

PROJECT LOCATION



Department of Transportation

STATE ROUTE 51 OVER STEELE CREEK
 BRIDGE REPLACEMENT PROJECT
 BIN 1026490
 VILLAGE OF ILION
 F.A. PROJECT

THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE DEPARTMENT, 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 SHEETS UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

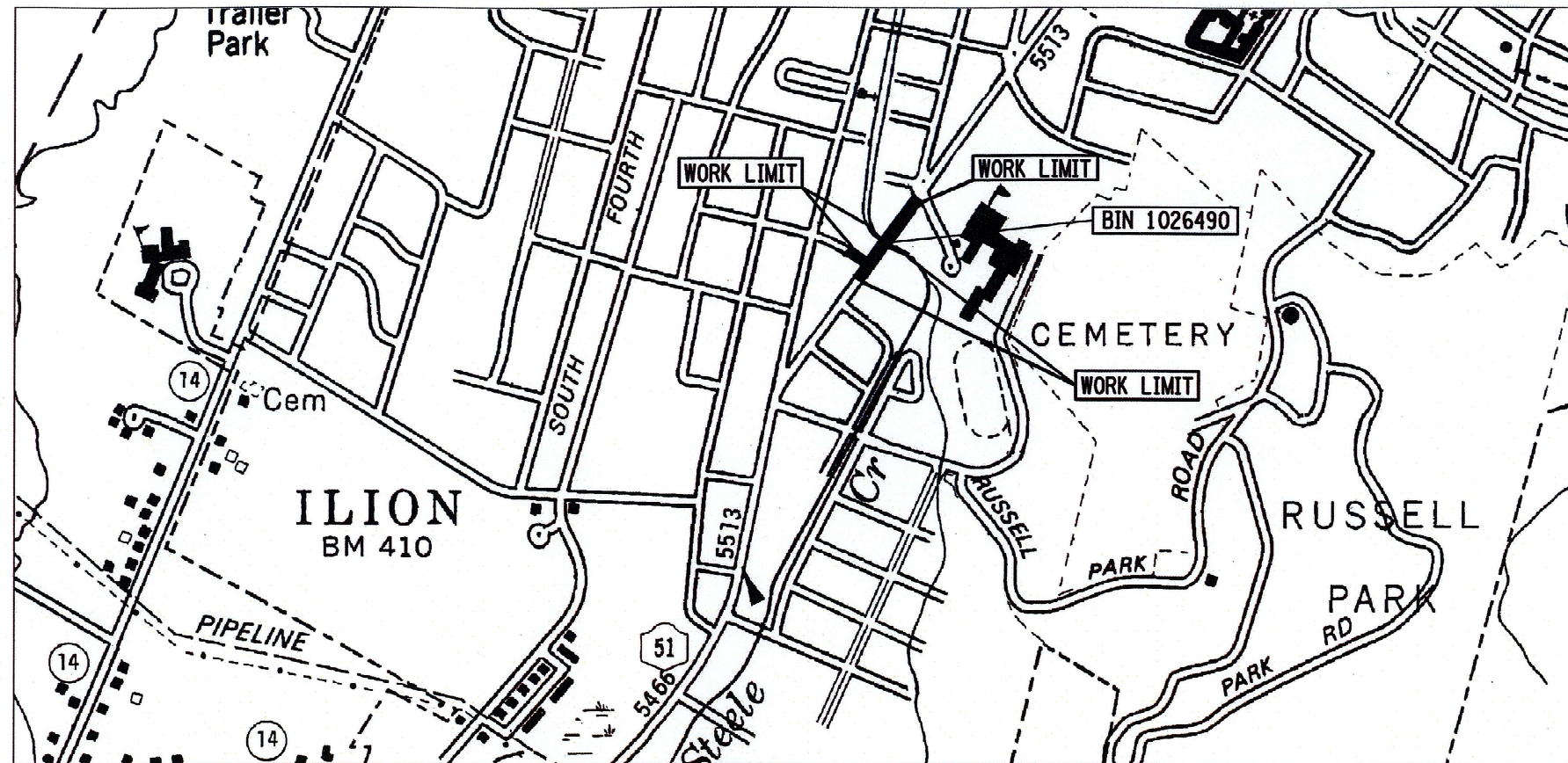
ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (AS CUSTOMARY) REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL."

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYS DOT POLICIES AND GUIDELINES AND THE FINAL DESIGN REPORT APPROVED ON 05/04/2021

CONTRACT D264647

HERKIMER COUNTY

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



TRAFFIC VOLUMES		
YEAR	AADT	TRUCKS %
EXISTING (2020)	5295	5.5
ETC (2022)	5350	5.5
ETC+10 (2032)	5615	5.5
ETC+20 (2042)	5880	5.5



RECOMMENDED BY
David Sadekoski 10/19/21
 REGIONAL QUALITY CONTROL ENGINEER DATE
 DAVID SADEKOSKI, P.E.

PROJECT LOCATION
 THIS PROJECT BEGINS SOUTH OF ROUTE 51 AND FOURTH ST.
 INTERSECTION AND CONTINUES 0.11 MILES NORTH ALONG ROUTE 51
 TO WEST ST. INTERSECTION.

RECOMMENDED BY
Brian Hoffmann 10/19/21
 REGIONAL DESIGN ENGINEER DATE
 BRIAN HOFFMANN, P.E.

RECOMMENDED BY
Steven H. Emrich 10/19/21
 REGIONAL CONSTRUCTION ENGINEER DATE
 STEVE EMRICH, P.E.

RECOMMENDED BY
Michael J. Pawloski 10/20/21
 REGIONAL DIRECTOR OF OPERATIONS DATE
 MICHAEL PAWLOSKI, P.E.

RECOMMENDED BY
Michael Gallerani 10/19/21
 REGIONAL TRAFFIC ENGINEER DATE
 MICHAEL GALLERANI, P.E.

APPROVED BY
Linda Lubej 10/20/2021
 REGIONAL DIRECTOR DATE
 LINDA LUBEY, P.E.

SH 5513 - ILION VILLAGE - OTSEGO STREET		
ROUTE 51		
COUNTY: HERKIMER		
FED. ROAD REG. NO.	STATE	SHEET NO.
1	N.Y.	1
CAPITAL PROJECT IDENTIFICATION NO. 2004.12		
INDEX ON SHEET NO.		D264647

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

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

SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 ROUTE 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
COUNTY: HERKIMER	REGION: 02	LEGEND LINE SYMBOLOGY		DRAWING NO. L-01	
				SHEET NO. 3	
					Department of Transportation

ALIGNMENT			DRAINAGE			ITS			ROW MAPPING			SIGNS			UTILITIES				
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION		
⊗	ACC	CENTER OF CURVATURE	+	DINV	INVERT	⊕	IANT P	ANTENNAS	⊕	MDL1P	DEED LINE, TYPE 1	⊕	S	SINGLE POST	⊕	UEB	ELECTRIC, BOX		
+	ACOGO	COGO	▤	DS	STRUCTURE, RECTANGULAR	⊕	IASCTS	ACCOU. SPEED/COUNT SNSR.S	⊕	MDL2P	DEED LINE, TYPE 2	⊕	S.P	SINGLE POST, PROPOSED	⊕	UEM	ELECTRIC, METER		
⊙	ACS	CURVE TO SPIRAL	+	DSI	STRUCTURE, INVERT	⊕	ICABPAD	CABINET & PAD	⊕	MDL3P	DEED LINE, TYPE 3	⊕	SB.P	BACK TO BACK, PROPOSED	⊕	UEMH	ELECTRIC, MANHOLE		
△	ADPL.P	DETOUR, POINT OF INTERSECT.	⊕	DSM	STRUCTURE, MANHOLE	⊕	ICCTV	CCTV SITE	⊕	MDL4P	DEED LINE, TYPE 4	⊕	SDEL	DELINEATORS	⊕	UEPT	ELECTRIC, POLE, TRANS.		
○	ADPL.P	DETOUR, POINT ON LINE	⊕	DSM	STRUCTURE, MANHOLE	⊕	ICDPD	CDPD TRANSCEIVER	⊕	MDL5P	DEED LINE, TYPE 5	⊕	SPM	PARKING METER	⊕	UGM	GAS, METER		
○	AEQN	EQUATION	⊕	DSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96	⊕	ICELLT	CELL PHONE TOWER	⊕	MEEP	EASEMENT, EXISTING	⊕	SRM	REFERENCE MARKERS	⊕	UGMH	GAS, MANHOLE		
⊙	AEQNAHD	EQUATION AHEAD	⊕	DSR	STRUCTURE, ROUND	⊕	ICJB	CONDUIT JACK OR BORING	⊕	MEPAP.P	EASEMENT, PERM., APPROX.	⊕	SRSC3	SHLD, CTY, 123 DIG.	⊕	UGLM	GAS, LINE MARKER		
⊙	AEQNBK	EQUATION BACK	⊕	DSR	STRUCTURE, ROUND	⊕	ICNTLCAB	CONTROLLER CABINET	⊕	MEPP.P	EASEMENT, PERM., BACK LINE	⊕	SRSC4	SHLD, CTY, 4 DIG.	⊕	UGP	GAS/FUEL PUMP		
○	AEVT	EVENT STATION	⊕	DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R	⊕	ICPB	COMMUNICATION PULL BOX	⊕	MEPSP.P	EASEMENT, PERM., SHAPE	⊕	SRSC2	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.	⊕	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊕	UGVT	GAS, VENT		
○	APCC	POINT OF COMPOUND CURVATURE	⊕	DST"X" P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U	⊕	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	⊕	EIPEFL.P	STR., INLET PROT., FILTER LOG	⊕	IFXCAB	FIBER OPTIC X-CONNECT CABINET	⊕	MJCP	PT., JURIS. CITY	⊕	SRSS4	SHLD, STATE, 4 DIG.	⊕	UP	POLE, WITH UTILITY		
○	APOS	POINT ON SPIRAL	⊕	EIPEFL.P	STR., INLET PROT., FILTER LOG	⊕	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	⊕	MPC	PT., CROSS CUT				⊕	UPD	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		
Y	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	⊕	EWFG	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				⊕	GDH	DRILL HOLE	⊕	IOVHMS	PERM. OVERHEAD VMS	⊕	MPN	PT., NAIL	⊕	TCSP	SIGNAL POLE	⊕	UUB
△	APVRC	POINT OF VERT. REVERSE CURVE	LANDSCAPE			⊕	IPASCS	PORT. ACCOU. SPD & CNT. SENSOR	⊕	MPRS	PT., RAILROAD SPIKE	TRAFFIC WORK ZONE			⊕	UUJB	UNKNOWN, JUNCTION BOX		
⊙	APVT	POINT OF VERTICAL TANGENCY				+	LELS	ELEVATION, SPOT	⊕	IPEDS	PEDESTRIAN SIGNAL HEAD				⊕	MPSP	PT., SPIKE	⊕	TWZAP.P
⊙	ASC	SPIRAL TO CURVE	⊕	LFP	FLAG POLE	⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	MPST	PT., STAKE	⊕	TWZAPC.P	ARROW PANEL, CAUTION MODE	⊕	UUPB	UNKNOWN, PULL BOX		
△	ASPI	SPIRAL POINT OF INTERSECTION	⊕	LMB	MAILBOX	⊕	IPVMS	PERM. VMS	⊕	MPTW	PT., TREE W/ WIRE	⊕	TWZAPT.P	ARROW PANEL, TRAILER OR SUPPORT	⊕	UUVL	UNKNOWN, VALVE		
○	ASTS	SPIRAL TO SPIRAL	⊕	LPB	PAPER BOX	⊕	IRM	RAMP METER	⊕	MPWL	PT., WALL LOCATION	⊕	TWZBCD.P	BARRICADE (TYPE III)	⊕	UUVT	UNKNOWN, VENT		
⊗	AST	SPIRAL TO TANGENT	⊕	LPB	PAPER BOX	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	ROW ACQUISITION			⊕	TWZCMS.P	CHANGEABLE MESSAGE SIGN (PVMS)	⊕	UUVW	UNKNOWN, WELL		
⊗	ATS	TANGENT TO SPIRAL	⊕	LPST	POST, SINGLE	⊕	ISP	SOLAR PANEL				⊕	MFS.P.T	FEE ACQUISITION	⊕	TWZFLG.P	FLAGGER	⊕	UWFH
△	AVEVT	VERTICAL EVENT POINT	⊕	LRB	ROCK, BOULDER	⊕	ISST	SPREAD SPECT. TRANSCEIVER	⊕	MEPS.P.T	EASEMENT, PERMANENT	⊕	TWZIA.P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)	⊕	UWM	WATER, METER		
○	AVHIGH	VERTICAL HIGH POINT	⊕	LSHC	SHRUB, CONIFEROUS	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	METS.P.T	EASEMENT, TEMPORARY	⊕	TWZLUM.P	LUMINAIRE (TEMPORARY)	⊕	UWMH	WATER, MANHOLE		
○	AVLOW	VERTICAL LOW POINT	⊕	LSHD	SHRUB, DECIDUOUS	⊕	ITP	SUBSURFACE TEMP. PROBE	⊕	METS.P.T	OCCUPANCY, TEMPORARY	⊕	TWZLUM.P	LUMINAIRE (TEMPORARY)	⊕	UWV	WATER, VALVE		
BRIDGE			⊕	LTC	TREE, CONIFEROUS	⊕	IVTRT	VEHICLE TO ROWY TRANSCEIVER	⊕	METS.P.T	OCCUPANCY, TEMPORARY	⊕	TWZSDT.P	SYMBOL, DIRECTION OF TRAFFIC	⊕	UWW	WATER, WELL		
			⊕	LTD	TREE, DECIDUOUS	⊕	IWIND	WEIGHT IN MOTION DETECTOR	⊕	METS.P.T	OCCUPANCY, TEMPORARY	⊕	TWZSDTD.P	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR	⊕	TWZSGN.P	SIGN (TEMPORARY)		
CONTROL			⊕	LTS	TREE, STUMP	⊕	IWVR	WIRELESS VIDEO REPEATER	⊕	MFS.P.T	FEE ACQUISITION W/O ACCESS	⊕	TWZSIG.P	SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY)	⊕	TWZWL.P	WARNING LIGHT		
			+	LUKP	UNKNOWN POINT	⊕	IWVRC	WIRELESS VIDEO RECEIVER	⊕	RES.P	ELEVATION, SPOT	⊕	TWZWV.P	WORK VEHICLE	⊕	TWZWVA.P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR		
△	CBP	BASELINE, POINT	1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED). 2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.). 3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES. 4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.015 in ON B SIZE DRAWINGS). 5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS. 6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.			⊕	IWVTT	WIRELESS VIDEO TRANSMITTER	⊕	RGA	GUIDE RAIL, ANCHOR	⊕	TWZWL.P	WARNING LIGHT	⊕	TWZWL.P	WARNING LIGHT		
○	CBPOL	BASELINE, POINT ON LINE				⊕	RGP	GUIDE POST, SINGLE	⊕	ROADWAY	⊕	TWZWL.P	WARNING LIGHT	⊕	TWZWL.P	WARNING LIGHT	⊕	TWZWL.P	WARNING LIGHT
⊙	CBSP	BASELINE, SPUR POINT				⊕	RES.P	ELEVATION, SPOT	⊕	ROADWAY	⊕	RGA	GUIDE RAIL, ANCHOR	⊕	TWZWL.P	WARNING LIGHT	⊕	TWZWL.P	WARNING LIGHT
⊗	CBTP	BASELINE, TIE POINT				⊕	RGA	GUIDE RAIL, ANCHOR	⊕	ROADWAY	⊕	RGP	GUIDE POST, SINGLE	⊕	TWZWL.P	WARNING LIGHT	⊕	TWZWL.P	WARNING LIGHT
⊕	CPBM	BENCHMARK				⊕	RGP	GUIDE POST, SINGLE	⊕	ROADWAY	⊕	RGP	GUIDE POST, SINGLE	⊕	TWZWL.P	WARNING LIGHT	⊕	TWZWL.P	WARNING LIGHT
⊕	CPH	POINT, HORIZ. PHOTOGRAMMETRY				⊕	ROADWAY	⊕	ROADWAY	⊕	RGP	GUIDE POST, SINGLE	⊕	RGP	GUIDE POST, SINGLE	⊕	TWZWL.P	WARNING LIGHT	⊕

SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	ROUTE 51			LEGEND POINT SYMBOLOGY	DRAWING NO. L-02
	UTILITY QUALITY LEVEL A				SHEET NO. 4
COUNTY: HERKIMER	REGION: 02				

PROJECT MANAGER

CHECK M. MAJECKI

DRAFTING

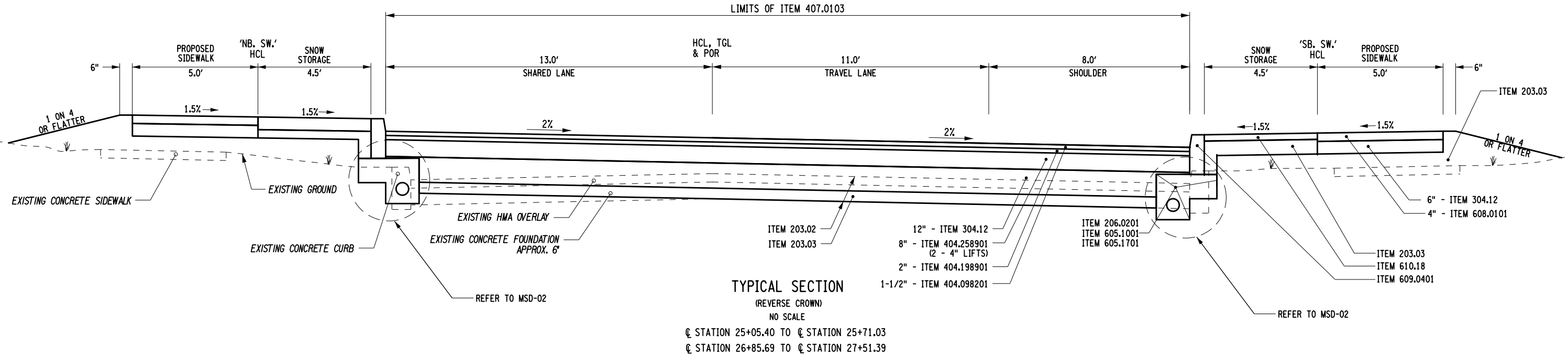
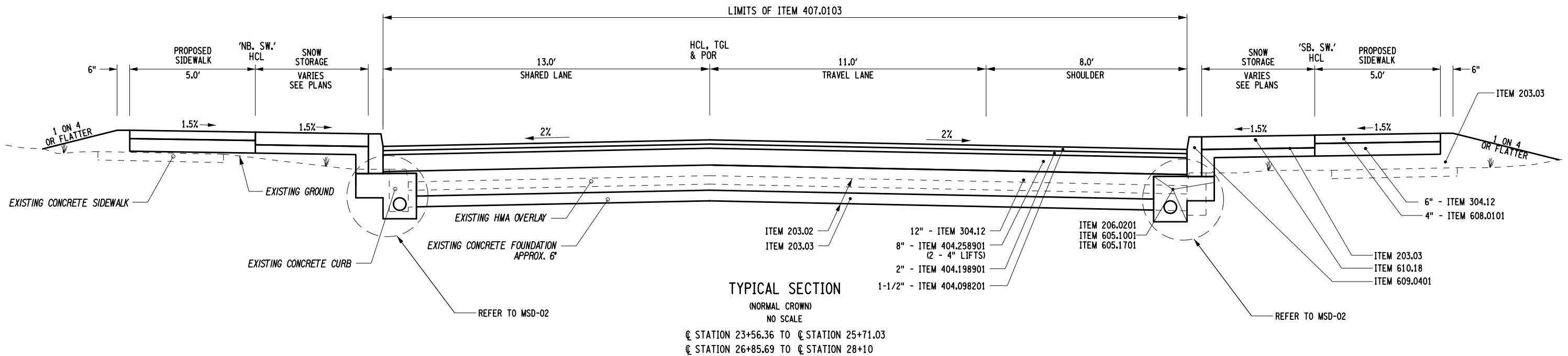
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DESIGN M. MAJECKI

JOB MANAGER C. DODGE

DESIGN SUPERVISOR J. TIBBITTS

FILE NAME = 200412-fec-typ_01
DATE/TIME = 12-OCT-2021 12:45
USER = mmajacki



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
203.02	UNCLASSIFIED EXCAVATION	CY	605.1001	UNDERDRAIN FILTER TYPE 2	CY	
203.03	EMBANKMENT IN PLACE	CY	605.1701	OPTIONAL UNDERDRAIN PIPE, 4 INCH DIAMETER	LF	
206.0201	TRENCH AND CULVERT EXCAVATION	CY	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	
304.12	SUBBASE COURSE, TYPE 2	CY	609.0401	CAST-IN-PLACE CONCRETE CURB TYPE VF150	LF	
404.098201	9.5 F2 WMA, 80 SERIES COMPACTION	TON	610.18	SODDING	SY	
404.198901	19 F9 WMA, 80 SERIES COMPACTION	TON				
404.258901	25 F9 WMA, 80 SERIES COMPACTION	TON				
407.0103	STRAIGHT TACK COAT	GAL				
418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	LF				

AFFIX SEAL: ON: _____

ALTERED BY: ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED TYPICAL SECTION	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02				DRAWING NO. TYP-1 SHEET NO. 5

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



PROJECT MANAGER

CHECK

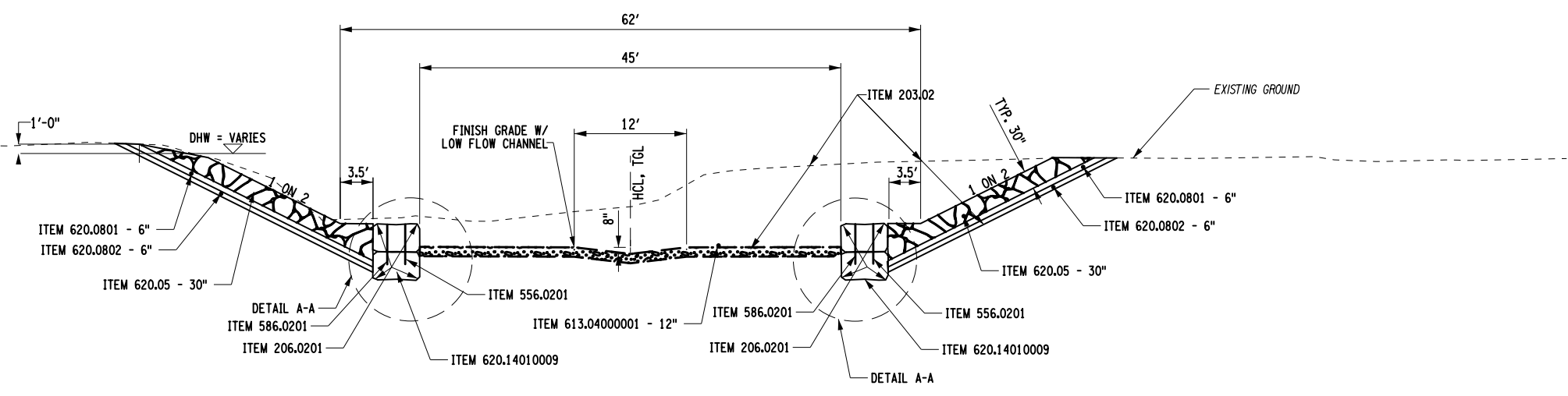
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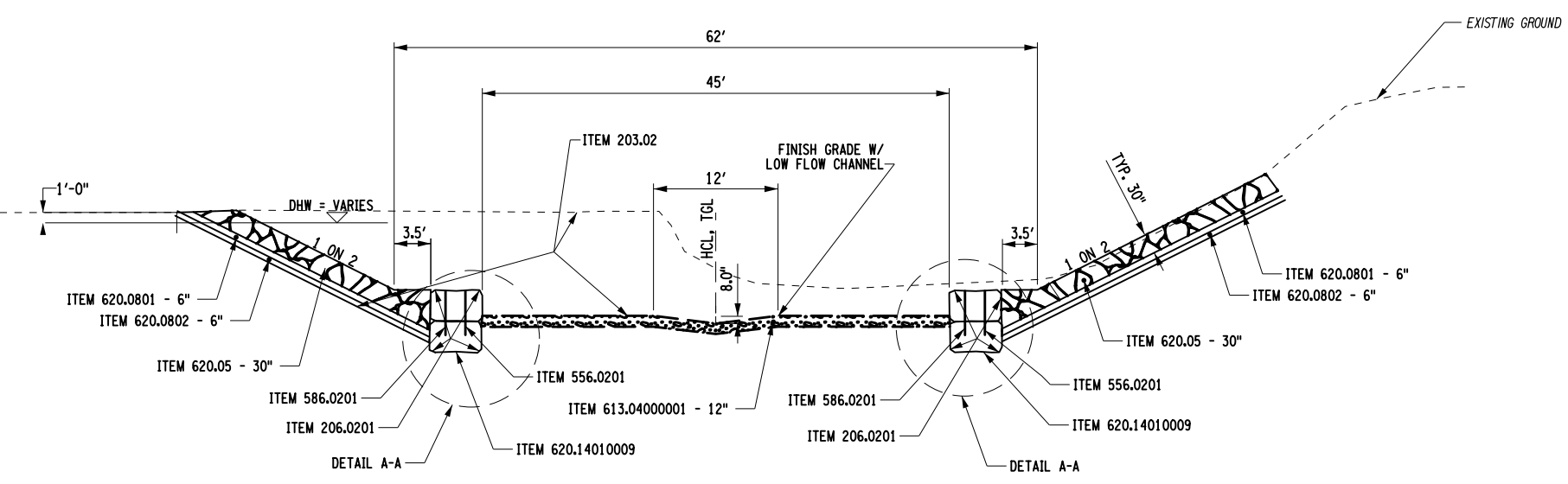
DESIGN M. MAJECKI

JOB MANAGER C. DODGE

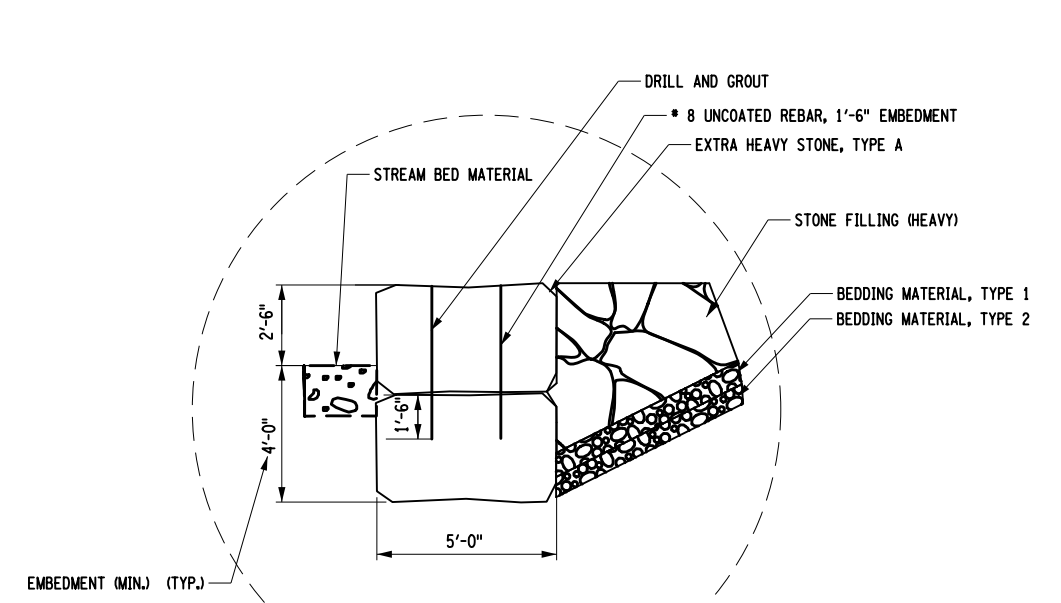
DESIGN SUPERVISOR J. TIBBITTS



DOWNSTREAM TYPICAL SECTION



UPSTREAM TYPICAL SECTION

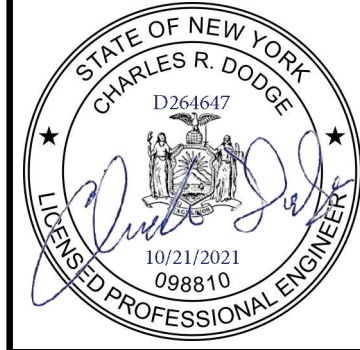


DETAIL A-A
NO SCALE

ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY				
206.0201	TRENCH AND CULVERT EXCAVATION	CY				
556.0201	*8 UNCOATED BAR REINFORCEMENT FOR CONCRETE STRUCTURES	LB				
586.0201	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	EA				
613.04000001	STOCKPILING AND PLACING EXISTING STREAM BED MATERIALS	CY				
620.05	STONE FILL (HEAVY)	CY				
620.0801	BEDDING MATERIAL, TYPE 1	CY				
620.0802	BEDDING MATERIAL, TYPE 2	CY				
620.14010009	EXTRA HEAVY STONE, TYPE A	CY				

AFFIX SEAL:
ON:

