALL SEDIMENT REMOVED FROM EROSION CONTROL DEVICES SHALL BE DISPOSED OF ON AN APPROVED SITE WHERE IT CANNOT BE WASHED INTO ANY WATERS. DISPOSAL SITES WILL BE IDENTIFIED PRIOR TO SURFACE DISTURBANCE AND SHALL BE APPROVED BY THE ENGINEER.
21.

FINAL STABILIZATION MEANS THAT ALL SOIL DISTURBANCE ACTIVITIES HAVE CEASED AND A UNIFORM, PERENNIAL VEGETATIVE COVER WITH A DENSITY OF EIGHTY (80) PERCENT OVER THE ENTIRE PERVIOUS SURFACE HAS BEEN ESTABLISHED, OR OTHER EQUIVALENT STABILIZATION MEASURES, SUCH AS PERMANENT LANDSCAPE MULCHES, ROCK RIP-RAP, OR WASHED/CRUSHED STONE HAVE BEEN APPLIED ON ALL DISTURBED AREAS THAT ARE NOT COVERED BY PERMANENT STRUCTURE, CONCRETE, OR PAVEMENT.
22.

OTHER EROSION CONTROL MEASURES MAY BE REQUIRED AOE IN ADDITION TO THE METHODS SHOWN ON THE PLANS.
23.

REFER TO NYSDOT STANDARD SHEETS 209-1 THRU 209-7 FOR SOIL EROSION AND SEDIMENT CONTROL DETAILS.

ENVIRONMENTAL PROTECTION NOTES:

1.

THE CONTRACTOR SHALL CONDUCT THEIR OPERATIONS TO THE SATISFACTION OF THE PROJECT ENGINEER TO PREVENT ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL. OR FROM THE MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE WATERWAYS. NO HEAVY EQUIPMENT IS ALLOWED IN ANY STREAM OR WATERWAY. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A STREAM, OR TO A DITCH IMMEDIATELY FLOWING INTO A STREAM, ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH COULD CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES.

IF THE CONTRACTOR USES WATER FROM A STREAM, AN INTAKE OR TEMPORARY DAM SHALL BE CONSTRUCTED TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM. THE CONTRACTOR S OPERATIONS MUST BE CONDUCTED IN A MANNER THAT MAINTAINS DOWNSTREAM FLOW CONSISTENT WITH AMBIENT CONDITIONS. NO VISIBLE CONTRAST BETWEEN UPSTREAM AND DOWNSTREAM WATER QUALITY SHALL BE ALLOWED. THE NYSCC ENVIRONMENTAL ENGINEER MUST BE CONSULTED PRIOR TO ANY WATER WITHDRAWAL. ALL TEMPORARY MEASURES SHALL BE REMOVED AND THE AREA RESTORED AT THE COMPLETION OF THE WORK.
2.

VISIBLY TURBID DISCHARGES FROM DEWATERING OPERATIONS OR EXCAVATION ACTIVITIES SHALL NOT BE ALLOWED TO ENTER ANY WATERWAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEASURES NECESSARY TO ELIMINATE THE TURBIDITY PRIOR TO AND DURING DISCHARGE. ENERGY DISSIPATION MEASURES TO PREVENT SCOUR WILL BE NECESSARY.
3.

DISCHARGE OF OIL AND HAZARDOUS SUBSTANCES IS PROHIBITED BY SECTION 311 OF THE CLEAN WATER ACT. APPROPRIATE SPILL PREVENTION AND CONTROL PROCEDURES SHALL BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION ACTIVITIES TO PREVENT OIL AND OTHER SUCH MATERIALS FROM DISCHARGING TO THE GROUND, DRAINS, DITCHES, SURFACE WATERS, WETLANDS AND/OR GROUNDWATER. THESE PROCEDURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, PROPER MAINTENANCE OF CONSTRUCTION EQUIPMENT, DESIGNATION OF FUEL/HAZARDOUS SUBSTANCES HANDLING AREAS, USE OF APPROPRIATE CONTAINMENT AND AVAILABILITY OF SPILL RESPONSE RESOURCE FOR PREVENTION OF ANY SPILLS FROM ENTERING THE ENVIRONMENT. IF DESPITE SUCH PLANNING AND CONTROL, OIL OR HAZARDOUS SUBSTANCES ARE RELEASED TO THE ENVIRONMENT, IMMEDIATE NOTIFICATION SHALL BE GIVEN TO PROJECT ENGINEER, THE NYSCC EMERGENCY CALL CENTER (CCECC) AT 1-833-538-1042, THE NYSDEC AT 1 800-457-7362 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 PER SPILL REPORTING REQUIREMENTS. AN EMERGENCY RESPONSE CONTAINMENT KIT INCLUDING OIL ABSORBENT BROOMS AND PADS SHALL BE RETAINED ON SITE FOR RAPID DEPLOYMENT TO SOAK UP ANY POSSIBLE SPILLAGE, PENDING NYSDEC ARRIVAL ON THE SCENE. THE USE OF CHEMICAL DISPERSING AGENTS AND EMULSIFIERS IS NOT AUTHORIZED WITHOUT PRIOR SPECIFIC FEDERAL OR STATE APPROVAL. THE COST OF SUCH MEASURES SHALL BE PAID FOR UNDER THE VARIOUS ITEMS OF THE CONTRACT.
4.

THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL ENVIRONMENTAL PERMITS AND REGULATORY REQUIREMENTS FOR THIS PROJECT. THESE PLANS AND CONTRACT DOCUMENTS REFLECT THE ENVIRONMENTAL PROVISIONS AND REGULATORY REQUIREMENTS. ENVIRONMENTAL PERMIT(S) WILL BE PROVIDED TO THE CONTRACTOR BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THESE PERMITS AND TO CONDUCT HIS OPERATIONS IN A MANNER THAT COMPLIES WITH THE REGULATORY REQUIREMENTS. A COPY OF THESE PERMITS SHALL BE MAINTAINED ON SITE.
5.

THE CONTRACTOR SHALL CONSULT THE ENGINEER PRIOR TO COMMENCING ACTIVITIES REGULATED BY THE SAID PERMIT(S). ANY ALTERATIONS OR DEVIATIONS FROM THESE PLANS AND CONTRACT DOCUMENTS MAY REQUIRE ADDITIONAL APPROVALS AND/OR PERMIT MODIFICATIONS FROM THE NYSCC OR REGULATORY AGENCIES. PRIOR TO COMMENCING ALTERATIONS OR DEVIATIONS FROM THESE PLANS AND CONTRACT DOCUMENTS, THE NYSCC ENVIRONMENTAL REPRESENTATIVE SHALL BE NOTIFIED, AND THE PROPER APPROVALS OBTAINED.

6.

CONTRACTOR IS PERMITTED TO WORK WITHIN WETLANDS ONLY AS INDICATED IN DRAWINGS. NO DISTURBANCE OF ANY OTHER WETLANDS SHALL BE PERMITTED.
7.

DURING CONSTRUCTION, NO WET OR FRESH CONCRETE SHALL BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATERBODY (I.E. STREAM, WETLAND, DITCH, POND, ETC.) OR DRAINAGE STRUCTURE. ALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES SHALL BE CONTAINERIZED IN A LINED CONCRETE WASHOUT DISPOSAL AREA AS SHOWN ON THE PLANS. UNDER NO CIRCUMSTANCES SHALL WASHINGS BE DIRECTLY PLACED ON SOIL OR BE ALLOWED TO ENTER DIRECTLY OR INDIRECTLY INTO ANY WATERBODY OR DRAINAGE STRUCTURE. ALL CONCRETE WASHOUT DISPOSAL AREAS UTILIZED BY THE CONTRACTOR SHALL BE PRE-APPROVED BY THE PROJECT ENGINEER AND LOCATED AT LEAST 100 FEET FROM ANY WATERBODY OR DRAINAGE STRUCTURE (OR AOE). IF THE 100-FOOT DISTANCE FROM ANY WATERBODY OR DRAINAGE STRUCTURE CANNOT BE ACHIEVED AT THE SITE THEN THE LOCATION OF THE CONCRETE WASHOUT DISPOSAL AREA MUST BE APPROVED BY THE NYSCC ENVIRONMENTAL ENGINEER.
8.

THE CONTRACTOR SHALL AVOID ENTRY INTO AND CONDUCT OPERATIONS TO PREVENT ANY DAMAGE OR ADVERSE IMPACTS TO STATE AND FEDERAL PROTECTED WETLAND AREAS INCLUDING THE STATE 100 FOOT ADJACENT AREA (BUFFER) WITHIN OR CONTIGUOUS TO THE PROJECT. EXCEPTIONS ARE ONLY AS ORDERED BY THE ENGINEER, IN COORDINATION WITH THE NYSCC ENVIRONMENTAL REPRESENTATIVE AND APPROVED BY REGULATORY AGENCIES IN ACCORDANCE WITH PROJECT REQUIREMENTS. PRIOR TO BEGINNING WORK THE CONTRACTOR SHALL INSTALL A DEMARCATION BARRIER (E.G., ORANGE SNOW FENCE) AND PROTECTED AREA SIGNS BETWEEN WETLANDS NOT TO BE DISTURBED AND THE AREA OF WORK AS SHOWN ON THE PLANS OR AS NEEDED BASED ON FIELD CONDITIONS, WHICHEVER PROVIDES THE MOST EFFECTIVE CONTROL AS DETERMINED BY THE ENGINEER IN COORDINATION WITH THE NYSCC ENVIRONMENTAL REPRESENTATIVE.

EXAMPLES OF ACTIVITIES WHICH ARE NOT TO ENCROACH ON WETLANDS INCLUDE, BUT ARE NOT LIMITED TO, MOVEMENT OF VEHICLES, CONSTRUCTION STAGING, IMPLEMENTATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PLACEMENT OF ANY FILL MATERIAL. THE PROTECTIVE FENCE SHALL BE MAINTAINED UNTIL PROJECT COMPLETION AND THEN REMOVED. ALL COST FOR THIS SHALL BE PAID FOR UNDER ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE.

MISCELLANEOUS NOTES

1.

THE CONTRACTOR SHALL PROVIDE A SURVEY-GRADE GPS FOR USE BY INSPECTION STAFF, PAID FOR UNDER ITEM 625.110001.

SUGGESTED CONSTRUCTION SEQUENCE

THE SUGGESTED CONSTRUCTION SEQUENCE IS MEANT TO MINIMIZE IMPACT TO TRAIL USERS AND TO PROVIDE ECONOMY OF OPERATIONS. THE CONTRACTOR MAY RECOMMEND AN ALTERNATE SEQUENCE, SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER.

- PHASE 1: (SLOPE ARMORING)

1. PLACE REQUIRED CONSTRUCTION AND WARNING SIGNS, AND ESTABLISH REQUIRED DETOUR.

2. INSTALL SLOPE PROTECTION ALONG THE CANAL EMBANKMENT, AS INDICATED.

- PHASE 2: (UTICA HARBOR LOCK CROSSING)

1. PLACE REQUIRED CONSTRUCTION AND WARNING SIGNS.

2. INSTALL TEMPORARY EROSION CONTROL ITEMS AND CONSTRUCTION ENTRANCES.

3. EXCAVATE, GRADE, FILL, AND INSTALL THE UTICA HARBOR LOCK CROSSING CATWALK.

4. INSTALL THE ADJACENT TRAIL CONNECTIONS TO THE CATWALK.

- PHASE 3: (SEGMENT B)

1. PLACE REQUIRED SIGNAGE TO CLOSE TRAIL SEGMENT "B".

2. INSTALL TEMPORARY EROSION CONTROL ITEMS AND CONSTRUCTION ENTRANCES.

3. EXCAVATE, GRADE, FILL, AND INSTALL THE RECONSTRUCTION SECTIONS OF SEGMENT "B" AND THE BARNES AVE LOT.

4. MILL THE REQUIRED SECTIONS OF SEGMENT "B".

- PHASE 4: (SEGMENT A)

1. PLACE REQUIRED SIGNAGE TO CLOSE TRAIL SEGMENT "A".

2. INSTALL TEMPORARY EROSION CONTROL ITEMS AND CONSTRUCTION ENTRANCES.

3. EXCAVATE, GRADE, FILL, AND SUBBASE MATERIAL ALONG SEGMENT "A" AND THE GRASS ROAD.

- PHASE 5: (MISC)

1. PAVE TOP COURSE FOR BOTH TRAIL SEGMENTS, SCHEDULE A.O.B.E.

2. INSTALL PERMANENT SIGNING, FENCES, AND RAILINGS.

3. REMOVE TEMPORARY EROSION CONTROL ITEMS.

4. REMOVE CONSTRUCTION SIGNAGE AND DETOURS.

AFFIXED ON:

9/4/2025

SIGNATURE:

STAMP:

STATE OF NEW YORK

LUKE A. MAGNOLI

072257

PROFESSIONAL ENGINEER

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE

Canal Corporation

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TITLE OF PROJECT

CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT

ERIE CANALWAY TRAIL

ONEIDA COUNTY

TITLE OF DRAWING

GENERAL NOTES

CONTRACT NUMBER:

K25-10371942LK

DATE:

09/03/2025

DRAWING NUMBER:

GN-2

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

TABLE NO. 1		INVENTORY MANAGEMENT - REVISIONS TO <u>EXISTING</u> STRINS / STRUCTURES		
CONTRACT NO.:		K25-10371942LK - CANALWAY TRAIL IMPROVEMENTS HARBOR LOCK RD TO BARNES AVE, CITY OF UTICA & TOWN OF MARCY, ONEIDA CO.		
EXISTING STRINS DETAILS				
	MODIFY	REMOVE/ABANDON	•NO CHANGE•	STRUCTURE NAME
1	4HLSA8B			ACCESS ROAD - UHL (UTICA)
2	4HLSP8D			PARKING AREA - UHL (UTICA)
3			400067C	DIVE CULVERT - UTICA
4	4UDS032			EXPIRED - UDS 4-32
5	4S1459E			EMBANK. - LELAND AVE. TO UTICA HARBOR LOCK; MP START: 101.2; MP END: 101.6
6			400094A	DOCK - UTICA HIGHWAY
7		4X0038D		PARKING AREA - BARNES AVE TRAIL HEAD
8	4S1609E			EMBANK. - UTICA LOCK TO LOCK E20; MP START: 101.8; MP END: 102.4
9		40BA45A		BOAT LAUNCH - BARNES AVE (UTICA)
10	40UHL1B			LIFT GATE - UHL UPPER (UTICA)
11	40UHL1A			LOCK - UTICA HARBOR
12	***SEGMENT "A"			CANALWAY TRAIL - UTICA HARBOR LOCK TO HARBOR LOCK ROAD
13	***SEGMENT "B"			CANALWAY TRAIL - BARNES AVENUE TO UTICA HARBOR LOCK

TABLE NO. 2		INVENTORY MANAGEMENT - INTRODUCTION OF <u>NEW</u> STRINS / STRUCTURES	
NEW STRUCTURES DETAILS			
	••NEW STRINS••	STRUCTURE TYPE	STRUCTURE DESCRIPTION
1	4TA178E	8E - CULVERT AND DITCH FOR ROADS AND PARKING AREAS	CULVERT - TRAIL - A17+35 (UTICA)
2	4TA238E	8E - CULVERT AND DITCH FOR ROADS AND PARKING AREAS	CULVERT -TRAIL - A23+20 (UTICA)
3	4TA288E	8E - CULVERT AND DITCH FOR ROADS AND PARKING AREAS	CULVERT -TRAIL - A28+10 (UTICA)
4	4TA318E	8E - CULVERT AND DITCH FOR ROADS AND PARKING AREAS	CULVERT -TRAIL - A31+15 (UTICA)
5	4TA378E	8E - CULVERT AND DITCH FOR ROADS AND PARKING AREAS	CULVERT -TRAIL - A37+10 (UTICA)
6	4TA398E	8E - CULVERT AND DITCH FOR ROADS AND PARKING AREAS	CULVERT -TRAIL - A39+10 (UTICA)
7	4TB448E	8E - CULVERT AND DITCH FOR ROADS AND PARKING AREAS	CULVERT -TRAIL - B44+90 (UTICA)
8	4TB488E	8E - CULVERT AND DITCH FOR ROADS AND PARKING AREAS	CULVERT -TRAIL - B48+60 (UTICA)
• THE COLUMN TITLED "NO CHANGE" LISTS STRINS THAT ARE/WERE IN CLOSE PROXIMITY OR DIRECTLY ADJACENT TO THE STRINS THAT WERE MODIFIED OR REMOVED/ABANDONED DURING THE CONTRACT. THIS COLUMN/LIST POSITIVELY AFFIRMS THAT NO CHANGES WERE MADE TO THE STRUCTURES LISTED.			
•• STRINS ARE TO BE PROVIDED BY THE ASSET MANAGEMENT AND INSPECTION INVENTORY ENGINEER.			
••• EXISTING TRAIL ALIGNMENT PROPOSED FOR IMPROVEMENT. TRAIL SEGMENTS ARE NOT CURRENTLY ASSIGNED STRINS, BUT THIS PRACTICE IS SUBJECT TO CHANGE.			
USE OF TABLES NO. 1 & NO. 2;			
- TABLE NO. 1 - TO BE COMPLETED IN THE DESIGN PHASE AND CONFIRMED IN THE CONSTRUCTION PHASE.			
- TABLE NO. 2 - TO BE COMPLETED IN THE DESIGN PHASE AND CONFIRMED IN THE CONSTRUCTION PHASE.			
- ALL AS-BUILT RECORD PLANS, STRUCTURAL SHOP DRAWINGS, AND COMPLETED INVENTORY TABLES MUST BE ACKNOWLEDGED BY ASSET MANAGEMENT PRIOR TO FINAL ACCEPTANCE OR CLOSEOUT OF CONTRACT.			
- NYS&C ASSET MANAGEMENT USES THIS TABULATED INFORMATION TO CREATE STRINS AND UPDATE INFORMATION WITHIN CIMS FOR INVENTORY PURPOSES.			

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
GENERAL NOTES

CONTRACT NUMBER:
K25-10371942LK

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DRAWING NUMBER:
GN-3

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

ENGINEER'S ESTIMATE (TRAIL SEGMENTS A & B)					
ITEM	DESCRIPTION	UNIT	QUAN. SEG A	QUAN. SEG B	TOTAL QUAN
201.06	CLEARING AND GRUBBING	LS	-	-	1
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	7,248	2,542	9,790
203.02000012	UNCLASSIFIED EXCAVATION AND DISPOSAL OF SEDIMENT	CY	8,409	1,119	9,528
203.03	EMBANKMENT IN PLACE	CY	568	720	1,288
206.0201	TRENCH AND CULVERT EXCAVATION	CY	140	37	177
207.21	GEOTEXTILE SEPARATION	SY	267	222	489
207.24	GEOTEXTILE STABILIZATION	SY	2,573	-	2,573
207.96000017	GEOSYNTHETIC REINFORCEMENT	SY	7,459	-	7,459
209.1003	SEED AND MULCH - TEMPORARY	SY	1,000	1,000	2,000
209.13	SILT FENCE - TEMPORARY	LF	6,650	9,067	15,717
209.1501	TURBIDITY CURTAIN - TEMPORARY	LF	2,500	350	2,850
209.22	STABILIZED CONSTRUCTION ACCESS	SY	222	682	904
304.12	SUBBASE COURSE, TYPE II	CY	1,756	852	2,608
490.3	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	SY	-	540	540
564.05	STRUCTURAL STEEL	LS	-	1	1
568.82	PEDESTRIAN AND BICYCLE RAILING (THREE-RAIL)	LF	-	190	190
570.01	LEAD EXPOSURE CONTROL PLAN	LS	-	1	1
580.01	REMOVAL OF STRUCTURAL CONCRETE	CY	-	25	25
589.010001	REMOVAL OF EXISTING STEEL	LB	-	2,500	2,500
603.171016	GALVANIZED STEEL END SECTIONS - PIPE (2-2/3" X 1/2" CORRUGATIONS) 12 INCH DIAMETER, 16 GAUGE	EA	10	8	18
603.171614	GALVANIZED STEEL END SECTIONS - PIPE (2-2/3" X 1/2" CORRUGATIONS) 30 INCH DIAMETER, 14 GAUGE	EA	2	-	2
603.9812	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 12 INCH DIAMETER	LF	228	78	306
603.983	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 30 INCH DIAMETER	LF	46	-	46
607.4101001	TEMPORARY PLASTIC BARRIER FENCE	LF	1,500	-	1,500
607.43--12	WOOD RAIL FENCE (THREE RAIL)	LF	1,285	270	1,555
607.8258	VEHICULAR BARRIER GATE	LF	24	44	68
608.000013	HMA PLANT PRODUCTION QUALITY ADJUSTMENT - NYS DOT REGION 2 (\$75/QU)	QU	54	54	108
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	-	32	32
608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS, AND BICYCLE PATHS	TON	1,076	1,082	2,158
610.1402	TOPSOIL - ROADSIDE	CY	572	1,040	1,612
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY	5,148	4,678	9,826
610.17	WILDFLOWER SEEDING	SY	-	3,000	3,000
614.060102	TREE REMOVAL OVER 4 INCHES TO 6 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH	EA	-	1	1
614.060202	TREE REMOVAL OVER 6 INCHES TO 12 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH	EA	-	2	2
614.060302	TREE REMOVAL OVER 12 INCHES TO 18 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH	EA	-	3	3
614.060402	TREE REMOVAL OVER 18 INCHES TO 24 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH	EA	-	4	4
614.060502	TREE REMOVAL OVER 24 INCHES TO 36 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH	EA	-	1	1
619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	-	-	1
619.04	TYPE III CONSTRUCTION BARRICADES	EA	4	4	8
620.04	STONE FILLING (MEDIUM)	CY	10,733	1,519	12,252
620.0801	BEDDING MATERIAL, TYPE 1	CY	3,077	466	3,543
623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	44	978	1,022
625.01	SURVEY OPERATIONS	LS	-	-	1
625.110001	SURVEY GRADE GPS INSPECTION UNIT	EA	1	1	2
627.50140008	CUTTING PAVEMENT	LF	25	30	55
637.11	ENGINEER'S FIELD OFFICE - TYPE 1	MNTH	12	-	12
637.31000112	INSPECTION VEHICLE(S)	MNTH	12	-	12
637.34	OFFICE TECHNOLOGY AND SUPPLIES	DC	2,000	-	2,000
645.5201	GROUND-MOUNTED SIGN PANELS WITH HIGH VISIBILITY SHEETING AND NON-RETROREFLECTIVE SHEETING WITHOUT Z-BARS	SF	9	28	37
645.81	TYPE A SIGN POSTS	EA	3	10	13
647.31	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SQUARE FEET)	EA	2	-	2
647.61	REMOVE AND DISPOSE SIGNS, GROUND MOUNTED TYPE A SIGN SUPPORTS AND FOUNDATIONS - SIZE I (UNDER 30 SQUARE FEET)	EA	1	3	4
697.03	FIELD CHANGE PAYMENT (FCP)	DC	-	-	652,000
698.05	FUEL PRICE ADJUSTMENT (LUMP SUM) [CALCULATED IN ESTIMATOR]	DC	0	0	0
699.040001	MOBILIZATION 4%	LS	-	-	1

AFFIXED ON: 9/4/2025

SIGNATURE:  STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE

Canal Corporation



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Albany, NY 12205-0269
518.453.4500 • www.cmaa.com

TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
ESTIMATE OF QUANTITIES

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
EQ-1

CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY: JLC

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

WORK ZONE TRAFFIC CONTROL NOTES

I. GENERAL WORK ZONE TRAFFIC CONTROL

- "MUTCD", AS REFERENCED IN THESE CONTRACT DOCUMENTS, SHALL MEAN THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; WITH THE NEW YORK STATE SUPPLEMENT.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES AND WORK ZONE TRAFFIC CONTROL SHALL CONFORM TO THE MUTCD, SECTION 619 OF THE NYS STANDARD SPECIFICATIONS AS REFERENCED IN THE CONTRACT DOCUMENTS, AND AS ORDERED BY THE ENGINEER (A.O.B.E.).
- PRIOR TO THE START OF WORK, THE CONTRACTOR MUST SUBMIT ANY PROPOSED CHANGES TO THE WORK ZONE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL. CHANGE WHICH ALTERS THE BASIC CONCEPT OF THE PLAN MUST BE APPROVED BY THE ENGINEER.
- THE WORK ZONE TRAFFIC CONTROL OF TRAFFIC PLANS AND DETAILS ARE NOT INTENDED TO BE ALL INCLUSIVE, BUT RATHER SERVE AS A GUIDE FOR THE SAFE AND EFFICIENT SEQUENCE OF CONSTRUCTION OPERATIONS. ANY INCIDENTAL ADDITIONS OR REVISIONS TO THIS TRAFFIC CONTROL PLAN DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL, OR THE APPROPRIATE PAY ITEM AS APPLICABLE.
- THE TYPICAL APPLICATIONS SHOWN IN CHAPTER 6 OF THE MUTCD DESCRIBE THE MINIMAL METHODS AND CONTROL DEVICES NECESSARY. THE ENGINEER MAY ORDER ADDITIONAL DEVICES AND/OR METHODS TO MEET FIELD CONDITIONS. NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL DEVICES ORDERED.
- IF THE ENGINEER NOTIFIES THE CONTRACTOR OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THAT AREA SHALL BE DISCONTINUED AND IMMEDIATE REMEDIAL ACTION SHALL BE TAKEN TO THE SATISFACTION OF THE ENGINEER BEFORE WORK IS RESUMED.
- SAFE AND ADEQUATE INGRESS AND EGRESS TO AND FROM INTERSECTING ROADS SHALL BE MAINTAINED AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.
- THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF CONSTRUCTION OPERATIONS, 2 WEEKS PRIOR TO THE COMMENCEMENT OF WORK. UPDATES TO THIS SCHEDULE WILL BE REQUIRED IF AND WHEN SCHEDULED OPERATIONS CHANGE.
- NIGHTTIME CONSTRUCTION WILL NOT BE PERMITTED. SHOULD NIGHTTIME OPERATIONS BE REQUIRED IN AN EMERGENCY SITUATION, THEY SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 619-3.19 OF THE STANDARD SPECIFICATIONS.

II. CONSTRUCTION SIGNS

- DIAMOND-SHAPED ADVANCE WARNING SIGNS SHALL BE USED FOR ALL ADVANCE WARNING SIGNS. COLOR REQUIREMENTS SHALL BE BLACK TEXT ON FLUORESCENT ORANGE BACKGROUND. COLOR REQUIREMENTS FOR GUIDE SIGNS AND REGULATORY SIGNS USED FOR CONSTRUCTION SIGNING SHALL BE IN ACCORDANCE WITH SECTION 619-2.02(HX1) OF THE SPECIFICATIONS.
- SIGNS, EITHER PERMANENT OR TEMPORARY MUST BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE MUTCD UNLESS SHOWN OTHERWISE ON THE PLANS. ALL SIGNS, INCLUDING GUIDE SIGNS, SHALL INDICATE ACTUAL CONDITIONS AT ALL TIMES AND SHALL BE COVERED, MOVED, REMOVED, OR CHANGED IMMEDIATELY AS ORDERED BY THE ENGINEER.
- LONGITUDINAL PLACEMENT OF CONSTRUCTION SIGNS SHALL BE AS SHOWN ON THE TRAFFIC CONTROL PLAN AND DETAILS, AND AS ORDERED BY THE ENGINEER. LATERAL PLACEMENT AND SIGN HEIGHTS SHALL BE IN ACCORDANCE WITH SECTION 6F OF MUTCD.

III. WORK ZONE TRAFFIC CONTROL OF PEDESTRIANS AND BICYCLISTS

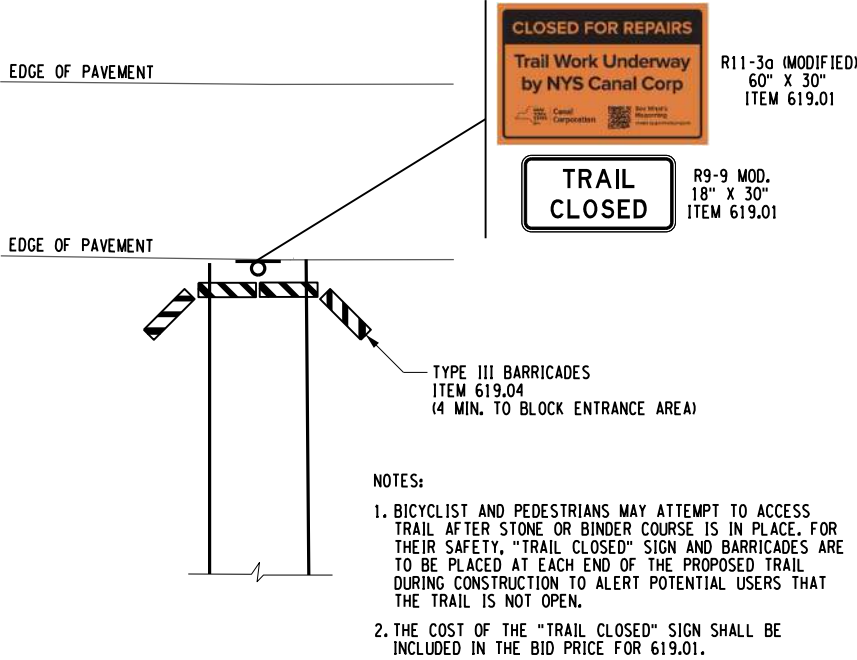
- PEDESTRIAN AND BICYCLIST TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES IN ACCORDANCE WITH SECTION 619 OF THE NYSDOT STANDARD SPECIFICATIONS. ALL PEDESTRIAN ACCESS SHALL COMPLY WITH THE REQUIREMENTS OF THE CURRENT AMERICANS WITH DISABILITIES ACT OR AS DIRECTED BY THE ENGINEER.
- NEW SHARED-USE TRAIL INCLUDED IN THIS CONTRACT SHALL REMAIN CLOSED UNTIL COMPLETION OF ALL WORK. "TRAIL CLOSED" SIGNS (R9-9 MOD) SHALL BE USED AT EACH END OF THE PROPOSED TRAIL DURING CONSTRUCTION. (SEE DETAIL ON THIS SHEET)

IV. CONSTRUCTION ACTIVITIES

- MATERIAL SHALL NOT BE STORED WITHIN THE CLEAR ROADSIDE AREA, AS DETERMINED BY THE ENGINEER.
- CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE REMOVED FROM THE CLEAR ROADSIDE AREA DURING NON WORKING HOURS. THIS REQUIREMENT SHALL NOT BE LIMITED TO THE CONTRACT LIMITS.
- CONTRACTOR VEHICLES NOT IN USE AND PRIVATE VEHICLES OWNED BY CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED IN THE CLEAR ROADSIDE AREA, OR ANY OTHER LOCATION CONSIDERED BY THE ENGINEER TO BE A HAZARD. THIS REQUIREMENT IS NOT LIMITED TO THE CONTRACT LIMITS.
- OFF-ROAD EQUIPMENT WILL NOT BE ALLOWED ON EXISTING OR PROPOSED PAVEMENT. THIS REQUIREMENT SHALL NOT BE LIMITED TO THE CONTRACT LIMITS.

V. DRAINAGE

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE DURING ALL CONSTRUCTION OPERATIONS IN THE PROJECT AREA. PAYMENT FOR ALL MATERIALS AND LABOR NEEDED TO MAINTAIN POSITIVE DRAINAGE SHALL BE PAID UNDER THE APPROPRIATE BID ITEMS IN THE CONTRACT.



TRAIL CLOSURE DETAIL (A.O.B.E.)
(NOT TO SCALE)

- NOTES:
- BICYCLIST AND PEDESTRIANS MAY ATTEMPT TO ACCESS TRAIL AFTER STONE OR BINDER COURSE IS IN PLACE. FOR THEIR SAFETY, "TRAIL CLOSED" SIGN AND BARRICADES ARE TO BE PLACED AT EACH END OF THE PROPOSED TRAIL DURING CONSTRUCTION TO ALERT POTENTIAL USERS THAT THE TRAIL IS NOT OPEN.
 - THE COST OF THE "TRAIL CLOSED" SIGN SHALL BE INCLUDED IN THE BID PRICE FOR 619.01.

AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:

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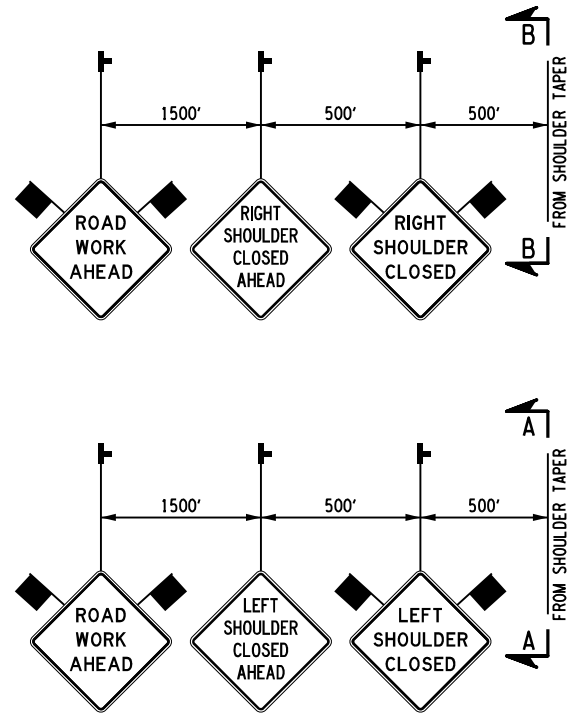
REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
	LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
	TITLE OF DRAWING WORK ZONE TRAFFIC CONTROL NOTES AND DETAILS	DRAWING NUMBER: WZTC-1



THIS SAMPLE WORK ZONE TRAFFIC CONTROL PLAN IS PROVIDED FOR INFORMATION ONLY.

THE CONTRACTOR MUST OBTAIN THE REQUIRED PERMITS AND APPROVALS FROM NYSDOT IF ACCESS IS DESIRED FROM A STATE HIGHWAY.



LEGEND

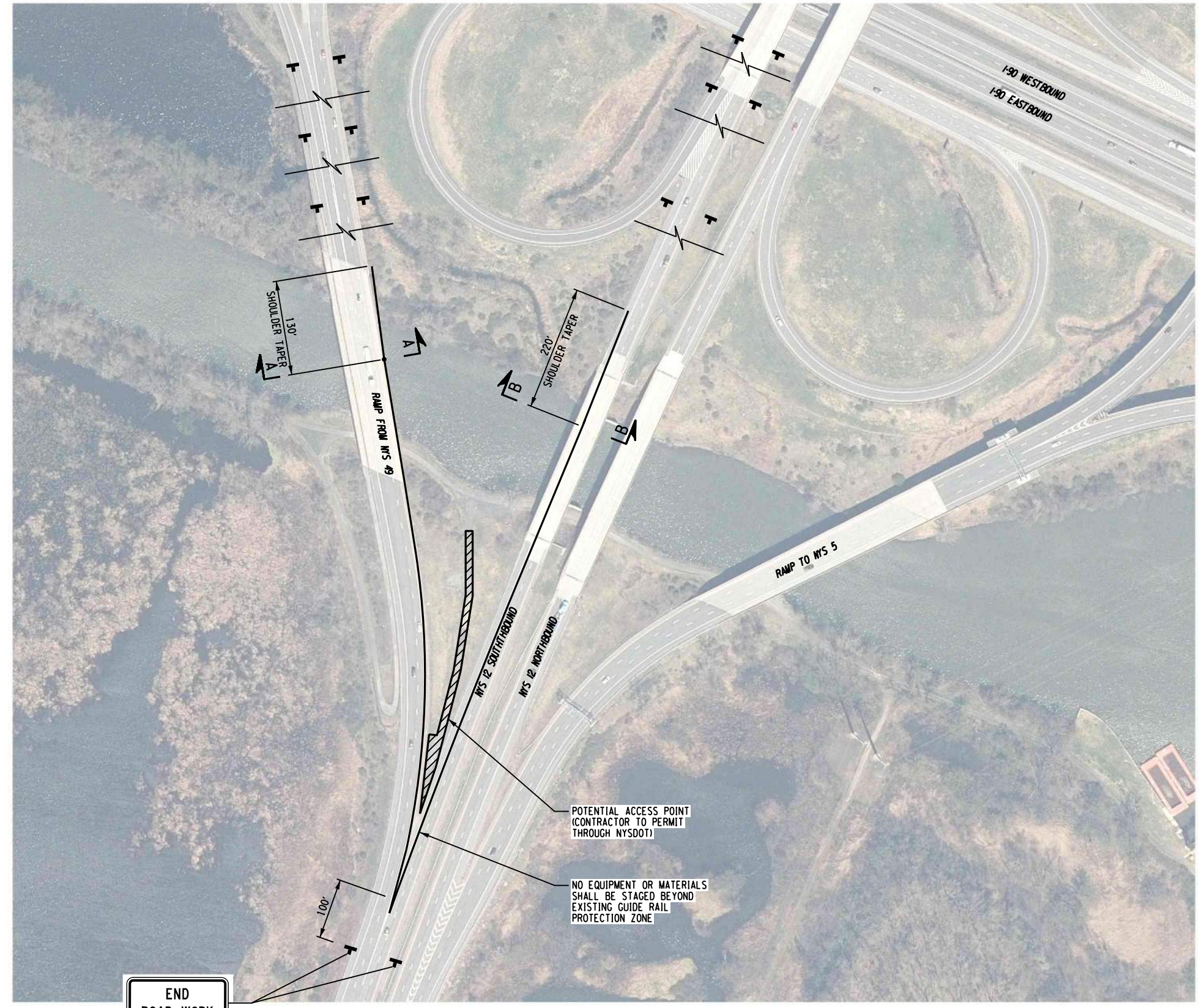
- TEMPORARY SIGN
- CHANNELIZING DEVICE (20' SPACING)
- PERMISSIBLE DIRECTION OF TRAVEL
- CONSTRUCTION ACCESS LOCATION

NOTE:
CONTRACTOR SHALL INCLUDE ALL NECESSARY TRAFFIC CONTROL DEVICES IN THE BID PRICE FOR ITEM 619.01. THERE IS NO ADDITIONAL PAYMENT SHOULD NYSDOT REQUIRE OTHER TRAFFIC CONTROL DEVICES UNDER A HIGHWAY WORK PERMIT. THE BELOW SIGN LAYOUTS ARE A SAMPLE OF POSSIBLE MINIMUM REQUIREMENTS.

