



SYRACUSE DIVISION
PLANS FOR
REPLACEMENT
OF THE
NORTH MAIN STREET (NYS ROUTE 46) BRIDGE OVER I-90
AT
MILEPOST 257.09
IN
MADISON COUNTY

TAS 25-30B D215056

71 SHEETS BIN 5025670



TYPE OF CONSTRUCTION:
BRIDGE REPLACEMENT AT MP 257.09

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

BRIDGE MAINTENANCE GUIDELINES
UPON COMPLETION OF THIS PROJECT, THE BRIDGE STRUCTURES REPAIRED, REHABILITATED OR RECONSTRUCTED HEREUNDER SHALL BE MAINTAINED IN ACCORDANCE WITH THE CURRENT AASHTO MANUAL FOR BRIDGE MAINTENANCE, AND THE NEW YORK STATE THRUWAY AUTHORITY MAINTENANCE DIRECTIVES: BRIDGE MANAGEMENT PROGRAM MD 05-16, BRIDGE MANAGEMENT ACTIVITIES MD 05-3, AND BRIDGE INSPECTION PROGRAM MD 95-5.
SPECIAL MAINTENANCE REQUIREMENTS: NONE

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

MAINTENANCE JURISDICTION
100% NYSDOT
APPROACH GUIDE RAILING, APPROACH PAVEMENT, SHOULDERS, SIDEWALKS,

100% AUTHORITY
ALL OTHER BRIDGE ELEMENTS NOT LISTED ABOVE.

LOAD RATING TABLE		
CONTROLLING MEMBER	INVENTORY LOAD RATING	OPERATING LOAD RATING
INTERIOR GIRDER	HS 34 (61.8 TONS US)	HS 57 (103.1 TONS US)
FASCIA GIRDER (LRFR)	1.46	1.89

HL-93 LIVE LOADING, LRFR AND HS 20 LIVE LOADING, LFR

	PROJECT LIMITS		CONTRACT LIMITS	
	FROM STA.	TO STA.	FROM MP.	TO MP.
NORTH MAIN ST.	NM 6+50.00	NM 15+80.00	257.09	257.09

UDIG NEW YORK
UNDERGROUND FACILITIES PROTECTION ORGANIZATION
CALL 811

PREPARED AND RECOMMENDED BY:
Christopher P. Cornwell DATE 9/16/2025
GREENMAN-PEDERSEN, INC.
CHRISTOPHER C. CORNWELL, P.E. (LICENSE NO. 086050)
DIRECTOR OF CIVIL/HIGHWAY ENGINEERING

CONTRACTOR'S NAME: _____
AWARD DATE: _____
COMPLETION DATE: _____
FINAL ACCEPTANCE DATE: _____
INSPECTION FIRM'S NAME: _____
RESIDENT ENG./EIC: _____
FINAL COST TOTAL: _____
FISCAL SHARE COST(S)
INSPECTION FIRM CONSULTANT STAMP:

RECOMMENDED BY: *Robert Dressing* 9/17/25
DIRECTOR, OFFICE OF DESIGN DATE

RECOMMENDED BY: *Robert Dressing* 9/22/25
DIVISION DIRECTOR DATE

RECOMMENDED BY: *Joseph H. Harty* 9/22/25
TRAFFIC ENGINEER DATE

RECOMMENDED BY: *Christopher P. Cornwell* 9/22/25
DIRECTOR, OFFICE OF CONSTRUCTION MANAGEMENT DATE

RECOMMENDED BY: *Christopher P. Cornwell* 9/22/25
CHIEF MAINTENANCE AND OPERATIONS OFFICER DATE

APPROVED BY: *Christopher P. Cornwell* 9/22/25
CHIEF ENGINEER DATE

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


ALIGNMENT	
ABBR.	DESCRIPTION
AH	AHEAD
AZ	AZIMUTH
BK	BACK
B	BASELINE
BRG	BEARING
C	CENTERLINE
CS	CURVE TO SPIRAL
e	SUPERELEVATION RATE (CROSS SLOPE)
EQ	EQUALITY
EXT	EXTERNAL
HCL	HORIZONTAL CONTROL LINE
HSD	HEADLIGHT SIGHT DISTANCE
L	LENGTH OF CIRCULAR CURVE
LS	LENGTH OF SPIRAL
LVC	LENGTH OF VERTICAL CURVE
E	CENTER CORRECTION OF VERTICAL CURVE
M	MAIN LINE
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
POL	POINT ON LINE
PSD	PASSING SIGHT DISTANCE
PT	POINT OF TANGENT
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
R	RADIUS
SC	SPIRAL TO CURVE
SSD	STOPPING SIGHT DISTANCE
ST	SPIRAL TO TANGENT
STA	STATION
T	TANGENT LENGTH
TGL	THEORETICAL GRADE LINE
TS	TANGENT TO SPIRAL
VC	VERTICAL CURVE

TOPOGRAPHY (MISCELLANEOUS)		UTILITIES	
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
ABUT	ABUTMENT	E	ELECTRIC
AOBE	AS ORDERED BY ENGINEER	EMH	ELECTRIC MANHOLE
ASPH	ASPHALT	G	GAS
BDY	BOUNDARY	GP	GUY POLE
BLDG	BUILDING	GSB	GAS SERVICE BOX (HOUSE LINE)
BM	BENCH MARK	GV	GAS VALVE (MAIN LINE)
CC	CENTER TO CENTER	HYD	HYDRANT
CONC	CONCRETE	LP	LIGHT POLE
CONST	CONSTRUCTION	LPG	LOW PRESSURE GAS
CR	COUNTY ROAD	PP	POWER POLE
D	DEED DISTANCE	SA	SANITARY SEWER
DM	DIRECT MEASUREMENT	SMH	SANITARY MANHOLE
DWY	DRIVEWAY	ST	STORM SEWER
EP	EDGE OF PAVEMENT	T	TELEPHONE
ES	EDGE OF SHOULDER	TCB	TRAFFIC CONTROL BOX
FEE	FEE ACQUISITION	TELBOX	TELEPHONE BOX
FEE WO/A	FEE ACQUISITION WITHOUT ACCESS	TEL P	TELEPHONE POLE
FP	FENCE POST	TMH	TELEPHONE MANHOLE
FD	FOUNDATION	CTV	CABLE TELEVISION
FL	FENCE LINE	W	WATER
GAR	GARAGE	WSB	WATER SERVICE BOX (HOUSE LINE)
GR	GRAVEL	WV	WATER VALVE (MAIN LINE)
HO	HOUSE	SUBSURFACE EXPLORATION	
HWY	HIGHWAY		
IP	IRON PIN OR IRON PIPE	ABBR.	DESCRIPTION
MB	MAILBOX	REPLACE ABBREVIATION "AB" WITH:	
MON	MONUMENT	AH	HAND AUGER
N&W	NAIL AND WASHER	CP	CONE PENTROMETER
OG	ORIGINAL GROUND	DA	2¼ INCHES CASED DRILL HOLE
O/H	OVERHEAD	DM	DRILLING MUD
P	PARCEL	DN	4 INCHES CASED DRILL HOLE
PAV'T	PAVEMENT	FH	HOLLOW FLIGHT AUGER
PE	PERMANENT EASEMENT	PA	POWER AUGER
PED POLE	PEDESTRIAN POLE	PH	PROBE
P	PROPERTY LINE	PT	PERCOLATION TEST HOLE
POR	PORCH	RP	1 INCH SAMPLER (RETRACTABLE PLUG)
RR	RAILROAD	TO BE DEFINED AT THE TIME OF EXPLORATION	
RTE	ROUTE	SP	SEISMIC POINT
ROW	RIGHT OF WAY	TP	TEST PIT
RW	RETAINING WALL	ABBREVIATION "C" IN CATEGORIES: DA, DM, DN, AND FH WITH:	
SH	STATE HIGHWAY	B	BRIDGE
SHLDR	SHOULDER	C	CUT
SPK	SPIKE	D	DAM
ST	STREET	F	FILL
STK	STAKE	K	CULVERT
STY	STORY	W	WALL
SW	SIDEWALK	X TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE	
TE	TEMPORARY EASEMENT		
TO	TEMPORARY OCCUPANCY		
U/G	UNDERGROUND		
WW	WING WALL		

TOPOGRAPHY (DRAINAGE)	
ABBR.	DESCRIPTION
BB	BOTTOM OF BANK (STREAM)
BC	BOTTOM OF CURB
BO	BOTTOM OF OPENING
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
CIP	CAST IRON PIPE
C STRM	CENTERLINE OF STREAM
CMP	CORRUGATED METAL PIPE
CP	CONCRETE PIPE
CSP	CORRUGATED STEEL PIPE
CULV	CULVERT
DIA	DIAMETER
DMH	DRAINAGE MANHOLE
DS	DRAINAGE STRUCTURE PIPE
D'XING	DITCH CROSSING
EHW	EXTREME HIGH WATER
EL	ELEVATION
ELEV	ELEVATION
ELW	EXTREME LOW WATER
ES	END SECTION
HW	HEADWALL
INV	INVERT
MH	MANHOLE
MHW	MEAN HIGH WATER
OHW	ORDINARY HIGH WATER
OLW	ORDINARY LOW WATER
RCP	REINFORCED CONCRETE PIPE
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
TB	TOP OF BANK (STREAM)
TC	TOP OF CURB
TG	TOP OF GRATE
VCP	VITRIFIED CLAY PIPE

REVISIONS			
DATE	DESCRIPTION	BY	SYM.





Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.463.9431 | GPINET.COM

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
INDEX AND ABBREVIATIONS

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
IN-1

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

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

REVISIONS

DATE	DESCRIPTION	BY	SYMBOL

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
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TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISON
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
LEGEND
(1 OF 2)

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
GN-1

CHECKED BY: C. CORNWELL

DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

ALIGNMENT			DRAINAGE			ITS			ROW MAPPING			SIGNS			UTILITIES		
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION
	ACC	CENTER OF CURVATURE		DINV	INVERT		IANT_P	ANTENNAS		MDL1P	DEED LINE, TYPE 1		S	SINGLE POST		UEB	ELECTRIC, BOX
	ACOGO	COGO		DS	STRUCTURE, RECTANGULAR		IASCTS	ACCOU. SPEED/COUNT SNSR.S		MDL2P	DEED LINE, TYPE 2		S_P	SINGLE POST, PROPOSED		UEM	ELECTRIC, METER
	ACS	CURVE TO SPIRAL		DSI	STRUCTURE, INVERT		ICABPAD	CABINET & PAD		MDL3P	DEED LINE, TYPE 3		SB_P	BACK TO BACK, PROPOSED		UEMH	ELECTRIC, MANHOLE
	ADPI_P	DETOUR, POINT OF INTERSECT.		DSM	STRUCTURE, MANHOLE		ICCTV	CCTV SITE		MDL4P	DEED LINE, TYPE 4		SDEL	DELINEATORS		UEPT	ELECTRIC, POLE, TRANS.
	ADPL_P	DETOUR, POINT ON LINE		DSMTXX_P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96		ICDPD	CDPD TRANSCEIVER		MDL5P	DEED LINE, TYPE 5		SPM	PARKING METER		UGM	GAS, METER
	AEQN	EQUATION					ICELLT	CELL PHONE TOWER		MEEP	EASEMENT, EXISTING		SRM	REFERENCE MARKERS		UGMH	GAS, MANHOLE
	AEQNAHD	EQUATION AHEAD					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.		UGP	GAS/FUEL PUMP
	AEVT	EVENT STATION					ICPB	COMMUNICATION PULL BOX		MEPSP_P	EASEMENT, PERM., SHAPE		SRSCT2	SHLD, CTY TOUR, 1-2 DIG.		UGV	GAS, VALVE
	APC	POINT OF CURVATURE		DST"X"_P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U		ICTD	CONDUIT TURNING DOWN		MFAP_P	FEE ACQUISITION, APPROX.		SRSCT4	SHLD, CTY TOUR, 3-4 DIG.		UGVT	GAS, VENT
	APCC	POINT OF COMPOUND CURVATURE					ICTU	CONDUIT TURNING UP		MFP_P	FEE ACQUISITION, BACK LINE		SRSI	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		IFOXCAB	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					UPL	POLE, WITH LIGHT
	APOVC	POINT ON VERTICAL CURVE		EIPSF_P	STR., INLET PROT., SILT FENCE		IHARST	HAR SITE		MPDH	PT., DRILL HOLE		TCBJ	BOX, JUNCTION		USMH	SANITARY SEWER MANHOLE
	APOVT	POINT ON VERTICAL TANGENT		EIPSF_P	STR., INLET PROT., SILT FENCE		ILC	LOAD CENTER		MPF	PT., FENCE LOCATION		TCBP	BOX, PULL BOX		UTB	TELEPHONE, BOOTH
	APORC	POINT ON REVERSE CURVE		ERCB	RISER, CONCRETE BOX		IMECSPL	MECHANICAL SPLICE		MPIP	PT., IRON PIPE		TCBS	BOX, SPLICE		UTLM	TELEPHONE, LINE MARKER
	APT	POINT OF TANGENCY		ETRS_P	TRAP, SEDIMENT		IMSCS	PORT. SPEED & COUNT SENSOR		MPIR	PT., IRON ROD		TCMC	MICROCOMPUTER CABINET		UTMH	TELEPHONE, MANHOLE
	APVC	POINT OF VERTICAL CURVATURE		EWFEG	WETLAND FLAG		IMSCTS	MICRO SPEED & COUNT SENSOR		MPM	PT., MONUMENT		TCPP	PED POLE		UTVLM	CABLE TV, LINE MARKER
	APVCC	POINT OF VERT. CMPND CURVE	GEOTECHNICAL				IMT	MICROWAVE TRANSCEIVER		MPMM	PT., MONUMENT, MISC.		TCSH	SIGNAL HEADS		UTVPB	CABLE TV, PULL BOX
	APVI	POINT OF VERT. INTERSECTION					IOVHVS	PERM. OVERHEAD VMS		MPN	PT., NAIL		TCSP	SIGNAL POLE		UUB	UNKNOWN, BOX
	APVRC	POINT OF VERT. REVERSE CURVE		GDH	DRILL HOLE		IPASCS	PORT. ACCOU. SPD & CNT. SENSOR		MPRS	PT., RAILROAD SPIKE	TRAFFIC WORK ZONE				UUJB	UNKNOWN, JUNCTION BOX
	APVT	POINT OF VERTICAL TANGENCY	LANDSCAPE				IPEDS	PEDESTRIAN SIGNAL HEAD		MPSP	PT., SPIKE					UUMH	UNKNOWN, MANHOLE
	ASC	SPIRAL TO CURVE					IPSS	PAVEMENT SURFACE SENSOR		MPST	PT., STAKE		TWZAP_P	ARROW PANEL		UUPB	UNKNOWN, PULL BOX
	ASPI	SPIRAL POINT OF INTERSECTION		LELS	ELEVATION, SPOT		IPVMS	PERM. VMS		MPTW	PT., TREE W/ WIRE		TWZAPT_P	ARROW PANEL, TRAILER OR SUPPORT		UUVL	UNKNOWN, VALVE
	ASTS	SPIRAL TO SPIRAL		LFP	FLAG POLE		IRM	RAMP METER		MPWL	PT., WALL LOCATION		TWZBCD_P	BARRICADE (TYPE III)		UUVT	UNKNOWN, VENT
	AST	SPIRAL TO TANGENT		LMB	MAILBOX		IRWIS	RDWY WEATHER INFO. SENSOR	ROW ACQUISITION				TWZCMS_P	CHANGEABLE MESSAGE SIGN (PVMS)		UUV	UNKNOWN, WELL
	ATS	TANGENT TO SPIRAL		LPB	PAPER BOX		ISP	SOLAR PANEL					TWZFLG_P	FLAGGER		UWFH	WATER, FIRE HYDRANT
	AVEVT	VERTICAL EVENT POINT		LPST	POST, SINGLE		ISST	SPREAD SPECT. TRANSCEIVER		MFS_P.T	FEE ACQUISITION		TWZFT_P	FLAG TREE		UWM	WATER, METER
	AVHIGH	VERTICAL HIGH POINT		LRB	ROCK, BOULDER		ITDB	TELEPHONE DEMARCATION BLK		MEPS_P.T	EASEMENT, PERMANENT		TWZIA_P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)		UWMH	WATER, MANHOLE
	AVLOW	VERTICAL LOW POINT		LSHC	SHRUB, CONIFEROUS		ITP	SUBSURFACE TEMP. PROBE		METS_P.T	EASEMENT, TEMPORARY		TWZLUM_P	LUMINAIRE (TEMPORARY)		UWV	WATER, VALVE
BRIDGE				LSHD	SHRUB, DECIDUOUS		IVTRT	VEHICLE TO RDWY TRANSCEIVER		METS_P.T	EASEMENT, TEMPORARY		TWZSDT_P	SYMBOL, DIRECTION OF TRAFFIC		UWW	WATER, WELL
				LTC	TREE, CONIFEROUS		IWIMD	WEIGHT IN MOTION DETECTOR		MFS_P.T	FEE ACQUISITION W/O ACCESS		TWZSDTD_P	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR			
	BSC	BRIDGE, SCUPPER		LTD	TREE, DECIDUOUS		IWVR	WIRELESS VIDEO REPEATER	ROADWAY				TWZSGN_P	SIGN (TEMPORARY)			
CONTROL				LTS	TREE, STUMP		IWVRC	WIRELESS VIDEO RECEIVER					RES_P	ELEVATION, SPOT			
				LTW_P	TREE, WELL OR WALL		IWVTT	WIRELESS VIDEO TRANSMITTER		RGA	GUIDE RAIL, ANCHOR		TWZWL_P	WARNING LIGHT			
	LUKP	UNKNOWN POINT	SEE LEG-1 FOR NOTES							RGP	GUIDE POST, SINGLE		TWZWV_P	WORK VEHICLE			
										TWZWVA_P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR						

REVISIONS

DATE	DESCRIPTION	BY	SYM.

Thruway Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
CHATEAUX DRIVE, ALBANY, NY

CONTRACT
DATE

TAS

REVISIONS

DATE	DESCRIPTION	BY	SYM.

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.483.9431 | GPI.NET.COM

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISON
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
LEGEND
(2 OF 2)

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
GN-2

CHECKED BY: C. CORNWELL

DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

New York State Thruway Authority Standard Sheets

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

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

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

REV. 05/25

Highway Work Type

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

MILEPOST FROM:	257.09						
TO:	257.09						
PROJECT TYPE	X	X	X	X	X	X	X
1R Resurfacing							
2R Resurfacing							
3R Rehabilitation							
Reconstruction	X						
Safety Improvements	X						
Drainage							
Rock Slope Remediation							
Pavement Striping	X						
Other: N. Main St. over Thruway	X						
PAVEMENT TREATMENT	X	X	X	X	X	X	X
Isolated Pavement Repairs Only							
Thin Overlay without Milling							
Thin Overlay with Milling							
1" Mill & Inlay without Shoulders							
1" Mill & Inlay with Shoulders							
2" Mill & Inlay without Shoulders							
2" Mill & Inlay with Shoulders							
Mill to Concrete with 4" Overlay							
Mill to Concrete with 4.5" Overlay							
Mill to Concrete with 5" Overlay							
Crack and Seat with Overlay							
Rubblize with Overlay							
Other: Full Depth Reconstruction	X						

Structure Work Type



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


MILEPOST:	257.09						
PROJECT TYPE	X	X	X	X	X	X	X
Bridge Washing							
Scour Protection							
Channel Cleaning							
Railing System							
Protective Screening							
Painting							
Steel Repair							
Wearing Surface Treatment							
Deck Repairs							
Joint Rehabilitation							
Joint Replacement							
Bearing Rehabilitation							
Bearing Replacement							
Hanger Pin Replacement							
Security							
Seismic Retrofit							
Substructure Rehabilitation							
Electrical							
Cathodic Protection System							
Fendor or Pier Protection System							
Deck Replacement							
Superstructure Replacement							
Bridge Replacement	X						
Added Bridge (New Location)							
Abandoned Bridge							
Other:							

New York State Department of Transportation Standard Sheets

The latest revisions of the New York State Department of Transportation Standard Sheets maintained by NYSDOT, which are current as of the Standard Specifications adoption date shown on the Proposal cover, shall be considered to be in effect. All pay items and work contained in the Contract and any additional pay items and work encountered during the course of the Contract shall be subject to the applicable standardsheet(s) unless otherwise specified in the Contract documents.

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

REVISIONS						TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
DATE	DESCRIPTION	BY	SYM.			LOCATION OF PROJECT SYRACUSE DIVISON M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
						TITLE OF DRAWING STANDARD SHEETS WORK TO BE DONE	DRAWING NUMBER: GN-3



Greenman-Pedersen, Inc.
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Albany, NY 12205
518.453.9431 GPI.NET.COM

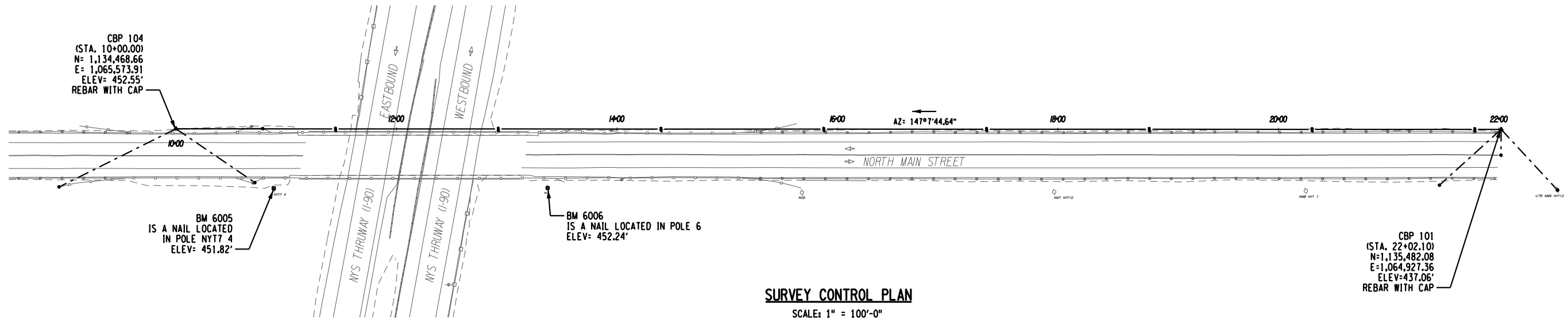
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DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

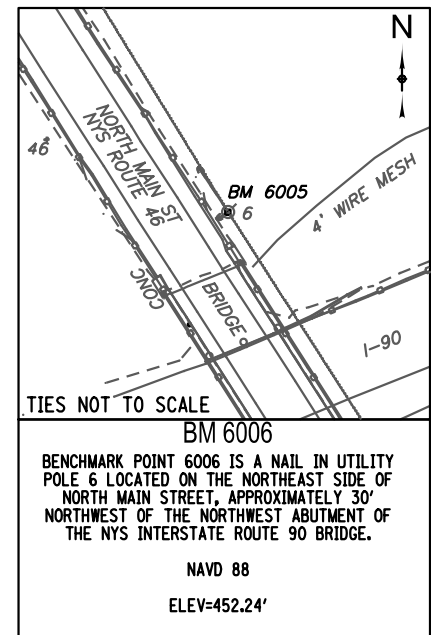
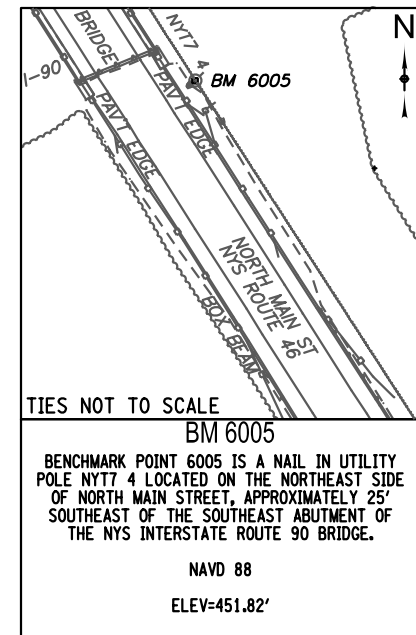
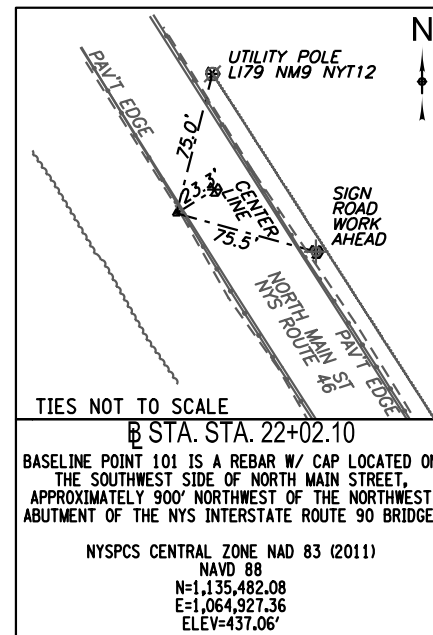
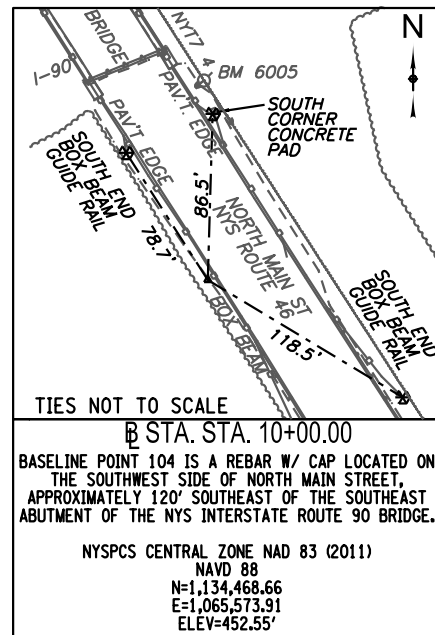
DESIGNED BY: G. KEHN


DESIGN SUPERVISOR: J. SIMKULET



SURVEY CONTROL PLAN


SCALE: 1" = 100'-0"



ALTERED ON:	AFFIXED ON: September 16, 2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 GPI Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.463.9431 GPINET.COM	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90 LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	CONTRACT NUMBER: TAS 25-30B DATE: 09/16/2025 DRAWING NUMBER: BT-1
	TITLE OF DRAWING SURVEY BASELINE AND TIES	

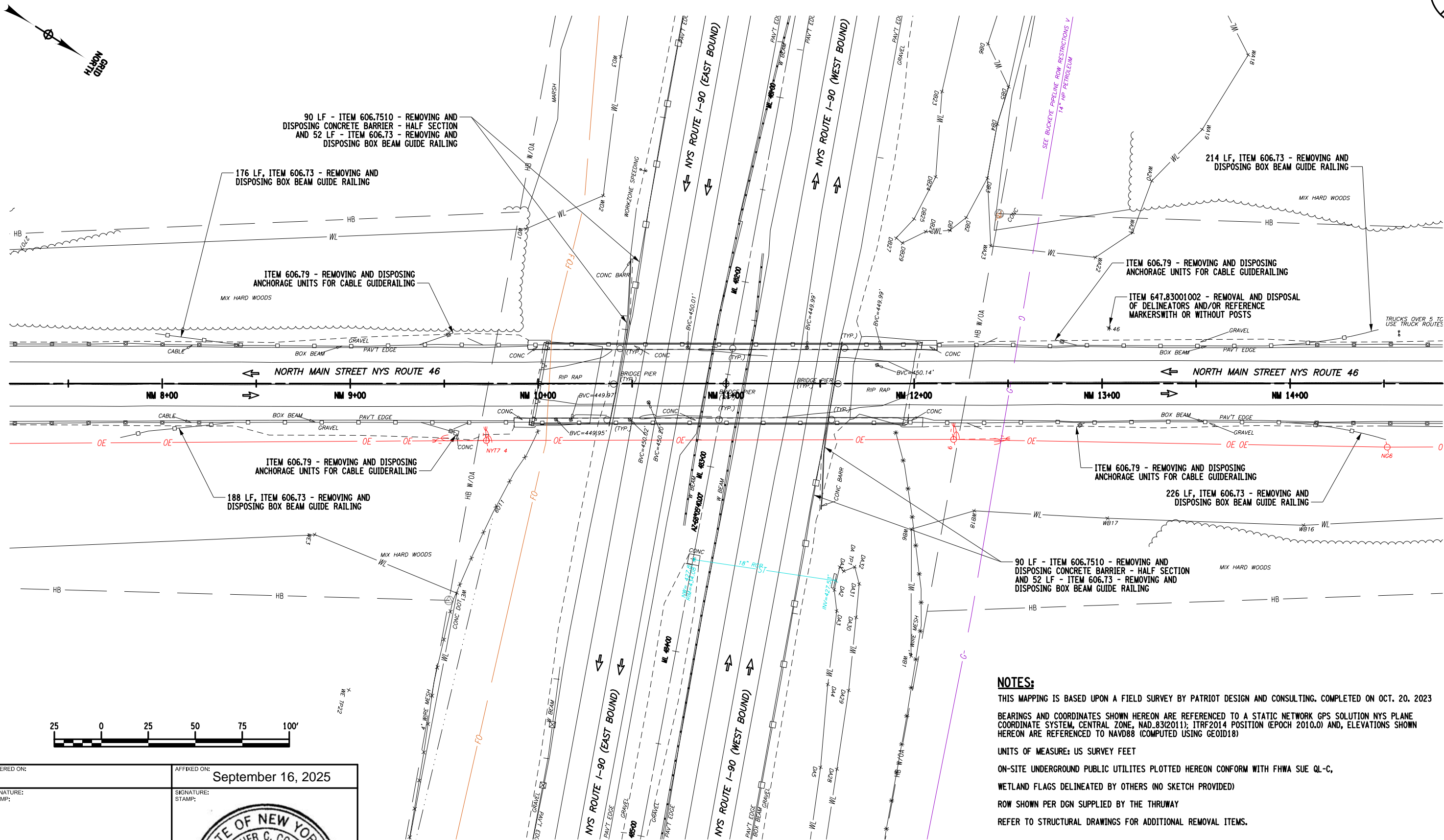
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DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET



NOTES:

THIS MAPPING IS BASED UPON A FIELD SURVEY BY PATRIOT DESIGN AND CONSULTING, COMPLETED ON OCT. 20, 2023

BEARINGS AND COORDINATES SHOWN HEREON ARE REFERENCED TO A STATIC NETWORK GPS SOLUTION NYS PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD_83(2011); ITRF2014 POSITION (EPOCH 2010.0) AND, ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88 (COMPUTED USING GEOID18)

UNITS OF MEASURE: US SURVEY FEET

ON-SITE UNDERGROUND PUBLIC UTILITIES PLOTTED HEREON CONFORM WITH FHWA SUE QL-C,

WETLAND FLAGS DELINEATED BY OTHERS (NO SKETCH PROVIDED)

ROW SHOWN PER DGN SUPPLIED BY THE THRUWAY

REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REMOVAL ITEMS.

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REVISIONS

DATE	DESCRIPTION	BY	SYM.



**Thruway
Authority**

GPI

Greenman-Pedersen, Inc.
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TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

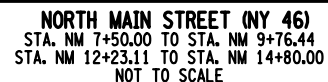
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
PLAN
EXISTING ROADWAY

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
PE-1



Greenman-Pedersen, Inc.
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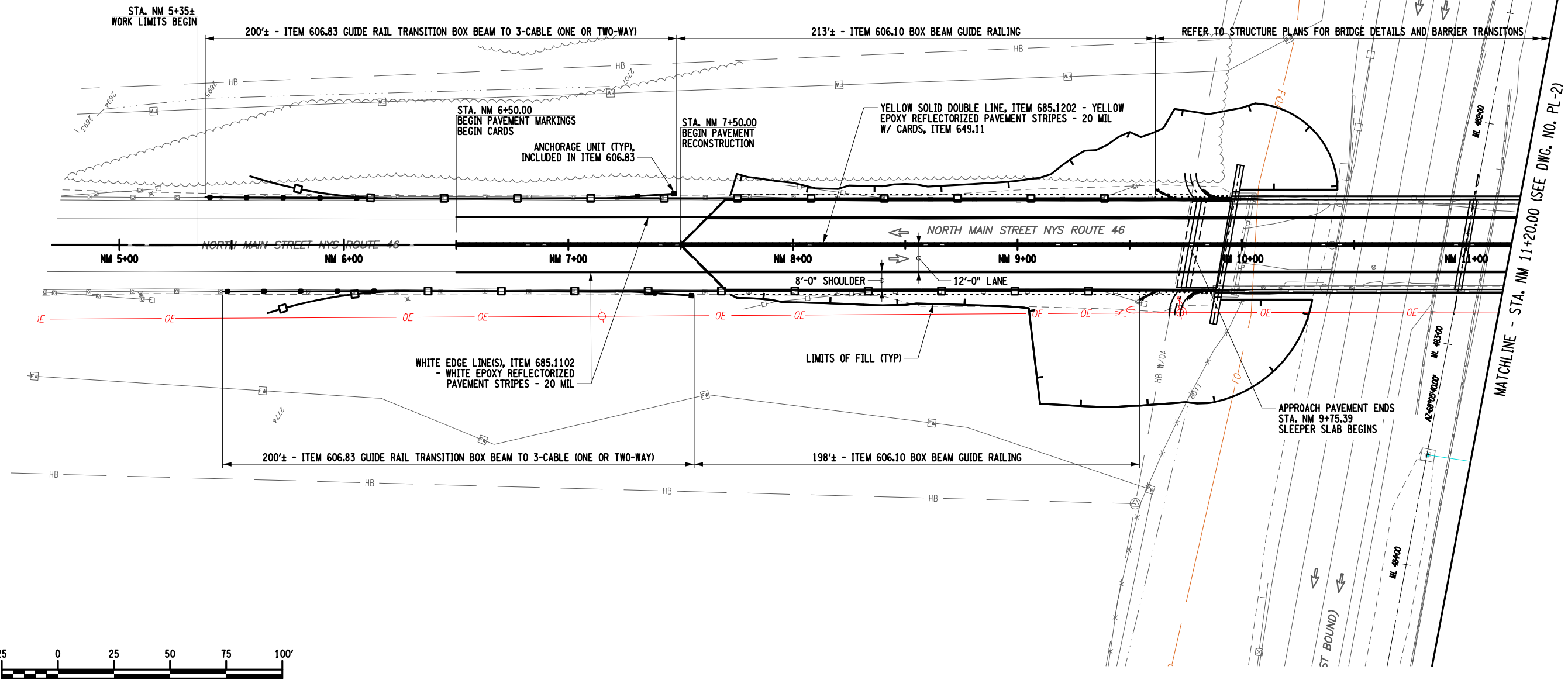
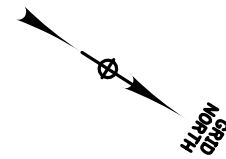
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DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

9

71



ALTERED ON:

AFFIXED ON:

September 16, 2025

SIGNATURE:
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SIGNATURE:
STAMP:



EXPIRATION: 10/31/2028

NOTES:

1. ACTIVITIES WITHIN FEDERAL JURISDICTIONAL WETLANDS SHALL COMPLY WITH THE USACE REGIONAL TRANSPORTATION GENERAL PERMIT.
2. REFER TO STRUCTURAL DRAWINGS FOR BRIDGE DETAILS.
3. REFER TO HIGHWAY PROFILE FOR PROPOSED VERTICAL CONTROL.
4. REFER TO TYPICAL SECTIONS FOR PAVEMENT DETAILS.

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.



**Thruway
Authority**

GPI

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Albany, NY 12205
518.463.9431 | GPI.NET.COM

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
PROPOSED ROADWAY PLAN
NORTH MAIN STREET (NY 46)
(SHEET 1 OF 2)

CONTRACT NUMBER:

TAS 25-30B

DATE:

09/16/2025

DRAWING NUMBER:

PL-1

DESIGN SUPERVISOR: J. SIMKULET



EXPIRATION: 10/31/2028

DRAWING NUMBER:
PL-2

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DRAFTED BY: M. ROMANO

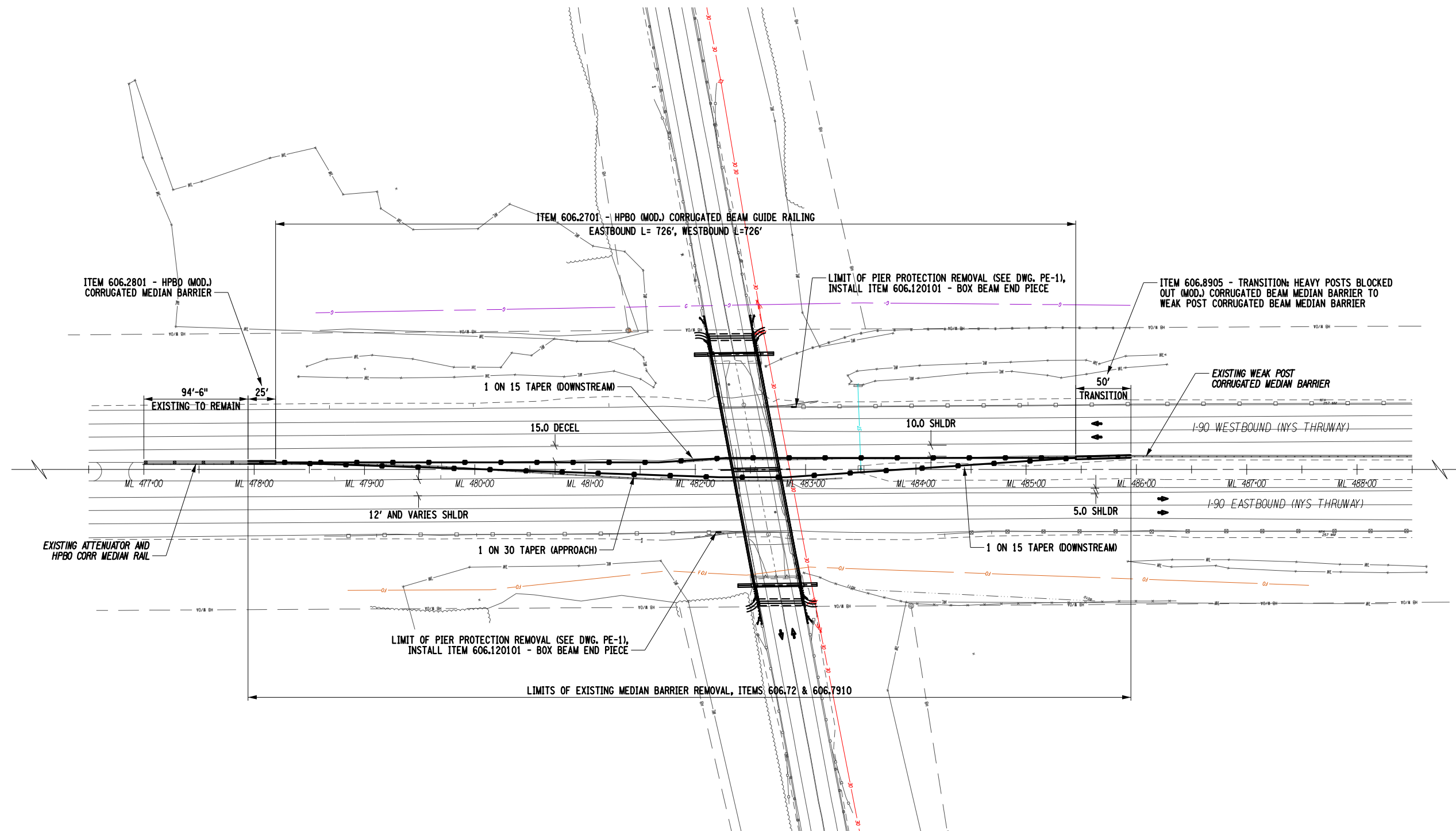
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DESIGN SUPERVISOR: J. SIMKULET

11
71

GRID
NORTH



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September 16, 2025

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REVISIONS

DATE	DESCRIPTION	BY	SYM.



**Thruway
Authority**

GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.463.9431 | GPINET.COM

NOTE:

1. REFER TO DWG. NO. PL-1 FOR ADDITIONAL NOTES.

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
ROADWAY PLAN
NYS THRUWAY (ROUTE I-90)

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
PL-3

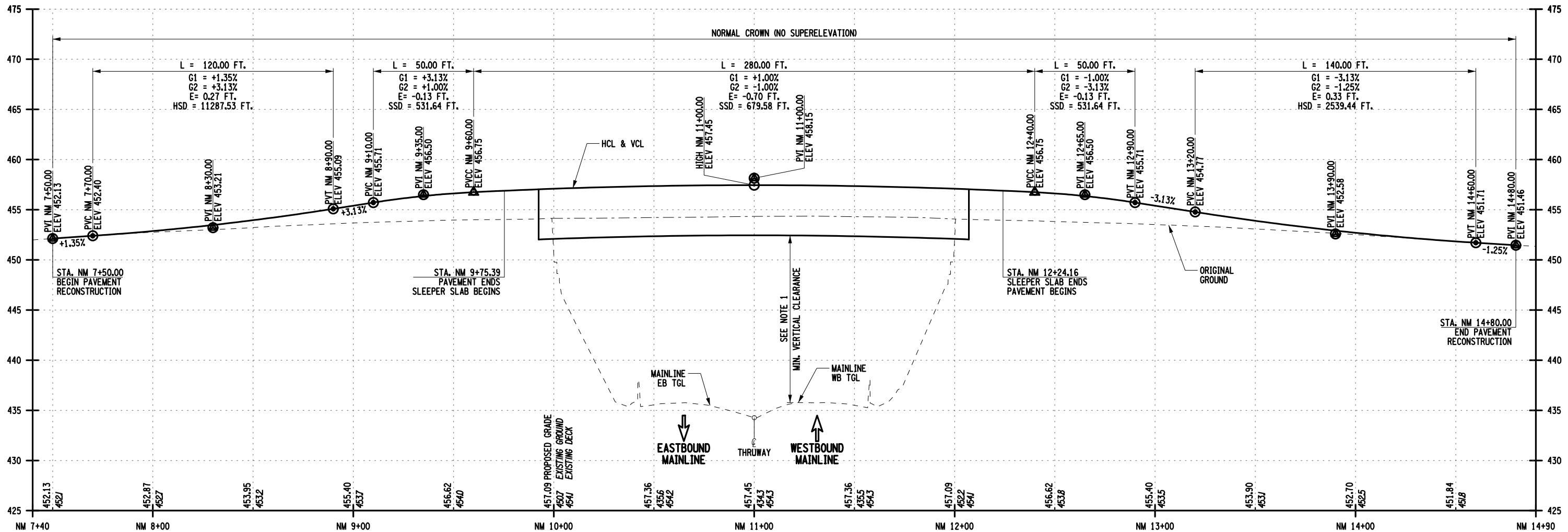
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DRAFTED BY: M. ROMANO

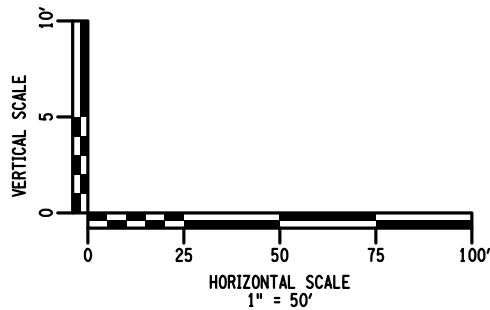
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DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET



PROFILE - ROADWAY
NORTH MAIN STREET
SCALE: HORIZ. 1" = 50'-0"
VERT. 1" = 10'-0"



NOTE:
1. FOR BRIDGE PLAN, ELEVATION AND MIN. VERTICAL CLEARANCE, SEE DWG. ST-02.

ALTERED ON:

AFFIXED ON:
September 16, 2025

SIGNATURE:
STAMP:

STATE OF NEW YORK
CHRISTOPHER C. CORNWELL
LICENSED PROFESSIONAL ENGINEER
086050
EXPIRATION: 10/31/2028

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

Thruway Authority

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.483.9431 GPI.NET.COM

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
PROPOSED ROADWAY PROFILE
NORTH MAIN STREET (NY 46)

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
PR-1

CHECKED BY: G. KEHN

M. ROMANO

DRAFTED BY:

C. CORNWELL

CHECKED BY:

G. KEHN

DESIGNED BY: J. SIMKULET

GENERAL NOTES:

1. WORK ZONE TRAFFIC CONTROL (WZTC) FOR NORTH MAIN STREET (NY-46) SHALL BE PROVIDED IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE NYS SUPPLEMENT TO THE MUTCD, THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATION SECTION 619, AND THE NYSDOT STANDARD SHEETS, EXCEPT WHERE MODIFIED BY THE CONTRACT PLANS AND PROPOSAL.
2. WORK ZONE TRAFFIC CONTROL (WZTC) FOR NEW YORK STATE THRUWAY INTERSTATE 90 SHALL BE PROVIDED IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE NEW YORK STATE THRUWAY AUTHORITY (NYSTA) STANDARD SHEETS, THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATION SECTION 619, AND THE NYSTA ADDENDUM TO THE STANDARD SPECIFICATIONS, EXCEPT WHERE MODIFIED BY THE CONTRACT PLANS AND PROPOSAL. TRAFFIC IS TO BE MAINTAINED IN STRICT COMPLIANCE WITH THE CHARTS ENTITLED "LANE CLOSURE CHARTS". SEE NYSTA STANDARD SHEETS TA 619-33 AND TA 619-34.
3. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL SOUND CONTROL AND NOISE LEVEL RULES, REGULATIONS AND ORDINANCES THAT APPLY TO ANY WORK PERFORMED UNDER THE CONTRACT.

THRUWAY MAINLINE NOTES:

1. THE CONTRACTOR SHALL MAINTAIN AND PROTECT THRUWAY TRAFFIC IN ACCORDANCE WITH ITEM 619.01 AND THE TRAFFIC CONTROL SHEETS. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF SECTION 107, LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC, OF THE LATEST REVISIONS OF THE STANDARD SPECIFICATIONS REFERENCED IN THE PROJECT "PROPOSAL". EXCEPT AS MODIFIED IN THESE PLANS AND/OR BY CHANGES SET FORTH IN THE PROJECT "PROPOSAL".
2. WHEN POSSIBLE, LANE CLOSURE TAPERS SHALL BE ESTABLISHED AWAY FROM CONFLICT POINTS, SUCH AS RAMPS. LANE CLOSURE TAPERS MUST ORIGINATE AT LOCATIONS TO PROVIDE OPTIMAL VISIBILITY.
3. THE PROPOSED LANE CLOSURE SCHEDULE FOR EACH WEEK SHALL BE SUBMITTED TO THE ENGINEER AT LEAST ONE WEEK IN ADVANCE AND SHALL INCLUDE LAYOUTS AND SIGNING.
4. THE MINIMUM AVAILABLE TRAVEL WAY WIDTH MADE AVAILABLE AT ALL TIMES SHALL BE 11 FT. OR AS APPROVED BY THE NYSTA.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR EMERGENCY VEHICLES THROUGHOUT THE PROJECT AREA AT ALL TIMES. ALL EXISTING HIGHWAY MEDIAN TURNAROUND AREAS SHALL REMAIN OPEN FOR EMERGENCY VEHICLE USE, EXCEPT AS MODIFIED IN THESE PLANS AND/OR BY CHANGES SET FORTH IN THE PROJECT "PROPOSAL".

CHANGING WZTC SCHEMES:

1. WHEN IT IS NECESSARY TO CHANGE THE LANES THAT ARE CLOSED TO TRAFFIC, THE CONTRACTOR SHALL BE REQUIRED TO FIRST REMOVE ALL DRUMS, CONES, SIGNS, ARROWS, AND THE LIKE SO THAT ALL LANES ARE OPEN BEFORE THE NEW SCHEME IS SET IN PLACE. THIS METHOD MAY BE MODIFIED BY THE ENGINEER, AS NECESSARY.
2. WHEN REOPENING TRAVEL LANES TO TRAFFIC, THE CONTRACTOR SHALL START BY REMOVING THE CONES AT THE FAR END OF THE LANE CLOSURE AND WORK TOWARDS THE SIGNS AT THE BEGINNING OF THE LANE CLOSURE. THE SIGNS ARE NOT TO BE TAKEN DOWN UNTIL ALL TRAFFIC CONTROL DEVICES HAVE BEEN REMOVED.

CONSTRUCTION VEHICLE NOTES:

1. DURING NON-WORKING HOURS, ALL CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED AT LEAST 30 FT FROM THE EDGE OF PAVEMENT OR BE PROTECTED BY A GUIDE RAIL SYSTEM APPROVED BY THE ENGINEER.
2. PRIVATE VEHICLES OWNED BY THE CONTRACTOR OR THE CONTRACTOR'S WORKERS SHALL NOT BE PARKED ON THE PAVEMENT, OR SHOULDERS, OR ANY OTHER AREAS DEEMED BY THE ENGINEER TO BE HAZARDOUS LOCATIONS.
3. DRIVING AGAINST TRAFFIC AT ANY TIME, REGARDLESS OF WHETHER THE AREA HAS BEEN CLOSED TO TRAFFIC, SHALL NOT BE PERMITTED, EXCEPT FOR TRAFFIC DRUM PICKUP, AND AS SPECIFICALLY PERMITTED BY THE ENGINEER.
4. ESCORT VEHICLES EQUIPPED WITH A ROTATING AMBER LIGHT OR AN OPERATING ARROW PANEL SHALL BE REQUIRED WHEN TRANSPORTING SLOW -MOVING CONSTRUCTION EQUIPMENT ALONG ANY PORTION OF THE ROADWAY OPEN TO TRAFFIC.

ROADSIDE HAZARD NOTES:

1. EXISTING GUIDE RAIL SHALL REMAIN IN PLACE UNTIL CONSTRUCTION ACTIVITIES NECESSITATE REMOVAL. NEW GUIDE RAIL SHALL BE INSTALLED WITHIN 14 DAYS IN ACCORDANCE WITH SECTION 619-3.02.E. DELINEATION AND DROP-OFF PROTECTION SHALL BE AS SPECIFIED IN SECTION 619 WORK ZONE TRAFFIC CONTROL.