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
PIN 2004.12
ROUTE 51
COUNTY: HERKIMER REGION: 02

BRIDGES
1026490
CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
TYPICAL SECTION

CONTRACT NUMBER
D264647
DRAWING NO. TYP-2
SHEET NO. 6

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



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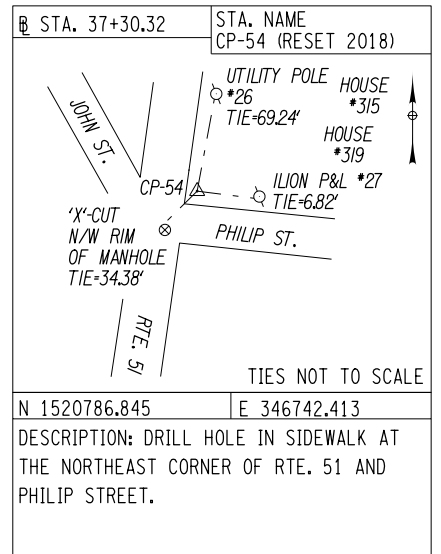
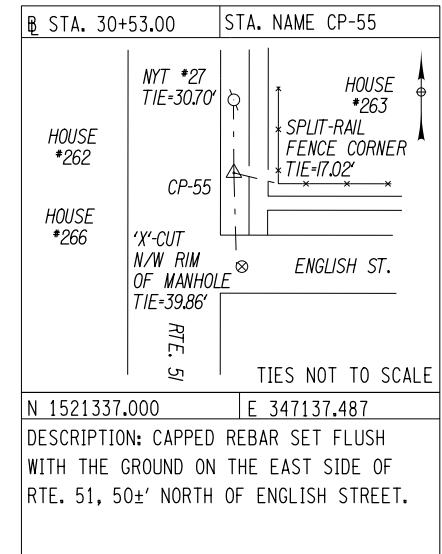
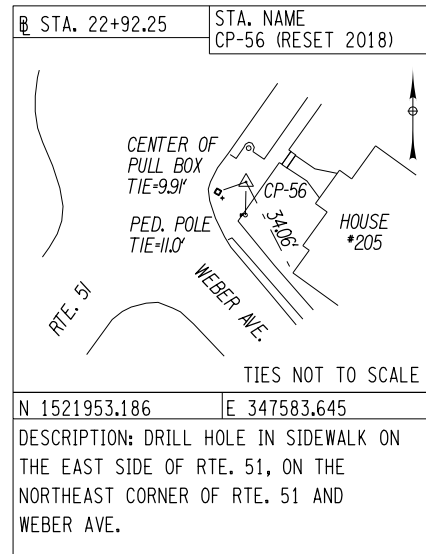
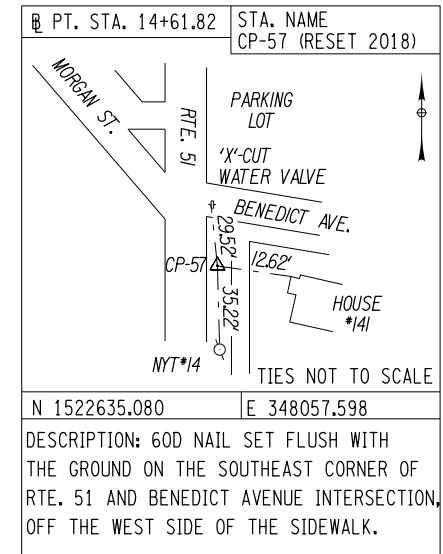
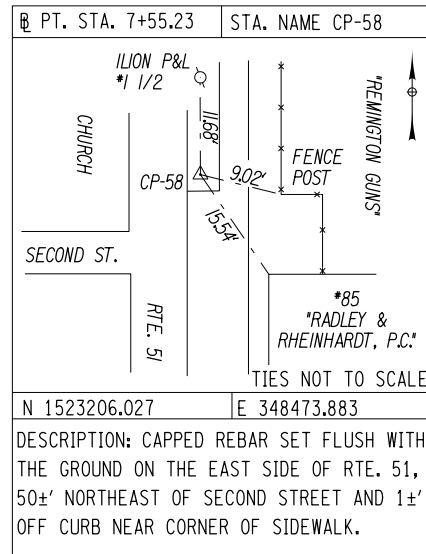


TABLE OF BENCHMARKS

NAME	DESCRIPTION	STATION (APPROX.)	OFFSET (FT)	ELEVATION (FT)
BM 4	TOP EAST CORNER OF TIMBER AROUND PLANTING BED AT THE INTERSECTION OF JOHN ST. AND RTE 51	⊕ 35+89	56 RIGHT	442.06
BM 5	BOX-CUT ON NORTHEAST CORNER OF THE WEST HEADWALL OF RTE. 51 BRIDGE OVER STEELE CREEK (BIN 1026490)	⊕ 26+08	51 RIGHT	430.56
BM 6	NORTHWEST CORNER OF BOTTOM STEP OF HOUSE #169 ON EAST SIDE OF RTE. 51	⊕ 18+34	6 LEFT	424.90
BM 7	X-CUT ON EAST BONNET BOLT OF HYDRANT #110 ON WEST SIDE OF RTE. 51 NEAR HOUSE #124	⊕ 13+02	38 RIGHT	425.47

SURVEY DATUM		THE COMBINED SCALE FACTOR IS A FUNCTION OF CONVERTING GEODETIC CONTROL DATA TO PLANIMETRIC DISTANCES AT SEA LEVEL.
HORIZONTAL	VERTICAL	
DATUM: NAD 83/96	DATUM: NAVD 88	THE COMBINED SCALE FACTOR FOR THIS SITE IS: 0.9999072976
NYSPCS ZONE: 3101 EAST	UNITS: FT	
UNITS: FT		A SURVEY CONTROL REPORT IS AVAILABLE FOR THE CONTRACTOR'S USE AT THE REGIONAL D.O.T. OFFICE, UNDER FILE NUMBER - F 3301.00-2 OR FROM PROJECTWISE, REGION 2, P.I.N. 2004.12, SURVEY FOLDER

AFFIX SEAL: ON: 10/20/2021
 ALTERED BY: ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	S.H. 5513 ILION VILLAGE: OTSEGO STREET	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED BASELINE TIES & BENCHMARKS	CONTRACT NUMBER D264647
	COUNTY: HERKIMER					REGION: 02

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.



PROJECT MANAGER: CHECK M. LANPHERE
 DRAFTING S. TUZZOLINO
 CHECK M. LANPHERE
 DESIGN S. TUZZOLINO
 JOB MANAGER C. DODGE
 DESIGN SUPERVISOR J. TIBBITTS
 FILE NAME = 200412_cph_blt-01.dgn
 DATE/TIME = 20-OCT-2021 10:19
 USER = mlanphere

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

STATION	OFFSET	FOUND SIZE/TYPE	REESTABLISHMENT RECORD
23+55.52	51.29' LEFT	RAILROAD SPIKE	
23+68.01	100.71' LEFT	IRON ROD	
24+82.20	223.67' LEFT	SOUND IN PAVEMENT	
25+06.72	235.52' LEFT	IRON PIPE	
25+46.07	6.34' LEFT	CAPPED IRON ROD "ANACKER"	
26+22.67	288.02' LEFT	CAPPED IRON ROD "MONCRIEF"	
26+43.12	243.93' LEFT	NAIL	
26+43.71	221.15' LEFT	CAPPED IRON ROD "ANACKER"	
26+90.40	259.43' LEFT	CAPPED IRON ROD "ANACKER"	
26+92.36	6.39' LEFT	IRON PIPE	
27+38.34	6.90' LEFT	IRON PIPE	
28+32.58	6.57' LEFT	CAPPED IRON ROD	
28+70.58	6.66' LEFT	CAPPED IRON ROD "TIEL"	
29+36.48	6.67' LEFT	IRON PIPE	
24+02.05	63.09' RIGHT	CAPPED IRON ROD "FIMMANO"	
24+17.32	50.47' RIGHT	CAPPED IRON ROD "FIMMANO"	
24+32.22	50.46' RIGHT	CAPPED IRON ROD "FIMMANO"	
24+97.92	51.00' RIGHT	CAPPED IRON ROD "HARVEY"	
25+56.18	185.70' RIGHT	CAPPED IRON ROD "HARVEY"	
25+19.91	211.47' RIGHT	CAPPED IRON ROD "ANACKER"	
24+89.28	227.55' RIGHT	FLAGGED REBAR	
24+68.14	237.65' RIGHT	CAPPED IRON ROD "TIEL"	
24+07.82	266.01' RIGHT	CAPPED IRON ROD "ANACKER"	
23+76.12	280.33' RIGHT	CAPPED IRON ROD "ANACKER"	
24+13.72	324.84' RIGHT	IRON PIPE	
24+63.46	291.31' RIGHT	IRON PIPE	
25+29.62	256.20' RIGHT	IRON PIPE	
27+43.00	51.36' RIGHT	IRON PIPE	
27+65.06	156.83' RIGHT	IRON PIPE	
27+73.15	196.56' RIGHT	IRON PIPE	
27+85.76	261.97' RIGHT	IRON PIPE	
27+96.01	316.32' RIGHT	IRON PIPE	
28+40.12	279.86' RIGHT	CAPPED IRON ROD "TIEL"	
28+31.15	234.75' RIGHT	IRON ROD	
28+22.34	187.64' RIGHT	CAPPED IRON ROD "TIEL"	
29+99.05	50.63' RIGHT	IRON PIPE	
31+60.00	50.90' RIGHT	IRON PIPE	

I am a Professional Land Surveyor or Exempt Professional Engineer who is licensed and registered to practice in New York State. I have performed or directed all the work under N.Y.S.D.O.T. Item 625 as directed by the Contractor, which are specifically required in the Specifications and in accordance with the Department's "Surveying Standards and Procedures Manual."

 Surveyor's Signature / Registration Number / Date

AFFIX SEAL:
 ON: 10/20/2021

ALTERED BY:
 ON:



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

S.H. 5513 ILION VILLAGE: OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 2004.12
 ROUTE 51

BRIDGES
 1026490

CULVERTS
 ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
 RIGHT OF WAY TABLES

CONTRACT NUMBER
 D264647
 DRAWING NO. RWT-1
 SHEET NO. 8

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



TABLE OF RIGHT OF WAY ACQUISITIONS

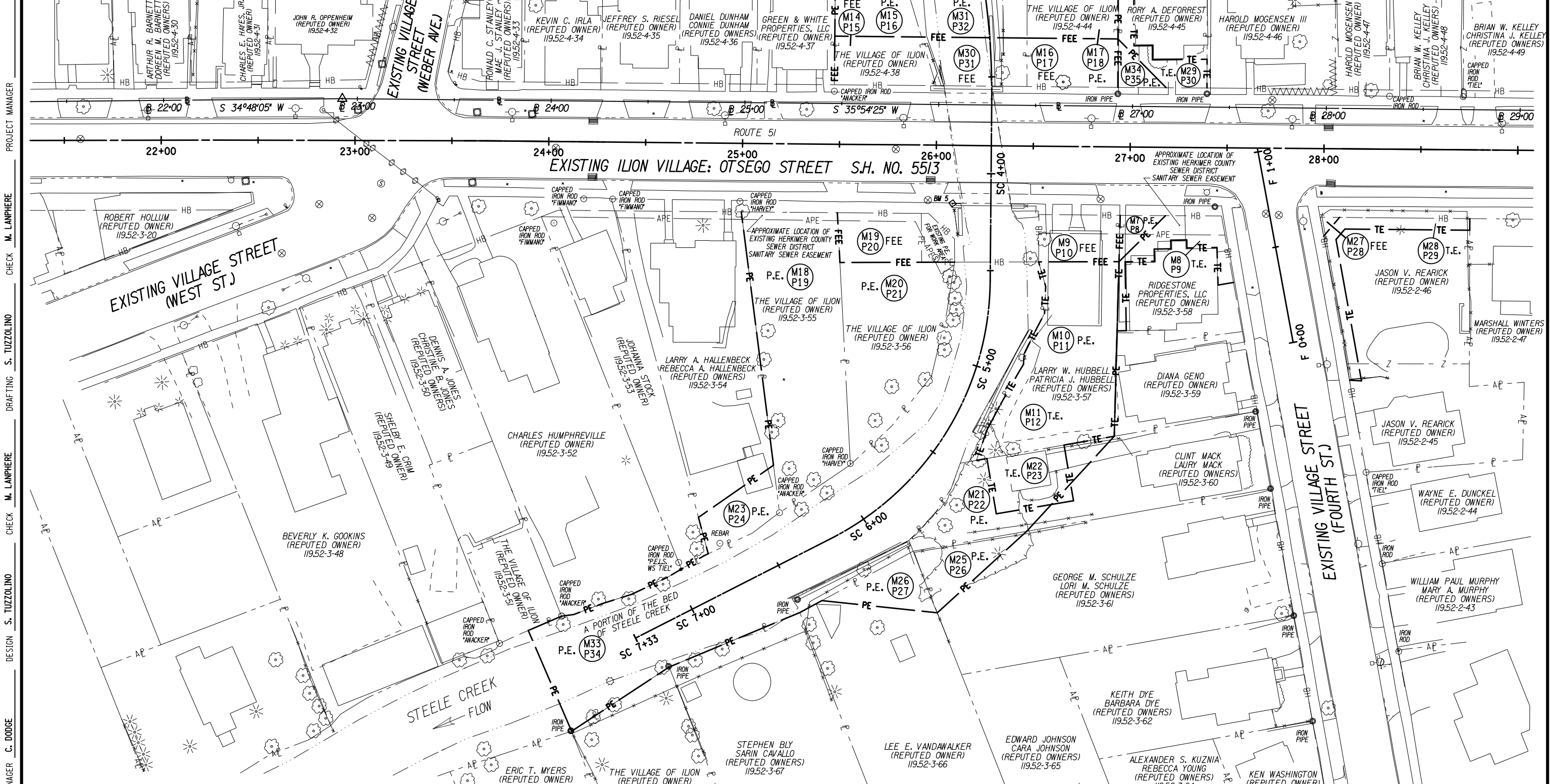
MAP NO(S).	PARCEL NO.(S)	TRN. NO.	REPUTED OWNER(S)	TYPE OF TAKE	DWG. NO.	REMARKS
7	8	1	RIDGESTONE PROPERTIES, LLC	P.E.		
8	9			T.E.		
9	10	2	LARRY W. HUBBELL	FEE		
10	11		PATRICIA J. HUBBELL	P.E.		
11	12			T.E.		
14	15	45	THE VILLAGE OF ILION	FEE		
15	16			P.E.		
16	17	43	THE VILLAGE OF ILION	FEE		
17	18			P.E.		
18	19	34	THE VILLAGE OF ILION	P.E.		
19	20	35	THE VILLAGE OF ILION	FEE		
20	21			P.E.		
21	22	21	CLINT MACK	P.E.		
22	23		LAURY MACK	T.E.		
23	24	3	LARRY A. HALLENBECK	P.E.		
			REBECCA A. HALLENBECK			
25	26	22	GEORGE M. SCHULZE	P.E.		
			LORI M. SCHULZE			
26	27	23	LEE E. VANDAWALKER	P.E.		
27	28	17	JASON V. REARICK	FEE		
28	29			T.E.		
29	30	5	RORY A. DEFORREST	T.E.		
34	35			P.E.		
30	31	44	BOARD OF EDUCATION OF	FEE		
31	32		ILION CENTRAL SCHOOL DISTRICT	P.E.		
32	33	9	RYAN P. BERNIER	P.E.		
33	34	N/A	A PORTION OF THE BED OF STEELE CREEK	P.E.		