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]



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 **Canal Corporation**

CMAA

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING WORK ZONE TRAFFIC CONTROL SHOULDER CLOSURE PLAN	DRAWING NUMBER: WZTC-2

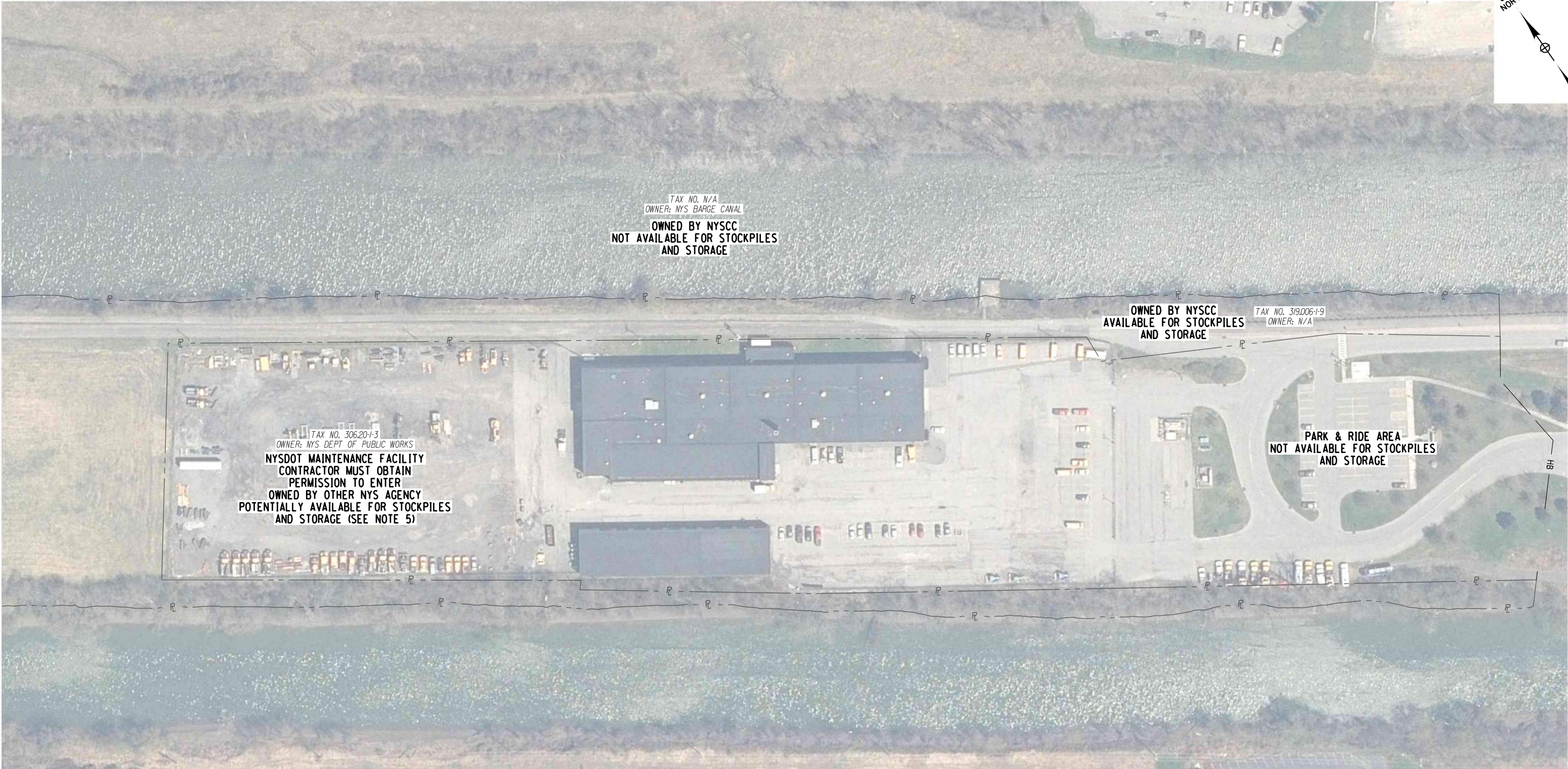
CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



- NOTES:**
1. 2017 NYS GIS ORTHOIMAGERY DISPLAYED FOR REFERENCE.
 2. ARCGIS LIDAR APPROXIMATE HIGHWAY AND PROPERTY BOUNDARIES DISPLAYED FOR REFERENCE.
 3. PROPERTY OWNER INFORMATION IS BASED ON ONEIDA COUNTY TAX INFORMATION.
 4. CONTRACTOR MUST OBTAIN APPROVAL FROM CANAL CORP. FOR STAGING, PHASING, AND STORAGE (SEE DWG. GN-1).
 5. THE ADJACENT NYSDOT MAINTENANCE FACILITY MAY BE AVAILABLE FOR STAGING AND ACCESS. CONTRACTOR SHALL COORDINATE WITH THE NYSDOT REGIONAL EQUIPMENT MANAGER TO OBTAIN THE REQUIRED PERMISSIONS.

AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

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TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
ACCESS PLAN AT TRAIL "A"

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
WZTC-3

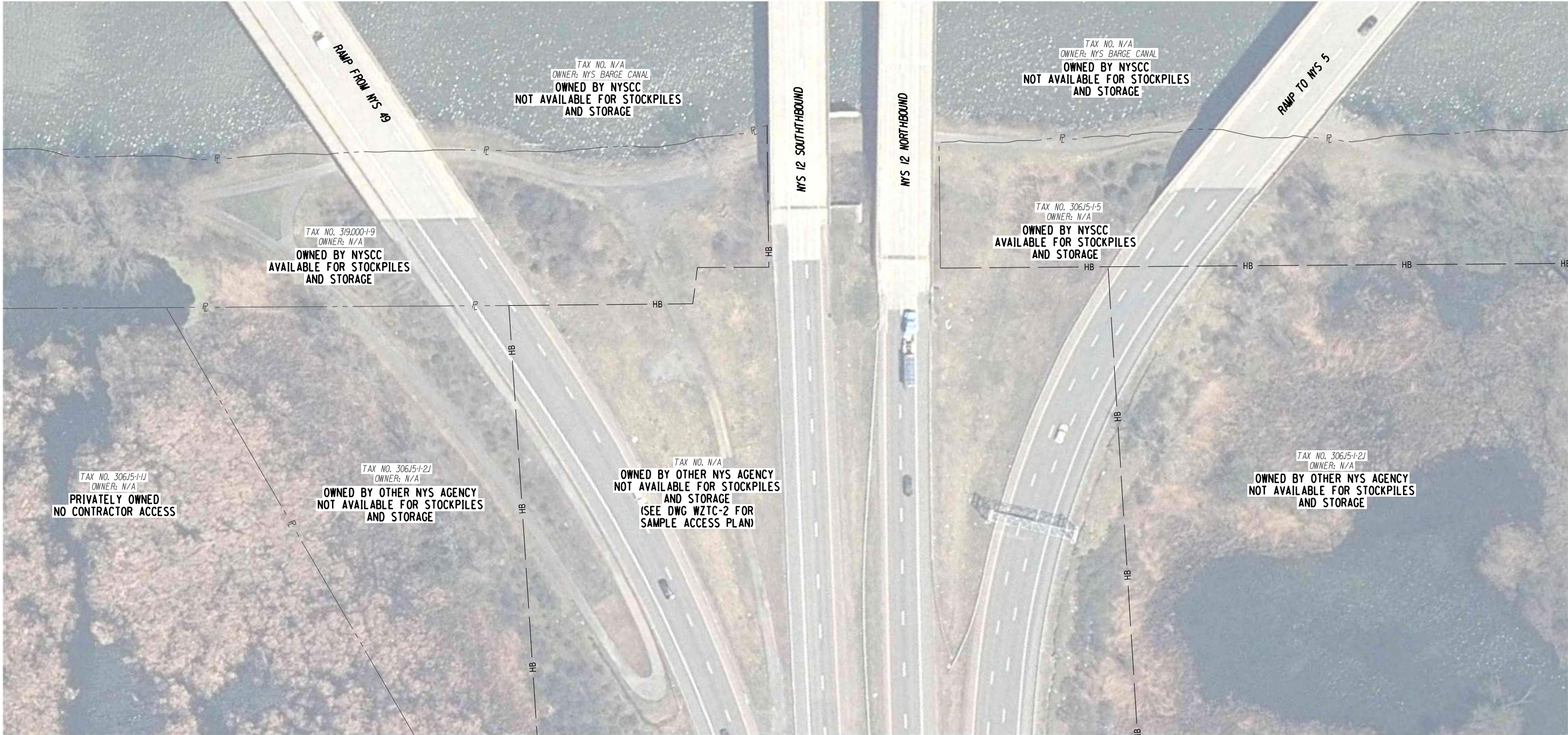
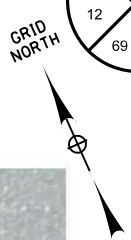
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DRAFTED BY: JLC

CHECKED BY: JLC

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



ACCESS PLAN AT EAST SIDE OF TRAIL "B"



- NOTES:**
- 2017 NYS GIS ORTHOIMAGERY DISPLAYED FOR REFERENCE.
 - ARCGIS LIDAR APPROXIMATE HIGHWAY AND PROPERTY BOUNDARIES DISPLAYED FOR REFERENCE.
 - PROPERTY OWNER INFORMATION IS BASED ON ONEIDA COUNTY TAX INFORMATION.
 - CONTRACTOR MUST OBTAIN APPROVAL FROM CANAL CORP. FOR STAGING, PHASING, AND STORAGE (SEE DWG. GN-1).

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal, State of New York, License No. 072357]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING ACCESS PLAN AT TRAIL "B"	DRAWING NUMBER: WZTC-4

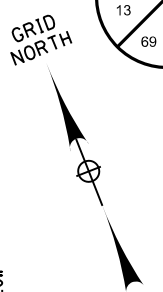
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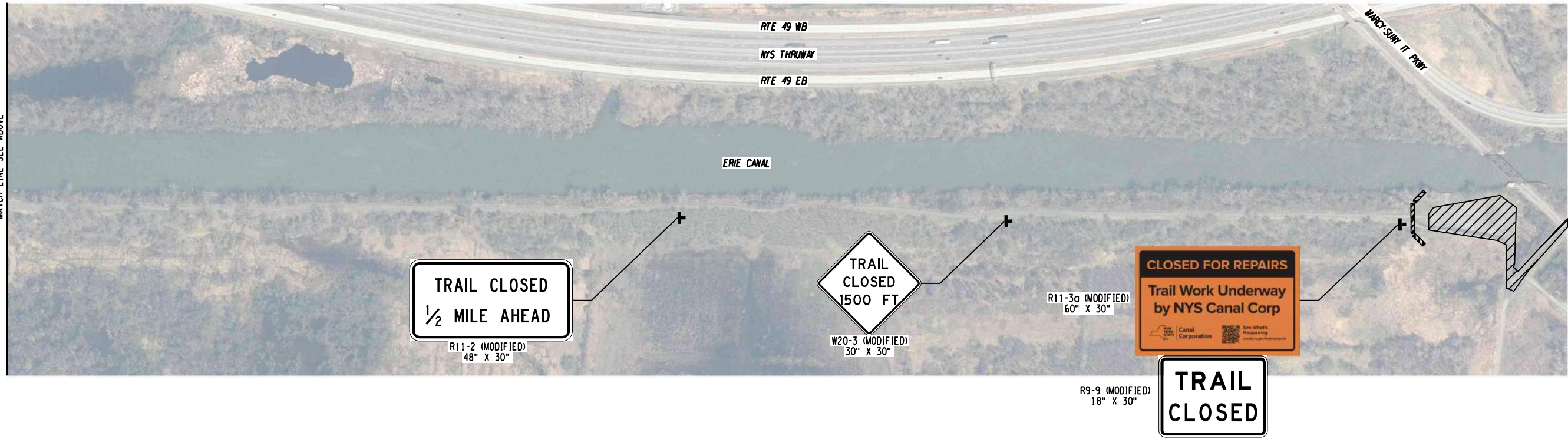
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DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



MATCH LINE SEE BELOW



AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

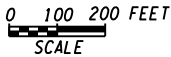
STAMP: [Professional Engineer Seal for Luke A. MacKinnon, State of New York, License No. 072257]

WORK ZONE TRAFFIC CONTROL NOTES:

- CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAIL CLOSURE SIGNAGE AND TYPE III BARRICADES (4 MIN. TO BLOCK ENTRANCE AREA) AT TRAIL INTERSECTIONS AND AOE. TRAIL CLOSURE SIGNAGE SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL APPROVED FOR REMOVAL BY NYSCC. NYSCC SHALL PROVIDE SIGN FACE LAYOUTS.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN ADVANCED WARNING SIGNAGE INFORMING TRAIL USERS OF THE TRAIL CLOSURE FOR THE DURATION OF THE WORK. ADVANCED WARNING SIGNAGE SHALL BE PLACED AT THE TRAIL HEAD PARKING AREAS OR AOE. CONTRACTOR SHALL SUBMIT PROPOSED SIGNAGE TO NYSCC FOR APPROVAL.

LEGEND

- TEMPORARY SIGN - ITEM 619.01
- TYPE III BARRICADES - ITEM 619.04
- WORK ZONE



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
TRAIL CLOSED AHEAD
SIGNAGE PLAN

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
WZTC-5

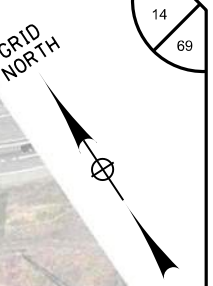
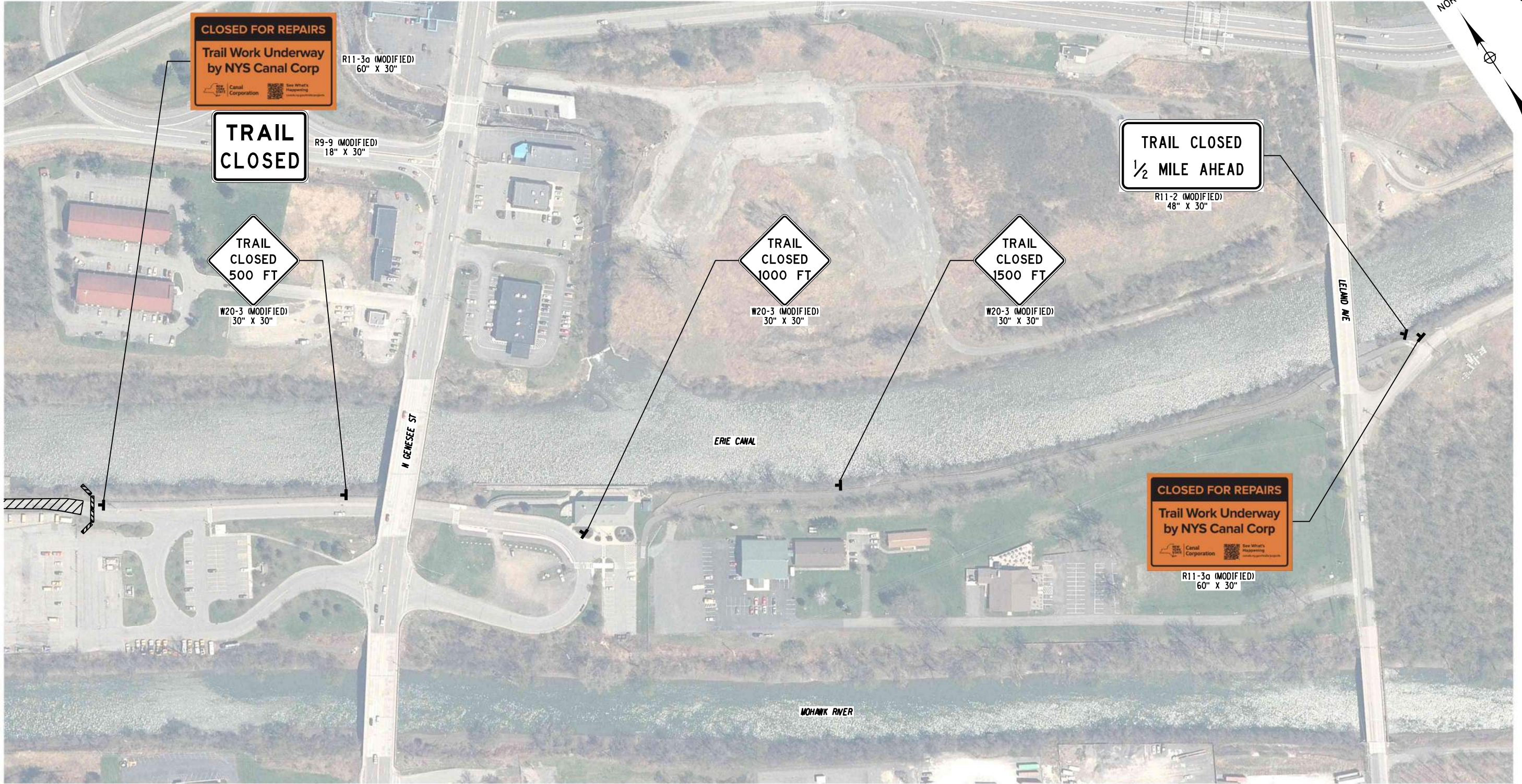
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DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



AFFIXED ON: 9/4/2025

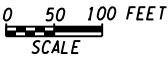
SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal for Luke A. MacLennan, State of New York, No. 072257]

- WORK ZONE TRAFFIC CONTROL NOTES:**
- CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAIL CLOSURE SIGNAGE AND TYPE III BARRICADES (4 MIN. TO BLOCK ENTRANCE AREA) AT TRAIL INTERSECTIONS AND AOB. TRAIL CLOSURE SIGNAGE SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL APPROVED FOR REMOVAL BY NYSCC. NYSCC SHALL PROVIDE SIGN FACE LAYOUTS.
 - CONTRACTOR SHALL PROVIDE AND MAINTAIN ADVANCED WARNING SIGNAGE INFORMING TRAIL USERS OF THE TRAIL CLOSURE FOR THE DURATION OF THE WORK. ADVANCED WARNING SIGNAGE SHALL BE PLACED AT THE TRAIL HEAD PARKING AREAS OR AOB. CONTRACTOR SHALL SUBMIT PROPOSED SIGNAGE TO NYSCC FOR APPROVAL.

LEGEND

- TEMPORARY SIGN - ITEM 619.01
- TYPE III BARRICADES - ITEM 619.04
- WORK ZONE



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING TRAIL CLOSED AHEAD SIGNAGE PLAN	DRAWING NUMBER: WZTC-6

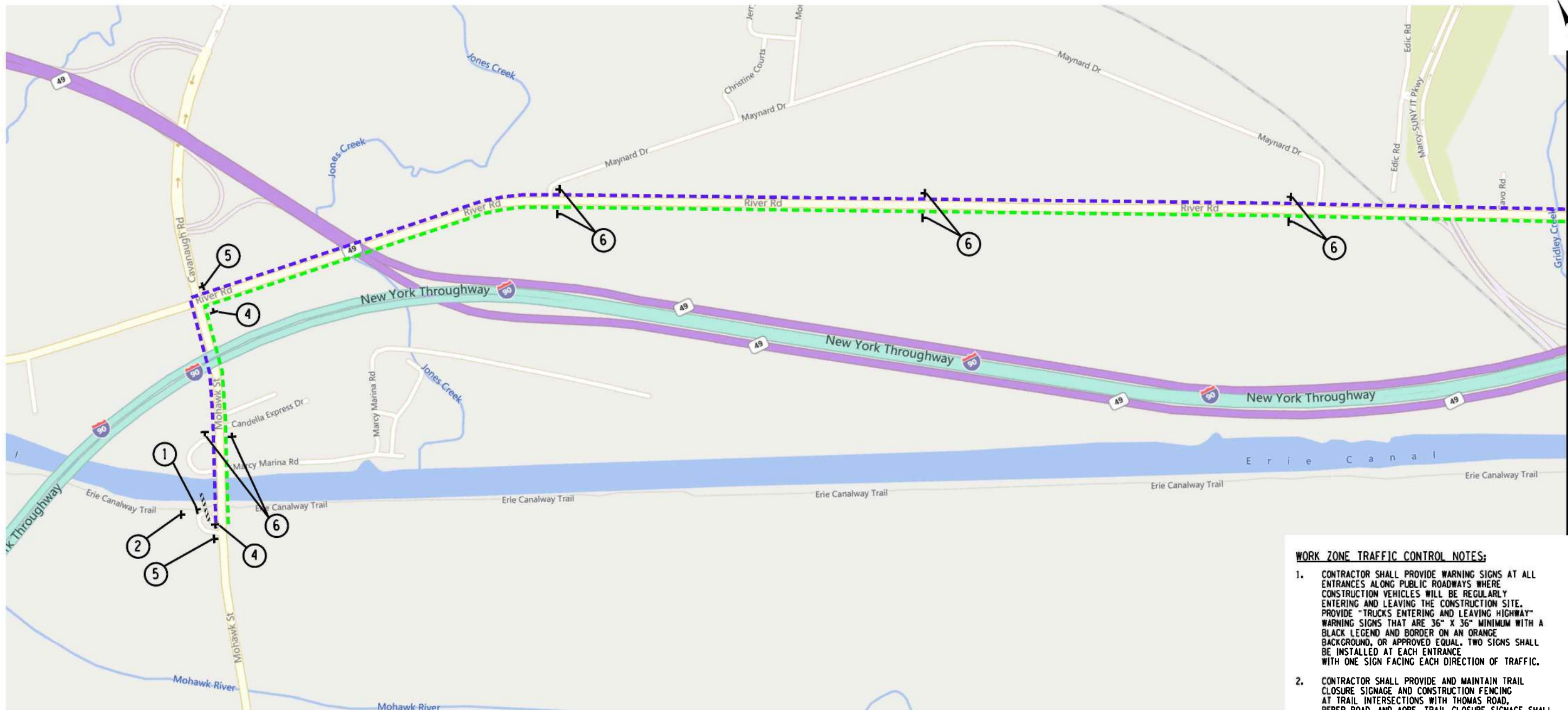
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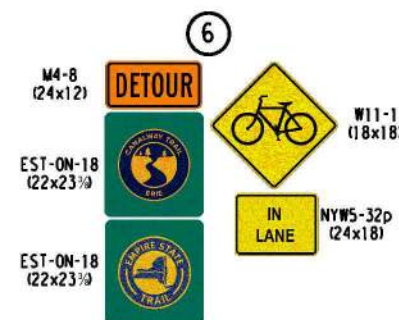
DESIGNED BY:

DESIGN SUPERVISOR:



LEGEND:

- PROPOSED EASTBOUND DETOUR
- PROPOSED WESTBOUND DETOUR
- CONSTRUCTION SIGN
- TYPE III BARRIER



WORK ZONE TRAFFIC CONTROL NOTES:

- CONTRACTOR SHALL PROVIDE WARNING SIGNS AT ALL ENTRANCES ALONG PUBLIC ROADWAYS WHERE CONSTRUCTION VEHICLES WILL BE REGULARLY ENTERING AND LEAVING THE CONSTRUCTION SITE. PROVIDE "TRUCKS ENTERING AND LEAVING HIGHWAY" WARNING SIGNS THAT ARE 36" X 36" MINIMUM WITH A BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND, OR APPROVED EQUAL. TWO SIGNS SHALL BE INSTALLED AT EACH ENTRANCE WITH ONE SIGN FACING EACH DIRECTION OF TRAFFIC.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAIL CLOSURE SIGNAGE AND CONSTRUCTION FENCING AT TRAIL INTERSECTIONS WITH THOMAS ROAD, REBER ROAD, AND AOE. TRAIL CLOSURE SIGNAGE SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL APPROVED FOR REMOVAL BY NYSCT. NYSCT SHALL PROVIDE SIGN FACE LAYOUTS.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN ADVANCED WARNING SIGNAGE INFORMING TRAIL USERS OF THE TRAIL CLOSURE FOR THE DURATION OF THE WORK. ADVANCED WARNING SIGNAGE SHALL BE PLACED AT THE TRAIL HEAD PARKING AREAS NEAR STANWIX AVE AND RIVER STREET, OR AOE. CONTRACTOR SHALL SUBMIT PROPOSED SIGNAGE TO NYSCT FOR APPROVAL.
- CONTRACTOR SHALL INCLUDE ALL NECESSARY TRAFFIC CONTROL DEVICES IN THE BID PRICE FOR ITEM 619.01. THERE IS NO ADDITIONAL PAYMENT SHOULD NYSDOT REQUIRE OTHER TRAFFIC CONTROL DEVICES UNDER A HIGHWAY WORK PERMIT. THE BELOW SIGN LAYOUTS ARE A SAMPLE OF POSSIBLE MINIMUM REQUIREMENTS.

0 375 FEET
SCALE

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING WORK ZONE TRAFFIC CONTROL DETOUR PLAN	DRAWING NUMBER: WZTC-7

CHECKED BY:

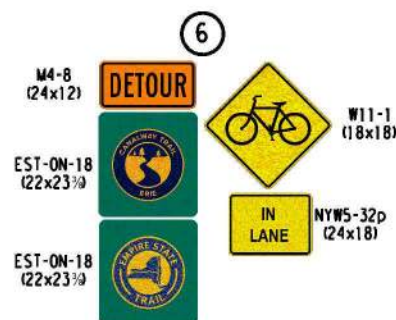
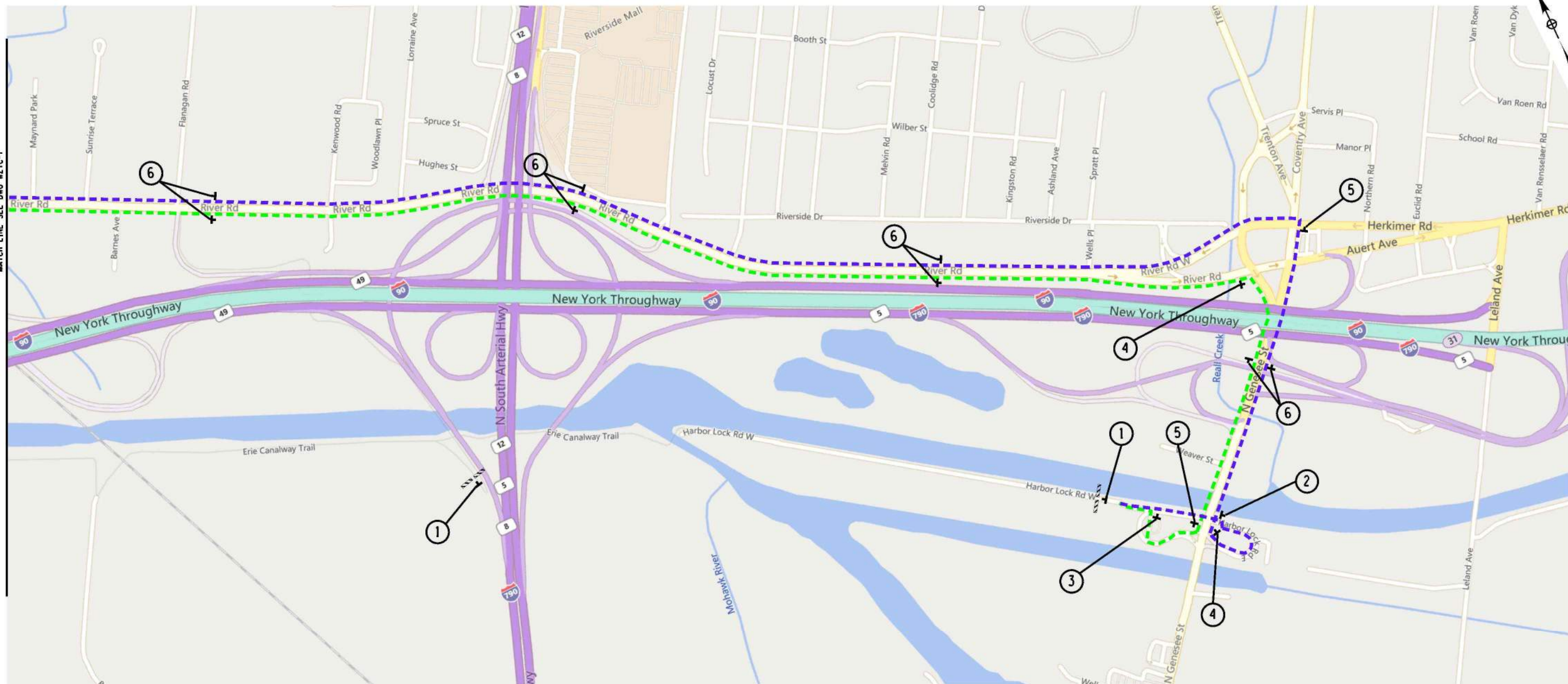
DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

MATCH LINE SEE DWG WZTC-7



LEGEND:

- PROPOSED EASTBOUND DETOUR
- PROPOSED WESTBOUND DETOUR
- CONSTRUCTION SIGN
- TYPE III BARRIER

0 375 FEET
SCALE



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
WORK ZONE
TRAFFIC CONTROL
DETOUR PLAN

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
WZTC-8

CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

H.C.L. POINT	H.C.L. STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT
TRAIL "A"						
POB	A 10+00.00	1139006.361	1182043.484			
PI	A 11+10.95	1138985.798	1182152.509			
PI	A 11+43.05	1138974.201	1182182.445			
PI	A 12+77.58	1138907.642	1182299.352			
PI	A 13+30.96	1138879.723	1182344.848			
PI	A 14+15.64	1138833.845	1182416.024			
PI	A 15+33.56	1138767.353	1182513.409			
PI	A 21+15.81	1138434.821	1182991.362			
PI	A 28+96.45	1137991.791	1183634.111			
PI	A 34+21.85	1137688.580	1184063.187			
PI	A 39+40.66	1137393.211	1184489.714			
PI	A 40+07.38	1137352.228	1184542.365			
POE	A 43+86.72	1137133.188	1184852.071			
TRAIL "B"						
POB	B 10+00.00	1140801.268	1177791.184			
PC	B 10+35.00	1140786.720	1177823.017			
PI	B 10+48.40	1140781.151	1177835.202	50	26.1799	13.3975
PT	B 10+61.18	1140770.236	1177842.970			
PC	B 10+87.85	1140748.503	1177858.437			
PI	B 11+16.86	1140724.873	1177875.255	120	56.9165	29.004
PT	B 11+44.77	1140711.532	1177901.008			
PI	B 11+88.76	1140691.297	1177940.070			
PC	B 13+62.66	1140599.077	1178087.5			
PI	B 14+18.59	1140569.417	1178134.917	60	90.0355	55.929
PT	B 14+52.69	1140520.037	1178108.656			
PC	B 15+70.71	1140415.841	1178053.244			
PI	B 16+03.24	1140387.115	1178037.968	10	25.4521	32.5356
PT	B 15+96.16	1140402.302	1178066.741			
PI	B 17+48.29	1140473.314	1178201.282			
PI	B 18+83.73	1140527.667	1178325.333			
PC	B 19+40.43	1140554.242	1178375.425			
PI	B 19+69.41	1140567.821	1178401.022	65	54.5148	28.9761
PT	B 19+94.95	1140557.86	1178428.232			
PI	B 21+16.09	1140516.214	1178541.995			
PC	B 21+59.49	1140500.001	1178582.255			
PI	B 21+99.41	1140485.091	1178619.277	750	79.7492	39.9122
PT	B 22+39.24	1140466.336	1178654.509			
PC	B 25+80.01	1140306.211	1178955.305			
PI	B 26+57.92	1140269.6	1179024.078	575	154.8797	77.9115
PT	B 27+34.88	1140252.61	1179100.115			
PC	B 28+51.84	1140227.106	1179214.259			
PI	B 29+06.53	1140215.182	1179267.626	450	108.8318	54.6827
PT	B 29+60.68	1140190.824	1179316.584			
PC	B 30+27.79	1140160.929	1179376.669			
PI	B 30+98.62	1140129.377	1179440.087	1500	141.5622	70.8337
PT	B 31+69.35	1140103.941	1179506.196			
PI	B 32+47.15	1140076.001	1179578.812			
PI	B 34+13.91	1140013.05	1179733.228			
PC	B 34+52.83	1139998.356	1179769.273			
PI	B 34+73.13	1139990.693	1179788.07	1000	40.5918	20.2987
PT	B 34+93.43	1139983.8	1179807.162			
PC	B 35+07.06	1139979.17	1179819.984			
PI	B 35+26.31	1139972.632	1179838.089	500	38.4791	19.2491
PT	B 35+45.54	1139964.723	1179855.638			
PI	B 36+53.46	1139920.374	1179954.03			
PI	B 37+59.06	1139878.734	1180051.072			

H.C.L. POINT	H.C.L. STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT
TRAIL "B"						
PI	B 38+56.04	1139841.723	1180140.71			
PI	B 40+05.75	1139778.889	1180276.594			
PI	B 40+58.99	1139757.612	1180325.398			
PI	B 41+67.17	1139717.075	1180425.699			
PI	B 42+05.17	1139706.598	1180462.23			
PI	B 42+58.80	1139695.394	1180514.669			
PC	B 42+96.41	1139689.769	1180551.854			
PI	B 43+21.19	1139686.062	1180576.359	250	49.4058	24.7836
PT	B 43+45.81	1139677.616	1180599.659			
PC	B 43+68.40	1139669.917	1180620.898			
PI	B 43+98.00	1139659.83	1180648.723	150	58.4426	29.5966
PT	B 44+26.84	1139639.931	1180670.631			
PC	B 44+76.18	1139606.758	1180707.154			
PI	B 45+16.87	1139579.404	1180737.269	125	78.6645	40.6839
PT	B 45+54.85	1139575.016	1180777.716			
PC	B 46+19.53	1139568.04	1180842.019			
PI	B 46+83.90	1139561.097	1180906.019	325	127.1064	64.3758
PT	B 47+46.64	1139530.281	1180962.54			
PC	B 48+51.72	1139479.977	1181054.805			
PI	B 48+78.19	1139467.309	1181078.041	200	52.6237	26.4647
PT	B 49+04.35	1139461.12	1181103.772			
PC	B 49+56.59	1139448.903	1181154.566			
PI	B 50+43.07	1139428.678	1181238.65	285	167.9309	86.4822
PT	B 51+24.52	1139365.137	1181297.316			
PC	B 51+27.37	1139363.045	1181299.246			
PI	B 51+65.71	1139334.871	1181325.259	200	75.7739	38.3467
PT	B 52+03.14	1139318.316	1181359.848			
POE	B 59+12.50	1138963.462	1181961.353			

CURVE B-1 PC = B 10+35.00 PT = B 10+61.18 DELTA = 0.5236 R = 50.00 L = 26.18 T = 13.40	CURVE B-2 PC = B 10+87.85 PT = B 11+44.77 DELTA = 0.4743 R = 120.00 L = 56.92 T = 29.00	CURVE B-3 PC = B 13+62.66 PT = B 14+52.69 DELTA = 1.5006 R = 60.00 L = 90.04 T = 55.93	CURVE B-4 PC = B 15+70.71 PT = B 15+96.16 DELTA = 2.5452 R = 10.00 L = 25.45 T = 32.54	CURVE B-5 PC = B 19+40.43 PT = B 19+94.95 DELTA = 0.8387 R = 65.00 L = 54.51 T = 28.98	CURVE B-6 PC = B 21+59.49 PT = B 22+39.24 DELTA = 0.1063 R = 750.00 L = 79.75 T = 39.91	CURVE B-7 PC = B 25+80.01 PT = B 27+34.88 DELTA = 0.2694 R = 575.00 L = 154.88 T = 77.91	CURVE B-8 PC = B 28+51.84 PT = B 29+60.68 DELTA = 0.2418 R = 450.00 L = 108.83 T = 54.68	CURVE B-9 PC = B 30+27.79 PT = B 31+69.35 DELTA = 0.0944 R = 1500.00 L = 141.56 T = 70.83
CURVE B-10 PC = B 34+52.83 PT = B 34+93.43 DELTA = 0.0406 R = 1000.00 L = 40.59 T = 20.30	CURVE B-11 PC = B 35+07.06 PT = B 35+45.54 DELTA = 0.077 R = 500.00 L = 38.48 T = 19.25	CURVE B-12 PC = B 42+96.41 PT = B 43+45.81 DELTA = 0.1976 R = 250.00 L = 58.44 T = 24.78	CURVE B-13 PC = B 43+68.40 PT = B 44+26.84 DELTA = 0.3896 R = 150.00 L = 58.44 T = 29.60	CURVE B-14 PC = B 44+76.18 PT = B 45+54.85 DELTA = 0.6293 R = 125.00 L = 78.66 T = 40.68	CURVE B-15 PC = B 46+19.53 PT = B 47+46.64 DELTA = 0.3911 R = 325.00 L = 127.11 T = 64.38	CURVE B-16 PC = B 48+51.72 PT = B 49+04.35 DELTA = 0.2631 R = 200.00 L = 52.62 T = 26.46	CURVE B-17 PC = B 49+56.59 PT = B 51+24.52 DELTA = 0.5892 R = 285.00 L = 167.93 T = 86.48	CURVE B-18 PC = B 51+27.37 PT = B 52+03.14 DELTA = 0.3789 R = 200.00 L = 75.77 T = 38.35

AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
HORIZONTAL CONTROL

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
SUR-1

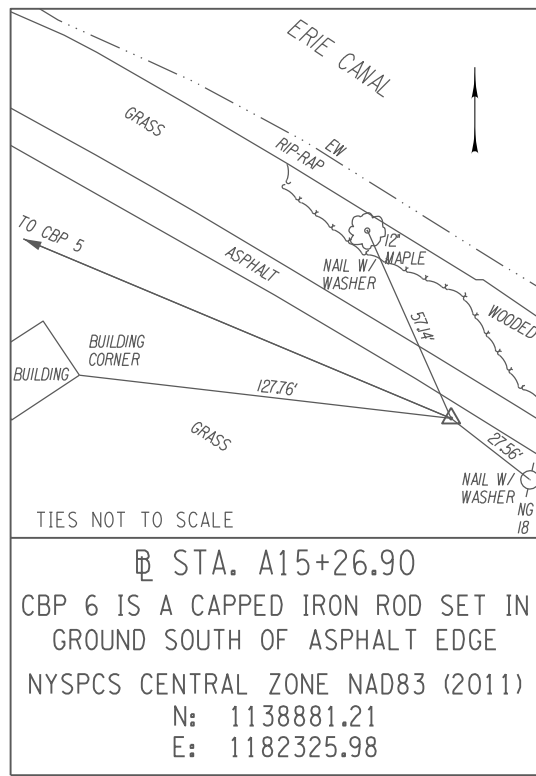
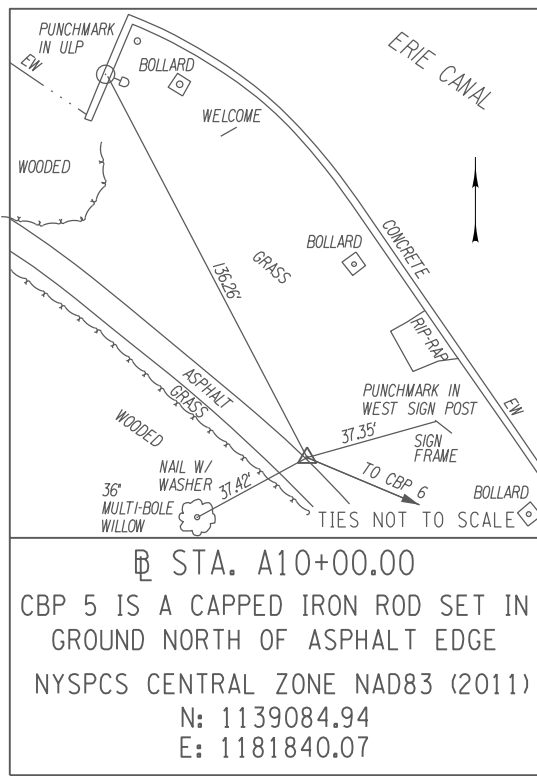
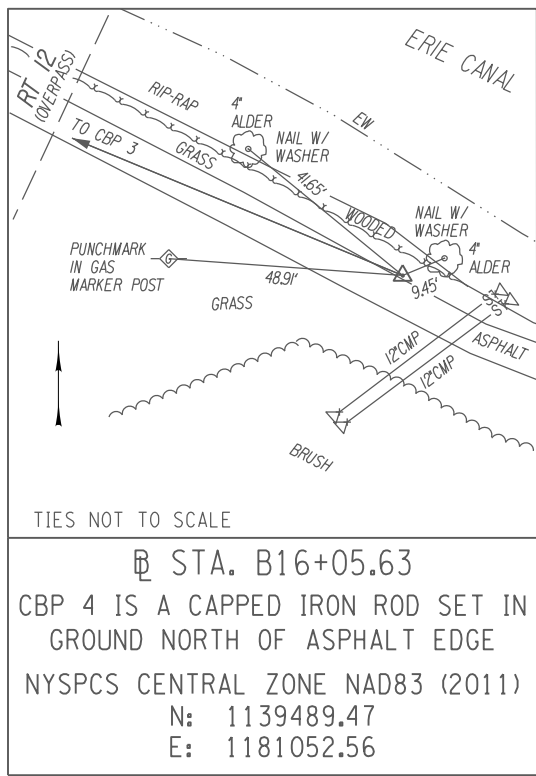
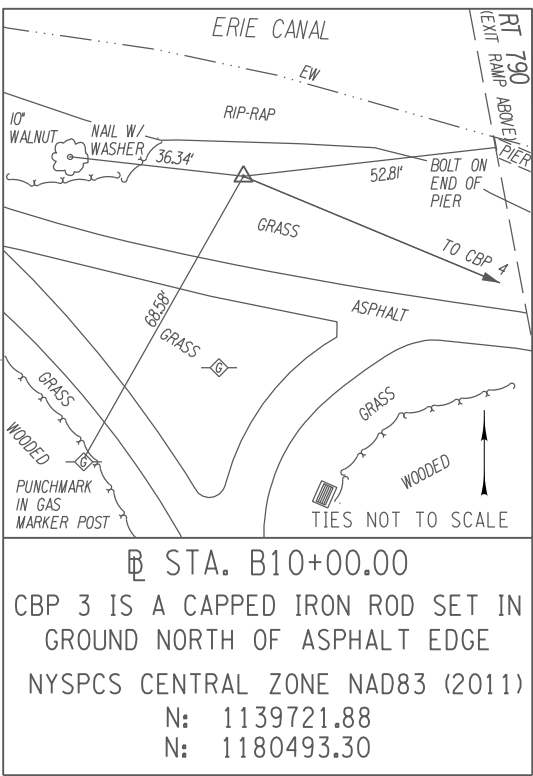
CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



BENCHMARK TABLE				
BENCHMARK NO.	ELEVATION	NORTHING	EASTING	DESCRIPTION
3	407.79	1139583	1180814	NAIL W/WASHERS IN 24" POPLAR
5	411.04	1139005	1182036	DISC NYSCC 9026, 2016 NAV D 88

SURVEY COMPLETION DATE: APRIL 2022

HORIZONTAL DATUM IS NAD83 (2011).
COORDINATES ARE NEW YORK STATE PLANE COORDINATE SYSTEM - CENTRAL ZONE.
THE COMBINED SCALE FACTOR IS 1.00006517
VERTICAL DATUM IS NAVD88.