NIGHTTIME CONSTRUCTION NOTES:

1. THE CONTRACTOR IS ADVISED THAT THE MAJORITY OF THE DECK DEMOLITION WORK DURING THIS CONTRACT IS EXPECTED TO BE COMPLETED DURING NIGHTTIME CLOSURES. COORDINATE WORK HOURS WITH THE AUTHORITY.
2. THE CONTRACTOR SHALL PROVIDE LIGHTING FOR ALL NIGHTTIME OPERATIONS IN ACCORDANCE WITH ITEM 619.24 - NIGHTTIME OPERATIONS.
3. THE CONTRACTOR SHALL SUBMIT A NIGHTTIME CONSTRUCTION PROCEDURE PLAN, AND LIGHTING PLAN FOR APPROVAL BY THE ENGINEER.
4. PRIOR TO ANY NIGHTTIME OPERATIONS, THE CONTRACTOR SHALL CONDUCT A NIGHTTIME MOCK RUN OF THEIR PROPOSED LIGHTING SCHEME WHICH SHALL BE VIEWED BY THE ENGINEER FOR APPROVAL. NIGHTTIME WORK SHALL NOT BE SCHEDULED TO COMMENCE ON THIS NIGHT.

FLASHING ARROW PANELS:

1. FLASHING ARROW PANELS SHALL COMPLY WITH SECTION 729-15 OF THE STANDARD SPECIFICATIONS.
2. THE COST OF THE FLASHING ARROW PANEL SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01.

PORTABLE VARIABLE MESSAGE SIGNS (PVMS):

1. THE CONTRACTOR IS TO COORDINATE THE PROPOSED LOCATIONS AND MESSAGES WITH THE ENGINEER, THRUWAY SAFETY AND NYSDOT REG 2 TRAFFIC SAFETY.
2. ASSUME SIX (6) PROPOSED PVMS LOCATIONS, TO HELP ESTABLISH THE ROUTE 46 DETOUR, PAID UNDER ITEM 619.110513.
3. ASSUME TWO (2) PROPOSED PVMS LOCATIONS, ONE IN EACH DIRECTION ON THE MAINLINE, TO PROVIDE ADVANCED WARNING FOR THE BRIDGE DEMO/CONSTRUCTION OPERATIONS, PAID UNDER ITEM 619.110513.

STOPPING THRUWAY TRAFFIC FOR WORK ACTIVITIES:

1. TRAFFIC ON THE THRUWAY SHALL BE STOPPED BY THE STATE POLICE ONLY. AN EXCEPTION MAY BE MADE IN CASE OF AN EMERGENCY AS DETERMINED BY THE ENGINEER OR DIVISION TRAFFIC SUPERVISOR.
2. TRAFFIC MAY NOT BE STOPPED FOR MORE THAN 10 MINUTES UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. THE 10 MINUTES SHALL START WHEN THE STATE POLICE CAR COMES TO A COMPLETE STOP.
3. ONCE REOPENED TO TRAFFIC, THE ROADWAY SHALL NOT BE FULLY CLOSED AGAIN UNTIL ALL STOPPED TRAFFIC HAS CLEARED.
4. THE NEW YORK STATE POLICE SHALL BE GIVEN SEVEN (7) CALENDAR DAYS NOTICE BY THE ENGINEER WHEN CONSTRUCTION OPERATIONS REQUIRE STOPPING TRAFFIC. THE CONTRACTOR SHALL SCHEDULE OPERATIONS ACCORDINGLY AND PROVIDE THE ENGINEER ADEQUATE NOTICE. FAILURE OF THE CONTRACTOR TO PROVIDE ADEQUATE NOTICE TO THE ENGINEER WILL RESULT IN DELAYS TO THE CONTRACTOR'S SCHEDULED OPERATIONS.
5. THE PVMS SHALL BE PROGRAMMED WITH THE MESSAGE "STOPPED TRAFFIC AHEAD". THE PVMS SHALL BE PROGRAMMED THE MORNING OF THE STOPPAGE. THEY SHALL BE TURNED OFF WHEN TRAFFIC IS OPENED.
6. THE PORTABLE VARIABLE MESSAGE SIGNS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER.
7. STOPPAGE OF TRAFFIC WILL ONLY BE ALLOWED DURING THE HOURS OF 12:00 AM TO 5:00AM.
8. TRAFFIC SHALL NOT BE STOPPED IN BOTH DIRECTIONS SIMULTANEOUSLY.

ANTICIPATED SEQUENCE OF OPERATIONS:

NORTH MAIN STREET


CLOSE ROADWAY UTILIZING THE DETOUR SHOWN ON DWGS TC-2 THRU TC-4.

MAINLINE THRUWAY

1. UTILIZE DAILY SHOULDER OR LANE CLOSURES, PREP EXISTING SUPERSTRUCTURE FOR REMOVAL.
2. UTILIZE TEMPORARY STOPPAGES TO REMOVE SUPERSTRUCTURE.
3. UTILIZE LEFT SHOULDER CLOSURES, AS SHOWN ON DWGS TC-5AND TC-6. REMOVE EXISTING MEDIAN PIER. CONSTRUCT NEW MEDIAN PIER, AND MEDIAN BARRIER MODIFICATIONS.
4. UTILIZE RIGHT SHOULDER CLOSURES, AS SHOWN ON DWGS TC-7 AND TC-8. REMOVE EXISTING PIERS AND ABUTMENTS. CONSTRUCT NEW ABUTMENTS AND COMPLETE BARRIER MODIFICATIONS.
5. UTILIZE TEMPORARY STOPAGES TO CONSTRUCT SUPERSTRUCTURE.
6. UTILIZE DAILY SHOULDER OR LANE CLOSURES TO COMPLETE SUPERSTRUCTURE AND RESTORE VEGETATION.



CONSTRUCTION COMPLETION

REMOVE DETOUR.

ALTERED ON:	AFFIXED ON: September 16, 2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:  EXPIRATION: 10/31/2028

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
	TITLE OF DRAWING TRAFFIC CONTROL NOTES	DRAWING NUMBER: TC-1
	Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.483.9431 GPINET.COM	

CHECKED BY: G. KEHN

DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

DETOUR SIGN SCHEDULE

A

46

OVER THRUWAY
CLOSED
FOLLOW DETOUR

MM-DD-YY

WZTC-1
(72x54)
SEE NOTE 1

WZTC-2
(60x12)
SEE NOTE 1

B

DETOUR

NORTH

46

M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)

C

DETOUR

SOUTH

46

M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)

D

DETOUR

NORTH

46

M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)
M6-3
(21x15)

E

DETOUR

NORTH

46

M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)
M5-1L
(21x15)

F

DETOUR

NORTH

46

M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)
M6-1L
(21x15)

G

DETOUR

SOUTH

46

M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)
M6-3
(21x15)

H

DETOUR

SOUTH

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M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)
M5-1R
(21x15)

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DETOUR

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M4-8
(24x12)
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NYM3-1
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M6-1R
(21x15)

J

END
DETOUR

NORTH

46

M4-8a
(24x18)
M3-1
(24x12)
NYM3-1
(24x24)

K

DETOUR

NORTH

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M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)
M5-1R
(21x15)

L

DETOUR

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(24x12)
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M

END
DETOUR

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(24x18)
M3-1
(24x12)
NYM3-1
(24x24)

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DETOUR

SOUTH

46

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(24x12)
NYM3-1
(24x24)
M5-1L
(21x15)

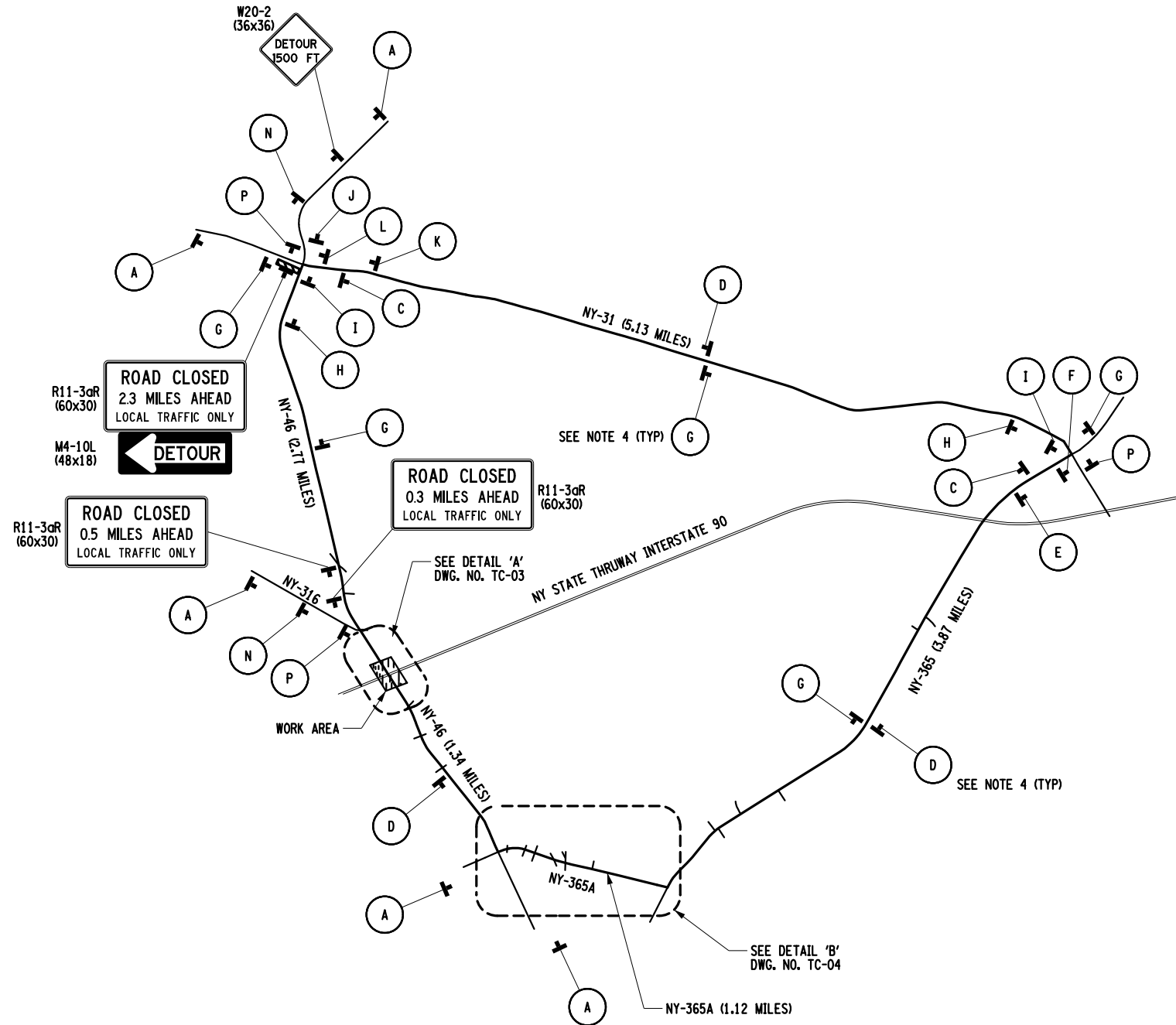
P

DETOUR

SOUTH

46

M4-8
(24x12)
M3-1
(24x12)
NYM3-1
(24x24)
M6-1L
(21x15)



NOTES:

1. THE CONTRACTOR SHALL INSTALL SIGNS WZTC-1 & WZTC-2 AS SHOWN ON THIS SHEET AT LEAST 21 CALENDAR DAYS PRIOR TO CLOSING THE ROAD USING TEXT DESIGNATION MONTH-DAY-YEAR (MM-DD-YY). THE NYSTA AND CONTRACTOR WILL DETERMINE THE DATE FOR THE SIGN TEXT BEFORE FABRICATION OF SIGNS AND THE COUNTY SHALL BE NOTIFIED WHEN THESE SIGNS WILL BE INSTALLED. ONCE THE ROAD IS CLOSED, SIGN WZTC-2 SHALL BE REMOVED TO REPLACE "MM-DD-YY" TEXT WITH "FOLLOW DETOUR". THESE SIGNS SHALL BE REMOVED WHEN THE BRIDGE IS REOPENED TO TRAFFIC, ALONG WITH THE REST OF THE DETOUR PACKAGE.
2. SIGN LOCATIONS SHOWN ARE APPROXIMATE, REFER TO NYSDOT STANDARD SHEET(S) 619-503 FOR TYPICAL PLACEMENT DIMENSION GUIDANCE OF DETOUR SIGNS.
3. COVER ANY CONFLICTING SIGNS, PAYMENT UNDER ITEM 619.01. (INCLUDES DESTINATION SIGNS)
4. CONFIRMATION SIGNS (D & G) SHALL BE REPEATED AT A MAXIMUM DISTANCE OF EVERY HALF MILE, IN ACCORDANCE WITH NYSDOT STANDARD SHEET 619-503.

ALTERED ON:

AFFIXED ON:
September 16, 2025

SIGNATURE:
STAMP:

STATE OF NEW YORK

CHRISTOPHER C. CORNWELL

086050

PROFESSIONAL ENGINEER

EXPIRATION: 10/31/2028

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**Thruway
Authority**

GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.463.9431 | GPINET.COM

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
TRAFFIC CONTROL - DETOUR PLAN
NORTH MAIN STREET (NY 46)

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
TC-2

CHECKED BY: G. KEHN

DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

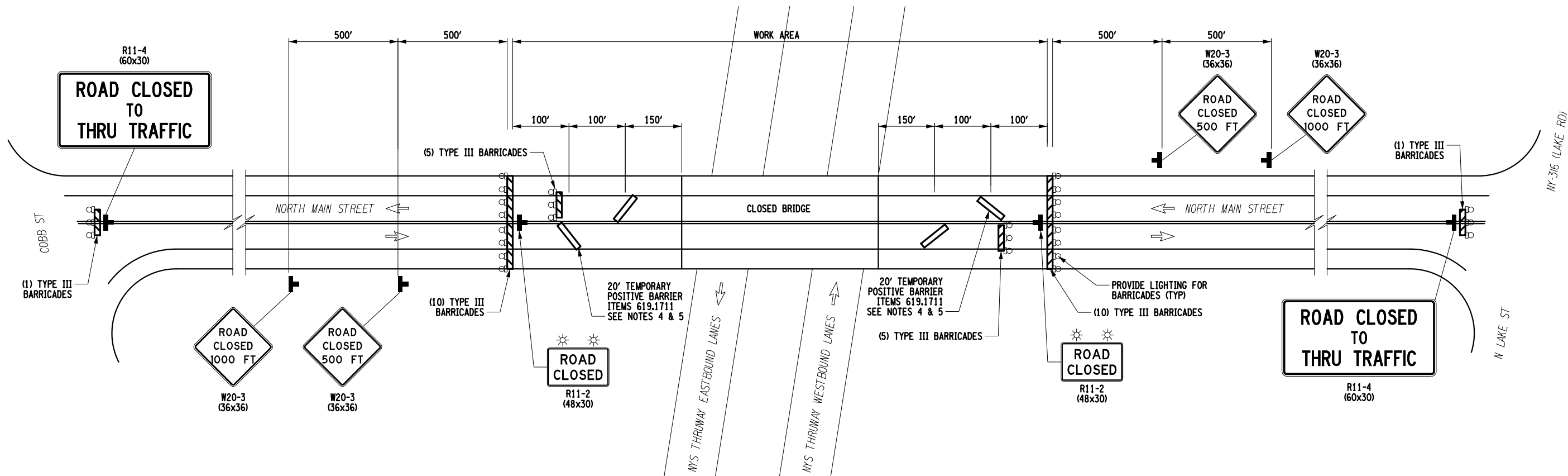
DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

15

71

NORTH
GRID




NOTES:

1. ALL DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.
2. DETAILS ON THE DRAWING LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.
3. EXACT SIGN PLACEMENT IS A.O.B.E.
4. THE TEMPORARY CONCRETE BARRIER SHALL BE REPLACED WITH TYPE III BARRICADES WHEN THE DROP-OFF NO LONGER EXISTS.
5. PLACE TEMPORARY CONCRETE BARRIER AT A 15° ANGLE. BARRIER IS NOT STAKED TO PAVEMENT. AREA BEHIND THE BARRIER MUST REMAIN FREE OF DEBRIS AND PARKED EQUIPMENT TO ASSURE BARRIER DEFLECTION.
6. ALL TYPE III BARRICADES AT CLOSURE POINTS SHALL HAVE WARNING LIGHTS.

BRIDGE CLOSURE DETAIL A
NOT TO SCALE

LEGEND

CONSTRUCTION SIGN (INCLUDED IN THE UNIT PRICE BID FOR ITEM 619.01)	+
TYPE 'B' HIGH INTENSITY FLASHING BEACON (INCLUDED IN THE UNIT PRICE BID FOR ITEM 619.01)	⚡ ⚡
LIGHTING FOR CONSTRUCTION BARRICADES (INCLUDED IN THE UNIT PRICE BID FOR ITEM 619.04)	⬢ ⬢ ⬢
TYPE III BARRICADE, ITEM 619.04	▤
TEMPORARY POSITIVE BARRIER - CATEGORY 1, ITEM 619.1711	▬

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**Thruway
Authority**

GPI

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80 Wolf Road, Suite 600
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TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
TRAFFIC CONTROL
DETAIL A

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
TC-3

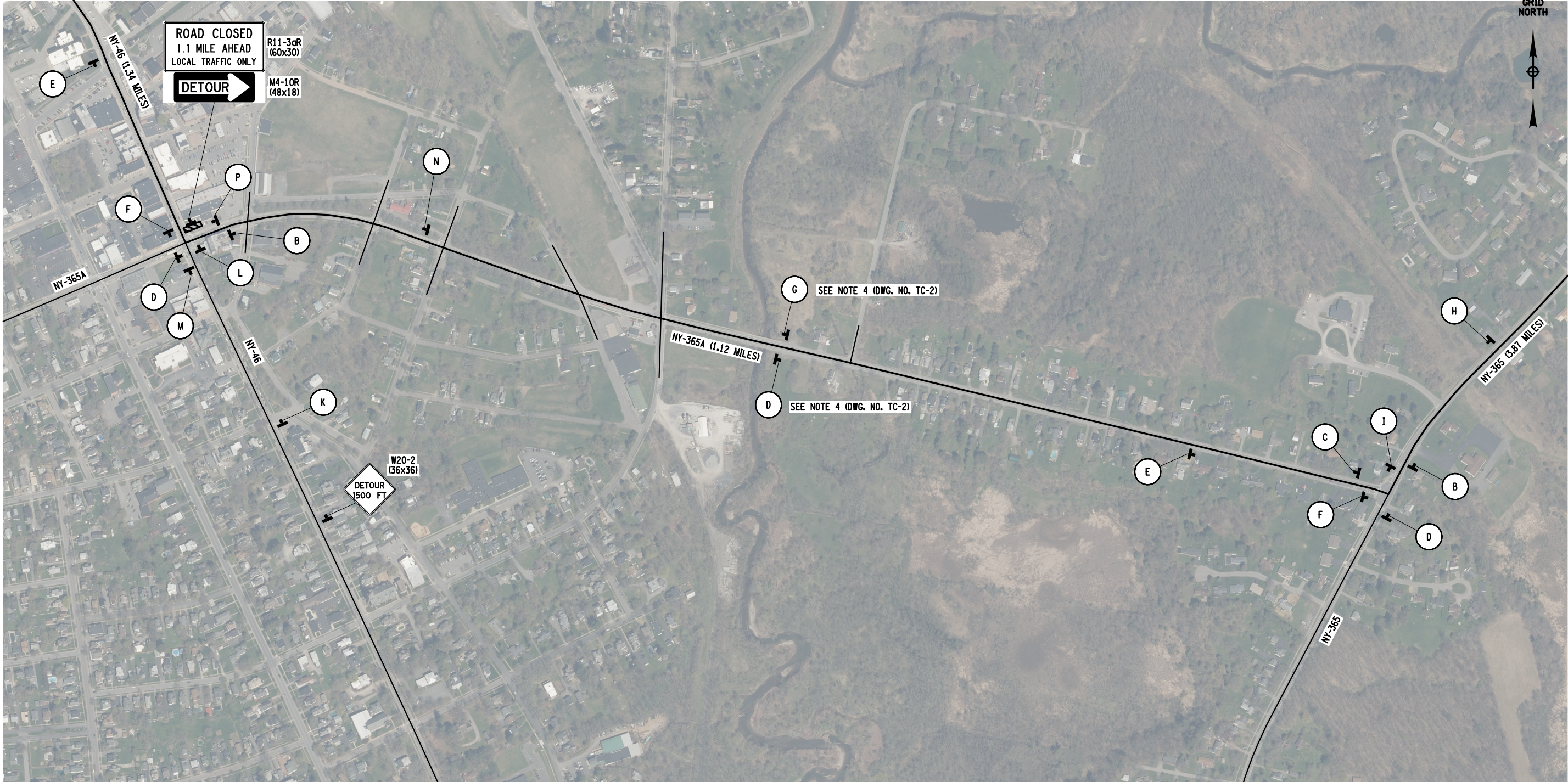
CHECKED BY: G. KEHN

DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET




DETAIL B
NOT TO SCALE


NOTES:
1. REFER TO DWG. NO. TC-2 FOR DETOUR SIGN SCHEDULE AND NOTES.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**Thruway
Authority**



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TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
TRAFFIC CONTROL
DETAIL B

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
TC-4

ALTERED ON:

SIGNATURE:
STAMP;

AFFIXED ON:
September 16, 2025

SIGNATURE:
STAMP;

EXPIRATION: 10/31/2028

LEGEND	
CONSTRUCTION SIGN	T
TYPE III BARRICADE, ITEM 619.04	B

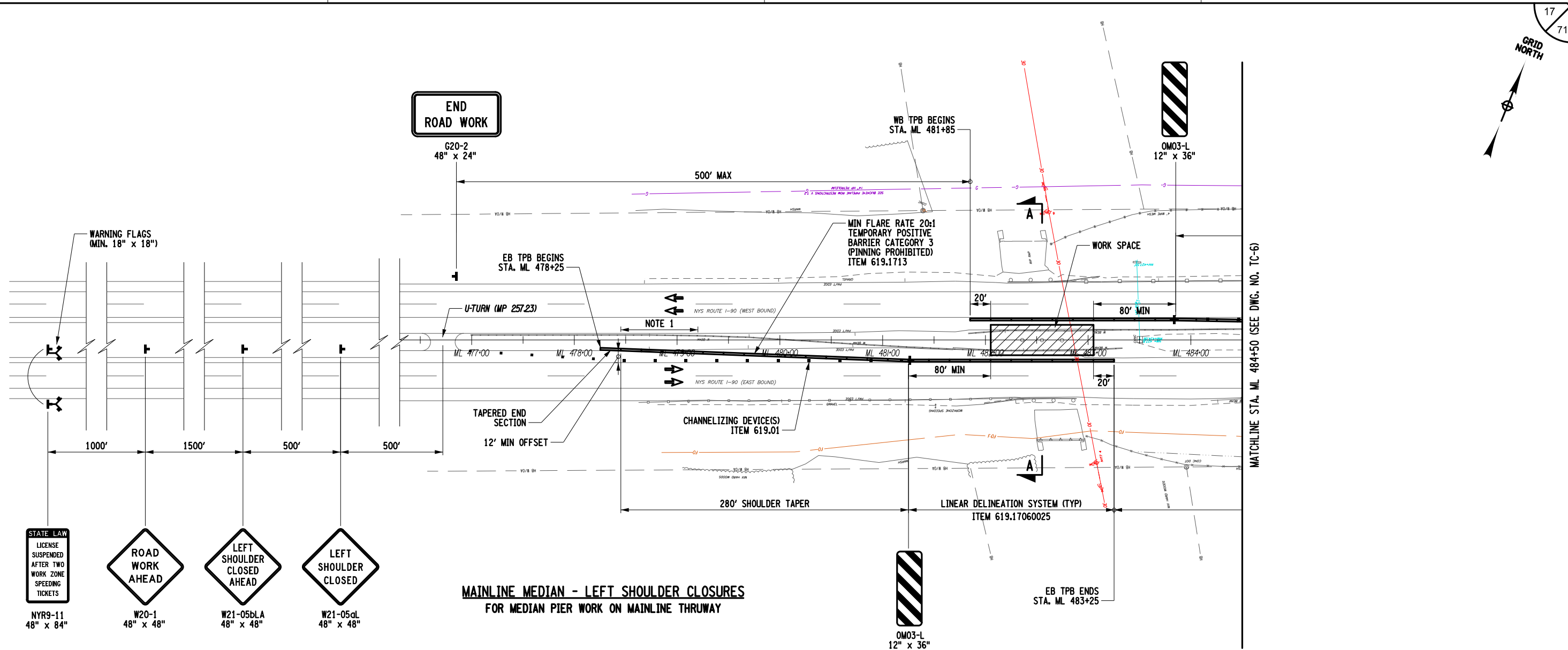
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CHECKED BY: C. CORNWELL

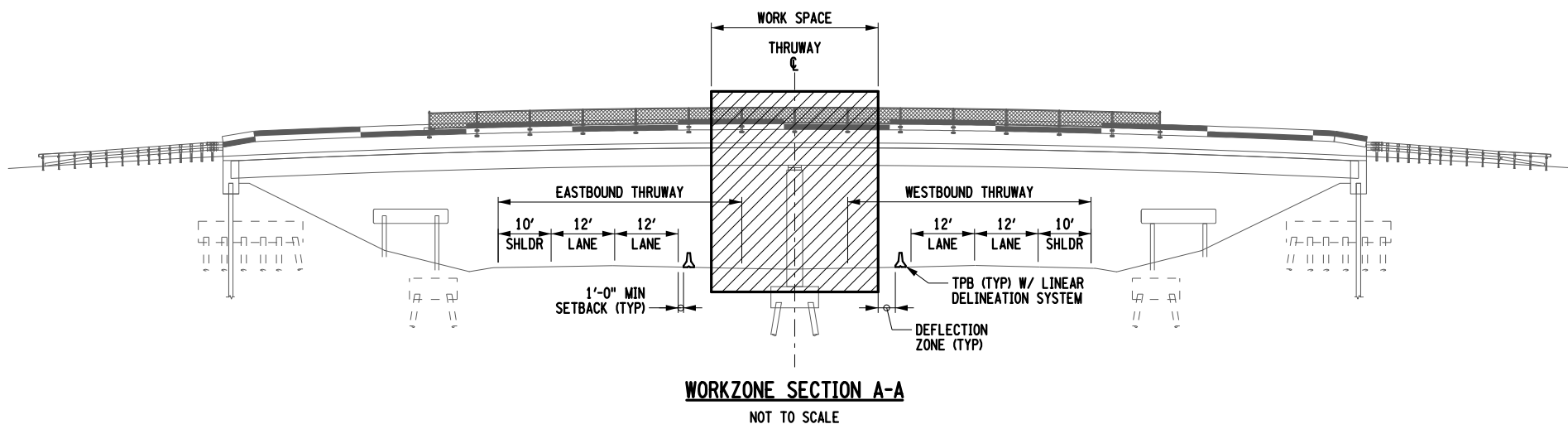
DESIGNED BY: G. KEHN


DESIGN SUPERVISOR: J. SIMULET



NOTE:



1. DURING THE REMOVAL OF THE EXISTING RAILING, MAINTAIN A MIN. 75' OVERLAP WITH THE TEMPORARY POSITIVE BARRIER AND THE END OF THE EXISTING BARRIER SHALL BE PROPERLY ANCHORED. THE COST OF TEMPORARY ANCHORS SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RAILING REMOVAL ITEMS.



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 Thruway Authority	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
 Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.483.9431 GPINET.COM	TITLE OF DRAWING TRAFFIC CONTROL MAINLINE MEDIAN SHOULDERS	DRAWING NUMBER: TC-5

CHECKED BY: G. KEHN

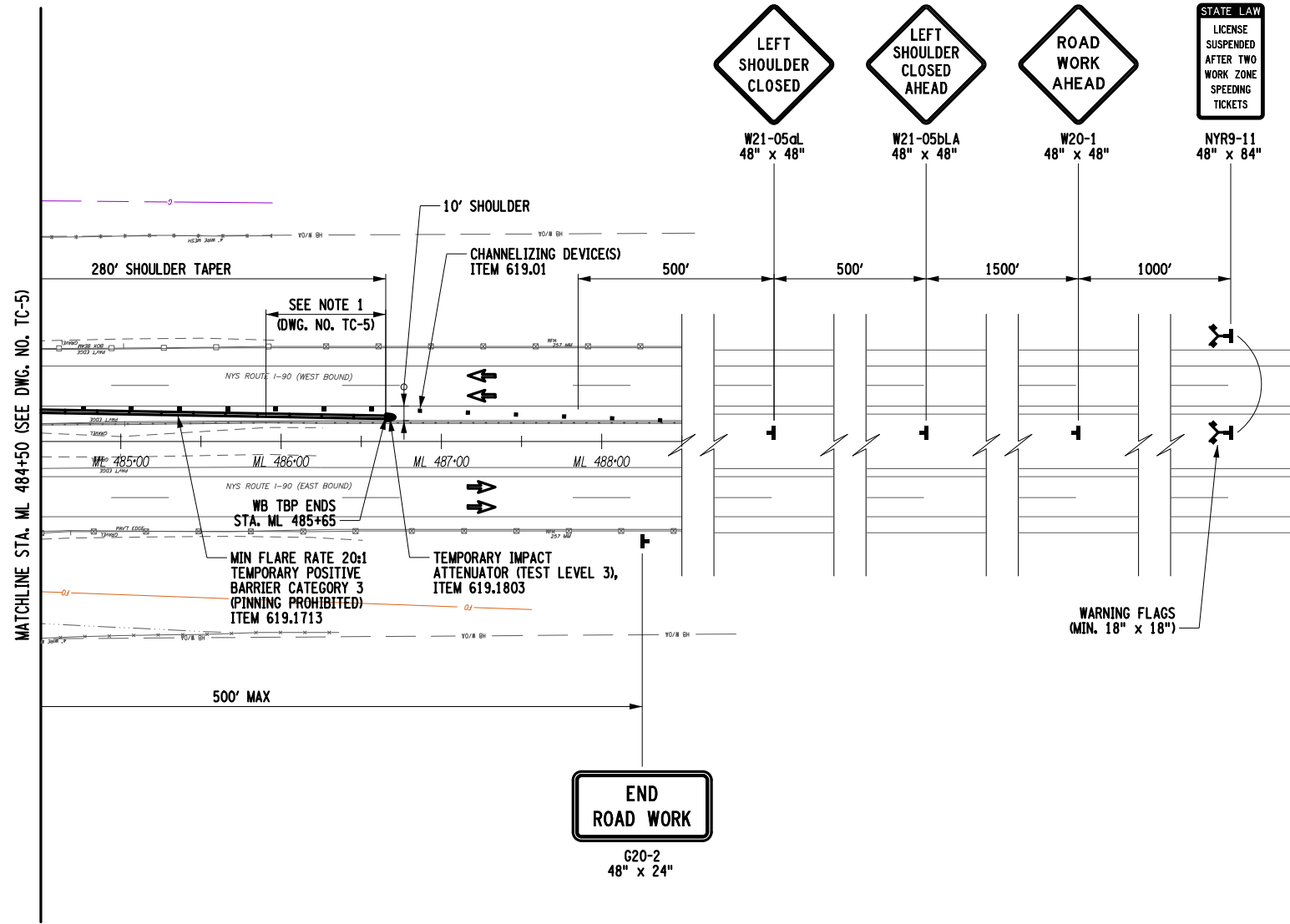
DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL


DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

18
71





MAINLINE MEDIAN - LEFT SHOULDER CLOSURES
FOR MEDIAN PIER WORK ON MAINLINE THRUWAY

ALTERED ON:	AFFIXED ON: September 16, 2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 Thruway Authority	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
 Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.463.9431 GPINET.COM	TITLE OF DRAWING TRAFFIC CONTROL MAINLINE MEDIAN SHOULDERS	DRAWING NUMBER: TC-6

CHECKED BY: G. KEHN

DRAFTED BY: M. ROMANO

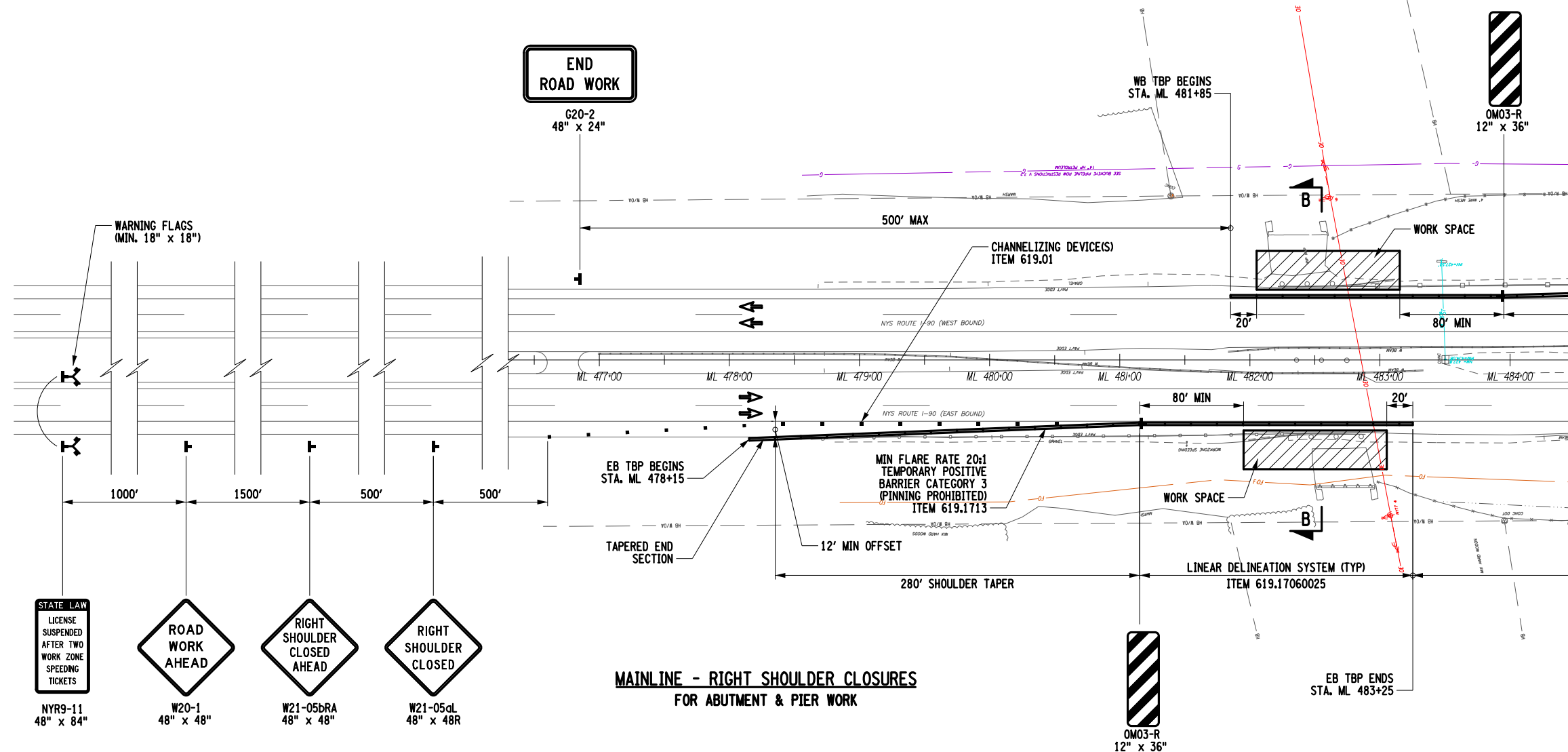
CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

19
71

GRID
NORTH



STATE LAW
LICENSE
SUSPENDED
AFTER TWO
WORK ZONE
SPEEDING
TICKETS

NYR9-11
48" x 84"

ROAD
WORK
AHEAD

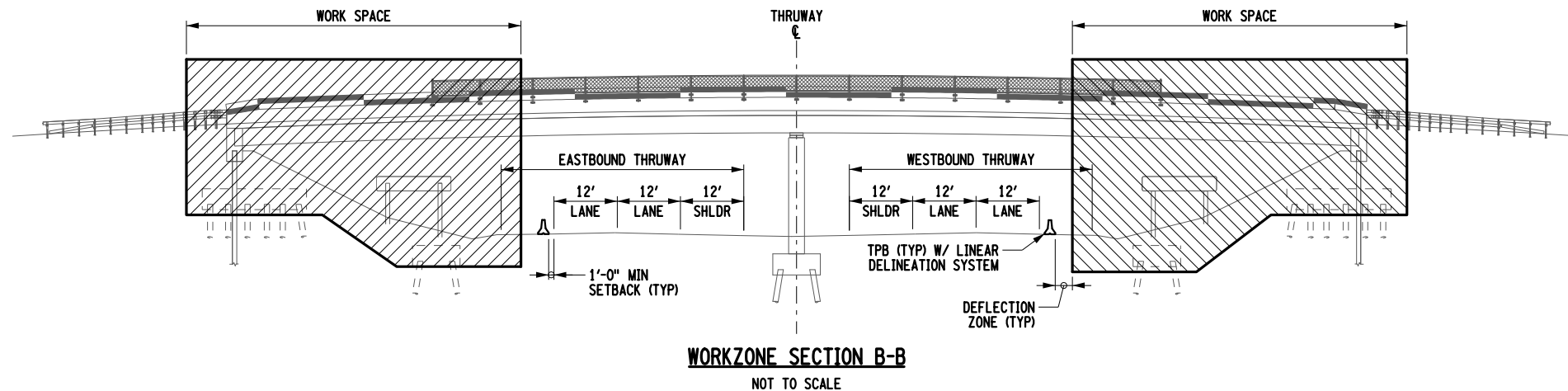
W20-1
48" x 48"

RIGHT
SHOULDER
CLOSED
AHEAD

W21-05bRA
48" x 48"

RIGHT
SHOULDER
CLOSED

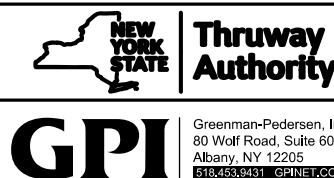
W21-05dL
48" x 48R



ALTERED ON:	AFFIXED ON: September 16, 2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING TRAFFIC CONTROL MAINLINE RIGHT SHOULDERS	DRAWING NUMBER: TC-7

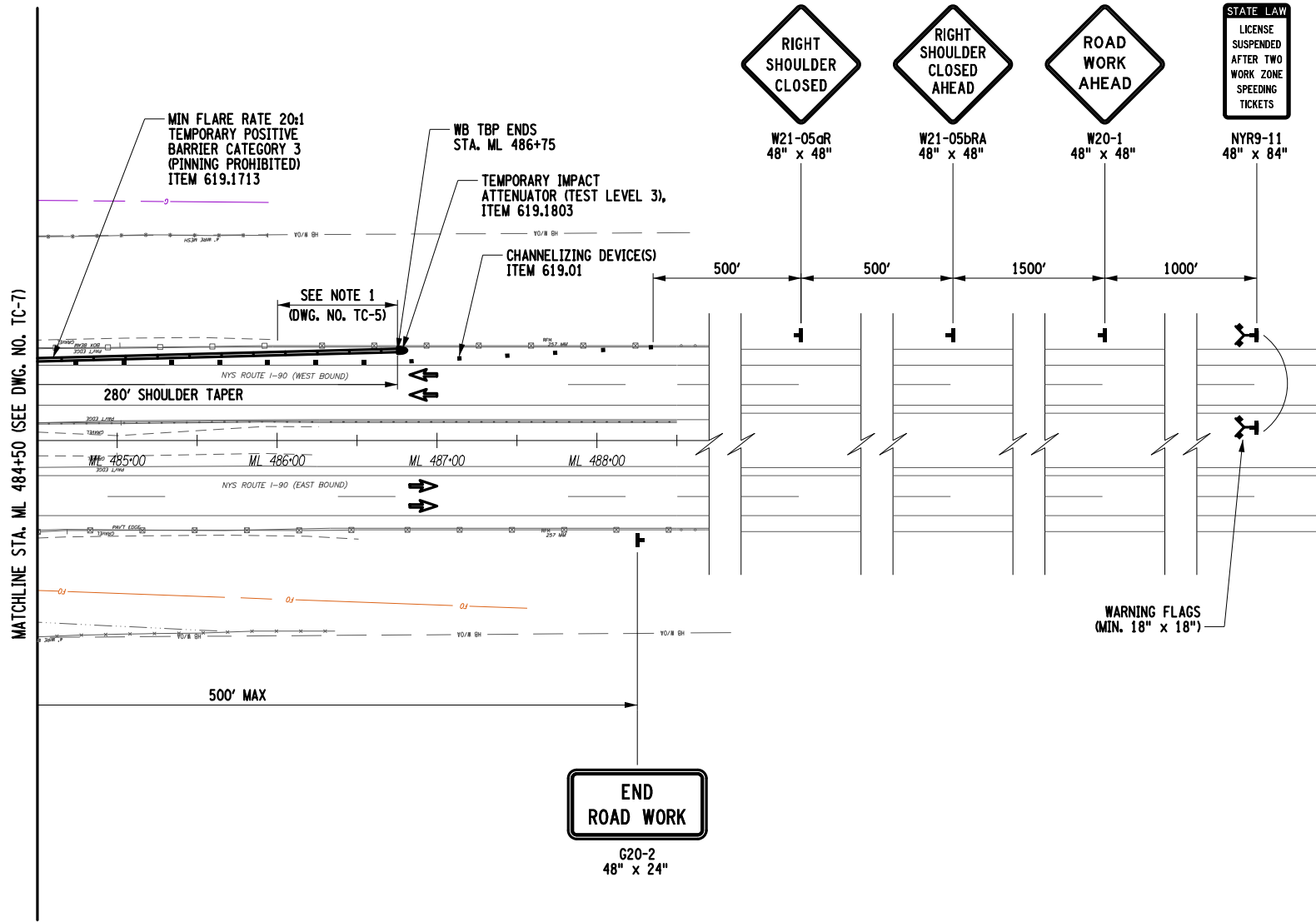
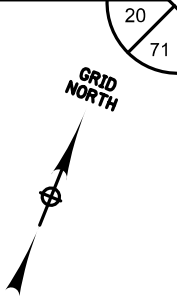
CHECKED BY: G. KEHN

DRAFTED BY: M. ROMANO


CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET




MAINLINE - RIGHT SHOULDER CLOSURES
FOR ABUTMENT & PIER WORK

ALTERED ON:	AFFIXED ON: September 16, 2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

 GPI Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.463.9431 GPINET.COM	Thruway Authority	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
		LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
		TITLE OF DRAWING TRAFFIC CONTROL MAINLINE RIGHT SHOULDERS	DRAWING NUMBER: TC-8

CHECKED BY: G. KEHN

DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

NOTES:

1. REFER TO DWG. NO. TC-2 THRU TC-4 FOR VEHICULAR DETOUR AND NOTES.

LEGEND

CONSTRUCTION SIGN

September 16, 2025



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REVISIONS

DATE	DESCRIPTION	BY	SYM.



Thruway
Authority

GPI

Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Albany, NY 12205
518.483.9431 | GPINET.COM

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

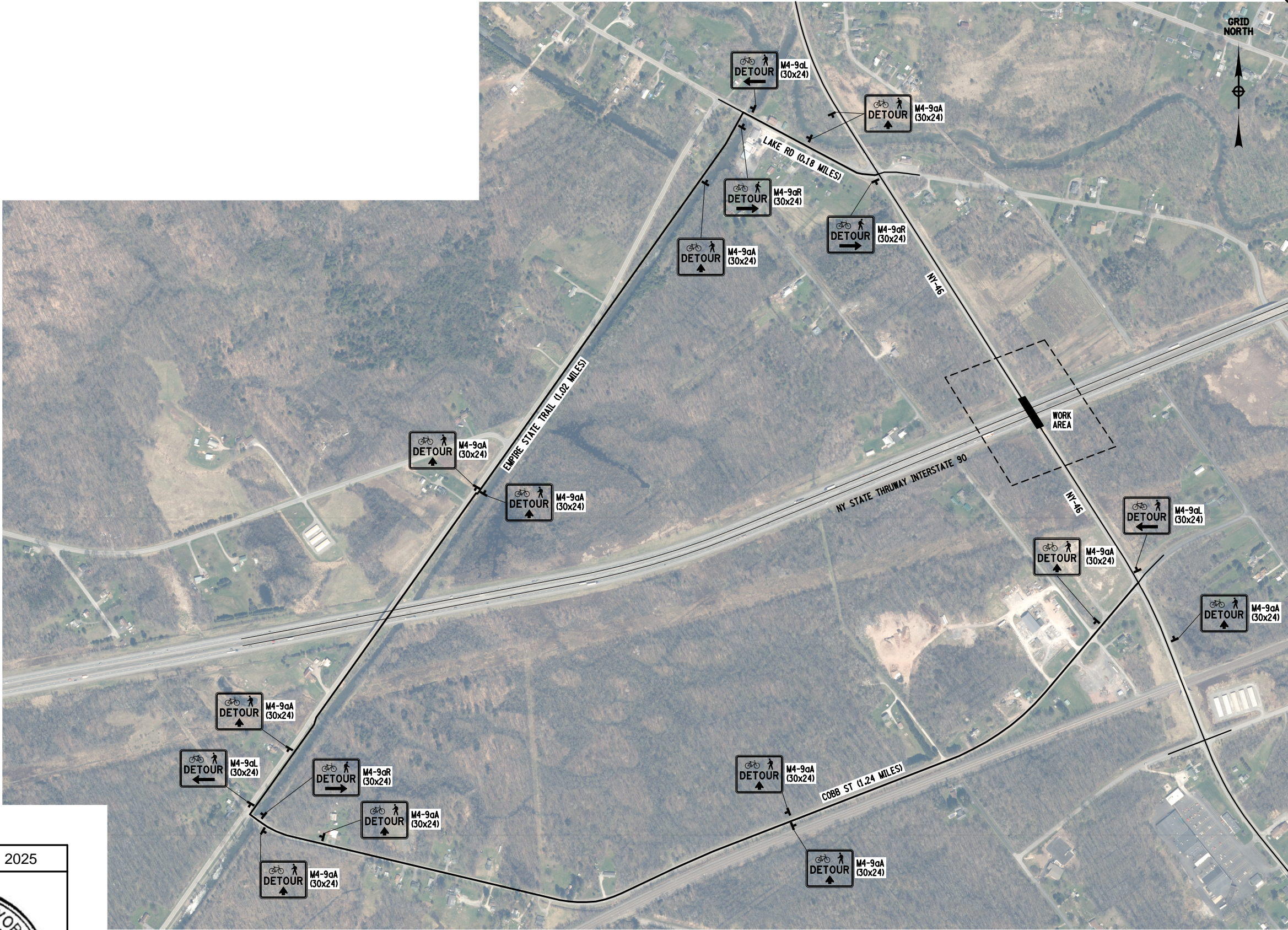
TITLE OF DRAWING

TRAFFIC CONTROL - DETOUR PLAN
PEDESTRIAN & BICYCLE

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
TC-9



PEDESTRIAN AND BICYCLE DETOUR PLAN

NOT TO SCALE

CHECKED BY: G. KEHN

DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL


DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

ALTERED ON:

September 16, 2025

SIGNATURE:
STAMP;




EXPIRATION: 10/31/2028


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.