R.O.W. MARKERS

NOTES: 1. DISCLAIMER THAT THE TABLE OF MONUMENTS IS FOR ESTIMATION PURPOSES ONLY. ALL MONUMENTS SHALL BE PLACED IN ACCORDANCE WITH RIGHT-OF-WAY APPROPRIATION MAPS.
 2. WHEN WORK IS COMPLETED UNDER THIS SECTION, THE CONTRACTOR SHALL PROVIDE A SIGNED COPY OF THIS SHEET TO THE EIC AT THE COMPLETION OF THE PROJECT.

STATION	OFFSET	ITEM 625.03	ITEM 625.04	ITEM 625.05
24+99±	RIGHT			1
25+17±	RIGHT			1
24+78±	RIGHT			1
24+83±	RIGHT			1
23+91±	RIGHT			1
25+42±	RIGHT			1
26+02±	RIGHT			1
26+48±	RIGHT			1
26+92±	RIGHT			1
26+94±	RIGHT			1
26+94±	RIGHT			1
27+18±	RIGHT			1
25+48±	RIGHT			1
25+50±	RIGHT			1
27+99±	RIGHT			1
28+07±	RIGHT			1
25+46±	LEFT			1
25+46±	LEFT			1
25+46±	LEFT			1
25+70.58	LEFT			1
25+70±	LEFT			1
26+47.45	LEFT			1
26+80.66	LEFT			1
26+99.67	LEFT			1
27+14±	LEFT			1
26+92±	LEFT			1
26+92±	LEFT			1
27+17±	LEFT			1

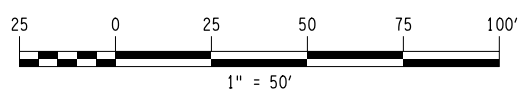
MATCH TO SHEET 2



PROJECT MANAGER: M. LANPHERE
 CHECK: M. LANPHERE
 DRAFTING: S. TUZZOLINO
 CHECK: M. LANPHERE
 DESIGN: S. TUZZOLINO
 JOB MANAGER: C. DODGE
 DESIGN SUPERVISOR: J. TIBBITTS

AFFIX SEAL: ON: 10/20/2021

ALTERED BY: ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	S.H. 5513 ILION VILLAGE: OTSEGO STREET	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	ROUTE 51				
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.					RIGHT OF WAY PLANS	DRAWING NO. RWP-1
SHEET 1 OF 2						SHEET NO. 9



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 DATE/TIME = 20-OCT-2021 06:32
 USER = mlanphere

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

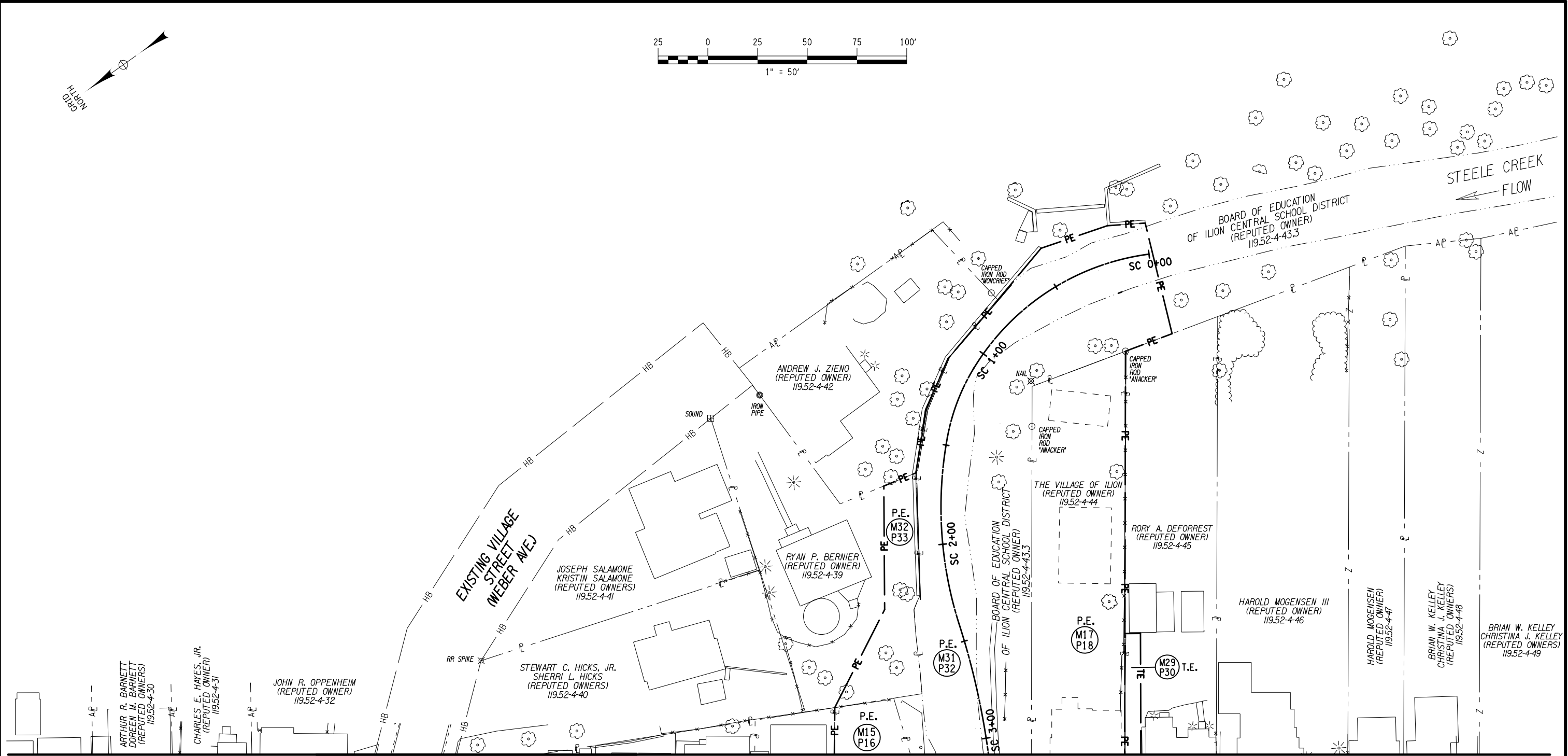
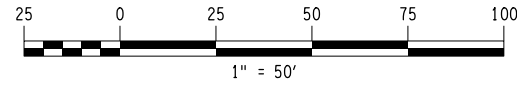
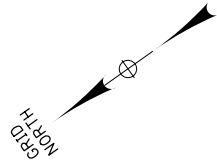
DESIGN S. TUZZOLINO

CHECK M. LANPHERE

DRAFTING S. TUZZOLINO

CHECK M. LANPHERE

PROJECT MANAGER



AFFIX SEAL: ON: 10/20/2021
 ALTERED BY: ON:



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

S.H. 5513 ILION VILLAGE: OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 2004.12
 ROUTE 51

BRIDGES
 1026490

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 RIGHT OF WAY PLANS
 SHEET 2 OF 2

CONTRACT NUMBER
 D264647
 DRAWING NO. RWP-2
 SHEET NO. 10

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WORK ZONE TRAFFIC CONTROL NOTES

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGHOUT THE LENGTH AND DURATION OF THE CONTRACT IN ACCORDANCE WITH THE MOST RECENT NYS DOT STANDARD SPECIFICATION - SECTION 619 WORK ZONE TRAFFIC CONTROL, THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE NYS SUPPLEMENT TO THE NATIONAL MUTCD, THE WORK ZONE TRAFFIC CONTROL DETAILS IN THE PLANS AND PROPOSAL, SECTION 619 OF THE NYS DOT STANDARD SPECIFICATIONS OR AOB.E.
2. FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS NOT SPECIFIED IN THE PLANS, THE PROVISIONS OF THE 2009 NATIONAL MUTCD AND NYS SUPPLEMENT TO THE NATIONAL MUTCD SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PLANS ARE TO BE CONSIDERED MINIMUM STANDARDS. WHERE OPTIONS EXIST FOR SIGN SHAPE, THE DIAMOND SHAPE SHALL BE USED.
3. PRIOR TO THE START OF ANY CONSTRUCTION PHASE, ALL PROPOSED WORK ZONE TRAFFIC CONTROL RELATED WORK FOR THAT PHASE, AS DETERMINED BY THE ENGINEER, SHALL BE COMPLETE. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL SIGNS, SIGNALS, PAVEMENT MARKINGS, BARRIERS, DELINEATION (CONES, DRUMS, ETC.) AND ANY OTHER RELATED WORK.

SIGNS

1. THE CONTRACTOR SHALL INSTALL ROAD WORK WARNING SIGNS (W20-1) ON ALL INTERSECTING ROADS AS SHOWN IN THE MUTCD, ON THE PROJECT PLANS, AND AS DIRECTED BY THE ENGINEER. SIGN PLACEMENT SHALL BE IN ACCORDANCE WITH TABLE 6C-1 AND FIGURE 6F-1 IN THE MUTCD, STANDARD SHEET 645-03, AND THE NYS SUPPLEMENT.
2. CONTRACTOR SHALL NOT PLACE ANY CONSTRUCTION SIGNS IN A MANNER THAT MAY CONFLICT OR OBSCURE EXISTING SIGNS.
3. W8-1 'BUMP' SIGNS SHALL BE PLACED ON ALL APPROACHES 200 FT AHEAD OF A BUMP OR DIP IN THE PAVEMENT CAUSED BY CONSTRUCTION OPERATIONS SUCH AS ROAD PLATES, MILLING PAVEMENT TERMINATION, ETC. NUMEROUS BUMPS OR DIPS SHALL WARRANT THE USE OF W8-8 'ROUGH ROAD' SIGNS INSTEAD OF W8-1 'BUMP' SIGNS. A W8-15 'GROOVED PAVEMENT' SIGN SHALL PRECEDE MILLED AREAS THAT CONSTITUTE MORE THAN AN ISOLATED BUMP. THE COST OF THE W8 SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
4. IF ADVANCE SIGNING OBSTRUCTS THE VISIBILITY OF THE FLAGGER OR CONFLICTS WITH DRIVEWAYS OR SIDE ROADS, SIGNS SHOULD BE MOVED UPSTREAM AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL TRIM ANY FOLIAGE OBSTRUCTING THE VISIBILITY OF SIGNS. WHETHER PERMANENT TEMPORARY OR CONSTRUCTION, NEEDED FOR THE WORK ZONE TRAFFIC CONTROL AS DETERMINED BY THE ENGINEER. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
6. ANY CONSTRUCTION SIGNS DEEMED NECESSARY BY THE ENGINEER AND ARE NOT IN THE PLAN OR PROPOSAL, SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
7. ALL SIGNS NECESSARY FOR WORK ZONE TRAFFIC CONTROL (INCLUDING RELOCATION AND/OR MODIFICATION AND/OR RESTORATION OF EXISTING SIGN PANELS) AS NOTED IN THE PLANS, STANDARD SPECIFICATIONS, MUTCD, THE NYS SUPPLEMENT OR AOB.E SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
8. R9-9 (SIDEWALK CLOSED) SIGNS SHALL BE MOUNTED ON TYPE III CONSTRUCTION BARRICADES, AS DIRECTED BY THE ENGINEER.

CHANNELIZING DEVICES

1. WHERE POSSIBLE ALL CHANNELIZING/DELINEATION DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM OF 2' CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE CERTAIN THAT PLACEMENT OF CONES, DRUMS AND MARKERS, OR BARRICADES SHALL NOT INTERFERE WITH SIGHT DISTANCE. DEVICES ALLOWABLE SHALL BE PER EACH TRAFFIC CONTROL PLAN AS DETAILED.
2. LONGITUDINAL SPACING SHALL BE 1' FOR EVERY MPH OF THE SPEED LIMIT, BUT NOT MORE THAN 40', I.E. 40 MPH = 40' SPACING. REDUCED SPACING MAY BE REQUIRED AS SHOWN ON PLANS OR A.O.B.E. ALL INTERSECTIONS AND DRIVEWAYS SHALL BE CHANNELIZED AT 5' SPACING.
3. A DRUM MOUNTED WITH A TYPE B FLASHING HIGH INTENSITY WARNING LIGHT SHALL BE PLACED ON ALL APPROACHES TO A BUMP OR DIP IN THE PAVEMENT (A PAVEMENT CONDITION CONSIDERED BY THE ENGINEER TO BE SUFFICIENTLY ABRUPT ENOUGH TO CAUSE CONSIDERABLE DISCOMFORT, CARGO SHIFTING, OR DEFLECTION OF A VEHICLE FROM ITS TRUE COURSE AT PREVAILING DRIVING SPEEDS). THE COST OF THESE DRUMS AND LIGHTS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
4. WHERE POSSIBLE A LATERAL BUFFER SPACE OF 1' SHOULD BE PROVIDED BETWEEN THE WORK ZONE AND THE LINE OF DELINEATION DEVICES.
5. DRUMS SHALL BE USED FOR ANY LANE CLOSURES OR SHOULDER CLOSURES WHICH ARE TO REMAIN OVERNIGHT.

TEMPORARY CONCRETE BARRIER

1. TEMPORARY CONCRETE BARRIER (TCB) SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS OR A.O.B.E. AND IN ACCORDANCE WITH THE APPROPRIATE TCB STANDARD SHEET OR APPROVED DRAWINGS.
2. WHERE TAPERED END SECTIONS ARE USED ON APPROACHES, THE FIRST FULL HEIGHT SECTION OF BARRIER SHALL BE A MINIMUM OF 12' OFFSET FROM EDGE OF TRAVEL LANE. GREATER OFFSETS (UP TO THE CLEAR ZONE) FOR EACH LOCATION SHOULD BE OBTAINED WHERE TOPOGRAPHY, CONSTRUCTION, ETC. ALLOW. THE TCB FLARE RATE SHALL BE IN ACCORDANCE WITH 619-3.12 OF STANDARD SPECIFICATION AS MODIFIED BY E1 08-017 AND E1 11-016.
3. ON APPROACHES TO TCB, BLUNT BARRIER ENDS SHALL BE PROTECTED.