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]
STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE Canal Corporation

TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
BASELINE TIES AND BENCHMARK TABLE

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
SUR-2

CHECKED BY: LMM

DRAFTED BY: JLC

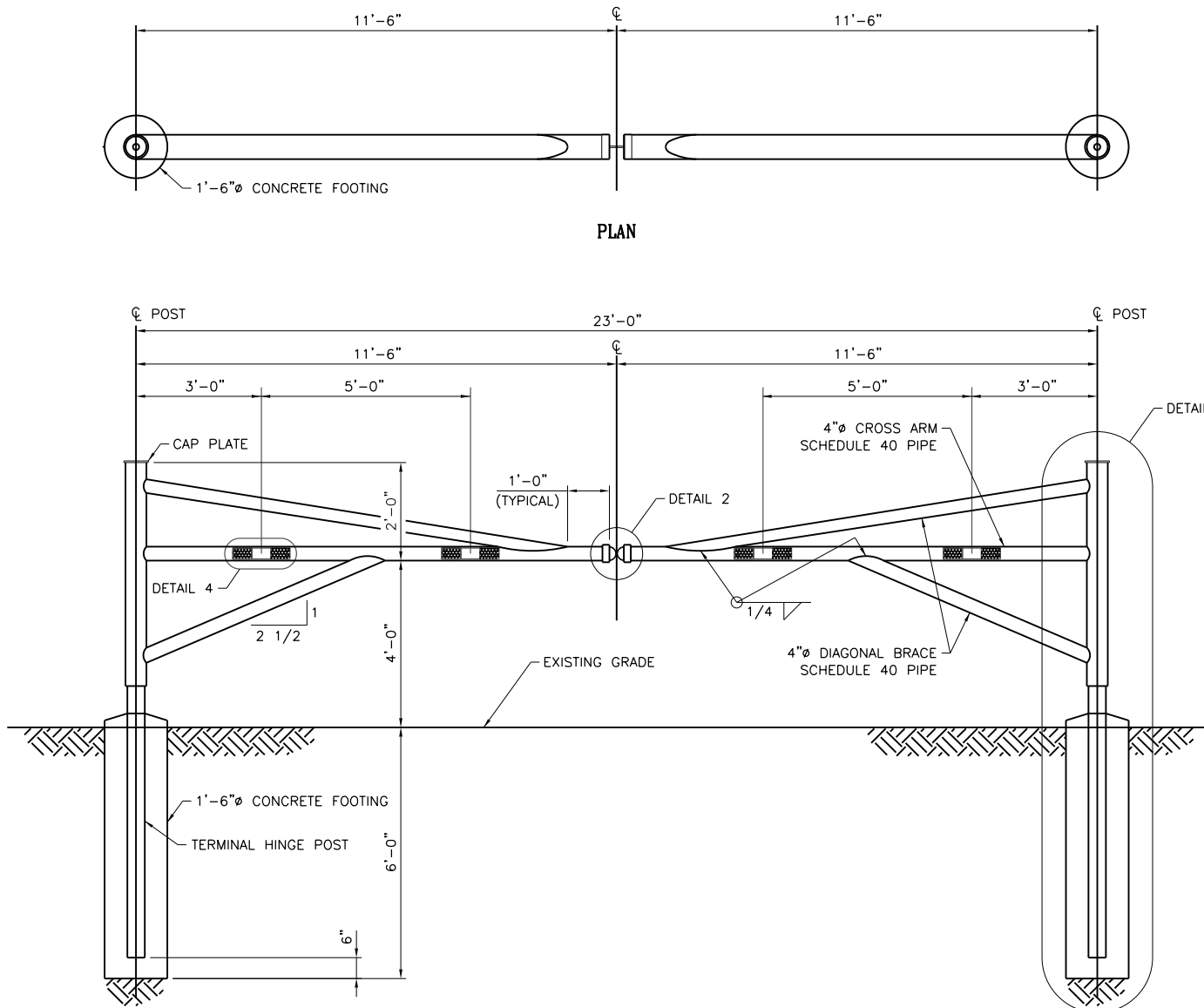
CHECKED BY: JLC

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

19

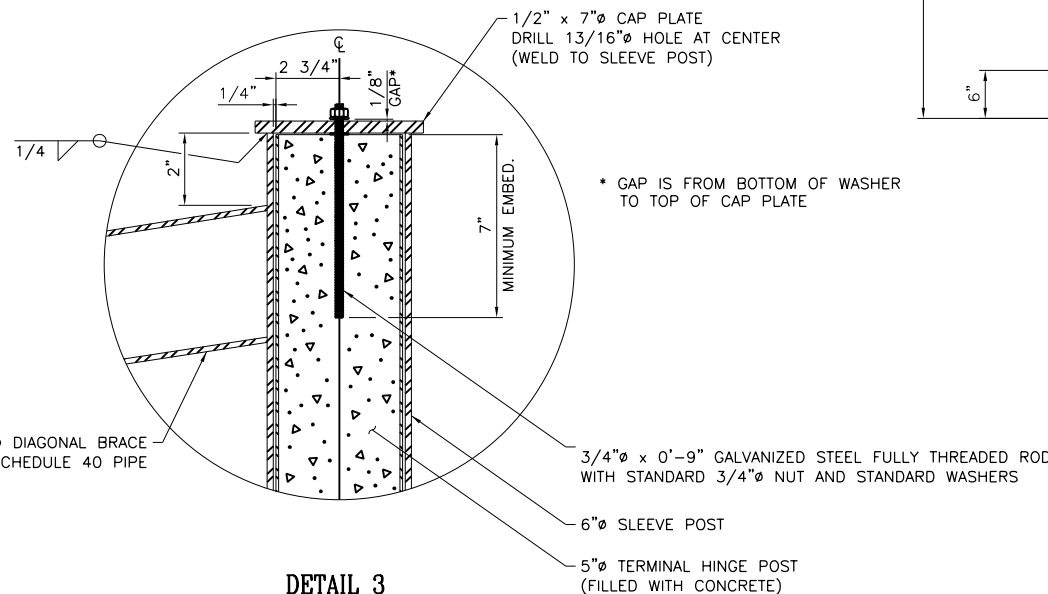
69



VEHICULAR BARRIER GATE
ITEM 607.8258--12 (CANAL)
SCALE: 1/4" = 1'-0"

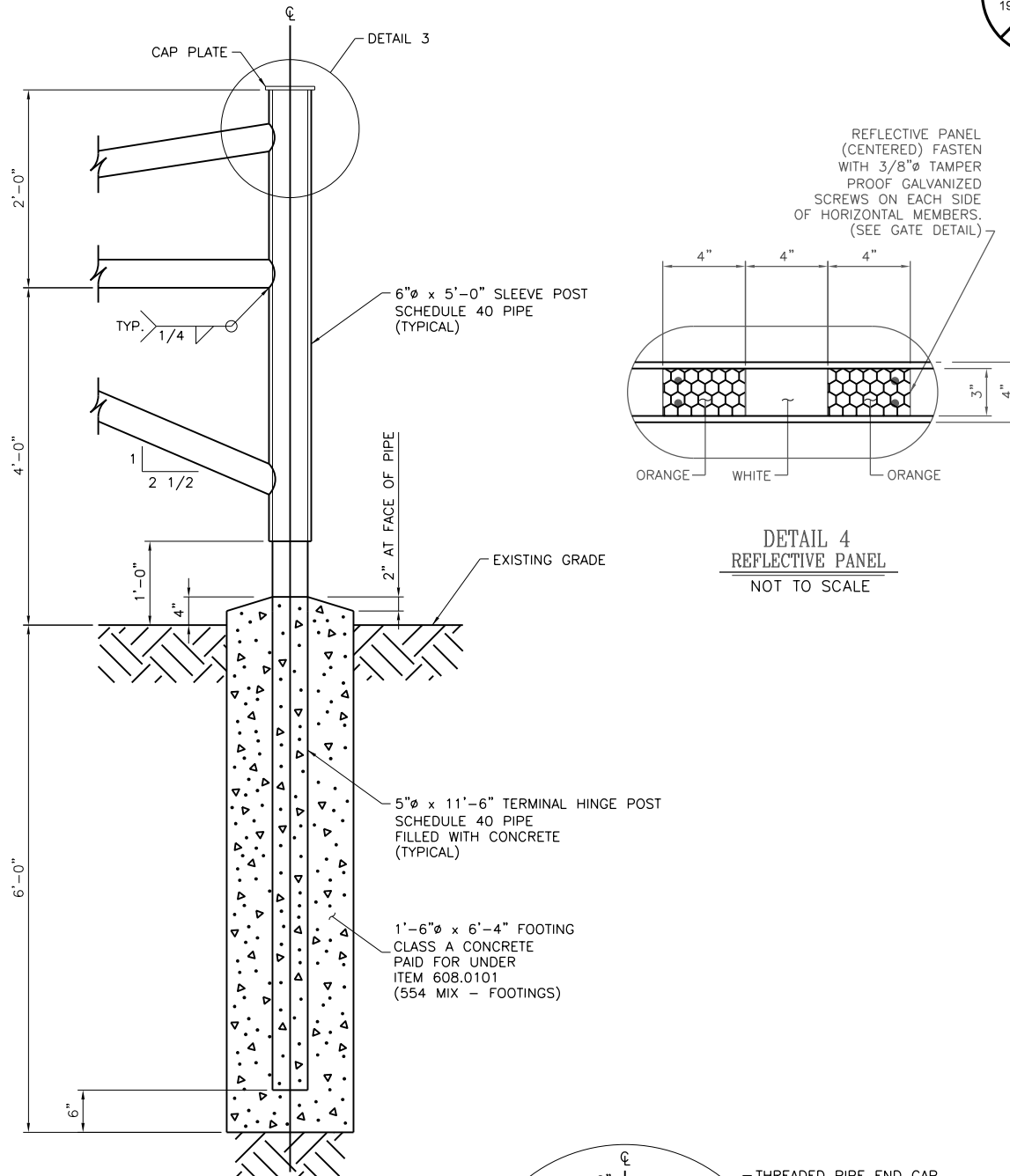
NOTES:

- ALL COSTS FOR GATE INSTALLATION ARE PAID FOR UNDER ITEM 607.8258--12, INCLUDING EXCAVATION, CONCRETE, PAINT, REFLECTIVE PANELS, ETC.
- COLOR OF STEEL WILL BE DETERMINED BY THE ENGINEER AND THE CONTRACTOR WILL PROVIDE SHOP DRAWINGS FOR APPROVAL.

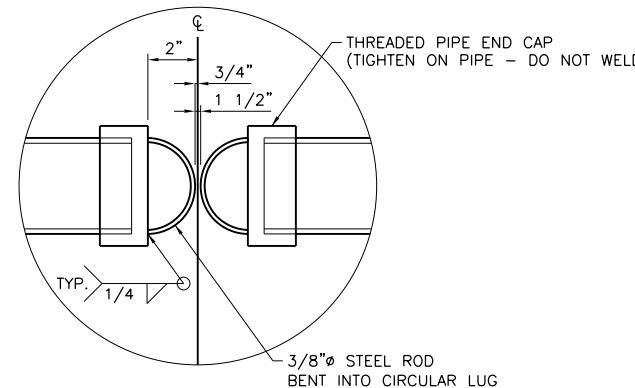


DETAIL 3
NOT TO SCALE

* GAP IS FROM BOTTOM OF WASHER TO TOP OF CAP PLATE

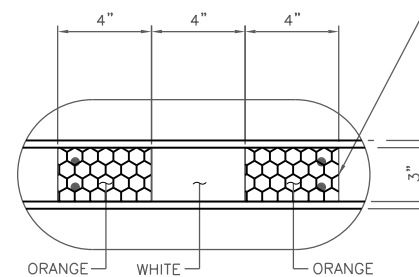


DETAIL 1
SCALE: 1/2" = 1'-0"



DETAIL 2
NOT TO SCALE

REFLECTIVE PANEL
(CENTERED) FASTEN
WITH 3/8" TAMPER
PROOF GALVANIZED
SCREWS ON EACH SIDE
OF HORIZONTAL MEMBERS.
(SEE GATE DETAIL)



DETAIL 4
REFLECTIVE PANEL
NOT TO SCALE

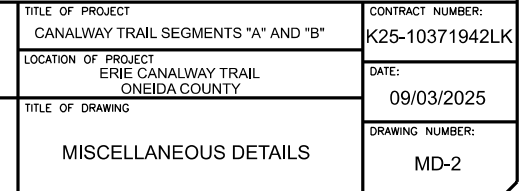


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING MISCELLANEOUS DETAILS	DRAWING NUMBER: MD-1



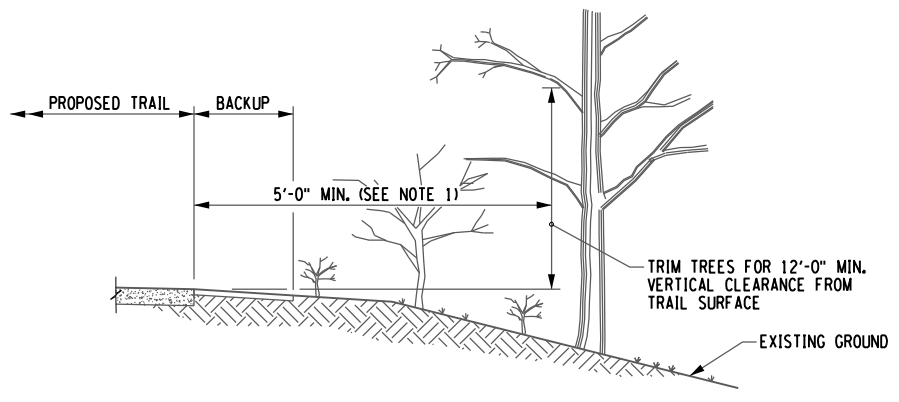
CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

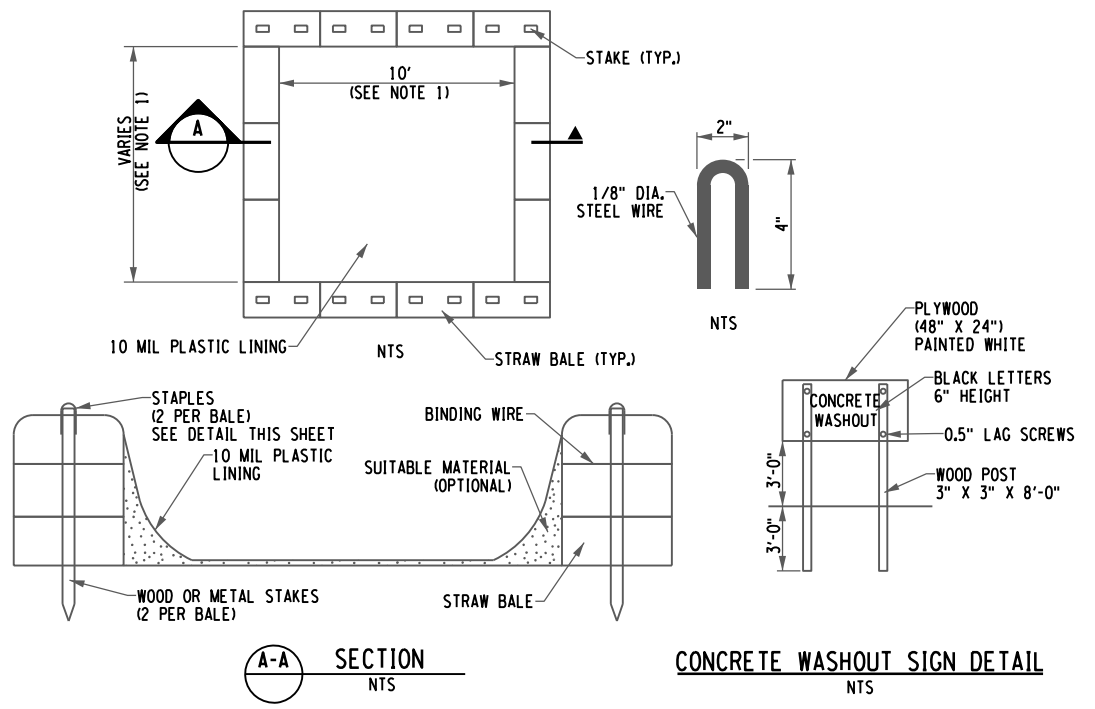
DESIGN SUPERVISOR: LMM



TYPICAL DETAIL - CLEARING AND GRUBBING
NTS
PAID FOR UNDER ITEM 201.06

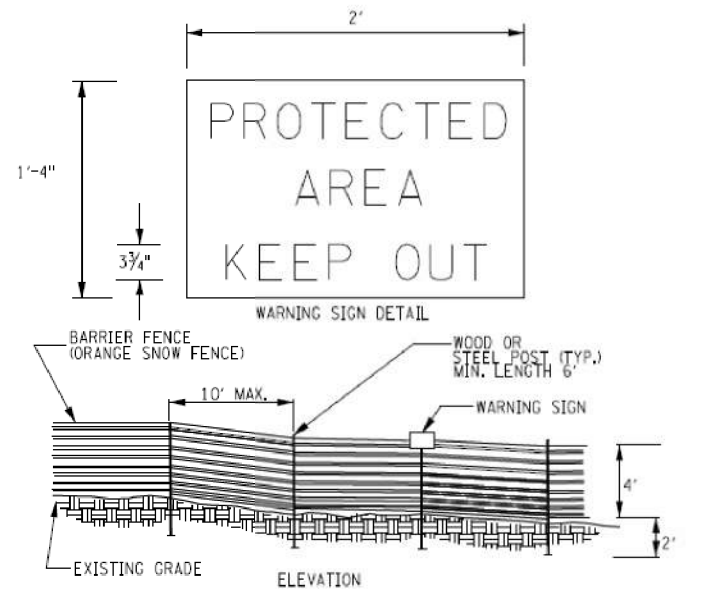
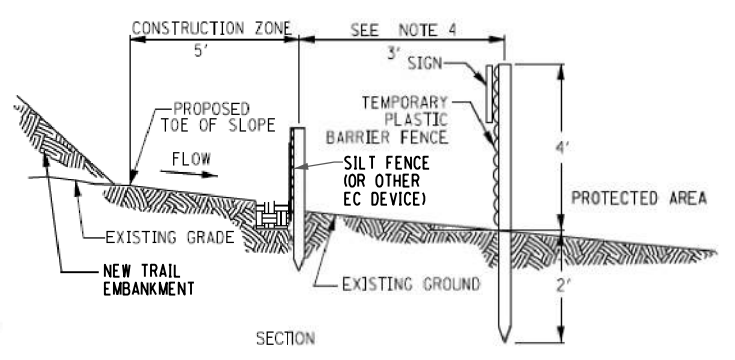
CLEARING AND GRUBBING NOTES:

1. THE CONTRACTOR SHALL CLEAR AND GRUB ALL VEGETATION WITH A 5'-0" HORIZONTAL DISTANCE FROM THE EDGE OF TRAIL, OR AS INSTRUCTED BY THE ENGINEER. IN ADDITION, THE CONTRACTOR SHALL PRUNE OR REMOVE ALL VEGETATION WITHIN A 12' VERTICAL DISTANCE FROM THE TRAIL SURFACE, OR AS INSTRUCTED BY THE ENGINEER.
2. TREES TO BE REMOVED HAVE BEEN MARKED WITH PINK PAINT, AS LISTED ON DWG MT-1.
3. ALL BRANCHES TRIMMED WITHIN THE HORIZONTAL AND VERTICAL OFFSET DISTANCE SHALL BE PRUNED AS CLOSE TO THE TRUNK'S GROWTH COLLAR AS POSSIBLE.
4. CONTRACTOR IS RESPONSIBLE FOR LIMITING DISTURBED AREAS DURING ALL CLEARING AND GRUBBING/TRIM CANOPY (TREE PRUNING) OPERATIONS. THESE PROPOSED AREAS ARE NOT EVALUATED AS DISTURBED AREAS FOR A NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL (SPDES) GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES. ALL DISTURBED AREAS RESULTING FROM CLEARING AND GRUBBING CONSTRUCTION ACTIVITIES SHALL BE RESTORED AS DIRECTED BY THE ENGINEER. COST FOR THIS WORK IS TO BE INCLUDED IN THE CLEARING AND GRUBBING ITEM.
5. TREE REMOVAL SHALL BE COMPLETED BY EITHER CLEARING AND GRUBBING OR CLEARING, FLUSH CUTTING METHODS, AS DIRECTED BY ENGINEER OR DESCRIBED ELSEWHERE ON THE PLANS. WHOLESALE CLEARING AND GRUBBING OF TREES SHALL NOT BE ALLOWED IN STATE PROTECTED WETLANDS, AND SHOULD BE AVOIDED AND MINIMIZED IN FEDERALLY PROTECTED WETLANDS WHENEVER POSSIBLE. THE CONTRACTOR SHALL TAKE CARE NOT TO FURTHER IMPACT STATE AND FEDERAL WETLANDS BEYOND WHAT IS REASONABLY NECESSARY TO CONDUCT CLEARING AND GRUBBING AND SELECTIVE TREE REMOVAL ACTIVITIES. ALL WETLAND AREAS SHOWN ON PLANS ADJACENT TO AND OUTSIDE OF CLEARING AND GRUBBING ZONES AND SELECTIVE TREE LOCATIONS SHALL BE LEFT UNDISTURBED TO PREVENT FURTHER IMPACTS, UNLESS OTHERWISE ALLOWED BY A PROJECT SPECIFIC ARMY CORP OF ENGINEERS OR NYSDEC WETLAND PERMIT. ACTIVITIES NOT TO ENCR OACH ON ADJACENT WETLANDS INCLUDE, BUT NOT LIMITED TO, MOVEMENT OF VEHICLES, CONSTRUCTION STAGING, DISPOSAL OF WOOD CHIPPINGS, PLACEMENT OF EROSION CONTROL FEATURES, AND SPREADING OF SPOILED SOIL. VEGETATION PROTECTION BARRIER FENCING, MAY BE NECESSARY IF THE ADJACENT AREAS ARE DEEMED ENVIRONMENTALLY SENSITIVE, A.O.B.E.
6. ALL PROVISIONS OF SECTION 201 - CLEARING AND GRUBBING, NOT MODIFIED BY THIS DRAWING, SHALL APPLY.
7. INDIVIDUAL TREE REMOVAL LISTED IN THE CONTRACT DOCUMENTS WILL BE PAID AS INDICATED ON DWG MT-1. STUMPS LISTED FOR REMOVAL SHALL BE BACKFILLED TO FINISHED GRADE WITH TOPSOIL UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS (SEE DWG. MT-1 FOR TREE REMOVALS).



CONCRETE WASHOUT NOTES:

1. ACTUAL LAYOUT AND LOCATION TO BE DETERMINED IN FIELD, AS APPROVED BY THE ENGINEER.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 5 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. LOCATE WASHOUT AREA AT LEAST 100 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES. DO NOT ALLOW RUNOFF FROM THIS AREA BY CONSTRUCTING A TEMPORARY PIT OR BERMED AREA LARGE ENOUGH FOR LIQUID OR SOLID WASTE.
4. WASH OUT WASTES INTO THE TEMPORARY PIT WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED PROPERLY.
5. TEMPORARY CONCRETE WASHOUT FACILITY (TYPE ABOVE GRADE) SHALL BE CONSTRUCTED AS SHOWN ON THE DETAILS WITH A RECOMMENDED MINIMUM LENGTH AND MINIMUM WITH 0 10 FEET, BUT WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
6. STRAW BALES, WOOD STAKES, AND SANDBAG MATERIALS SHALL CONFORM TO THE PROVISIONS IN THE EROSION AND SEDIMENT CONTROL SPECIFICATIONS.
7. PLASTIC LINING MATERIAL SHALL BE A MINIMUM OF 10 MIL IN POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
8. WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED FROM THE SITE OF WORK.
9. HOLES, DEPRESSIONS, OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE BACKFILLED AND REPAIRED.
10. TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE MAINTAINED TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM FREEBOARD OF 4 INCHES, MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION. HARDENED CONCRETE MATERIALS SHOULD BE REMOVED AND DISPOSED.
11. WASHOUT FACILITIES SHALL BE CLEANED, OR NEW FACILITIES SHALL BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.
12. THE COST FOR THE CONCRETE WASHOUTS SHALL BE INCLUDED IN THE PRICE BID FOR ALL CONCRETE ITEMS.



TEMPORARY PLASTIC BARRIER FENCE
NTS
ITEM 607.41010010

TEMPORARY PLASTIC BARRIER NOTES:

1. SIGNS SHALL BE PLACED EVERY 50 FEET OR A.O.B.E.
2. FENCE SHALL BE ATTACHED TO POSTS PER MANUFACTURERS RECOMMENDATIONS.
3. TREE / VEGETATION PROTECTION BARRIER SHALL BE INSTALLED A.O.B.E. PRIOR TO BEGINNING ANY WORK IN THESE AREAS.
4. IN AREAS ADJACENT TO OR WITHIN A WETLAND, THE ENGINEER IN CHARGE MAY REQUIRE THE TREE / VEGETATION BARRIER TO BE PLACE IN COMBINATION WITH THE SILT FENCE OR OTHER EROSION CONTROL DEVICES.
5. THE ENGINEER IN CHARGE MAY EXTEND THE DISTANCE BETWEEN THE PROPOSED TOE-OF-SLOPE AND SILT FENCE PROVIDING IT DOES NOT TAKE PLACE IN A WETLAND / WATERBODY AND DOES NOT REQUIRE THE REMOVAL OF EXISTING VEGETATION.
6. THE CONTRACTOR SHALL INSTALL AT THE BEGINNING OF THE CONTRACT, AND MAINTAIN THROUGHOUT ITS DURATION, THE TREE / VEGETATION PROTECTION BARRIER AROUND THE EXISTING WETLAND AREAS / STREAM COURSE AREAS AS SHOWN. THE CONTRACTOR SHALL NOT DISTURB EXISTING WETLAND AREAS / STREAM COURSE AREAS WITHIN THE FENCED AREAS.
7. SIGN BACKGROUND WILL BE ORANGE WITH BLACK LETTERING. SIGN SHALL BE 3/4" OUTDOOR RATED PLYWOOD OR SIMILAR MATERIAL.

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
MISCELLANEOUS DETAILS

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
MD-3

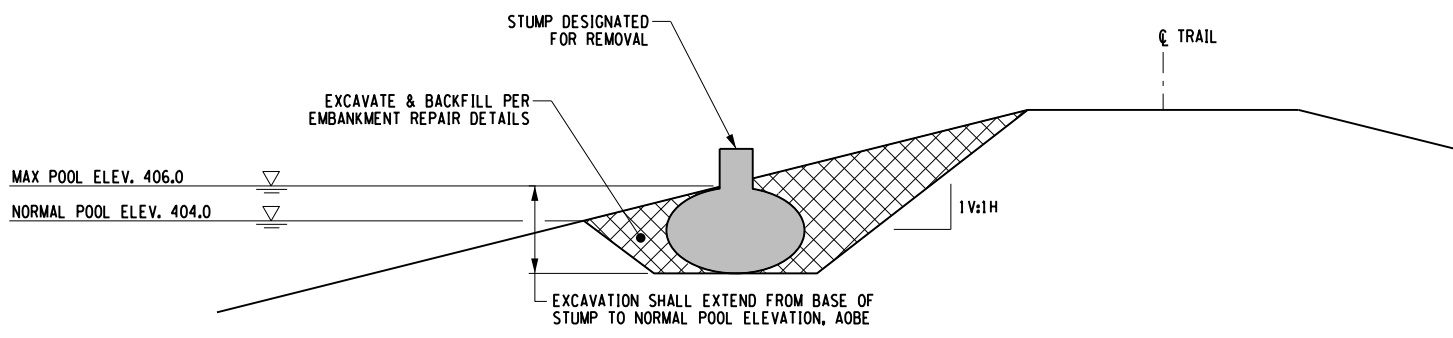
CHECKED BY: LMM

DRAFTED BY: JLC

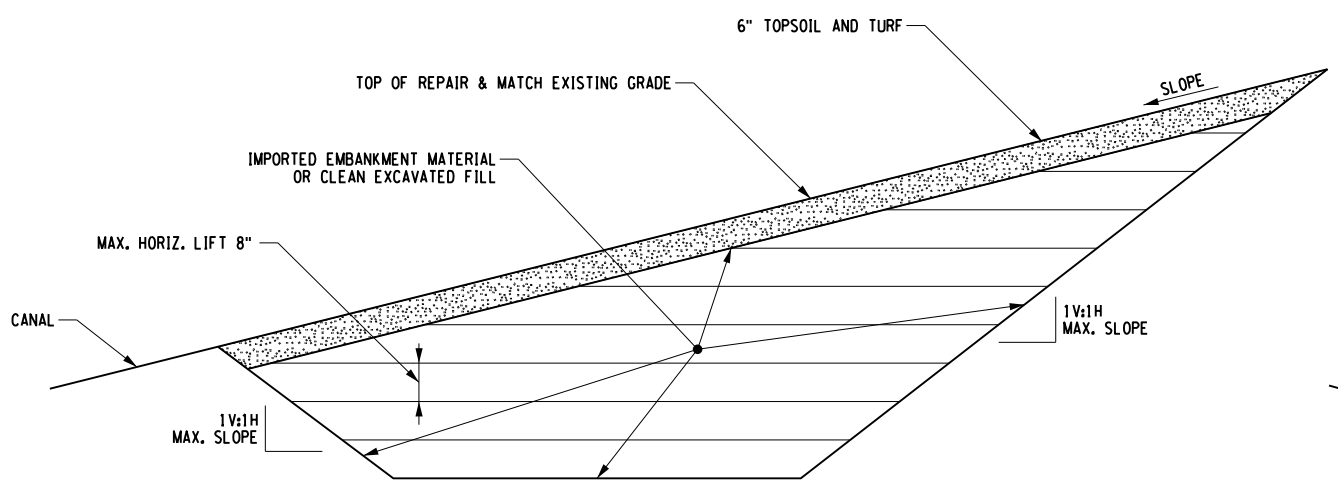
CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



GENERAL REMOVAL PROCEDURE
NOT TO SCALE



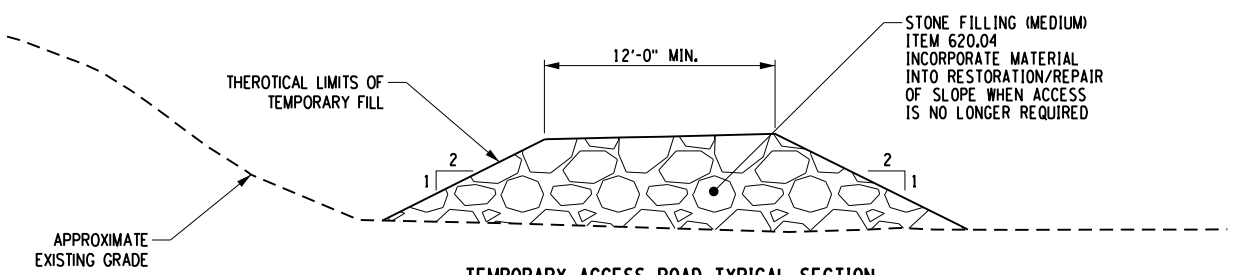
STUMP REMOVAL REPAIR DETAIL
NOT TO SCALE

ALL WORK RELATED TO THE REMOVAL OF TREES AND STUMPS SHALL BE PAID FOR UNDER ITEM 201.06.

PAYMENT SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR THE REMOVAL AND DISPOSAL OF PERTINENT TREES AND STUMPS.