Thruway Authority



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80 Wolf Road, Suite 600
Albany, NY 12205
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TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
MISCELLANEOUS TABLES

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
MT-1

GUIDE RAILING INSTALLATION TABLE								
BEGIN STATION	END STATION	SIDE	ITEM 606.10 (LF)	ITEM 606.120101 (EA)	ITEM 606.2701 (LF)	ITEM 606.2801 (LF)	ITEM 606.83 (EA)	ITEM 606.8905 (EA)
NORTH MAIN STREET (NY 46)								
NM 7+48	NM 9+61	LT	213.0					
NM 7+56	NM 9+54	RT	198.0					
NM 12+45	NM 14+44	LT	199.0					
NM 12+38	NM 14+37	RT	199.0					
	NM 5+48	LT					1	
	NM 5+56	RT					1	
	NM 14+44	LT					1	
	NM 14+37	RT					1	
NYS INTERSTATE ROUTE 90 (THRUWAY)								
	ML 482+19	RT		1				
	ML 482+91	LT		1				
ML 478+20	ML 485+45	LT			726.0			
ML 478+20	ML 485+45	RT			726.0			
ML 477+95	ML 478+20	LT				25.0		
	ML 485+45	LT						1
TOTALS:			809	2	1452	25	4	1

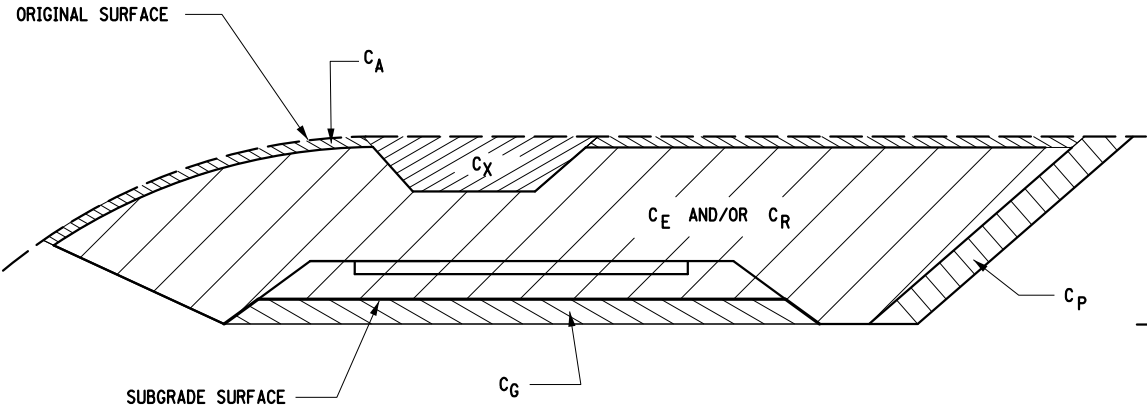
GUIDE RAILING REMOVAL TABLE							
BEGIN STATION	END STATION	SIDE	ITEM 606.72 (FT)	ITEM 606.73 (LF)	ITEM 606.7510 (LF)	ITEM 606.79 (EA)	ITEM 606.7910 (EA)
NORTH MAIN STREET (NY 46)							
NM 7+78	NM 9+66	RT		188.0			
NM 7+96	NM 9+72	LT		176.0			
NM 12+25	NM 14+51	RT		226.0			
NM 12+33	NM 14+47	LT		214.0			
	NM 9+55	LT				1	
	NM 9+56	RT				1	
	NM 12+75	LT				1	
	NM 12+86	RT				1	
NYS INTERSTATE ROUTE 90 (THRUWAY)							
ML 481+83	ML 485+45	LT	412.0				
ML 478+20	ML 483+33	RT	514.0				
ML 481+98	ML 482+50	RT		52.0			
ML 482+67	ML 483+19	LT		52.0			
ML 481+99	ML 482+89	RT			90.0		
ML 482+22	ML 483+12	LT			90.0		
	ML 481+83	LT					1
	ML 483+33	RT					1
TOTALS:			926	908	180	4	2

STRIPING & AUDIBLE DELINEATORS TABLE								
BEGIN STATION	END STATION	SIDE	TYPE	DESIGN LENGTH	PAY FACTOR	ITEM 685.1102	ITEM 685.1202	ITEM 649.11
NM 6+50	NM 15+80	CL	CARDS	930				930.0
NM 6+50	NM 15+80	CL	YSDL	930	2		1860.0	
NM 6+50	NM 15+80	LT	WEL	930	1	930.0		
NM 6+50	NM 15+80	RT	WEL	930	1	930.0		
TOTALS:						1860 LF	1860 LF	930 LF

DELINEATORS & SNOWPLOW MARKERS				
LOCATION	SIDE	ITEM NUMBER		
		646.21	646.32	647.83001002
NORTH MAIN STREET (NY 46)				
NM 13+04.00	LT	1	1	1
TOTALS:		1	1	1

SUMMARY OF EARTHWORK (ITEMS 203.02 AND 203.03 ONLY)					
SOURCE	EXCAVATION			ITEM 203.02	ITEM 203.03
	T _E	C _R	T _U	C _T	F _T
BRIDGE					1025.0
NORTH MAIN STREET				631.0	621.0
TOTALS			0.0	631.0	1646.0

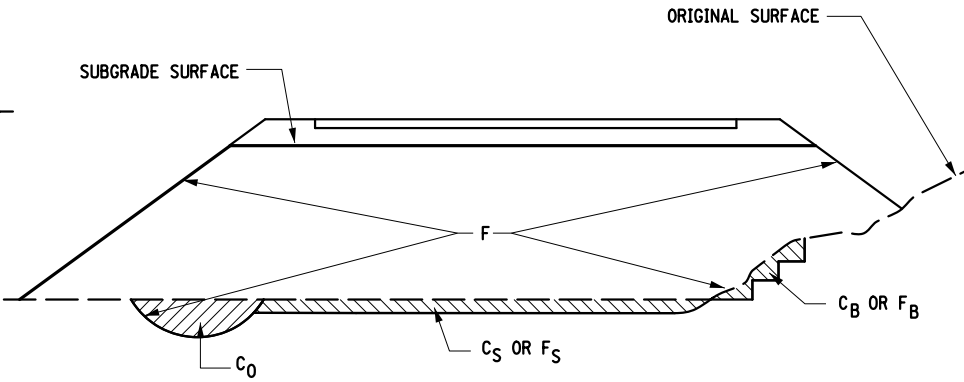
SUMMARY OF TRENCH AND CULVERT EXCAVATION (ITEMS 206.0201 ONLY)			
SOURCE	EXCAVATION		ITEM 206.0201
	ROCK	NON-ROCK	
TOTALS	0.0	0.0	0.0



CUT SECTION

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_O - EXCAVATION OF UNSUITABLE MATERIAL BENEATH EMBANKMENT: SWAMP OR DUMP
- T_U - (C_A + C_S + C_X + C_O) 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.



FILL SECTION

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 × F_E + C_R × 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

REVISIONS					TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
DATE	DESCRIPTION	BY	SYM.			
					LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
				Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.483.9431 GPINET.COM	TITLE OF DRAWING EARTHWORK SUMMARY (SHEET 1 OF 2)	DRAWING NUMBER: EW-1

CHECKED BY: G. KEHN

DRAFTED BY: M. ROMANO

CHECKED BY: C. CORNWELL

DESIGNED BY: G. KEHN

DESIGN SUPERVISOR: J. SIMKULET

SUBDIVISION NO.	LOCATION (STATION TO STATION)	SUITABLE EXCAVATION					ROCK	UNSUITABLE EXCAVATION					TOTAL EXCAVATION	EMBANKMENT			
		C _B	C _G	C _P	C _E	T _E	C _R	C _A	C _S	C _X	C _O	T _U	C _T	F _B	F _S	F	F _T
1	N.MAIN ST. - SOUTH APPROACH				283	283.0							283.0			242.0	242.0
2	BRIDGE SUBSTRUCTURES															1025.0	1025.0
3	N. MAIN ST. - NORTH APPROACH				348	348.0							348.0			379.0	379.0
TOTALS		0.0	0.0	0.0	631.0	631.0	0.0	0.0	0.0	0.0	0.0	0.0	631.0	0.0	0.0	1646.0	1646.0

FOR DEFINITIONS AND NOTES SEE DWG. ES-1

REVISIONS						Greenman-Pedersen, Inc. 80 Wolf Road, Suite 600 Albany, NY 12205 518.463.9431 GPI.NET.COM	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
DATE	DESCRIPTION	BY	SYM.				LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
							TITLE OF DRAWING EARTHWORK SUMMARY (SHEET 2 OF 2)	DRAWING NUMBER: EW-2

EROSION AND SEDIMENT CONTROL PROJECT STAGING

1.

THE CONTRACTOR WILL BE REQUIRED TO PERFORM ALL CONSTRUCTION OPERATIONS IN A MANNER THAT MINIMIZES SOIL EROSION AND PREVENTS SEDIMENTATION ON LANDS ADJACENT TO OR AFFECTED BY THE WORK AND TAKE MEASURES TO MAINTAIN WATER QUALITY OF RECEIVING WATER BODIES (INCLUDING WETLANDS).
2.

THE AREA OF DISTURBANCE SHALL BE LIMITED TO AN AREA NO GREATER THAN FIVE ACRES AT ANY ONE TIME.
3.

IF THE PROPOSED WORK WILL RESULT IN GREATER THAN FIVE ACRES OF DISTURBANCE AT ONE TIME, THE CONTRACTOR WILL NOT BE ALLOWED TO DISTURB A NEW SECTION OF THE PROJECT UNTIL ALL DISTURBED AREAS ASSOCIATED WITH THE CURRENT SECTION HAVE BEEN STABILIZED, UNLESS OTHERWISE APPROVED BY THE ENGINEER-IN-CHARGE. THE ENGINEER-IN-CHARGE IN CONSULTATION WITH THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR SHALL DETERMINE WHEN STABILIZATION HAS BEEN ACHIEVED.
4.

ALTERATIONS TO THE CONTRACT PLANS AND CONSTRUCTION SEQUENCING THAT WOULD RESULT IN GREATER THAN FIVE ACRES OF DISTURBANCE AT ONE TIME WILL REQUIRE NOTIFICATION TO NYSDEC. IF THE CONTRACT PLANS AND CONSTRUCTION SEQUENCING IS ALTERED, NOTIFICATION TO NYSDEC MUST OCCUR 14 CALENDAR DAYS PRIOR TO COMMENCING WORK.
5.

DUE TO DATE RESTRICTIONS ON CUTTING TREES FOR THE ENDANGERED INDIANA BAT, TREE CUTTING (NOT INCLUDING GRUBBING) IS ALLOWED TO OCCUR IN AREAS THAT ARE OUTSIDE OF THE AREA ACTIVELY BEING WORKED ON. TREE CUTTING IS NOT ALLOWED FROM OCTOBER 1 TO MARCH 31.
6.

"DISTURBED" IS DEFINED AS WORK THAT RESULTS IN SOIL EXPOSURE.
7.

"STABILIZED" IS DEFINED AS HAVING TEMPORARY OR PERMANENT EROSION AND SEDIMENT CONTROL MEASURES IN PLACE, INCLUDING, BUT NOT LIMITED TO, EROSION CONTROL MEASURES THAT COVER EXPOSED SOIL TO MINIMIZE THE SOIL FROM ERODING. PERIMETER SEDIMENT CONTROL MEASURES ALONE ARE NOT CONSIDERED ADEQUATE STABILIZATION.
8.

PRIOR TO BEGINNING ANY DISTURBANCE ACTIVITIES ON A "SECTION" OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A PLAN SHOWING THE LIMITS OF DISTURBANCE, INCLUDING THE AMOUNT OF AREA TO BE DISTURBED, AN EROSION AND SEDIMENT CONTROL PLAN, THAT SUPPLEMENTS THE CONTRACT'S EROSION AND SEDIMENT CONTROL PLAN, AND A PROGRESS SCHEDULE FOR THE ACCOMPLISHMENT OF THE TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK FOR REVIEW AND APPROVAL BY THE ENGINEER-IN-CHARGE. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN SHALL INCLUDE MEASURES THAT MINIMIZE EROSION AND SEDIMENT CONTROL FROM DISTURBED AREAS, INCLUDING, BUT NOT LIMITED TO, EROSION AND SEDIMENT CONTROL FOR STORAGE AND STAGING AREAS, HAUL ROADS AND CONSTRUCTION ENTRANCES, BORROW AREAS, AND DISPOSAL AREAS WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN SHALL BE PREPARED IN ACCORDANCE WITH DEPARTMENT SPECIFICATIONS AND THE GUIDANCE CONTAINED IN THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", LATEST EDITION.
8.

PRIOR TO BEGINNING ANY DISTURBANCE ACTIVITIES ON A "SECTION" OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A PLAN SHOWING THE LIMITS OF DISTURBANCE, INCLUDING THE AMOUNT OF AREA TO BE DISTURBED, AN EROSION AND SEDIMENT CONTROL PLAN, THAT SUPPLEMENTS THE CONTRACT'S EROSION AND SEDIMENT CONTROL PLAN, AND A PROGRESS SCHEDULE FOR THE ACCOMPLISHMENT OF THE TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK FOR REVIEW AND APPROVAL BY THE ENGINEER-IN-CHARGE. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN SHALL INCLUDE MEASURES THAT MINIMIZE EROSION AND SEDIMENT CONTROL FROM DISTURBED AREAS, INCLUDING, BUT NOT LIMITED TO, EROSION AND SEDIMENT CONTROL FOR STORAGE AND STAGING AREAS, HAUL ROADS AND CONSTRUCTION ENTRANCES, BORROW AREAS, AND DISPOSAL AREAS WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN SHALL BE PREPARED IN ACCORDANCE WITH DEPARTMENT SPECIFICATIONS AND THE GUIDANCE CONTAINED IN THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", LATEST EDITION. STAGING / STORAGE AREA TO GENERALLY BE LOCATED AT NYSTA FACILITY ADJACENT TO PROJECT AREA.

STABILIZED CONSTRUCTION ENTRANCE NOTE

1.

A QUANTITY FOR STABILIZED CONSTRUCTION ENTRANCES (ITEM 209.22) IS INCLUDED IN THIS CONTRACT; HOWEVER, LOCATIONS ARE NOT SHOWN ON THE PLANS AND TO ARE BE A.O.B.E. DUE TO ACCESS RESTRICTIONS, ASSUME TWO (2) TOTAL STABILIZED CONSTRUCTION ENTRANCES (I.E. ONE (1) LOCATION PER APPROACH).

SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES

1.

THE CONTRACTOR WILL BE REQUIRED TO PERFORM ALL CONSTRUCTION OPERATIONS IN A MANNER SO AS TO MINIMIZE SOIL EROSION AND ENSURE SEDIMENT CONTROL. EROSION CONTROL MEASURES ARE ITEMS WHICH MINIMIZE THE EROSION OF SOIL. SEDIMENT CONTROL MEASURES ARE ITEMS WHICH KEEP SEDIMENT FROM LEAVING THE PROJECT SITE. EFFECTIVE SOIL EROSION AND SEDIMENT CONTROL CAN BE ACCOMPLISHED BY LIMITING THE AREA OF UNPROTECTED SOIL. PROTECTED IS DEFINED AS HAVING TEMPORARY OR PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE. PERIMETER SEDIMENT CONTROL MEASURES ALONE ARE NOT CONSIDERED ADEQUATE PROTECTION.
2.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AS PER STANDARD DETAILS AND SPECIFICATIONS. THE COST OF MAINTAINING AND REMOVING TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INCLUDED IN THE BID PRICE OF THE ITEM USED. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES WITHIN THE ACTIVE WORK AREA SHALL BE INSPECTED BY THE CONTRACTOR EACH DAY. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES IN THE PROJECT AREA ONCE EVERY SEVEN (7) CALENDAR DAYS AND AFTER EACH RAINFALL OF ONE-HALF INCH OR MORE IN A 24 HOUR PERIOD.
3.

PERIMETER SEDIMENT CONTROL MEASURES AND VEGETATION PROTECTION FENCE SHALL BE PLACED PRIOR TO STARTING CLEARING AND GRUBBING OPERATIONS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE PERMANENTLY PROTECTED WITH EROSION CONTROL MEASURES.
4.

TEMPORARY STOCKPILES OF SOIL SHALL BE PROTECTED AS PER THE SOIL EROSION AND SEDIMENT CONTROL PLAN AND DETAILS. AT A MINIMUM TEMPORARY STOCKPILES SHALL BE RINGED WITH SILT FENCE. STOCKPILES AND AREA OF STOCKPILES LEFT INACTIVE FOR LONGER THAN 14 DAYS SHALL HAVE TEMPORARY MULCH, OR TEMPORARY SEED AND MULCH APPLIED, OR BE COVERED IN A MANNER THAT WILL PREVENT EROSION. ANY MEASURES USED TO COVER STOCKPILES SHALL BE SECURED TO MAINTAIN THEIR EFFECTIVENESS.
5.

ANY ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES USED TO SUPPLEMENT THE PLANS SHALL BE PREPARED IN ACCORDANCE WITH THE TECHNICAL REQUIREMENTS CONTAINED IN THE "NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL", LATEST EDITION. ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS PER SECTION 107-12 OF THE STANDARD SPECIFICATIONS.
6.

THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. THESE PLANS REFLECT THE PROVISIONS AND REQUIREMENTS OF SAID PERMIT(S). PERMIT(S) WILL BE AVAILABLE FROM THE ENGINEER-IN-CHARGE PRIOR TO THE START OF CONSTRUCTION.
7.

ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT DIRECT OR INDIRECT CONTAMINATION OF ALL WATER BODIES (INCLUDING WETLANDS) BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, SLURRY OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE OR SLURRY SHALL BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATER BODIES (INCLUDING WETLANDS), NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATER BODIES (INCLUDING WETLANDS).
8.


ANY DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM WITHIN 50 FEET OF THE WATERS EDGE OF ALL WATER BODIES (INCLUDING WETLANDS) AND SHALL BE DISPOSED OF AWAY FROM WETLANDS, WATER COURSES, OR OTHER BODIES OF WATER.
9.

TEMPORARY CHECK DAMS SHALL BE INSTALLED IMMEDIATELY FOLLOWING DITCH EXCAVATING OPERATIONS. TEMPORARY CHECK DAMS SHALL REMAIN IN PLACE UNTIL NEW SLOPES AND DITCHES HAVE BEEN PERMANENTLY PROTECTED WITH EROSION CONTROL MEASURES. PERMANENT CHECK DAMS, AS SPECIFIED IN THE PLANS, SHALL BE INSTALLED ONLY AFTER NEW SLOPES HAVE BEEN PERMANENTLY PROTECTED WITH EROSION CONTROL MEASURES.
10.

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED AT ANY POINT WHERE CONSTRUCTION EQUIPMENT WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A MAINTAINED ROADWAY.
11.

AUTHORITY DESIGNATED AREA TO BE USED FOR CONCRETE WASHOUT. ON-SITE WASHOUT OF CONCRETE MIXERS AND EQUIPMENT MUST HAVE CONTAINMENT, INCLUDING AN IMPERMEABLE LINER TO PREVENT HIGHLY ALKALINE RUNOFF FROM ENTERING STORM DRAINAGE SYSTEMS OR LEACHING INTO SOIL. CONTAINMENT OF THIS NATURE IS ALSO REQUIRED FOR HYDRODEMOLITION WASTE FOR TREATMENT PRIOR TO OVERLOAD DISCHARGE.

EXPOSED SOIL CRITERIA (FOR TEMPORARILY EXPOSED SOIL AREAS)	
CRITERIA	REQUIRED ACTION
NO WORK ON EXPOSED SOIL AREA(S) FOR 7 OR MORE CONSECUTIVE DAYS	ITEM 209.190301, ROLLED EROSION CONTROL PRODUCT ROUGHEN SURFACE (TRACK) OF BARE SOIL ON SLOPES 3:1 OR STEEPER PRIOR TO OTHER REQUIRED ACTIONS; TEMPORARY SEED & MULCH (ITEM 209.10003), AND ROLLED EROSION CONTROL PRODUCT, ITEM 209.190301 OR PERMANENT STABILIZATION - PLACEMENT OF TOPSOIL (ITEM AS SHOWN ON THE PLANS), AND TURF ESTABLISHMENT (ITEM AS SHOWN ON THE PLANS), AND 209 ITEMS AS SHOWN ON THE TYPICAL SECTIONS.
NO WORK ON EXPOSED SOIL AREA(S) FOR 14 OR MORE CONSECUTIVE DAYS	
NOTES: <div>1. ALL AREAS SHALL BE BROUGHT TO FINAL GRADE AND TRIMMED AS SOON AS POSSIBLE.</div> <div>2. MAINTENANCE OF MULCHED AREAS SHALL INCLUDE RE-MULCHING OF AREAS IN WHICH SOIL BECOMES EXPOSED TO VIEW. ANY AREAS THAT BECOME SETTLED OR GULLIED DURING MULCHING OPERATIONS SHALL BE RE-GRADED.</div> <div>3. MAINTENANCE OF TEMPORARY SEEDED AREAS SHALL INCLUDE RE-SEEDING AS NEEDED TO ESTABLISH A SATISFACTORY STAND OF GRASS. THERE SHALL BE NO ADDITIONAL PAYMENT FOR RESEEDING.</div> <div>4. THE USE OF TEMPORARY MULCH (ITEM 209.100101) MULCH RATE SHALL BE DOUBLED FOR WINTER APPLICATION BETWEEN NOVEMBER 15 AND APRIL 1.</div> <div>5. DEPENDING ON WEATHER CONDITIONS WATERING MAY BE NEEDED TO ESTABLISH TEMPORARY SEED. WATERING SHALL BE APPLIED AS SPECIFIED IN THE SUB-SECTION 610-3.10 OF THE STANDARD SPECIFICATIONS. WATER SHALL BE PAID UNDER ITEM 610.19</div> <div>6. ROUGHENING THE SURFACE OF BARE SOIL INVOLVES CREATING HORIZONTAL GROOVES (TRACKING) ACROSS A SLOPE PARALLEL TO THE CONTOUR.</div> <div>7. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE CONTRACT. THERE SHALL BE NO ADDITIONAL PAYMENT FOR MAINTENANCE OF EROSION CONTROL MEASURES.</div>	

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S THRUWAY I-190	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION MP 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING EROSION CONTROL NOTES	DRAWING NUMBER: EC-1



1. PLACE TEMPORARY SEDIMENT FILTER LOGS AT EDGE OF TEMPORARY ROAD OR LIMIT OF WORK.
2. ADJUST INSTALLATION OF TEMPORARY SEDIMENT FILTER LOGS AS NECESSARY DURING CONSTRUCTION OF STORM SYSTEM.
3. REFER TO NYSDOT STANDARD SHEETS SECTION 209 FOR ADDITIONAL GUIDANCE.
4. REFER TO LANDSCAPE DRAWINGS FOR FINAL SOIL STABILIZATION AND ALL SEEDING LIMITS

12" TEMPORARY SEDIMENT FILTER LOG
ITEM 209.2301

CLEARING AND GRUBBING
ITEM 201.06



REVISIONS

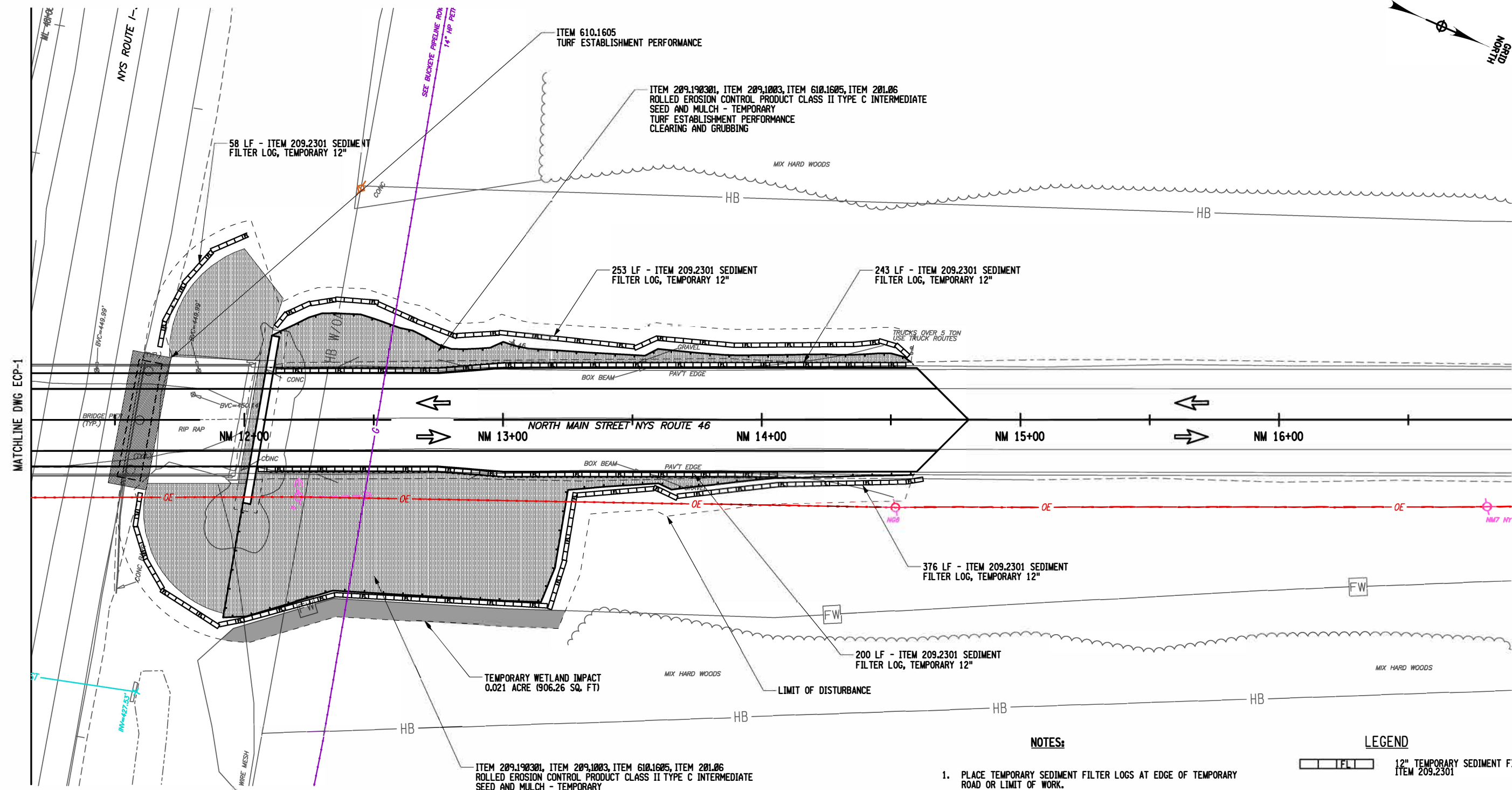


**NEW
YORK
STATE**

EROSION CONTROL PLANS

DRAWING NUMBER:
EC-2





- NOTES:**


1. PLACE TEMPORARY SEDIMENT FILTER LOGS AT EDGE OF TEMPORARY ROAD OR LIMIT OF WORK.
2. ADJUST INSTALLATION OF TEMPORARY SEDIMENT FILTER LOGS AS NECESSARY DURING CONSTRUCTION OF STORM SYSTEM.
3. REFER TO NYSDOT STANDARD SHEETS SECTION 209 FOR ADDITIONAL GUIDANCE.
4. REFER TO LANDSCAPE DRAWINGS FOR FINAL SOIL STABILIZATION AND ALL SEEDING LIMITS

LEGEND

- 12" TEMPORARY SEDIMENT FILTER LOG
ITEM 209.2301
- ROLLED EROSION CONTROL PRODUCT
ITEM 209.190301
- SEED AND MULCH - TEMPORARY
ITEM 209.1003
- TURF ESTABLISHMENT PERFORMANCE
(INCLUDES TOPSOIL - 3" MIN & SEED)
ITEM 610.1605
- CLEARING AND GRUBBING
ITEM 201.06

20 0 20 40 60 80

1" = 40'

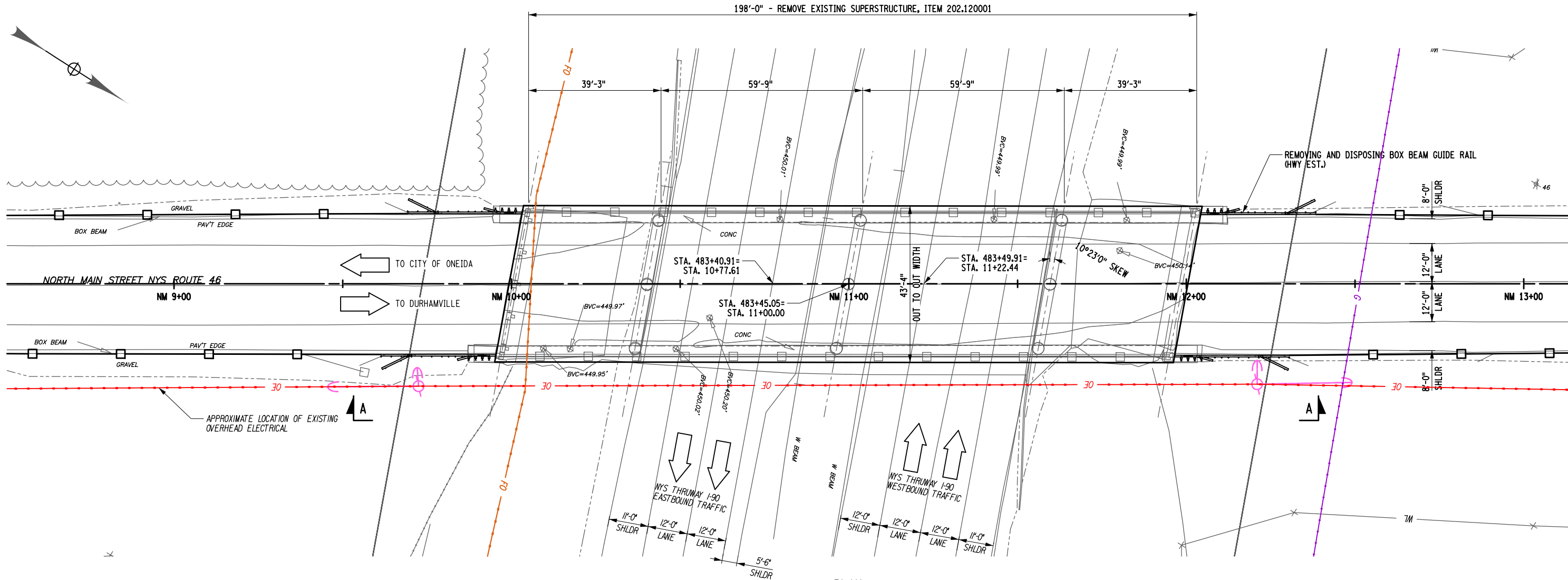
ALTERED ON:	AFFIXED ON: 09/16/2025
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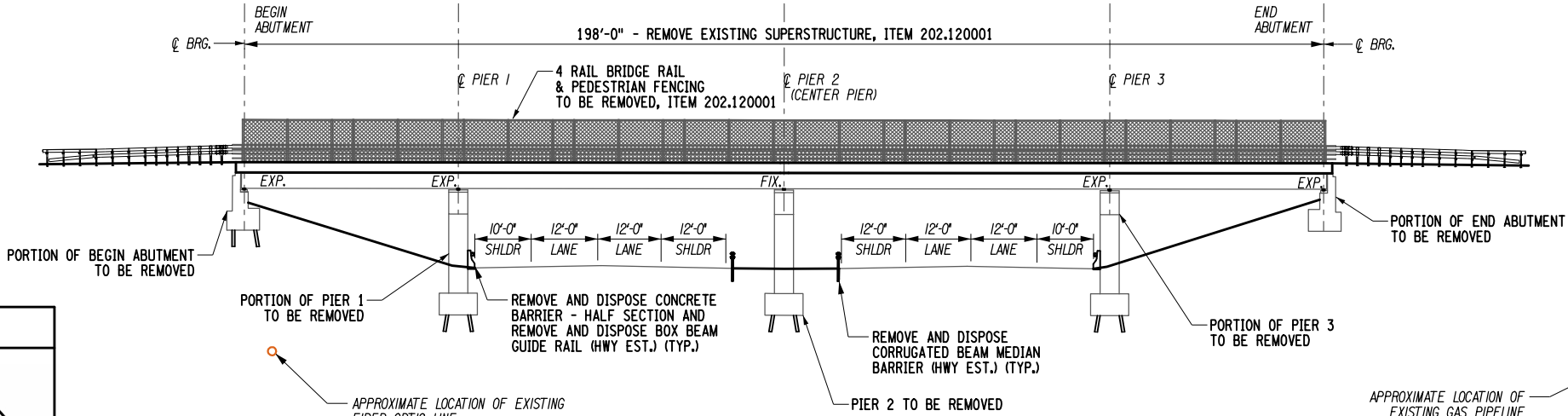
REVISIONS			
DATE	DESCRIPTION	BY	SY



TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S THRUWAY I-90		CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION MP 257.09 (BIN 5025670)		DATE: 09/16/2025
TITLE OF DRAWING EROSION CONTROL PLANS		DRAWING NUMBER: EC-3



PLAN



ELEVATION A-A

- NOTES
- FOR THE FOLLOWING SEE:
A. EARTHWORK PLANS
 - VERTICAL DATUM CORRECTION OF -0.58 FT. APPLIED TO EXISTING SUBSTRUCTURE ELEVATIONS.

DWG. NO.
ST-07 THRU ST-09

ALTERED ON:

AFFIXED ON: 09/16/2025

SIGNATURE:
STAMP:

SIGNATURE:
STAMP:

STATE OF NEW YORK
BRETT MATTHEW WARTHUNG
LICENSED PROFESSIONAL ENGINEER
099003

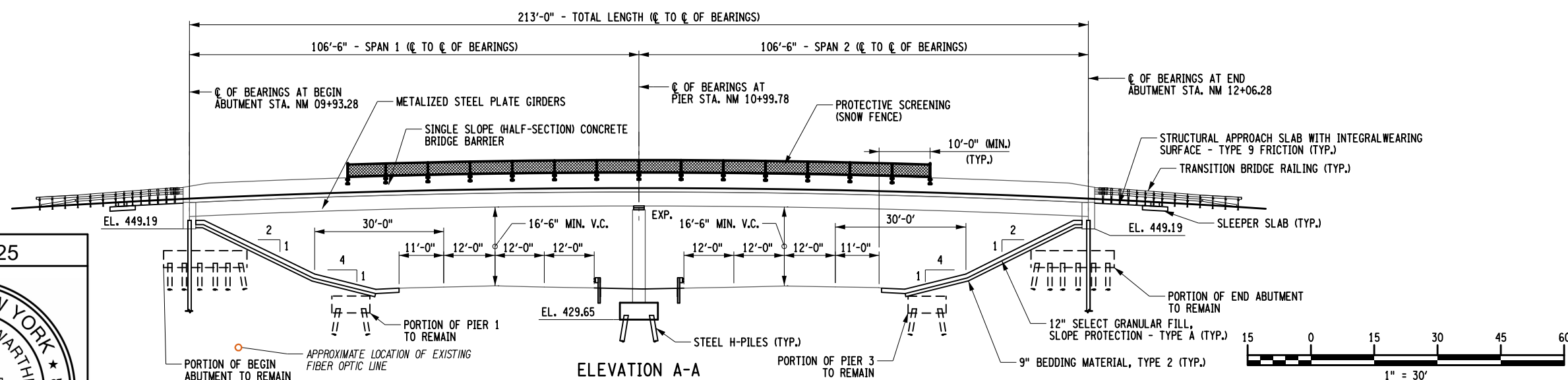
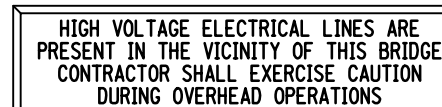
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING EXISTING BRIDGE PLAN AND ELEVATION	DRAWING NUMBER: ST-01

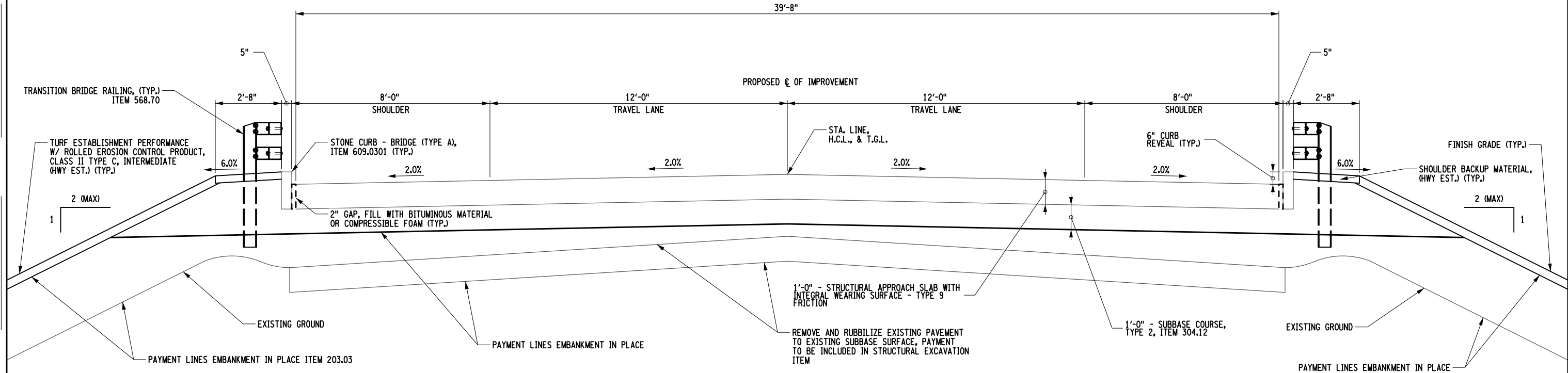
DESIGN SUPERVISOR • D. LIVERMORE




DATE	DESCRIPTION	BY	SY



ST-02




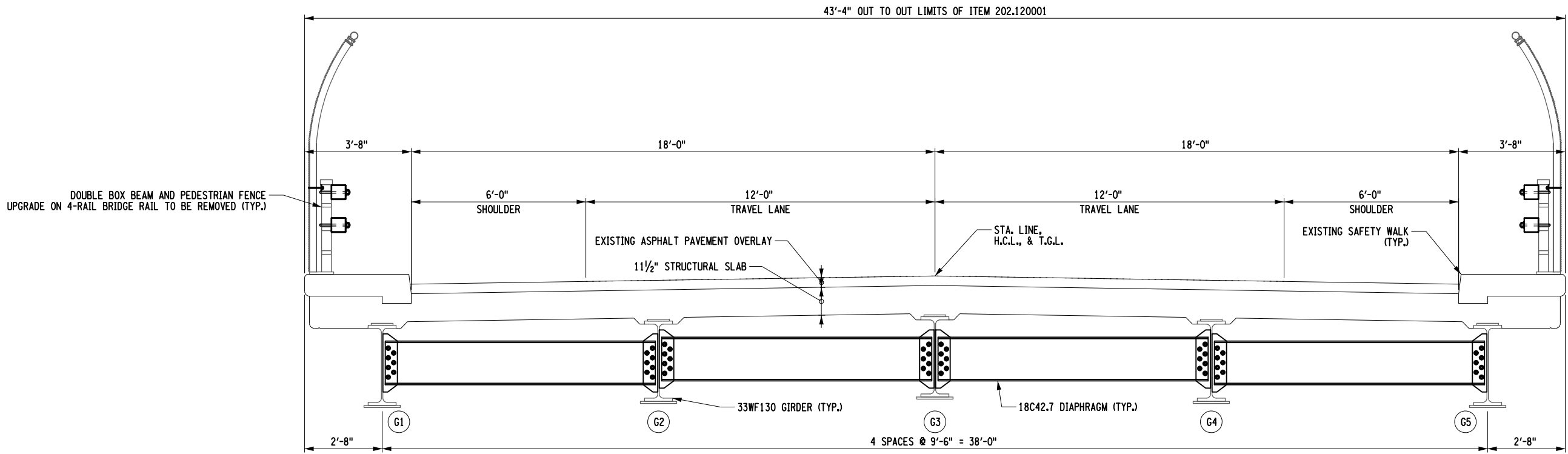
PROPOSED APPROACH SECTION
(LOOKING UPSTATION)

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

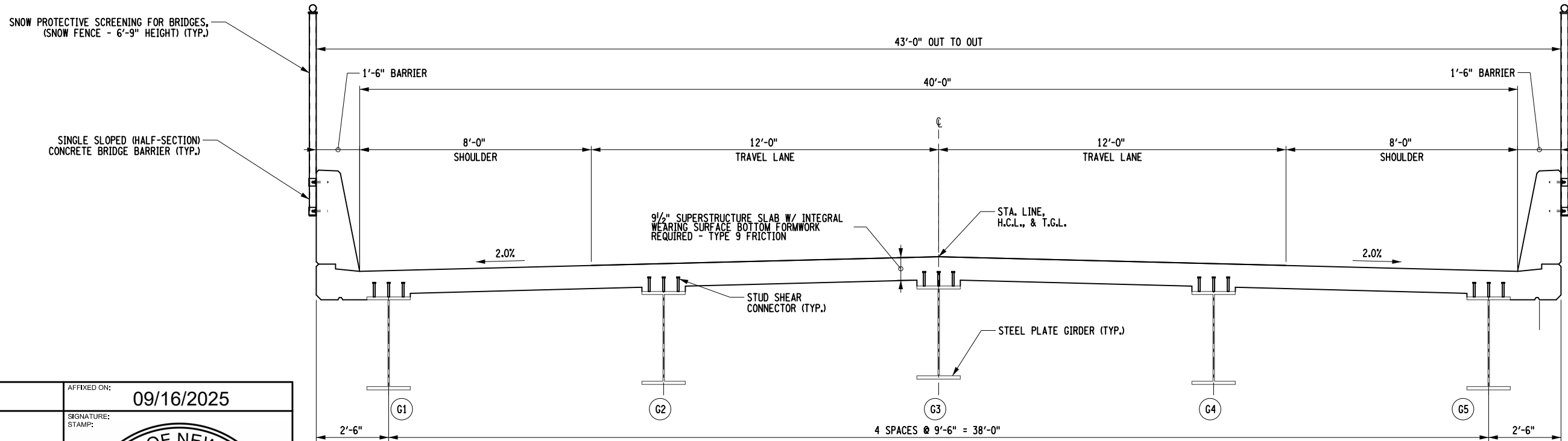
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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL


	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING TYPICAL SECTIONS (SHEET 1 OF 2)		DRAWING NUMBER: ST-03



EXISTING BRIDGE SECTION
(LOOKING UPSTATION)




PROPOSED BRIDGE SECTION
(LOOKING UPSTATION)

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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
	TITLE OF DRAWING TYPICAL SECTIONS (SHEET 2 OF 2)	DRAWING NUMBER: ST-04

CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG


CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE


ESTIMATE OF QUANTITIES				
ITEM	DESCRIPTION	UNIT	QTY	FINAL QTY
202.120001	REMOVING EXISTING SUPERSTRUCTURES	LS	NEC	
202.19	REMOVAL OF SUBSTRUCTURES	CY	240	
203.03	EMBANKMENT IN PLACE	CY	1,025	
203.0801	SELECT GRANULAR FILL, SLOPE PROTECTION - TYPE A	CY	200	
203.21	SELECT STRUCTURE FILL	CY	200	
206.01	STRUCTURE EXCAVATION	CY	720	
207.27	PREFABRICATED COMPOSITE INTEGRAL ABUTMENT DRAIN	SY	84	
304.12	SUBBASE COURSE, TYPE 2	CY	60	
551.012053	STEEL H-PILES (HP 12X53)	LF	2,370	
551.12	SPLICES FOR STEEL H-PILES	EACH	21	
551.13	FURNISHING EQUIPMENT FOR DRIVING PILES	LS	NEC	
551.14	DYNAMIC PILE TESTING	EACH	6	
555.0011	FOOTING CONCRETE, PERFORMANCE	CY	80	
555.0021	CONCRETE FOR STRUCTURES, PERFORMANCE	CY	212	
556.0203	GALVANIZED BAR REINFORCEMENT FOR STRUCTURES	LB	40,660	
556.03	STUD SHEAR CONNECTORS FOR BRIDGES	EACH	4,275	
557.1019	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE TYPE 9 FRICTION	SY	186	
557.1119	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE BOTTOM FORMWORK REQUIRED - TYPE 9 FRICTION	SY	1,026	
557.29	WINTER SURFACE TREATMENT - SUPERSTRUCTURE SLABS AND STRUCTURAL APPROACH SLABS	SY	1,215	
558.02	LONGITUDINAL SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE	SY	1,110	
559.01	PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE, DECKS AND BRIDGE DECK OVERLAYS	SF	9,940	
559.02	PROTECTIVE SEALING OF NEW STRUCTURAL CONCRETE	SF	6,800	
564.0501	STRUCTURAL STEEL, TYPE 1	LS	NEC	
565.2035	TYPE E B EXPANSION BEARING (OVER 225 KIPS)	EACH	5	
567.60	ARMORLESS BRIDGE JOINT SYSTEM	LF	81	
568.70	TRANSITION BRIDGE RAILING	LF	160	
569.04	SINGLE SLOPE (HALF SECTION) CONCRETE BRIDGE BARRIER	LF	433	
570.01	LEAD EXPOSURE CONTROL PLAN	LS	NEC	
570.02	MEDICAL TESTING	DC	3,000	
570.03	PERSONAL EXPOSURE MONITORING SAMPLE ANALYSIS	DC	3,000	
570.04	DECONTAMINATION FACILITIES	CW	2	
570.09	ENVIRONMENTAL GROUND PROTECTION	LS	NEC	
571.03	DISPOSAL OF HAZARDOUS PAINT WASTE CONTAINING LEAD	LB	300	
572.00020125	METALIZING, TYPE 1	LS	NEC	
607.06120025	PROTECTIVE SCREENING (SNOW FENCE - 6'-9" HEIGHT)	LF	270	
609.0301	STONE CURB - BRIDGE (TYPE A)	LF	73	
620.03	STONE FILLING (LIGHT)	CY	30	
620.0802	BEDDING MATERIAL, TYPE 2	CY	190	
645.61000125	INSTALL OVERHEAD SIGN PANELS (AUTHORITY SUPPLIED)	SF	28	
THIS ESTIMATE OF QUANTITIES DOES NOT INCLUDE ALL ITEMS IN THE BRIDGE FISCAL SHARE				

INDEX OF DRAWINGS		
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
28	EXISTING BRIDGE PLAN AND ELEVATION	ST-01
29	BRIDGE PLAN AND ELEVATION	ST-02
30 - 31	TYPICAL SECTIONS	ST-03 TO ST-04
32	ESTIMATE OF QUANTITIES AND INDEX OF DRAWINGS	ST-05
33	GENERAL NOTES	ST-06
34 - 36	EXCAVATION AND EMBANKMENT	ST-07 TO ST-09
37	BEGINNING ABUTMENT PLAN AND ELEVATION	ST-10
38 - 39	BEGINNING ABUTMENT DETAILS	ST-11 TO ST-12
40	PIER 1 PLAN AND ELEVATION	ST-13
41 - 42	PIER 1 DETAILS	ST-14 TO ST-15
43	ENDING ABUTMENT PLAN AND ELEVATION	ST-16
44 - 45	ENDING ABUTMENT DETAILS	ST-17 TO ST-18
46 - 47	ABUTMENT DETAILS	ST-19 TO ST-20
48	BEARINGS	ST-21
49	TRANSVERSE SECTION	ST-22
50	FRAMING PLAN	ST-23
51 - 55	GIRDER DETAILS	ST-24 TO ST-28
56	HAUNCH TABLE	ST-29
57	SUPERSTRUCTURE SLAB	ST-30
58 - 59	APPROACH SLABS	ST-31 TO ST-32
60 - 65	BARRIER DETAILS	ST-33 TO ST-38
66	APPROACH DRAINAGE	ST-39
67	MISCELLANEOUS DETAILS	ST-40
68	BAR BENDING DIAGRAMS	ST-41
69 - 71	BAR LIST	ST-42 TO ST-44

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
	TITLE OF DRAWING ESTIMATE OF QUANTITIES AND INDEX OF DRAWINGS	DRAWING NUMBER: ST-05

CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE

GENERAL NOTES

- DESIGN SPECIFICATIONS: NYSDOT LRFD BRIDGE DESIGN SPECIFICATIONS WITH ALL PROVISIONS IN EFFECT AS OF MAY, 2025 (FOR DESIGN PURPOSES, COMPRESSIVE STRENGTH OF CONCRETE FOR SUBSTRUCTURES AND DECK SLABS AT 28 DAYS: f'_c = 4,000 psi.)
- CONSTRUCTION SPECIFICATIONS: NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS WITH ALL PROVISIONS IN EFFECT AS OF SEPTEMBER, 2025.
- THIS BRIDGE SHALL BE MAINTAINED IN ACCORDANCE WITH THE GUIDELINES CONTAINED IN THE CURRENT VERSION OF THE AASHTO MAINTENANCE MANUAL FOR ROADWAYS AND BRIDGES.
- THE LOAD RATINGS ARE IN ACCORDANCE WITH THE AASHTO MANUAL FOR BRIDGE EVALUATION.
- DESIGN LIVE LOAD: AASHTO HL - 93.
- ALL BAR REINFORCEMENT SHALL BE ASTM A615 GRADE 60. BARS SHALL BE GALVANIZED AND FABRICATED IN ACCORDANCE WITH ASTM A767 AND MEET THE REQUIREMENTS OF NYSDOT MATERIAL SPECIFICATION 709-11.
- ALL METAL REINFORCING BAR CHAIRS AND SUPPORTS SHALL HAVE PLASTIC SHOES.
- DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONALLY AND ARE FULLY DIMENSIONED.
- ALL SHOP DRAWINGS FOR THIS PROJECT SHALL BE PREPARED IN U.S. CUSTOMARY UNITS.
- MATERIALS CONTAINING ASBESTOS ARE BELIEVED TO EXIST AT VARIOUS LOCATIONS ON OR IN THE STRUCTURE(S) CONTAINED IN THIS CONTRACT. THESE MATERIALS WERE NOTED ON THE ORIGINAL CONTRACT PLANS OF THE STRUCTURE(S) AND/OR ENCOUNTERED DURING FIELD INSPECTIONS. THE MATERIALS OF CONCERN INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

MATERIAL	GENERAL LOCATION	ESTIMATED QTY. (SF)	REMOVAL ITEM
BLACK BITUMINOUS	SOUTH END OF BRIDGE - UNDERSIDE OF JOINT	60	210.481201

THE ASBESTOS SURVEY REPORT INCLUDED IN THE PROJECT DOCUMENTS DETAILS THIS IDENTIFIED ACM LOCATION. THE REPORTED ASBESTOS QUANTITIES ARE ESTIMATES AND REPRESENT ONLY AN APPROXIMATION FOR THE CONVENIENCE OF THE CONTRACTOR TO ESTIMATE THE OVERALL EXTENT OF ASBESTOS REMOVAL REQUIRED. APPROPRIATE ITEMS FROM SECITON 210 OF THE STANDARD SPECIFICATION HAVE BEEN INCLUDED FOR PAYMENT OF THE ASBESTOS WORK.

FOUNDATION NOTES

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

PILE NOTES

- DYNAMIC PILE TESTS WILL BE CONDUCTED BY REPRESENTATIVES OF NEW YORK STATE THRUWAY ON TWO PILES AT EACH SUBSTRUCTURE, OR AT OTHER LOCATIONS ORDERED BY THE ENGINEER. PERFORM THE WORK IN ACCORDANCE WITH DYNAMIC PILE TESTING, ITEM 551.14. NOTIFY THE THRUWAY THREE WORKING DAYS PRIOR TO DYNAMIC TESTING.
- THE PILES ARE DESIGNED TO SUPPORT A MAXIMUM STRENGTH LIMIT STATE AXIAL LOAD OF 200 KIPS PER PILE. DRIVE THESE PILES TO ACHIEVE A NOMINAL RESISTANCE OF 308 KIPS PER PILE.
- THE MAXIMUM SERVICE LIMIT STATE AXIAL LOAD APPLIED TO THE PILES AT THE BEGIN ABUTMENT IS 130 KIPS PER PILE.
- THE MAXIMUM SERVICE LIMIT STATE AXIAL LOAD APPLIED TO THE PILES AT THE PIER IS 146 KIPS PER PILE.
- THE MAXIMUM SERVICE LIMIT STATE AXIAL LOAD APPLIED TO THE PILES AT THE END ABUTMENT IS 130 KIPS PER PILE.
- THE EXISTING SUBSTRUCTURES ARE PILE SUPPORTED. THESE EXISTING PILES MAY INTERFERE WITH THE INSTALLATION OF THE PROPOSED PILES. IF THERE ARE PILE INTERFERENCES, THE ENGINEER WILL DIRECT THE CONTRACTOR HOW TO PROCEED.