LANE CLOSURES

1. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
2. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.

MISCELLANEOUS

1. THE CONTRACTOR SHALL COORDINATE THEIR WORK WITH ANY SUBCONTRACTORS, PUBLIC MAINTENANCE, OR UTILITIES OPERATIONS IN THE PROJECT AREA TO ENSURE PROPER MAINTENANCE OF TRAFFIC.
2. IN ACCORDANCE WITH SECTION 107-05(F) OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL COMPLETELY ENCLOSE, BY SAFETY WIRE FENCE, ALL POTENTIALLY HAZARDOUS LOCATIONS. PAYMENT FOR INSTALLATION AND REMOVAL OF THIS ITEM SHALL BE INCLUDED IN THE BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL, ITEM 619.01.
3. THE CONTRACTOR SHALL MAINTAIN DRIVEWAY OPENINGS THROUGHOUT THE DURATION OF THE PROJECT.
4. REFER TO NYS DOT STANDARD SHEETS FOR ADDITIONAL WORK ZONE TRAFFIC CONTROL DETAILS.

PROJECT MANAGER

CHECK

DRAFTING

CHECK

DESIGN M. MAJECKI

JOB MANAGER C. DODGE

DESIGN SUPERVISOR J. TIBBITTS

AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 ROUTE 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED WORK ZONE TRAFFIC NOTES	CONTRACT NUMBER D264647
						DRAWING NO. WZN SHEET NO. 11

COUNTY: HERKIMER	REGION: 02
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

FILE NAME = 200412.WZTC-01.dgn
 DATE/TIME = 19-OCT-2021 09:30
 USER = mma,jeck1

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

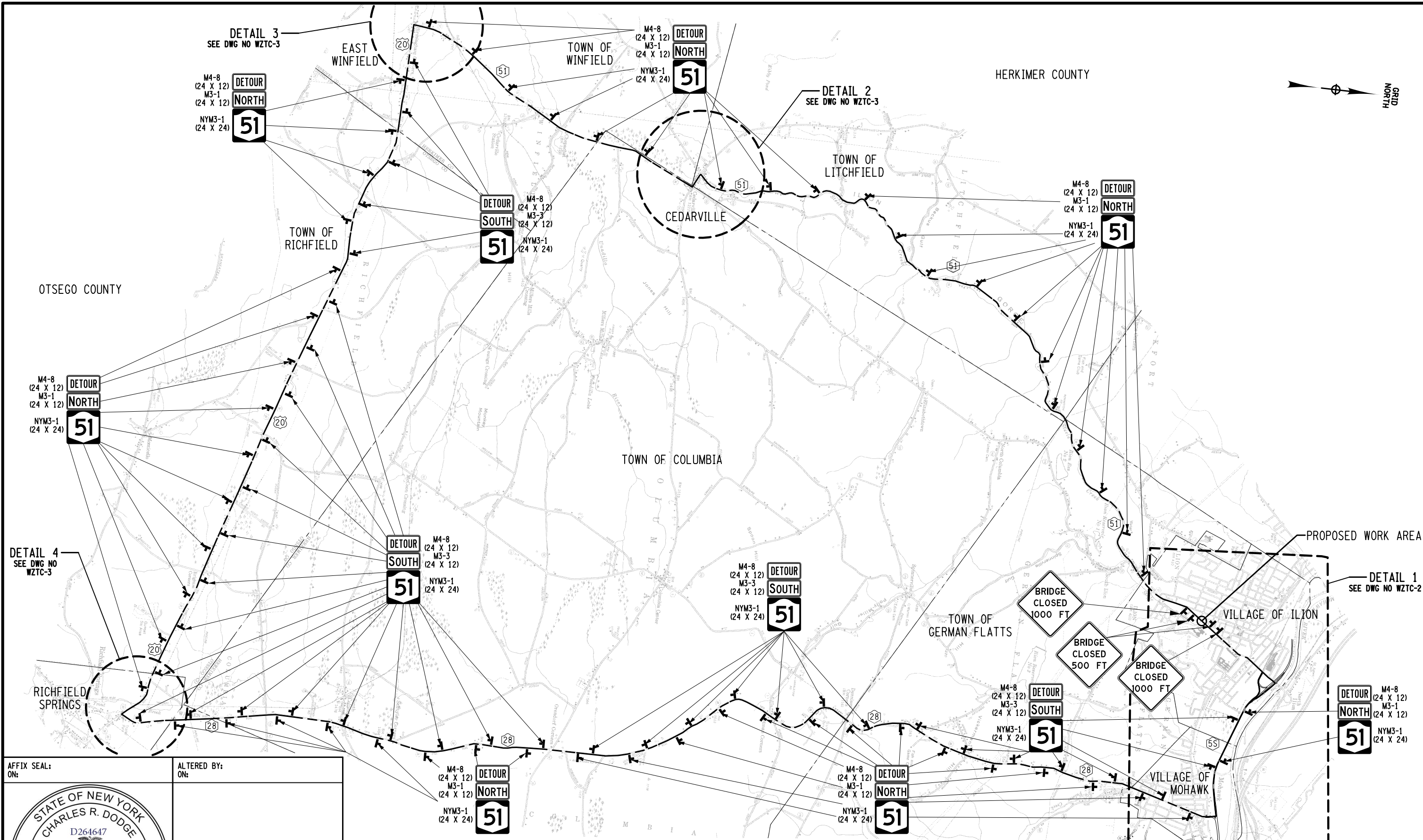
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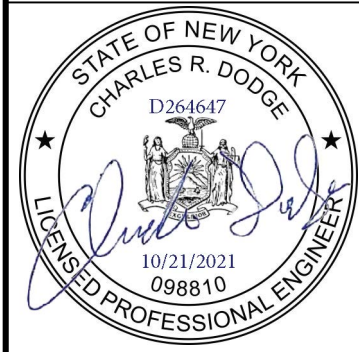
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PROJECT MANAGER



AFFIX SEAL: ON: ALTERED BY: ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51	UTILITY QUALITY LEVEL A		WORK ZONE TRAFFIC CONTROL 1 OF 4	DRAWING NO. WZTC - 1
	COUNTY: HERKIMER	REGION: 02				SHEET NO. 12

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



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 USER = mmajeccki

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

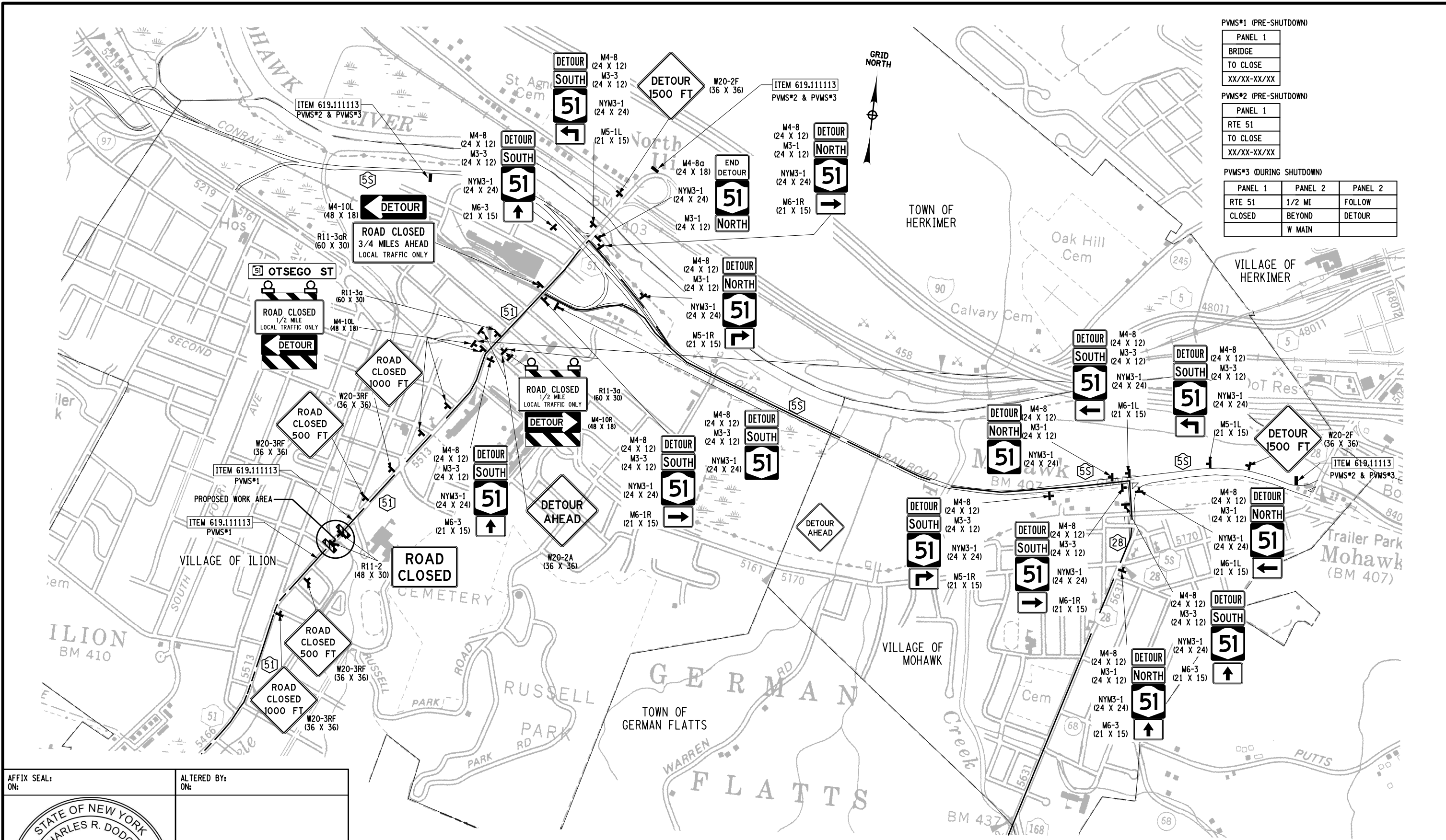
DESIGN M. MAJECKI

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PROJECT MANAGER



PVMS*1 (PRE-SHUTDOWN)

PANEL 1
BRIDGE
TO CLOSE
XX/XX-XX/XX

PVMS*2 (PRE-SHUTDOWN)

PANEL 1
RTE 51
TO CLOSE
XX/XX-XX/XX

PVMS*3 (DURING SHUTDOWN)