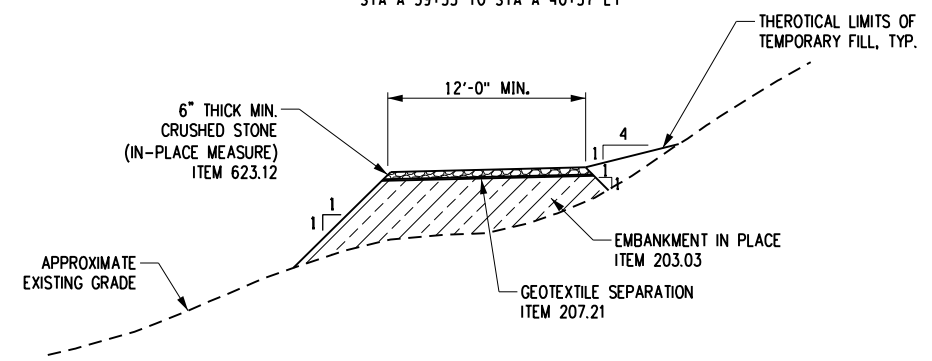
SEQUENCE OF WORK NOTES:

1. ALL TREES LARGER THAN 4-INCHES IN WATER IMPOUNDING EMBANKMENT AREAS ARE TO BE REMOVED. ALL TREES DESIGNATED FOR REMOVAL SHALL BE CUT AND THE ENTIRETY OF THEIR ROOT BALL SHALL BE REMOVED. ONLY ROOTS THAT ARE SMALLER THAN 1-INCH IN DIAMETER MAY REMAIN FOR ALL TREES ON THE TRAIL SIDE OF THE EMBANKMENT. THE ROOT BALL IS LIKELY TO BE LARGER ON THE SIDE OF THE TREE TOWARDS THE CREST OF THE EMBANKMENT. AREAS WHERE THE TREES ARE IN RELATIVELY CLOSE PROXIMITY ARE LIKELY TO HAVE INTERTWINED ROOT SYSTEMS AND SHALL EXCAVATED TO REMOVE MULTIPLE ROOT BALLS FROM THE SAME EXCAVATION.
2. THE WORK SHALL BE PERFORMED IN THE FOLLOWING SEQUENCE.
 - 2.1 A PROFESSIONAL ENGINEER MUST BE PRESENT DURING THE TREE REMOVAL, EXCAVATION, STUMP REMOVAL, BACKFILL, AND RESTORATION.
 - 2.2 CUT THE TREES TO A HEIGHT OF APPROXIMATELY TWO FEET ABOVE THE GROUND. CARE SHOULD BE TAKEN SO THAT REMOVAL OF THE TREES DOES NOT DAMAGE THE TREES THAT ARE TO BE REMAIN. THE CONTRACTOR IS LIABLE FOR ANY TREES THAT WERE INDICATED TO REMAIN, BUT WERE DAMAGED IN THE REMOVAL OF ANOTHER TREE.
 - 2.3 REMOVE ALL STUMPS AND ROOT BALLS WITH A HYDRAULIC EXCAVATOR OR APPROVED EQUAL.
 - 2.4 REMOVE LOOSE SOIL FROM THE ROOT BALL CAVITY BY EXCAVATING EACH SIDE WITH A SLOPE NO STEEPER THAN 1H:1V. THE BOTTOM OF THE EXCAVATION SHOULD BE APPROXIMATELY HORIZONTAL.
 - 2.5 THE EXCAVATION SHALL THEN BE BACKFILLED WITH APPROVED SOIL BACKFILL COMPACTED TO AT LEAST 95 PERCENT STANDARD PROCTOR (ASTM D-698). ALL WORK RELATING TO SEQUENCE OF WORK NOTES 2.1 THROUGH 2.5 SHALL BE PAID FOR UNDER ITEM 201.06. PRIOR TO BEING BROUGHT ON-SITE, ALL IMPORTED MATERIAL SHALL BE TESTED IN ACCORDANCE WITH THE CANALS SOIL. TESTING FOR IMPORTED MATERIAL SHEET DE-1 FOR SOIL TESTING REQUIREMENTS FOR IMPORTED BACKFILL, REQUIRED NUMBER OF SOIL SAMPLES, AND RESTRICTED RESIDENTIAL USE SOIL CLEANUP OBJECTIVES. THE IMPORTING AND PLACEMENT OF EMBANKMENT FILL SHALL BE PAID FOR UNDER ITEM 203.03 EMBANKMENT IN PLACE.
 - 2.6 CONTRACTOR SHALL PROVIDE NYSCC ENVIRONMENTAL REPRESENTATIVE WITH THE PROPOSED DISPOSAL LOCATION FOR WOODY/VEGETATION DISPOSAL FOR APPROVAL PRIOR TO REMOVING MATERIAL FROM NYSCC PROPERTY. ALL WORK RELATED TO THE REMOVAL AND DISPOSAL OF VEGETATION SHALL BE PAID FOR UNDER ITEM 201.06.
 - 2.7 ANY MATERIAL TO BE DISPOSED OF OFF-SITE SHALL BE PROPERLY DISPOSED OF AT A PART 360 REGISTERED OR PERMITTED CONSTRUCTION AND DEMOLITION (C&D) RECYCLING FACILITY OR PART 360 PERMITTED LANDFILL.
 - 2.8 CONTRACTOR SHALL TAKE CARE TO REMOVE ONLY THOSE TREES IDENTIFIED ON SHEET MT-1, TREES WITHIN THE EMBANKMENT REPAIR AREA, AND TREES IDENTIFIED BY THE ENGINEER - WITHOUT DOING DAMAGE TO OTHER SURROUNDING TREES. IF, DURING CONSTRUCTION, REMOVAL OF ADDITIONAL TREES IS DETERMINED TO BE NECESSARY, CONTRACTOR MUST OBTAIN PRIOR APPROVAL FROM NYPA/NYSCC ENVIRONMENTAL DEPARTMENT AND THE ENGINEER.



TEMPORARY ACCESS ROAD TYPICAL SECTION
NOT TO SCALE

STA A 13+30 TO STA A 13+55 LT
STA A 39+35 TO STA A 40+57 LT



CONSTRUCTION ACCESS ROAD IMPROVEMENTS DETAIL
NOT TO SCALE

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
	LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
	TITLE OF DRAWING MISCELLANEOUS DETAILS	DRAWING NUMBER: MD-4

CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

ITEM 614.060X02 - TREE REMOVAL TABLE (TRAIL SEGMENT B)						
LOCATION		QUANTITY				
		ITEM 614.060102	ITEM 614.060202	ITEM 614.060302	ITEM 614.060402	ITEM 614.060502
LATITUDE	LONGITUDE	EACH	EACH	EACH	EACH	EACH
43°06'44.1474"	-075°13'03.4809"		1			
43°07'08.0089"	-075°13'50.1683"			1		
43°07'10.6000"	-075°13'57.7269"			1		
43n07'10.7339"	-075°13'58.2243"	1				
43°07'12.7061"	-075°14'04.4400"				1	
43°07'13.1576"	-075°14'05.8342"				1	
43°07'14.2983"	-075°14'09.4059"				1	
43°07'15.1796"	-075°14'12.3225"			1		
43°07'16.6513"	-075°14'17.3488"					1
43°07'17.2943"	-075°14'18.5020"		1			
43°07'19.4696"	-075°14'26.5120"				1	
TOTALS		1	2	3	4	1
ITEM 614.060102 - TREE REMOVAL OVER 4 INCHES TO 6 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH						
ITEM 614.060202 - TREE REMOVAL OVER 6 INCHES TO 12 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH						
ITEM 614.060302 - TREE REMOVAL OVER 12 INCHES TO 18 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH						
ITEM 614.060402 - TREE REMOVAL OVER 18 INCHES TO 24 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH						
ITEM 614.060502 - TREE REMOVAL OVER 24 INCHES TO 36 INCHES DIAMETER BREAST HEIGHT - STUMPS CUT FLUSH						

NOTE: ALL TREES SHALL BE REMOVED FROM SEGMENT A EMBANKMENT, AOE.

WOOD SAFETY RAIL TABLE			
STATION	STATION	SIDE	ITEM 607.43----12 (LF)
A 10+00.00	A 10+61.00	RT	68.0
A 10+25.00	A 12+36.00	RT	225.0
A 27+00.00	A 33+00.00	LT	600.0
A 36+25.00	A 38+00.00	RT	175.0
A 38+63.00	A 39+71.00	RT	108.0
A 40+50.00	A 41+50.00	RT	100.0
B 48+20.00	B 49+14.50	LT	95.0
TOTAL			1371.0

TEMPORARY PLASTIC BARRIER FENCE TABLE			
STATION	STATION	SIDE	ITEM 607.41010010 (LF)
A 16+00.00	A 31+00.00	RT	1,500.0
TOTAL			1,500.0

AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE
Canal Corporation



CH2M HILL
100 Water Circle, P.O. Box 5200
Albany, NY 12205-0200
518.453.4500 • www.ch2mhill.com

TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
MISCELLANEOUS TABLES

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
MT-1

CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

SIGNS TO BE INSTALLED							
TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (in) (TOTAL AREA)	M.U.T.C.D.	MOUNT
1	PL-1A, PL-1B, PL-9B	645.5201	3.0	9.0	 12" DIA. (1.0 SQ. FT.)	SIGN FACE LAYOUTS SUPPLIED BY CANALS CORP.	GR
		645.81	1	3	 12" DIA. (1.0 SQ. FT.)		
					 12" X 12" (1.0 SQ. FT.)		
2	PL-1B	645.5201	2.3	2.3	 18" X 18" (2.3 SQ. FT.)	W1-11	GR
		645.81	1	1			
3	PL-1B	645.5201	3.0	3.0	 12" DIA. (1.0 SQ. FT.)	SIGN FACE LAYOUTS SUPPLIED BY CANALS CORP.	GR
		645.81	1	1	 12" DIA. (1.0 SQ. FT.)		
4	PL-1B	645.5201	2.3	2.3	 18" X 18" (2.3 SQ. FT.)	W1-11	GR
		645.81	1	1			
5	PL-1B	645.5201	2.3	9.2	 18" X 18" (2.3 SQ. FT.)	R5-3	GR
		645.81	1	4			

SIGNS TO BE INSTALLED							
TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (in) (TOTAL AREA)	M.U.T.C.D.	MOUNT
6	PL-1B	645.5201	1	1	 18" X 18" (2.3 SQ. FT.)	W7-5	GR
		645.81	1	1			

SIGNS TO BE REMOVED					
LOCATION NUMBER	M.U.T.C.D. NO.	DESCRIPTION	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY
DP-2A	N/A	ERIE CANALWAY TRAIL	647.61	1	1
DP-1B	R1-1	STOP	647.61	1	1
DP-1B	R3-5	NO MOTOR VEHICLES	647.61	1	1
DP-2B	N/A	ERIE CANALWAY TRAIL	647.61	1	1
TOTAL =					4 EA

SIGNS TO BE RELOCATED					
LOCATION NUMBER	M.U.T.C.D. NO.	DESCRIPTION	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY
PL-1A	R5-3 (MOD.)	NO MOTORIZED VEHICLES	647.31	1	1
PL-6A	R5-3 (MOD.)	NO MOTORIZED VEHICLES	647.31	1	1
TOTAL =					2 EA

SIGNING NOTES:

1. SIGN LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL INSTALL NEW SIGNS AND RELOCATE EXISTING SIGNS IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
2. THE COLOR IS ONLY SHOWN WHEN THERE IS AN OPTION THAT MUST BE SPECIFIED.
3. THE AREA AND PAYMENT AREA FOR SIGNS ARE FROM THE APPLICABLE STANDARD SHEETS OR SIGN FACE LAYOUTS.

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
SIGN TEXT DATA

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
STD-1

CHECKED BY: LMM

DRAFTED BY: JLC

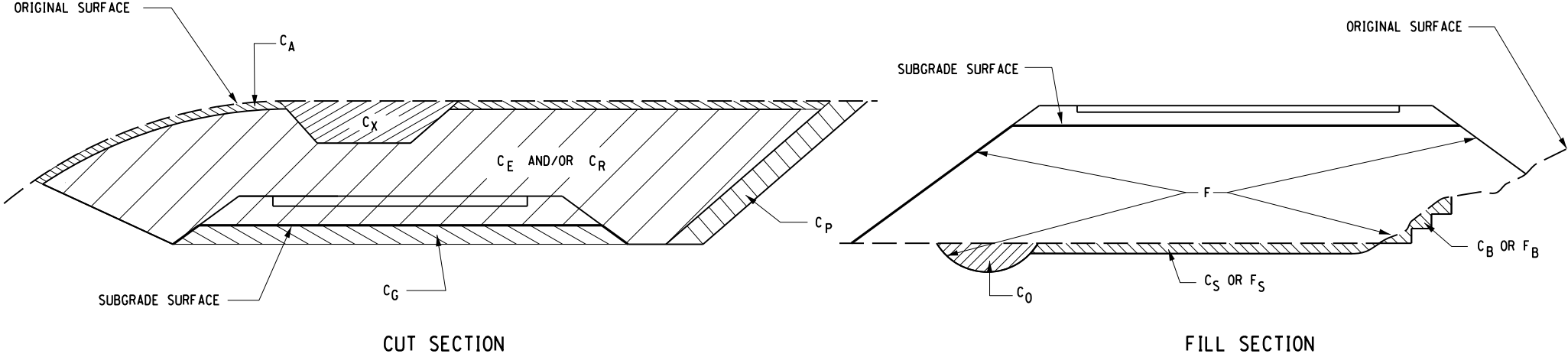
CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

SUMMARY OF EARTHWORK (ITEMS 203.02 AND 203.03 ONLY)					
SOURCE	EXCAVATION			ITEM 203.02	ITEM 203.03
	T _E	C _S	T _U	C _T	F _T
TRAIL "A"	7248	-	8409	15657	36
TRAIL "B"	2542	-	1119	3661	720
TOTALS	9790	-	9528	19318	756

SUMMARY OF TRENCH AND CULVERT EXCAVATION (ITEM 206.0201 ONLY)			
SOURCE	EXCAVATION		ITEM 206.0201
	ROCK	NON-ROCK	
TRAIL "A"	-	140	140
TRAIL "B"	-	37	37
TOTALS	-	177	177



DEFINITIONS:

- C_B - EXCAVATION FOR REQUIRED BENCHING, (BOTH LONGITUDINAL AND TRANSVERSE).
 C_G - EXCAVATION FOR SUBGRADE IMPROVEMENT.
 C_P - EXCAVATION FROM CUT SLOPE NECESSARY TO PLACE SLOPE PROTECTION.
 C_E - PORTION OF CUT ASSUMED TO BE EARTH SUITABLE FOR EMBANKMENT CONSTRUCTION, EXCLUDING C_G AND C_P .
 T_E - ($C_B + C_G + C_P + C_E$) TOTAL EARTH EXCAVATION ASSUMED SUITABLE FOR EMBANKMENT CONSTRUCTION.
- C_A - EXCAVATION OF TOPSOIL (UNSUITABLE MATERIAL) IN CUT.
 C_S - EXCAVATION OF TOPSOIL (UNSUITABLE MATERIAL) UNDER EMBANKMENT.
 C_X - EXCAVATION OF UNSUITABLE MATERIAL IN CUT: SWAMP OR DUMP
 C_0 - EXCAVATION OF UNSUITABLE MATERIAL BENEATH EMBANKMENT: SWAMP OR DUMP
 T_U - ($C_A + C_S + C_X + C_0$) TOTAL EXCAVATION ASSUMED UNSUITABLE FOR EMBANKMENT CONSTRUCTION.
- C_R - PORTION OF CUT ASSUMED TO BE ROCK, INCLUDING C_G IF APPLICABLE.
- C_T - ($T_E + T_U + C_R$) TOTAL EXCAVATION.

DEFINITIONS:

- F_B - FILL REQUIRED TO REPLACE BENCHES.
 F_S - FILL REQUIRED TO REPLACE TOPSOIL REMOVED BENEATH EMBANKMENTS.
 F - FILL REQUIRED TO COMPLETE EMBANKMENT TO SUBGRADE SURFACE AND SIDE-SLOPES AFTER FOUNDATION IS PREPARED.
 F_T - ($F_B + F_S + F$) TOTAL FILL REQUIRED.
 T_A - ($T_E \times F_E + C_R \times F_R$) THE VOLUME WHICH THE SUITABLE EXCAVATED MATERIAL COULD OCCUPY IN EMBANKMENT.
- F_E - SHRINKAGE FACTOR FOR EARTH
 F_R - SWELL FACTOR FOR ROCK

NOTES:

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THESE TABLES ARE ESTIMATED, AND ARE PROVIDED FOR THE PURPOSE OF PREPARING AN ESTIMATE. THEY ARE NOT TO BE CONSTRUED AS BEING EXACT. THEY ARE INTENDED TO QUANTIFY AND QUALIFY THE NATURE OF THE WORK TO BE PERFORMED. SIGNIFICANT DIFFERENCE FROM THIS REPRESENTATION, WHEN ENCOUNTERED DURING THE ACTUAL WORK, WILL BE HANDLED ACCORDING TO THE SPECIFICATIONS GOVERNING THIS PROJECT.

203.02 UNCLASSIFIED EXCAVATION AND DISPOSAL
203.03 EMBANKMENT IN PLACE
206.0201 TRENCH AND CULVERT EXCAVATION

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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL





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Albany, NY 12242-2299
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TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING EARTHWORK SUMMARY	DRAWING NUMBER: ES-1

CHECKED BY: LMM
DRAFTED BY: JLC
CHECKED BY: JLC
DESIGNED BY: JLC
DESIGN SUPERVISOR: LMM

LEGEND

- EXCAVATION FOR FULL DEPTH TRAIL REPAIRS, ITEM 203.02
- REMOVE EXISTING GRAVEL ACCESS ROAD, ITEM 203.02



AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

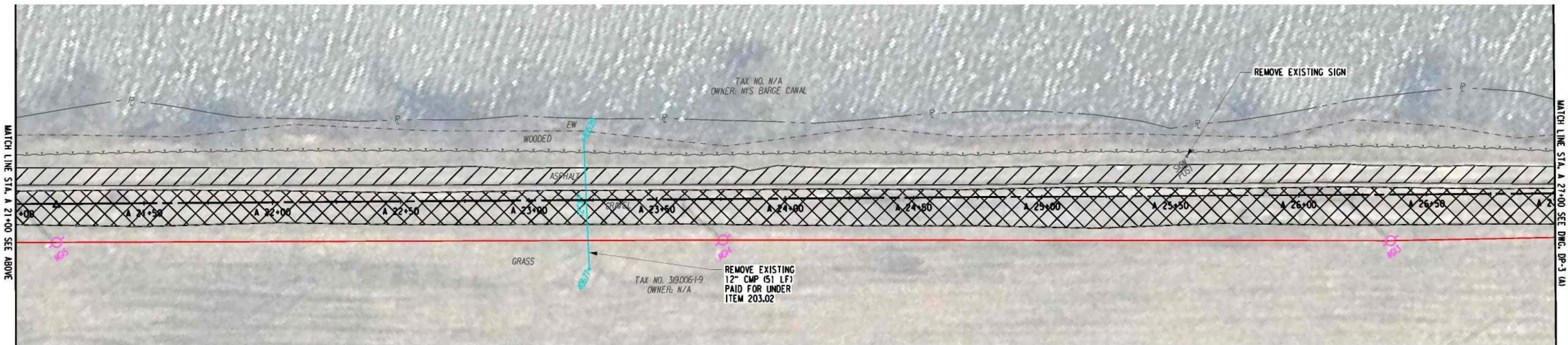
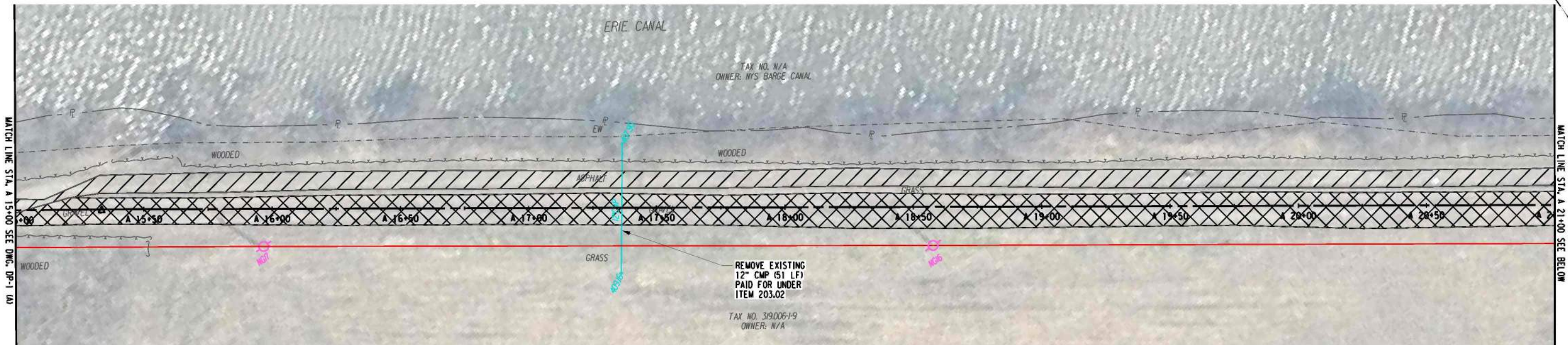
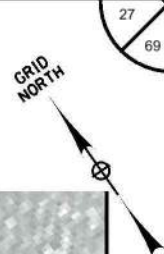
NEW YORK STATE Canal Corporation

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING DEMOLITION PLAN	DRAWING NUMBER: DP-1 (A)

CHECKED BY: LMM
DRAFTED BY: JLC
CHECKED BY: JLC
DESIGNED BY: JLC
DESIGN SUPERVISOR: LMM

LEGEND

- EXCAVATION FOR FULL DEPTH TRAIL REPAIRS, ITEM 203.02
- REMOVE EXISTING GRAVEL ACCESS ROAD, ITEM 203.02



AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal for Luke J. Macdonald, State of New York, License No. 072357]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING DEMOLITION PLAN	DRAWING NUMBER: DP-2 (A)

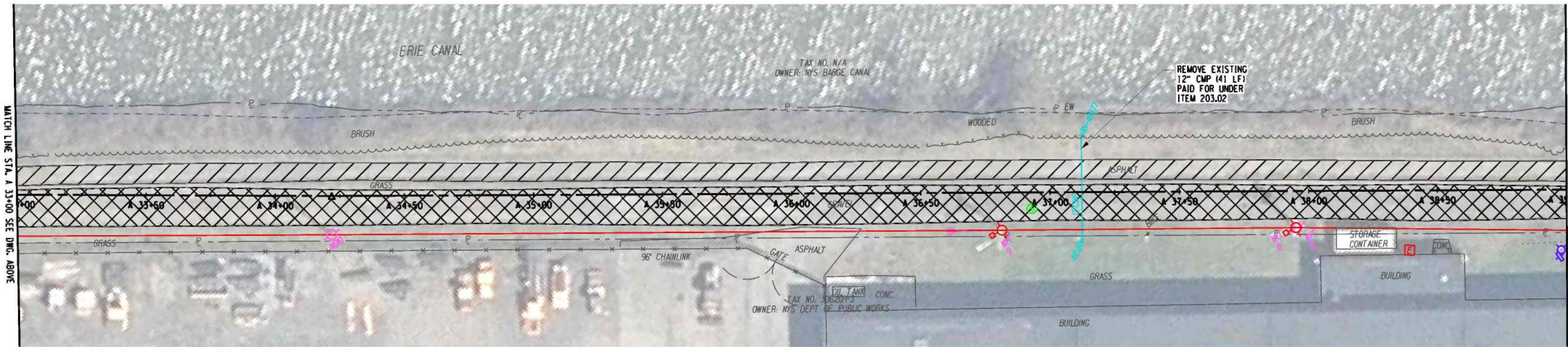
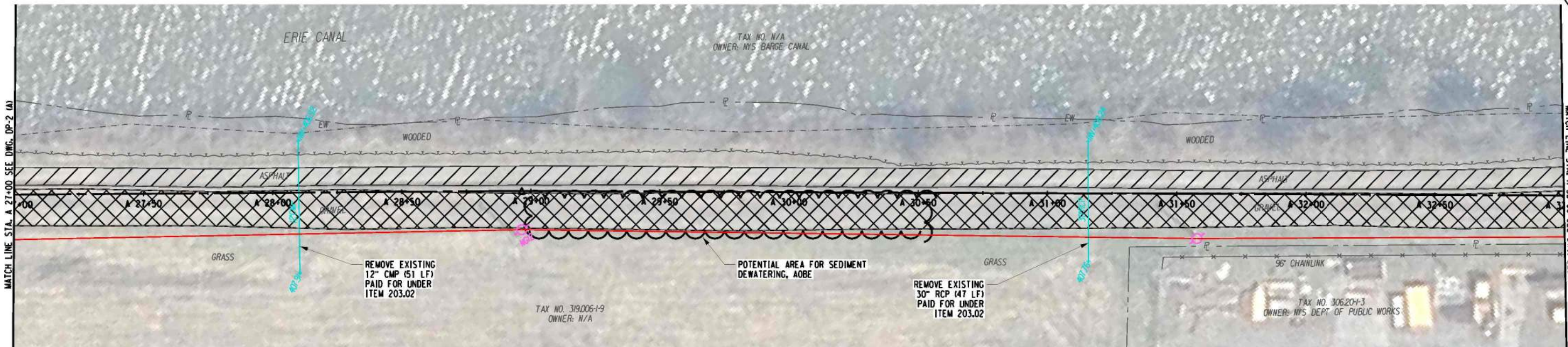
CHECKED BY: LMM
DRAFTED BY: JLC
DESIGNED BY: JLC
DESIGN SUPERVISOR: LMM



LEGEND

EXCAVATION FOR FULL DEPTH TRAIL REPAIRS, ITEM 203.02

REMOVE EXISTING GRAVEL ACCESS ROAD, ITEM 203.02



AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:

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DATE	DESCRIPTION	BY	SYM.

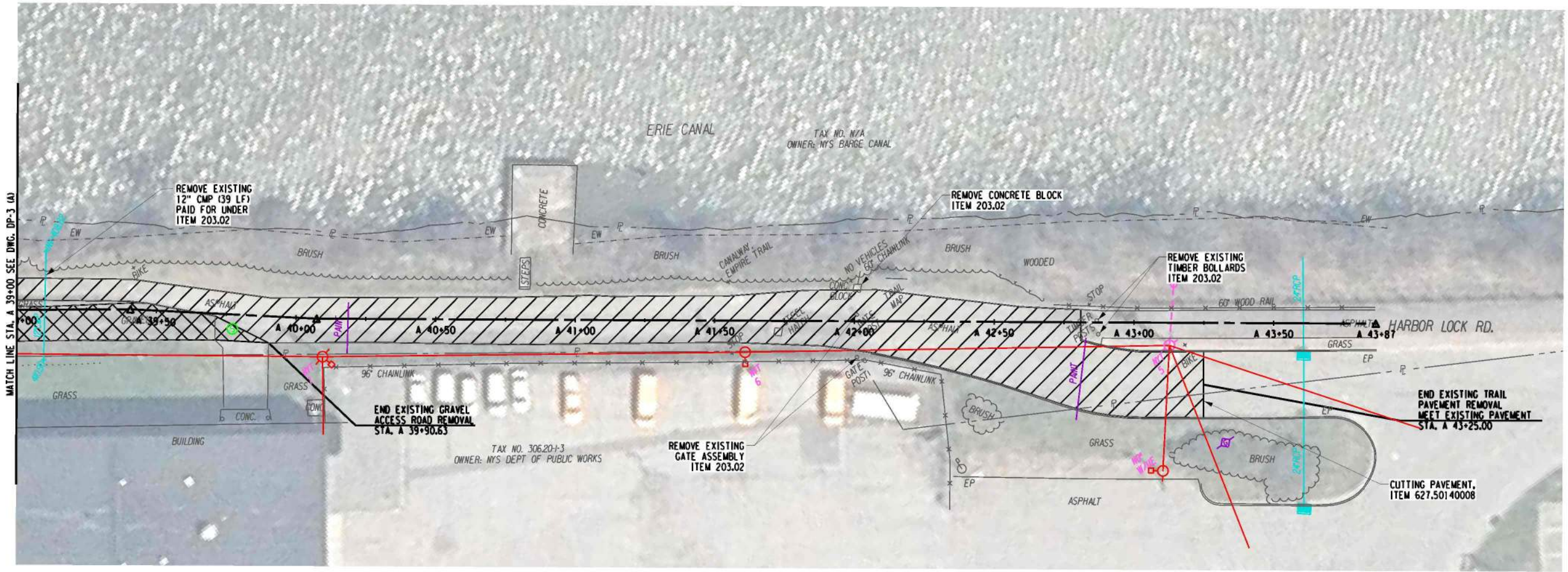
TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING DEMOLITION PLAN	DRAWING NUMBER: DP-3 (A)



CHECKED BY: LMM
DRAFTED BY: JLC
CHECKED BY: JLC
DESIGNED BY: JLC
DESIGN SUPERVISOR: LMM

LEGEND

- EXCAVATION FOR FULL DEPTH TRAIL REPAIRS, ITEM 203.02
- REMOVE EXISTING GRAVEL ACCESS ROAD, ITEM 203.02



AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

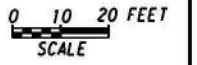
STAMP: [Professional Engineer Seal for Luke J. Macdonald, State of New York, License No. 072357]

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.

Canal Corporation

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING DEMOLITION PLAN	DRAWING NUMBER: DP-4 (A)



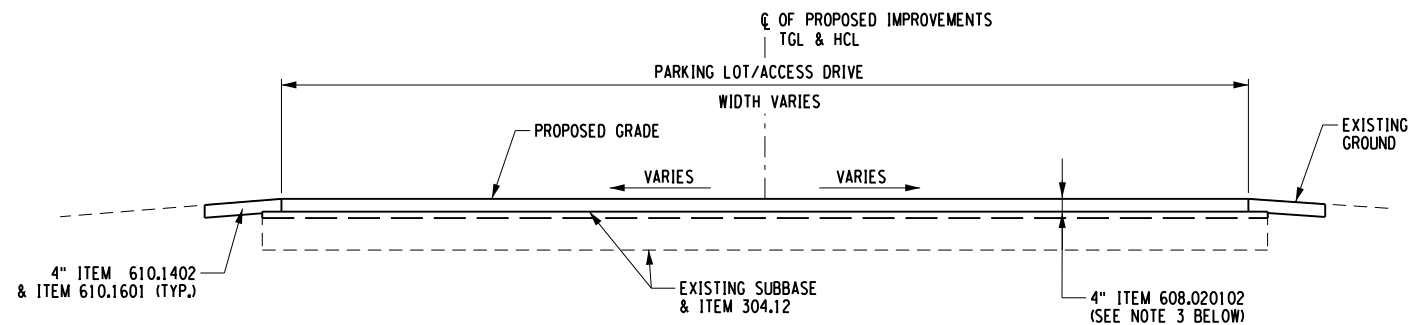
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

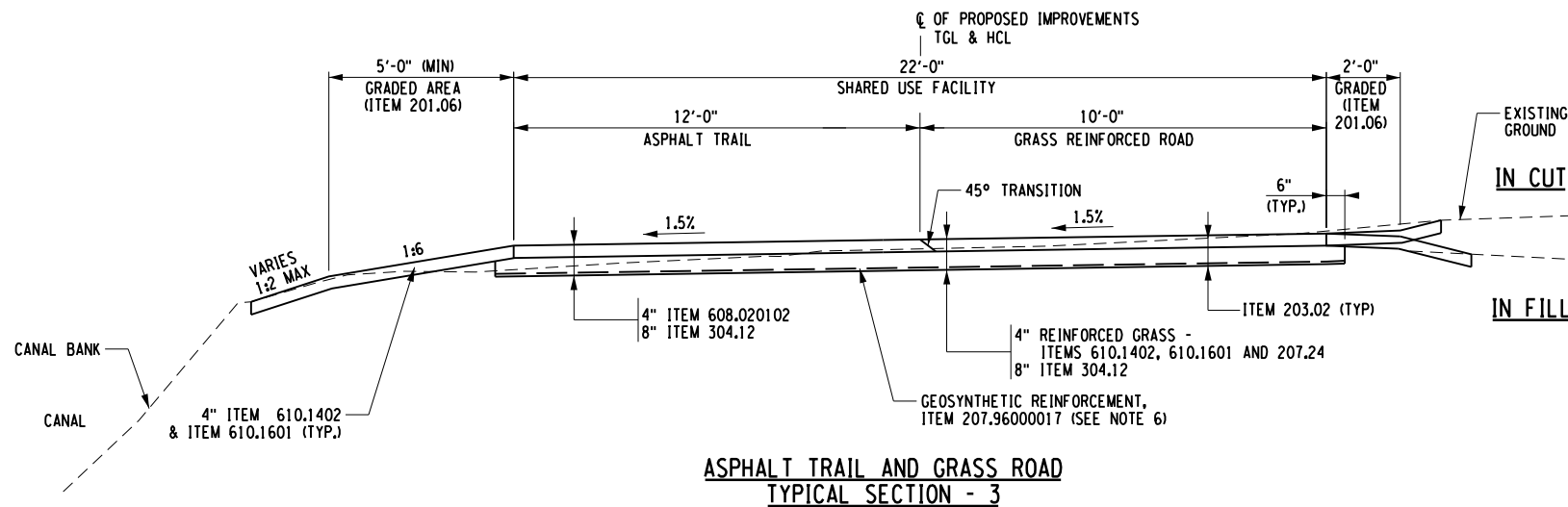


**HARBOR CANAL LOCK PARKING LOT
TYPICAL SECTION - 1**

N.T.S.
STA. A 10+00.00 TO STA. A 10+61.00

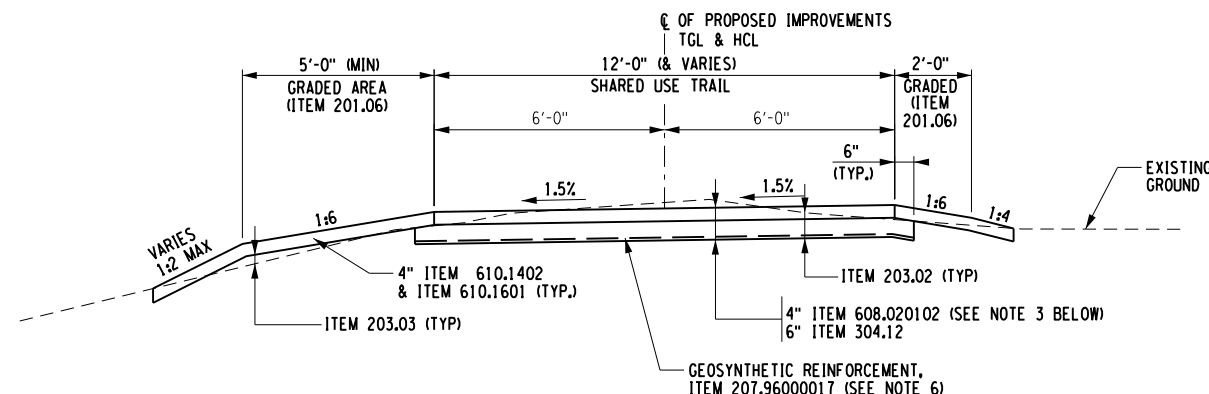
PARKING LOT NOTES:

1. SEE "NOTES" SECTION ON THIS SHEET FOR ADDITIONAL NOTES.
2. CONTRACTOR SHALL REGRADE THE EXISTING STONE SURFACE AND DRESS WITH 1"-3" OF ITEM 304.12 AS PART OF FINAL PREPARATION PRIOR TO PAVING COST FOR THIS WORK IS INCLUDED IN THE PRICE BID FOR ITEM 304.12.
3. INSTALL 4 INCHES OF ITEM 608.020102 OVER THE SUBBASE MATERIAL. (SEE NOTE 3 BELOW).



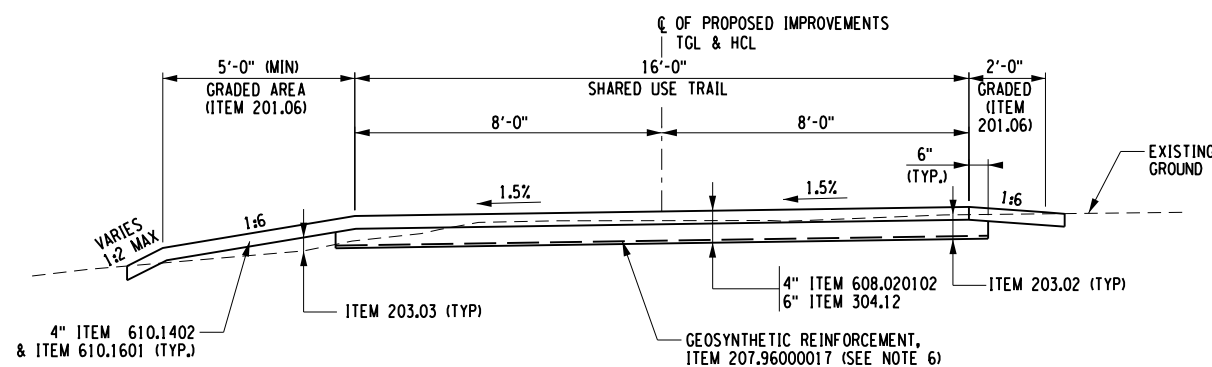
**ASPHALT TRAIL AND GRASS ROAD
TYPICAL SECTION - 3**

N.T.S.
STA. A 16+25.00 TO STA. A 39+40.66



**ASPHALT CANAL SHARED USE TRAIL
TYPICAL SECTION - 2**

N.T.S.
STA. A 10+61.00 TO STA. A 16+25.00
(TAPER FROM 15+50 TO 16+50)



**ASPHALT CANAL SHARED USE TRAIL
TYPICAL SECTION - 4**

N.T.S.
STA. A 39+40.66 TO STA. A 43+25.00

NOTES:

1. THE SLOPE OF THE GRADED SHOULDER BACKUP AREA ADJACENT TO THE PROPOSED TRAIL SHALL NOT BE STEEPER THAN 1 ON 6 SLOPE, OR BE LESS THAN 2.0%. THE DESIGN INTENTION IS TO MINIMIZE CUTS AND FILLS AND PROMOTE POSITIVE DRAINAGE.
2. MINOR REVISIONS TO THE SHARED-USE TRAIL HORIZONTAL AND VERTICAL ALIGNMENTS ARE PERMITTED (AS APPROVED BY THE ENGINEER). ANY REVISIONS MUST MEET AASHTO GUIDE FOR THE PLANNING, DESIGN, AND OPERATIONS OF BICYCLE FACILITIES, AND ALL CURRENT ADA GUIDELINES.
3. THE ASPHALT SHALL BE PLACED IN TWO LIFTS: 1.5" OF 9.5 TOP COURSE AND 2.5" OF 12.5 BINDER COURSE IN ACCORDANCE WITH SECTION 608-2 OF THE NYS DOT STANDARD SPECIFICATIONS.
4. THE GRADING LIMITS BEYOND THE 1:6 (2' TO 5') GRADED AREA SHALL HAVE A SLOPE OF 1:3 MAXIMUM WHERE FEASIBLE. IN CERTAIN AREAS, THE EXISTING TERRAIN WILL REQUIRE GRADES TO BE STEEPER THAN 1:3. THE MAXIMUM GRADE SHALL NOT EXCEED 1:1.5 OR A.O.B.E. IN THESE AREAS. THE DESIGN INTENTION IS TO MINIMIZE CUTS AND FILLS AND PROMOTE POSITIVE DRAINAGE. SEE CANALWAY CROSS SECTIONS FOR GRADING OUTSIDE THE SHOULDER AREA.
5. THE 1:6 GRADED AREA DISTANCE SHALL BE A MINIMUM OF 2 FEET IF THE FOLLOWING OCCURS:
 - SLOPE OF 1V:2H AND DROP IS LESS THAN 4 FEET
 - SLOPE OF 1V:3H AND DROP IS LESS THAN 6 FEET.IF THE DROP HEIGHTS ARE GREATER THAN THE ABOVE LISTED CRITERIA THE GRADED AREA DISTANCE MUST BE 5 FEET MINIMUM OR SAFETY RAIL MUST BE PLACED ALONG THE TRAIL. SEE TABLE ON DWG. MT-1 FOR LOCATIONS OF SAFETY RAIL.
6. GEOSYNTHETIC REINFORCEMENT SHALL HAVE A MINIMUM OVERLAP OF 18". THE GEOGRID MATERIAL SHALL BE APPROVED BY THE ENGINEER AND SHALL BE MANUFACTURED FROM OUNCHED POLYPROPYLENE SHEETS WITH A TRIANGULAR APETURE SHAPE.

TRAIL GRADED AREA IS A MINIMUM OF 2 FEET IN CUT SECTIONS.