SUBSTRUCTURE NOTES

- THE CONTRACTOR, WITH THE APPROVAL OF THE NYSTA, MAY ELECT TO INTRODUCE CONSTRUCTION JOINTS IN THE ABUTMENTS AND/OR WINGWALLS AT LOCATIONS NOT SHOWN IN THE PLANS. CONSTRUCTION JOINTS SHALL BE PROVIDED WITH SHEAR KEYS AND WATERSTOPS. VERTICAL CONSTRUCTION JOINTS INTRODUCED IN THE ABUTMENTS AND/OR WINGWALLS SHOULD PREFERABLY BE PLACED MIDWAY BETWEEN THE PEDESTALS.
- THE COST OF ALL JOINT MATERIAL AND WATERSTOPS AT CONCRETE CONSTRUCTION JOINTS, CONTRACTION AND EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS CONCRETE ITEMS IN THE CONTRACT.

SUPERSTRUCTURE NOTES

- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A709, GRADE 50.

- THE LUMP SUM STEEL ITEM "ESTIMATE OF TOTAL WEIGHT" IS AS FOLLOWS:

ITEM	ESTIMATE OF TOTAL WEIGHT
564.0501	362,135 POUNDS
THE "ESTIMATE OF TOTAL WEIGHT" SHALL BE USED TO DOCUMENT THE ENGINEER'S ESTIMATED AMOUNT OF STRUCTURAL STEEL REQUIRED FOR THE CONTRACT. UNDER NO CIRCUMSTANCES SHALL THESE WEIGHTS BE USED FOR FINAL PAYMENT PURPOSES. THE CONTRACTOR IS ADVISED NOT TO USE THESE WEIGHTS AS A BIDDING TOOL. DISCREPANCIES BETWEEN THE TOTAL WEIGHT SHIPPED AND THE "ESTIMATE OF TOTAL WEIGHT" SHALL NOT BE A BASIS FOR ADDITIONAL COMPENSATION.	
3. DIAPHRAGMS SHALL BE FABRICATED TO FIT GIRDERS ERECTED WITH THEIR WEBS PLUMB FOR THE STEEL DEAD LOAD CONDITION, ALSO KNOWN AS STEEL DEAD LOAD FIT (SDLF).	
4. ALL GIRDERS, INCLUDING STIFFENERS AND CONNECTION PLATES, SHALL BE METALIZED. METALIZING SHALL WRAP 1" OVER THE TOP FLANGE. THE METALIZING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 572.00020125 - METALIZING.	
5. ALL PRIMARY AND SECONDARY MEMBERS (DIAPHRAGMS, LATERAL BRACING, SHIMS, ETC.) SHALL BE METALIZED. THE COST OF METALIZING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 572.00020125 - METALIZING. THE CONTRACTOR HAS THE OPTION OF HOT-DIP GALVANIZING THE SECONDARY MEMBERS. IF THE CONTRACTOR ELECTS TO HOT-DIP GALVANIZE THESE MEMBERS, HOT-DIP GALVANIZING SHALL MEET THE REQUIREMENTS OF §719-01 TYPE 1 OF THE NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS. THE COST OF THE HOT-DIP GALVANIZING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 572.00020125 - METALIZING.	
6. ALL EXPOSED STEEL COMPONENTS OF BRIDGE BEARINGS, INCLUDING THE SOLE PLATE AND THE MASONRY PLATE, SHALL BE METALIZED. THE COST OF METALIZING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 572.00020125 - METALIZING.	
7. ALL BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH THE NEW YORK STATE STEEL CONSTRUCTION MANUAL.	
8. DRILLED HOLES SHALL BE CLEANED OF ALL EXCESS MATERIAL THAT PREVENTS THE PROPER INSTALLATION OF THE BOLTS.	
9. THE CONTRACTOR SHALL PROVIDE FOR THE STABILITY OFSTRUCTURAL STEEL DURING ALL PHASES OF ERECTION AND CONSTRUCTION, AS PROVIDED IN SECTION 2, SUBSECTION 204 OF THE NEW YORK STATE STEEL CONSTRUCTION MANUAL (SCM). THE MEANS AND METHODS USED BY THE CONTRACTOR SHALL BE DOCUMENTED ON THE ERECTION DRAWINGS AND INCLUDED IN THE SUPPORTING STABILITY CALCULATIONS. THE ERECTION DRAWINGS AND STABILITY CALCULATIONS SHALL BE SEALED BY A REGISTERED NEW YORK STATE PROFESSIONAL ENGINEER AND SUBMITTED TO THE DCES IN ACCORDANCE WITH THE SCM.	
10. THE DESIGN OF THIS STRUCTURE ASSUMES THAT THE STRUCTURAL STEEL IS COMPLETELY ERECTED BEFORE IT IS ALLOWED TO DEFLECT UNDER ITS OWN DEAD LOAD. DEFLECTIONS INCURRED DURING THE VARIOUS STAGES OF THE ERECTION ARE NOT CONSIDERED. THEREFORE, THE ACTUALERECTION MEANS AND METHODS EMPLOYED BY THE CONTRACTOR MAY HAVE A SUBSTANTIAL EFFECT ON THE FINAL STEEL PROFILE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE FINAL ALIGNMENT AND PROFILE OF THE ERECTED STEEL CONFORMS TO SECTION 12, SUBSECTIONS 1213, 1214, AND 1215 OF THE NEW YORK STATE STEEL CONSTRUCTION MANUAL (SCM). ANY CORRECTIVE WORK NECESSARY TO RE-POSITION PREVIOUSLY ERECTED STEEL TO ACHIEVE ACCEPTABLE ALIGNMENT AND PROFILE SHALL BE SUBMITTED TO THE DCES IN ACCORDANCE WITH THE SCM. ANY CORRECTIVE WORK NECESSARY SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE AUTHORITY.	
11. IF THE CONTRACTOR ELECTS TO MOVE THE SPLICE LOCATION SHOWN IN THE PLANS, THE CONTRACTOR SHALL HAVE A REGISTERED NEW YORK STATE PROFESSIONAL ENGINEER REDESIGN THE SPLICE. THE SHOP DRAWINGS AND DESIGN CALCULATIONS FOR THE REDESIGNED SPLICE SHALL BE SUBMITTED TO THE DCES IN ACCORDANCE WITH THE SCM. THE COST OF REDESIGN SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS STEEL ITEMS.	

STEEL CONSTRUCTION NOTES

- DIMENSIONS FOR THICKNESSES OF STEEL ROLLED ANGLE SHAPES AND STRUCTURAL TUBING ARE SHOWN ACCORDING TO THE AISC MANUAL.
- THE FOLLOWING STRUCTURE COMPONENTS SHALL USE STANDARD SIZED HOLES: GIRDER SPLICES, OVERSIZE HOLES MAY BE USED FOR DIAPHRAGMS, CONNECTION PLATES, AND LATERAL BRACING PROVIDED THE HOLES MEET THE REQUIREMENTS GIVEN IN SECTIONS 203.10 AND 614.2 OF THE NEW YORK STATE STEEL CONSTRUCTION MANUAL (SCM). IF OVERSIZED HOLES ARE USED FOR DIAPHRAGMS, FULL SHOP ASSEMBLY IN ACCORDANCE WITH SECTION 1103.4.5 OF THE NEW YORK STATE STEEL CONSTRUCTION MANUAL (SCM) IS WAIVED.

SUPERSTRUCTURE SLAB NOTES


- THE PROVISIONS OF THE CURRENT SPECIFICATIONS FOR SUPERSTRUCTURE SLABS ALLOW THE OPTION OF 3 FORMING SYSTEMS FOR THE SLABS. ON THIS BRIDGE, ONLY THE FOLLOWING OPTION(S) WILL BE PERMITTED: PERMANENT CORRUGATED METAL AND REMOVABLE WOODEN FORMS.
- THE CONTRACTOR SHALL MAKE NO DEVIATIONS FROM THE HAUNCH DETAILS SHOWN IN THE PLANS WITHOUT THE PERMISSION OF THE DCES.
- THE DETAILS FOR THE BARRIER REINFORCEMENT ARE FOR THE SLIP-FORMED OR CAST-IN-PLACE OPTION ONLY. COST OF BARRIER AND ANCHORAGE REINFORCEMENT ORIGINATING IN THE DECK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE BARRIER ITEM.
- THE SPECIFICATIONS FOR PERMANENT CONCRETE TRAFFIC BARRIER FOR STRUCTURES ALLOWS THE OPTION OF THREE CONSTRUCTION METHODS: CAST-IN-PLACE, SLIP FORMED, OR PRECAST. FOR THIS BRIDGE, ONLY CAST-IN-PLACE AND SLIP FORMING ARE ALLOWED.
- TOP SURFACES OF NEW BRIDGE DECKS AND APPROACH SLABS SHALL BE SEALED IN ACCORDANCE WITH ITEM 559.01 - PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE DECKS AND BRIDGE DECK OVERLAYS.
- EXPOSED SURFACES OF NEW BARRIERS SHALL BE SEALED IN ACCORDANCE WITH ITEM 559.02 - PROTECTIVE SEALING OF NEW STRUCTURAL CONCRETE. ONLY PENETRATING TYPE SEALERS SHALL BE USED.

REMOVAL NOTES

- EXISTING SUBSTRUCTURES SHALL BE REMOVED WITHIN THE PAY LIMITS SHOWN IN THE PLANS UNDER ITEM 202.19 - REMOVAL OF SUBSTRUCTURES.
- EXISTING SUPERSTRUCTURE SHALL BE REMOVED UNDER ITEM 202.120001 - REMOVING EXISTING SUPERSTRUCTURES.
- SUPERSTRUCTURE REMOVAL SHALL MEET THE PROVISIONS OF §202-3.01 - GENERAL AND SAFETY REQUIREMENTS, OF THE NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS. A REMOVAL PLAN, SEALED BY A PROFESSIONAL ENGINEER, SHALL BE SUBMITTED TO THE ENGINEER THIRTY (30) DAYS PRIOR TO BEGINNING THE DEMOLITION. A THIRD-PARTY REVIEW IS NOT REQUIRED.
- RECORD PLANS FOR THIS STRUCTURE ARE AVAILABLE VIA SUPPLEMENTAL INFORMATION FOR THIS CONTRACT.
- LIMITS AND METHODS FOR THE REMOVAL OF PAINT AT LOCATIONS OF FASTENER REMOVAL OR FLAME CUTTING SHALL MEET THE PROVISIONS OF §202-3.01 - GENERAL, OF THE NYSDOT STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS. THE COST OF PAINT REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE SUPERSTRUCTURE REMOVAL ITEM(S) (OR THE UNIT PRICE BID FOR THE SUBSTRUCTURE REMOVAL ITEM). PAINT WASTE NOT COLLECTED BY VACUUM METHODS SHALL BE COLLECTED USING THE ENVIRONMENTAL GROUND AND/OR WATERWAY PROTECTION ITEM(S). WASTE SHALL BE DISPOSED OF USING THE TREATMENT AND DISPOSAL OF PAINT REMOVAL WASTE ITEM.
- LOOSE AND/OR PEELING PAINT ON STEEL SURFACES MAY BECOME DISLODGED DURING REMOVAL OPERATIONS OR DURING TRANSPORTATION FROM THE SITE UNLESS APPROPRIATE MEASURES ARE TAKEN. THE CONTRACTOR SHALL FORMULATE AND SUBMIT A METHOD OF REMEDIATING THE CONDITION FOR APPROVAL BY THE ENGINEER. WORKER LEAD PROTECTION IN ACCORDANCE WITH 29 CFR 1926.62 SHALL BE SATISFIED. REMEDIATION METHODS COULD INCLUDE TRANSPORTING AFFECTED MEMBERS IN CLOSED TRUCKS, WRAPPING AFFECTED MEMBERS PRIOR TO REMOVAL, ENCAPSULATING THE LOOSE PAINT OR REMOVAL OF LOOSE PAINT PRIOR TO DISMANTLING OPERATIONS. THE COST OF REMEDIATING THIS CONDITION SHALL BE INCLUDED IN THE LUMP SUM PRICE(S) BID FOR THE SUPERSTRUCTURE REMOVAL ITEM(S) (OR THE UNIT PRICE BID FOR THE SUBSTRUCTURE REMOVAL ITEM.) THE USE OF ENVIRONMENTAL GROUND AND/OR WATERWAY PROTECTION ITEMS WILL BE REQUIRED. DEPENDING ON THE ALTERNATIVE CHOSEN, THE TREATMENT AND DISPOSAL OF PAINT REMOVAL WASTE ITEM MAY BE REQUIRED. BECAUSE OF THE ABOVE-MENTIONED CONDITION, THE CONTRACTOR SHALL EXAMINE THE CONDITION OF THE STRUCTURE'S PAINT PRIOR TO SUBMITTING A BID.


RECONSTRUCTION NOTES

- DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- THE CONTRACTOR SHALL VERIFY DIMENSIONS NECESSARY FOR THE PROPER FIT OF STEEL PIECES PRIOR TO THE FABRICATION OF THE STEEL. THE COST OF FIELD VERIFYING DIMENSIONS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR STRUCTURAL STEEL ITEMS.
- THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE AUTHORITY, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE OR WHICH ARE TO REMAIN THE PROPERTY OF THE AUTHORITY, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- WHEN ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.
- DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT DROP WASTE CONCRETE, DEBRIS, AND OTHER MATERIAL TO THE AREA BELOW THE BRIDGE EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE STOPPED UNTIL ADEQUATE PROTECTION IS PROVIDED.
- ALL MATERIAL FALLING ON THE AREA BELOW AND ADJACENT TO THE BRIDGE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO COST TO THE AUTHORITY.
- THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICE BID USING THE APPROPRIATE ITEMS IN THE CONTRACT.

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING GENERAL NOTES		DRAWING NUMBER: ST-06

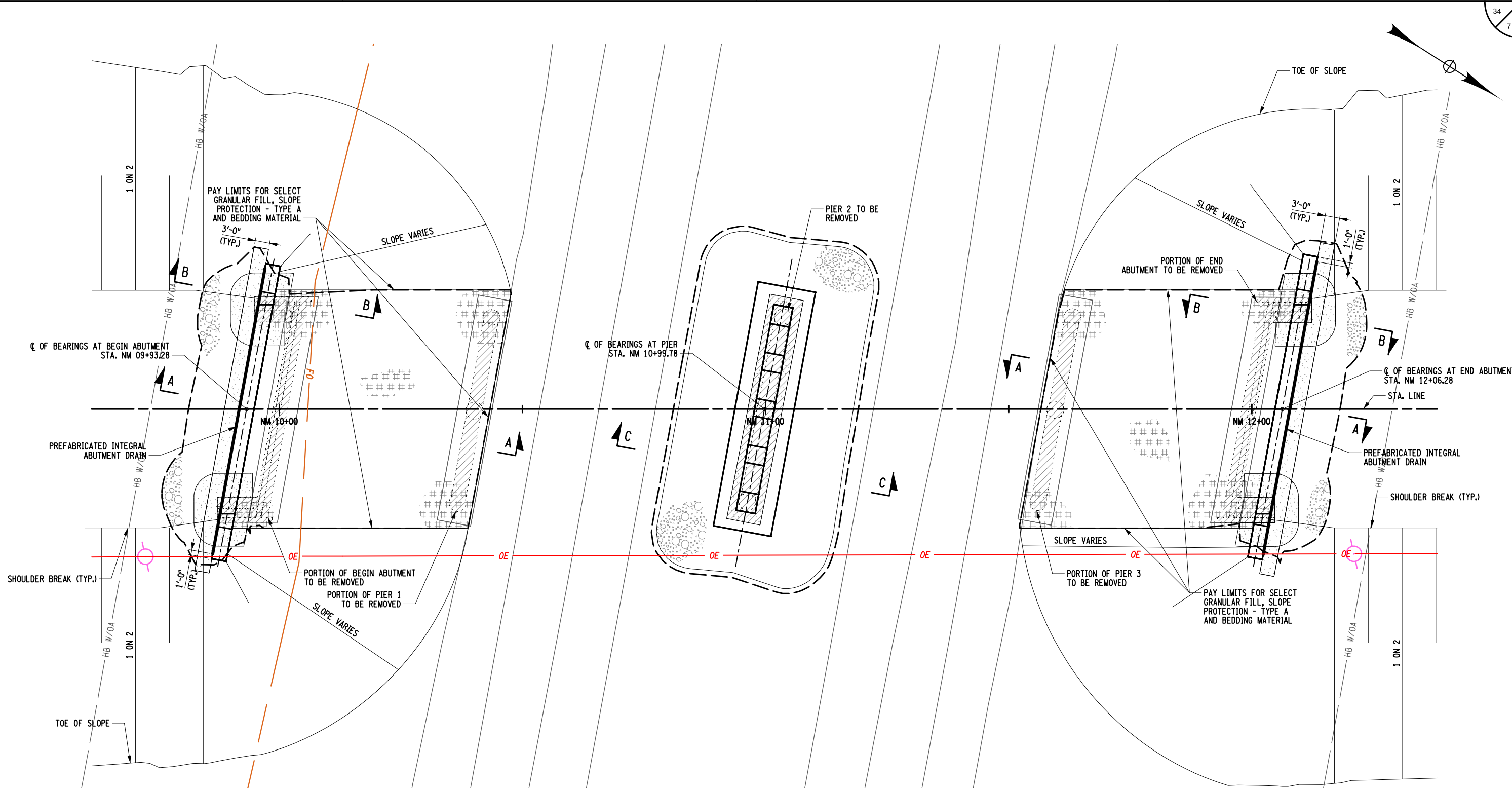
CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE



ALTERED ON:

AFFIXED ON:

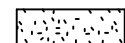
09/16/2025

SIGNATURE:
STAMP:

SIGNATURE:
STAMP:



LEGEND



SELECT STRUCTURE FILL (ITEM 203.21), COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY



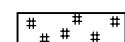
BEDDING MATERIAL, TYPE 2 (ITEM 620.0802)



EMBANKMENT IN PLACE (ITEM 203.03)



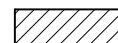
PREFABRICATED COMPOSITE INTEGRAL ABUTMENT DRAIN (ITEM 207.27)



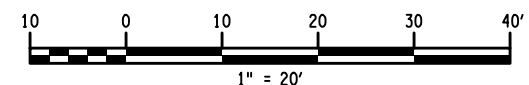
SELECT GRANULAR FILL, SLOPE PROTECTION - TYPE A (ITEM 203.0801)



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



REMOVAL OF SUBSTRUCTURES (ITEM 202.19)



EXCAVATION AND EMBANKMENT PLAN

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

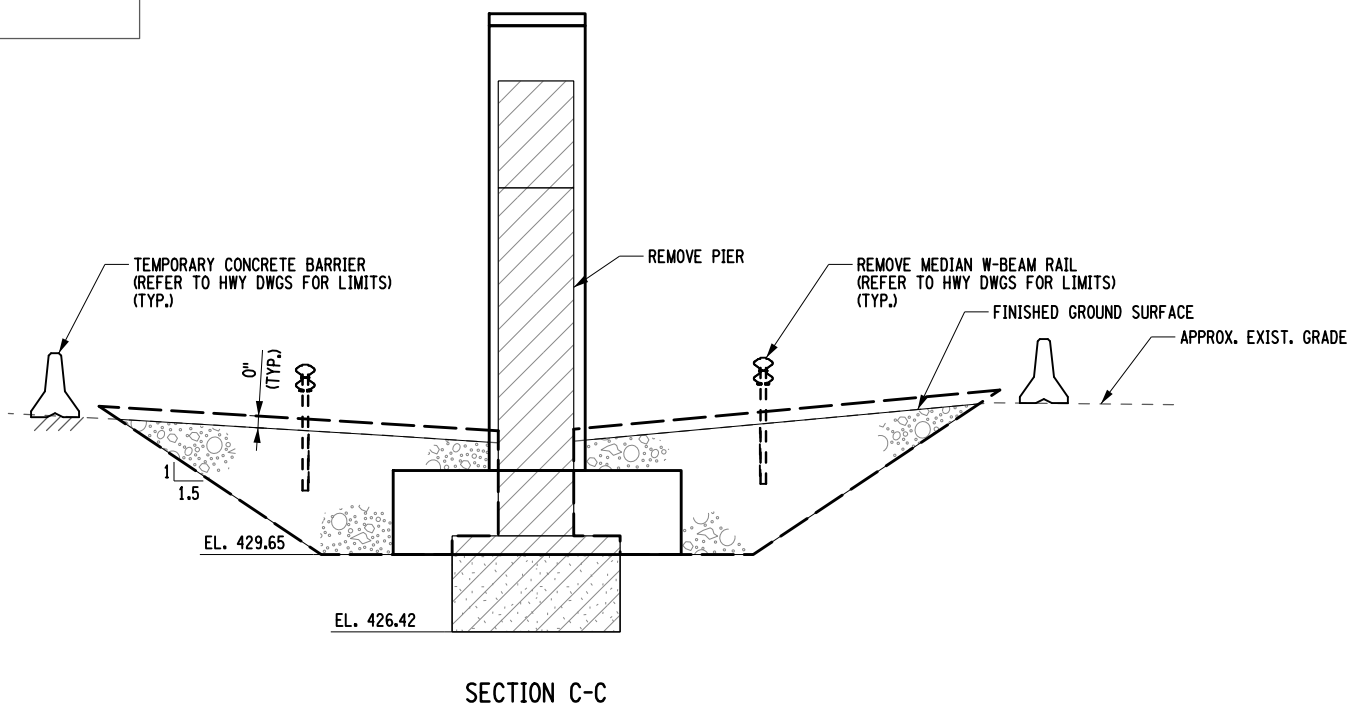
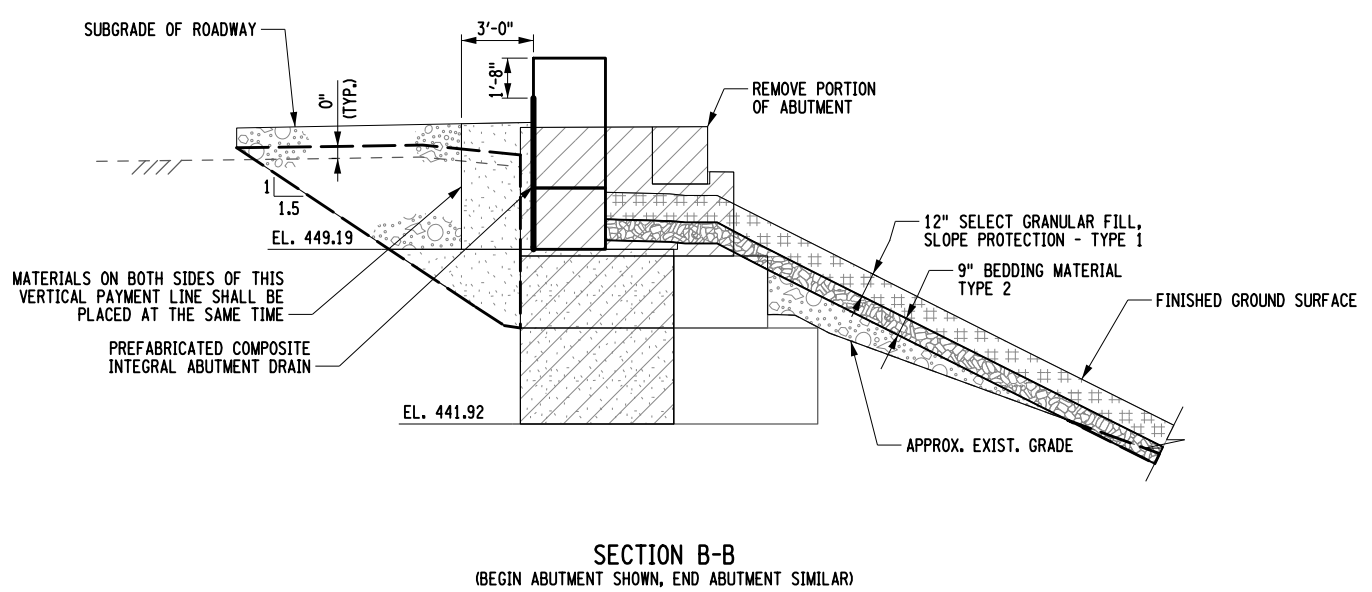
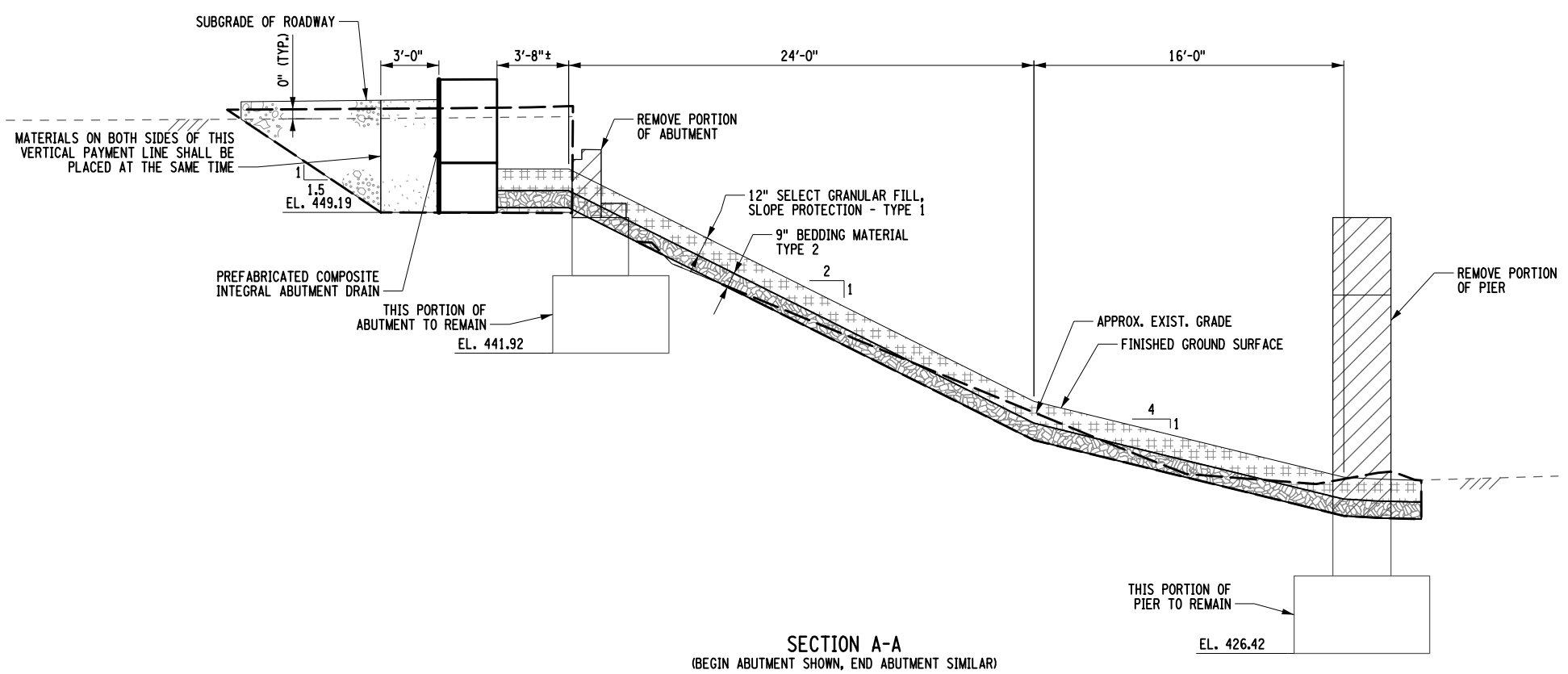



**Thruway
Authority**

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
EXCAVATION AND EMBANKMENT
(SHEET 1 OF 3)

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-07

CHECKED BY: D. LIVERMORE
DRAFTED BY: B. WARTHUNG
DESIGNED BY: B. WARTHUNG
DESIGN SUPERVISOR: D. LIVERMORE




ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

- NOTES
1. VERTICAL DATUM CORRECTION OF -0.58 FT. APPLIED TO EXISTING SUBSTRUCTURE ELEVATIONS.
 2. PILES OMITTED FOR CLARITY.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
	TITLE OF DRAWING EXCAVATION AND EMBANKMENT (SHEET 2 OF 3)	DRAWING NUMBER: ST-08

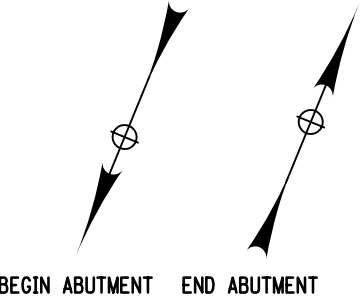
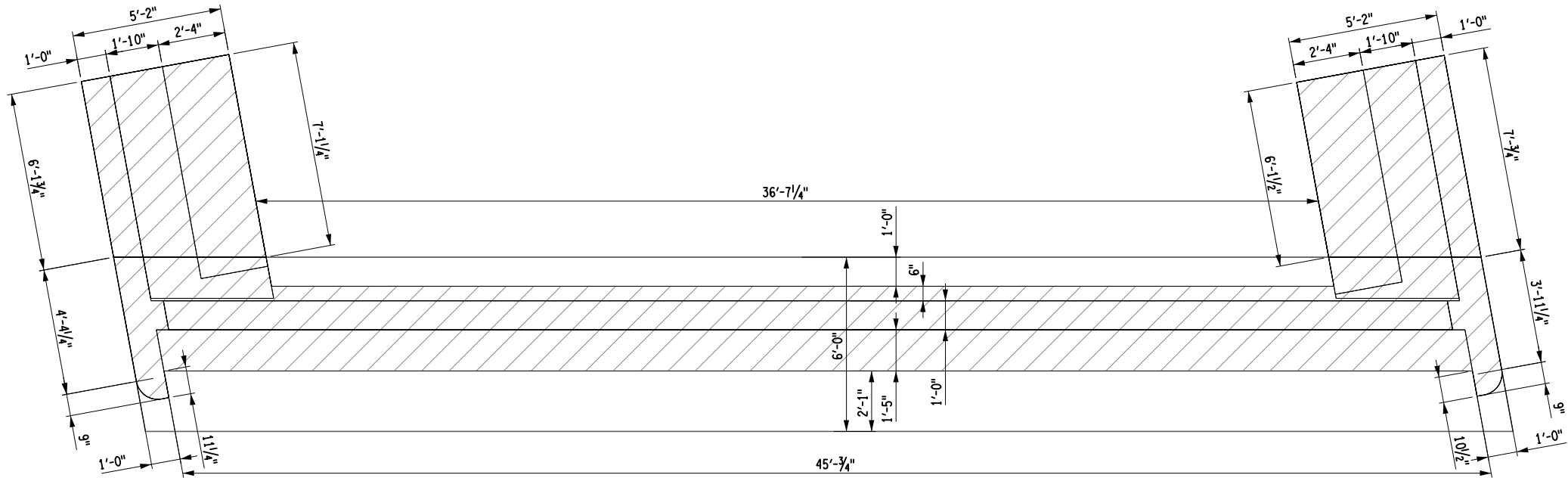
CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

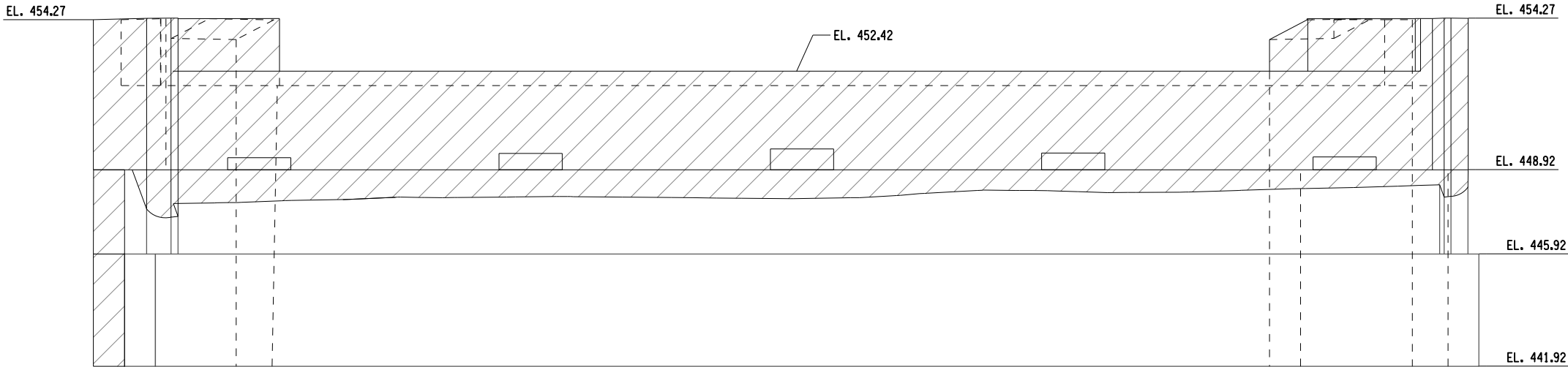
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE



ABUTMENT REMOVAL PLAN
(BEGIN ABUTMENT SHOWN, END ABUTMENT SIMILAR)



ABUTMENT REMOVAL ELEVATION
(BEGIN ABUTMENT SHOWN, END ABUTMENT SIMILAR)

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

- NOTES
1. VERTICAL DATUM CORRECTION OF -0.58 FT. APPLIED TO EXISTING SUBSTRUCTURE ELEVATIONS.
 2. PILES OMITTED FOR CLARITY.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



Thruway
Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
EXCAVATION AND EMBANKMENT
(SHEET 3 OF 3)

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-09

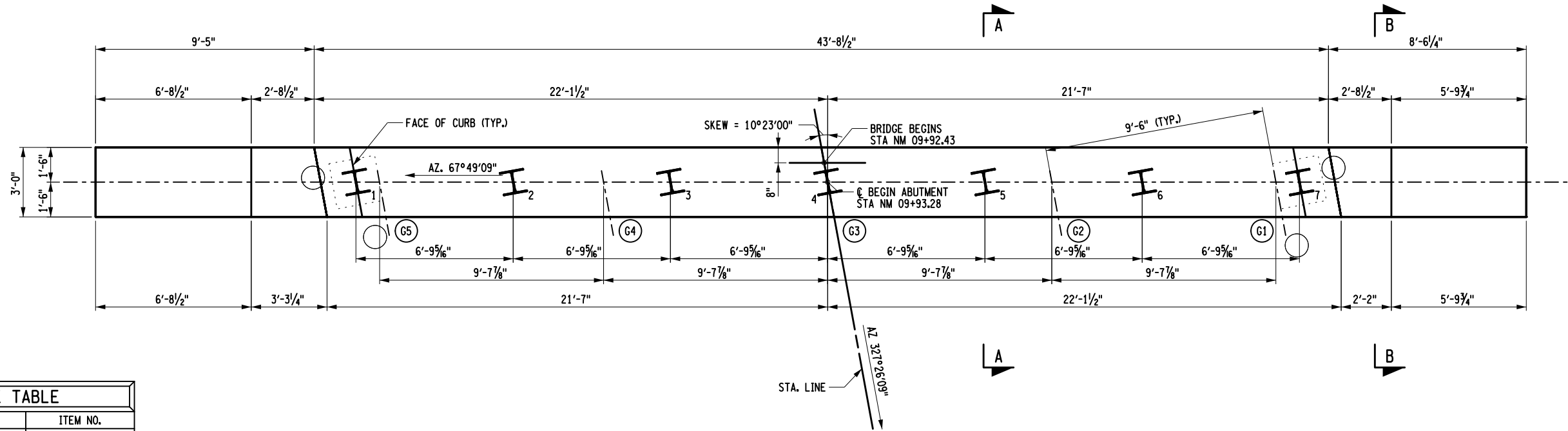
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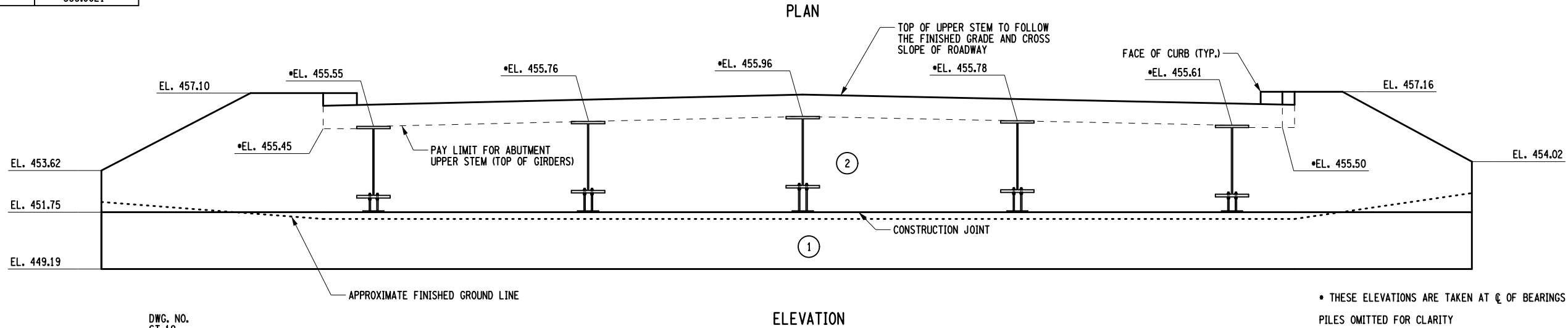
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE



CONCRETE TABLE		
PLACEMENT	QUANTITY	ITEM NO.
1	17.5 CY	555.0021
2	27.7 CY	555.0021



- NOTES**
- FOR THE FOLLOWING SEE:
 - A. SECTION A-A DWG. NO. ST-19
 - B. SECTION B-B ST-19
 - C. INTEGRAL ABUTMENT CONSTRUCTION PROCEDURE ST-19
 - D. HORIZONTAL KEYWAY ST-19
 - HORIZONTAL KEYWAY TO STOP 1'-0" FROM SUPPORT PLATE AND FACE OF CONCRETE POUR.
 - ALL EXPOSED CONCRETE SURFACES SHALL BE SEALED, ITEM 559.02.

- LEGEND**
- (NO.) - INDICATES CONCRETE PLACEMENT NUMBER
 - (G*) - INDICATES GIRDER NUMBER

PILE LEGEND	
○	APPROX. LOCATION OF EXIST. CIP PILE
I	STEEL H-PILE, ITEM NO. 551.012053
⋮	INDICATES PILE DESIGNATED FOR DYNAMIC PILE LOAD TEST, ITEM 551.14
PILE CUT-OFF ELEVATION IS 451.19 ft.	
FOR PILE NOTES, SEE DWG. NO. ST-06	
FOR PILE SPLICE DETAILS, SEE DWG. NO. ST-40	
FOR PILE TIP DETAILS, SEE DWG. NO. ST-40	
THE ESTIMATED VERTICAL LENGTH OF PILE IS 85 ft.	

PILE TABLE	
PILE NO.	LENGTH BELOW CUTOFF
1	
2	
3	
4	
5	
6	
7	

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
BEGINNING ABUTMENT
PLAN AND ELEVATION

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-10

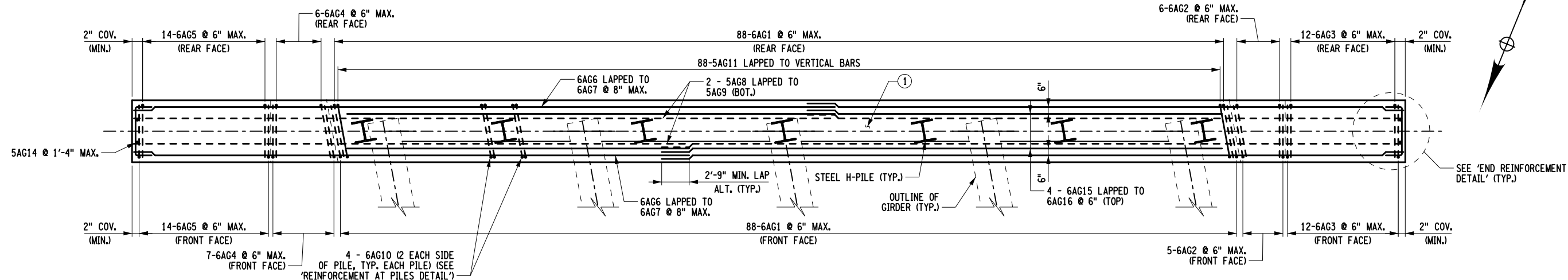
CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

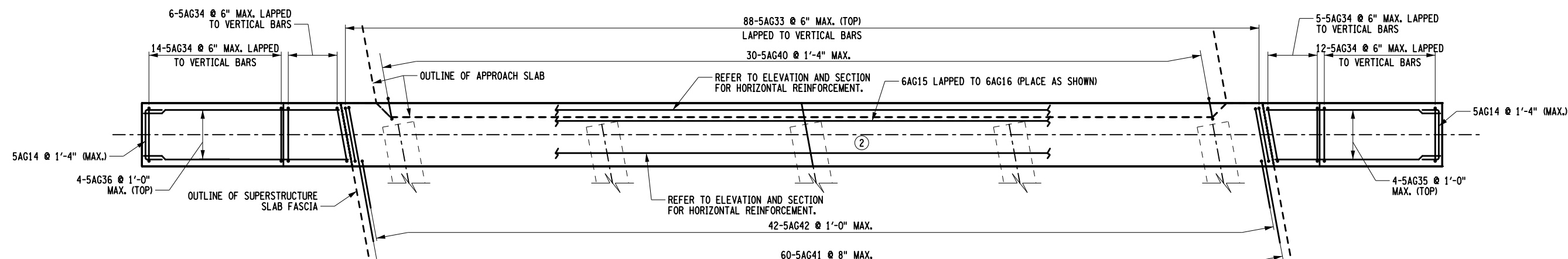
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE



LOWER STEM REINFORCEMENT PLAN



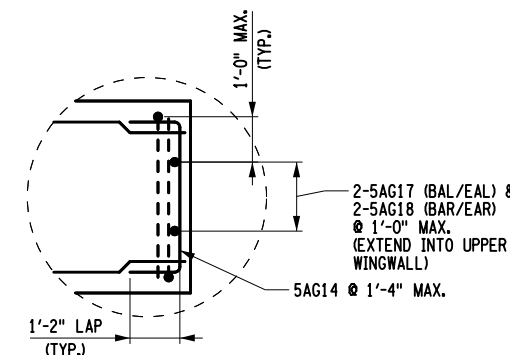
UPPER STEM REINFORCEMENT PLAN

NOTES

- FOR THE FOLLOWING SEE:
 - TYPICAL REINFORCEMENT SECTION..... DWG. NO. ST-19
 - REINFORCEMENT AT PILES..... ST-20
- COVER FOR REINFORCEMENT SHALL BE 2" UNLESS OTHERWISE NOTED.
- ROTATE THE STEM TOP U-BARS AS NECESSARY TO AVOID INTERFERENCE WITH GIRDERS. WHEN ROTATING A U-BAR IS REQUIRED, IT IS PERMISSIBLE TO CUT-OFF OR BEND SHORT LEG OF U-BAR TO AVOID INTERFERENCE WITH END DIAPHRAGM.

LEGEND

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER



END REINFORCEMENT DETAIL
(TYPICAL BOTH ENDS)
NOT TO SCALE

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING BEGINNING ABUTMENT DETAILS (SHEET 1 OF 2)	DRAWING NUMBER: ST-11

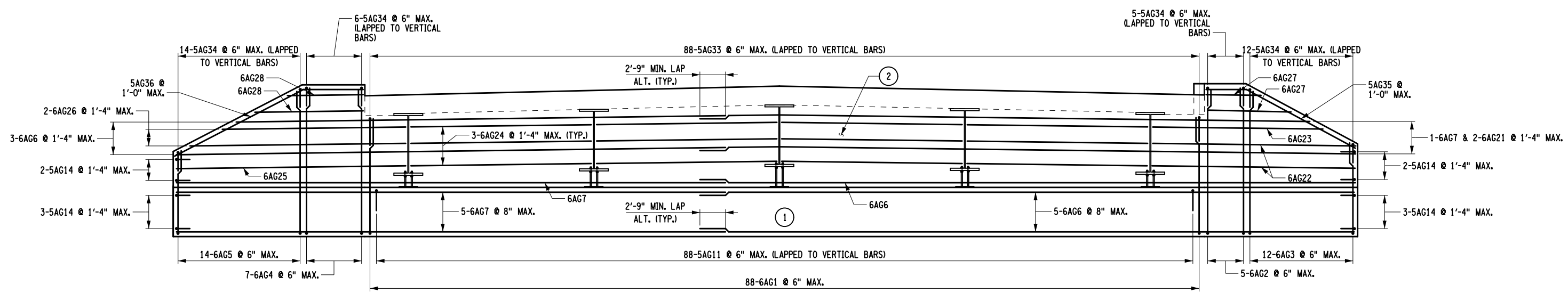
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DRAFTED BY: B. WARTHUNG

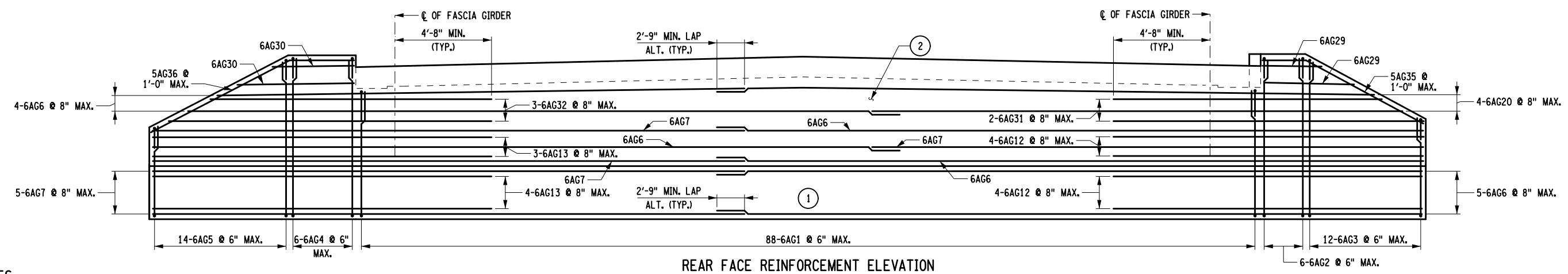
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE




FRONT FACE REINFORCEMENT ELEVATION




REAR FACE REINFORCEMENT ELEVATION

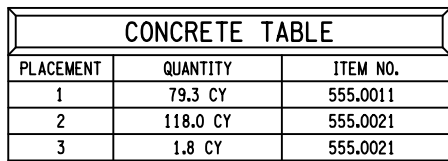
- NOTES**
- FOR THE FOLLOWING SEE:
A. TYPICAL REINFORCEMENT SECTION DWG. NO. ST-19
 - COVER FOR STEEL REINFORCEMENT SHALL BE 2" UNLESS OTHERWISE NOTED.
 - HORIZONTAL U-SHAPED BARS NOT SHOWN ON THE REAR ELEVATION FOR CLARITY.
 - PILES OMITTED FOR CLARITY.
 - IT IS PERMISSIBLE TO CUT REINFORCEMENT THAT INTERFERES WITH THE GIRDERS TO WITHIN 2" OF THE BOTTOM FLANGE. REINFORCEMENT COATINGS SHALL BE REPAIRED AS SPECIFIED IN THE NYSDOT STANDARD SPECIFICATIONS.
- LEGEND**
- (NO.) - INDICATES CONCRETE PLACEMENT NUMBER

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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

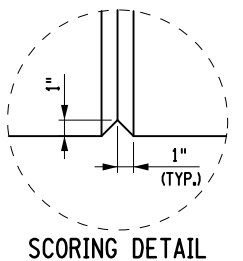
REVISIONS			
DATE	DESCRIPTION	BY	SYM.


	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
	TITLE OF DRAWING BEGINNING ABUTMENT DETAILS (SHEET 2 OF 2)	DRAWING NUMBER: ST-12



1. FOR THE FOLLOWING SEE:	DWG. NO.
A. CHAMFER DETAIL	ST-14
B. KEYWAY DETAIL	ST-14
2. ALL EXPOSED CONCRETE SURFACES SHALL BE SEALED, ITEM 559.02.	
3. ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED.	