PANEL 1	PANEL 2	PANEL 2
RTE 51	1/2 MI	FOLLOW
CLOSED	BEYOND	DETOUR
	W MAIN	

AFFIX SEAL: ON: _____

ALTERED BY: ON: _____

AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET

PIN 2004.12
 ROUTE 51
 UTILITY QUALITY LEVEL A

COUNTY: HERKIMER REGION: 02

BRIDGES 1026490

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

WORK ZONE TRAFFIC CONTROL
 2 OF 4

CONTRACT NUMBER
 D264647

DRAWING NO. WZTC - 2
 SHEET NO. 13

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

FILE NAME = 200412.WZTC.03.dgn
 DATE/TIME = 19-OCT-2021 11:13
 USER = mmajec

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

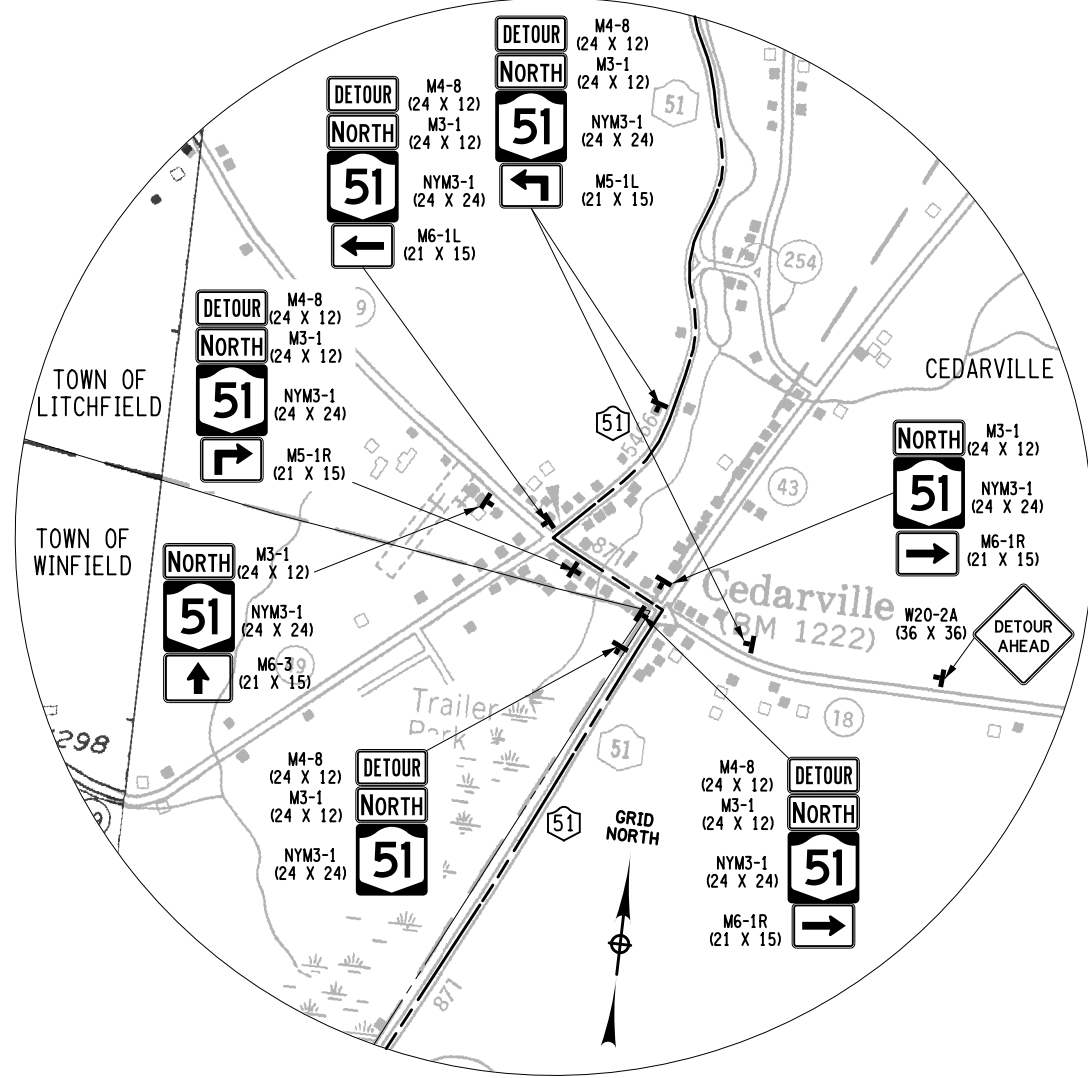
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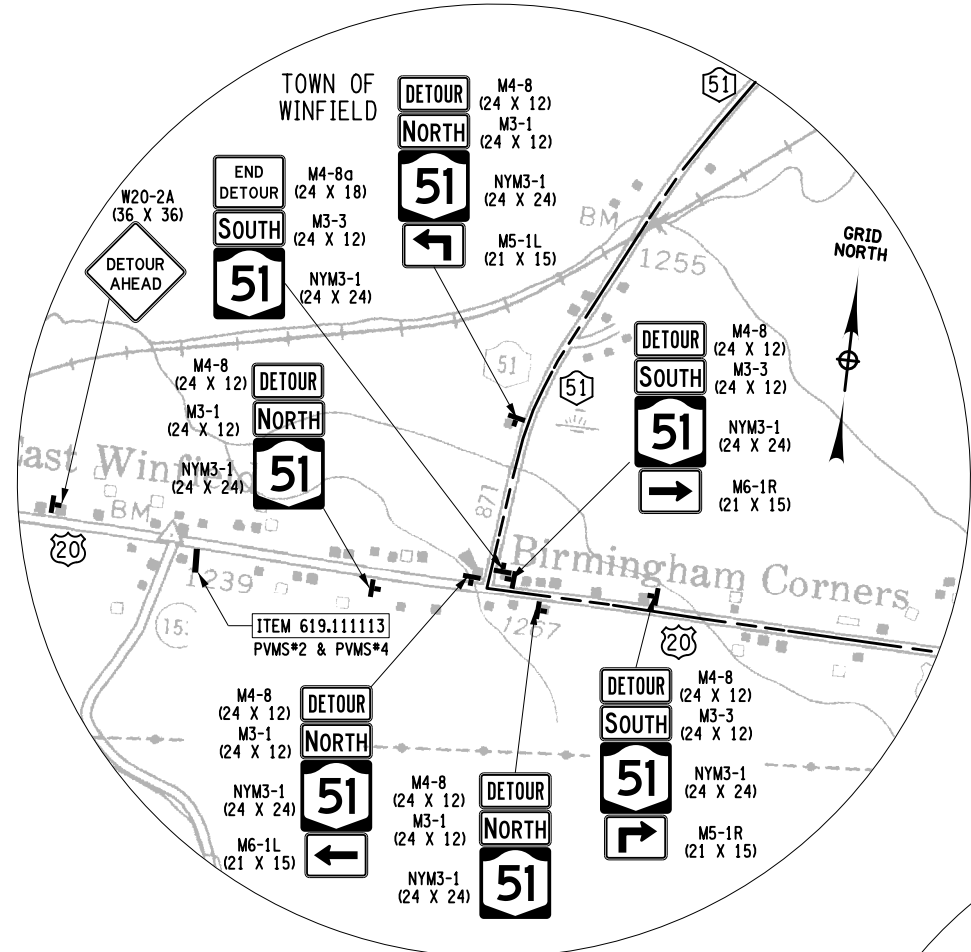
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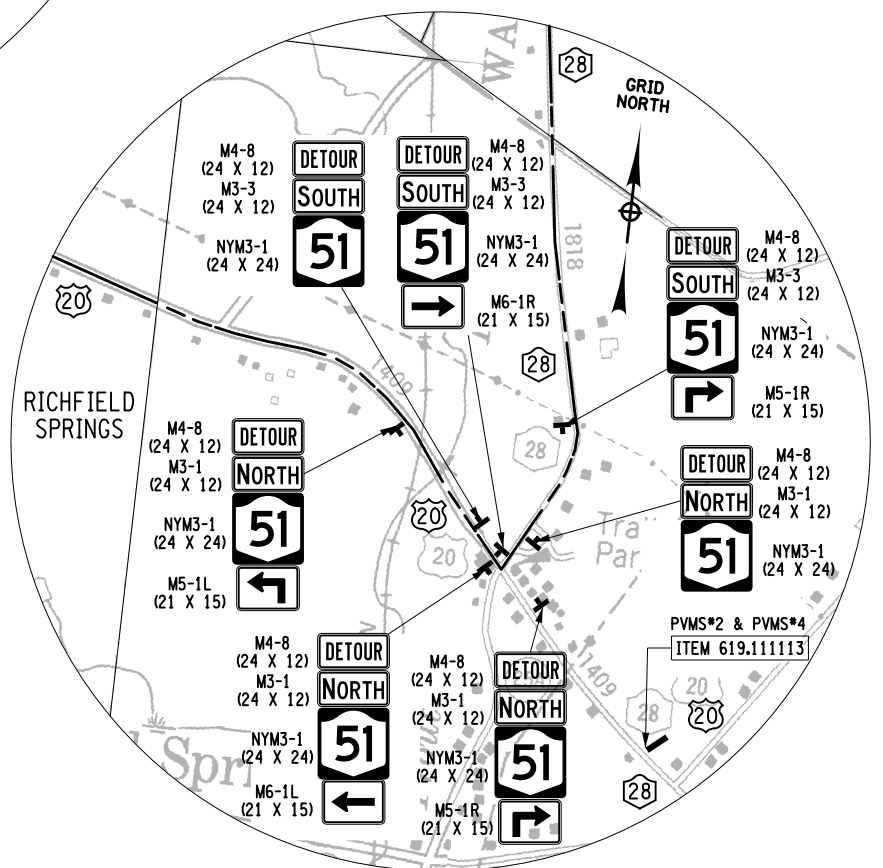
PROJECT MANAGER



DETAIL 2



DETAIL 3



DETAIL 4

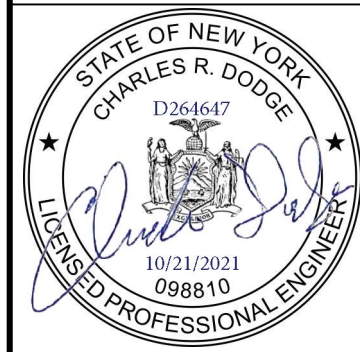
PVMS*2 (PRE-SHUTDOWN)

PANEL 1
RTE 51
TO CLOSE
XX/XX-XX/XX

PVMS*4 (DURING SHUTDOWN)

PANEL 1	PANEL 2
RTE 51	FOLLOW
CLOSED	DETOUR
ILION	

AFFIX SEAL: ON: ALTERED BY: ON:



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
PIN 2004.12
ROUTE 51
UTILITY QUALITY LEVEL A
COUNTY: HERKIMER
REGION: 02

BRIDGES	1026490
CULVERTS	

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 WORK ZONE TRAFFIC CONTROL
 3 OF 4

CONTRACT NUMBER
 D264647
 DRAWING NO. WZTC - 3
 SHEET NO. 14

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



FILE NAME = 200412_MRN_WRK
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 USER = mmajec1

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

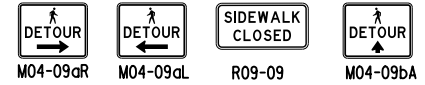
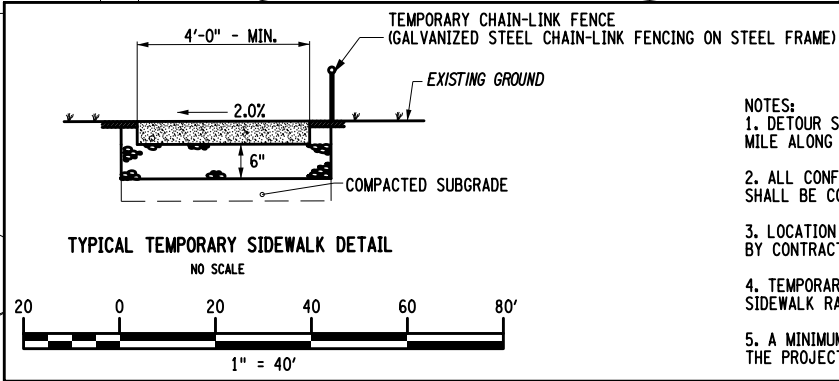
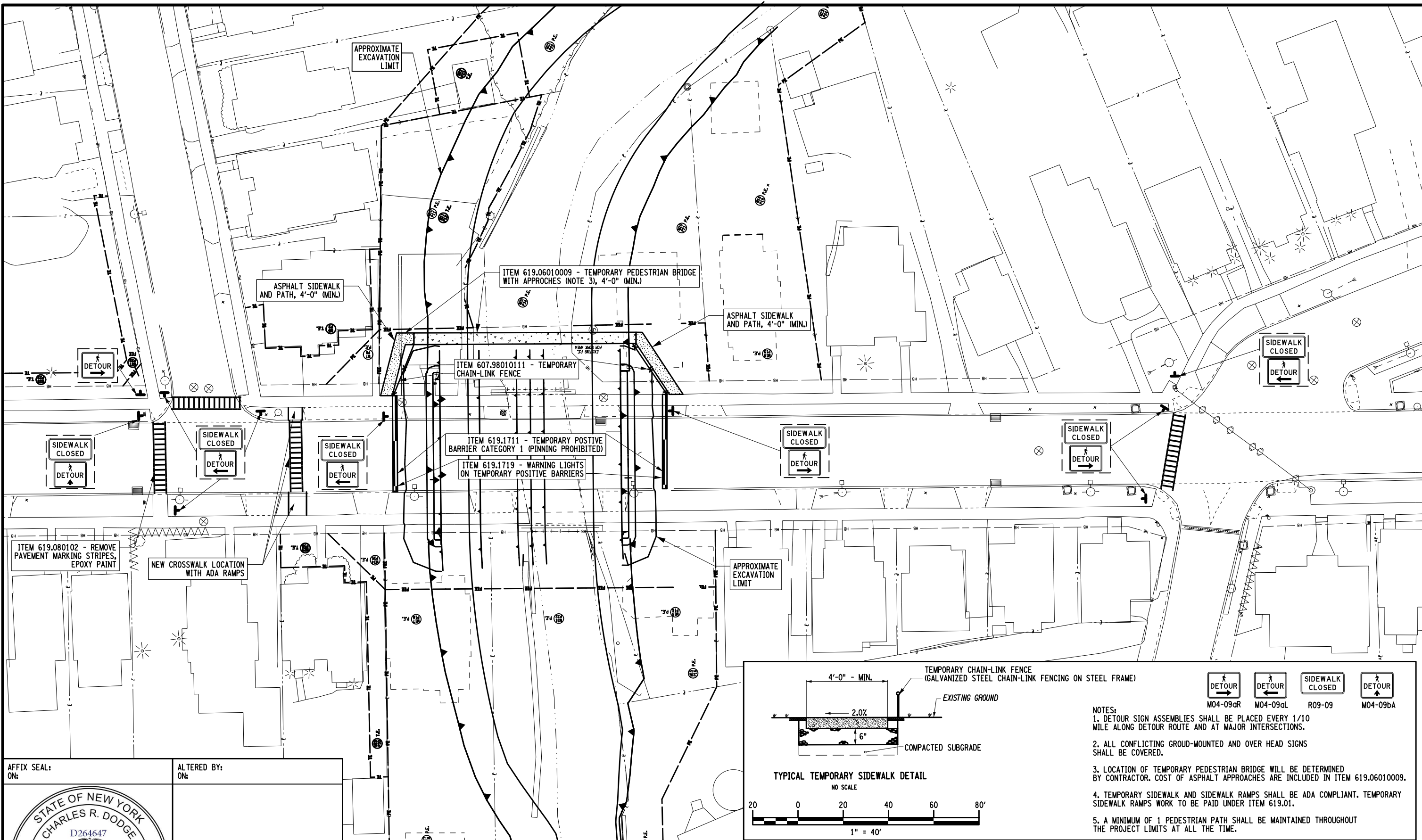
DESIGN M. MAJECKI

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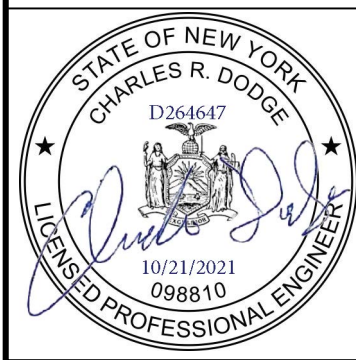
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PROJECT MANAGER



- NOTES:
- DETOUR SIGN ASSEMBLIES SHALL BE PLACED EVERY 1/10 MILE ALONG DETOUR ROUTE AND AT MAJOR INTERSECTIONS.
 - ALL CONFLICTING GROUND-MOUNTED AND OVER HEAD SIGNS SHALL BE COVERED.
 - LOCATION OF TEMPORARY PEDESTRIAN BRIDGE WILL BE DETERMINED BY CONTRACTOR. COST OF ASPHALT APPROCHES ARE INCLUDED IN ITEM 619.06010009.
 - TEMPORARY SIDEWALK AND SIDEWALK RAMPS SHALL BE ADA COMPLIANT. TEMPORARY SIDEWALK RAMPS WORK TO BE PAID UNDER ITEM 619.01.
 - A MINIMUM OF 1 PEDESTRIAN PATH SHALL BE MAINTAINED THROUGHOUT THE PROJECT LIMITS AT ALL THE TIME.