AFFIXED ON: 9/4/2025

SIGNATURE: STAMP:

ITEM	DESCRIPTION	UNIT
201.06	CLEARING AND GRUBBING	LS
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
203.03	EMBANKMENT IN PLACE	CY
207.24	GEOTEXTILE STABILIZATION	SY
207.96000017	GEOTEXTILE REINFORCEMENT	SF
304.12	SUBBASE COURSE, TYPE II	CY
608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON
610.1402	TOPSOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING TYPICAL SECTIONS	DRAWING NUMBER: TS-1 (A)

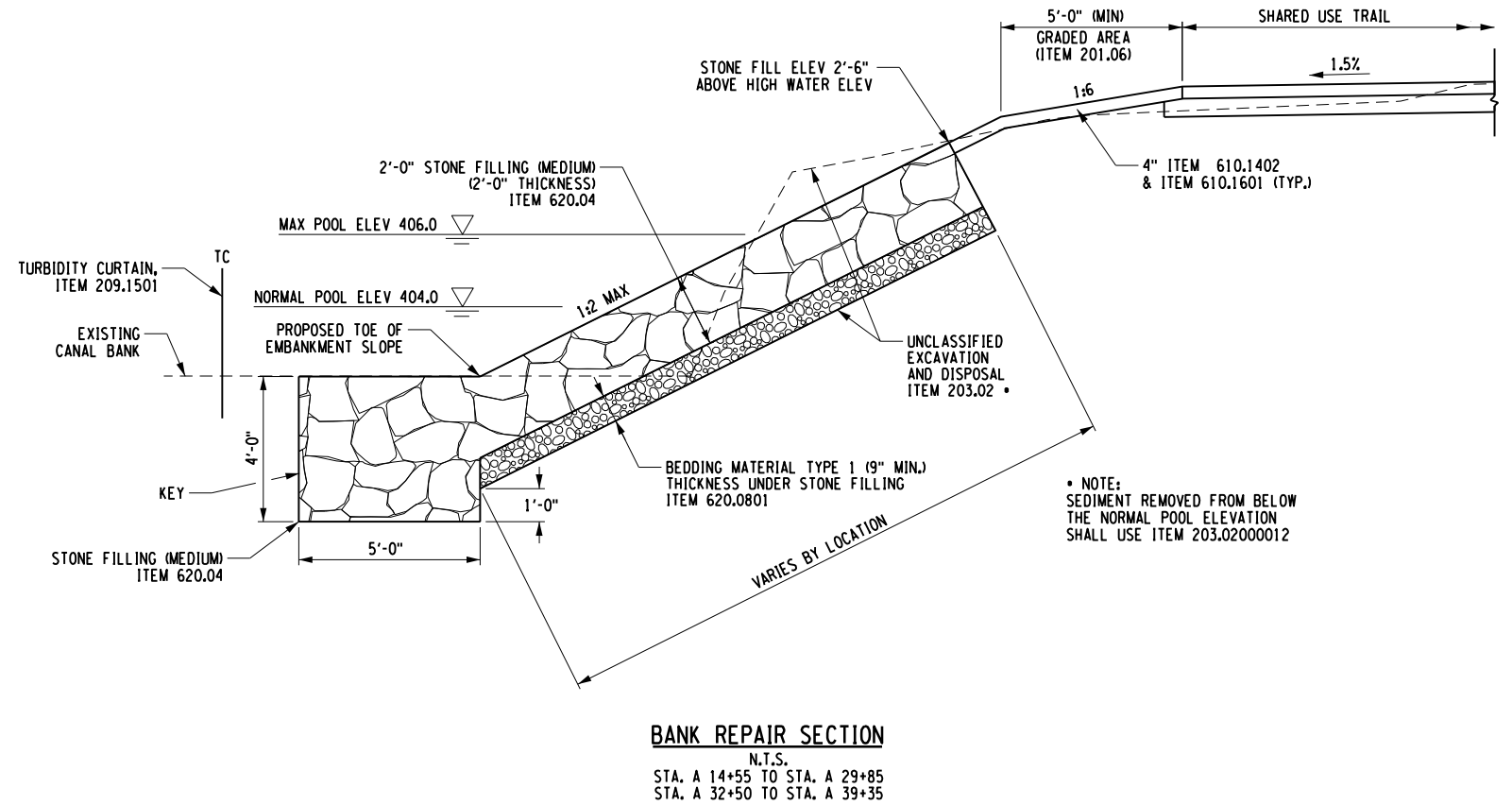
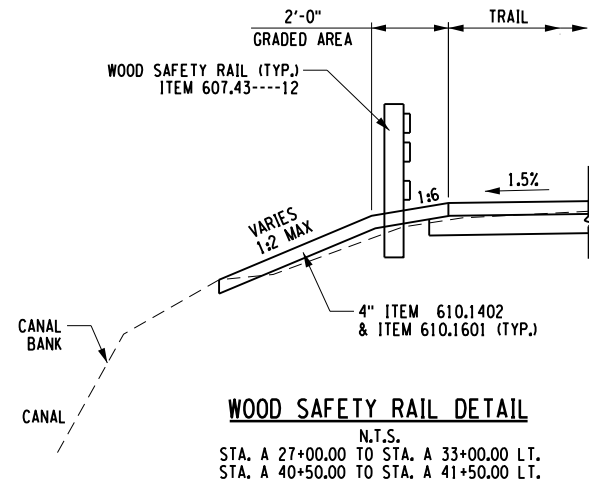
CHECKED BY: LMM

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



ITEM	DESCRIPTION	UNIT
201.06	CLEARING AND GRUBBING	LS
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
203.02000012	UNCLASSIFIED EXCAVATION AND DISPOSAL OF SEDIMENT	CY
304.12	SUBBASE COURSE, TYPE II	CY
607.43-----12	WOOD SAFETY FENCE	LF
610.1402	TOPSOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY
620.04	STONE FILLING, MEDIUM	CY
620.0801	BEDDING MATERIAL, TYPE 1	CY

AFFIXED ON: 9/4/2025

SIGNATURE: STAMP:



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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING TYPICAL SECTIONS	DRAWING NUMBER: TS-2 (A)

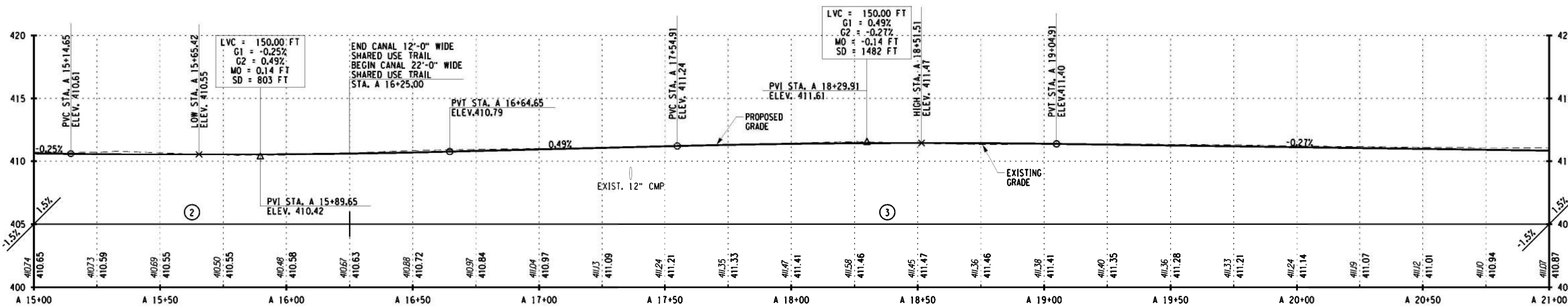
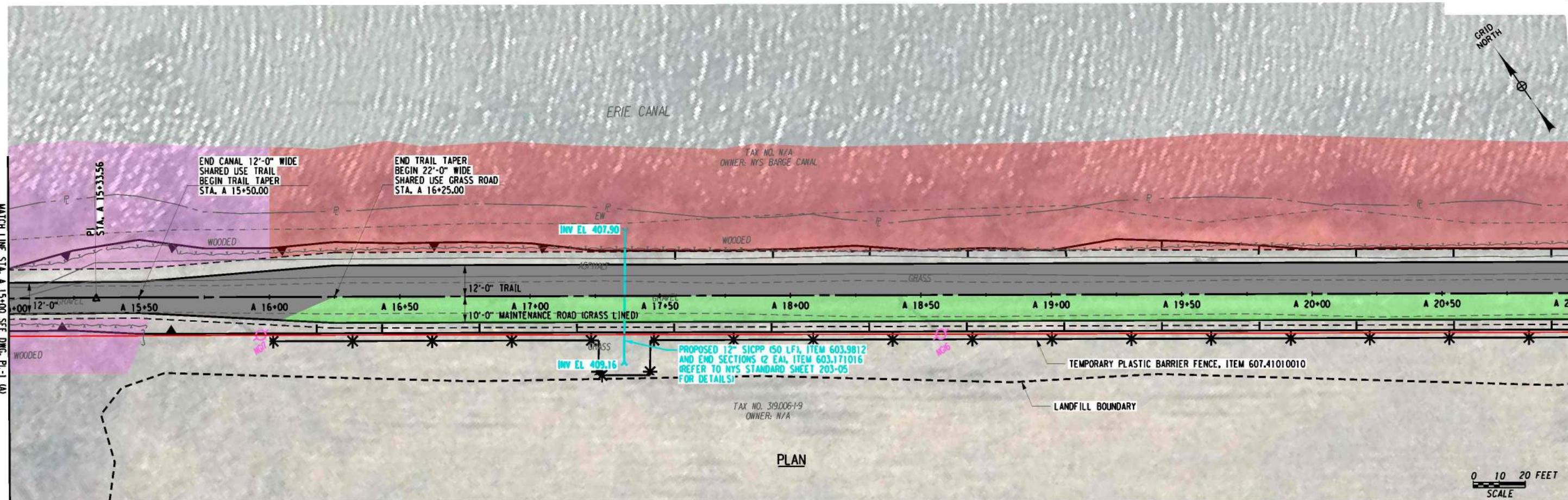
CHECKED BY:

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



NOTES:

1. THE CONTRACTOR SHALL BE AWARE THAT PORTIONS OF THE PROJECT AREA ARE WITHIN THE 100-FOOT REGULATED ADJACENT AREAS FOR NY STATE WETLANDS.
2. SEE DWG. PL-1 (A) FOR LEGEND.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
PLAN AND PROFILE

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
PL-2 (A)

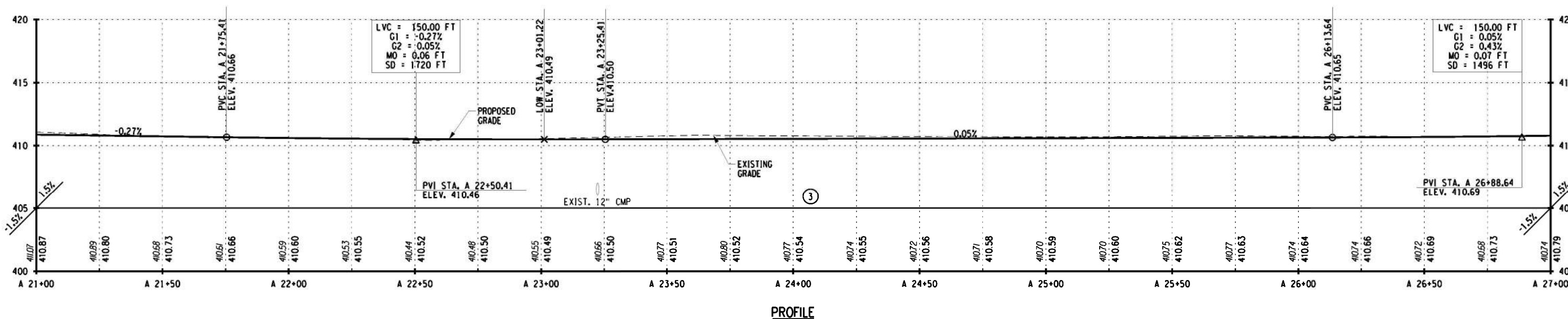
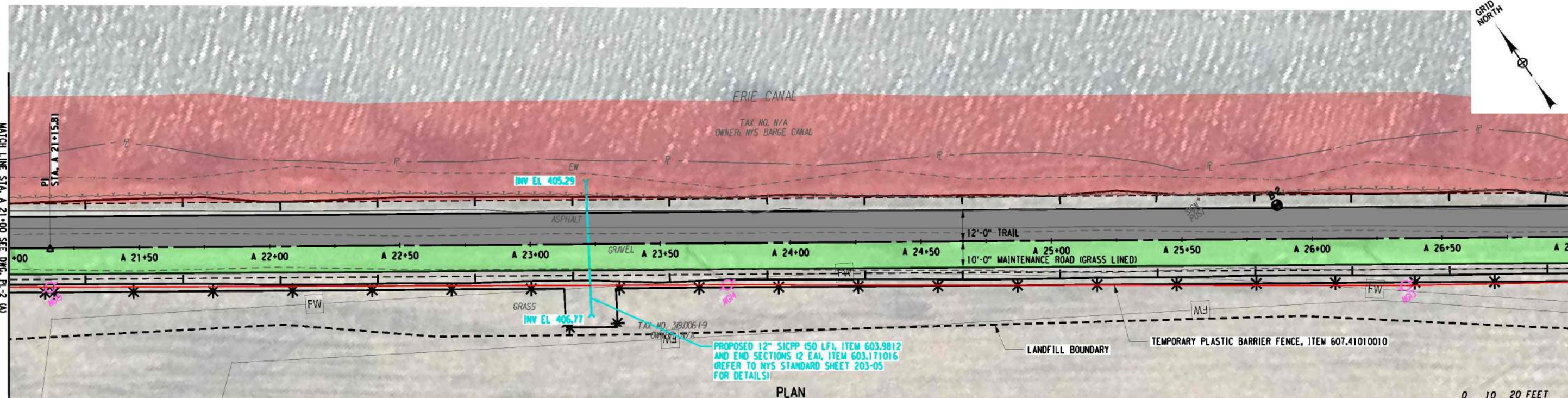
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-3 (A)

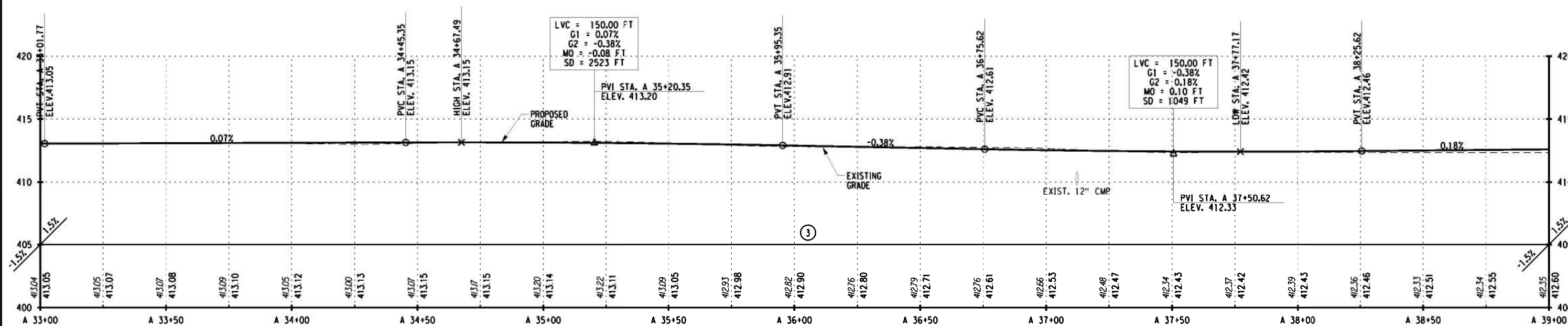
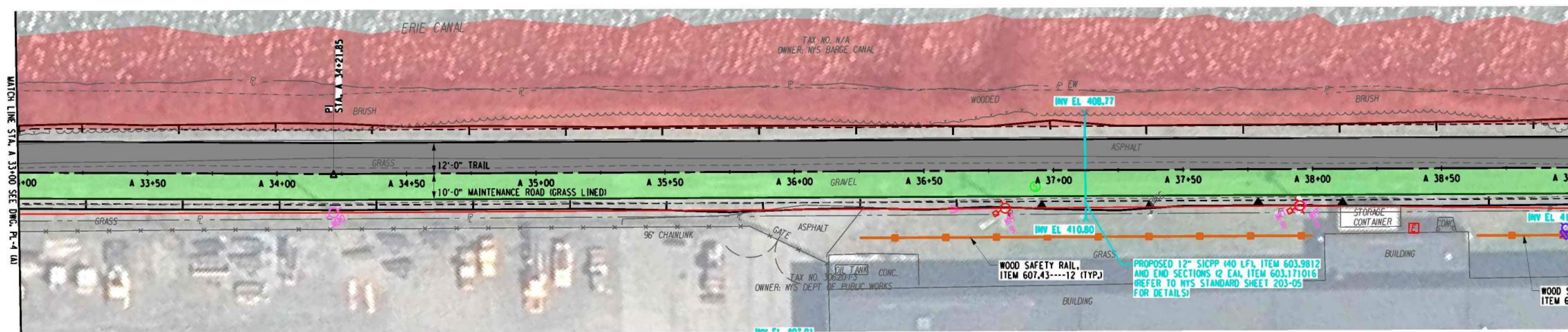
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
PLAN AND PROFILE

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
PL-5 (A)

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

STONE FILLING (MEDIUM)
ITEM 620.04
AS NEEDED FOR CONSTRUCTION
ACCESS, INCORPORATE MATERIAL
INTO RESTORATION/REPAIR OF
SLOPE WHEN ACCESS IS NO
LONGER REQUIRED

TEMPORARY ACCESS ROAD
GRADING THEORETICAL LIMITS
AT 2:1 SIDE SLOPES. RESTORE
EMBANKMENT SLOPE ONCE
TEMPORARY STONE IS REMOVED.
SEE DETAIL ON MD-4.

END CANAL 22'-0" WIDE
SHARED USE GRASS ROAD
BEGIN TRAIL TAPER
STA. A 39+40.66

END TRAIL TAPER
BEGIN CANAL 16'-0" WIDE
SHARED USE TRAIL
STA. A 40+25.00

BEGIN WOOD SAFETY RAIL
STA. A 40+50.00 LT.

ERIE CANAL

TAX NO. N/A
OWNER: NYS BARGE CANAL

WOOD SAFETY RAIL,
ITEM 607.43----12 (TYP.)

END WOOD SAFETY RAIL
STA. A 41+50.00 LT.

END CANAL 16'-0" WIDE
SHARED USE TRAIL
STA. A 42+00.00

RELOCATE "NO MOTORIZED
VEHICLES" SIGN, ITEM 647.31

PROPOSED VEHICULAR
BARRIER GATE, SEE
DETAIL ON MD-1

HARBOR LOCK RD.

PROJECT ENDS
END SHARED USE TRAIL
MEET EXISTING PAVEMENT
STA. A 43+25.00

MATCH LINE STA. A 39+00 SEE DWG. PL-5 (A)

INV. EL. 408.82

12'-0" TRAIL

10'-0" MAINTENANCE ROAD

GRASS

GRASS

GRASS

CONC.

CONC.

SAFETY RAIL,
ITEM 607.43----12 (TYP.)

PROPOSED 12" SICPP (38 LF), ITEM 603.9812
AND END SECTIONS (2 EA), ITEM 603.171016
(REFER TO NYS STANDARD SHEET 203-05
FOR DETAILS)

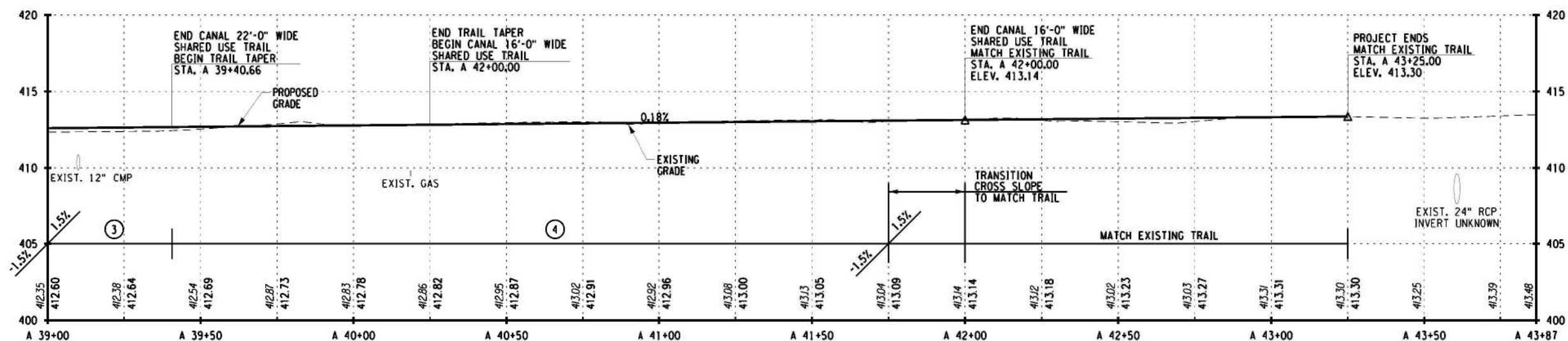
TAX NO. 306.20-1-3
OWNER: NYS DEPT. OF PUBLIC WORKS

ADJUST HATCHES AND
UTILITIES AS NECESSARY

WOOD SAFETY RAIL,
ITEM 607.43----12 (TYP.)

PLAN

0 10 20 FEET
SCALE



PROFILE



NOTES:

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2. SEE DWG. PL-1 (A) FOR LEGEND.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-6 (A)

LEGEND

REMOVE EXISTING TRAIL PAVEMENT,
ITEM 203.02

CHECKED BY:

DRAFTED BY: JLC

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

BEGIN EXISTING TRAIL
PAVEMENT REMOVAL (PAID
FOR UNDER ITEM 203.02)
STA. B 10+50.0,
6.0' LT.

CUTTING PAVEMENT,
ITEM 627.50140008

WOOD 4X4
NO MOTOR VEHICLES

CONCRETE BOAT RAMP

REMOVE EXISTING SIGNAGE (TYP)
(PAID FOR UNDER ITEM 203.02)

END EXISTING TRAIL
PAVEMENT REMOVAL
STA. B 11+21.0,
33.0' LT.

REMOVE EXISTING CONCRETE BARRIER (TYP)
(PAID FOR UNDER ITEM 203.02)

REMOVE EXISTING BOLLARD
AND GATE MATERIALS (TYP)
(PAID FOR UNDER ITEM 203.02)

GRAVEL/BROKEN ASPHALT

1' HIGH 4" BOLLARD

5' HIGH 4" DIA
METAL GATEPOST

5' HIGH 4" DIA
METAL GATEPOST

BRUSH

METAL POST ONLY

BRUSH

YELLOW
PIN FLAG
PREPARED

BRUSH

BRUSH

BRUSH

BRUSH

UTICA MARSH
WILDLIFE MANAGEMENT AREA

WOODEN SIGN
AND POST
UTICA MARSH
WILDLIFE MANAGEMENT AREA

MATCH LINE STA. B 18+50 SEE DWG. DP-2 (B)

GRID
NORTH

AFFIXED ON:
9/4/2025

SIGNATURE
STAMP:



0 10 20 FEET
SCALE

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"
LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY
TITLE OF DRAWING
DEMOLITION PLAN

CONTRACT NUMBER:
K25-10371942LK
DATE:
09/03/2025
DRAWING NUMBER:
DP-1 (B)

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

LEGEND



EXCAVATION FOR FULL DEPTH TRAIL
REPAIRS, ITEM 203.02



AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal, State of New York, License No. 072357]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE Canal Corporation

CMA

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING DEMOLITION PLAN	DRAWING NUMBER: DP-2 (B)

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

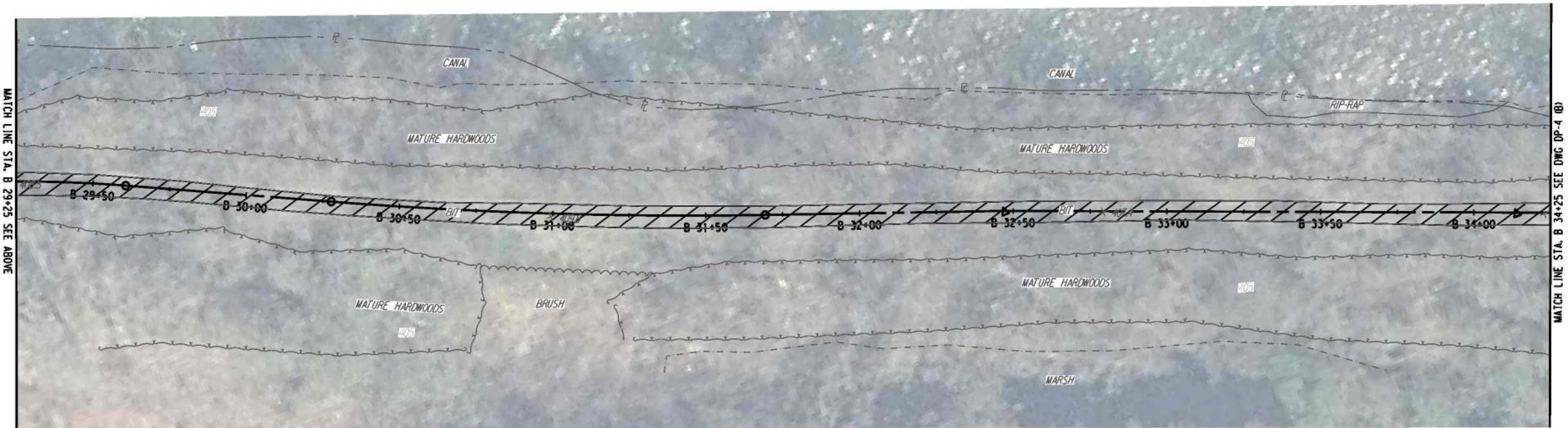
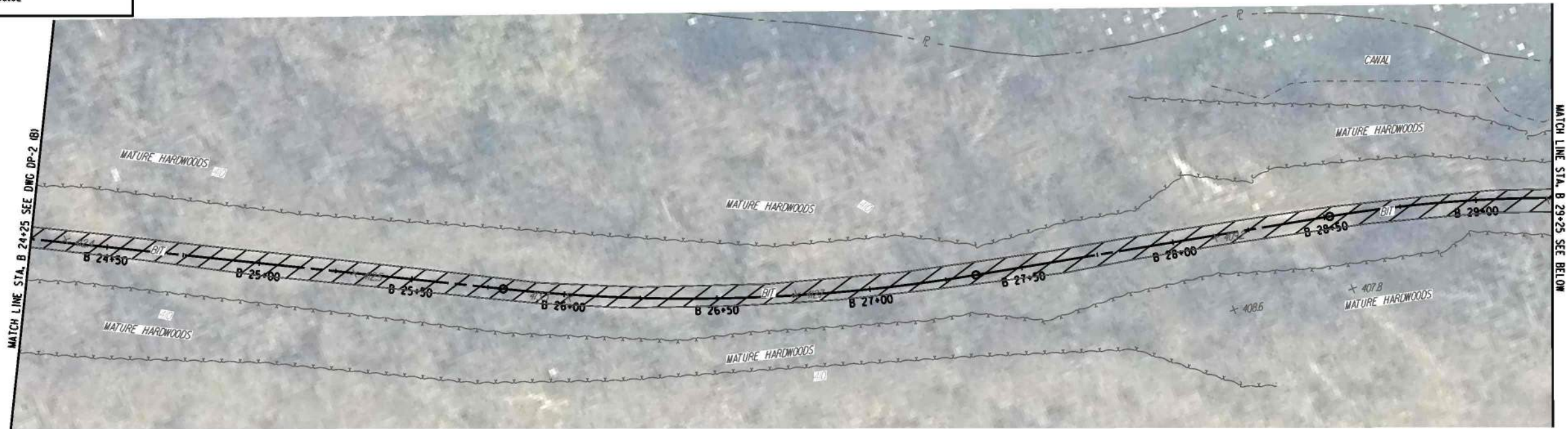
LEGEND



EXCAVATION FOR FULL DEPTH TRAIL
REPAIRS, ITEM 203.02

GRID
NORTH

40
69



AFFIXED ON:

9/4/2025

SIGNATURE:

STAMP:



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REVISIONS

DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"
LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY
TITLE OF DRAWING
DEMOLITION PLAN

CONTRACT NUMBER:
K25-10371942LK
DATE:
09/03/2025
DRAWING NUMBER:
DP-3 (B)

0 10 20 FEET
SCALE

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

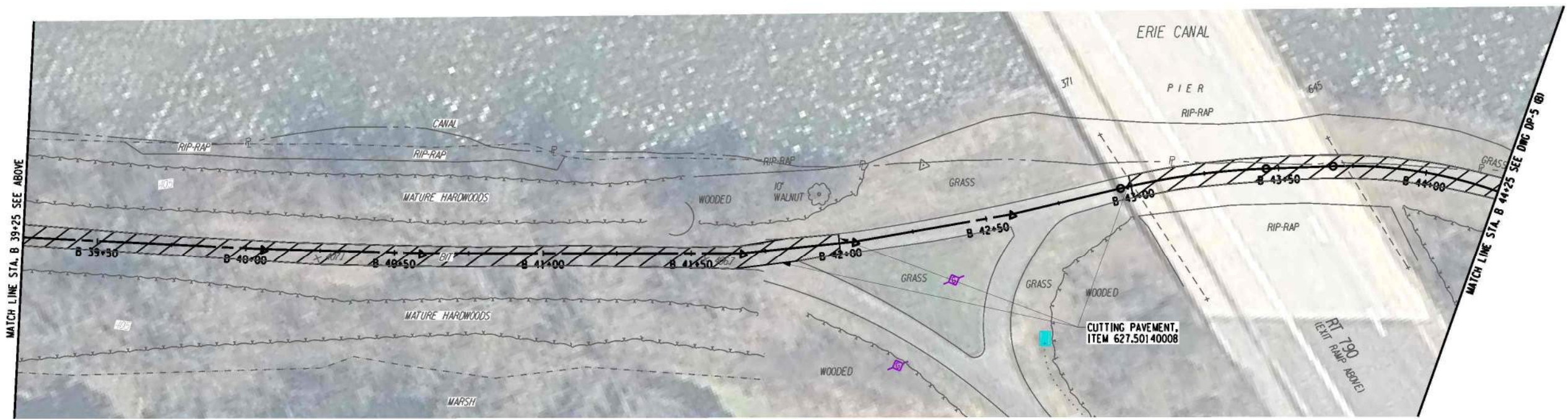
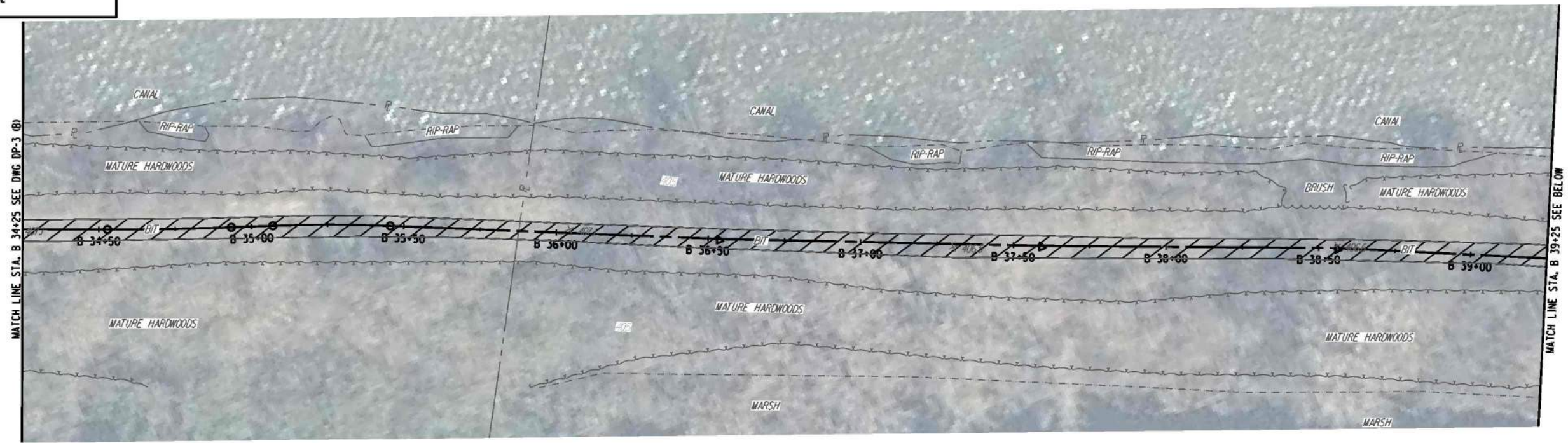
LEGEND



EXCAVATION FOR FULL DEPTH TRAIL
REPAIRS, ITEM 203.02

GRID
NORTH

41
69



AFFIXED ON:
9/4/2025

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.