(G#) - INDICATES GIRDER NUMBER



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REVISIONS			
DATE	DESCRIPTION	BY	SYM

**Thruway
Authority**

TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90		CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)		DATE: 09/16/2025
TITLE OF DRAWING PIER 1 PLAN AND ELEVATION		DRAWING NUMBER: ST-13

CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

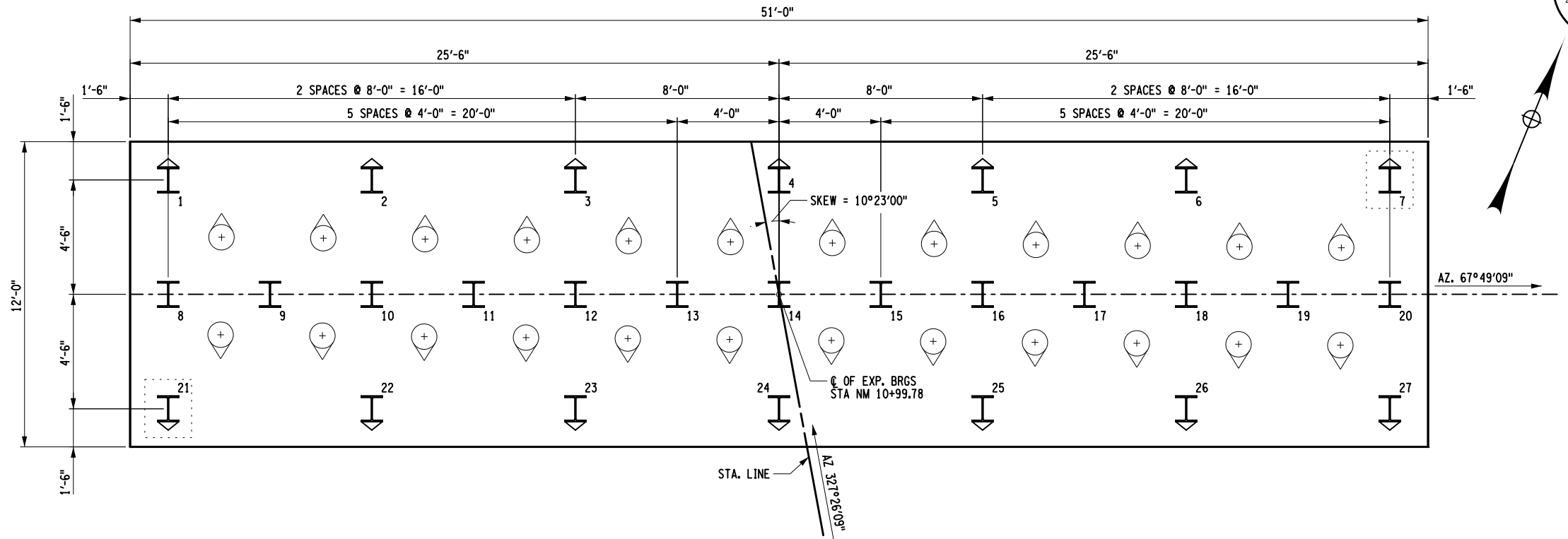
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE

PILE TABLE

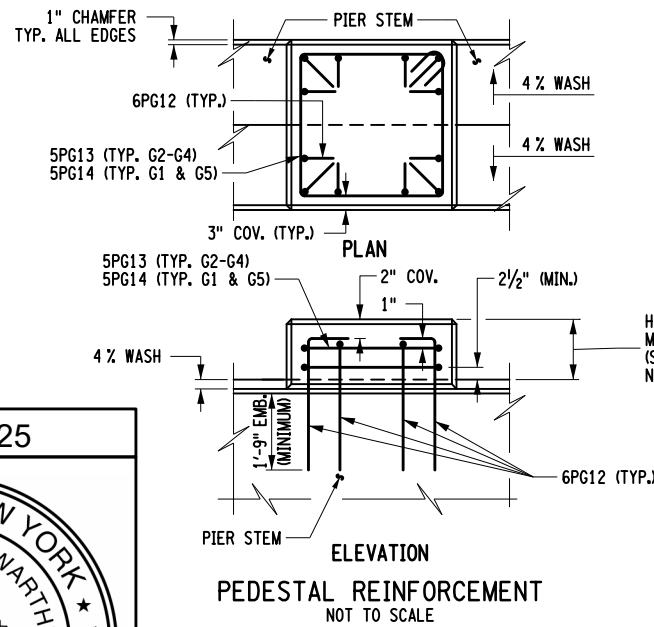
PILE NO.	LENGTH BELOW CUTOFF
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	



PILE LAYOUT

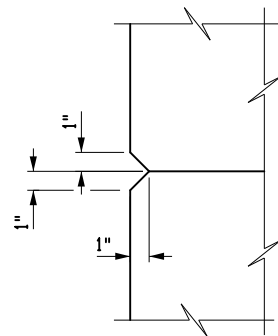
LEGEND

- ⊕ — APPROX. LOCATION OF EXIST. BATTERED CIP PILE
 - I — STEEL H-PILE, ITEM NO. 551.012053
 - ⌋ — BATTERED H-PILE (6 ON 1), ITEM NO. 551.012053
 - ⌋ — INDICATES PILE DESIGNATED FOR DYNAMIC PILE LOAD TEST, ITEM 551.14
- PILE CUT-OFF ELEVATION IS 430.65 ft.
FOR PILE NOTES, SEE DWG. NO. ST-06
FOR PILE SPLICE DETAILS, SEE DWG. NO. ST-40
FOR PILE TIP DETAILS, SEE DWG. NO. ST-40
THE ESTIMATED LENGTH OF PILE IS 55 ft.

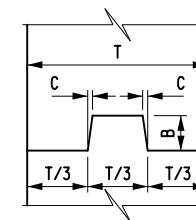


PEDESTAL	NUMBER OF HOOPS
G1	1
G2	2
G3	2
G4	2
G5	1

HEIGHT OF PEDESTAL MEASURED FROM PIER C (SEE TABLE FOR PROPER NUMBER OF HOOPS).

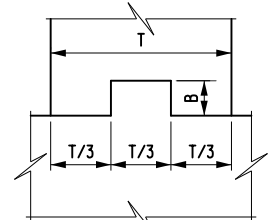


CHAMFER DETAIL



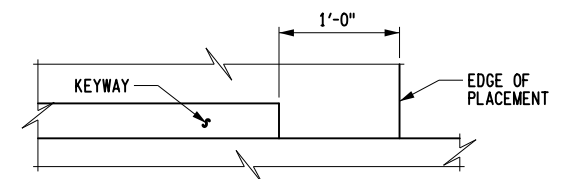
NOTE: WATERSTOP NOT SHOWN.

VERTICAL



NOTE: WATERSTOP NOT SHOWN.

HORIZONTAL



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

KEYWAY DETAILS
NOT TO SCALE

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



Thruway
Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
PIER 1 DETAILS
(SHEET 1 OF 2)

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-14



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

REVISIONS			
DATE	DESCRIPTION	BY	SYM

**Thruway
Authority**

TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90		CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)		DATE: 09/16/2025
TITLE OF DRAWING PIER 1 DETAILS (SHEET 2 OF 2)		DRAWING NUMBER: ST-15

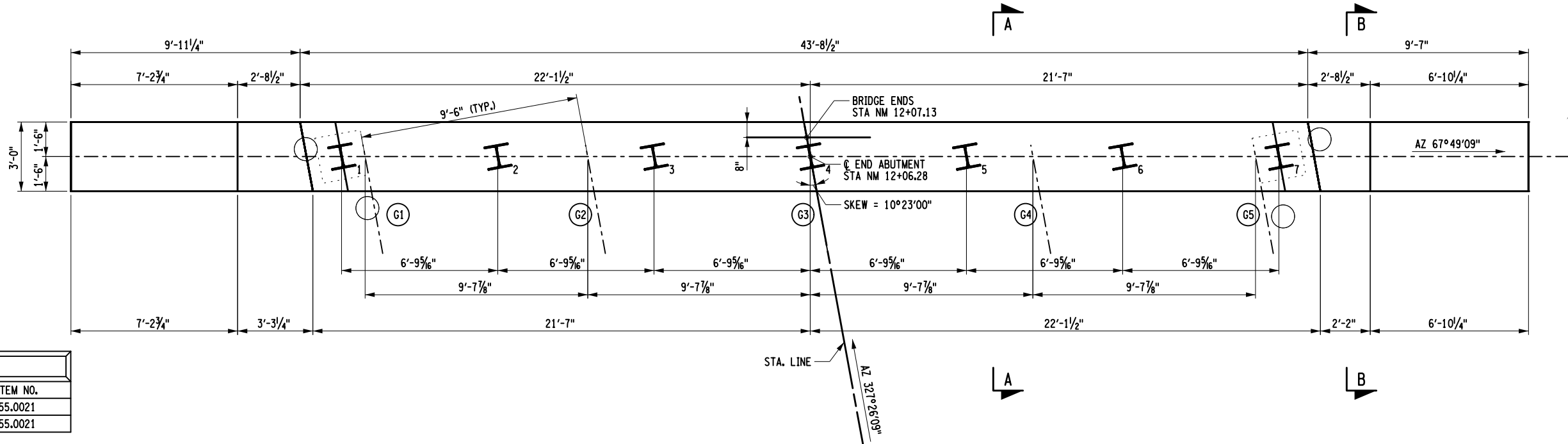
CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

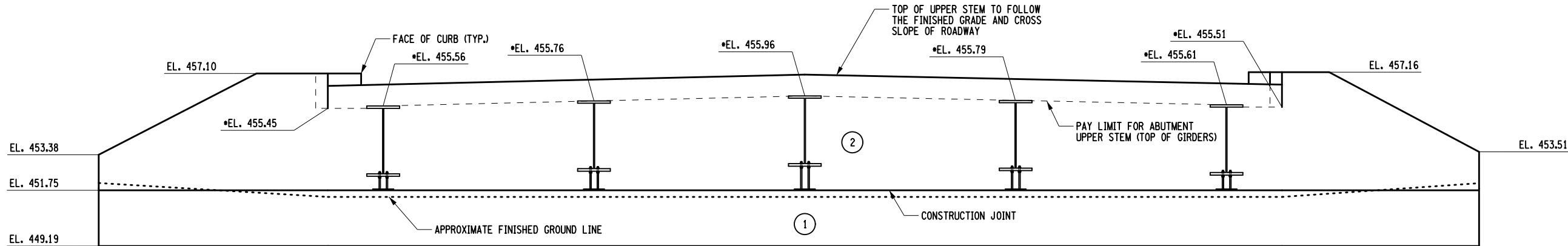
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE



CONCRETE TABLE		
PLACEMENT	QUANTITY	ITEM NO.
1	18.0 CY	555.0021
2	28.1 CY	555.0021



NOTES

- FOR THE FOLLOWING SEE:
 - A. SECTION A-A DWG. NO. ST-19
 - B. SECTION B-B ST-19
 - C. INTEGRAL ABUTMENT CONSTRUCTION PROCEDURE ST-19
 - D. HORIZONTAL KEYWAY ST-19
- HORIZONTAL KEYWAY TO STOP 1'-0" FROM SUPPORT PLATE AND FACE OF CONCRETE POUR.
- ALL EXPOSED CONCRETE SURFACES SHALL BE SEALED, ITEM 559.02.

LEGEND

- (NO.) - INDICATES CONCRETE PLACEMENT NUMBER
- (G*) - INDICATES GIRDER NUMBER

PILE LEGEND

- — APPROX. LOCATION OF EXIST. CIP PILE
- I — STEEL H-PILE, ITEM NO. 551.012053
- ⋮ — INDICATES PILE DESIGNATED FOR DYNAMIC PILE LOAD TEST, ITEM 551.14
- PILE CUT-OFF ELEVATION IS 451.19 ft.
- FOR PILE NOTES, SEE DWG. NO. ST-06
- FOR PILE SPLICE DETAILS, SEE DWG. NO. ST-40
- FOR PILE TIP DETAILS, SEE DWG. NO. ST-40
- THE ESTIMATED LENGTH OF PILE IS 55 ft.


PILE TABLE

PILE NO.	LENGTH BELOW CUTOFF
1	
2	
3	
4	
5	
6	
7	

ELEVATION

• THESE ELEVATIONS ARE TAKEN AT C OF BEARINGS

PILES OMITTED FOR CLARITY

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



Thruway
Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
ENDING ABUTMENT
PLAN AND ELEVATION

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
ST-16

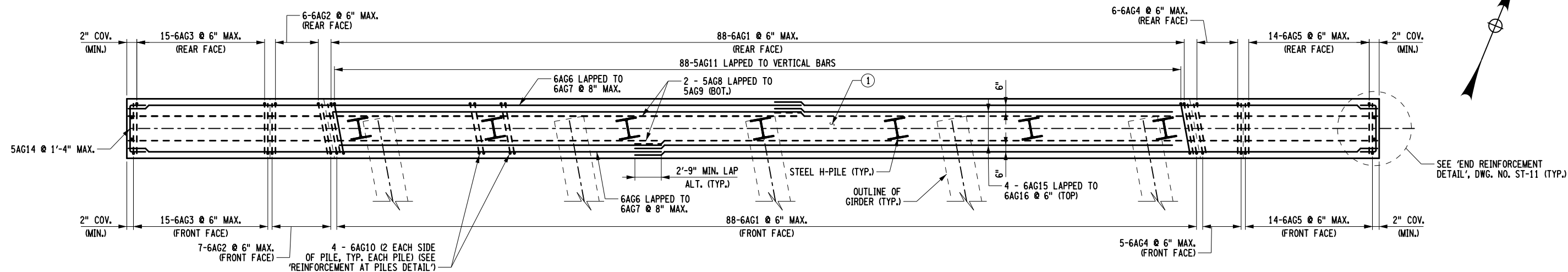
CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHLING

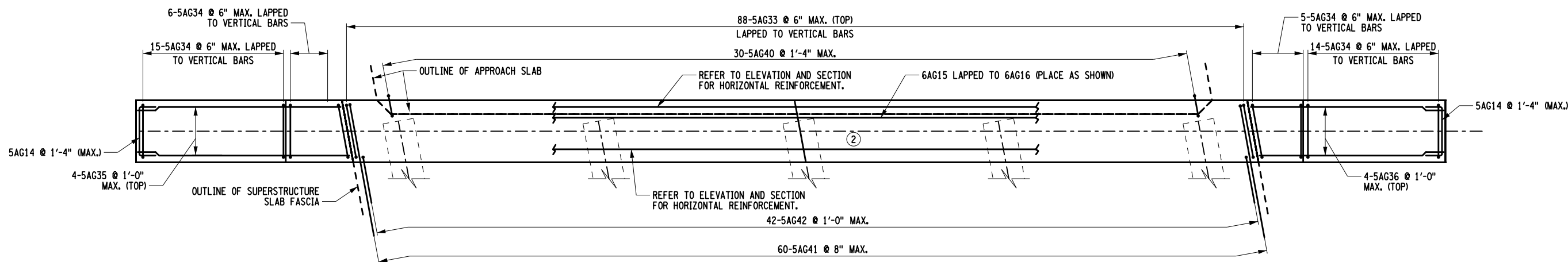
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHLING

DESIGN SUPERVISOR: D. LIVERMORE



LOWER STEM REINFORCEMENT PLAN



UPPER STEM REINFORCEMENT PLAN

NOTES

- FOR THE FOLLOWING SEE:
 - TYPICAL REINFORCEMENT SECTION DWG. NO. ST-19
 - REINFORCEMENT AT PILES DWG. NO. ST-20
- COVER FOR STEEL REINFORCEMENT SHALL BE 2" UNLESS OTHERWISE NOTED.

LEGEND

(NO.) - INDICATES CONCRETE PLACEMENT NUMBER

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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DATE	DESCRIPTION	BY	SYM.

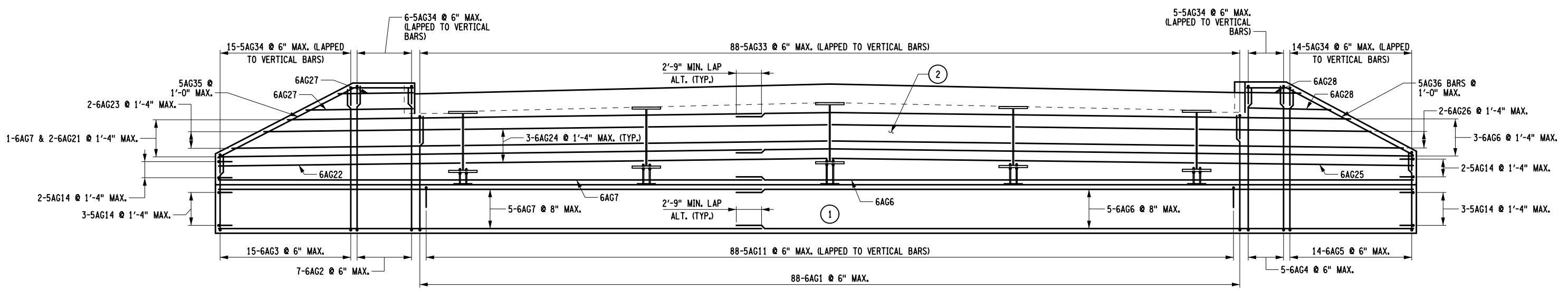


Thruway
Authority

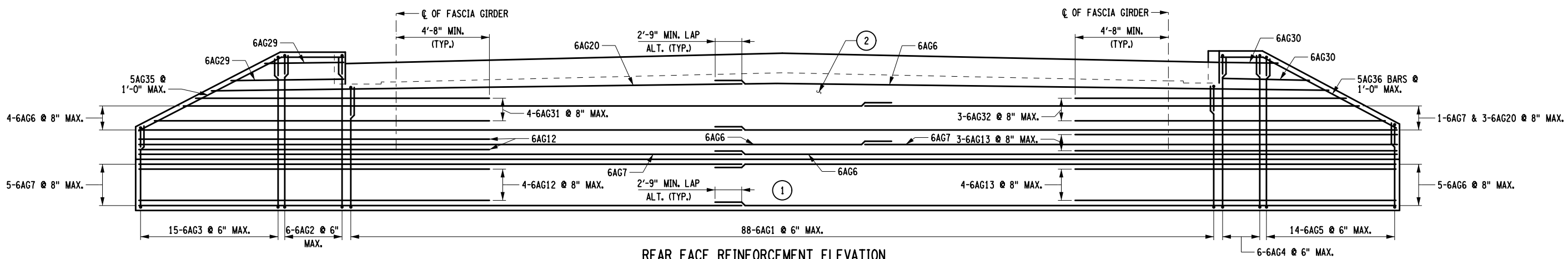
TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
ENDING ABUTMENT DETAILS
(SHEET 1 OF 2)

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-17

CHECKED BY: D. LIVERMORE
DRAFTED BY: B. WARTHUNG
DESIGNED BY: B. WARTHUNG
DESIGN SUPERVISOR: D. LIVERMORE




FRONT FACE REINFORCEMENT ELEVATION




REAR FACE REINFORCEMENT ELEVATION

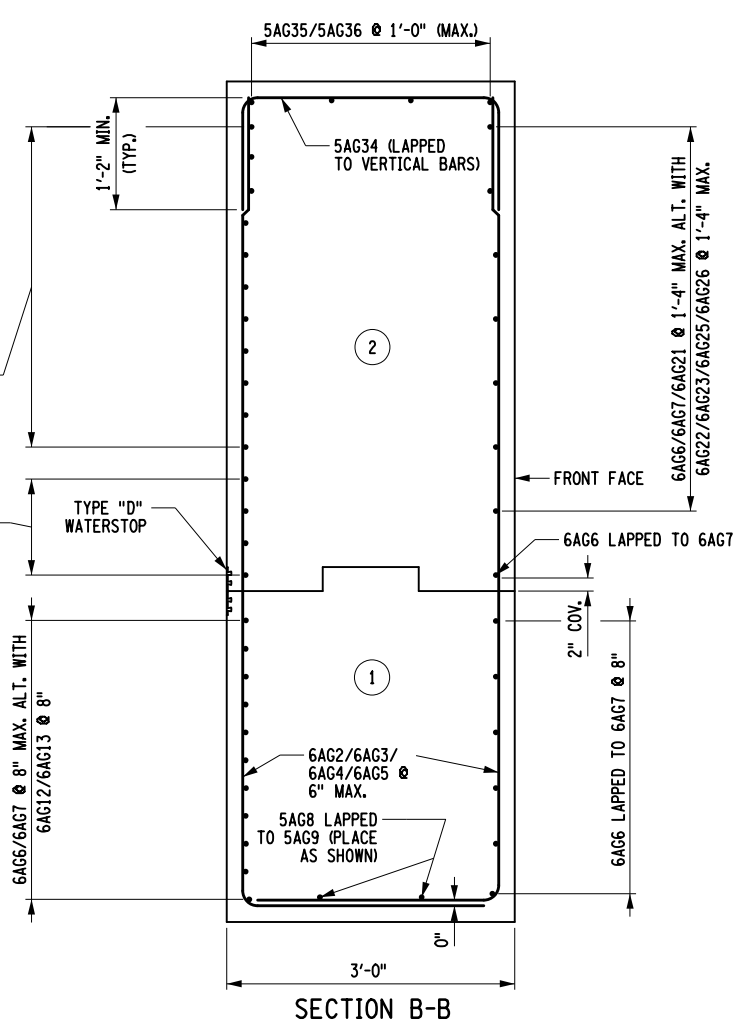
- NOTES**
1. FOR THE FOLLOWING SEE:
A. TYPICAL REINFORCEMENT SECTION ST-19
 2. COVER FOR STEEL REINFORCEMENT SHALL BE 2" UNLESS OTHERWISE NOTED.
 3. HORIZONTAL U-SHAPED BARS NOT SHOWN ON THE REAR ELEVATION FOR CLARITY.
 4. PILES OMITTED FOR CLARITY.
 5. IT IS PERMISSIBLE TO CUT REINFORCEMENT THAT INTERFERES WITH THE GIRDERS TO WITHIN 2" OF THE BOTTOM FLANGE. REINFORCEMENT COATINGS SHALL BE REPAIRED AS SPECIFIED IN THE NYSDOT STANDARD SPECIFICATIONS.
- LEGEND**
- (NO.) - INDICATES CONCRETE PLACEMENT NUMBER

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
	TITLE OF DRAWING ENDING ABUTMENT DETAILS (SHEET 2 OF 2)	DRAWING NUMBER: ST-18



1. INSTALL PILES.
2. PLACE ABUTMENT LOWER STEM CONCRETE TO THE BRIDGE SEAT ELEVATION.
3. BACKFILL ABUTMENT STEMS TO 6" BELOW THE BRIDGE SEAT ELEVATION. NO BACKFILL OF THE ABUTMENT STEMS ALLOWED UNTIL THE ABUTMENTS HAVE CURED FOR 7 DAYS. THE FILL HEIGHT BEHIND ANY SINGLE ABUTMENT STEM SHALL NOT VARY BY MORE THAN 2'-0".
4. PLACE STONE FILL OR SLOPE PROTECTION.
5. ERECT GIRDERS AND INSTALL DIAPHRAGMS.
6. PLACE ABUTMENT BACKWALL CONCRETE TO TOP OF GIRDERS.
7. BACKFILL ABUTMENT UPPER STEMS. NO BACKFILLING OF THE ABUTMENT UPPER STEMS IS ALLOWED UNTIL THEY HAVE CURED FOR 7 DAYS. BACKFILLING SHALL BE CONDUCTED SUCH THAT THE MAXIMUM DIFFERENTIAL IN FILL HEIGHT BETWEEN THE TWO UPPER STEMS (AS MEASURED FROM THE BOTTOM OF THE STEM) DOES NOT EXCEED 2'-0". IN ADDITION, THE FILL HEIGHT BEHIND ANY SINGLE ABUTMENT UPPER STEM SHALL NOT VARY BY MORE THAN 2'-0".
8. PLACE CONCRETE FOR DECK SLAB (CONTRACTOR MAY ELECT TO PLACE CONCRETE FOR DECK SLAB PRIOR TO BACKFILLING ABUTMENTS. DECK SLAB SHALL NOT BE PLACED UNTIL BACKWALLS HAVE CURED FOR 7 DAYS).
9. PLACE CONCRETE FOR APPROACH SLABS.

CONTRACT NUMBER:	TAS 25-30B
DATE:	09/16/2025
DRAWING NUMBER:	ST-19

09/17/2025 9:02:30 AM S53076 cpb 70 abt dtl 01.dgn

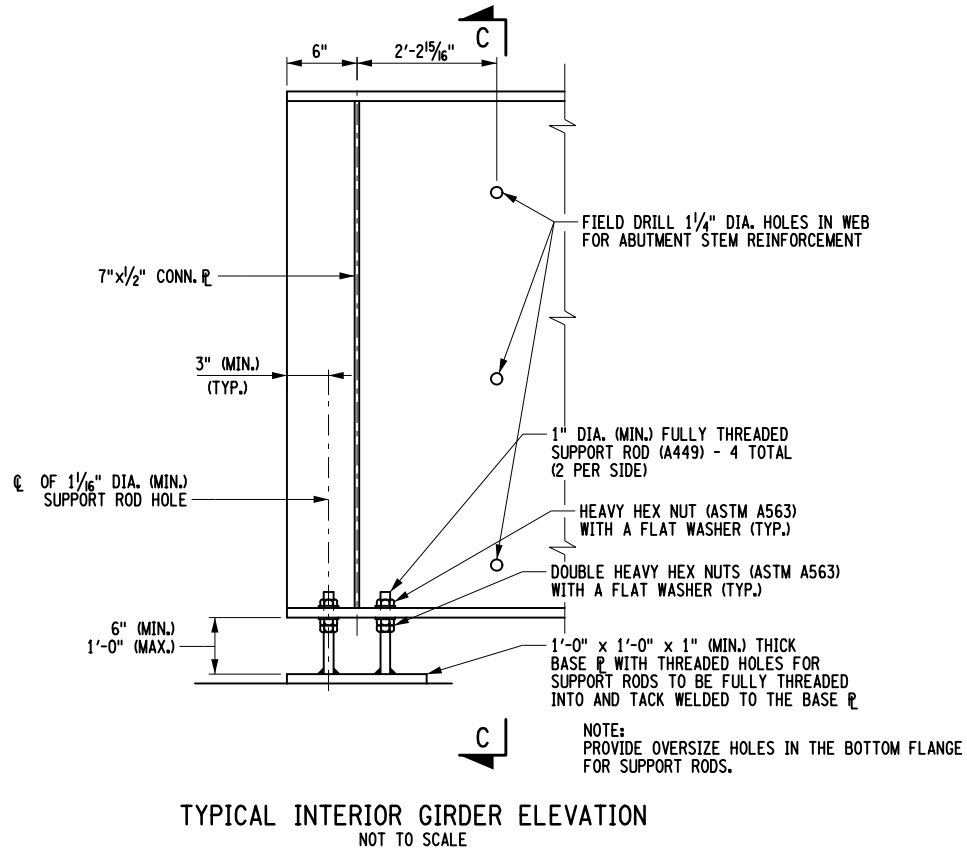
CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

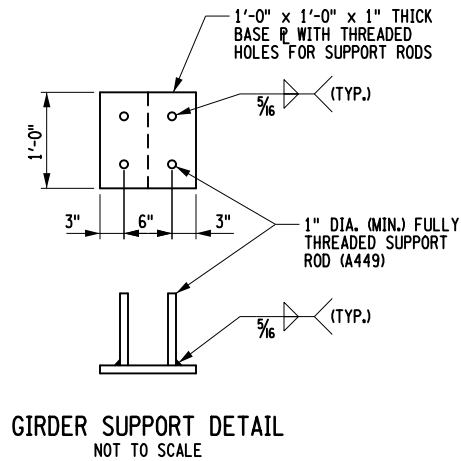
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DESIGNED BY: B. WARTHUNG

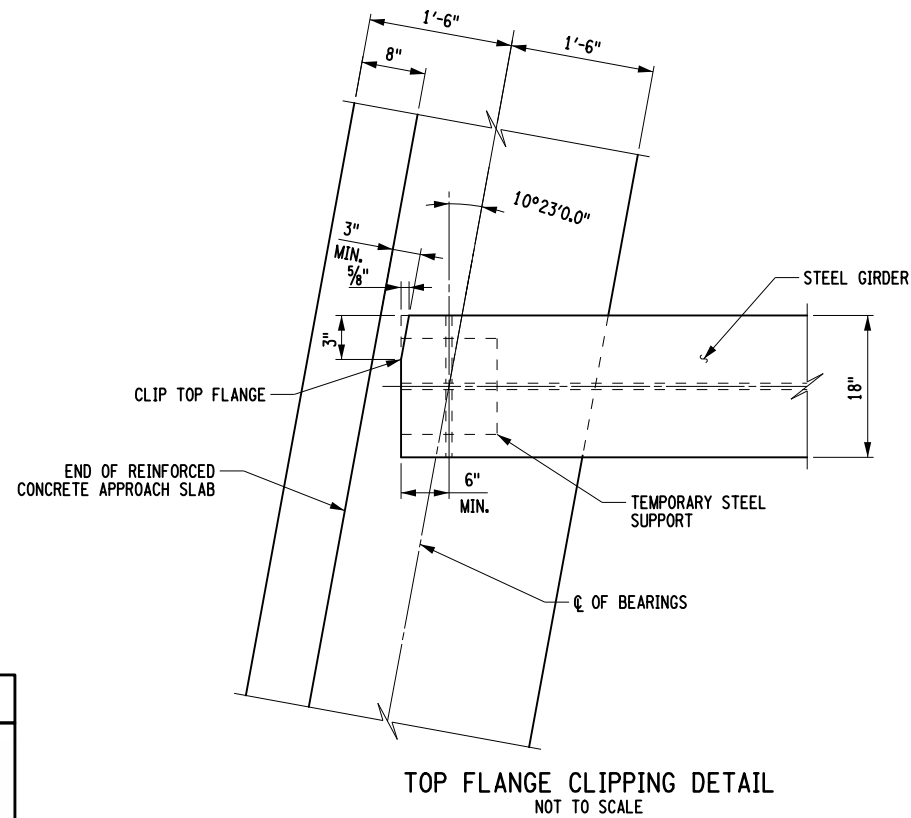
DESIGN SUPERVISOR: D. LIVERMORE



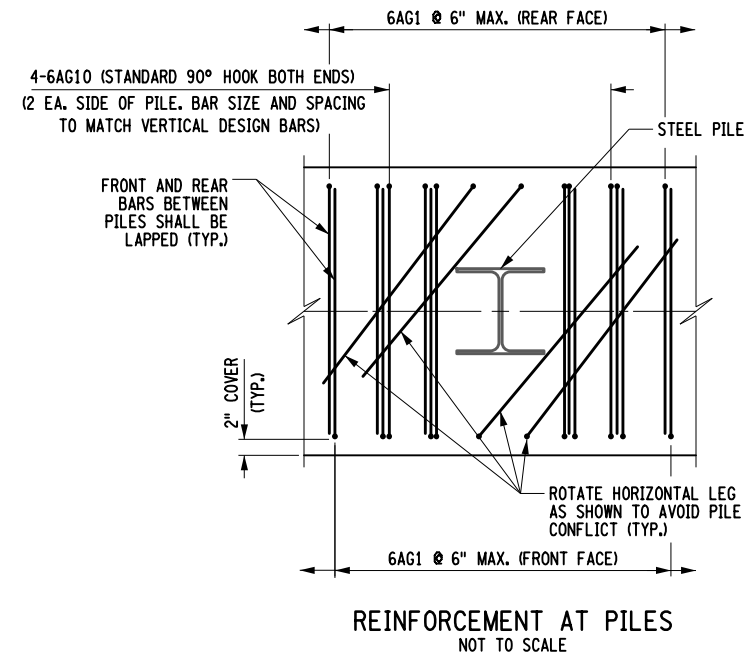
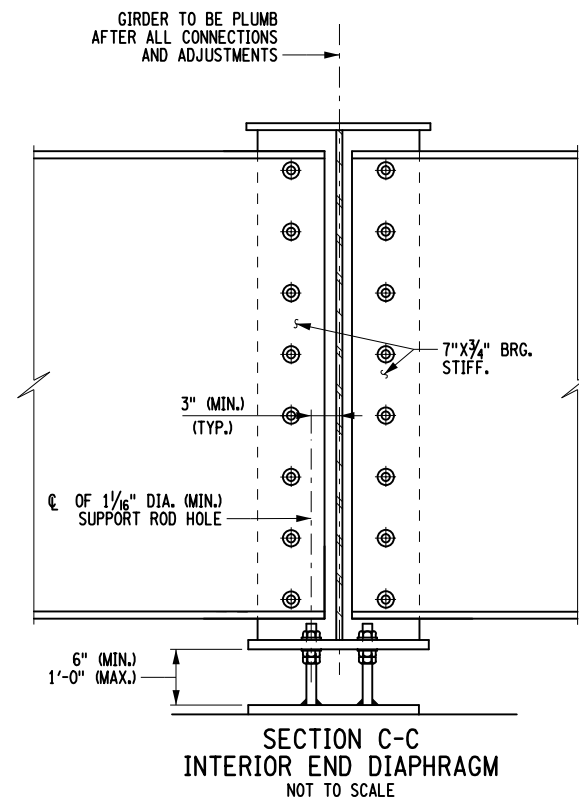
TYPICAL INTERIOR GIRDER ELEVATION
NOT TO SCALE




GIRDER SUPPORT DETAIL
NOT TO SCALE



TOP FLANGE CLIPPING DETAIL
NOT TO SCALE



ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



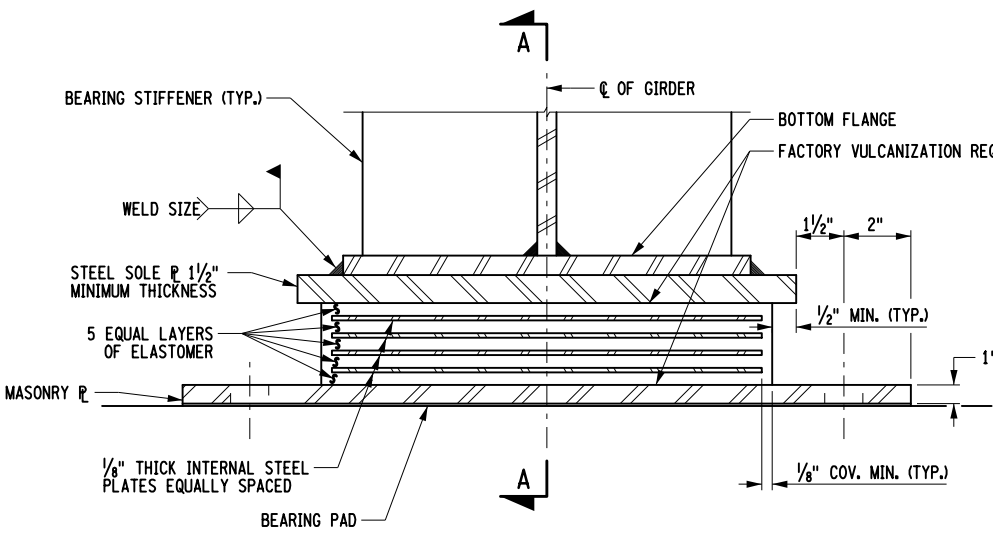
Thruway
Authority

TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING ABUTMENT DETAILS (SHEET 2 OF 2)	DRAWING NUMBER: ST-20

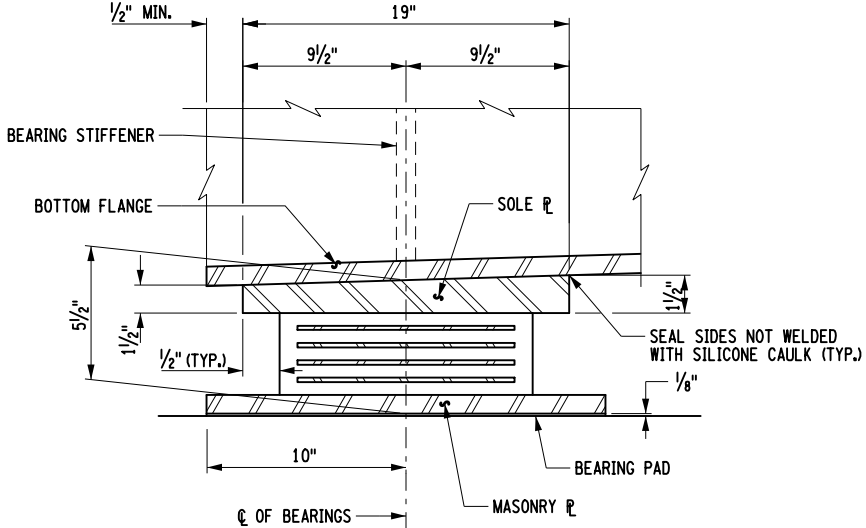
EXPANSION ELASTOMERIC BEARING (TYPE E.B.) TABLE

EXPANSION ELASTOMERIC BEARING (TYPE E.B.) TABLE																																
LOCATION	ITEM NO.	QUANTITY REQUIRED	D.L. + S.D.L. (kips)	L.L. WITHOUT IMPACT (kips)	TOTAL DESIGN REACTION (kips)	SHAPE FACTOR	ELASTOMER LAYER					h _r †	COMP. AREA (SQ. In.)	SHEAR AREA (SQ. In.)	MASONRY PLATE								ANCHOR STUDS		WELD SIZE	WASHER PLATE		SOLE PLATE				BRG. H
							THK/LAYER	NO. LAYERS	L	W	D				Wm	Lm	Tm	E†	Ei	Ez	Am	Bm	DIA.	STUDS/BRG.		Awp	Bwp	Ws	Ls	T1	T2	
PIER	565.2035	5	282	181	463	9.90	1/2"	5	18"	22"	N/A	2½"	386	396	30"	20"	1"	2"	10"	1½"	2½"	1⅜"	1"	2	⅝"	3½"	2⅜"	23"	19"	1½"	1½"	5½"

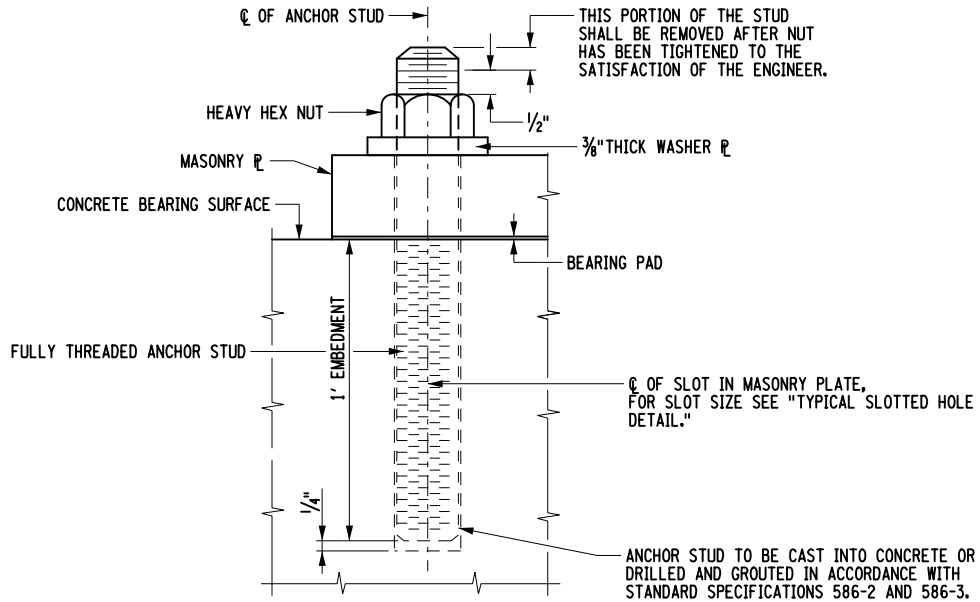
TABLE DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. T2 IS UPSTATION OF T1.
LOADS SHOWN IN THIS TABLE ARE UNFACTORED.



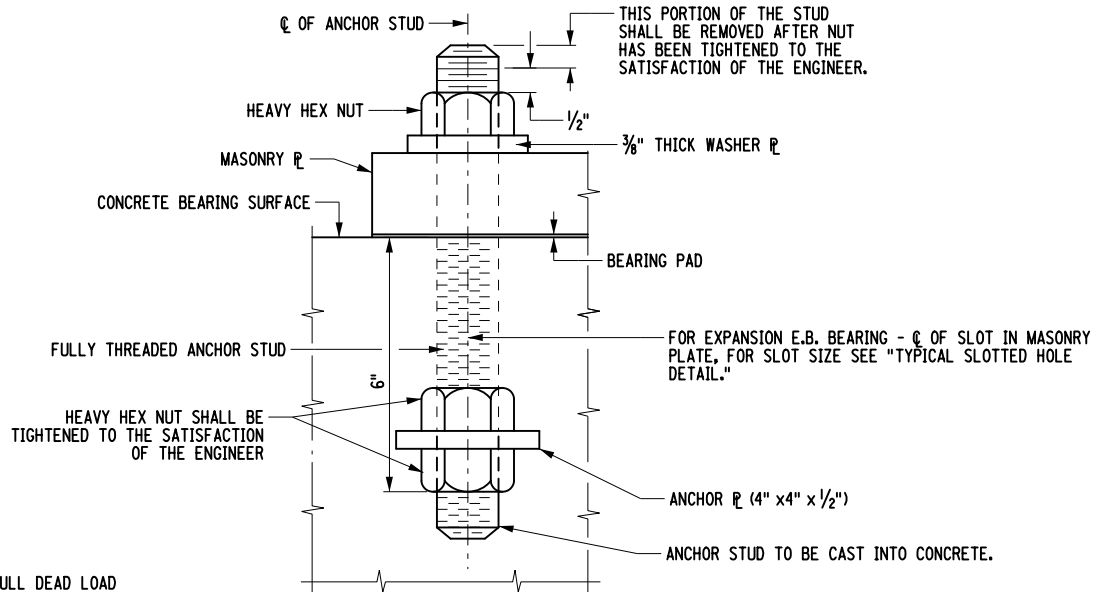
ELEVATION



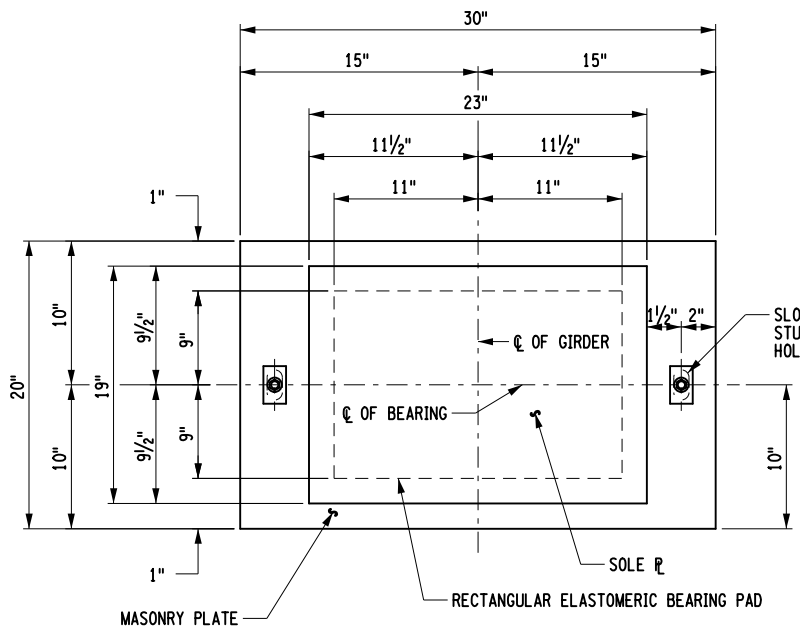
SECTION A-A



ANCHOR STUD

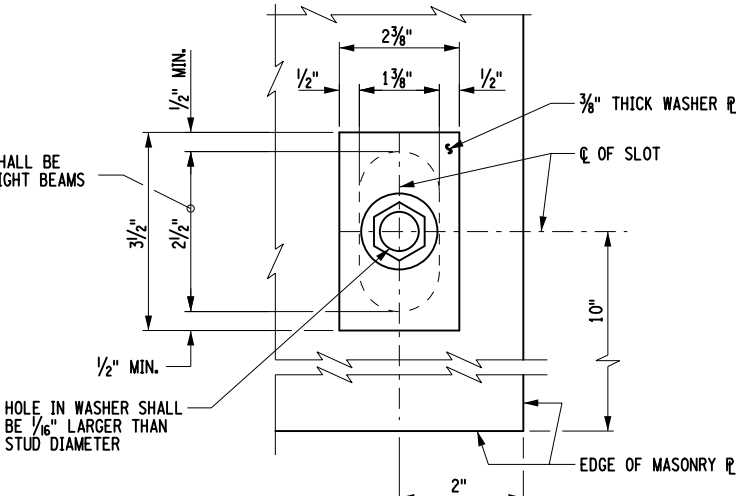


ANCHOR STUD WITH ANCHOR PLATE



PLAN

LENGTH OF SLOT SHALL BE PARALLEL TO STRAIGHT BEAMS



TYPICAL SLOTTED HOLE DETAIL
MASONRY PLATE

NOTES

1. THE BEARINGS SHALL MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 565 UNLESS OTHERWISE NOTED.
2. ALL ELASTOMER SHALL BE 50 DUROMETER HARDNESS ON THE SHORE A SCALE.
3. ALL STEEL EXCEPT THE INTERNAL STEEL PLATES SHALL CONFORM TO ASTM A709, GR. 50, UNLESS OTHERWISE NOTED.
4. BEARING PADS SHALL CONFORM TO ONE OF THE FOLLOWING MATERIAL SPECIFICATIONS: 728-01, 728-02 OR 728-03.
5. INSTALLATION ALIGNMENT: THE MAXIMUM VARIATION FROM PERFECT ALIGNMENT UNDER FULL DEAD LOAD SHALL NOT EXCEED 3/16". THIS VARIATION SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CENTERLINE OF THE HIGHEST ELASTOMER SURFACE AND THE CENTERLINE OF THE LOWEST ELASTOMER SURFACE.
6. CONCRETE SURFACES UNDER THE BEARINGS SHALL CONFORM TO SUBSECTION 565-3.02 "CONCRETE BEARING SURFACE PREPARATION" OF THE NEW YORK STATE STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS.
7. THE BEARING PAD, ANCHOR STUDS WASHER PLATES AND NUTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE BEARING ITEM.
8. IF THE ANCHOR STUDS ARE SET UNDER THE SOLE PLATE, A MINIMUM CLEARANCE EQUAL TO TWO TIMES THE THICKNESS OF ANCHOR NUT PLUS 1" SHALL BE MAINTAINED BETWEEN THE TOP OF MASONRY PLATE AND BOTTOM OF SOLE PLATE.

ANCHOR STUDS, WASHERS, WASHER PLATES, ANCHOR PLATES, AND NUTS SHALL MEET THE REQUIREMENTS OF SUBSECTION 723-60. THEY SHALL BE GALVANIZED IN ACCORDANCE WITH THE REQUIREMENTS OF MATERIAL SUBSECTION 719-01, "GALVANIZED COATINGS AND REPAIR METHODS." THE COST, INCLUDING GALVANIZING, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE BEARING ITEM.

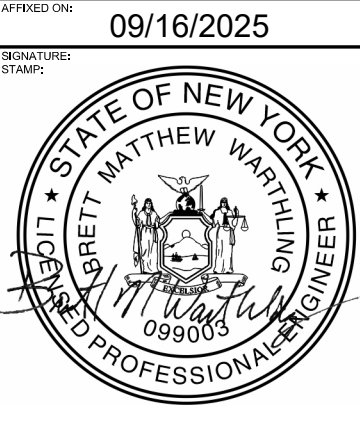
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

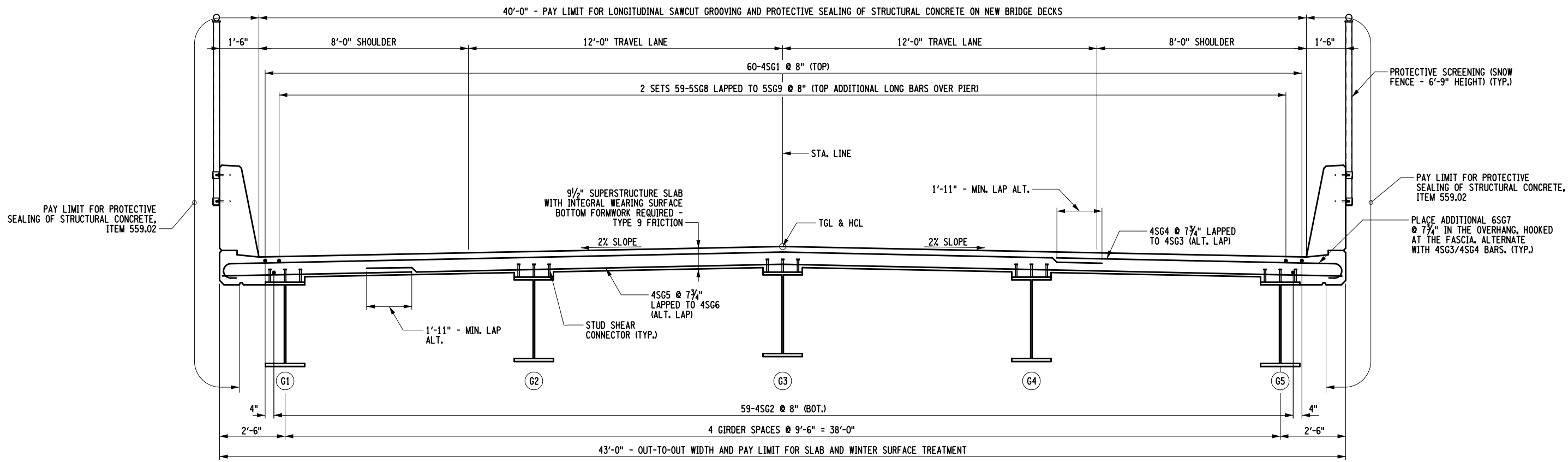


TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING BEARINGS	DRAWING NUMBER: ST-21

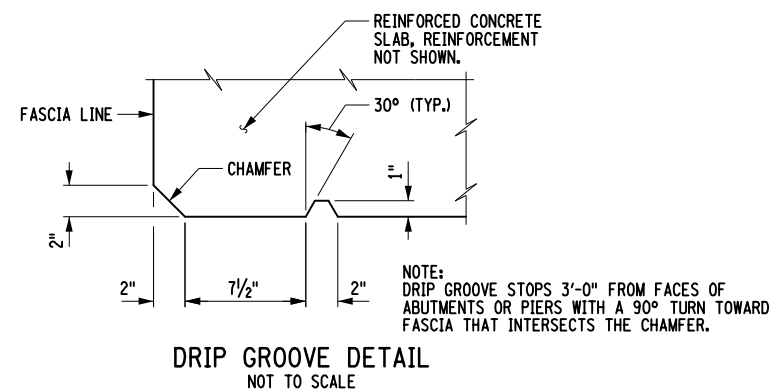
CHECKED BY: B. WARTHING
DRAFTED BY: J. VALENSI
CHECKED BY: D. LIVERMORE
DESIGNED BY: B. WARTHING
DESIGN SUPERVISOR: D. LIVERMORE



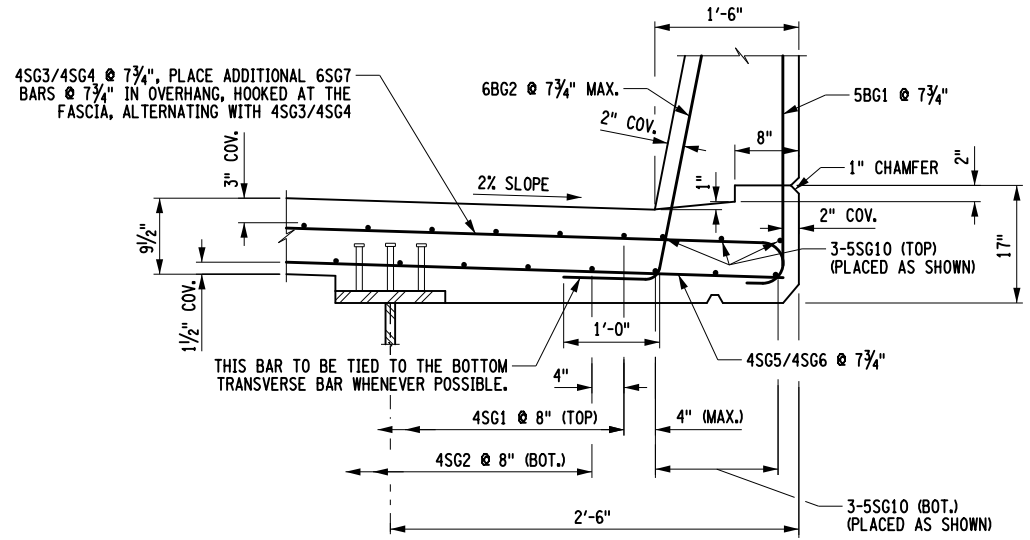
CHECKED BY: B. WARTHLING
DRAFTED BY: J. VALENSI
CHECKED BY: D. LIVERMORE
DESIGNED BY: B. WARTHLING
DESIGN SUPERVISOR: D. LIVERMORE



TRANSVERSE SECTION
(LOOKING UPSTATION)



- NOTES
1. FOR THE FOLLOWING SEE:
- | | |
|----------------------------------|------------------|
| A. SUPERSTRUCTURE SLAB DETAILS | ST-30 |
| B. FRAMING PLAN | ST-23 |
| C. STEEL GIRDER DETAILS | ST-24 THRU ST-28 |
| D. BARRIER REINFORCEMENT DETAILS | ST-33 |
- DWG. NO.