AFFIX SEAL: ON: ALTERED BY: ON:



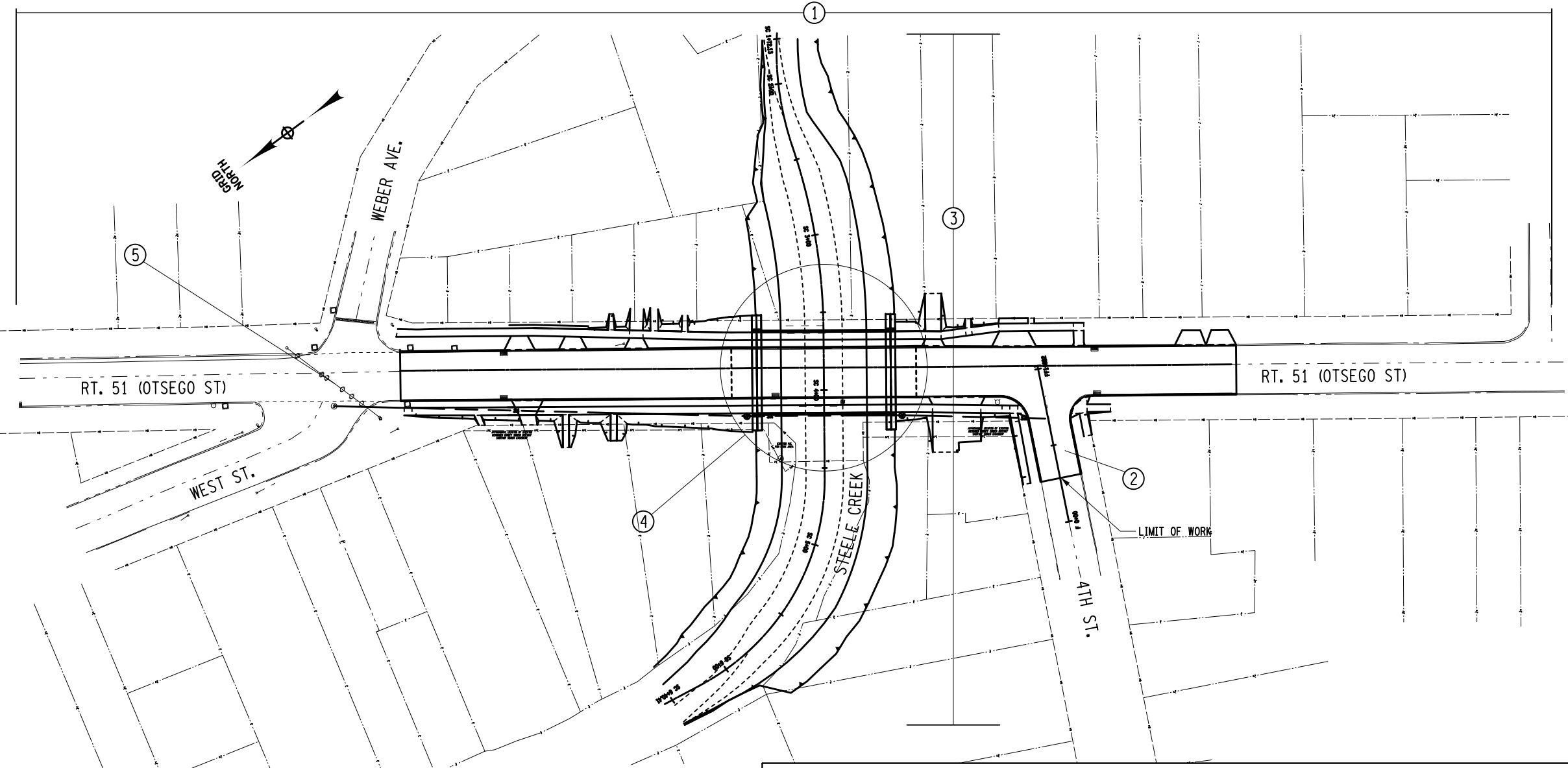
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51	UTILITY QUALITY LEVEL A		WORK ZONE TRAFFIC CONTROL 4 OF 4	DRAWING NO. WZTC - 4 SHEET NO. 15
	COUNTY: HERKIMER	REGION: 02				

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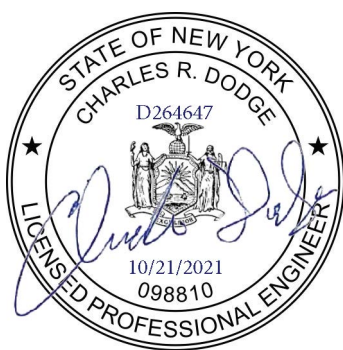
PROJECT MANAGER
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 DRAFTING
 CHECK
 DESIGN M. MAJECKI
 JOB MANAGER
 DESIGN SUPERVISOR C. DODGE



ALL EXISTING SANITARY SEWERS AND OTHER SEWERS NOT DEEMED TO BE PART OF THE PROJECT BY THE COMMISSIONER, WATERMANS, HYDRANTS AND OTHER MUNICIPALLY OR PRIVATELY OWNED FACILITIES WITHIN THE LIMITS OF THE HIGHWAY ROW WHICH REMAIN IN SERVICE UNCHANGED, AND ALL SUCH FACILITIES RELOCATED OR PROTECTED AS A PART OF THE WORK PERFORMED UNDER THIS PROJECT, WHETHER CROSSING, LOCATED WITHIN OR ADJACENT TO THE ROW, SHALL BE MAINTAINED AS THE CASE MAY BE, BY THE MUNICIPALITY OR BY THE AGENCY OR UNIT OWNING OR HAVING CONTROL AND JURISDICTION THEREOF AT NO COST OR EXPENSE TO THE STATE.

TABLE OF MAINTENANCE JURISDICTION

PART NO.	HIGHWAY	LIMITS	FEATURES TO BE MAINTAINED	¢ MILES	LANE MILES	AGENCY	AUTHORITY FOR MAINTENANCE JURISDICTION
1	SH 5513	¢ STA 21+00.00 to ¢ STA 31+00.00	PAVEMENT BETWEEN CURBLINE & NEW STORM DRAINAGE SYSTEMS	0.189	0.379	NEW YORK STATE	HIGHWAY LAW SECTION 12 & 46
1	SH 5513	¢ STA 21+00.00 to ¢ STA 31+00.00	EXISTING STORM DRAINAGE SYSTEMS, CURBS, SIDEWALK, WATERMANS, ELECTRICAL SYSTEMS, VILLAGE SANITARY SEWERS, AND LANDSCAPING	0.189	0.379	VILLAGE OF ILION	HIGHWAY LAW SECTION 46
1	SH 5513	¢ STA 21+00.00 to ¢ STA 31+00.00	HERKIMER COUNTY SANITARY SEWER SYSTEM	0.189	0.379	HERKIMER COUNTY	HIGHWAY LAW SECTION 10-24
2	4TH STREET	EXTENSION OF CURBLINE TO LIMIT OF WORK	PAVEMENT, CURB, SIDEWALK, STORM DRAINAGE SYSTEM AND LANDSCAPING	0.010	0.021	VILLAGE OF ILION	HIGHWAY LAW SECTION 10 SUBDIVISION 25
3	STEELE CREEK	SC 1+72.13 TO SC 6+40.41	CREEK CHANNEL AND BANKS WITHIN ROW AND PE TAKING LINES	0.150	N/A	NEW YORK STATE	HIGHWAY LAW SECTION 46
4	BRIDGE OVER STEELE CREEK	ENTIRE PROPER STATIONS BEGINNING & ENDING STRUCTURE	ENTIRE STRUCTURE	0.016	0.031	NEW YORK STATE	HIGHWAY LAW SECTIONS 12 & 233
1	SH 5513	¢ STA 21+00.00 to ¢ STA 31+00.00	SNOW REMOVAL	0.189	0.379	NEW YORK STATE	HIGHWAY LAW SECTION 12
2	4TH STREET	EXTENSION OF CURBLINE TO LIMIT OF WORK	SNOW REMOVAL	0.010	0.021	VILLAGE OF ILION	HIGHWAY LAW SECTION 46
5	SH 5513 & WEST ST	INTERSECTION	TRAFFIC SIGNAL	N/A	N/A	NEW YORK STATE	HIGHWAY LAW SECTION 12



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 ROUTE 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED MAINTENANCE JURISDICTION PLAN	CONTRACT NUMBER D264647
	COUNTY: HERKIMER					REGION: 02



FILE NAME = 200412_cph_mst_01
 DATE/TIME = 12-OCT-2021 13:57
 USER = mmajack

DESIGN SUPERVISOR: J. TIBBITTS

JOB MANAGER: C. DODGE

DESIGN: M. MAJECKI

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PROJECT MANAGER


TABLE OF CURBING

STATION TO	STATION	LENGTH (ft)	RADIUS (ft)	UNCLASSIFIED EXCAVATION AND DISPOSAL (CY)	SUBBASE COURSE, TYPE 2 (CY)	PCC FOUNDATION FOR PAVEMENT, CLASS C (CY)	SAWCUTTING PCC AND COMPOSITE PAVEMENT (LF)	SAWCUTTING CURB (LF)	CAST-IN-PLACE CONCRETE CURB TYPE VF150 (LF)	NOTES
23+56.3 19.12' R	24+00 19.12' R	43.70	18.83	12.9	6.5	2.2	43.7	1.0	43.7	REFER TO MSD-2
23+56.3 19.12' L	24+00 19.12' L	43.70	19.83	12.9	6.5	2.2	43.7	1.0	43.7	REFER TO MSD-2
24+00 19.12' R	25+69.03 19.08' R	212.73							212.7	QUANTITY FOR EXCAVATION AND SUBBASE IS INCLUDED IN TABLE OF PAVING, REFER TO MST-4 AND MSD-2
24+00 11.96' L	25+69.03 13.08' L	212.73							212.7	QUANTITY FOR EXCAVATION AND SUBBASE IS INCLUDED IN TABLE OF PAVING, REFER TO MST-4 AND MSD-2
26+87.68 19.08' R	27+41.20 19.08' R	53.52							53.5	QUANTITY FOR EXCAVATION AND SUBBASE IS INCLUDED IN TABLE OF PAVING, REFER TO MST-4 AND MSD-2
F 0+87.86 27.55' L	F 0+69.18 12.36' L	25.98	18.83	7.7	3.8	1.3	26.0		26.0	REFER TO MSD-2
F 0+69.18 12.36' L	F 0+28.52 12.36' L	40.66		12.0	6.0	2.0	40.7	1.0	40.7	REFER TO MSD-2
F 0+28.52 13.53' R	F 0+61.87 13.53' R	33.35		9.9	4.9	1.6	33.4	1.0	33.4	REFER TO MSD-2
F 0+61.87 13.53' R	F 0+76.64 31.32' R	26.48	15.04	7.8	3.9	1.3	26.5		26.5	REFER TO MSD-2
F 0+76.64 31.32' R	29+00 25.863' R	96.09		28.5	14.2	4.7	96.1	1.0	96.1	REFER TO MSD-2
28+10 12.20' L	29+00 12.10' L	110.00		32.6	16.3	5.4	110.0	1.0	110.0	REFER TO MSD-2
26+87.68 13.08' L	28+10 12.20' L	122.32							122.3	QUANTITY FOR EXCAVATION AND SUBBASE IS INCLUDED IN TABLE OF PAVING, REFER TO MST-4 AND MSD-2
TOTAL				124	62	21	420	6	1021	

TABLE OF DRAINAGE

D.N. #	Station	Offset	INVERT ELEVATION					CY	CY	CY	SF	EA	EA	EA	LF	LF	LF	EA	EA	DESCRIPTION	
			NORTH	SOUTH	EAST	WEST	T.G.														
1	24+22.72	17.82' LT	421.78'		421.61'		425.70'	19	36.1	7.5	202		1.0	1.0	27.0		5.4	76.0	1.0	INSTALL NEW ROUND DRAINAGE STRUCTURE TYPE 48. PROVIDE FRAME F2, GRATE G2, AND CURB BOX CU2. OUTLET WITH 26.23 FT OF 18" S.I.C.P.P. AT INV. ELEV. 421.61' TO DN-2. PROVIDE INV. ELEV. OF 421.78' FOR EXISTING 12" RCP RUN FROM SLOTTED DRAIN. PROVIDE 12" SUMP FOR THE STRUCTURE. SEE DP-01, CONCRETE CAP COST INCLUDED IN ITEM 604.4048	
2	24+22.87	10.91' RT		421.20'		421.37'	425.57'	52	80.3	17.1	340				67.0	5.5		162	1.0	INSTALL NEW RECTANGULAR DRAINAGE STRUCTURE TYPE F. PROVIDE FRAME F3, GRATE G3, AND CURB BOX CU3. OUTLET WITH 66.69 FT OF 18" S.I.C.P.P. AT INV. ELEV. 421.04' TO DN-3. PROVIDE INV. ELEV. OF 421.20' FOR PIPE ENTERING FROM DN-1. PROVIDE 12" SUMP FOR THE STRUCTURE. SEE DP-01	
3	24+92.51	17.23' RT	420.71'	420.69'			426.71'	80	96.0	16.8	905				67.0	7.0		160	1.0	INSTALL NEW RECTANGULAR DRAINAGE STRUCTURE TYPE F. PROVIDE FRAME F3, GRATE G3, AND CURB BOX CU3. OUTLET WITH 66.06 FT OF 18" S.I.C.P.P. AT INV. ELEV. 420.69' TO DN-4. PROVIDE INV. ELEV. FOR INLET OF 420.71' FOR PIPE ENTERING FROM DN-2. PROVIDE 12" SUMP FOR THE STRUCTURE. SEE DP-01	
4	25+62.45	17.74' RT	420.37'			420.17'	428.26'	64	74.0	10.6	1060	1			38.0	9.1		28	1.0	INSTALL NEW RECTANGULAR DRAINAGE STRUCTURE TYPE F. PROVIDE FRAME F3, GRATE G3, AND CURB BOX CU3. OUTLET WITH 38 FT OF 18" S.I.C.P.P. AT INV. ELEV. 420.17' TO STEEL CREEK. INSTALL 21" END SECTION AT END OF 38 FT 18" S.I.C.P.P. PROVIDE INV. ELEV. FOR INLET OF 420.37' FOR PIPE ENTERING FROM DN-3. PROVIDE 12" SUMP FOR THE STRUCTURE. SEE DP-01	
5	25+97.27	18.07' RT					426.42'		34.0		840									REMOVE EXISTING RECTANGULAR DRAINAGE STRUCTURE AND 70' OF EXISTING 15" R.C.P. SEE MSD-2	
6	26+92.35	17.77' RT		423.51'		423.34'	428.41'	33	47.0	10.6		1			38.0	6.1		28	1	INSTALL NEW RECTANGULAR DRAINAGE STRUCTURE TYPE F. PROVIDE FRAME F3, GRATE G3, AND CURB BOX CU3. OUTLET WITH 38 FT OF 18" S.I.C.P.P. AT INV. ELEV. 423.34' TO STEEL CREEK. INSTALL 21" END SECTION AT END OF 38 FT 18" S.I.C.P.P. PROVIDE INV. ELEV. FOR INLET OF 423.51' FOR PIPE ENTERING FROM DN-7. PROVIDE 12" SUMP FOR THE STRUCTURE. SEE DP-01	
7	27+34.20	17.73' RT	423.69'	423.72'			428.25'	26	48.2	10.3					37.0	5.6		102	1	INSTALL NEW RECTANGULAR DRAINAGE STRUCTURE TYPE F. PROVIDE FRAME F3, GRATE G3, AND CURB BOX CU3. OUTLET WITH 36.79 FT OF 18" S.I.C.P.P. AT INV. ELEV. 423.69', PROVIDE INV. ELEV. OF 423.51' FOR PIPE ENTERING FROM DN-8. PROVIDE 12" SUMP FOR THE STRUCTURE. SEE DP-01	
8	28+03.66	17.72' RT	424.04'	XXXXX	424.25'		428.85'	43	88.5	16.8	202		1	1	66.0	5.7		160	1.0	INSTALL NEW RECTANGULAR DRAINAGE STRUCTURE TYPE F. PROVIDE FRAME F3, GRATE G3, AND CURB BOX CU3. OUTLET WITH 66.0 FT OF 18" S.I.C.P.P. AT INV. ELEV. 424.04', PROVIDE INV. ELEV. OF XXXXX FOR EXISTING 15" VIT PIPE. PROVIDE 12" SUMP FOR THE STRUCTURE. SEE DP-01	
9	28+02.31	10.94' LT				424.44'	428.97'	21	43.1	7.5	453				24.0	5.7		76.0	1.0	INSTALL NEW RECTANGULAR DRAINAGE STRUCTURE TYPE F. PROVIDE FRAME F3, GRATE G3, AND CURB BOX CU3. OUTLET WITH 23.43 FT OF 18" S.I.C.P.P. AT INV. ELEV. 424.44'. PROVIDE 12" SUMP FOR THE STRUCTURE. SEE DP-01	
TOTAL								338	547	97.2	4002	2.0	2.0	2.0	364	45	5.4	792	7.0	1.0	

NOTE: REMOVAL OF EXISTING DRAINAGE STRUCTURES AND PIPES ARE INCLUDED IN ITEM 206.0201 TRENCH AND CULVERT EXCAVATION OF PROPOSED DRAINAGE STRUCTURES AND PIPES.