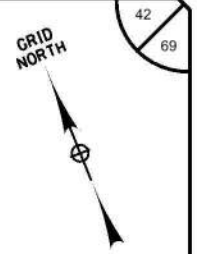


TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING DEMOLITION PLAN	DRAWING NUMBER: DP-4 (B)

0 10 20 FEET
SCALE

LEGEND

EXCAVATION FOR FULL DEPTH TRAIL REPAIRS, ITEM 203.02



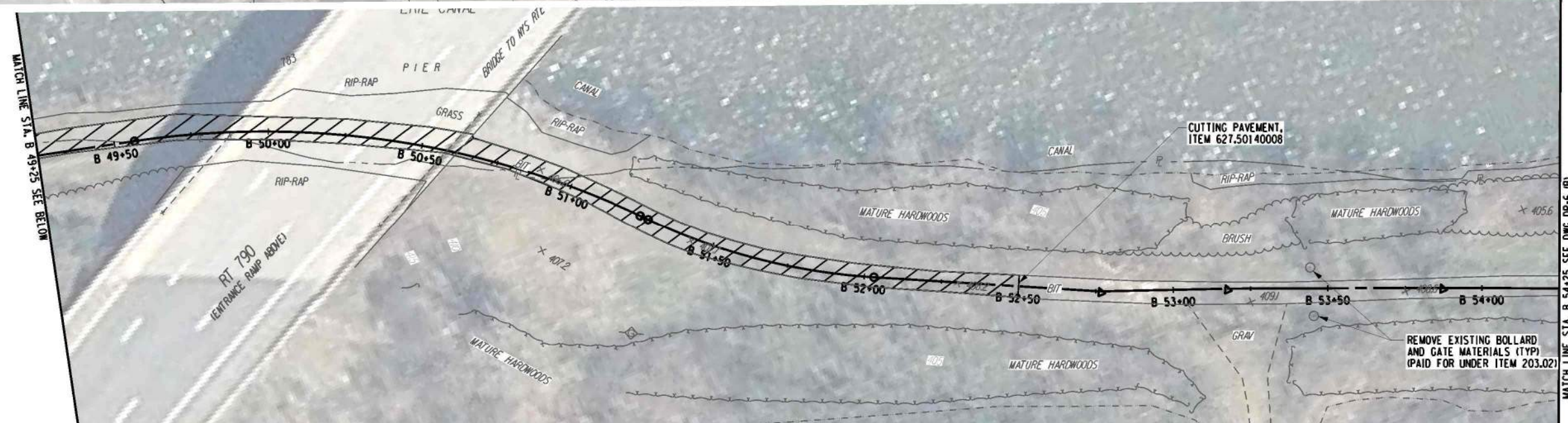
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DRAFTED BY:

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



AFFIXED ON:
9/4/2025

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 CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING DEMOLITION PLAN	DRAWING NUMBER: DP-5 (B)

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM

LEGEND



EXCAVATION FOR FULL DEPTH TRAIL
REPAIRS, ITEM 203.02

GRID
NORTH

43
69



AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"
LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY
TITLE OF DRAWING
DEMOLITION PLAN

CONTRACT NUMBER:
K25-10371942LK
DATE:
09/03/2025
DRAWING NUMBER:
DP-6 (B)

0 10 20 FEET
SCALE

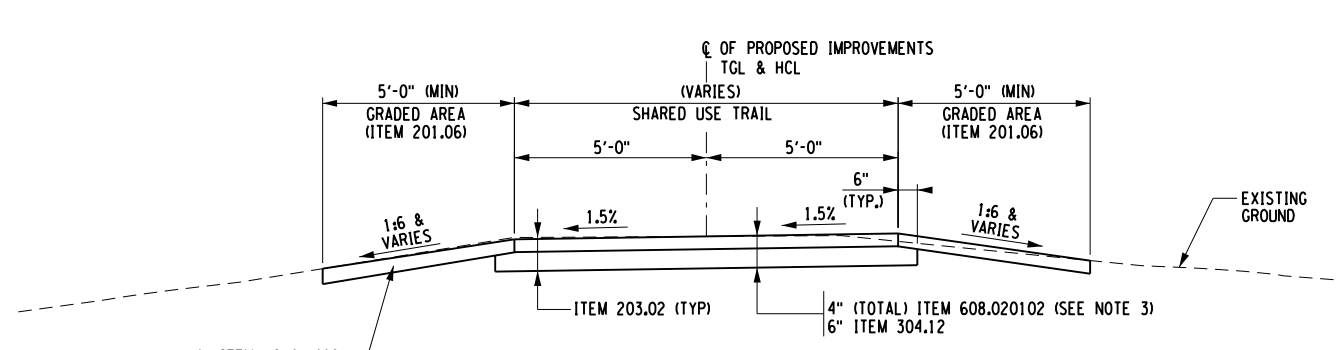
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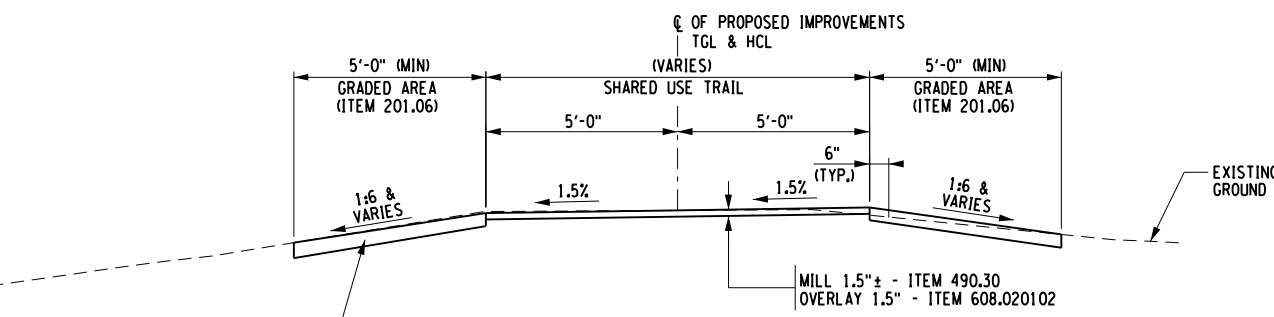
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DESIGN SUPERVISOR:



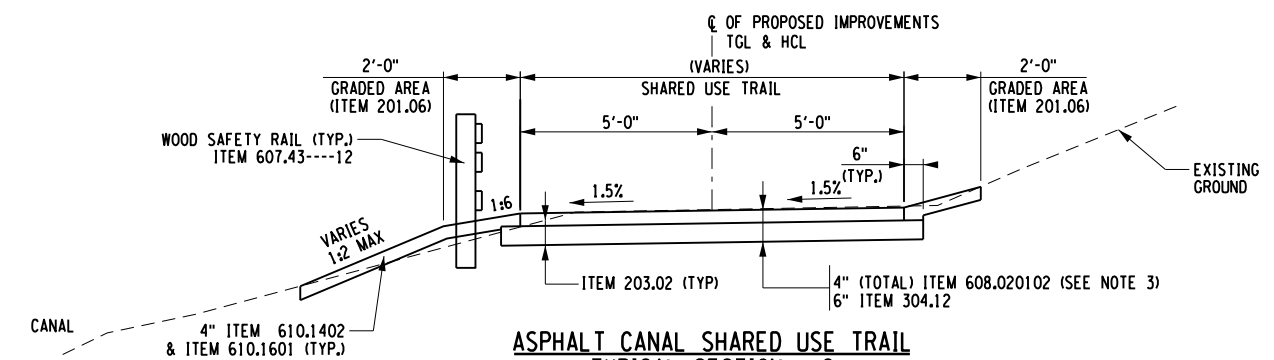
ASPHALT CANAL SHARED USE TRAIL
TYPICAL SECTION - 1A (FULL DEPTH)

N.T.S.
STA. B 19+25.00 TO STA. B 42+00.00
STA. B 43+36.00 TO STA. B 48+40.00
STA. B 49+35.00 TO STA. B 49+75.00
STA. B 50+75.00 TO STA. B 52+50.00
STA. B 56+00.00 TO STA. B 59+12.50



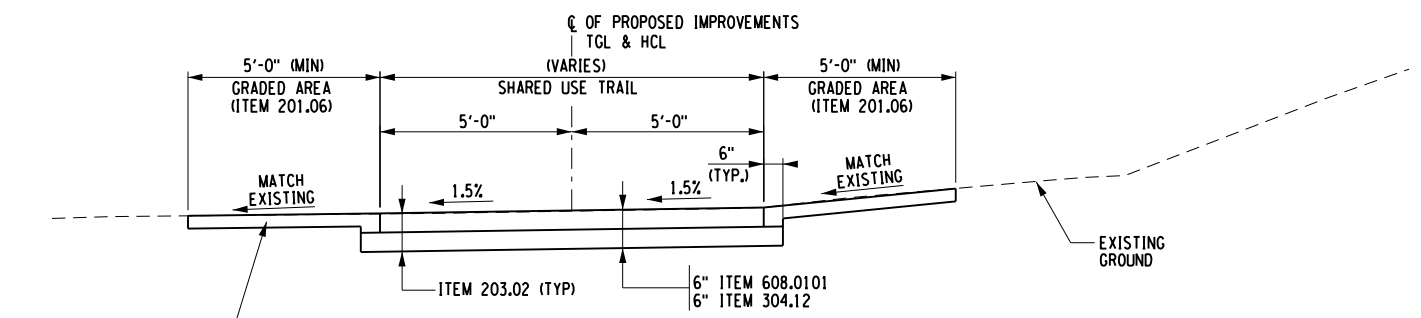
ASPHALT CANAL SHARED USE TRAIL
TYPICAL SECTION - 1B (MILL & OVERLAY)

N.T.S.
STA. B 42+00.00 TO STA. B 43+00.00
STA. B 52+50.00 TO STA. B 56+00.00



ASPHALT CANAL SHARED USE TRAIL
TYPICAL SECTION - 2

N.T.S.
STA. B 48+40.00 TO STA. B 49+35.00



CONCRETE CANAL SHARED USE TRAIL
TYPICAL SECTION - 3

N.T.S.
STA. B 43+00.00 TO STA. B 43+36.00
STA. B 49+75.00 TO STA. B 50+75.00

NOTES:

1. THE SLOPE OF THE GRADED SHOULDER BACKUP AREA ADJACENT TO THE PROPOSED USE TRAIL SHALL NOT BE STEEPER THAN 1 ON 6 SLOPE, OR BE LESS THAN 2.0%. THE DESIGN INTENTION IS TO MINIMIZE CUTS AND FILLS AND PROMOTE POSITIVE DRAINAGE.
2. MINOR REVISIONS TO THE SHARED-USE TRAIL HORIZONTAL AND VERTICAL ALIGNMENTS ARE PERMITTED (AS APPROVED BY THE ENGINEER). ANY REVISIONS MUST MEET 2012 AASHTO GUIDE FOR THE PLANNING, DESIGN, AND OPERATIONS OF BICYCLE FACILITIES, AND ALL CURRENT ADA GUIDELINES.
3. FULL DEPTH REPAIRS - THE ASPHALT SHALL BE PLACED IN TWO LIFTS: 1.5\"/>
4. THE GRADING LIMITS BEYOND THE 1:6 (2' TO 5') GRADED AREA SHALL HAVE A SLOPE OF 1:3 MAXIMUM WHERE FEASIBLE. IN CERTAIN AREAS, THE EXISTING TERRAIN WILL REQUIRE GRADES TO BE STEEPER THAN 1:3. THE MAXIMUM GRADE SHALL NOT EXCEED 1:1.5 OR A.O.B.E. IN THESE AREAS. THE DESIGN INTENTION IS TO MINIMIZE CUTS AND FILLS AND PROMOTE POSITIVE DRAINAGE. SEE CANALWAY CROSS SECTIONS FOR GRADING OUTSIDE THE SHOULDER AREA.
5. THE 1:6 GRADED AREA DISTANCE SHALL BE A MINIMUM OF 2 FEET IF THE FOLLOWING OCCURS:
 - SLOPE OF 1V:2H AND DROP IS LESS THAN 4 FEET
 - SLOPE OF 1V:3H AND DROP IS LESS THAN 6 FEET.IF THE DROP HEIGHTS ARE GREATER THAN THE ABOVE LISTED CRITERIA THE GRADED AREA DISTANCE MUST BE 5 FEET MINIMUM OR SAFETY RAIL MUST BE PLACED ALONG THE TRAIL. SEE TABLE ON DWG. MT-1 FOR LOCATIONS OF SAFETY RAIL.

TRAIL GRADED AREA IS A MINIMUM OF 2 FEET IN CUT SECTIONS.

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal for Luke J. MacKinnon, State of New York, License No. 072257]

ITEM	DESCRIPTION	UNIT
201.06	CLEARING AND GRUBBING	LS
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
304.12	SUBBASE COURSE, TYPE II	CY
607.43----12	WOOD SAFETY RAIL	CY
608.0101	CONCRETE SIDEWALK	LF
608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON
610.1402	TOPSOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE Canal Corporation

TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
TYPICAL SECTIONS

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
TS-1 (B)

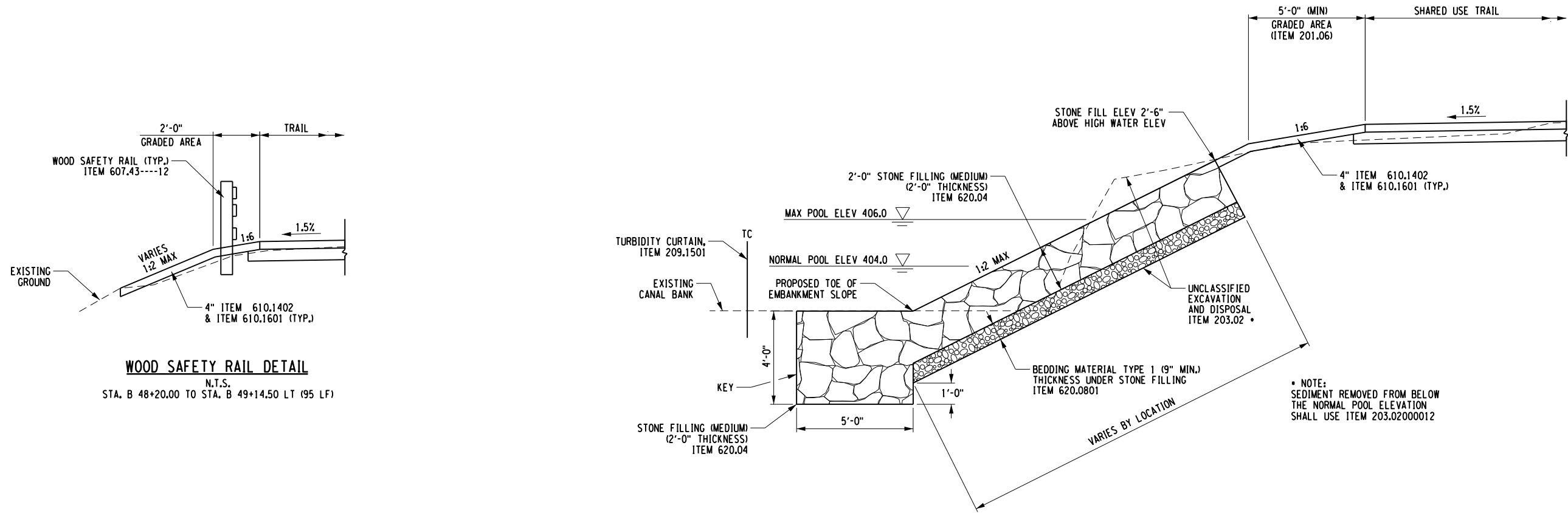
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



WOOD SAFETY RAIL DETAIL

N.T.S.
STA. B 48+20.00 TO STA. B 49+14.50 LT (95 LF)

BANK REPAIR SECTION

N.T.S.
STA. B 44+50.00 TO STA. B 46+25.00
STA. B 47+75.00 TO STA. B 49+75.00

NOTES:

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 3. FULL DEPTH REPAIRS - THE ASPHALT SHALL BE PLACED IN TWO 2" LIFTS: 1.5" OF 9.5 TOP COURSE AND 2.5" OF 12.5 BINDER COURSE. MILL AND FILL - THE ASPHALT SHALL BE PLACED IN ONE LIFT: 1.5" OF 9.5 TOP COURSE. ASPHALT SHALL BE PLACED IN ACCORDANCE WITH SECTION 608-2 OF THE NYS DOT STANDARD SPECIFICATIONS.
 4. THE GRADING LIMITS BEYOND THE 1:6 (2' TO 5') GRADED AREA SHALL HAVE A SLOPE OF 1:3 MAXIMUM WHERE FEASIBLE. IN CERTAIN AREAS, THE EXISTING TERRAIN WILL REQUIRE GRADES TO BE STEEPER THAN 1:3. THE MAXIMUM GRADE SHALL NOT EXCEED 1:1.5 OR A.O.B.E. IN THESE AREAS. THE DESIGN INTENTION IS TO MINIMIZE CUTS AND FILLS AND PROMOTE POSITIVE DRAINAGE. SEE CANALWAY CROSS SECTIONS FOR GRADING OUTSIDE THE SHOULDER AREA.
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AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

ITEM	DESCRIPTION	UNIT
201.06	CLEARING AND GRUBBING	LS
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
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608.0101	CONCRETE SIDEWALK	LF
608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON
610.1402	TOPSOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY
620.04	STONE FILLING, MEDIUM	CY
620.0801	BEDDING MATERIAL, TYPE 1	CY

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE Canal Corporation

TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

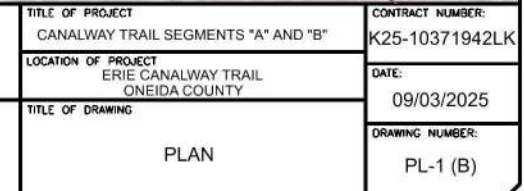
LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
TYPICAL SECTIONS

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
TS-2 (B)



DESIGN SUPERVISOR: LMM

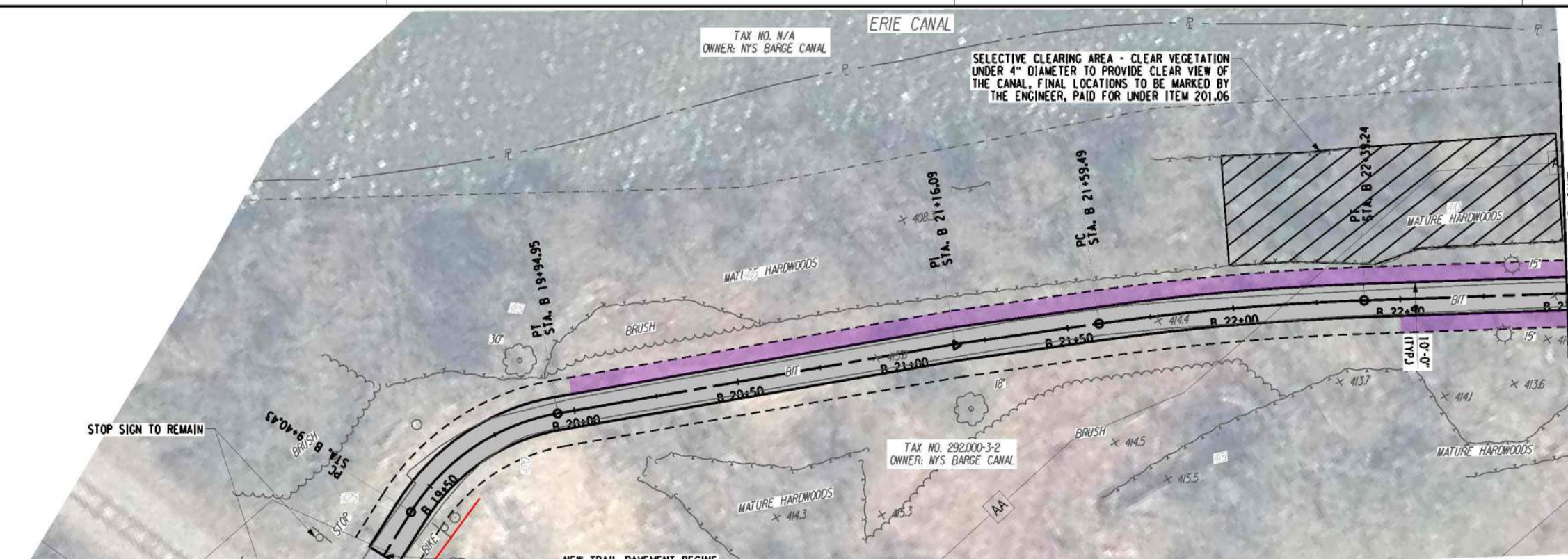
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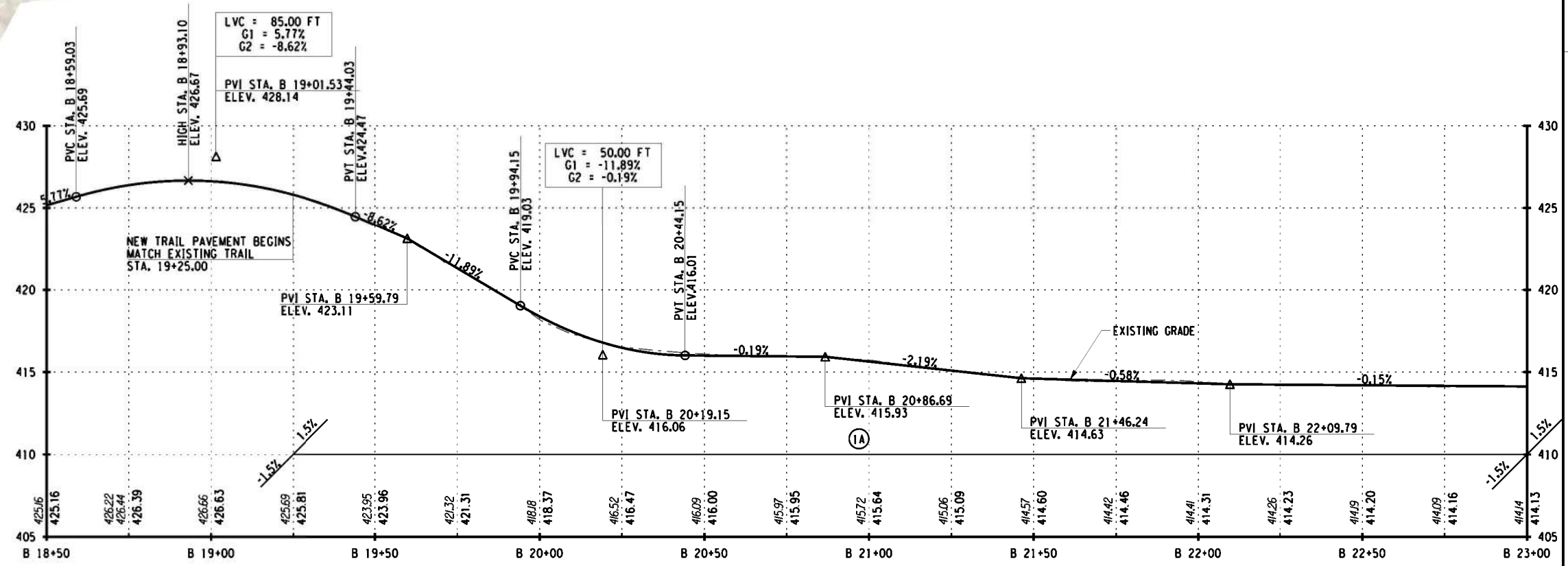
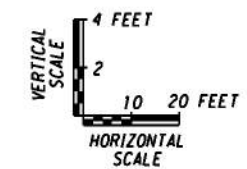
DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



PLAN

- NOTES:
1. THE CONTRACTOR SHALL BE AWARE THAT PORTIONS OF THE PROJECT AREA ARE WITHIN THE 100-FOOT REGULATED ADJACENT AREAS FOR NY STATE WETLANDS.
 2. SEE DWG. PL-1 (B) FOR LEGEND.



PROFILE

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE Canal Corporation

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-2 (B)

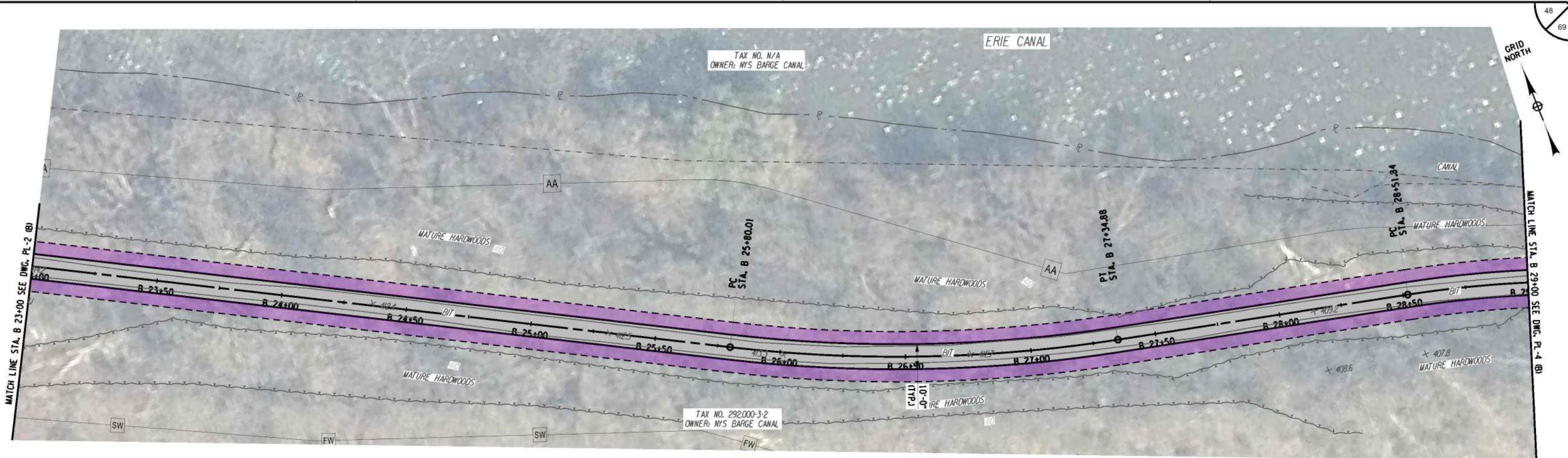
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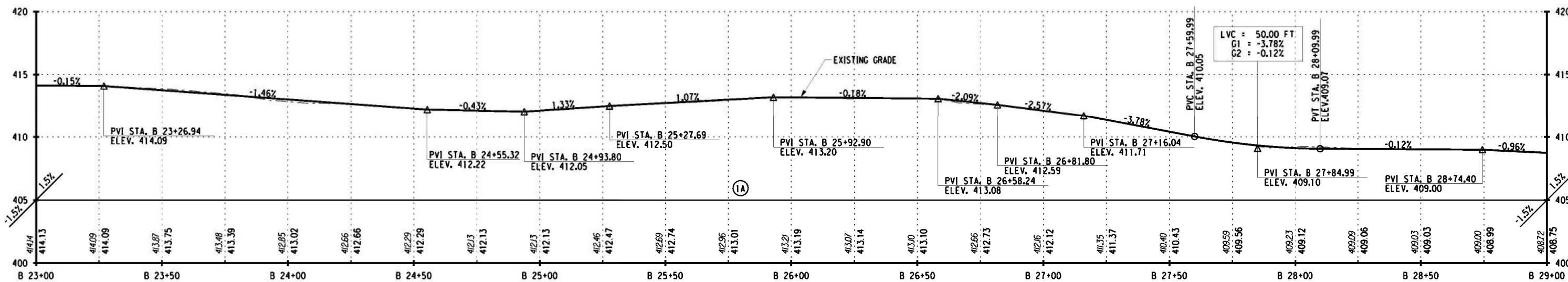
CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



PLAN

0 10 20 FEET
SCALE

PROFILE

4 FEET
2
10 20 FEET
HORIZONTAL
SCALE

NOTES:

1. THE CONTRACTOR SHALL BE AWARE THAT PORTIONS OF THE PROJECT AREA ARE WITHIN THE 100-FOOT REGULATED ADJACENT AREAS FOR NY STATE WETLANDS.
2. SEE DWG. PL-1 (B) FOR LEGEND.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-3 (B)

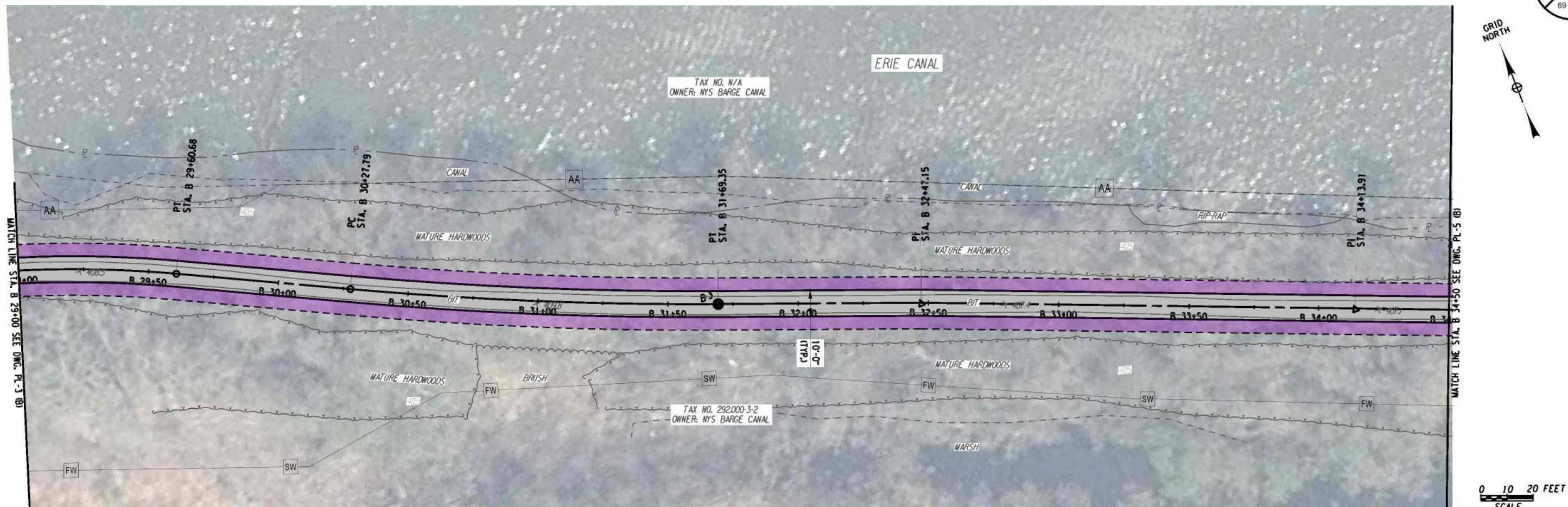
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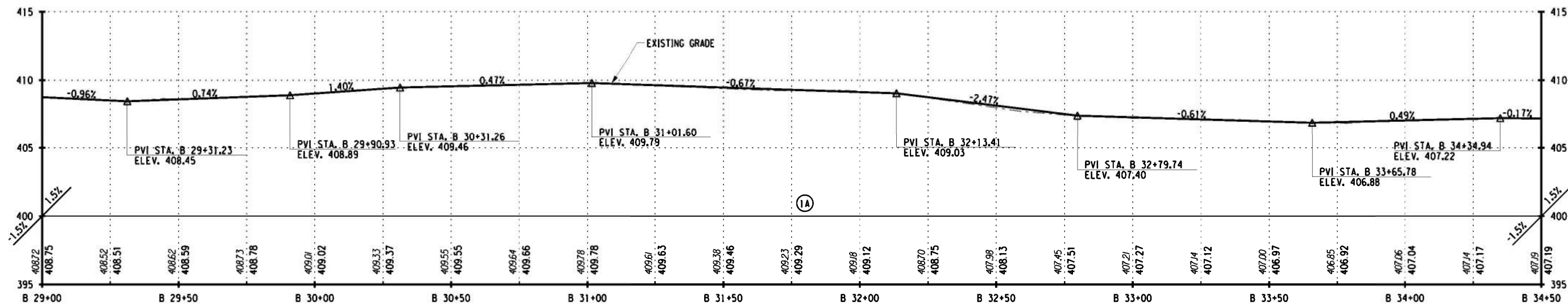
CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



PLAN



PROFILE

NOTES:

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2. SEE DWG. PL-1 (B) FOR LEGEND.



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-4 (B)

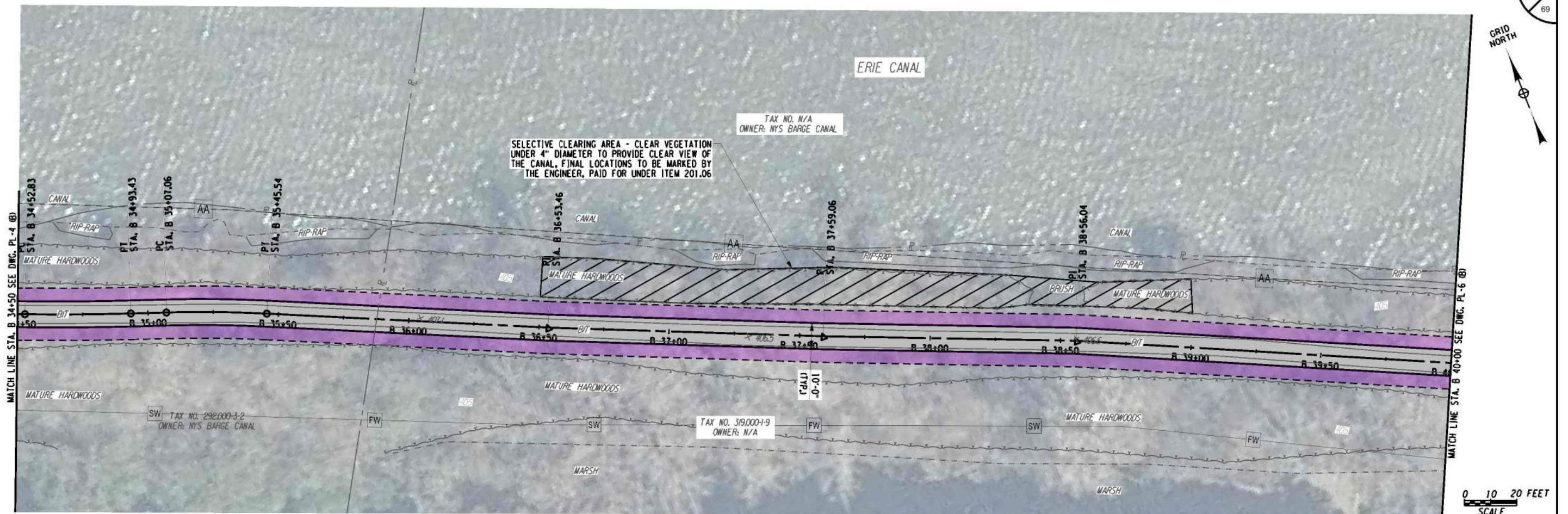
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DRAFTED BY: JLC

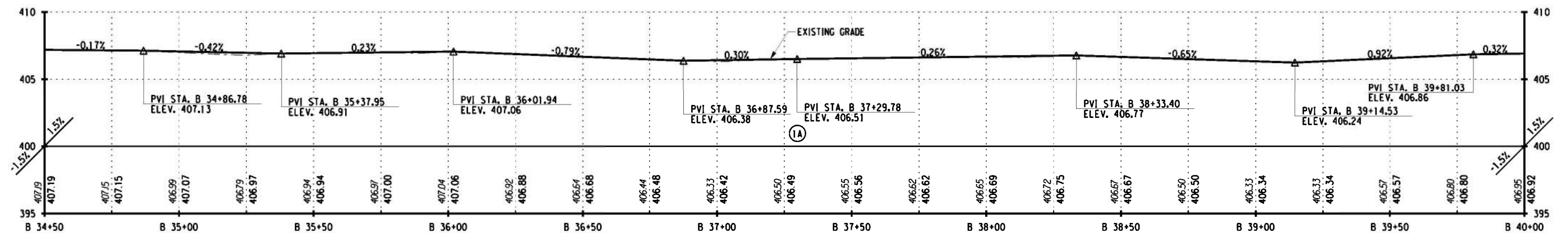
CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



PLAN



PROFILE

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-5 (B)

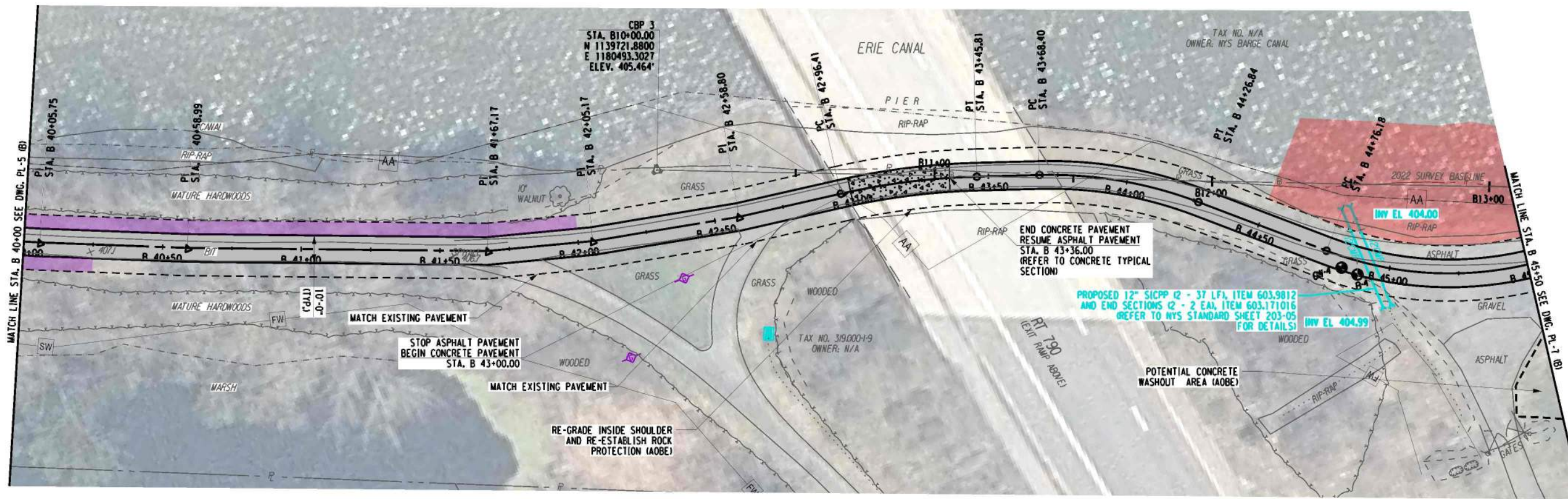
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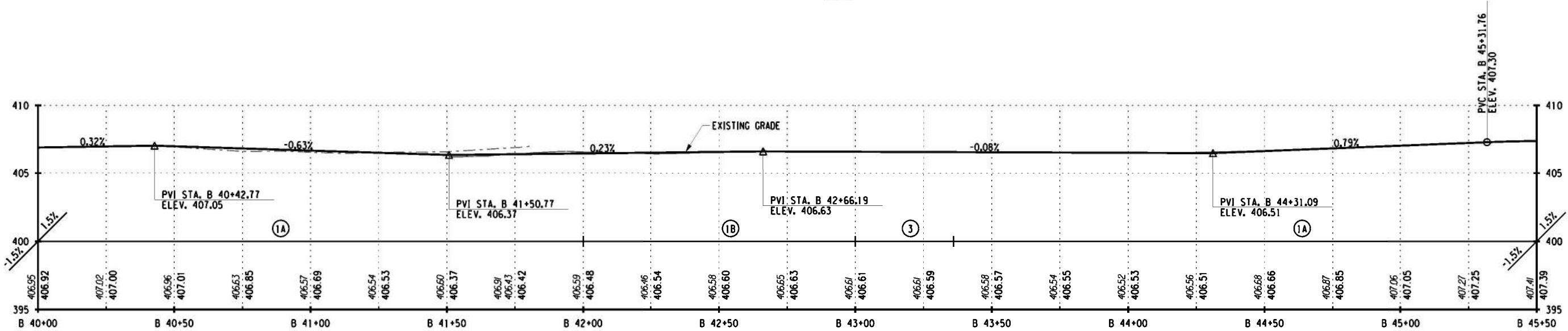
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DESIGNED BY: JLC

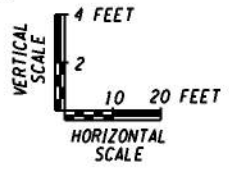
DESIGN SUPERVISOR: LMM



PLAN



PROFILE



NOTES:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-6 (B)

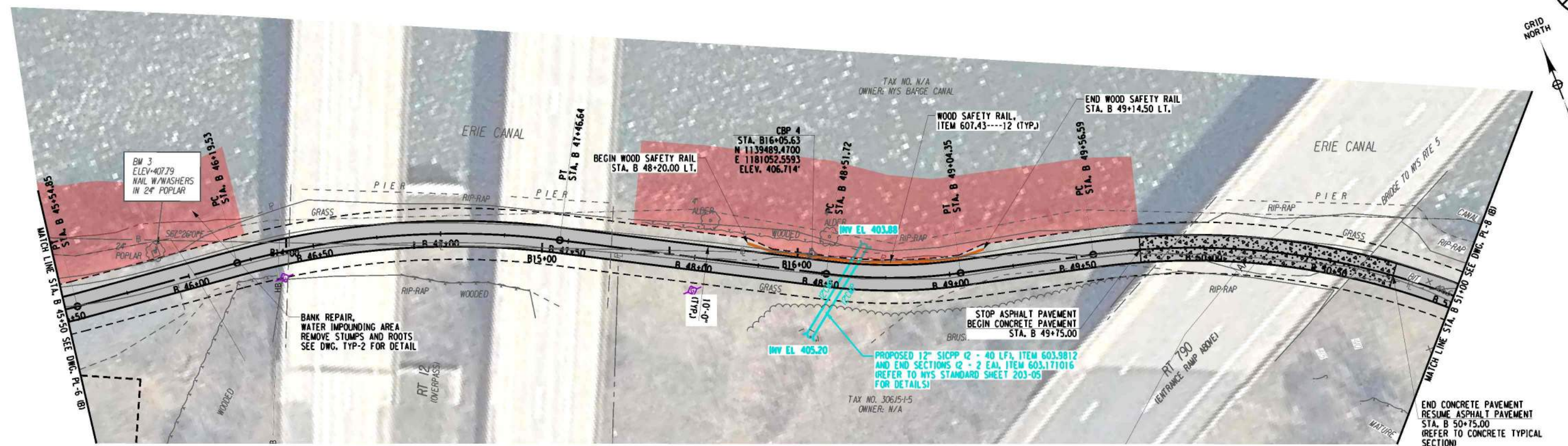
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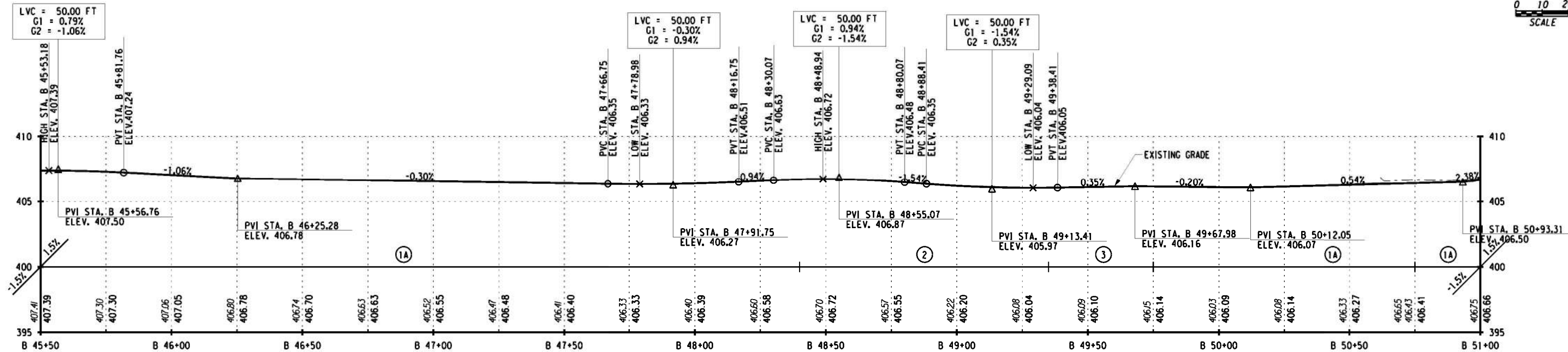
CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