FASCIA DETAIL
NOT TO SCALE



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



Thruway
Authority

TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING TRANSVERSE SECTION	DRAWING NUMBER: ST-22



1. FOR THE FOLLOWING SEE: DWG. NO.

A. STEEL GIRDER DETAILS	ST-24 THRU ST-28
B. GIRDER SUPPORT DETAIL	ST-20

2. CONNECTIONS SHALL BE MADE ACCORDING TO THE NEW YORK STATE STEEL CONSTRUCTION MANUAL.

3. UNLESS OTHERWISE INDICATED, BOLTED CONNECTIONS SHALL BE MADE WITH $\frac{1}{8}$ " DIA. ASTM F3125, GRADE A325 HIGH-STRENGTH BOLTS.


4. THE CONTRACTOR MAY PLACE DIAPHRAGMS ON EITHER SIDE OF THE BEARING STIFFENERS OR CONNECTION PLATES AS NECESSARY FOR CORRECT ALIGNMENT, PROVIDED THERE WILL BE NO INTERFERENCE WITH OTHER STRUCTURAL DETAILS.

5. TAPERED OR FLAT SHIM PLATES MAY BE USED IN THE CONNECTION BETWEEN SKEWED DIAPHRAGMS AND THE BEARING STIFFENERS, STIFFENER CONNECTION PLATES OR GUSSET PLATES. VARIABLE THICKNESSES OF SHIM PLATES MAY BE USED. THE MINIMUM THICKNESS OF SHIM PLATE SHALL BE $\frac{1}{8}$ " WITH A MAXIMUM NUMBER OF THREE SHIM PLATES PERMITTED AT ANY CONNECTION. THE TOTAL THICKNESS OF ALL SHIM PLATES USED AT ANY CONNECTION SHALL NOT EXCEED 1". SHIM PLATES SHALL HAVE THE DIMENSIONS OF THE FAYING SURFACE. THE SHIM MATERIAL SHALL CONFORM TO ASTM DESIGNATION A709(W) FOR WEATHERING STEEL APPLICATIONS. NO ADDITIONAL PAYMENT WILL BE MADE FOR FURNISHING AND PLACING THE SHIM PLATES.

6. DIAPHRAGM MEMBERS SHALL BE BLOCKED AS SHOWN, WITH THEIR FLANGE CUT BACK ON ONE SIDE, AND CHIPPED OR GROUND FLUSH. IN LIEU OF BLOCKING THE DIAPHRAGM MEMBER, THE FABRICATOR SHALL HAVE THE OPTION OF COPING THE FLANGE.

7. ALL BOLT HEADS SHALL BE PLACED ON THE TOP SIDE OF CONNECTIONS UNLESS OTHERWISE NOTED.

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	Thruway Authority	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
		LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
		TITLE OF DRAWING	DRAWING NUMBER:
		FRAMING PLAN	ST-23

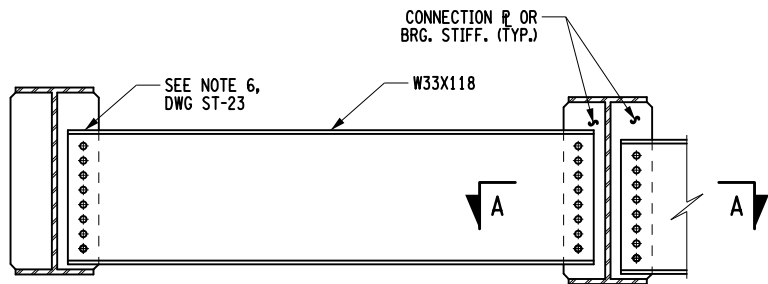
CHECKED BY: B. WARTHLING

DRAFTED BY: J. VALENSI

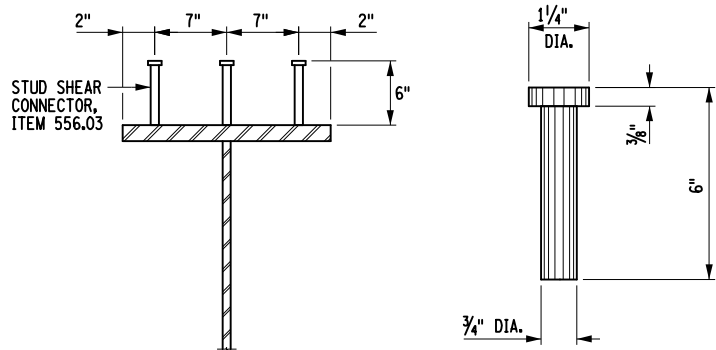
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHLING

DESIGN SUPERVISOR: D. LIVERMORE

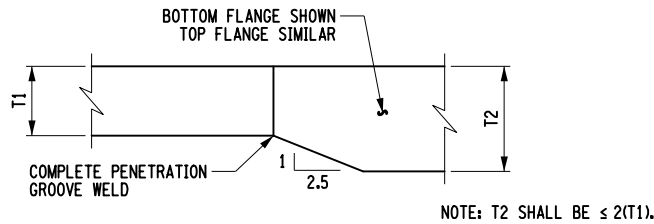


DIAPHRAGM D1

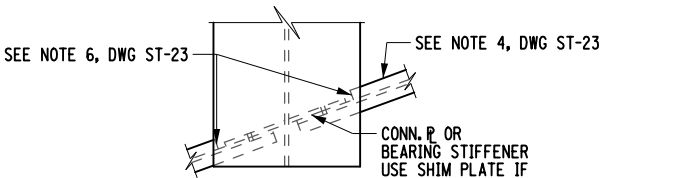


STUD SHEAR
CONNECTOR DETAIL

STUD DETAIL



FLANGE THICKNESS TAPER



SECTION A-A

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING GIRDER DETAILS (SHEET 2 OF 5)

CONTRACT NUMBER: TAS 25-30B
DATE: 09/16/2025
DRAWING NUMBER: ST-25

CHECKED BY: B. WARTHLING

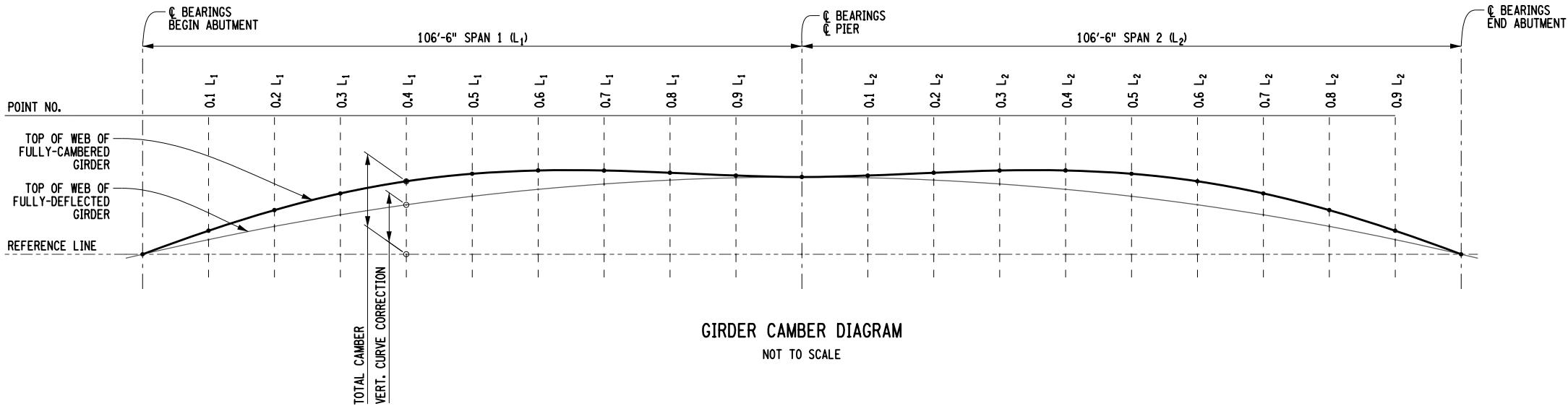
DRAFTED BY: J. VALENSI


CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHLING

DESIGN SUPERVISOR: D. LIVERMORE

CAMBER TABLE		CL OF BRGS. BEG. ABUT.	0.1 L1	0.2 L1	0.3 L1	0.4 L1	0.5 L1	0.6 L1	0.7 L1	0.8 L1	0.9 L1	CL OF BRGS. PIER	0.1 L2	0.2 L2	0.3 L2	0.4 L2	0.5 L2	0.6 L2	0.7 L2	0.8 L2	0.9 L2	CL OF BRGS. END ABUT.
G1	I STEEL D.L. (ft.)	0.000	0.015	0.030	0.040	0.040	0.040	0.030	0.020	0.010	0.005	0.000	0.005	0.010	0.020	0.030	0.040	0.040	0.040	0.030	0.015	0.000
	II CONCRETE D.L. (ft.)	0.000	0.060	0.110	0.145	0.155	0.145	0.115	0.080	0.040	0.010	0.000	0.010	0.040	0.080	0.115	0.145	0.155	0.145	0.110	0.060	0.000
	III SUPERIMPOSED D.L. (ft.)	0.000	0.015	0.025	0.035	0.035	0.035	0.030	0.020	0.010	0.005	0.000	0.005	0.010	0.020	0.030	0.035	0.035	0.035	0.025	0.015	0.000
	IV VERTICAL CURVE (ft.)	0.000	0.075	0.145	0.205	0.260	0.305	0.340	0.370	0.390	0.400	0.405	0.400	0.390	0.370	0.340	0.305	0.260	0.205	0.145	0.075	0.000
	TOTAL = I+II+III+IV (ft.)	0.000	0.165	0.310	0.425	0.490	0.525	0.515	0.490	0.450	0.420	0.405	0.420	0.450	0.490	0.515	0.525	0.490	0.425	0.310	0.165	0.000
G2	I STEEL D.L. (ft.)	0.000	0.020	0.030	0.040	0.045	0.045	0.035	0.025	0.015	0.005	0.000	0.005	0.015	0.025	0.035	0.045	0.045	0.040	0.030	0.020	0.000
	II CONCRETE D.L. (ft.)	0.000	0.070	0.125	0.165	0.175	0.165	0.130	0.090	0.045	0.015	0.000	0.015	0.045	0.090	0.130	0.165	0.175	0.165	0.125	0.070	0.000
	III SUPERIMPOSED D.L. (ft.)	0.000	0.015	0.025	0.030	0.035	0.030	0.025	0.020	0.010	0.005	0.000	0.005	0.010	0.020	0.025	0.030	0.035	0.030	0.025	0.015	0.000
	IV VERTICAL CURVE (ft.)	0.000	0.075	0.145	0.205	0.260	0.305	0.340	0.370	0.390	0.400	0.405	0.400	0.390	0.370	0.340	0.305	0.260	0.205	0.145	0.075	0.000
	TOTAL = I+II+III+IV (ft.)	0.000	0.180	0.325	0.440	0.515	0.545	0.530	0.505	0.460	0.425	0.405	0.425	0.460	0.505	0.530	0.545	0.515	0.440	0.325	0.180	0.000
G3	I STEEL D.L. (ft.)	0.000	0.020	0.030	0.040	0.045	0.045	0.035	0.025	0.015	0.005	0.000	0.005	0.015	0.025	0.035	0.045	0.045	0.040	0.030	0.020	0.000
	II CONCRETE D.L. (ft.)	0.000	0.070	0.125	0.165	0.175	0.165	0.130	0.090	0.045	0.015	0.000	0.015	0.045	0.090	0.130	0.165	0.175	0.165	0.125	0.070	0.000
	III SUPERIMPOSED D.L. (ft.)	0.000	0.015	0.025	0.030	0.035	0.030	0.025	0.020	0.010	0.005	0.000	0.005	0.010	0.020	0.025	0.030	0.035	0.030	0.025	0.015	0.000
	IV VERTICAL CURVE (ft.)	0.000	0.075	0.145	0.205	0.260	0.305	0.340	0.370	0.390	0.400	0.405	0.400	0.390	0.370	0.340	0.305	0.260	0.205	0.145	0.075	0.000
	TOTAL = I+II+III+IV (ft.)	0.000	0.180	0.325	0.440	0.515	0.545	0.530	0.505	0.460	0.425	0.405	0.425	0.460	0.505	0.530	0.545	0.515	0.440	0.325	0.180	0.000
G4	I STEEL D.L. (ft.)	0.000	0.020	0.030	0.040	0.045	0.045	0.035	0.025	0.015	0.005	0.000	0.005	0.015	0.025	0.035	0.045	0.045	0.040	0.030	0.020	0.000
	II CONCRETE D.L. (ft.)	0.000	0.070	0.125	0.165	0.175	0.165	0.130	0.090	0.045	0.015	0.000	0.015	0.045	0.090	0.130	0.165	0.175	0.165	0.125	0.070	0.000
	III SUPERIMPOSED D.L. (ft.)	0.000	0.015	0.025	0.030	0.035	0.030	0.025	0.020	0.010	0.005	0.000	0.005	0.010	0.020	0.025	0.030	0.035	0.030	0.025	0.015	0.000
	IV VERTICAL CURVE (ft.)	0.000	0.075	0.145	0.205	0.260	0.305	0.340	0.370	0.390	0.400	0.405	0.400	0.390	0.370	0.340	0.305	0.260	0.205	0.145	0.075	0.000
	TOTAL = I+II+III+IV (ft.)	0.000	0.180	0.325	0.440	0.515	0.545	0.530	0.505	0.460	0.425	0.405	0.425	0.460	0.505	0.530	0.545	0.515	0.440	0.325	0.180	0.000
G5	I STEEL D.L. (ft.)	0.000	0.015	0.030	0.040	0.040	0.040	0.030	0.020	0.010	0.005	0.000	0.005	0.010	0.020	0.030	0.040	0.040	0.040	0.030	0.015	0.000
	II CONCRETE D.L. (ft.)	0.000	0.060	0.110	0.145	0.155	0.145	0.115	0.080	0.040	0.010	0.000	0.010	0.040	0.080	0.115	0.145	0.155	0.145	0.110	0.060	0.000
	III SUPERIMPOSED D.L. (ft.)	0.000	0.015	0.025	0.035	0.035	0.035	0.030	0.020	0.010	0.005	0.000	0.005	0.010	0.020	0.030	0.035	0.035	0.035	0.025	0.015	0.000
	IV VERTICAL CURVE (ft.)	0.000	0.075	0.145	0.205	0.260	0.305	0.340	0.370	0.390	0.400	0.405	0.400	0.390	0.370	0.340	0.305	0.260	0.205	0.145	0.075	0.000
	TOTAL = I+II+III+IV (ft.)	0.000	0.165	0.310	0.425	0.490	0.525	0.515	0.490	0.450	0.420	0.405	0.420	0.450	0.490	0.515	0.525	0.490	0.425	0.310	0.165	0.000



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SIGNATURE: STAMP:	SIGNATURE: STAMP: 

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



Thruway
Authority

TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING GIRDER DETAILS (SHEET 3 OF 5)	DRAWING NUMBER: ST-26

CHECKED BY: B. WARTHLING

DRAFTED BY: J. VALENSI

CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHLING

DESIGN SUPERVISOR: D. LIVERMORE

MOMENT & SHEAR TABLE			CL OF BRGS. BEG. ABUT.	0.1 L1	0.2 L1	0.3 L1	0.4 L1	0.5 L1	0.6 L1	0.7 L1	0.8 L1	0.9 L1	CL OF BRGS. PIER	0.1 L2	0.2 L2	0.3 L2	0.4 L2	0.5 L2	0.6 L2	0.7 L2	0.8 L2	0.9 L2	CL OF BRGS. END ABUT.
G1 & G5	D.L.	MOMENT	0	462	768	920	917	758	445	-24	-650	-1449	-2422	-1449	-650	-24	445	758	917	920	768	462	0
		SHEAR	51	36	22	7	-8	-22	-37	-51	-67	-83	-100 / 100	83	67	51	37	22	8	-7	-22	-36	-51
	S.D.L.	MOMENT	0	140	234	282	284	239	148	11	-173	-403	-679	-403	-173	11	148	239	284	282	234	140	0
		SHEAR	15	11	7	2	-2	-6	-11	-15	-19	-24	-28 / 28	24	19	15	11	6	2	-2	-7	-11	-15
	HL-93(+)	MOMENT	0	816	1378	1706	1835	1781	1562	1179	679	266	0	266	678	1179	1562	1781	1835	1705	1378	816	0
		SHEAR	93	77	62	49	37	27	19	12	6	2	0 / 109	98	86	75	63	51	39	27	17	12	12
	HL-93(-)	MOMENT	0	-128	-256	-384	-512	-640	-768	-896	-1035	-1520	-2298	-1520	-1035	-896	-768	-640	-512	-384	-256	-128	0
		SHEAR	-13	-13	-18	-28	-39	-51	-62	-74	-84	-95	-105 / 0	-3	-6	-12	-19	-27	-37	-48	-61	-74	-89
G2 - G4	D.L.	MOMENT	0	518	862	1032	1028	850	498	-28	-731	-1625	-2712	-1625	-731	-28	498	850	1028	1032	862	518	0
		SHEAR	57	40	24	8	-9	-25	-41	-58	-75	-93	-111 / 111	93	75	58	41	25	9	-8	-24	-40	-57
	S.D.L.	MOMENT	0	141	235	283	284	240	149	12	-172	-401	-677	-401	-172	12	149	240	284	283	235	141	0
		SHEAR	15	11	7	2	-2	-6	-11	-15	-19	-24	-28 / 28	24	19	15	11	6	2	-2	-7	-11	-15
	HL-93(+)	MOMENT	0	697	1178	1457	1568	1521	1333	1006	614	241	0	241	613	1006	1333	1521	1568	1457	1178	697	0
		SHEAR	109	90	73	58	44	32	22	14	7	3	0 / 128	115	102	88	74	60	46	32	21	15	14
	HL-93(-)	MOMENT	0	-110	-219	-329	-439	-548	-658	-768	-940	-1381	-2087	-1381	-940	-768	-658	-548	-439	-329	-219	-110	0
		SHEAR	-15	-15	-21	-33	-46	-60	-73	-87	-100	-112	-124 / 0	-3	-8	-14	-22	-32	-44	-57	-72	-88	-105

MOMENTS AND SHEARS ARE UNFACTORED AND INCLUDE IMPACT
MOMENTS ARE EXPRESSED AS Kip-Feet
SHEARS ARE EXPRESSED AS Kips


DESIGN LOAD TABLE			
GIRDER		G1 & G5	G2 - G4
UNIT		LOAD K/ft.	LOAD K/ft.
D.L.	SLAB	0.861	1.128
	HAUNCH	0.209	0.060
	GIRDER	0.292	0.292
	S.I.P. FORMS	0.019	0.038
	DIAPHRAGMS	0.029	0.059
	TOTAL	1.410	1.577
S.D.L.	BARRIER	0.248	0.248
	FUTURE W.S.	0.160	0.160
	TOTAL	0.408	0.408

ASSUMED LIVE LOAD = HL-93

ALTERED ON:


AFFIXED ON:
09/16/2025

SIGNATURE:
STAMP:



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

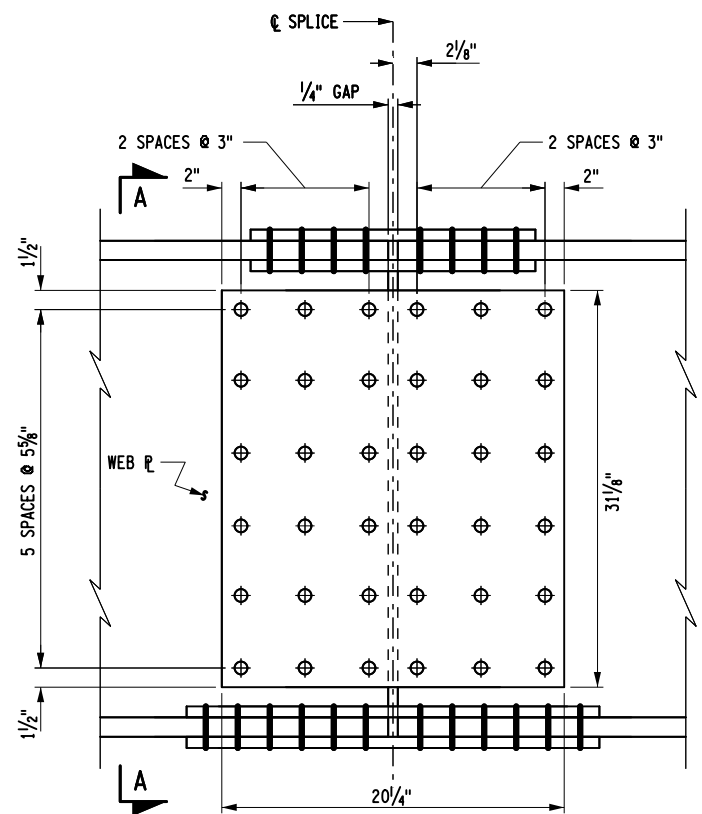
TITLE OF DRAWING
GIRDER DETAILS
(SHEET 4 OF 5)

CONTRACT NUMBER:
TAS 25-30B

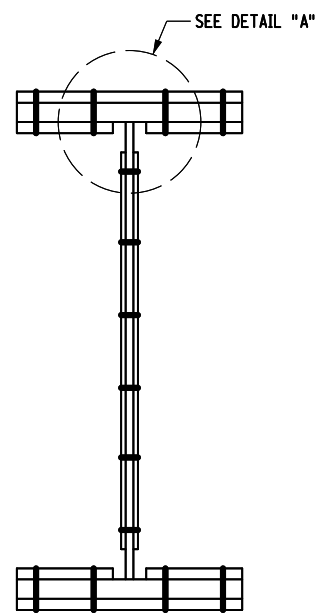
DATE:
09/16/2025

DRAWING NUMBER:
ST-27

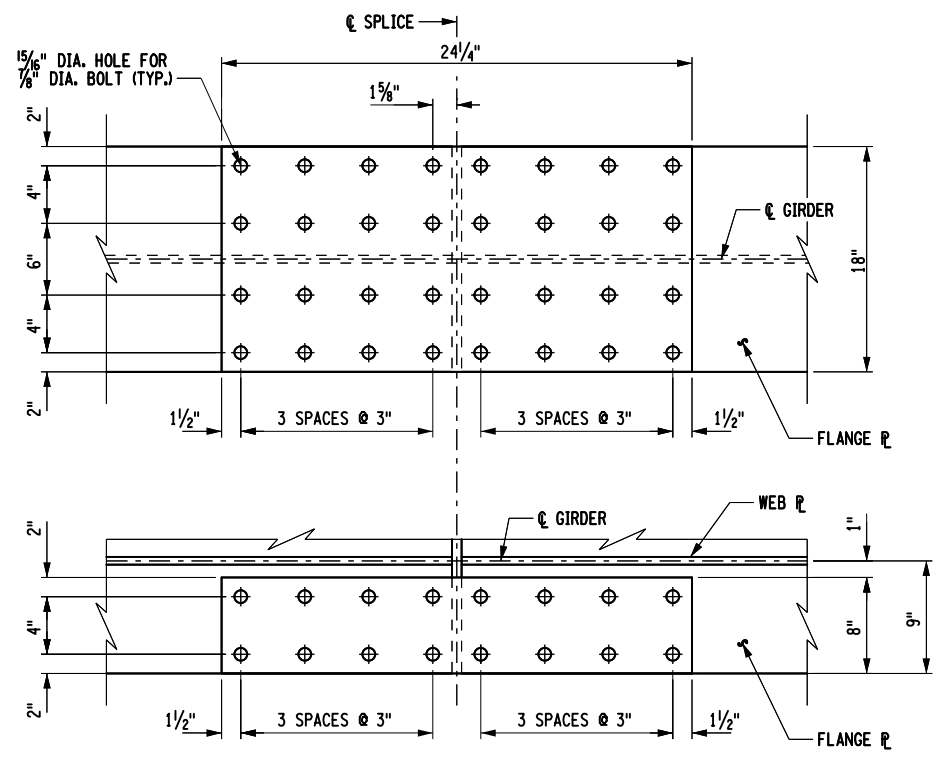
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DRAFTED BY: J. VALENSI
CHECKED BY: D. LIVERMORE
DESIGNED BY: B. WARTHLING
DESIGN SUPERVISOR: D. LIVERMORE



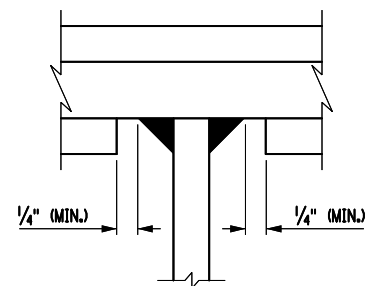
WEB SPLICE DETAIL



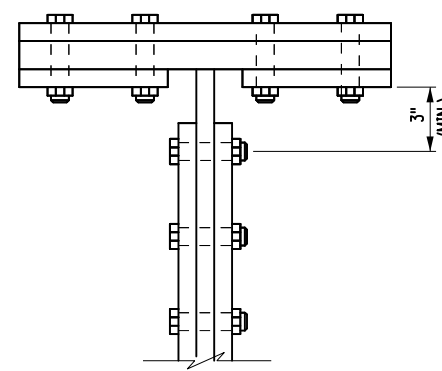
SECTION A-A



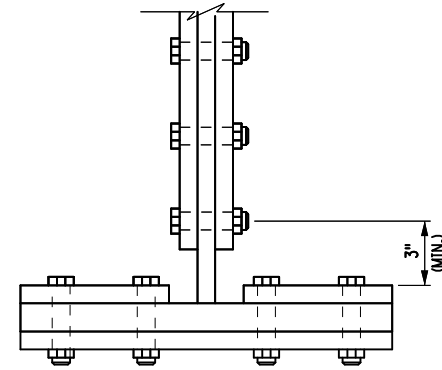
TOP FLANGE SPLICE DETAIL



DETAIL "A"

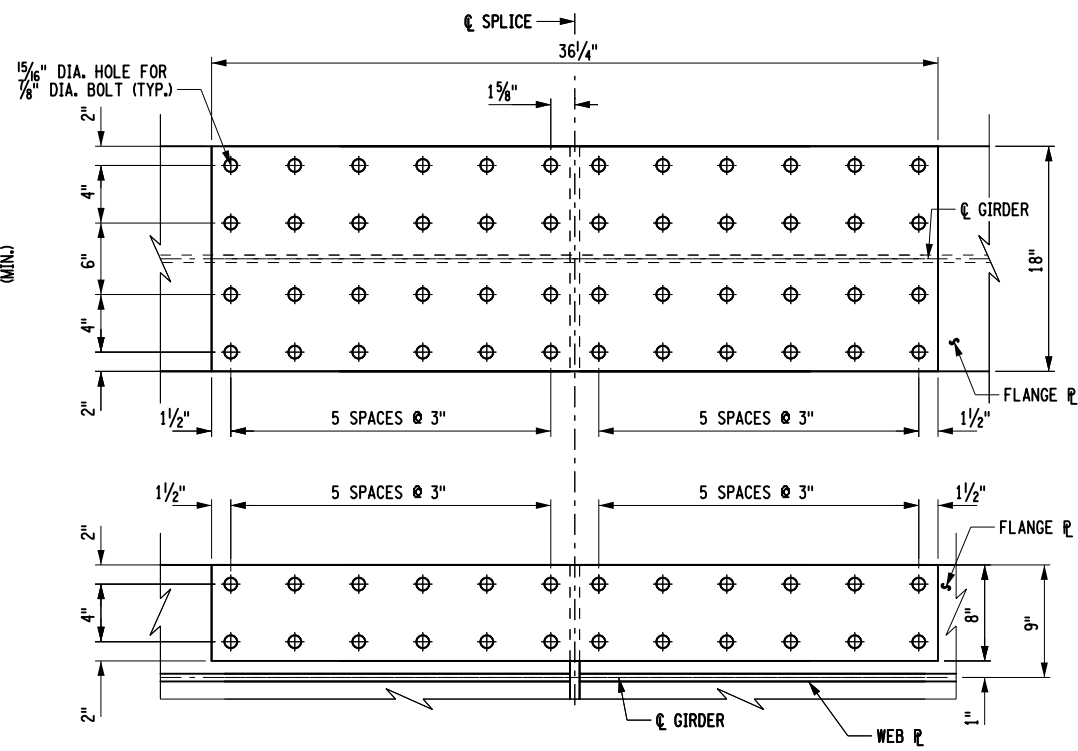


TOP FLANGE



BOTTOM FLANGE

7/8" DIAMETER BOLT ENTERING
AND TIGHTENING CLEARANCES



BOTTOM FLANGE SPLICE DETAIL

- NOTES**
1. FOR THE FOLLOWING SEE:
A. SPLICE LOCATIONS
 2. ALL COSTS FOR BOLTS, NUTS, AND WASHERS SHALL BE INCLUDED IN THE PRICE BID FOR STRUCTURAL STEEL.
 3. SPLICE DESIGNS ARE BASED ON THE LOCATIONS INDICATED. THE CONTRACTOR HAS THE OPTION OF USING ALTERNATE SPLICE LOCATIONS. HOWEVER, RELOCATION REQUESTS MUST BE SUBMITTED TO THE D.C.E.S. FOR APPROVAL. FIELD SPLICE REVISIONS DUE TO SPLICE RELOCATION SHALL BE SEALED BY A LICENSED PROFESSIONAL ENGINEER. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR RELOCATING THE SPLICE. FABRICATION SHALL CONFORM TO THE CURRENT NEW YORK STATE STEEL CONSTRUCTION MANUAL.
 4. ALL SPLICE PLATES SHALL CONSIST OF THE SAME GRADE OF STEEL AS THE MEMBER(S) BEING SPLICED AND THEIR COST INCLUDED IN THE PRICE BID FOR THE STRUCTURAL STEEL.
 5. SUBJECT TO D.C.E.S. APPROVAL, THE CONTRACTOR CAN PROPOSE THE USE OF A WELDED SPLICE. HOWEVER, ALL COSTS ASSOCIATED WITH THIS CHANGE WILL BE AT THE CONTRACTOR'S EXPENSE. ADDITIONALLY, A DETAILED WELDING PROCEDURE, AS PER NYS STEEL CONSTRUCTION MANUAL 203.5(B), OF THE NYS STEEL CONSTRUCTION MANUAL SHALL BE SUBMITTED TO THE D.C.E.S. FOR APPROVAL.
 6. BOLT LOCATIONS SHOWN MAY HAVE TO BE MOVED LATERALLY ON THEIR FLANGE TO MEET SEALING REQUIREMENTS AS DESCRIBED IN SECTION 203.14 OF THE NYS STEEL CONSTRUCTION MANUAL.
 7. ALL BOLTS SHALL BE 7/8" DIAMETER, UNLESS NOTED OTHERWISE. BOLTS SHALL BE ASTM F3125, GRADE A325, TYPE 1 (HOT DIPPED GALVANIZED).
 8. NUTS SHALL BE A563, GRADE DH (HOT DIPPED GALVANIZED); OR A194, GRADE 2H (HOT DIP GALVANIZED).
 9. WASHERS SHALL BE F436, (HOT DIPPED GALVANIZED).

	TOP FLANGE SPLICE	BOTTOM FLANGE SPLICE	WEB SPLICE
SPLICE	1 - 18"x3/4"x24 1/4" PL 2 - 8"x1/8"x24 1/4" PL	1 - 18"x3/4"x36 1/4" PL 2 - 8"x1/8"x36 1/4" PL	2 - 20 1/4"x1/2"x31 1/8" PL
NO. OF BOLTS	16 EACH SIDE	24 EACH SIDE	18 EACH SIDE

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09/16/2025

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

**Thruway
Authority**

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
GIRDER DETAILS
(SHEET 5 OF 5)

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
ST-28

CHECKED BY: B. WARTHLING

DRAFTED BY: J. VALENSI

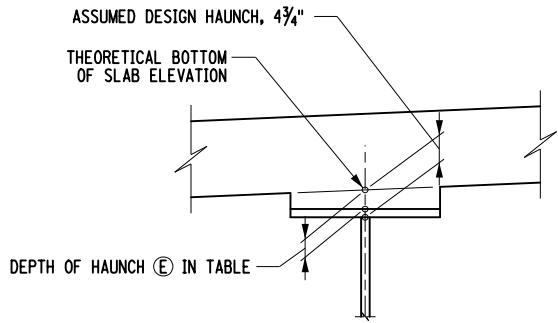
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHLING

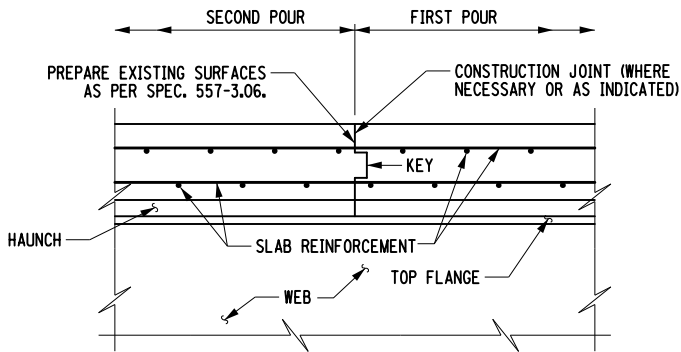
DESIGN SUPERVISOR: D. LIVERMORE

HAUNCH TABLE		CL OF BRGS. BEG. ABUT.	0.1 L1	0.2 L1	0.3 L1	0.4 L1	0.5 L1	0.6 L1	0.7 L1	0.8 L1	0.9 L1	CL OF BRGS. PIER	0.1 L2	0.2 L2	0.3 L2	0.4 L2	0.5 L2	0.6 L2	0.7 L2	0.8 L2	0.9 L2	CL OF BRGS. END ABUT.
G1	A REQ'D BOTTOM OF SLAB ELEVATION	455.90	455.97	456.04	456.10	456.15	456.19	456.22	456.25	456.27	456.28	456.28	456.27	456.26	456.23	456.20	456.16	456.12	456.06	456.00	455.93	455.85
	B TOP OF STEEL EL. (FIELD MEASURE)																					
	C = A - B																					
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.08	0.14	0.18	0.19	0.18	0.15	0.10	0.05	0.02	0.00	0.02	0.05	0.10	0.15	0.18	0.19	0.18	0.14	0.08	0.00
	E DEPTH OF HAUNCH REQ'D = C = D (ft.)																					
G2	A REQ'D BOTTOM OF SLAB ELEVATION	456.07	456.15	456.22	456.28	456.33	456.37	456.41	456.44	456.45	456.47	456.47	456.46	456.45	456.43	456.40	456.36	456.32	456.26	456.20	456.13	456.05
	B TOP OF STEEL EL. (FIELD MEASURE)																					
	C = A - B																					
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.08	0.15	0.19	0.21	0.20	0.16	0.11	0.06	0.02	0.00	0.02	0.06	0.11	0.16	0.20	0.21	0.19	0.15	0.08	0.00
	E DEPTH OF HAUNCH REQ'D = C = D (ft.)																					
G3	A REQ'D BOTTOM OF SLAB ELEVATION	456.25	456.33	456.40	456.46	456.51	456.56	456.59	456.62	456.64	456.65	456.66	456.65	456.64	456.62	456.59	456.56	456.51	456.46	456.40	456.33	456.25
	B TOP OF STEEL EL. (FIELD MEASURE)																					
	C = A - B																					
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.08	0.15	0.19	0.21	0.20	0.16	0.11	0.06	0.02	0.00	0.02	0.06	0.11	0.16	0.20	0.21	0.19	0.15	0.08	0.00
	E DEPTH OF HAUNCH REQ'D = C = D (ft.)																					
G4	A REQ'D BOTTOM OF SLAB ELEVATION	456.05	456.13	456.20	456.26	456.31	456.36	456.40	456.43	456.45	456.46	456.47	456.47	456.45	456.44	456.41	456.37	456.33	456.28	456.22	456.15	456.06
	B TOP OF STEEL EL. (FIELD MEASURE)																					
	C = A - B																					
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.08	0.15	0.19	0.21	0.20	0.16	0.11	0.06	0.02	0.00	0.02	0.06	0.11	0.16	0.20	0.21	0.19	0.15	0.08	0.00
	E DEPTH OF HAUNCH REQ'D = C = D (ft.)																					
G5	A REQ'D BOTTOM OF SLAB ELEVATION	455.84	455.92	456.00	456.06	456.12	456.16	456.20	456.23	456.26	456.27	456.28	456.28	456.27	456.25	456.22	456.19	456.15	456.10	456.04	455.98	455.90
	B TOP OF STEEL EL. (FIELD MEASURE)																					
	C = A - B																					
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.08	0.14	0.18	0.19	0.18	0.15	0.10	0.05	0.02	0.00	0.02	0.05	0.10	0.15	0.18	0.19	0.18	0.14	0.08	0.00
	E DEPTH OF HAUNCH REQ'D = C = D (ft.)																					

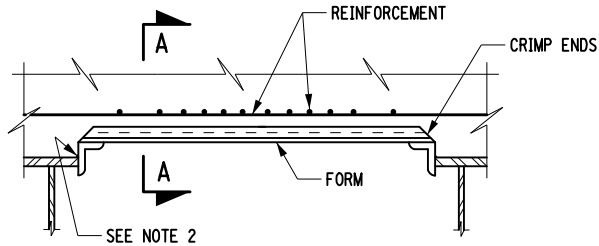
NOTE:
THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE COMPLETED HAUNCH TABLE PRIOR TO SETTING THE BOTTOM FORMWORK OF THE DECK.



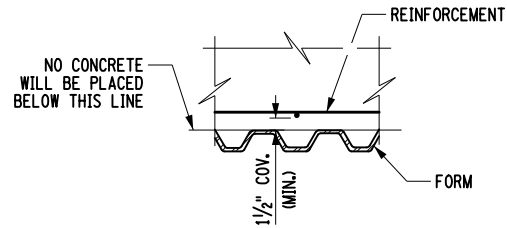
GIRDER HAUNCH DETAIL



TRANSVERSE CONSTRUCTION JOINT IN SLAB



PERMANENT CORRUGATED METAL FORM DETAIL



SECTION A-A

- FORM UNIT NOTES
1. THE COST OF THE FORMING SYSTEMS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SUPERSTRUCTURE SLAB CONCRETE ITEM.
 2. THERE SHALL BE NO WELDING TO GALVANIZED OR METALIZED GIRDER SURFACES FOR THE ATTACHMENT OF FORMING DEVICES.
 3. THE SUPPORT ANGLES AND/OR ZEES SHALL BE GALVANIZED IN ACCORDANCE WITH MATERIAL SPECIFICATION 719-01.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

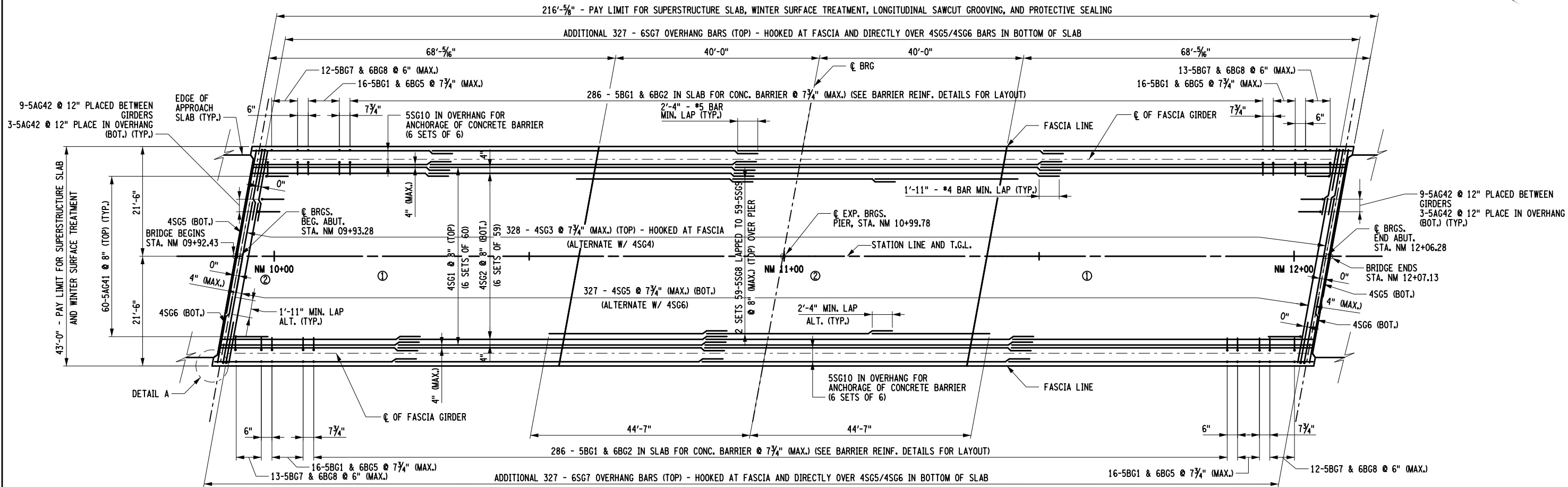


Thruway
Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
HAUNCH TABLE

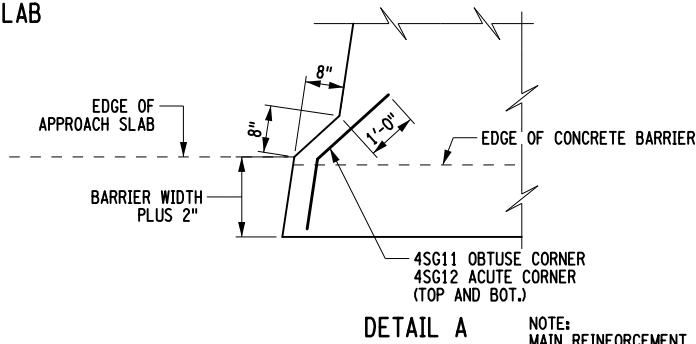
CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-29



SUPERSTRUCTURE SLAB

SUPERSTRUCTURE SLAB TABLE			
POUR	SUPERSTRUCTURE SLAB (SY) ITEM 557.1119 AND TREATMENT (SY) ITEM 557.29	LONGITUDINAL SAWCUT GROOVING (SY) ITEM 558.02	PROTECTIVE SEALING OF NEW DECKS (SF) ITEM 559.01
1	644	599	5,388
2	382	356	3,200

**FOR TRANSVERSE LIMITS OF LONGITUDINAL SAWCUT GROOVING AND PROTECTIVE SEALING ITEMS,
REFER TO THE TRANSVERSE SECTION DRAWING.



- NOTES
1. FOR THE FOLLOWING SEE:

A. TRANSVERSE SECTION

B. BARRIER REINFORCEMENT DETAILS

C. CORRUGATED METAL FORM DETAIL

DWG. NO.
ST-22
ST-33
ST-29
2. COVER ABOVE TOP LONGITUDINAL BAR IS 3". COVER BELOW BOTTOM
TRANSVERSE BAR IS 1 1/2". ALL OTHER REINFORCEMENT SHALL
HAVE 2" COVER UNLESS OTHERWISE NOTED.
3. TOP AND BOTTOM REINFORCING MATS SHALL BE STAGGERED IN BOTH
DIRECTIONS SO THAT BARS ARE NOT DIRECTLY OVER EACHOTHER.
- LEGEND
- ⊙ INDICATES CONCRETE PLACEMENT NUMBER

DECK PLACEMENT NOTES

1. CONCRETE PLACEMENT AND FINISHING OPERATIONS SHALL BE PERFORMED
AS RAPIDLY AS POSSIBLE. THE ENGINEER MAY DIRECT THE CONTRACTOR TO
STOP PLACEMENT OPERATIONS AT ANY TIME IF, IN THE ENGINEER'S OPINION,
CONCRETE PLACED DURING THE PLACEMENT HAS STARTED TO SET, OR IS
ABOUT TO SET, AND FURTHER PLACEMENT OF CONCRETE WILL CAUSE
DEFLECTION CRACKING.
2. LONGITUDINAL CONSTRUCTION JOINTS NOT SHOWN IN THE PLANS ARE NOT
PERMITTED.
3. THE CONTRACTOR SHALL OPERATE FINISHING MACHINE(S) AS CLOSE TO
THE SKEW ANGLE AS PRACTICABLE.
4. THE CONTRACTOR SHALL PLACE WET BURLAP CURING BLANKETS ON THE
CONCRETE DECK WITHIN 30 MINUTES OF THE CONCRETE BEING DEPOSITED
INTO THE FORMS OR 5 MINUTES AFTER FINISHING, WHICHEVER COMES FIRST.
THE PLACEMENT OF THE TURF DRAG TEXTURE SHALL NOT INTERFERE WITH
THESE REQUIREMENTS.
5. IF THE CONTRACTOR'S DECK PLACEMENT OPERATION IS STOPPED PRIOR TO
COMPLETION, WHETHER BY THE CONTRACTOR'S DECISION OR BY DIRECTION OF
THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A FINISHED DECK GRADE
WHICH MATCHES THE PLANNED PROFILE. ANY SUBSEQUENT REVISIONS TO DECK
FORMS MADE NECESSARY BY SUCH ACTION SHALL BE AT NO COST TO THE AUTHORITY.
6. THERE WILL BE NO EXCEPTIONS MADE TO THE POURING SEQUENCE SHOWN
IN THE CONTRACT PLANS.
7. CONSTRUCTION JOINTS SHALL BE PLACED PARALLEL TO THE SKEW ANGLE.
DECK CONCRETE SHALL BE PLACED SO THAT THE LEADING EDGE IS PARALLEL
TO THE SKEW. FINISHING MACHINE(S) SHALL BE OPERATED AS CLOSE TO THE
SKEW ANGLE AS PRACTICABLE. TEXTURING MAY BE DONE LONGITUDINAL,
TRANSVERSE OR PARALLEL TO THE ALIGNMENT OF THE FINISHING MACHINE.
8. ALL AREAS SHOWN ON THE PLANS AS "PLACEMENT 1" SHALL BE
PLACED DURING THE INITIAL CONTINUOUS WORK PERIOD. SUBSEQUENT
PLACEMENTS WILL NOT BE PERMITTED UNTIL 72 HOURS OF ACCEPTABLE CURING
AFTER THE COMPLETION OF THE PREVIOUS PLACEMENT HAS BEEN ACHIEVED.

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AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE,
THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE
ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.