PLAN



PROFILE

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1. THE CONTRACTOR SHALL BE AWARE THAT PORTIONS OF THE PROJECT AREA ARE WITHIN THE 100-FOOT REGULATED ADJACENT AREAS FOR NY STATE WETLANDS.
2. SEE DWG. PL-1 (B) FOR LEGEND.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-7 (B)

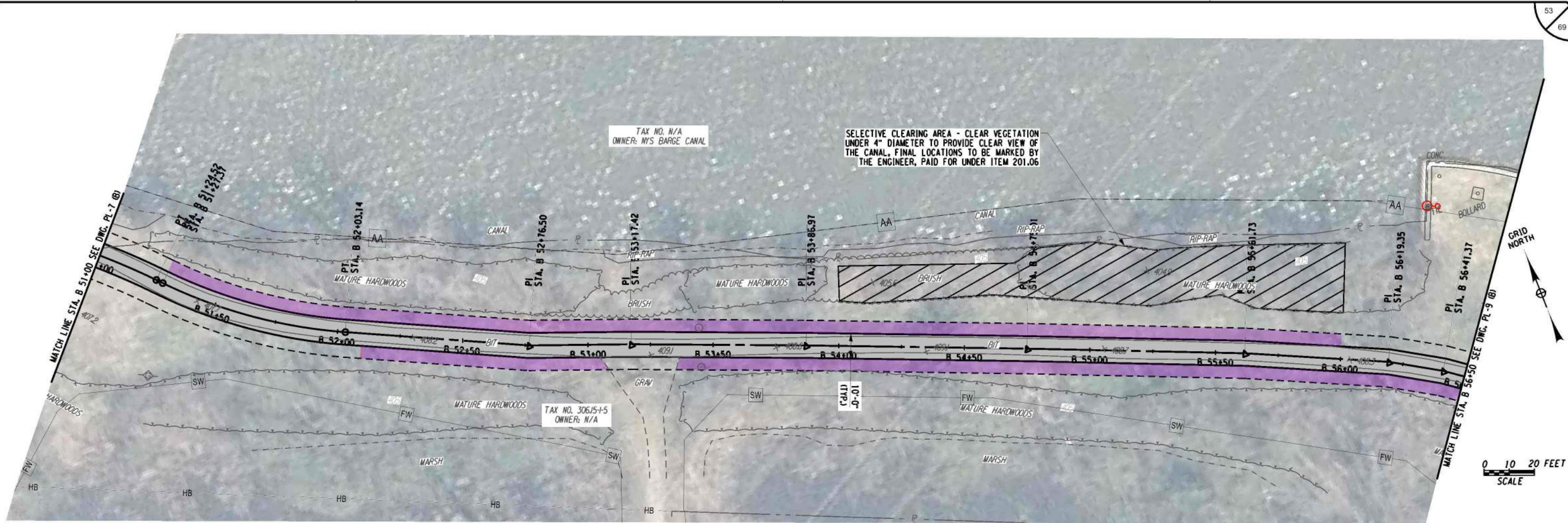
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DRAFTED BY: JLC

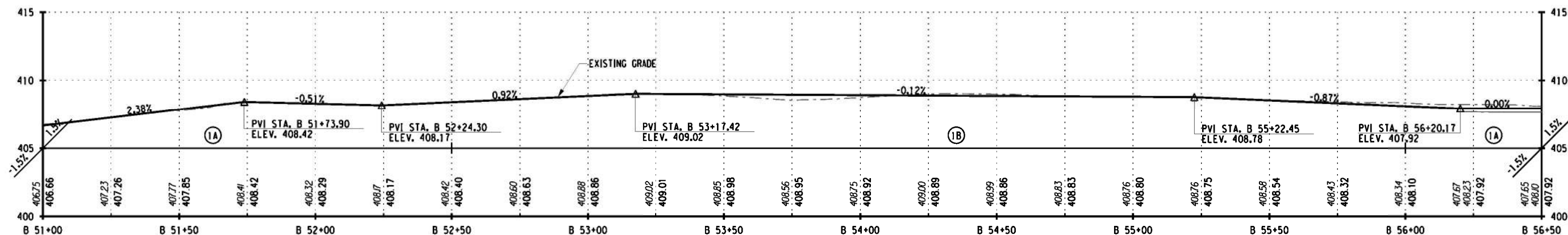
CHECKED BY:

DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



PLAN



PROFILE

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

- NOTES:
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-8 (B)

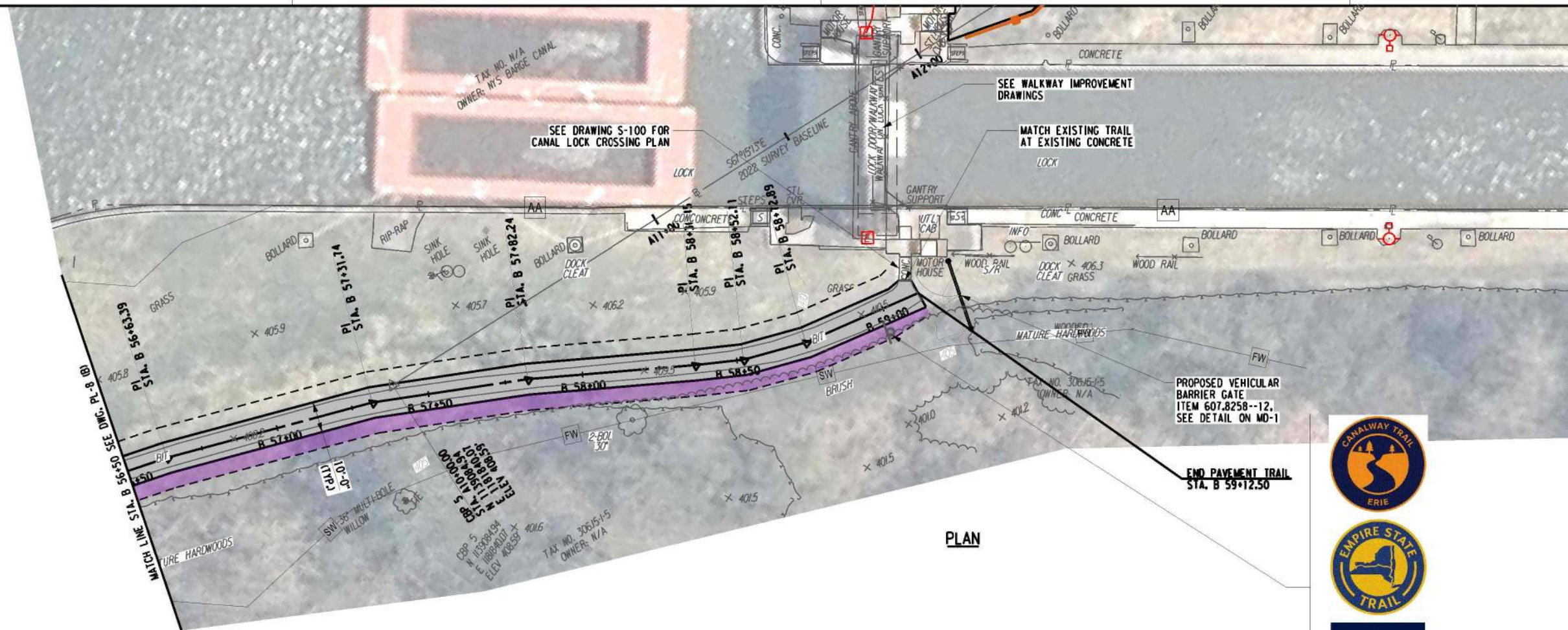
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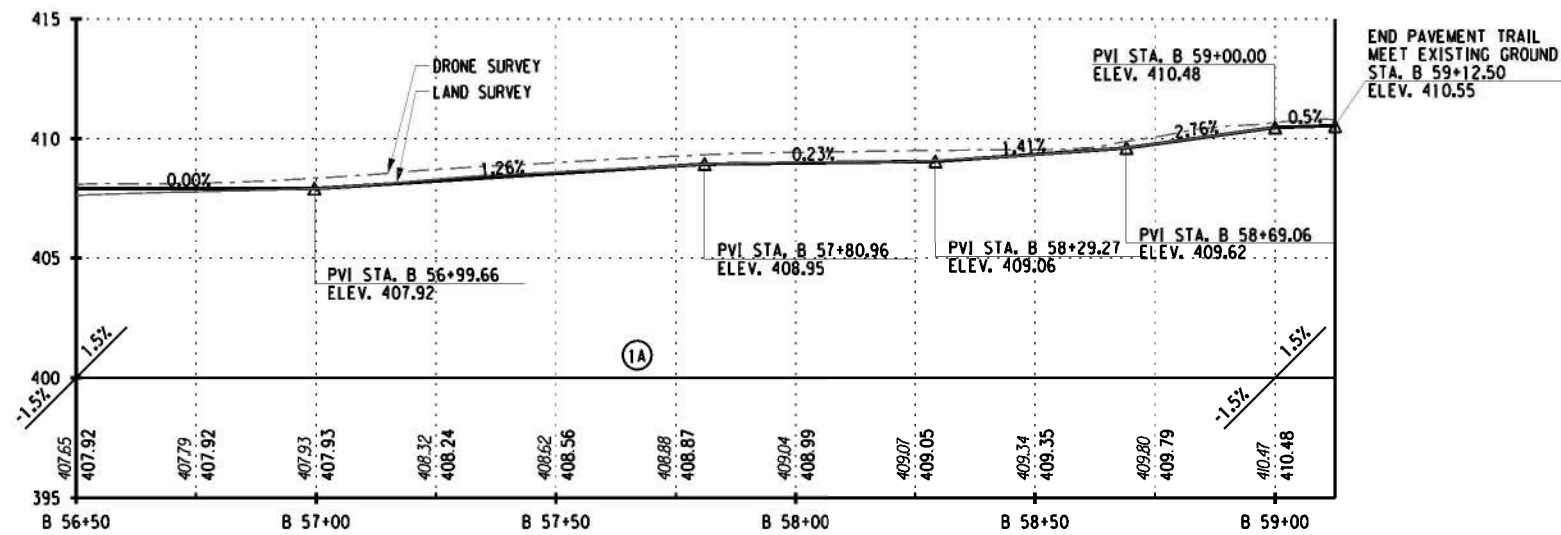
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DESIGNED BY: JLC

DESIGN SUPERVISOR: LMM



PLAN



PROFILE

NOTES:

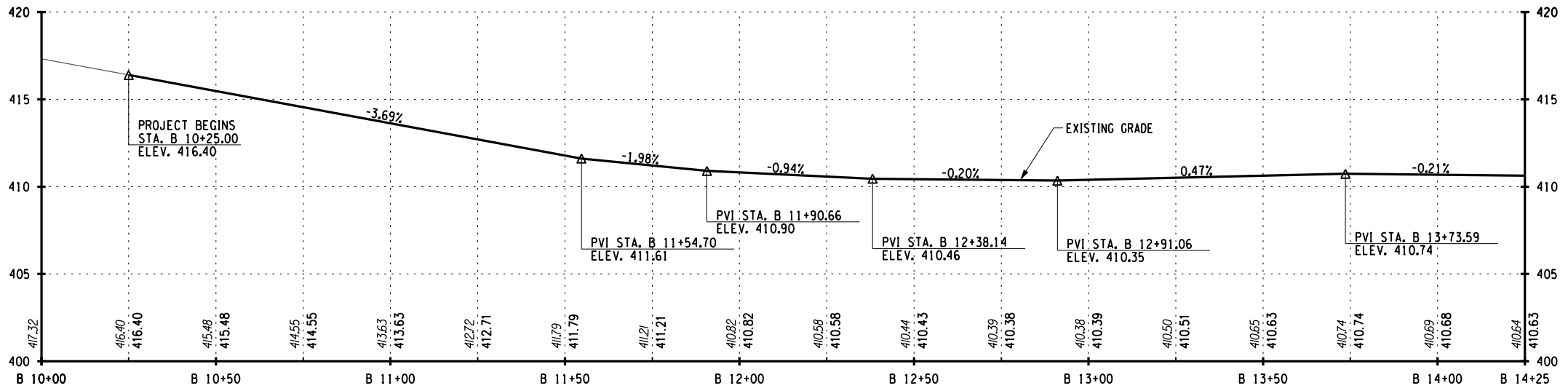
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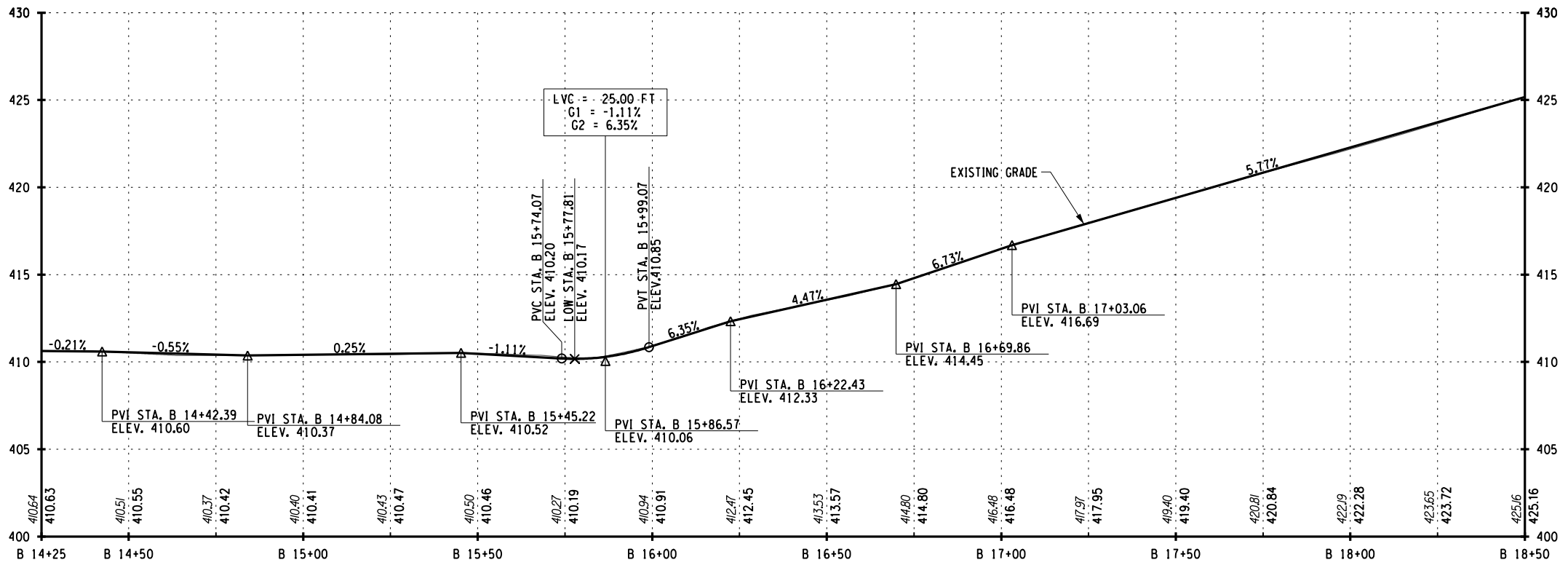
REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PLAN AND PROFILE	DRAWING NUMBER: PL-9 (B)



PROFILE



PROFILE

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

DESIGN SUPERVISOR: [Signature]

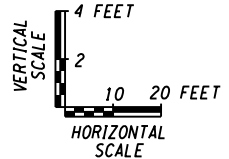
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE Canal Corporation

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING PROFILE	DRAWING NUMBER: PR-1 (B)



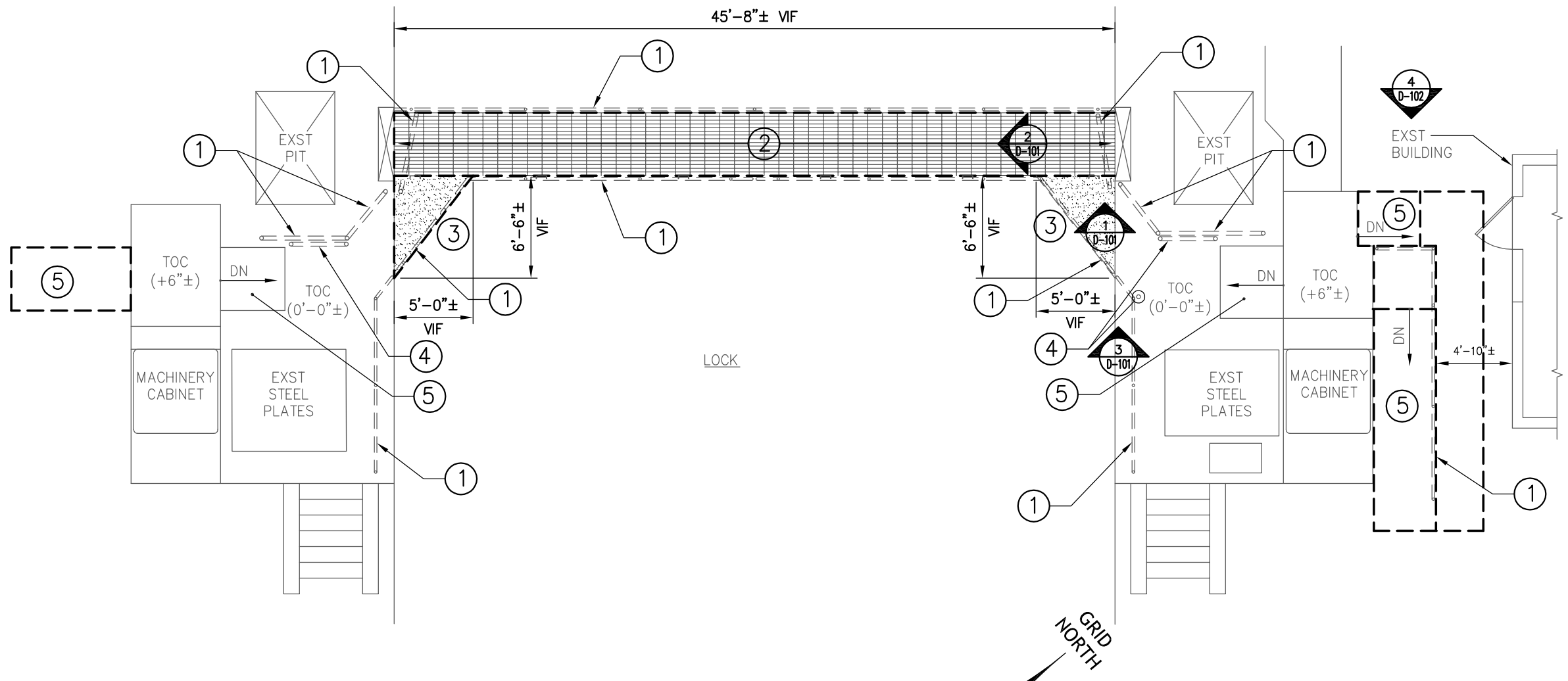
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CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



- KEY NOTES - REMOVALS**
- ① REMOVE GUARD RAIL
 - ② REMOVE GRATING AND ASSOCIATED FRAMING OVER LOCK GATE
 - ③ REMOVE CHECKER PLATE AND ASSOCIATED FRAMING
 - ④ REMOVE GATE
 - ⑤ REMOVE CONCRETE SIDEWALK AND RAMP AS REQUIRED FOR NEW SIDEWALK AND RAMP, SEE PLAN.

1 CROSSOVER PATH REMOVALS PLAN

1/8" = 1'-0"

- NOTE:**
- 1. CONCRETE REMOVALS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER NYSDOT ITEM 580.01.
 - 2. STRUCTURAL STEEL REMOVALS ON THIS SHEET SHALL BE PAID FOR UNDER NYSDOT ITEM 589.010001.

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal, State of New York, License No. 072257]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.
03/19/25	PROGRESS PRINT		



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING CROSSOVER PATH REMOVALS PLAN	DRAWING NUMBER: D-100

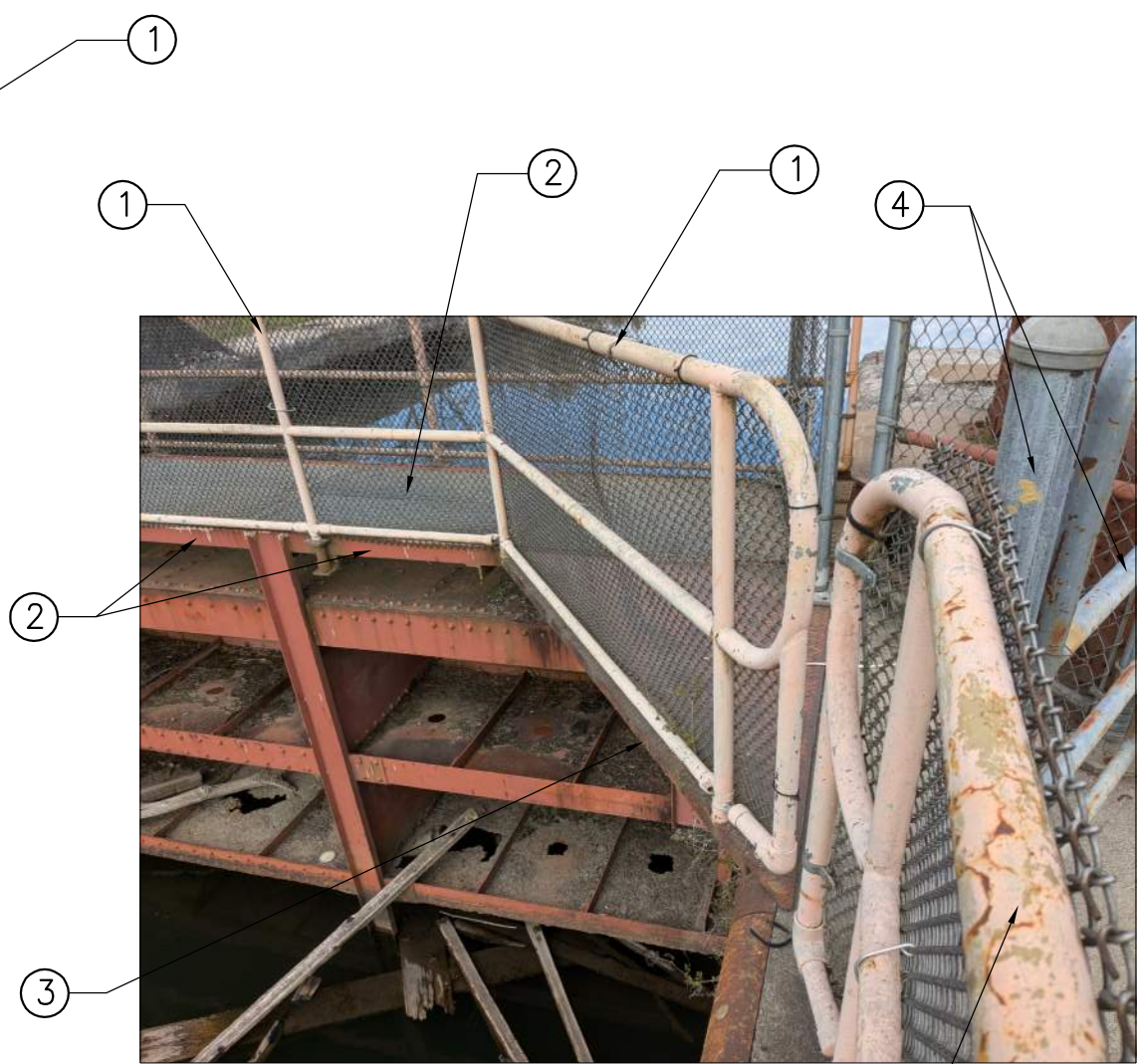
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



1 PHOTO – EXST CABLES
REFER TO "KEY NOTES – REMOVALS" ON DRAWING D-100

2 PHOTO – EXST GRATING
REFER TO "KEY NOTES – REMOVALS" ON DRAWING D-100

3 PHOTO – EXST RAILING
REFER TO "KEY NOTES – REMOVALS" ON DRAWING D-100

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal for Luke A. MacKinnon, State of New York, No. 072257]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING EXISTING CONDITION - PHOTOGRAPHS	DRAWING NUMBER: D-101

FILE NAME = SFILES
DATE/TIME = 04/05/2025 10:00
USER = SNTUSERS



4 PHOTO – EXISTING RAMP & RAIL

REFER TO "KEY NOTES – REMOVALS" ON DRAWING D-100

AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
EXISTING CONDITION - PHOTOGRAPHS

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
D-102

DESIGNED BY: _____
CHECKED BY: _____
DRAFTED BY: _____
CHECKED BY: _____
FILE NAME = SRLES
DATE/TIME = 04/09/2025 10:00
USER = SNTUSERS
DESIGN SUPERVISOR: _____

DESIGN CRITERIA

DESIGN LOADS ARE BASED ON THE 2020 BUILDING CODE OF NEW YORK STATE.

DEAD LOAD
GRATING: 16 PSF

LIVE LOAD
GUARDRAIL 200 LB 50 PLF
PEDESTRIAN LIVE LOAD: 90 PSF
THE CROSSOVER PATH IS NOT RATED FOR VEHICLE LOADS.

RISK CATEGORY II

SNOW LOAD
GROUND SNOW LOAD: 60 PSF

WIND DESIGN DATA
BASIC WIND SPEED, V: 109 MPH
WIND EXPOSURE CATEGORY: C

EARTHQUAKE DESIGN DATA
SEISMIC IMPORTANCE FACTOR: 1.0
MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS:
Ss = 0.180
S1 = 0.058

SITE CLASS: D (DEFAULT)
DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS:
Sds = 0.19
Sd1 = 0.09

SEISMIC DESIGN CATEGORY: B
STORY SHEAR INCREASE WITH PROPOSED ALTERATIONS ARE LESS THAN 10.0% AND NO ALTERATIONS ARE PROPOSED TO REDUCE LATERAL LOAD-CARRYING STRUCTURAL ELEMENTS CAPACITIES. THEREFORE, LATERAL LOAD-CARRYING STRUCTURAL ELEMENTS ARE PERMITTED TO REMAIN UNALTERED PER 2020 EXISTING BUILDING CODE OF NEW YORK STATE.

FLOOD HAZARD INFORMATION
THIS STRUCTURE IS NOT DESIGNED FOR FLOOD LOADS.

STEEL FRAMING NOTES:

1. DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL FRAMING IN ACCORDANCE WITH THE AISC STEEL CONSTRUCTION MANUAL AND ANSI/AISC 360, SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, APPLICABLE EDITIONS.
2. CONFORM TO AWS D1.1, STRUCTURAL WELDING CODE-STEEL, APPLICABLE EDITION FOR ALL WELDED CONNECTIONS.
3. STRUCTURAL STEEL ANGLES, PLATES, ETC. SHALL CONFORM TO ASTM A36 REQUIREMENTS (FY = 36 KSI). STRUCTURAL STEEL C SHAPES SHALL CONFORM TO ASTM A992 (FY = 50 KSI). STRUCTURAL TUBING AND PIPES SHALL CONFORM TO THE ASTM A500 GRADE B REQUIREMENTS (FY = 46 KSI).
4. APPLY ZINC COATING BY THE HOT-DIP PROCESS TO ALL STRUCTURAL STEEL ACCORDING TO ASTM A123.
5. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. CONNECTIONS:
A. USE WELDED SHOP CONNECTIONS AND BOLTED FIELD CONNECTIONS.
B. ALL BOLTED CONNECTIONS ARE TO BE 3/4" MINIMUM DIAMETER ASTM F3125 GRADE A325 TYPE N BOLTS IN STANDARD HOLES, ASTM A563 HEAVY-HEX NUTS, AND ASTM F436 WASHERS, UNLESS NOTED OR DETAILED OTHERWISE. ALL HARDWARE SHALL BE ZINC COATED BY THE HOT-DIP PROCESS ACCORDING TO ASTM A153.
C. ALL BOLTED CONNECTIONS ARE BEARING CONNECTIONS, TIGHTENED TO THE SNUG-TIGHT CONDITION AS DEFINED BY AISC, UNLESS NOTED OR DETAILED OTHERWISE.
D. HOLES FOR SHOP AND FIELD CONNECTIONS SHALL BE DRILLED OR PUNCHED. NO BURNT HOLES WILL BE ALLOWED.
7. GUARD RAIL POST, RAIL, AND INFILL ASSEMBLIES SHALL BE FABRICATED TO THE TOLERANCES OF AISC 303 SECTION 10 - ARCHITECTURALLY EXPOSED STRUCTURAL STEEL, CATEGORY AESS 1.

POST-INSTALLED ANCHOR NOTES:

1. INJECTABLE ADHESIVE BASIS OF DESIGN: HILTI HIT-RE 500 V3.
A. ADHESIVE SHALL HAVE AN ICC EVALUATION SERVICE REPORT (ESR) WITH APPROVAL FOR THE TYPE OF INSTALLATION. SUBMIT ESR TO OWNER FOR RECORD.
2. ANCHORS:
A. RODS: HILTI HAS-R RODS, STAINLESS STEEL TYPE 304, WITH WASHER AND NUT.
3. ANCHOR DIAMETER, MINIMUM EMBEDMENT, MINIMUM SPACING, AND MINIMUM EDGE DISTANCE AS SHOWN ON DRAWINGS.
4. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.

INFILL PANELS:

1. 4"x4" WOVEN MESH, 0.19" DIA TYPE 316 STAINLESS STEEL WIRE, WITH BANDING FRAME AND BOLTED TO GUARD RAIL POST.

STEEL GRATING NOTES:

1. STANDARD: METAL BAR GRATING MANUAL, ANSI/NAAMM MBG 531.
2. MATERIALS:
A. BARS - ASTM A1011 GRADE 36
B. WIRE ROD - ASTM A510
3. ALL GRATING:
A. BEARING BARS - 2-1/4" X 3/16" SPACED 1-3/16" OC (19-W-4).
B. CROSS BARS - TWISTED WIRE ROD OR SQUARE BARS SPACED 4" OC.
C. SURFACE - PLAIN (NON-SERRATED).
D. BANDING - MATCH BEARING BAR SIZE.
E. FINISH - HOT-DIPPED GALVANIZED PER ASTM A123.
4. FASTEN ALL GRATING TO SUPPORT FRAMING WITH GRATING CLIPS: ONE CLIP IN EACH CORNER OF EACH PANEL AND 4'-0" OC MAXIMUM. CLIP FASTENERS SHALL BE STAINLESS STEEL.

AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:


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DATE	DESCRIPTION	BY	SYM.





TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING CROSSOVER PATH GENERAL NOTES	DRAWING NUMBER: S-002

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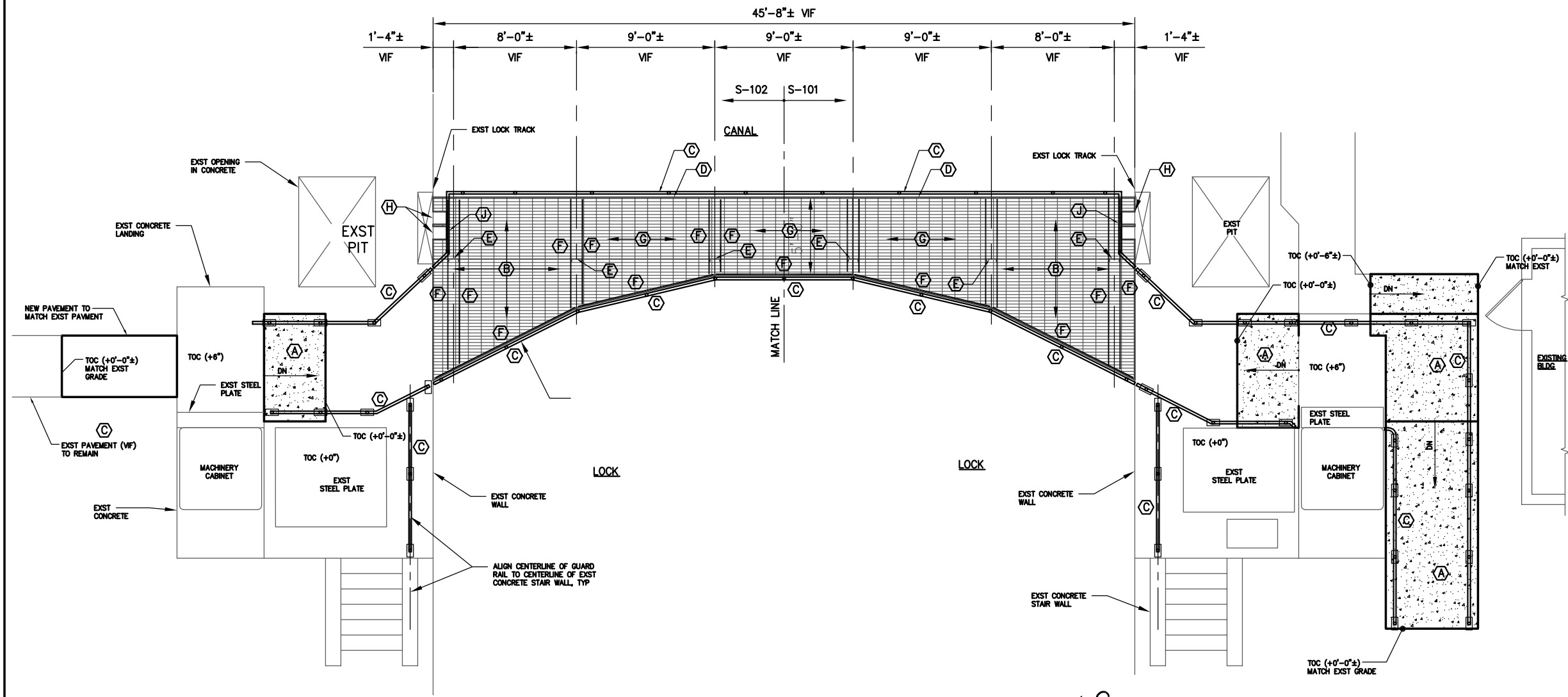
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DESIGNED BY:

DESIGN SUPERVISOR:

FILE NAME = SFILES
DATE/TIME = 04/03/2025 10:00
USER = SNTUSERS



KEY NOTES - NEW WORK

- (A) CONCRETE RAMP
- (B) CROSSOVER PATH FRAMING & GRATING
- (C) GUARD RAIL (2" DIA)
- (D) EXST 3/8" THICK SKIN PLATE
- (E) EXST C8, VERT
- (F) C12x20.7 (-2 1/4")
- (G) GRATING SPAN DIRECTION INDICATED BY:
- (H) NOTCH GRATING AT EXISTING CABLES TO MATCH EXISTING
- (J) GUARD RAIL POST THROUGH GRATING TO TOP OF C12

1 OVERALL CANAL LOCK CROSSING PLAN - PROPOSED

1/8" = 1'-0"

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE
Canal Corporation

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TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING OVERALL CANAL LOCK CROSSING PLAN	DRAWING NUMBER: S-100

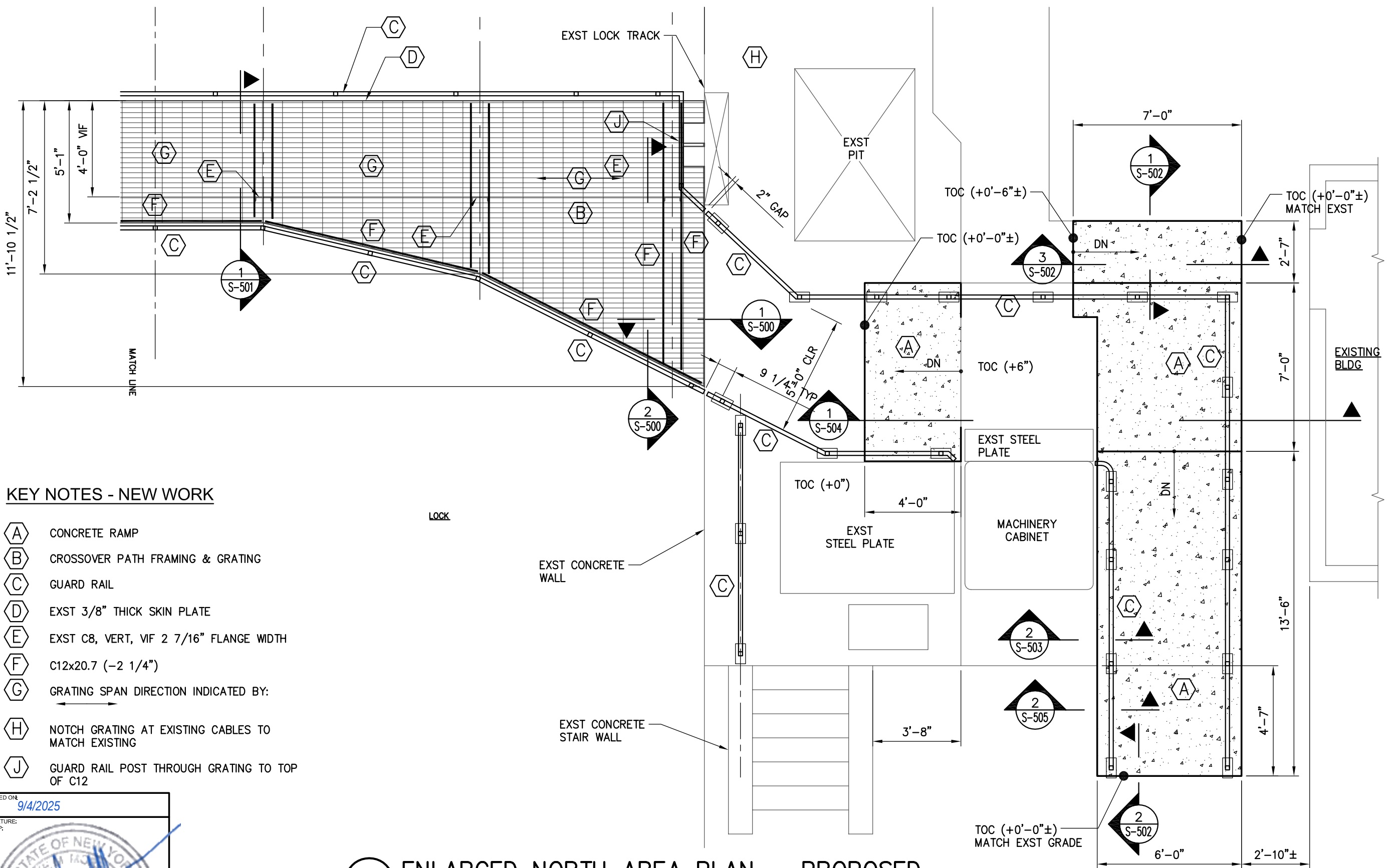
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CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