NEW YORK STATE

Thruway Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

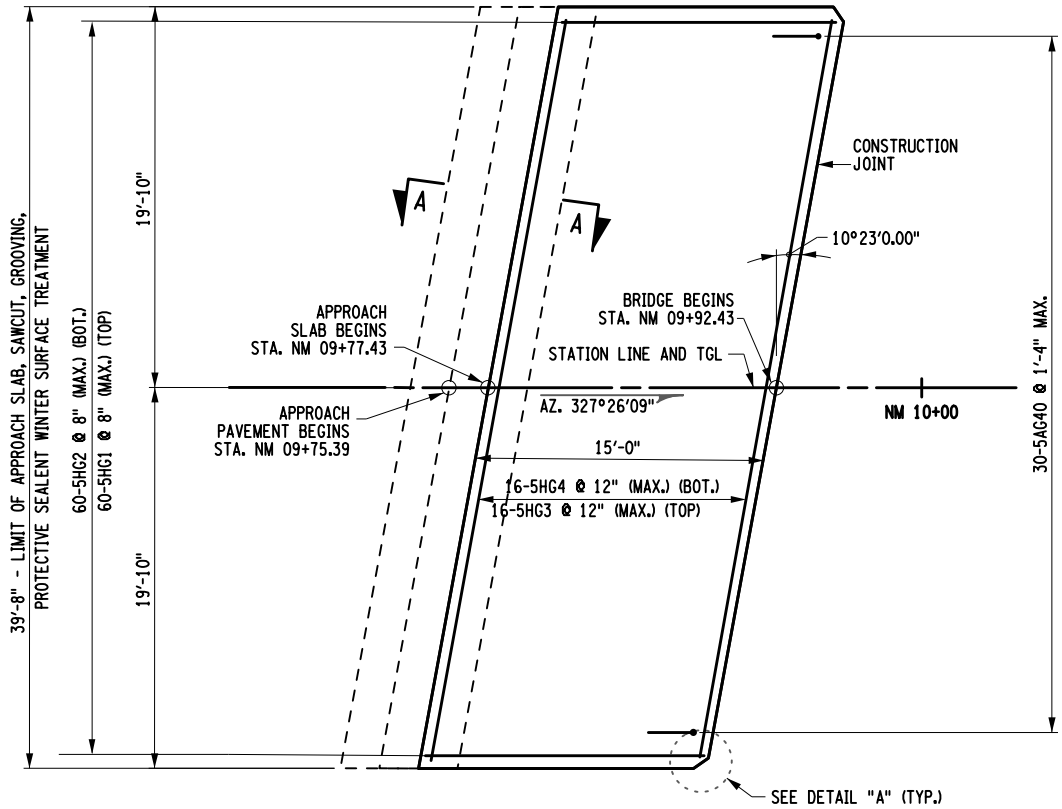
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
SUPERSTRUCTURE SLAB

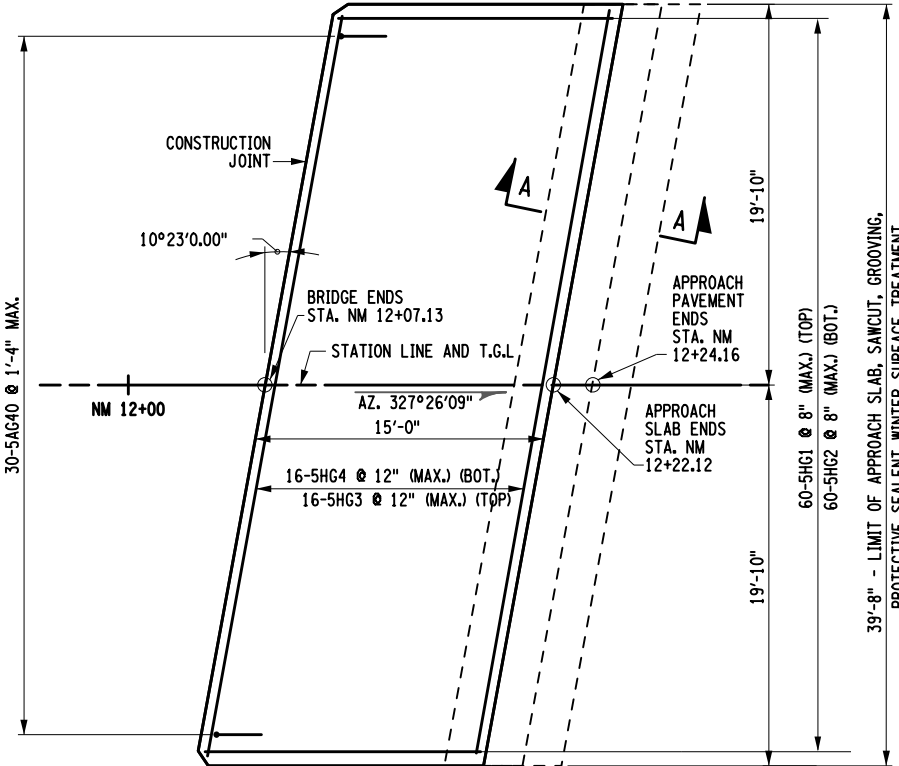
CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

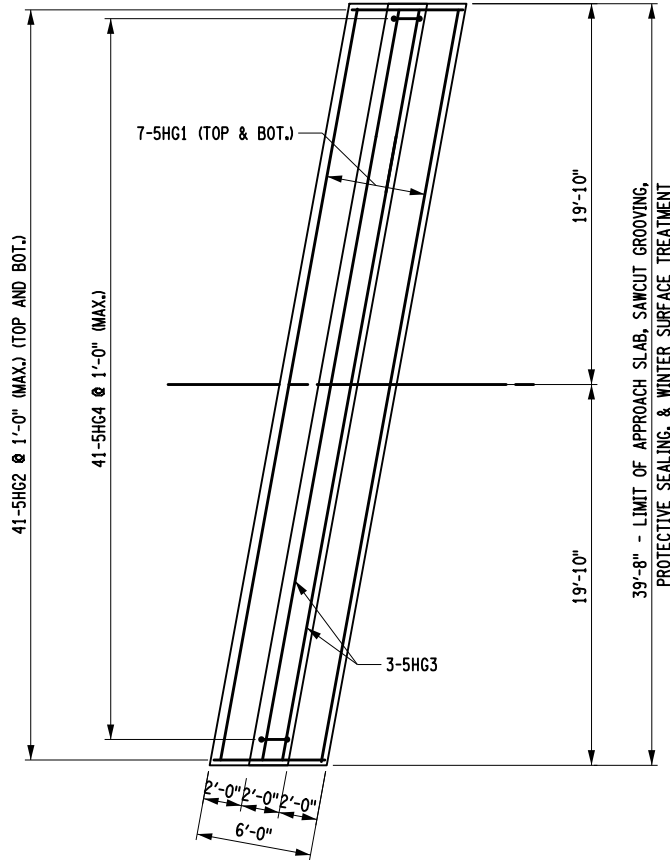
DRAWING NUMBER:
ST-30



BEGIN APPROACH SLAB PLAN



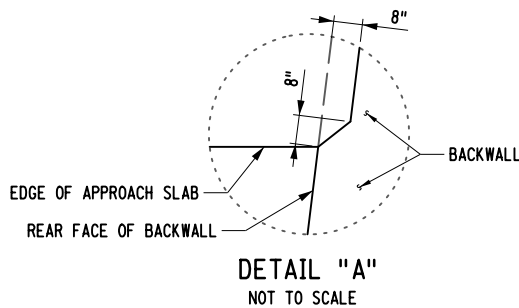
END APPROACH SLAB PLAN



END SLEEPER SLAB PLAN
(BEGIN SLEEPER SLAB SIMILAR)

NOTES

1. ALL REINFORCEMENT SHALL HAVE 3" COVER UNLESS OTHERWISE NOTED.



APPROACH SLAB TABLE			
LOCATION	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE - TYPE 9 FRICTION, ITEM 557.1019 & WINTER SURFACE TREATMENT, ITEM 557.29 (SY)	LONGITUDINAL SAWCUT GROOVING (SY) ITEM 558.02	PROTECTIVE SEALER (SF) ITEM 559.01
BEGIN SLEEPER SLAB	26.9	9.0	81
BEGIN APPROACH SLAB	66.1	66.1	595
END APPROACH SLAB	66.1	66.1	595
END SLEEPER SLAB	26.9	9.0	81

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



Thruway
Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
APPROACH SLABS
(SHEET 1 OF 2)

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-31

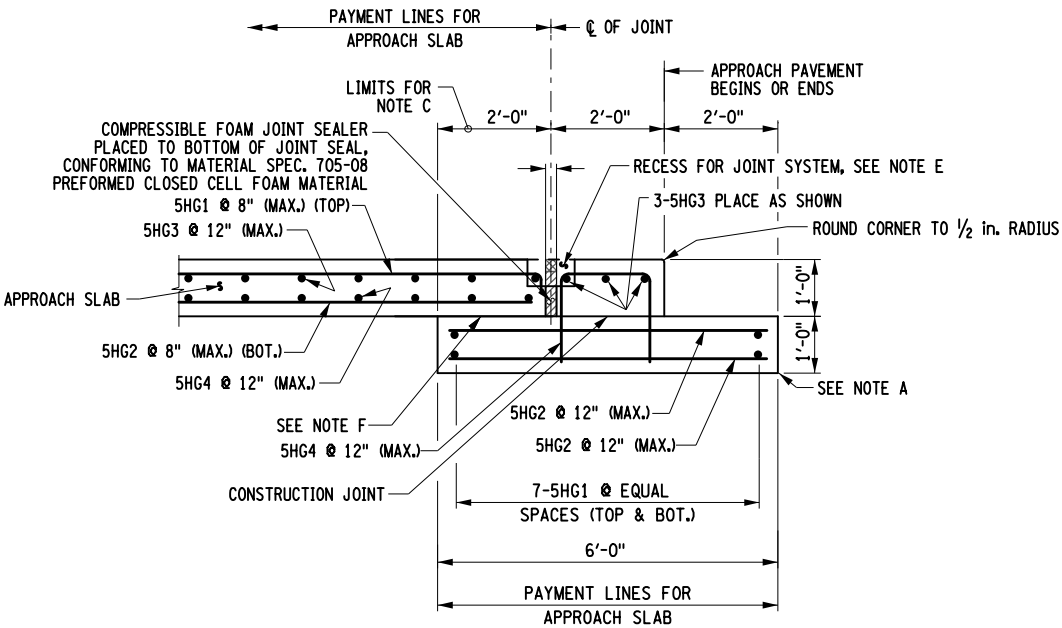
CHECKED BY: B. WARTHLING

DRAFTED BY: J. VALENSI

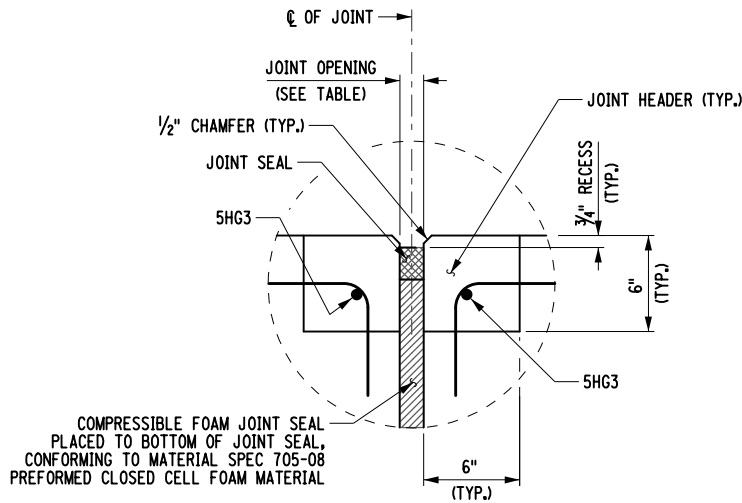
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DESIGNED BY: B. WARTHLING

DESIGN SUPERVISOR: D. LIVERMORE



SECTION A-A



ARMORLESS BRIDGE JOINT SECTION

EXPANSION JOINT OPENING TABLE	
SUPERSTRUCTURE TEMPERATURE (°F)	JOINT OPENING (IN.)
30	2 3/8
35	2 3/8
40	2 3/8
45	2 1/4
50	2 1/4
55	2 1/8
60	2 1/8
65	2
70	2
75	1 7/8
80	1 7/8
85	1 3/4
90	1 3/4
95	1 5/8
100	1 5/8
105	1 5/8
110	1 1/2

NOTES:
MIN. OPENING (IN.) = 1.5
MAX. OPENING / REQ. MIN. SEAL WIDTH (IN.) = 3
TOTAL MOVEMENT (IN.) = 1.5

- NOTES
- THE "JOINT OPENING" SHALL BE DETERMINED AT THE TIME OF PLACEMENT, USING THE TABLE PROVIDED ON THIS DRAWING.
 - THE CONTRACTOR SHALL SUPPLY A JOINT SEAL WITH AN UNCOMPRESSED WIDTH EQUAL TO OR GREATER THAN THE DIMENSION NOTED AS "MIN. SEAL WIDTH" IN THE TABLE ABOVE. THE SEAL SUPPLIED SHALL NOT EXCEED THE MANUFACTURES COMPRESSION LIMITS AT THE "MINIMUM OPENING" NOTED IN THE TABLE.
 - THE SUPERSTRUCTURE TEMPERATURE USED TO DETERMINE THE JOINT OPENING SHALL BE THE AVERAGE TEMPERATURE OF THE BOTTOM OF THE GIRDER TOP FLANGES. A MINIMUM OF TWO TEMPERATURE READINGS PER SPAN SHALL BE USED TO CALCULATE THE AVERAGE SUPERSTRUCTURE TEMPERATURE.
 - ALL REINFORCEMENT SHALL HAVE 3" COVER UNLESS OTHERWISE NOTED.
 - ALL HEADER REINFORCEMENT SHALL HAVE A 2" MINIMUM COVER.

- SLEEPER SLAB NOTES
- EXCAVATION FOR SLEEPER SLABS SHALL BE CAREFULLY MADE AFTER COMPACTED ABUTMENT EMBANKMENT IS IN PLACE. THE SLEEPER SLABS SHALL BE FOUNDED ON UNDISTURBED COMPACT MATERIAL OR RE-COMPACTED MATERIAL. NO LOOSE BACKFILL SHALL BE ALLOWED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE SLEEPER SLAB FROM TEMPORARY LOADINGS OR ANY CONDITION WHICH COULD CAUSE MOVEMENTS OR UNEVEN SETTLEMENT OF THE SLEEPER SLAB.
 - TO PERMIT UNHINDERED LONGITUDINAL MOVEMENT OF SLAB, THE SURFACE OF THE SUBBASE COURSE MUST BE ACCURATELY CONTROLLED TO FOLLOW AND BE PARALLEL TO THE ROADWAY GRADE AND CROSS SLOPE. POLYETHYLENE CURING COVERS (WHITE OPAQUE) IN ACCORDANCE WITH MATERIAL SPECIFICATION SUBSECTION 711-04 SHALL BE PLACED ON THE FINISHED SUBBASE COURSE THE FULL WIDTH OF THE APPROACH SLAB PRIOR TO PLACEMENT OF THE REINFORCEMENT. THE CURING COVERS SHALL BE .004 in. THICK, AND LAPS SHALL BE 2 ft. MINIMUM.
 - TOP OF SLEEPER SLABS SHALL BE STEEL TROWEL FINISHED AND COATED WITH A 0.04 in. NOMINAL THICKNESS OF PERFORMANCE GRADE ASPHALT AS INDICATED IN THE PROPOSAL, OR MATERIAL SPECIFICATION 702-3101. THE TOP OF SLEEPER SLABS SHALL FOLLOW THE CROSS SLOPE AND GRADE OF ROADWAY. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM.
 - TOP SURFACES OF STRUCTURAL SLABS, APPROACH SLABS AND EXPOSED TOP SURFACES OF SLEEPER SLABS SHALL BE GROOVED UNDER THE SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE ITEM.
 - PAYMENT FOR THE ELASTOMERIC CONCRETE HEADERS SHALL BE INCLUDED IN THE ITEM FOR THE JOINT SYSTEM. THE JOINT SYSTEM SHALL BE PAID FOR UNDER ITEM 567.60.
 - COMPRESSED SYNTHETIC SHEET GASKET (TREATED BOTH SIDES), MATERIAL SPECIFICATION 728-06, TWO 0.06 in. THICK SHEETS. PRICE WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
	TITLE OF DRAWING APPROACH SLABS (SHEET 2 OF 2)	DRAWING NUMBER: ST-32

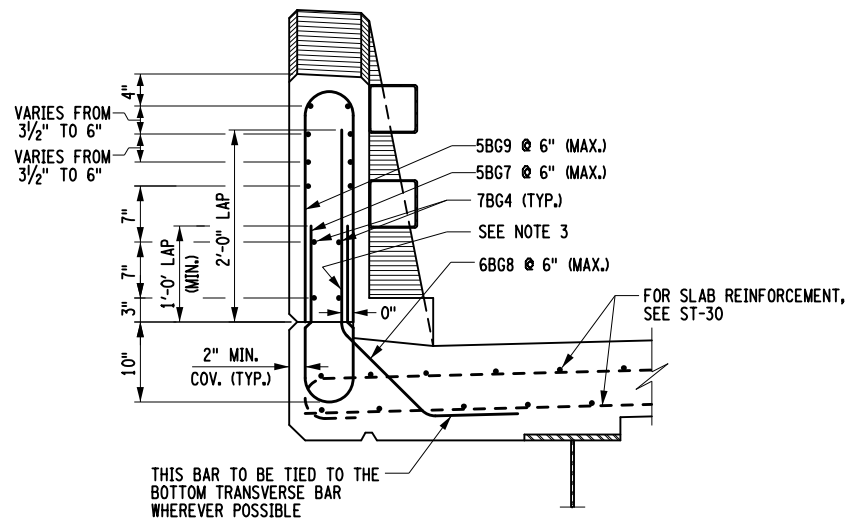
CHECKED BY: B. WARTHING

DRAFTED BY: J. VALENSI

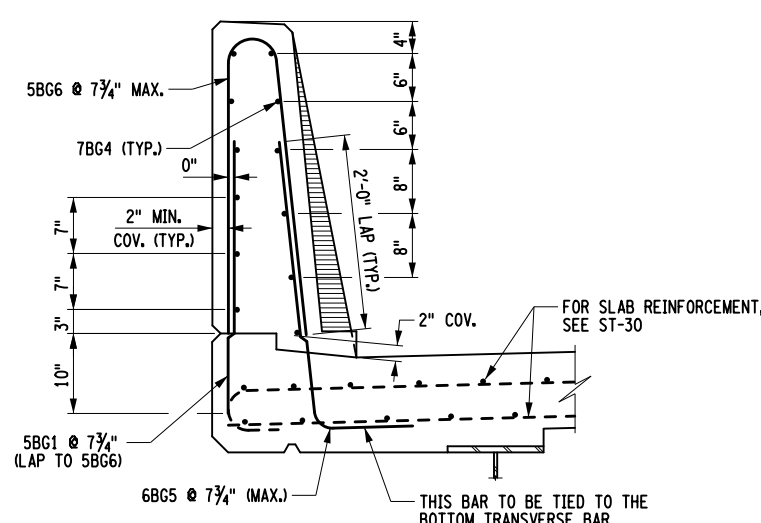
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHING

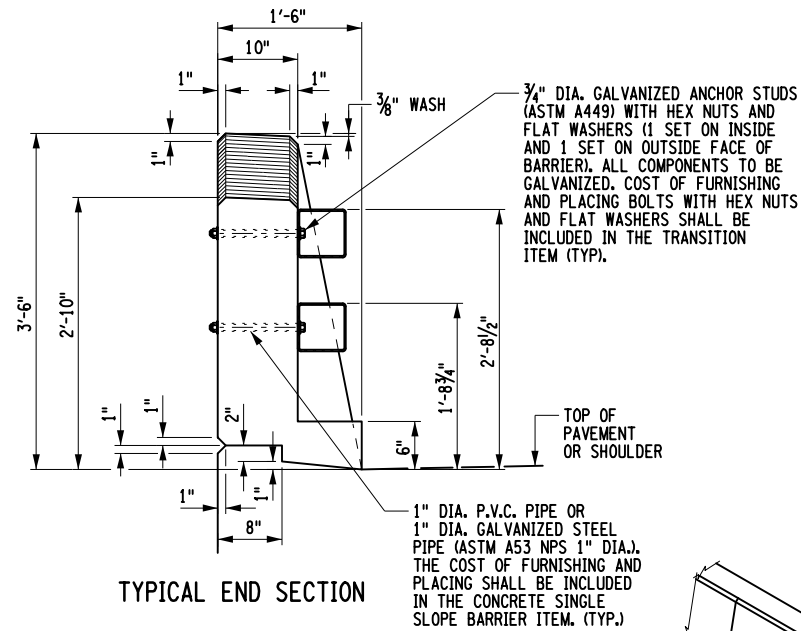
DESIGN SUPERVISOR: D. LIVERMORE



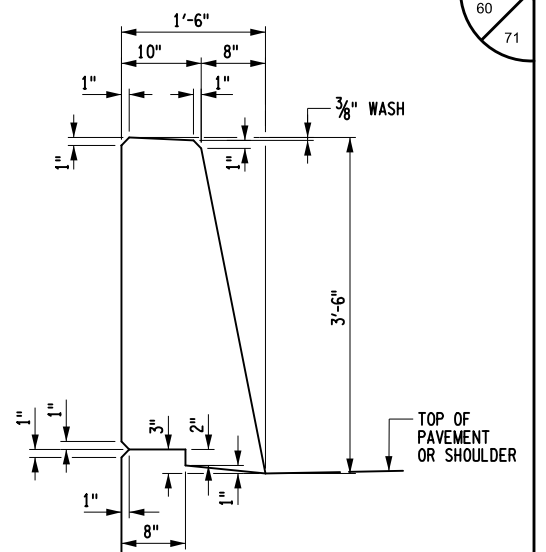
SECTION A-A



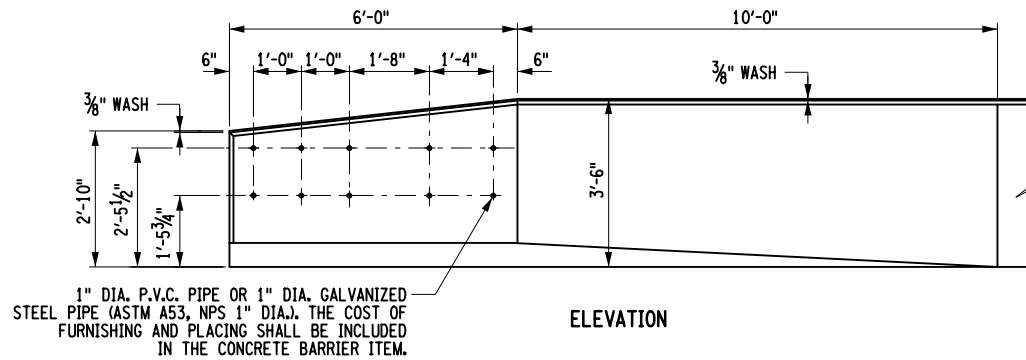
SECTION B-B



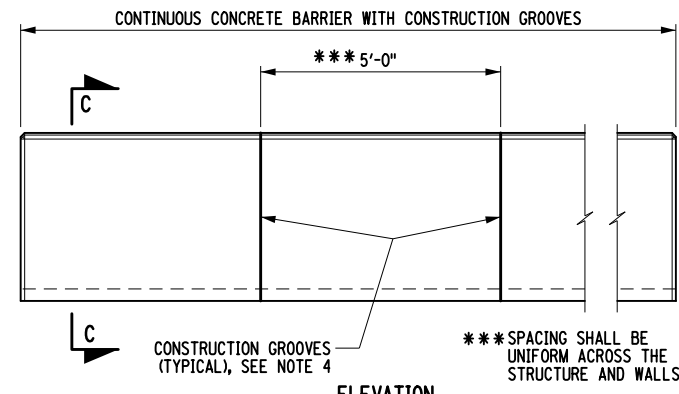
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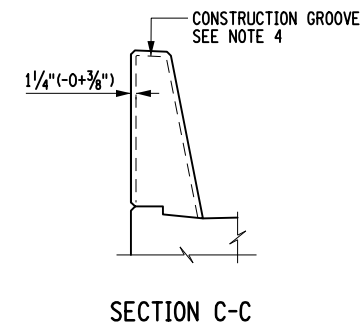
TYPICAL SECTION



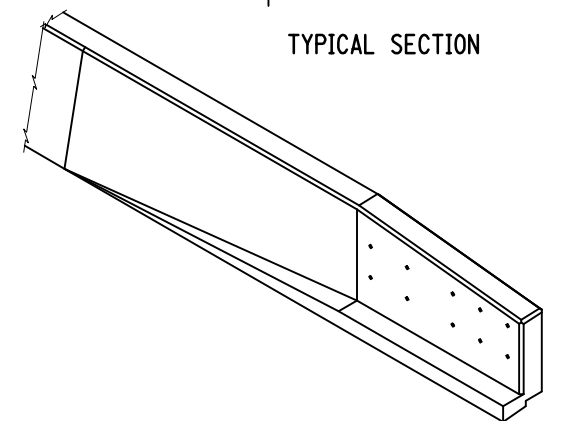
SINGLE SLOPE (HALF SECTION) CONCRETE BRIDGE BARRIER TRANSITION



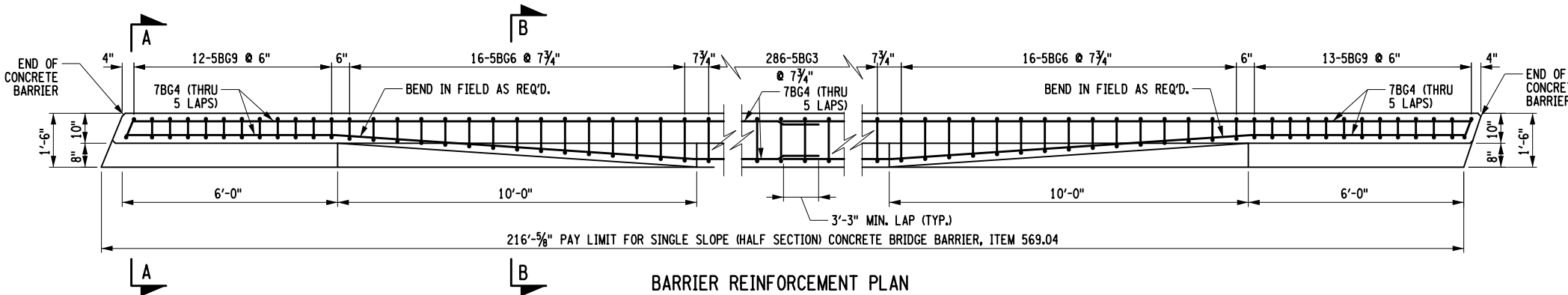
CONCRETE BARRIER GROOVE SPACING



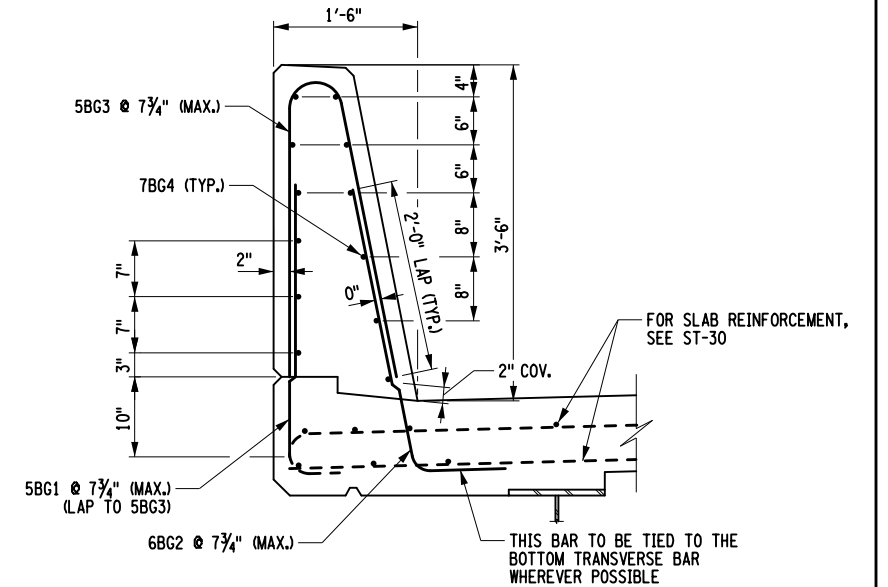
SECTION C-C



ISOMETRIC OF CONCRETE SINGLE SLOPE (HALF SECTION) CONCRETE BRIDGE BARRIER END SECTION



BARRIER REINFORCEMENT PLAN



REINFORCEMENT SECTION

NOTES

- FOR THE FOLLOWING SEE:
A. FASCIA DETAIL ST-22
B. SUPERSTRUCTURE SLAB DETAILS ST-30
- ALL COVER SHALL BE 2" UNLESS OTHERWISE NOTED.
- DECK CROSS SLOPES OTHER THAN NORMAL CROWN MAY REQUIRE THIS LEG TO BE BENT IN FIELD TO MAINTAIN A 2" MINIMUM COVER AT FRONT FACE OF BARRIER.

- CONSTRUCTION GROOVES SHALL BE MADE BY:
A. FORMING FOR CAST-IN-PLACE CONSTRUCTED FORMS.
B. SAWING THE SET CONCRETE WITHIN 8 HOURS OF PLACEMENT FOR CAST-IN-PLACE SLIP FORMED.
C. CUTTING THE PLASTIC CONCRETE.
COMBINATION OF THESE METHODS MAY BE EMPLOYED.
THE DEPTH OF THE GROOVES SHALL BE 1/4" (-0+3/8").
FORMED GROOVES SHALL MAKE A 60° ANGLE WITH THE SURFACE.
CUT GROOVES SHALL BE FINISHED WITH SHALLOW (3/4" ± 1/4") CONSTANT DEPTH 45° CHAMFERS AT THE SURFACE.
THE LONGITUDINAL REINFORCING BARS FOR THE CONCRETE BARRIERS SHALL BE CONTINUOUS BETWEEN BRIDGE EXPANSION JOINTS. WHERE SPLICES ARE REQUIRED, THE LENGTH OF THE LAP SHALL BE SUFFICIENT TO DEVELOP EACH BAR.

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DATE	DESCRIPTION	BY	SYM.

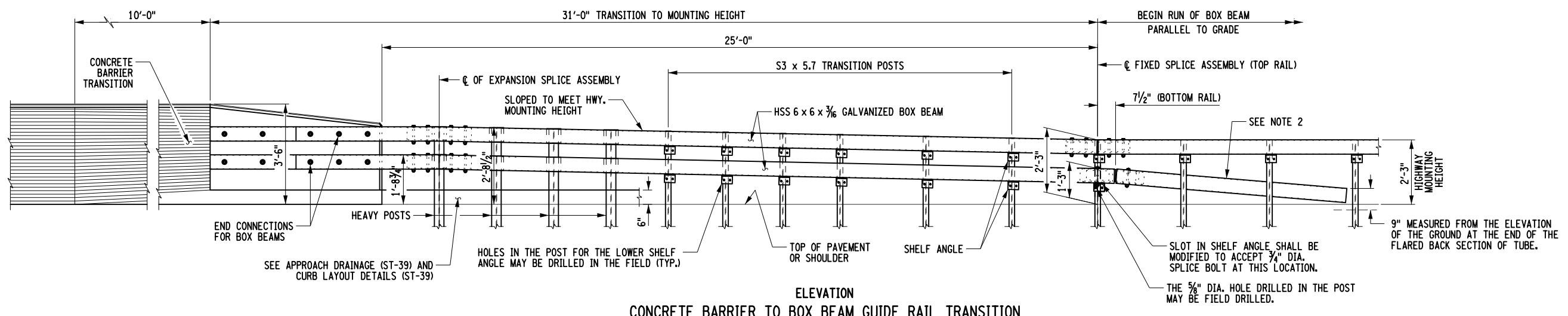
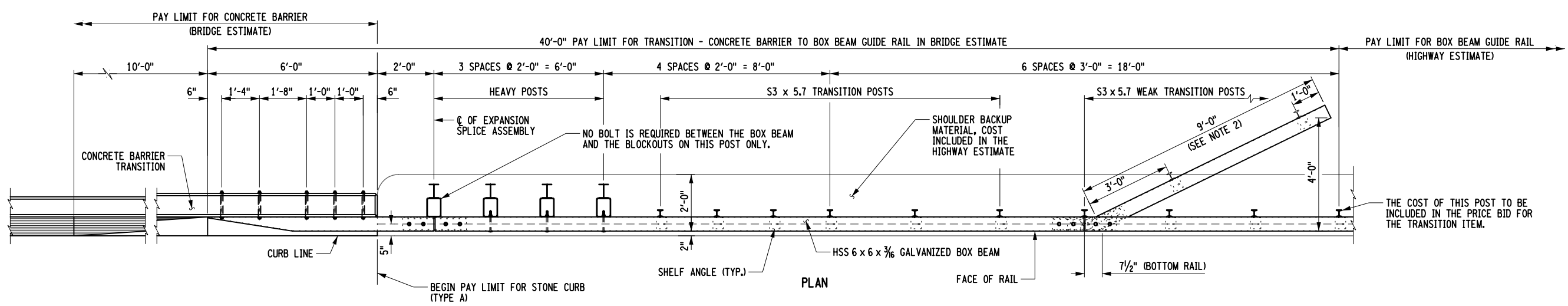


Thruway Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
BARRIER DETAILS
(SHEET 1 OF 6)

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-33

CHECKED BY: B. WARTHUNG
DRAFTED BY: J. VALENSI
CHECKED BY: D. LIVERMORE
DESIGNED BY: B. WARTHUNG
DESIGN SUPERVISOR: D. LIVERMORE



- NOTES**
1. FOR THE FOLLOWING SEE:
A. APPROACH DRAINAGE AND CURB LAYOUT DETAILS ST-39
 2. THE COST OF THE POSTS, SPLICE TUBE AND RAIL FOR THE TURNBACK IS INCLUDED IN THE PRICE BID FOR THE TRANSITION ITEM.
 3. ANY MODIFICATIONS MADE IN THE FIELD THAT DAMAGES GALVANIZATION SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION 719-01 OF THE NYS STANDARD SPECIFICATIONS.

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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL



TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING BARRIER DETAILS (SHEET 2 OF 6)	DRAWING NUMBER: ST-34

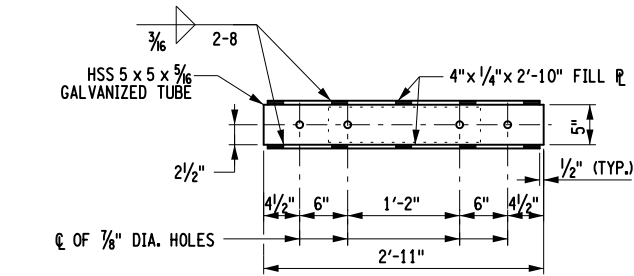
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DRAFTED BY: J. VALENSI

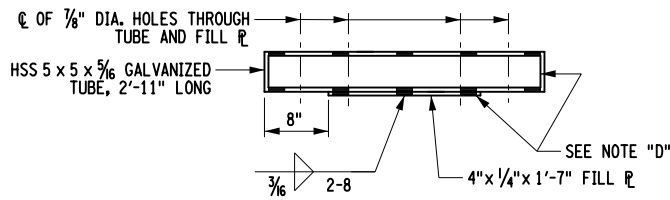
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHLING

DESIGN SUPERVISOR: D. LIVERMORE

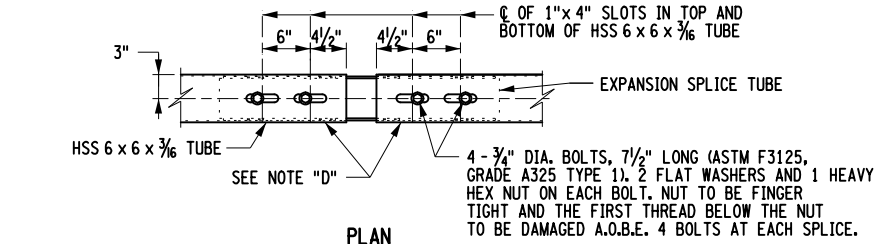


PLAN

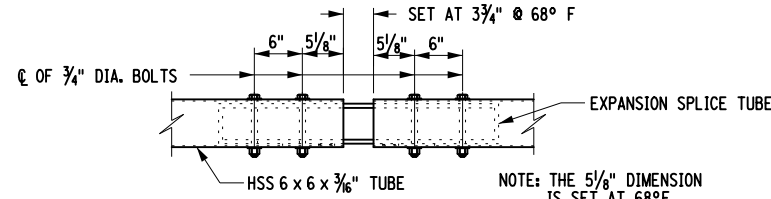


ELEVATION

EXPANSION SPLICE TUBE

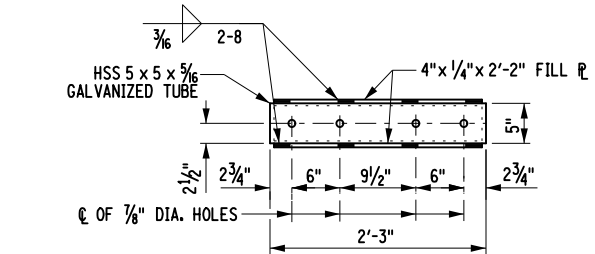


PLAN

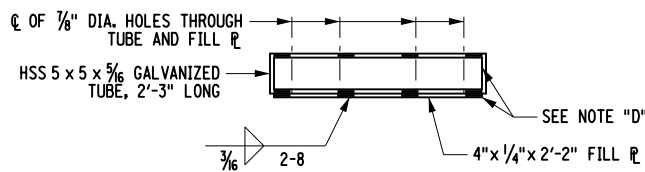


ELEVATION

EXPANSION SPLICE ASSEMBLY

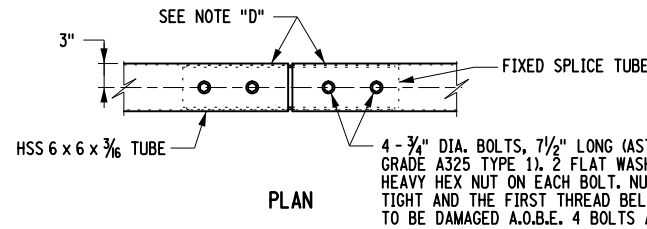


PLAN

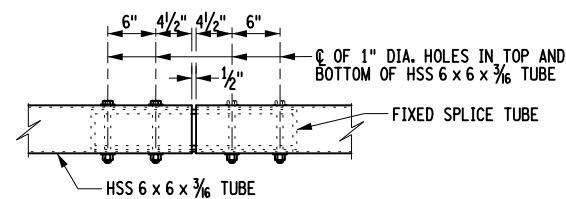


ELEVATION

FIXED SPLICE TUBE



PLAN



ELEVATION

FIXED SPLICE ASSEMBLY

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

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

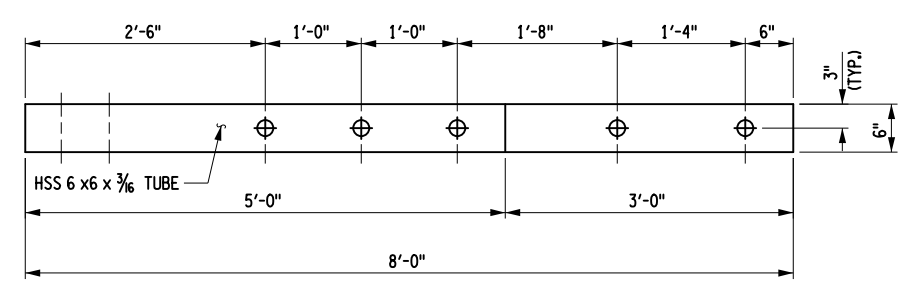
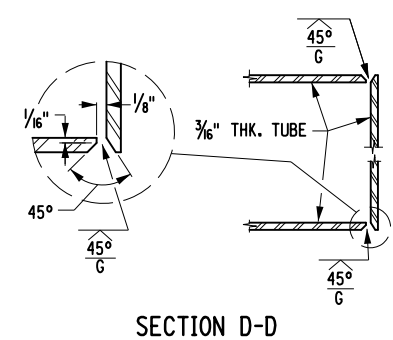
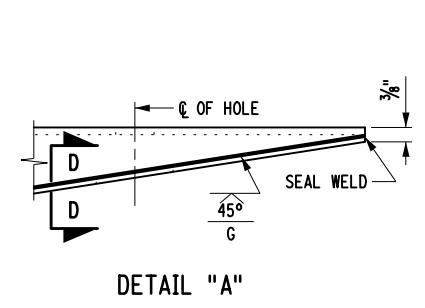
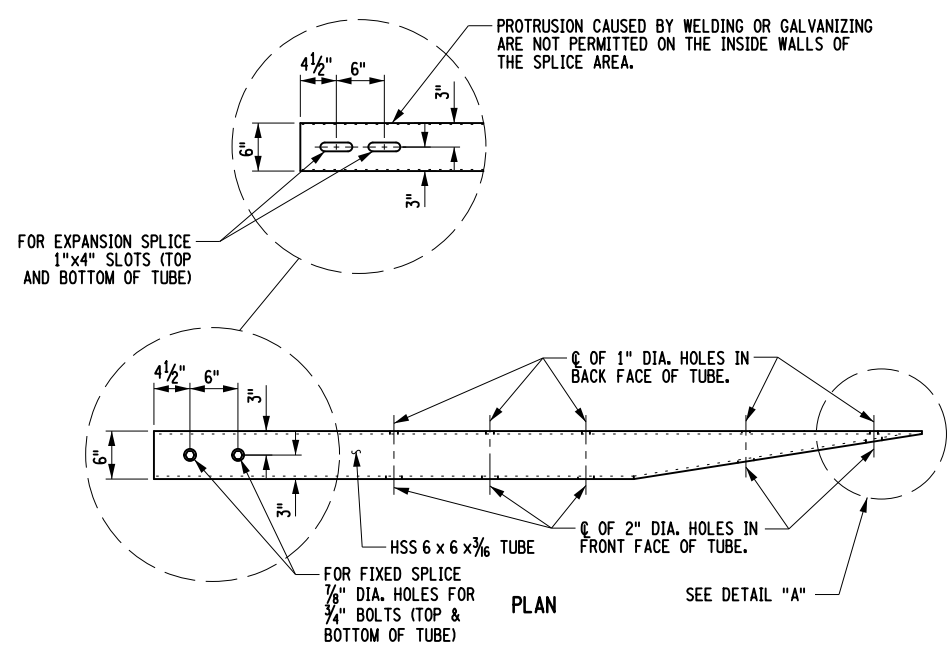
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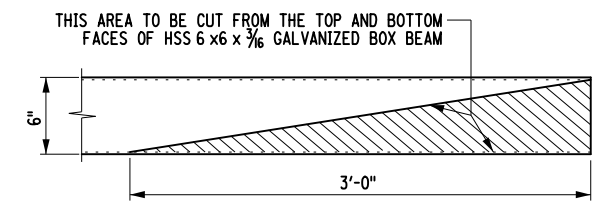
Thruway Authority

TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING BARRIER DETAILS (SHEET 3 OF 6)	DRAWING NUMBER: ST-35

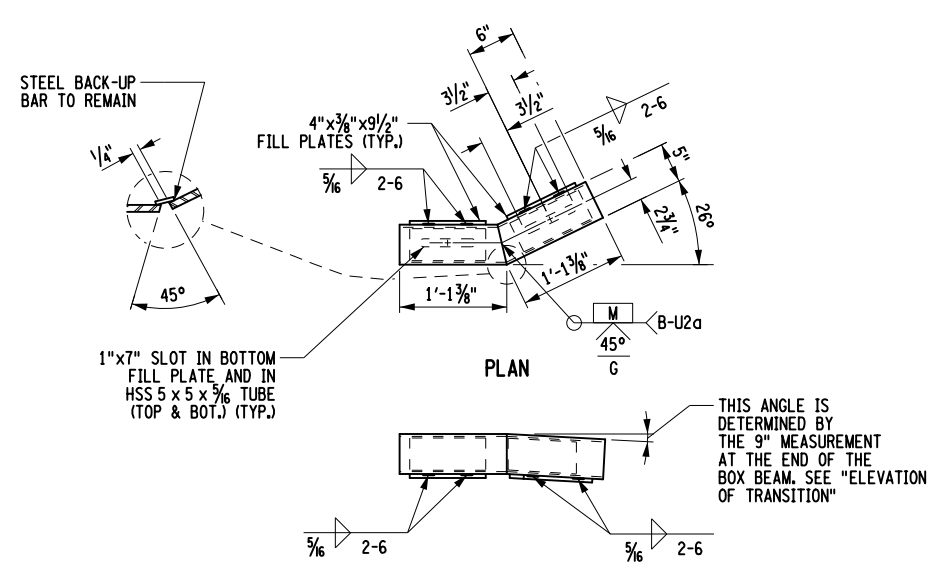
CHECKED BY: B. WARTHLING
DRAFTED BY: J. VALENSI
CHECKED BY: D. LIVERMORE
DESIGNED BY: B. WARTHLING
DESIGN SUPERVISOR: D. LIVERMORE



ELEVATION
END CONNECTION FOR BOX BEAM GUIDE RAIL

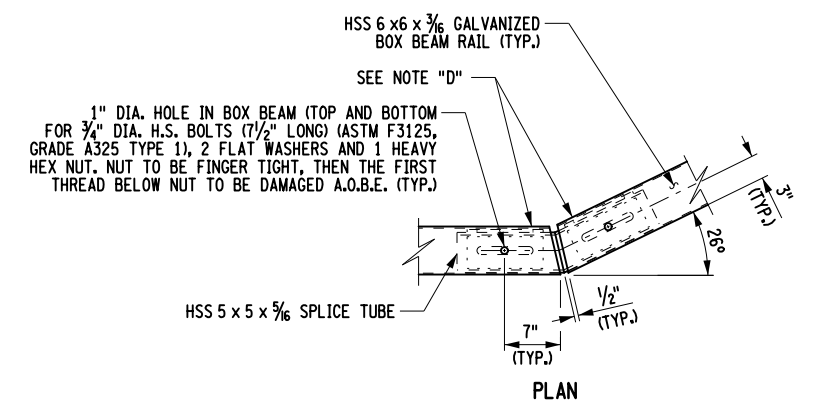


CUT DETAIL - END CONNECTION



PLAN
ELEVATION
SPLICE TUBE DETAILS FOR TURNBACK

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



PLAN
SPLICE DETAIL AT TURNBACK
IN LOWER TRANSITION GUIDE RAIL

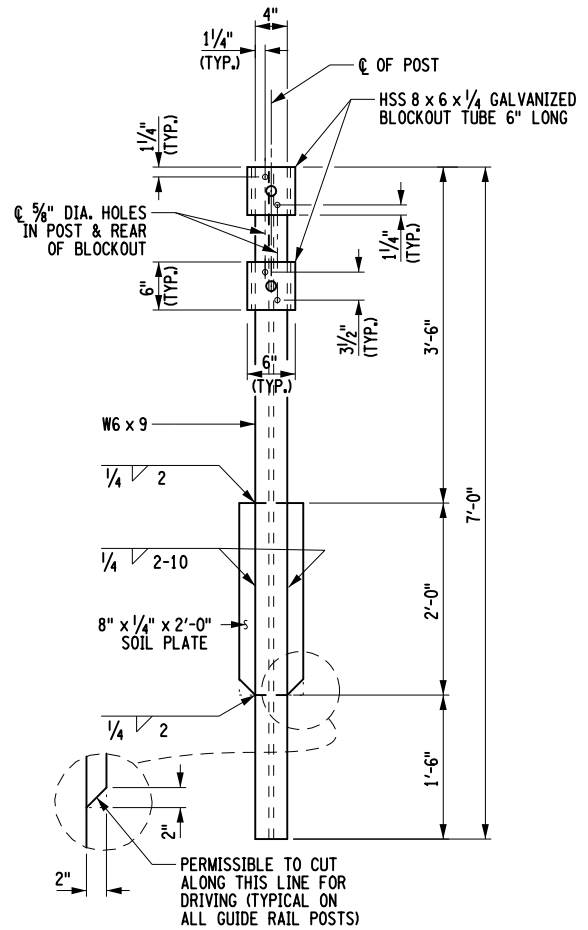
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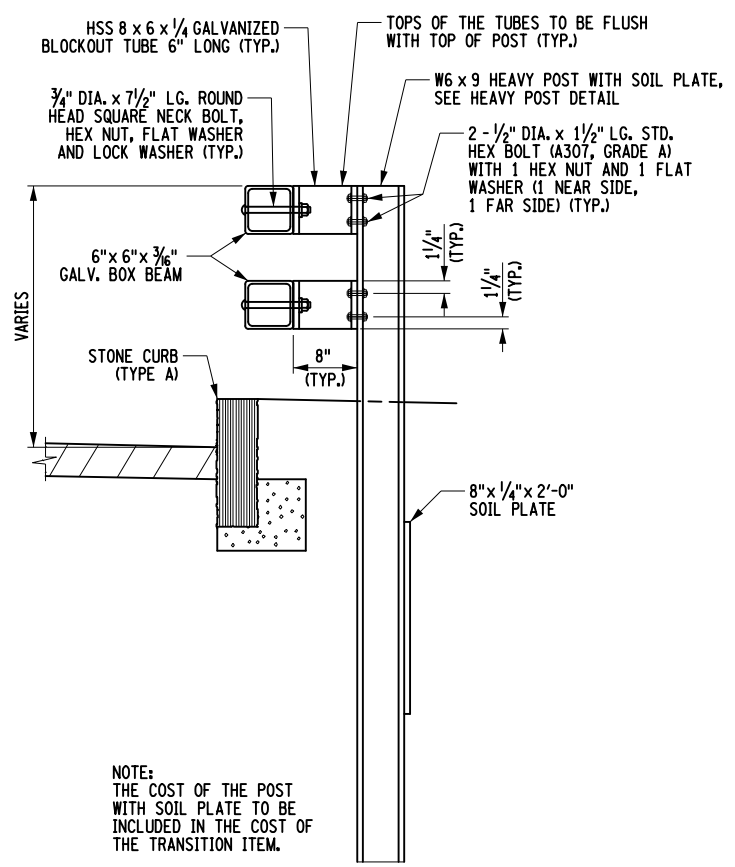
REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL

	TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
	TITLE OF DRAWING BARRIER DETAILS (SHEET 4 OF 6)	DRAWING NUMBER: ST-36

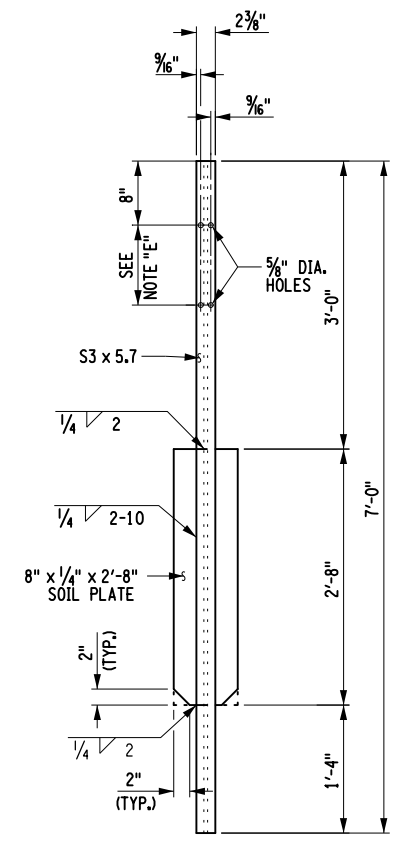
CHECKED BY: B. WARTHUNG
DRAFTED BY: J. VALENSI
CHECKED BY: D. LIVERMORE
DESIGNED BY: B. WARTHUNG
DESIGN SUPERVISOR: D. LIVERMORE



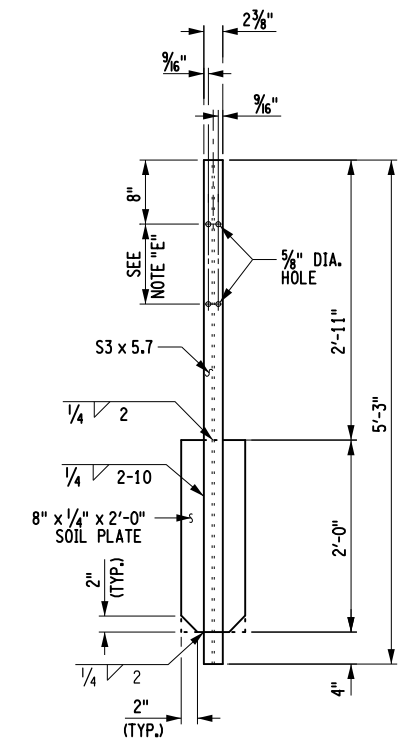
HEAVY POST DETAIL



HEAVY POST ELEVATION

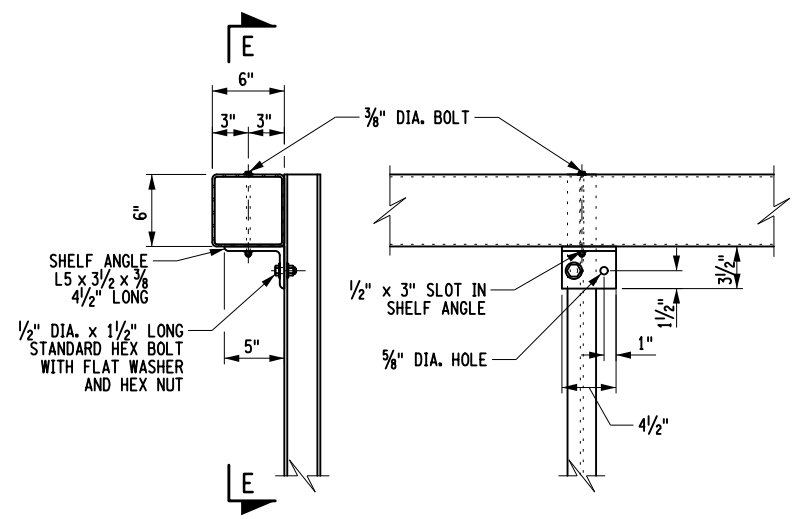


TRANSITION POST DETAIL

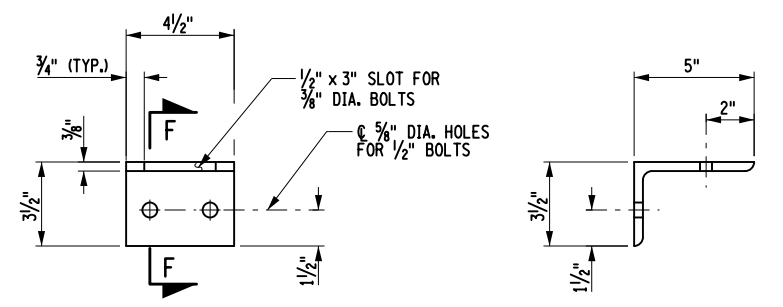


WEAK TRANSITION POST DETAIL

NOTE "E":
HOLES IN THE POST FOR THE LOWER RAIL MAY BE LOCATED AND DRILLED IN THE FIELD. IF SO, THE GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION T19-01.