KEY NOTES - NEW WORK

- A CONCRETE RAMP
- B CROSSOVER PATH FRAMING & GRATING
- C GUARD RAIL
- D EXST 3/8" THICK SKIN PLATE
- E EXST C8, VERT, VIF 2 7/16" FLANGE WIDTH
- F C12x20.7 (-2 1/4")
- G GRATING SPAN DIRECTION INDICATED BY:
→
- H NOTCH GRATING AT EXISTING CABLES TO MATCH EXISTING
- J GUARD RAIL POST THROUGH GRATING TO TOP OF C12

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal for Luke A. MacKinnon, State of New York, License No. 072257]

1 ENLARGED NORTH AREA PLAN - PROPOSED
1/4" = 1'-0"

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LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING ENLARGED NORTH AREA PLAN - NEW WORK	DRAWING NUMBER: S-101

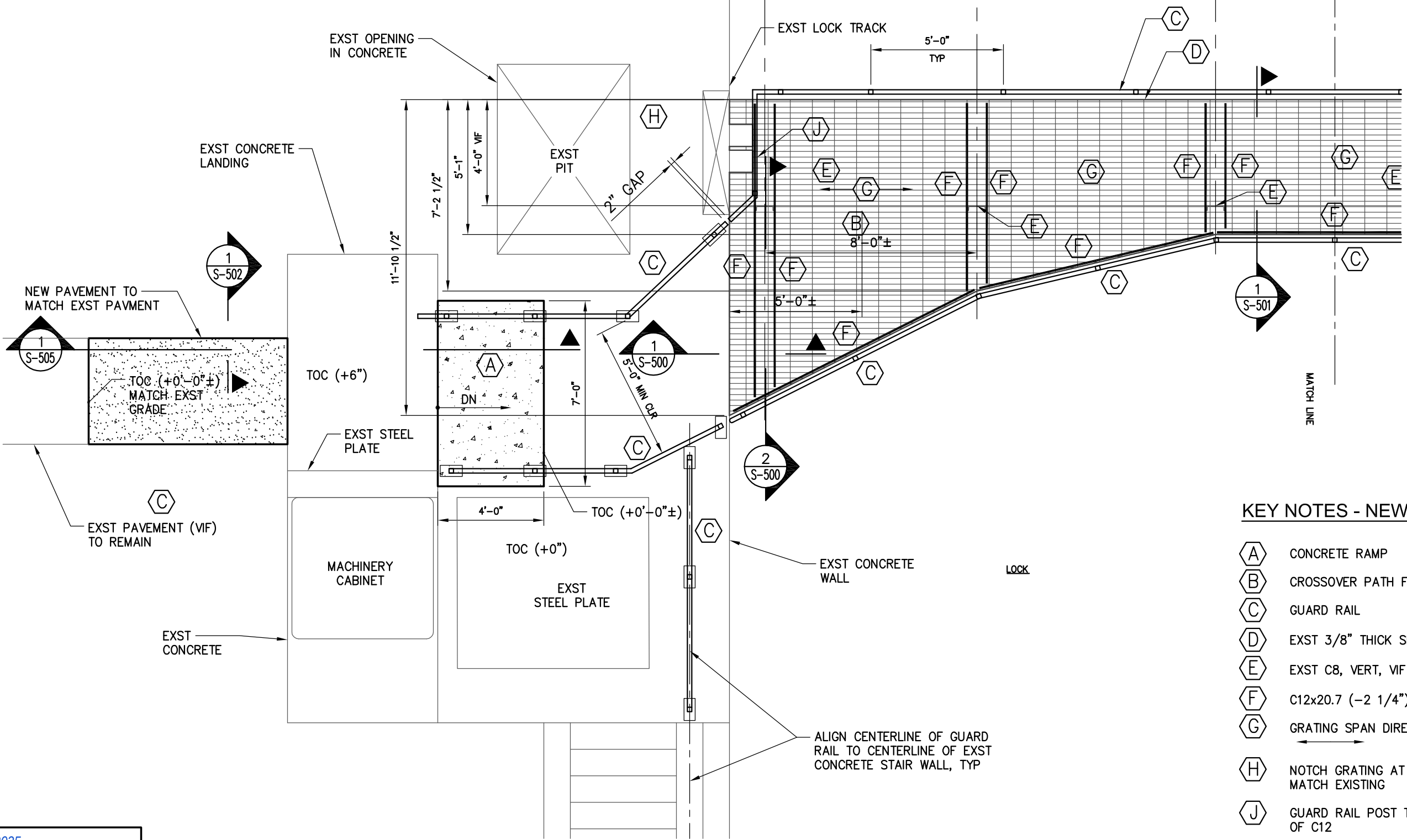
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CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



- KEY NOTES - NEW WORK**
- (A) CONCRETE RAMP
 - (B) CROSSOVER PATH FRAMING & GRATING
 - (C) GUARD RAIL
 - (D) EXST 3/8" THICK SKIN PLATE
 - (E) EXST C8, VERT, VIF 2 7/16" FLANGE WIDTH
 - (F) C12x20.7 (-2 1/4")
 - (G) GRATING SPAN DIRECTION INDICATED BY:
←→
 - (H) NOTCH GRATING AT EXISTING CABLES TO MATCH EXISTING
 - (J) GUARD RAIL POST THROUGH GRATING TO TOP OF C12

1 ENLARGED SOUTH AREA PLAN - PROPOSED
1/4" = 1'-0"

AFFIXED ON: 9/4/2025

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STAMP: [Professional Engineer Seal]

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TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING ENLARGED SOUTH AREA PLAN - NEW WORK	DRAWING NUMBER: S-102

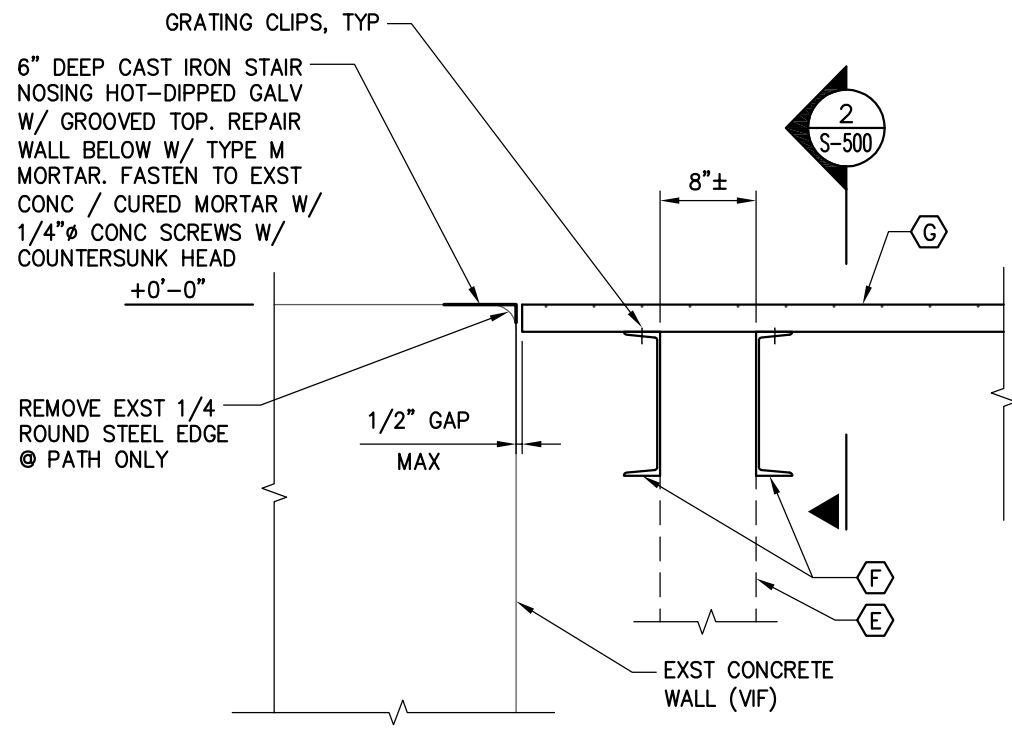
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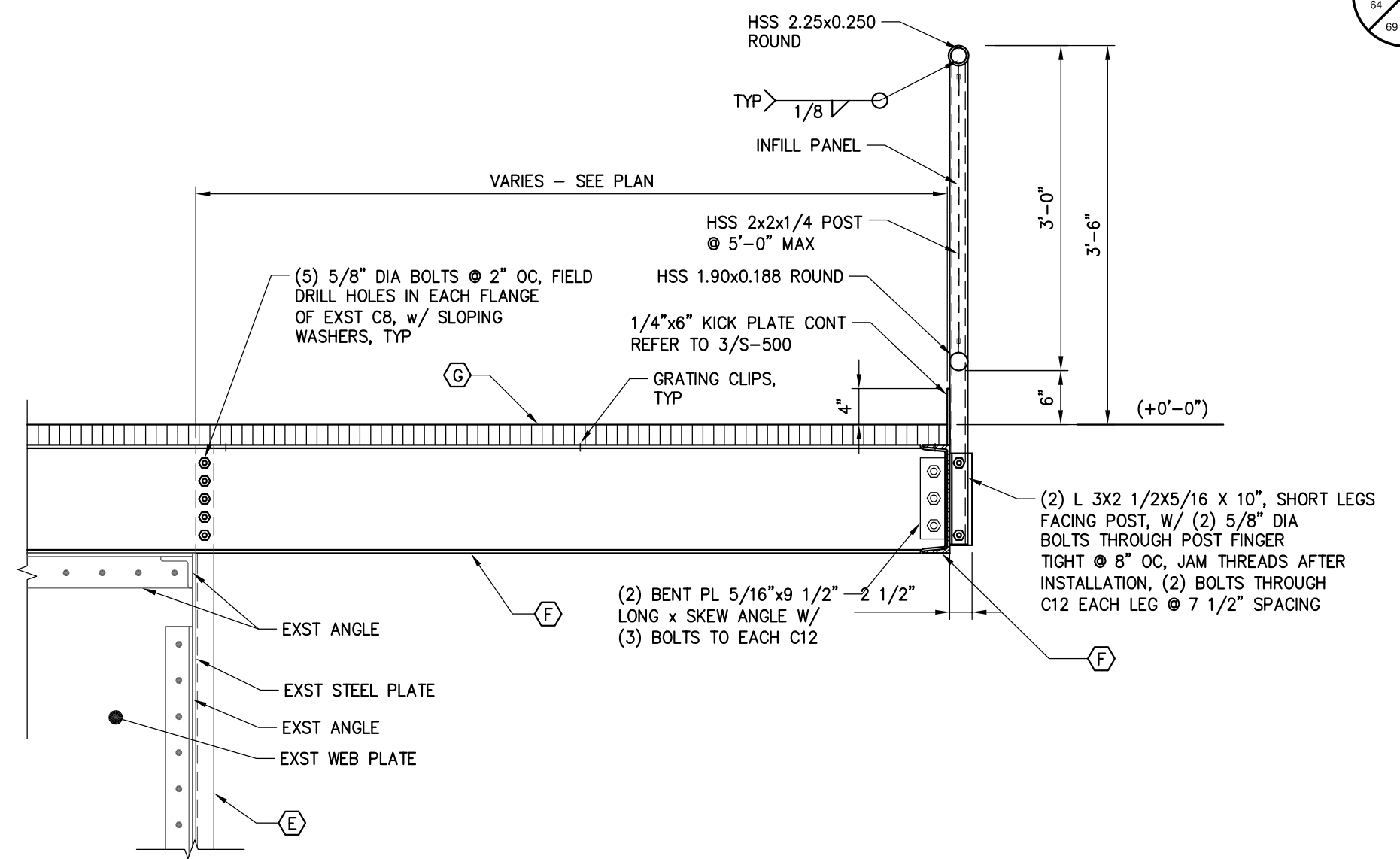
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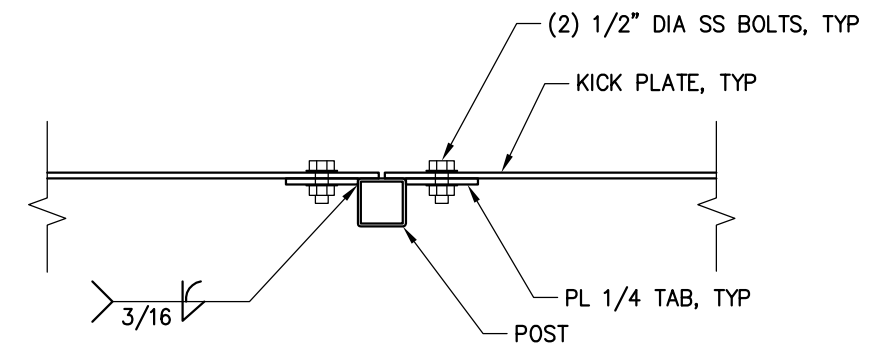
DESIGN SUPERVISOR:



1 SECTION AT EXISTING CONCRETE
3/4" = 1'-0"



2 SECTION AT FRAMING
3/4" = 1'-0"



3 KICK PLATE ATTACMENT DETAIL
1 1/2" = 1'-0"

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal, State of New York, License No. 072257]

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.

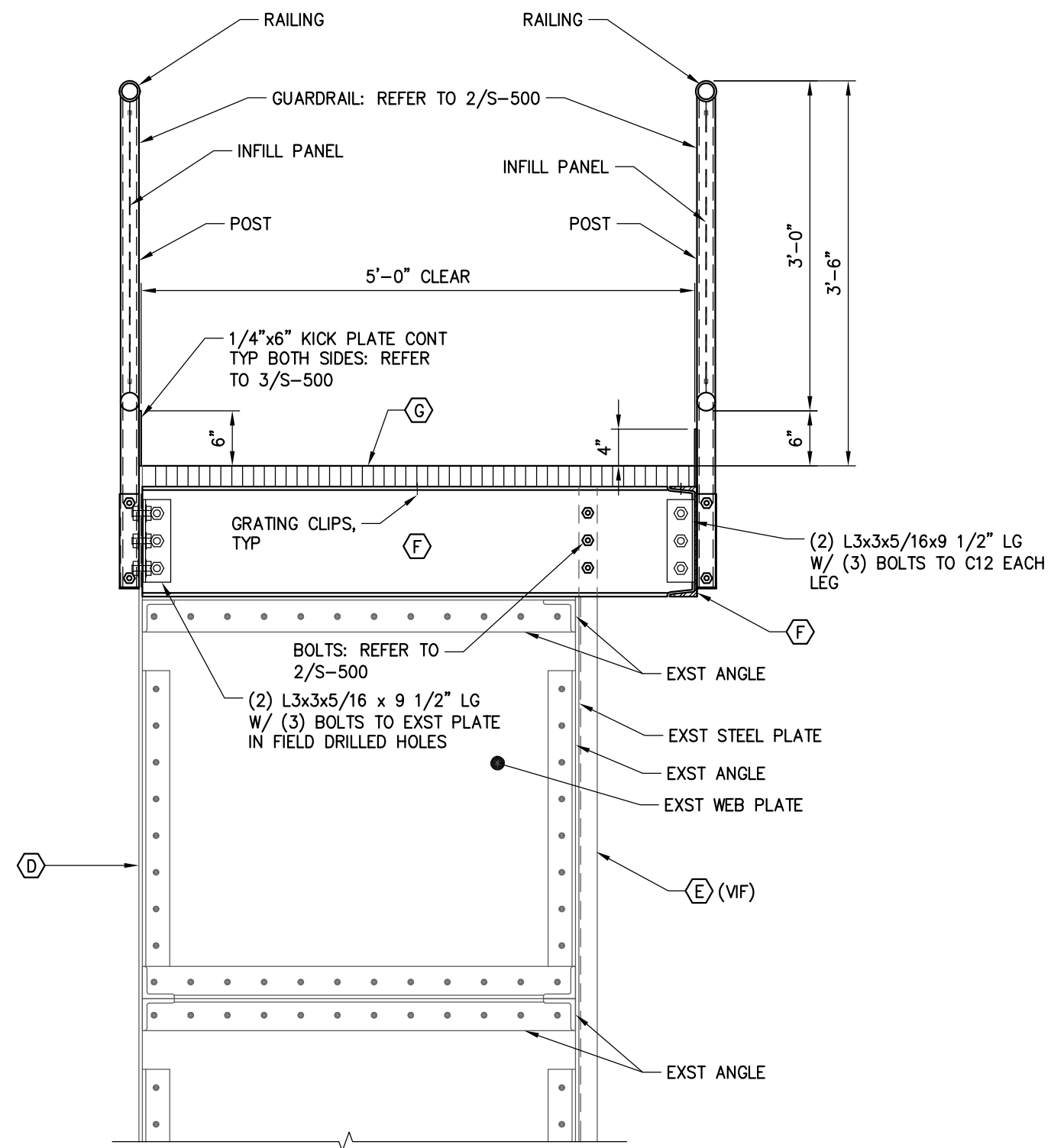
REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE Canal Corporation

CHA

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING SECTIONS AND DETAILS	DRAWING NUMBER: S-500

DESIGN SUPERVISOR: _____



AFFIXED ON: 9/4/2025
 SIGNATURE: _____
 STAMP: _____

1 SECTION AT FRAMING
3/4" = 1'-0"

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	SY



TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING SECTIONS AND DETAILS	DRAWING NUMBER: S-501

CHECKED BY:

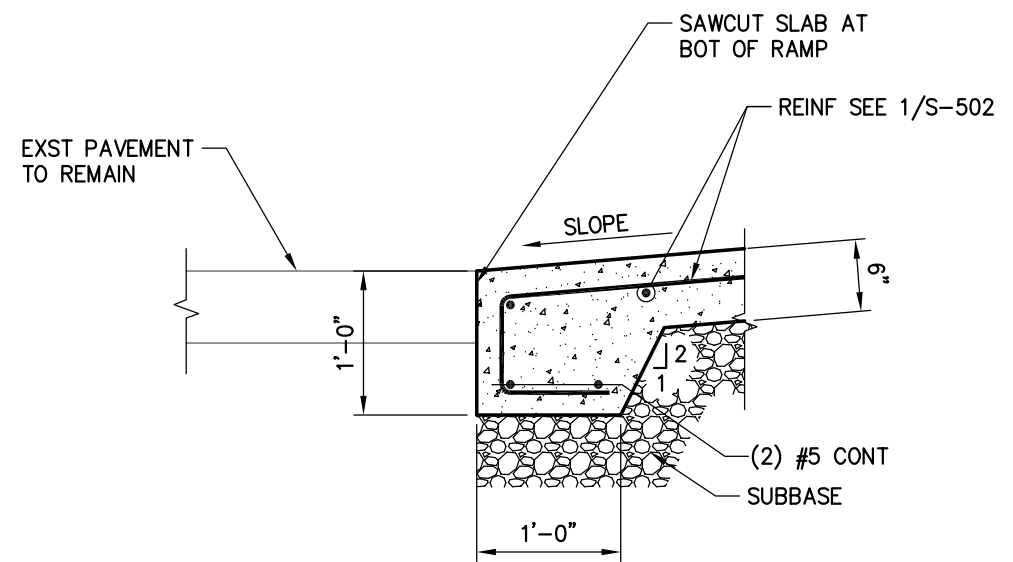
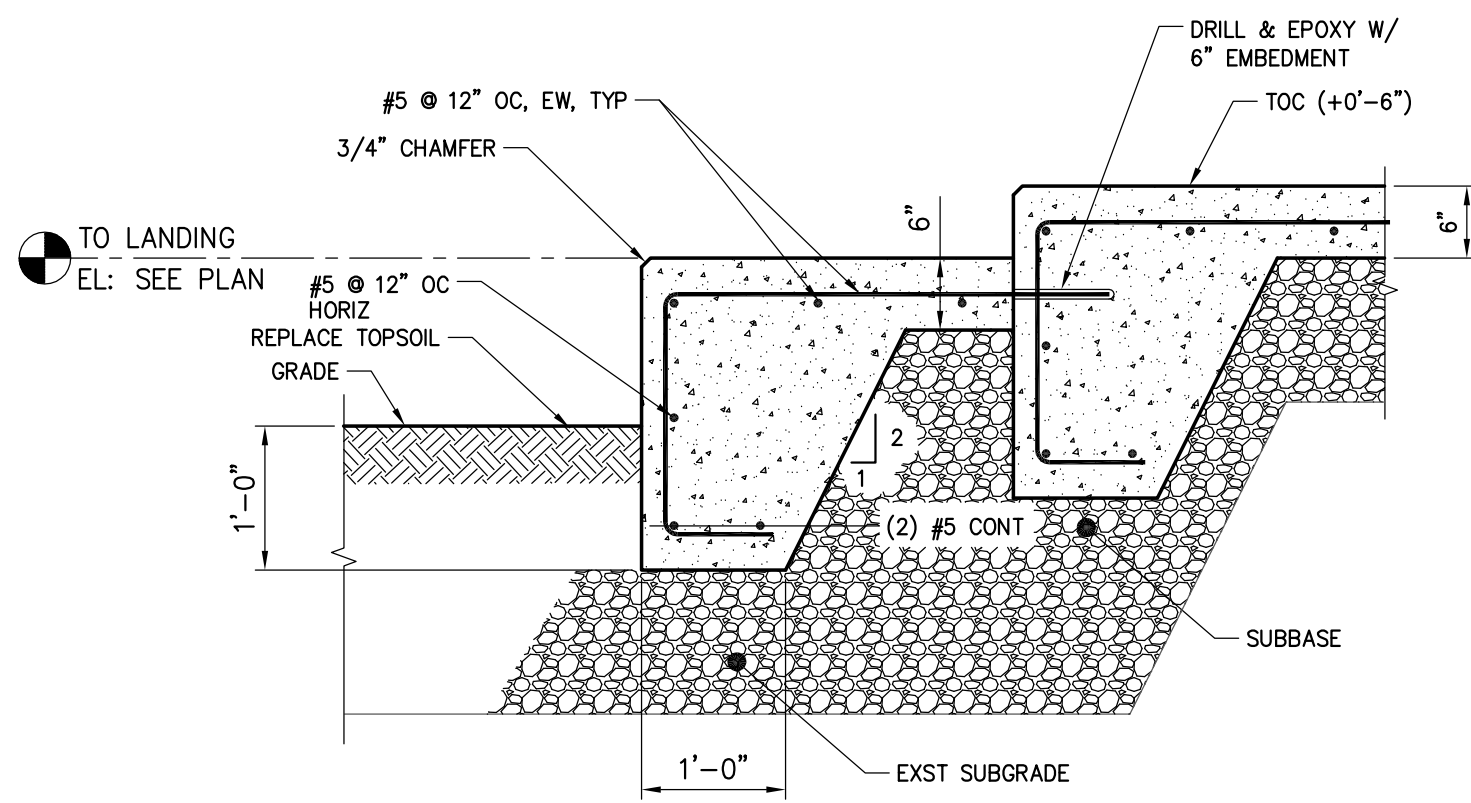
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CHECKED BY:

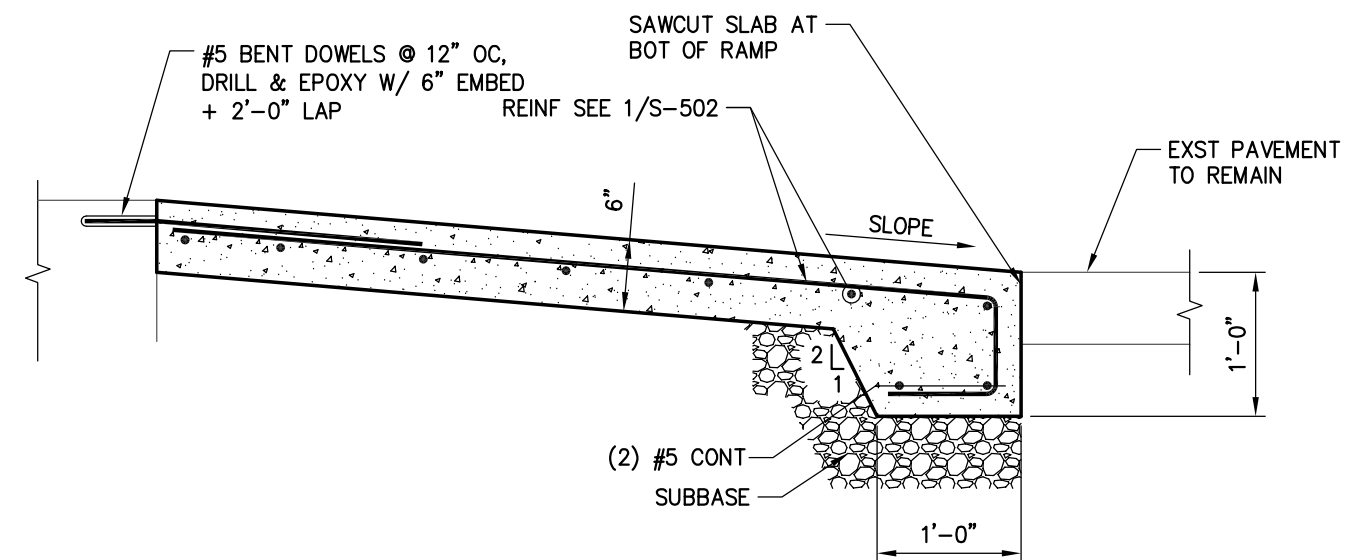
DESIGNED BY:

DESIGN SUPERVISOR:

FILE NAME = SFILES
DATE/TIME = 04/05/2025 10:00
USER = SNTUSERS



2 SECTION
3/4" = 1'-0"



3 SECTION
3/4" = 1'-0"

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING SECTIONS AND DETAILS	DRAWING NUMBER: S-502

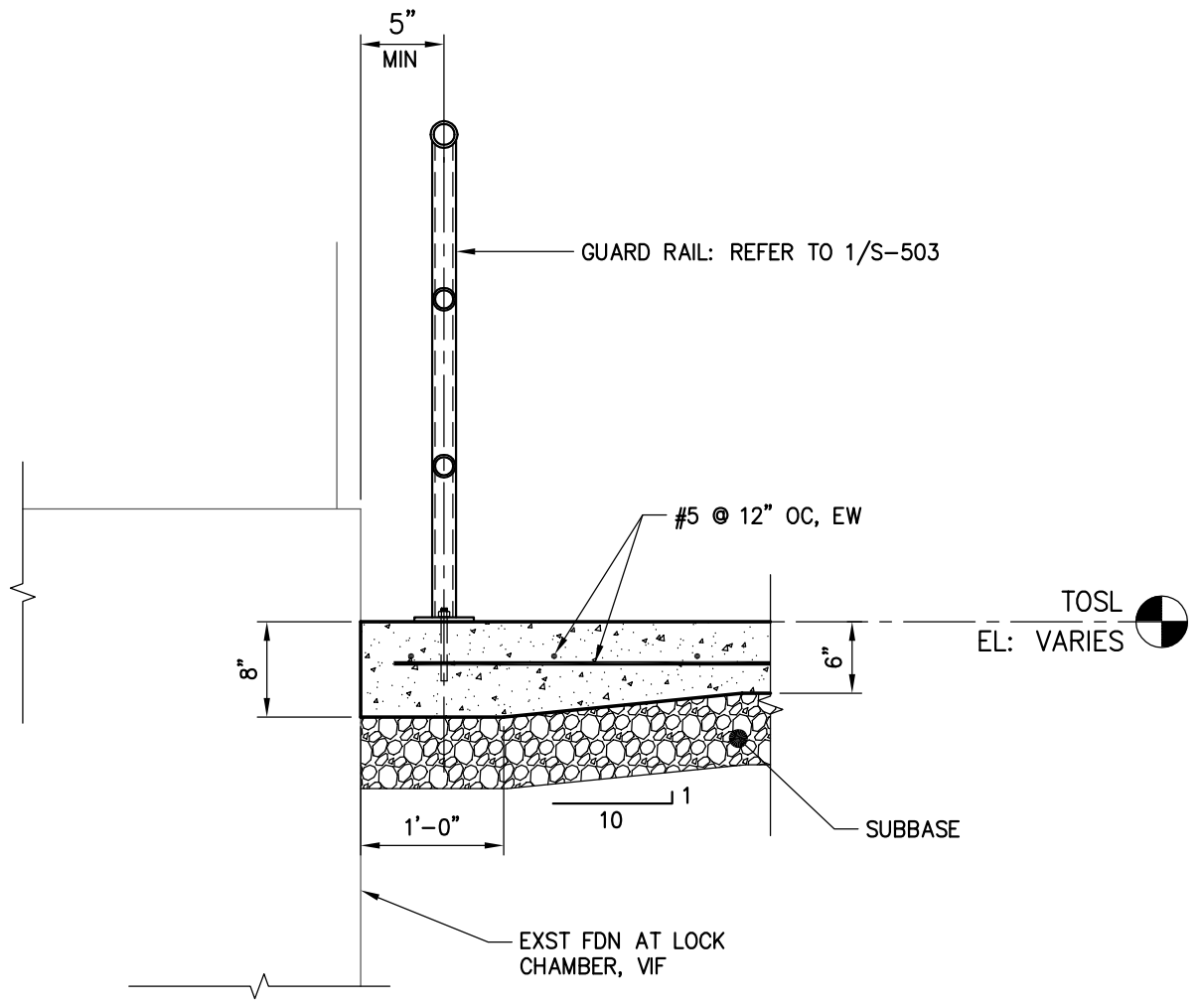
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



2 SECTION
3/4" = 1'-0"

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.





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Syracuse, NY 13202
315.471.2600 • www.chadeford.com

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING SECTIONS AND DETAILS	DRAWING NUMBER: S-503

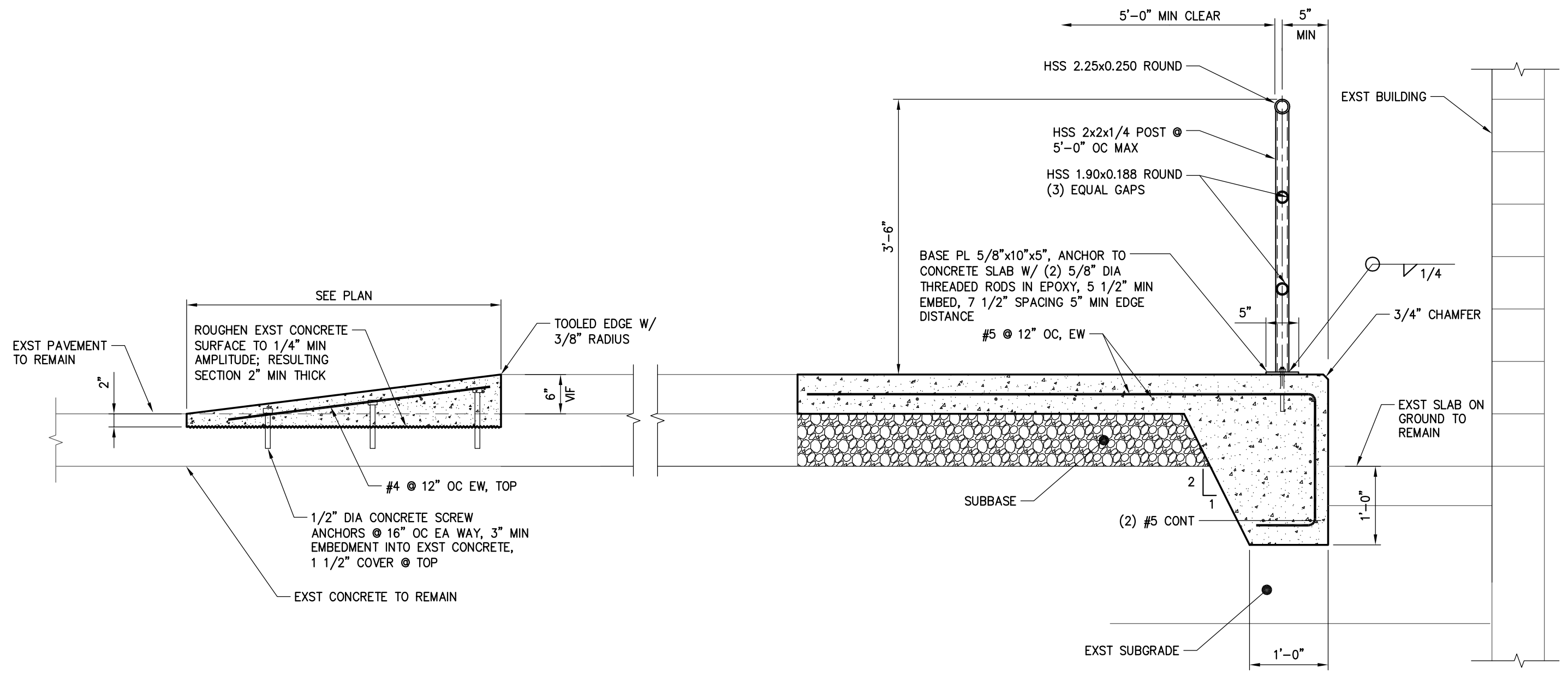
CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:



1 SECTION
3/4" = 1'-0"

AFFIXED ON:
9/4/2025

SIGNATURE:
STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

Canal Corporation

CMAA

TITLE OF PROJECT CANALWAY TRAIL SEGMENTS "A" AND "B"	CONTRACT NUMBER: K25-10371942LK
LOCATION OF PROJECT ERIE CANALWAY TRAIL ONEIDA COUNTY	DATE: 09/03/2025
TITLE OF DRAWING SECTIONS AND DETAILS	DRAWING NUMBER: S-504

FILE NAME =
DATE/TIME =
USER =
DESIGN SUPERVISOR:

CHECKED BY:

DRAFTED BY:

CHECKED BY:

DESIGNED BY:

DESIGN SUPERVISOR:

EXST ASPHALT TO
REMAIN, SEE
CIVIL DRAWINGS

NEW ASPHALT, SEE
CIVIL DRAWINGS

EXST PAVEMENT
TO REMAIN (VIF)

SAWCUT EXST SLAB AT
BOT OF RAMP
REINF SEE 1/S-502

SLOPE

SUBBASE

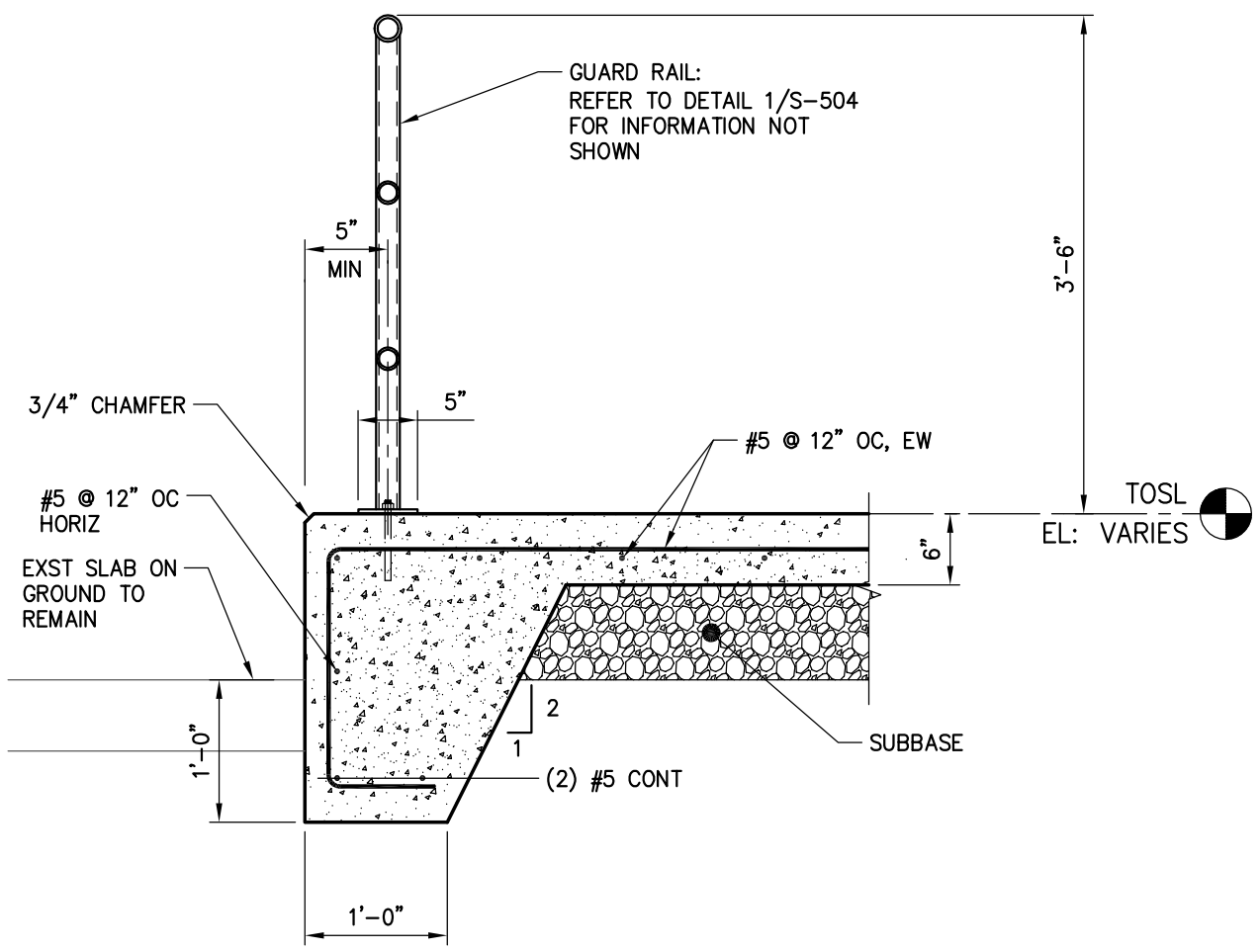
EXST PAVEMENT
TO REMAIN

EQ

EQ

1 SECTION

3/4" = 1'-0"



2 SECTION

3/4" = 1'-0"

AFFIXED ON: 9/4/2025

SIGNATURE: [Signature]

STAMP: [Professional Engineer Seal]

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
CANALWAY TRAIL SEGMENTS "A" AND "B"

LOCATION OF PROJECT
ERIE CANALWAY TRAIL
ONEIDA COUNTY

TITLE OF DRAWING
SECTIONS AND DETAILS

CONTRACT NUMBER:
K25-10371942LK

DATE:
09/03/2025

DRAWING NUMBER:
S-505