ELEVATION
SECTION E-E
TYPICAL RAIL TO WEAK TRANSITION POST CONNECTION



ELEVATION
SECTION F-F
SHELF ANGLE DETAILS

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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	LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING BARRIER DETAILS (SHEET 5 OF 6)		DRAWING NUMBER: ST-37



NOTE:
"A" = 1/4" EXCEPT FOR EXPANSION JOINT LOCATIONS WHERE THIS DIMENSION SHALL BE SET EQUAL TO THE BRIDGE DECK JOINT OPENING PLUS 1/4" (MIN.)

TYPICAL RAIL SPLICE DETAIL
(TOP & BOTTOM RAIL)



1. FOR THE FOLLOWING SEE:
A. LIMITS OF PROTECTIVE SCREENING DWG. NO. ST-02
2. THE INTERIOR SECTIONS OF PEDESTRIAN FENCE POSTS SHALL BE PLACED SO THAT THE SPACING OF THE POSTS IS UNIFORM AND DOES NOT EXCEED 10'-0"
3. THE FULLY THREADED ANCHOR RODS FOR THE PEDESTRIAN FENCE POST MAY BE DRILLED AND GROUTED INTO THE BARRIER OR PARAPET AS SHOWN.
4. DRILLING AND GROUTING OF FULLY THREADED ANCHOR RODS SHALL BE DONE IN ACCORDANCE WITH SPECIFICATION 586.0310--25 - DRILLING & GROUTING OF BOLTS OR REINFORCING BARS - WITH PULLOUT TESTS. TEST LOAD = 6.0 KIPS. (ITEM 607.06120025)
5. IT IS PERMISSIBLE TO INSTALL SHIM PLATES BEHIND THE VERTICAL FENCE POSTS TO ACHIEVE PLUMB. SHIMS MUST HAVE 1/16" DIA. HOLES MATCHING THE PIPE CLAMP FOR THE 3/4" DIA. ANCHOR BOLTS. SHIMS SHALL BE OF STAINLESS STEEL (ASTM A666-03). THE REQUIRED QUANTITY AND THICKNESS OF SHIMS WILL BE DETERMINED IN THE FIELD.
6. ALL FENCE POSTS SHALL BE VERTICAL.
7. THE PROTECTIVE SCREENING SHALL BE PAID FOR UNDER 607.06120025 - PROTECTIVE SCREENING - (SNOW FENCE)
8. 5/8" DIA. ANCHOR BOLTS FOR FENCING SHALL BE F1554 GR105. BOLTS SHALL HAVE A MECHANICALLY DEPOSITED ZINC COATING IN ACCORDANCE WITH CLASS 50 OF ASTM B695.
9. 3/4" DIA. BOLTS SHALL BE ASTM A449 GR92 AND HOT DIPPED GALVANIZED IN ACCORDANCE WITH NYSS&d. SPEC. 719-01 OR MECHANICALLY DEPOSITED ZINC COATED AS DESCRIBED ABOVE.
10. ALL NUTS SHALL BE ASTM A563 HEAVY HEX GRADE DH AND HOT DIPPED GALVANIZED IN ACCORDANCE WITH NYSS&d. SPEC. 719-01 OR MECHANICALLY DEPOSITED ZINC COATED AS DESCRIBED ABOVE.
11. ALL WASHERS SHALL BE ASTM F436 AND HOT DIPPED GALVANIZED IN ACCORDANCE WITH NYSS&d. SPEC. 719-01 OR MECHANICALLY DEPOSITED ZINC COATED AS DESCRIBED ABOVE.

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Authority**

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LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING BARRIER DETAILS (SHEET 6 OF 6)	DRAWING NUMBER: ST-38

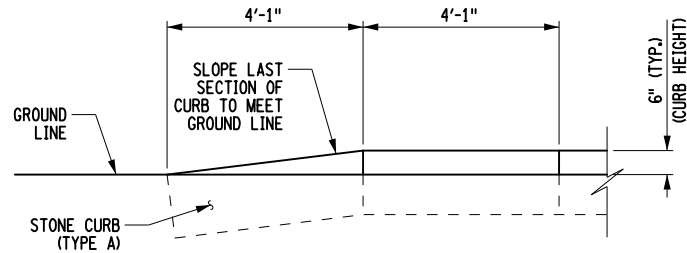
CHECKED BY: B. WARTHLING

DRAFTED BY: J. VALENSI

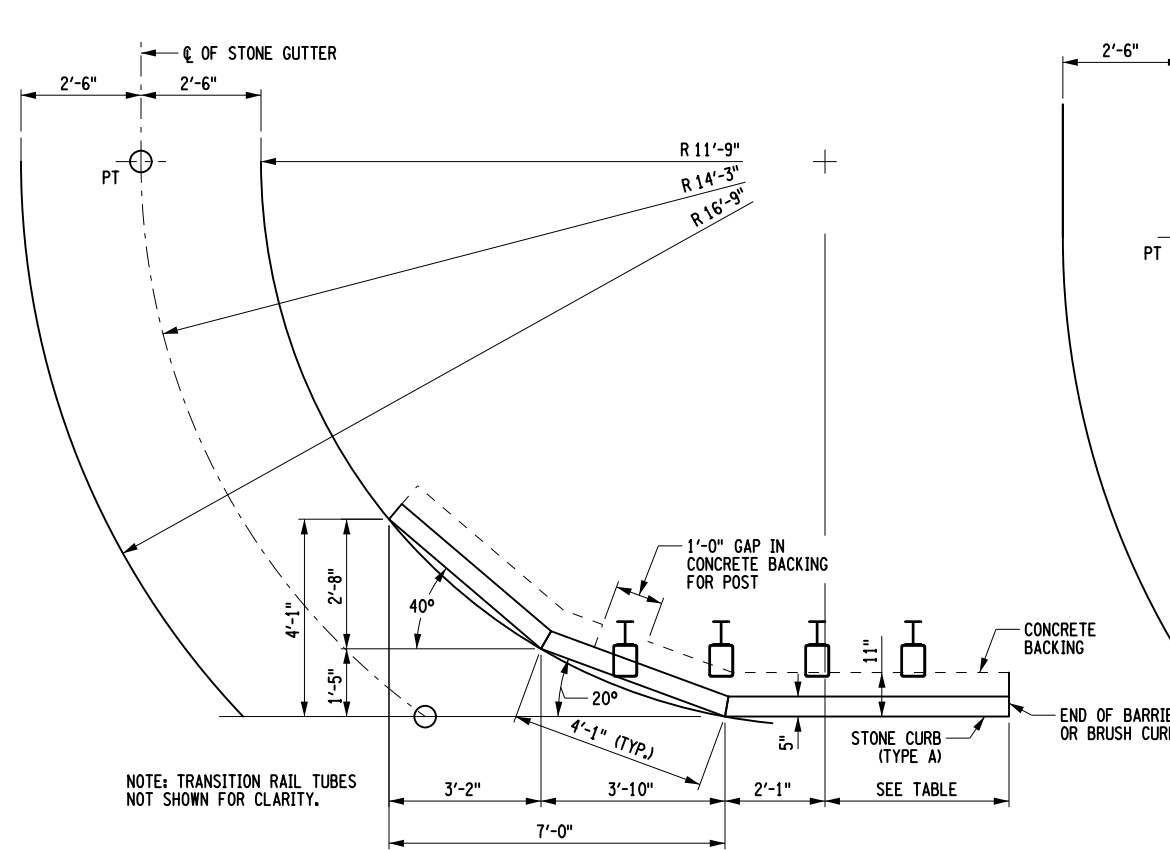
CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHLING

DESIGN SUPERVISOR: D. LIVERMORE

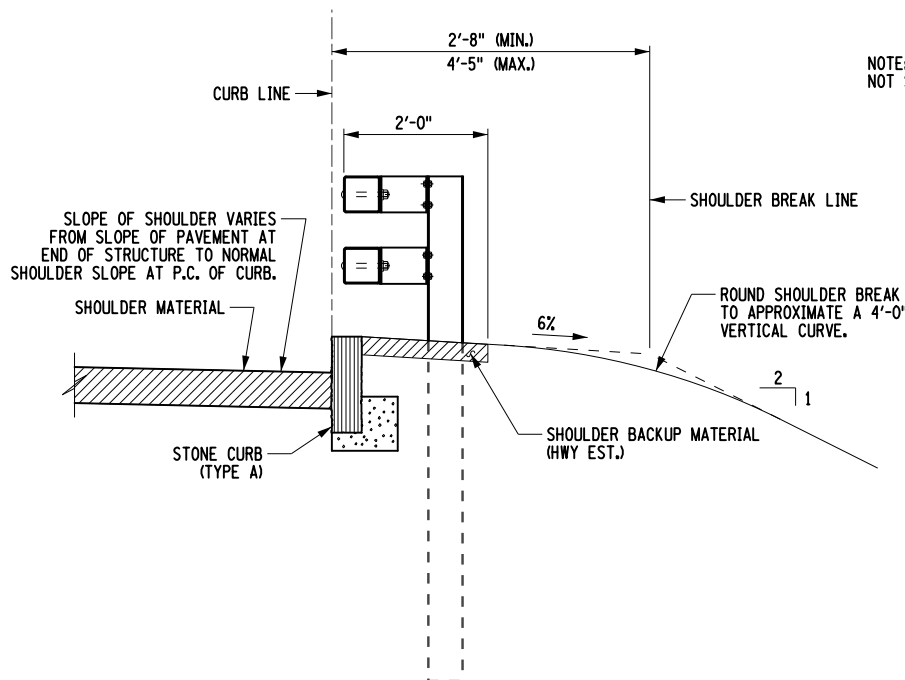


ELEVATION OF CURB TAPER

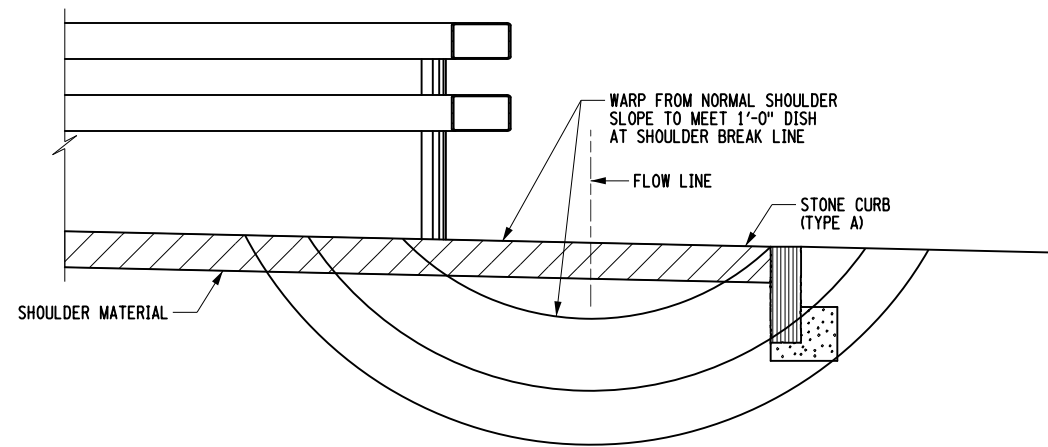


LAYOUT OF DRAINAGE CURBING AND STONE GUTTER

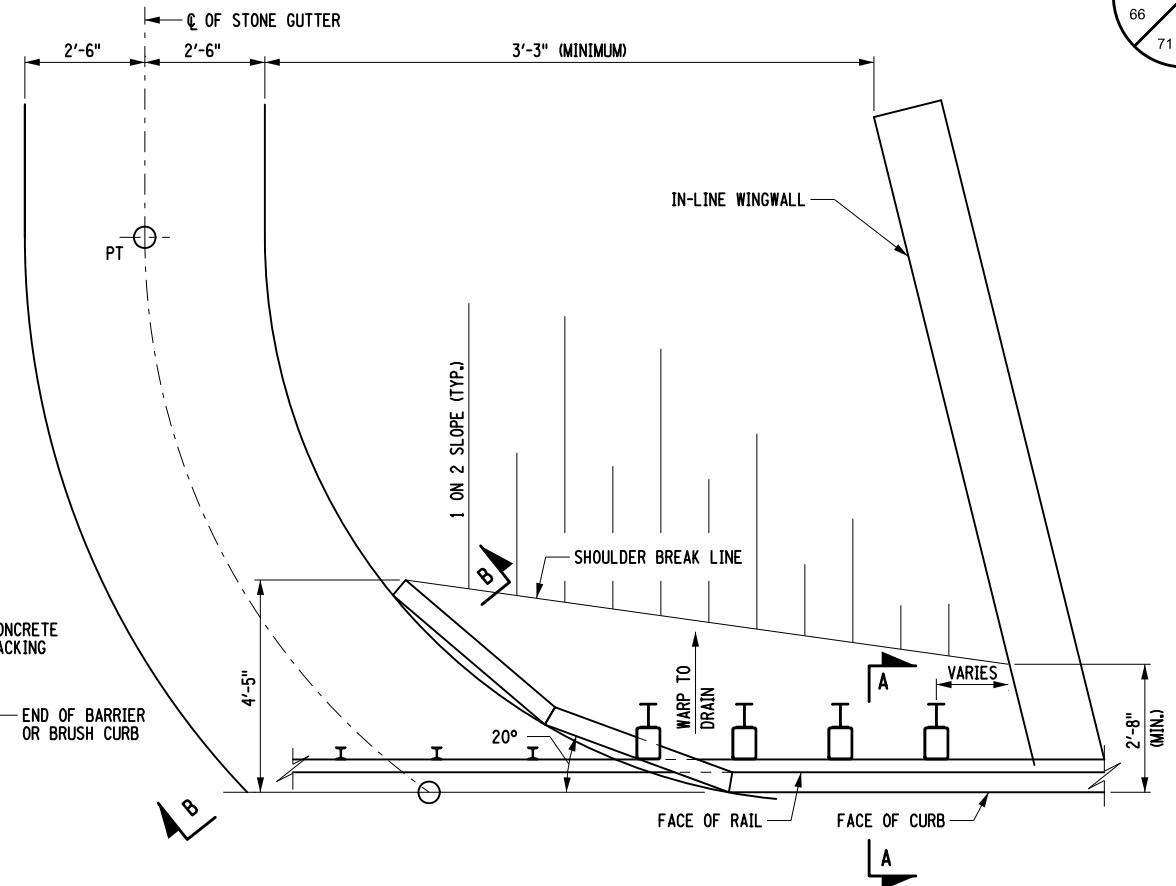
QUADRANT	LENGTH
SOUTHWEST	3'-10"
SOUTHEAST	10'-11"
NORTHWEST	3'-10"
NORTHEAST	12'-11"



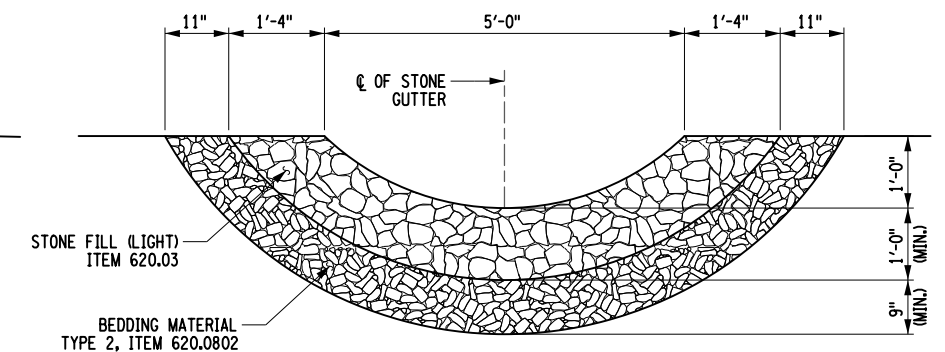
SECTION A-A



SECTION B-B



DRAINAGE FOR IN-LINE WINGWALL WITH STEEL RAILING



SECTION THRU STONE GUTTER

NOTES

- FOR THE FOLLOWING SEE:
 - A. TRANSITION RAILING DETAILS ST-34
 - B. APPROACH SLAB CORNER DETAIL ST-31
 - C. STONE CURB DETAILS ST-40

DWG. NO.
ST-34
ST-31
ST-40

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DATE	DESCRIPTION	BY	SYM.



Thruway
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REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
APPROACH DRAINAGE

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-39

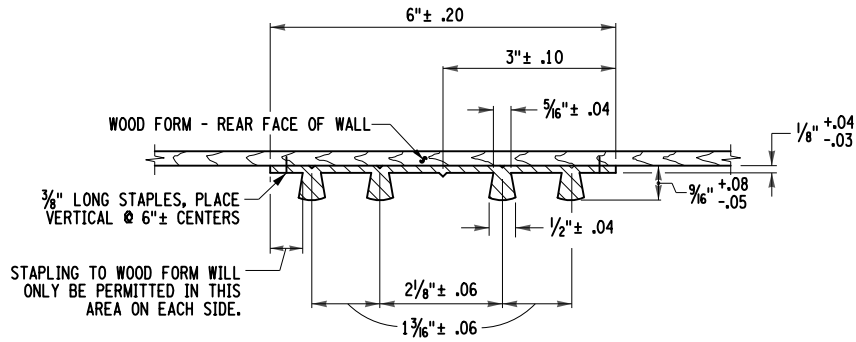
CHECKED BY: B. WARTHUNG

DRAFTED BY: J. VALENSI

CHECKED BY: D. LIVERMORE

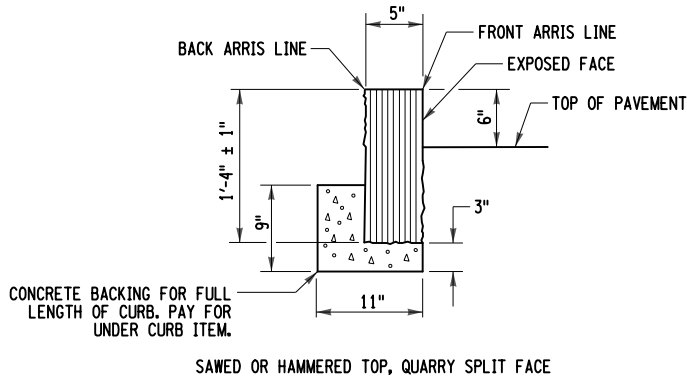
DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE



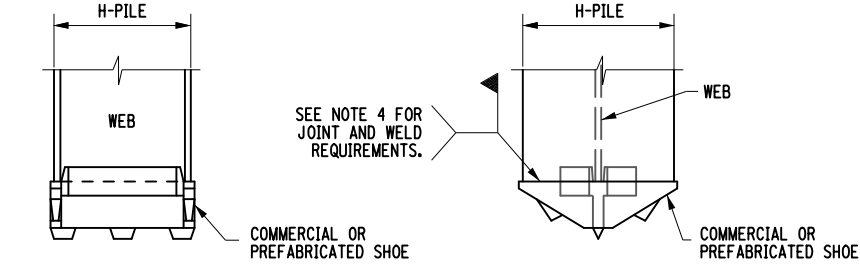
TYPE D WATERSTOP
NOT TO SCALE

NOTES:
HOLES MUST NOT BE MADE IN WATERSTOP FOR ANY PURPOSE EXCEPT AS REQUIRED FOR STAPLING TO FORMS.
TYPE D WATERSTOP SHALL BE LIGHT GRAY IN COLOR.



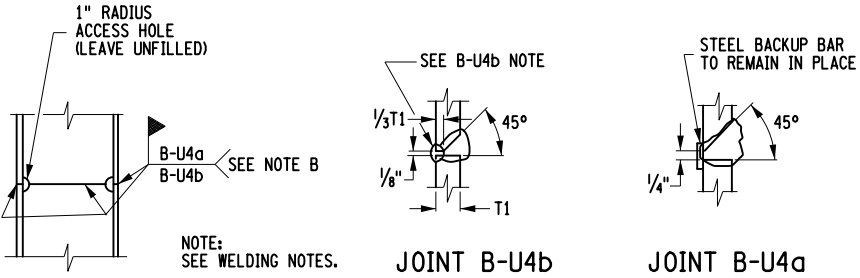
SECTION OF GRANITE BRIDGE CURB - TYPE A

NOTE:
ALL MORTAR SHALL CONFORM TO N.Y.S. STANDARD SPECIFICATIONS SUBSECTION 705-21.



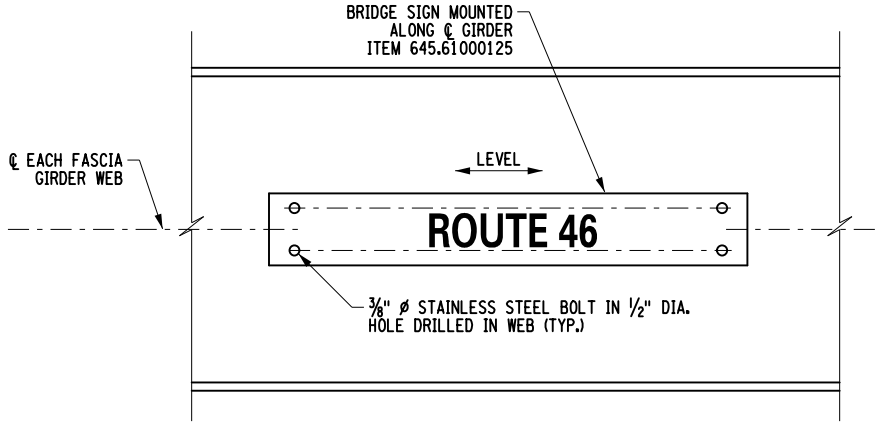
- NOTES:
1. COMMERCIAL OR PREFABRICATED SHOES ARE SUBJECT TO THE APPROVAL OF THE DCES.
 2. THE SHOE SHALL BE ATTACHED BY A NYSDOT CERTIFIED WELDER.
 3. A "WELDING PROCEDURE SPECIFICATION" (WPS) APPROVED BY THE DCES IS REQUIRED.
 4. THE SHOE WELD JOINT DESIGN SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION, AND AS SHOWN ON THE APPROVED WPS.
 5. IF SHOES ARE WELDED AT A LOCATION OTHER THAN THE PROJECT SITE, ALL OF THE ABOVE PROVISIONS SHALL APPLY TO THE OFFSITE FABRICATOR. THE DCES SHALL BE NOTIFIED BY THE CONTRACTOR OF THE ACTUAL LOCATION WHERE THE WELDING WILL BE PERFORMED A MINIMUM OF 5 WORKING DAYS BEFORE WORK COMMENCES.
 6. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER IN CONFORMANCE WITH REQUIREMENTS FOR WELDING SPECIFIED IN THE N.Y.S. STEEL CONSTRUCTION MANUAL.

STEEL H-PILE SHOES
NOT TO SCALE

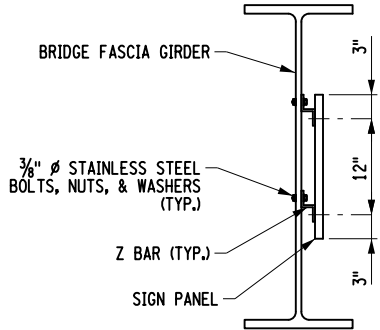


SPLICE FOR STEEL H-PILE

WELDING NOTES:
A "WELDING PROCEDURE SPECIFICATION" (WPS) APPROVED BY THE D.C.E.S. IS REQUIRED.
ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER IN CONFORMANCE WITH REQUIREMENTS FOR WELDING SPECIFIED IN THE N.Y.S. STEEL CONSTRUCTION MANUAL.
A: SIZE TO BE INDICATED IN THE F.D.R.
B: EITHER JOINT MAY BE USED AT CONTRACTOR'S OPTION.
B-U4b: AIR CARBON ARC GOUGE TO SOUND WELD METAL PRIOR TO WELDING THE SECOND SIDE. THE GOUGE SHALL HAVE A 1/4" MINIMUM RADIUS AT THE ROOT WITH THE TOP SLOPED BACK AT 45° MINIMUM.



BRIDGE IDENTIFICATION
SIGN MOUNTING DETAIL
NOT TO SCALE



MOUNTING DETAIL ON
BRIDGE FASCIA GIRDER
NOT TO SCALE

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYMBOL



Thruway
Authority

TITLE OF PROJECT REPLACEMENT OF NORTH MAIN STREET BRIDGE OVER N.Y.S. THRUWAY I-90	CONTRACT NUMBER: TAS 25-30B
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 257.09 (BIN 5025670)	DATE: 09/16/2025
TITLE OF DRAWING MISCELLANEOUS DETAILS	DRAWING NUMBER: ST-40

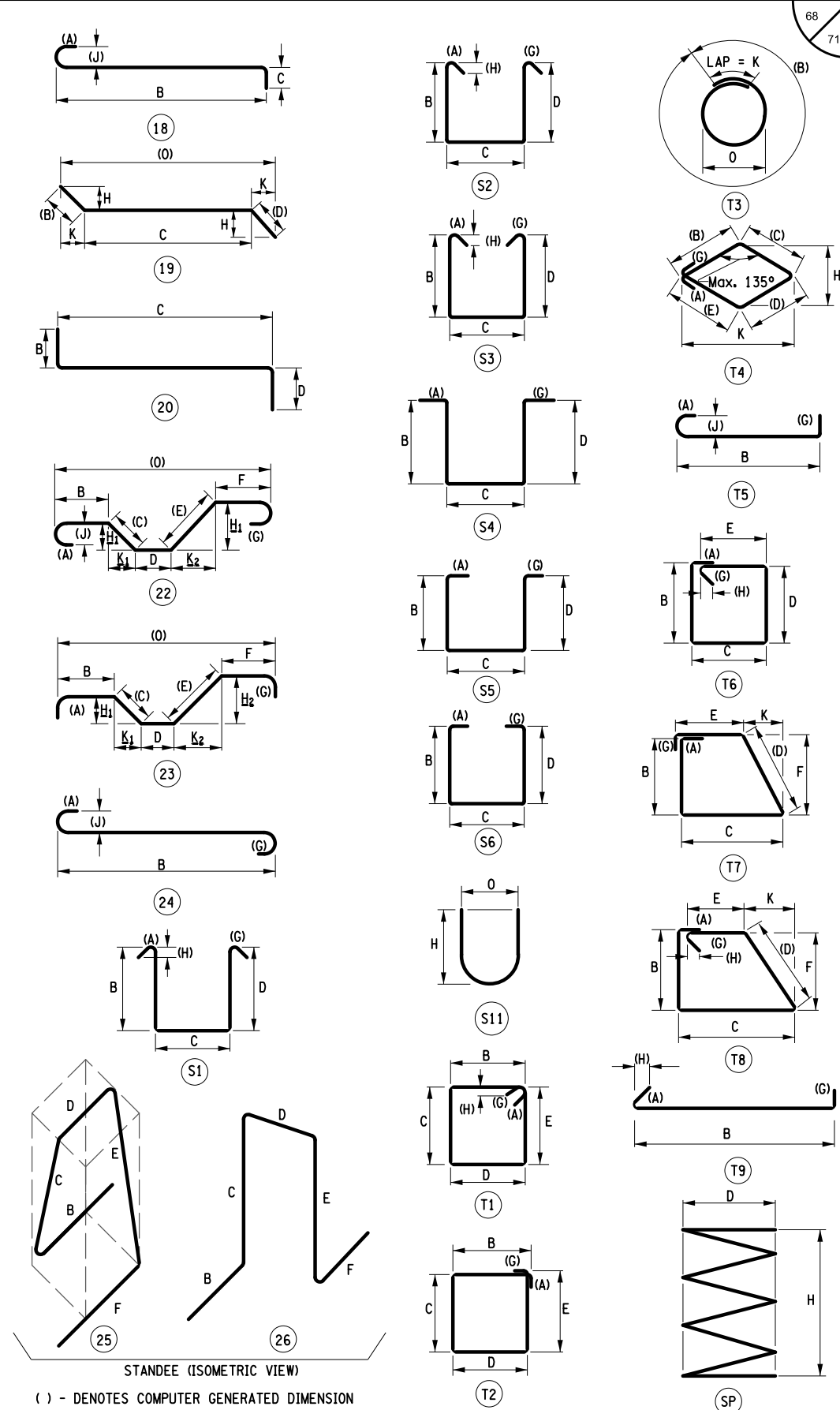
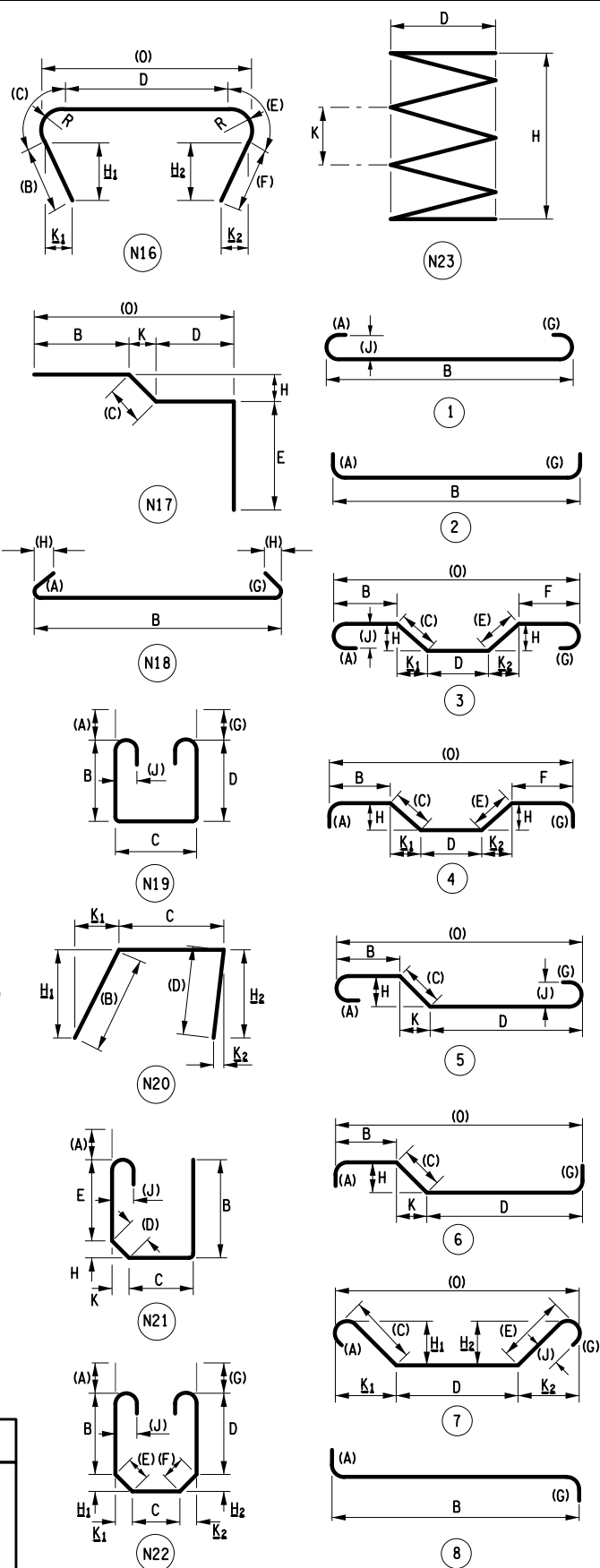
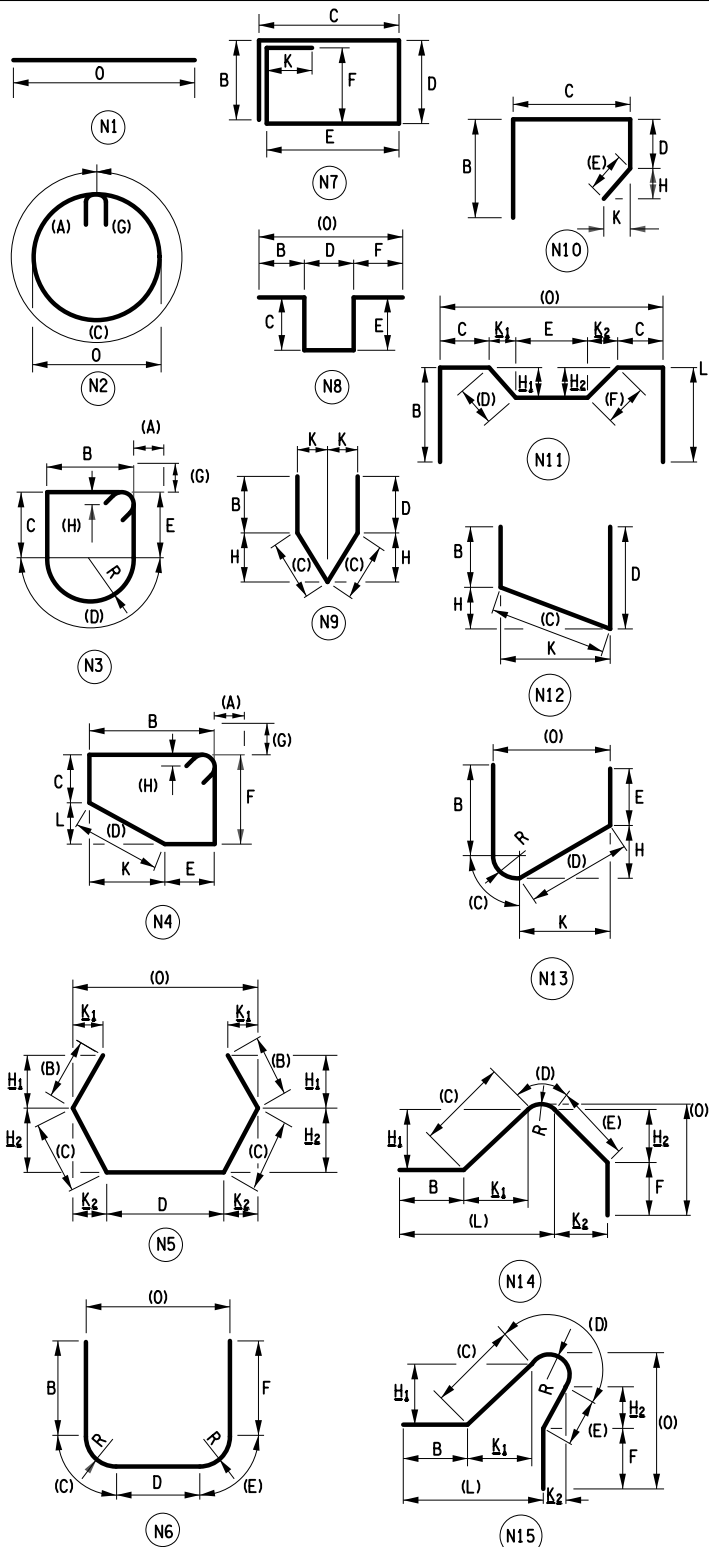
CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE



STANDEE (ISOMETRIC VIEW)
() - DENOTES COMPUTER GENERATED DIMENSION

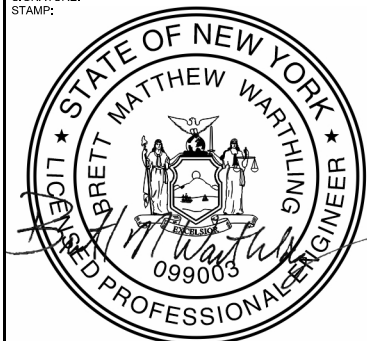
ALTERED ON:

SIGNATURE:
STAMP:

AFFIXED ON:

09/16/2025

SIGNATURE:
STAMP:



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
BAR BENDING DIAGRAMS

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-41

DESIGN SUPERVISOR: D. LIVERMORE

ALTERED ON:	AFFIXED ON: 09/16/2025
SIGNATURE: STAMP:	SIGNATURE: STAMP: 

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**NEW
YORK
STATE**

**Thruway
Authority**

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING

BAR LIST
(SHEET 1 OF 3)

DATE: 09/16/2025

ST-42

CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHLING

CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHLING

DESIGN SUPERVISOR: D. LIVERMORE

MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H/H1	H2	J	K/K1	K2	L	O	R
ENDING ABUTMENT - POUR 1																			
6AG1	176	8-8	17	2291		6-0	2-8	0-0											
6AG2	13	10-2	17	199		7-6	2-8	0-0											
		AVG.				AVG.													
6AG3	30	8-4	17	376		5-8	2-8	0-0											
6AG3	B	VARIES	FROM		7-5	TO	3-11	(2	SETS OF	15)									
6AG4	12	10-3	17	185		7-7	2-8	0-0											
		AVG.				AVG.													
6AG5	28	8-5	17	354		5-9	2-8	0-0											
6AG5	B	VARIES	FROM		7-6	TO	4-0	(2	SETS OF	14)									
6AG6	10	40-0	N1	601														40-0	
6AG7	10	25-8	N1	385														25-8	
5AG8	2	40-0	N1	83														40-0	
5AG9	2	25-8	N1	54														25-8	
6AG10	28	4-8	2	195	0-11¾	2-8					0-11¾								
5AG11	88	5-0	17	459		1-2	2-8	1-2											
6AG12	4	17-2	N1	103														17-2	
6AG13	4	16-6	N1	99														16-6	
5AG14	6	5-0	17	31		1-2	2-8	1-2											
6AG15	4	40-0	N1	240														40-0	
6AG16	4	6-2	N1	37														6-2	
5AG17	2	6-7	17	14		3-11	2-8	0-0											
5AG18	2	6-8	17	14		4-0	2-8	0-0											
SUBTOTAL GALV. BARS					5720	LB	THIS POUR												
ENDING ABUTMENT - POUR 2																			
6AG6	11	40-0	N1	661														40-0	
6AG7	5	25-8	N1	193														25-8	
6AG12	2	17-2	N1	52														17-2	
6AG13	3	16-6	N1	74														16-6	
5AG14	4	5-0	17	21		1-2	2-8	1-2											
6AG15	1	40-0	N1	60														40-0	
6AG16	1	6-2	N1	9														6-2	
		AVG.																AVG.	
6AG20	4	21-2	N1	127														21-2	
6AG20	0	VARIES	FROM		24-6	TO	17-10	(1	SET OF	4)									
		AVG.																AVG.	
6AG21	2	20-1	N1	60														20-0½	
6AG21	0	VARIES	FROM		22-3	TO	17-10	(1	SET OF	2)									
6AG22	1	12-6	N1	19														12-6	
		AVG.																AVG.	
6AG23	2	10-9	N1	32														10-8½	
6AG23	0	VARIES	FROM		11-10	TO	9-7	(1	SET OF	2)									
6AG24	12	9-3	N1	167														9-3	
6AG25	1	11-2	N1	17														11-2	
		AVG.																AVG.	
6AG26	2	9-8	N1	29														9-8	
6AG26	0	VARIES	FROM		10-9	TO	8-7	(1	SET OF	2)									
		AVG.																AVG.	

ALTERED ON:

AFFIXED ON: 09/16/2025

SIGNATURE:

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MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H/H1	H2	J	K/K1	K2	L	O	R
6AG27	2	4-9	N1	14														4-8½	
6AG27	0	VARIES	FROM		5-2	TO	4-3	(1	SET OF	2)									
		AVG.																AVG.	
6AG28	2	3-8	N1	11														3-7½	
6AG28	0	VARIES	FROM		4-1	TO	3-2	(1	SET OF	2)									
		AVG.																AVG.	
6AG29	2	4-3	N1	13														4-2½	
6AG29	0	VARIES	FROM		4-8	TO	3-9	(1	SET OF	2)									
		AVG.																AVG.	
6AG30	2	4-2	N1	12														4-1½	
6AG30	0	VARIES	FROM		4-7	TO	3-8	(1	SET OF	2)									
		AVG.																AVG.	
6AG31	4	14-8	N1	88														14-7½	
6AG31	0	VARIES	FROM		15-8	TO	13-7	(1	SET OF	4)									
		AVG.																AVG.	
6AG32	3	14-4	N1	64														14-3½	
6AG32	0	VARIES	FROM		15-5	TO	13-2	(1	SET OF	3)									
5AG33	88	7-8	17	704		2-6	2-8	2-6											
5AG34	40	5-0	17	209		1-2	2-8	1-2											
		AVG.					AVG.											AVG.	
5AG35	4	10-9	12	45	0-0	0-0	2-9	7-11¾				3-8		0-0	7-1			9-10	
5AG35	C	VARIES	FROM		3-0	TO	2-6	(1	SET OF	4)									
		AVG.					AVG.											AVG.	
5AG36	4	9-9	12	41	0-0	0-0	2-2	7-6¾				3-7		0-0	6-8			8-10	
5AG36	C	VARIES	FROM		2-5	TO	1-11	(1	SET OF	4)									
5AG40	30	4-5	1	138	0-7	3-3					0-7			0-5					
5AG41	60	24-11	17	1559		2-11	22-0	0-0											
5AG42	42	5-6	17	241		2-6	3-0	0-0											
SUBTOTAL GALV. BARS					4658	LB	THIS POUR												
SUPERSTRUCTURE SLAB																			
4SG1	360	37-4	N1	8977														37-4	
4SG2	354	37-4	N1	8827														37-4	
4SG3	328	39-6	1	8652	0-6	39-0					0-0			0-4¼					
4SG4	328	6-10	1	1495	0-6	6-4					0-0			0-4¼					
4SG5	329	39-0	N1	8570														39-0	
4SG6	329	6-4	N1	1391														6-4	
6SG7	654	5-7	1	5475	0-7¾	4-11					0-0			0-6					
5SG8	118	40-0	N1	4922														40-0	
5SG9	59	13-10	N1	851														13-10	
5SG10	72	37-11	N1	2847														37-11	
4SG11	4	3-4	N12	9		1-5¾	1-10¼	0-0				1-3¾			1-3¾				
4SG12	4	3-3	N12	9		1-10¼	1-5	0-0				1-0			1-0				
SUBTOTAL GALV. BARS					52026	LB	THIS POUR												

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



Thruway Authority

TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90
LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)
TITLE OF DRAWING
BAR LIST
(SHEET 2 OF 3)

CONTRACT NUMBER:
TAS 25-30B
DATE:
09/16/2025
DRAWING NUMBER:
ST-43

CHECKED BY: D. LIVERMORE

DRAFTED BY: B. WARTHUNG

CHECKED BY: D. LIVERMORE

DESIGNED BY: B. WARTHUNG

DESIGN SUPERVISOR: D. LIVERMORE


MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H/H1	H2	J	K/K1	K2	L	O	R
LEFT BARRIER																			
5BG1	318	3-0	N1	994														3-0	
6BG2	286	4-1	N12	1752		3-1	1-0	0-0				0-2¼			0-11¾				
5BG3	286	6-6	N13	1934		2-9¾	0-8¾	2-11¼	0-0			2-10½			0-7½			1-1½	0-3
7BG4	72	38-8	N1	5691														38-8	
		AVG.					AVG.					AVG.			AVG.				
6BG5	32	4-1	N12	196		3-1	1-0	0-0				0-1			0-11¾				
6BG5	H/H1	VARIES	FROM		0-0	TO	0-2¼	(2	SETS OF 16)										
6BG5	K/K1	VARIES	FROM		1-0	TO	0-11¾	(2	SETS OF 16)										
		AVG.					AVG.	AVG.				AVG.			AVG.			AVG.	
5BG6	32	6-5	N13	215		2-9¾	0-9	2-10½	0-0			2-10			0-3¾			0-9¾	0-3
5BG6	H/H1	VARIES	FROM		2-9¾	TO	2-10½	(2	SETS OF 16)										
5BG6	K/K1	VARIES	FROM		0-0	TO	0-7½	(2	SETS OF 16)										
5BG7	25	5-8	S11	147								2-8						0-6	
6BG8	25	4-1	14	153	0-0	2-0	1-0¾	1-0	0-0			1-5	0-8¾		1-5	0-8¼		3-2	
5BG9	25	5-2	S11	134								2-5						0-6	
SUBTOTAL GALV. BARS				11215	LB THIS POUR														
RIGHT BARRIER																			
5BG1	318	3-0	N1	994														3-0	
6BG2	286	4-1	N12	1752		3-1	1-0	0-0				0-2¼			0-11¾				
5BG3	286	6-6	N13	1934		2-9¾	0-8¾	2-11¼	0-0			2-10½			0-7½			1-1½	0-3
7BG4	72	38-8	N1	5691														38-8	
		AVG.					AVG.					AVG.			AVG.				
6BG5	32	4-1	N12	196		3-1	1-0	0-0				0-1			0-11¾				
6BG5	H/H1	VARIES	FROM		0-0	TO	0-2¼	(2	SETS OF 16)										
6BG5	K/K1	VARIES	FROM		1-0	TO	0-11¾	(2	SETS OF 16)										
		AVG.					AVG.	AVG.				AVG.			AVG.			AVG.	
5BG6	32	6-5	N13	215		2-9¾	0-9	2-10½	0-0			2-10			0-3¾			0-9¾	0-3
5BG6	H/H1	VARIES	FROM		2-9¾	TO	2-10½	(2	SETS OF 16)										
5BG6	K/K1	VARIES	FROM		0-0	TO	0-7½	(2	SETS OF 16)										
5BG7	25	5-8	S11	147								2-8						0-6	
6BG8	25	4-1	14	153	0-0	2-0	1-0¾	1-0	0-0			1-5	0-8¾		1-5	0-8¼		3-2	
5BG9	25	5-2	S11	134								2-5						0-6	
SUBTOTAL GALV. BARS				11215	LB THIS POUR														
													</						

MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H/H1	H2	J	K/K1	K2	L	O	R		
BEGIN APPROACH SLAB																					
5HG1	60	15-3	2	953	0-9 ¾	14-5					0-0										
5HG2	60	15-0	1	938	0-7	14-5					0-0										
5HG3	16	39-9	N1	663														39-9			
5HG4	16	39-9	N1	663														39-9			
SUBTOTAL GALV. BARS					3218	LB THIS POUR															
BEGIN SLEEPER SLAB																					
5HG1	14	39-9	N1	580														39-9			
5HG2	82	5-7	N1	478														5-7			
5HG3	3	39-9	N1	124														39-9			
5HG4	41	4-7	17	197		1-6	1-7¼	1-6													
SUBTOTAL GALV. BARS					1379	LB THIS POUR															
END APPROACH SLAB																					
5HG1	60	15-3	2	953	0-9 ¾	14-5					0-0										
5HG2	60	15-0	1	938	0-7	14-5					0-0										
5HG3	16	39-9	N1	663														39-9			
5HG4	16	39-9	N1	663														39-9			
SUBTOTAL GALV. BARS					3218	LB THIS POUR															
END SLEEPER SLAB																					
5HG1	14	39-9	N1	580														39-9			
5HG2	82	5-7	N1	478														5-7			
5HG3	3	39-9	N1	124														39-9			
5HG4	41	4-7	17	197		1-6	1-7¼	1-6													
SUBTOTAL GALV. BARS					1379	LB THIS POUR															
TOTAL GALV. BARS					20599	LB IN ABUTMENT (PAID FOR UNDER ITEM 556.0203)															
TOTAL GALV. BARS					9194	LB IN APPROACH SLAB (PAID FOR UNDER ITEM 557.1019)															
TOTAL GALV. BARS					22431	LB IN BARRIER (PAID FOR UNDER ITEM 569.04)															
TOTAL GALV. BARS					20058	LB IN PIER (PAID FOR UNDER ITEM 556.0203)															
TOTAL GALV. BARS					52026	LB IN SUPERSTRUCTURE SLAB (PAID FOR UNDER ITEM 557.1119)															
TOTAL GALV. BARS					124309	LB ENTIRE STRUCTURE															

ALTERED ON:


SIGNATURE:
STAMP:

AFFIXED ON:
09/16/2025

SIGNATURE:
STAMP:


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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



TITLE OF PROJECT
REPLACEMENT OF NORTH MAIN STREET
BRIDGE OVER N.Y.S. THRUWAY I-90

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 257.09 (BIN 5025670)

TITLE OF DRAWING
BAR LIST
(SHEET 3 OF 3)

CONTRACT NUMBER:
TAS 25-30B

DATE:
09/16/2025

DRAWING NUMBER:
ST-44