AFFIX SEAL: ON:	ALTERED BY: ON:
	
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET
	PIN 200412 ROUTE 51 UTILITY QUALITY LEVEL A
	BRIDGES 1026490
	CULVERTS
	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
	MISCELLANEOUS TABLES
	COUNTY: HERKIMER REGION: 02
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.	


CONTRACT NUMBER D264647
DRAWING NO. MST - 1 SHEET NO. 17
 Department of Transportation

TABLE OF DRIVEWAYS

DR#	Location	Side	Type	Use	APRON AREA		LENGTH OF APRON (L)	DRIVEWAY OPENING (W1)	DRIVEWAY WIDTH (W2)	UNASSIGNED EXCAVATION AND DISPOSAL	CUBBASE COURSE, TYPE 2	CONCRETE SIDEWALKS AND DRIVEWAYS	HMA SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	CAST-IN PLACE CONCRETE CURB TYPE VF150	CUTTING PAVEMENT	COMMENTS	
					SF	FT											
1	24+33	L	Asphalt	R	192.4	41.7	9.0	12.3	29.8	8.7	4.3	3.6	0.8		12.0	NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK	
2	24+38	R	Asphalt	R	79.2	51.9	16	9.9	9.0	4.9	2.4	1.5	1.0	26.4	11.0	NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK	
1 AND 3	24+50	L	Asphalt	R		97.5				3.6	1.8		1.8		25.0	PAVING BEHIND PROPOSED SIDEWALK BETWEEN DRIVEWAY 1 AND 3	
3	24+67	L	Asphalt	R	148.6	69.4	16	7.9	11.9	8.1	4.0	2.8	1.3	24.8	15.0	NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK	
4	25+08	L	Asphalt	R	143.6	44.0	16	6.2	16.4	6.9	3.5	2.7	0.8	21.0	9.0	NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK	
5	27+00	L	Asphalt	R	54.2	35.5	16	4.4	14.8	25.8	3.3	1.0	0.7	15.4	11.0	NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK	
6	27+14	R	Asphalt	R	165.3	722.2		4.9	31.1	31.1	32.9	16.4	3.1	13.2		NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK	
7	27+50	L	Asphalt	R	223.4	63	13	4.4	22.2	32.8	10.6	5.3	4.1	1.2	26.0	19.0	NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK
8	27+65	L	Concrete	R	180	35.6	16	9.6	11.6	24.2	8.0	4.0	3.3	0.7	39.8	11.0	NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK, INSTALL 3' CURB RADIUS BULLNOSE BETWEEN DRIVEWAY 8 AND 9
9	27+83	L	Asphalt	R	180	35.1	24	9.6	11.6	24.2	8.0	4.0	3.3	0.6	29.0	11.0	NEW CONCRETE DRIVEWAY APRON, INCLUDES PAVING BEHIND PROPOSED SIDEWALK
TOTAL										94.9	47.5	25.3	21.9	182.4	124.0		

*R-Residential

TABLE OF TREE REMOVAL


LOCATION	STATION	TO	STATION	TREE REMOVAL OVER 4 INCHES TO 6 INCHES DIAMETER	TREE REMOVAL OVER 6 INCHES TO 12 INCHES DIAMETER	COMMENTS
				EA	EA	
CREEK	SC 1+72.13		SC 6+40.41	13	13	WITHIN GRADING LIMITS
TOTAL				13	13	

TABLE OF UNDERDRAIN

STATION	TO	STATION	(ft)	TRENCH AND CULVERT EXCAVATION	UNDERDRAIN FILTER TYPE 2	OPTIONAL UNDERDRAIN PIPE, 4 INCH DIAMETER	NOTES
23+56.3		25+69.03	212.73	18.9	18.9	212.7	Outlet to DN#1
23+56.3		25+69.03	212.73	18.9	18.9	212.7	Outlet to DN#2,3,4
28+05.24		28+90.19	87.50	7.8	7.8	87.5	Outlet to DN#8
0+00		0+82.36	88.92	7.9	7.9	88.9	Outlet West Side of Fourth St. to DN#8
0+00		0+82.36	102.30	9.1	9.1	102.3	Outlet East Side of Fourth St. to DN#7
26+87.68		27+32.27	44.66	4.0	4.0	44.7	Outlet to DN#6
26+87.68		28+90.19	202.50	18.0	18.0	202.5	Outlet to DN#9
TOTAL				84	84	951	

CREEK CHANNEL

STATION	TO	STATION	(ft)	UNCLASSIFIED EXCAVATION AND DISPOSAL	TRENCH AND CULVERT EXCAVATION	SILT FENCE-TEMPORARY	UNCOATED BAR REINFORCEMENT FOR CONCRETE STRUCTURES	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	STOCKPILING AND PLACING EXISTING STREAM BED MATERIALS	STONE FILLING (HEAVY)	BEDDING MATERIAL, TYPE 1	BEDDING MATERIAL, TYPE 2	EXTRA HEAVY STONE, TYPE A	NOTES
SC 1+72.13		SC 6+40.41	468.28	5400.0	950.0	940.0	5000.0	400.0	700.0	1300.0	270.0	270.0	950.0	SC 3+40.21 TO SC 4+35.07 INCLUDED IN BRIDGE ESTIMATE
TOTAL				5400	950	940	5000	400	700	1300	270	270	950	

AFFIX SEAL: ON: 

ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET

PIN 200412 ROUTE 51 UTILITY QUALITY LEVEL A

COUNTY: HERKIMER REGION: 02

BRIDGES 1026490

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

MISCELLANEOUS TABLES

CONTRACT NUMBER D264647

DRAWING NO. MST - 2

SHEET NO. 18

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

FILE NAME = 200412_cph_mst_03
 DATE/TIME = 13-OCT-2021 13:29
 USER = mmajjeckl

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

DESIGN M. MAJECKI

CHECK

DRAFTING

CHECK

PROJECT MANAGER

SANITARY NOTES																				
S.N. #	Station	Offset	INVERT ELEVATION					T.G.	UNCLASSIFIED EXCAVATION AND DISPOSAL 203.02 (CY)	EMBANKMENT IN PLACE 203.03 (CY)	SELECT GRANULAR FILL 203.07 (CY)	CONTROLLED LOW STRENGTH MATERIAL (CLSM) 204.01 (CY)	TRENCH AND CULVERT EXCAVATION 206.0201 (CY)	SAWCUTTING PCC AND COMPOSITE PAVEMENT 520.05000010 (LF)	SHIELDS AND SHORING 552.17 (SF)	POLYVINYL CHLORIDE PIPE, SANITARY SEWER GRAVITY, 12 IN. DIAMETER 603.99250015 (LF)	ALTERING DRAINAGE STRUCTURE, LEACHING BASINS AND MANHOLES 604.070201 (EA)	FRAMES AND COVERS FOR SANITARY SEWER MANHOLES 655.05020010 (EA)	PRECAST SANITARY SEWER MANHOLE (60 INCH DIAM.) 664.40600006 (LF)	NOTES
			NORTH	SOUTH	EAST	WEST														
1	23+02.6	15.4 RT																		NO WORK
2	24+01.81	1.2 RT																		RESET TO PROPOSED GRADE
3	0+25.79			420.68			428.22			15.28		24.46	25.32	256				1	8.21	INSTALL NEW TYPE 60" PRECAST MANHOLE WITH FORMED INVERTS. PROVIDE OUTLET FOR EXISTING 12" SANITARY PIPE. FURNISH AND INSTALL NEW FRAME AND COVER. CUTTING EXISTING PIPE IS INCLUDED IN MANHOLE INSTALLATION ITEM.
3A	0+62.24		421.74				426.68	19.04	19.04				21.32	563						REMOVE EXISTING SANITARY STRUCTURE AND 34.46' OF 8" EXISTING SANITARY PIPE.
4	2+27.69		413.37	413.41			428.11			60.68		80.36	25.32	1052	19			1	15.41	INSTALL NEW TYPE 60" PRECAST MANHOLE WITH FORMED INVERTS. OUTLET WITH 19' OF 12" SANITARY PIPE TO SN#5. FURNISH AND INSTALL NEW FRAME AND COVER.
5	2+51.66		413.56	413.59			427.29			45.41		65.20		552	28.1			1	14.41	INSTALL NEW TYPE 60" PRECAST MANHOLE WITH FORMED INVERTS. FURNISH AND INSTALL NEW FRAME AND COVER.
6	25+97.31	26.59 RT						150.81	150.81				21.32	2961						REMOVE EXISTING SANITARY STRUCTURE AND EXISTING 12" SANITARY PIPE RUN FROM SN#4 TO SN#6 TO SN#7.
7	26+00	56.44 RT						52.49	52.49					510						REMOVE EXISTING SANITARY STRUCTURE, REMOVE 90.34' OF EXISTING 12" SANITARY PIPE FROM SN#7 TO SN#9
8										69.53	7.85	80.00			90					INSTALL 90' OF 12" SANITARY PIPE WITH INSIDE OF 24" STEEL CASING, FILL VOID BETWEEN SANITARY PIPE AND CASING WITH CLSM
9	26+83.09	25.14 RT						57.06	57.06				21.32	1267						REMOVE EXISTING SANITARY STRUCTURE, REMOVE 30.12' EXISTING OF 12" SANITARY PIPE FROM SN#9 TO SN#11
10	3+74.74	0	414.34	414.38			427.75			60.71		81.38	25.32	1050	17.5			1	14.09	INSTALL NEW TYPE 60" PRECAST MANHOLE WITH FORMED INVERTS. OUTLET WITH 17.5' OF 12" SANITARY PIPE TO SN#11. FURNISH AND INSTALL NEW FRAME AND COVER.
11	3+97.23	0	414.49	415.66			428.19			34.11		54.62	25.32	572				1	14.37	INSTALL NEW TYPE 60" PRECAST MANHOLE WITH FORMED INVERTS. PROVIDE OUTLET FOR EXISTING 12" SANITARY PIPE. FURNISH AND INSTALL NEW FRAME AND COVER.
12	0+47.31	0		XXX.XX			428.71			16.56		26.52	25.32	278				1	7.77	INSTALL NEW TYPE 60" PRECAST MANHOLE WITH FORMED INVERTS. PROVIDE OUTLET FOR EXISTING 8" SANITARY PIPE. FURNISH AND INSTALL NEW FRAME AND COVER. CUTTING EXISTING PIPE IS INCLUDED IN MANHOLE INSTALLATION ITEM.
12A	0+16.95						427.39	16.5	16.5				21.32	495						REMOVE EXISTING SANITARY STRUCTURE AND 25.38' OF EXISTING 8" SANITARY PIPE FROM SN#12 TO SN#12A
13	27+68.47	31.96 RT																		RESET TO PROPOSED GRADE
14	27+75.14	32.55 RT																		RESET TO PROPOSED GRADE
15	27+64.77																			RESET TO PROPOSED GRADE
16	27+71.26	23.00 LT																		RESET TO PROPOSED GRADE
TOTAL								296	296	302	8	413	212	9556	155	5	6	74.3		

NOTE: STATIONS AND OFFSETS FOR SANITARY NOTES:1,2,4,5,6,7,9,13-16 WERE MEASURED OF HCL. REFER TO UTILITY PLANS AND SANITARY PROFILE SHEETS.


TABLE OF CLEARING AND GRUBBING				
LOCATION	STATION	TO	STATION	CLEARING AND GRUBBING 201.07 ACRE
CREEK BANKS	SC 1+72.13		SC 6+40.41	0.50
TOTAL				0.50

TABLE OF SIGNS						
LOCATION	SIDE	DESCRIPTION	RELOCATE SIGN ASSEMBLY SIZE I	RELOCATE SIGN ASSEMBLY SIZE II	RETROREFLECTIVE SIGN POST STRIPS	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 32 SF, WITH Z-BARS
			647.31 EA	647.32 EA	645.81090003 EA	645.5102 SF
1-1	RT	SOUTH W/ RTE 51	2			
2-1	LT	SCHOOL BUS SCHOOL DAYS RIGHT ARROW	3			
3-1	LT	NO PARKING ANYTIME DBL	1			
4-1	RT	NO PARKING HERE TO CORNER RT	1			
5-1	RT	NO PARKING HERE TO CORNER LT	1			
6-1	RT	OTSEGO ST / FOURTH ST	2			
7-1	LT	PEDESTRAIN XING DIAGNAL ARROW	1	1	2	11
8-1	RT	STOP	1			
9-1	RT	PEDESTRAIN XING DIAGNAL ARROW	1	1	2	11
10-1	LT	NO PARKING ANYTIME DBL	1			
11-1	RT	NO PARKING ANYTIME DBL	1			
TOTAL			15	2	4	22

SIGNING NOTES:

1. SIGN LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL RELOCATE EXISTING SIGNS IN ACCORDANCE WITH MUTCD AND NYS SUPPLEMENT.

AFFIX SEAL:
ON:



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 200412
 ROUTE 51
 UTILITY QUALITY LEVEL A

BRIDGES
1026490

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 MISCELLANEOUS TABLES

CONTRACT NUMBER
D264647
 DRAWING NO. MST - 3
 SHEET NO. 19

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



TABLE OF PROPOSED SIDEWALK & SIDEWALK RAMPS

LOCATION	4" CONCRETE SIDEWALK AREA SF	6" CONCRETE SIDEWALK (THROUGH DRIVEWAYS) AREA SF	UNCLASSIFIED EXCAVATION AND DISPOSAL 203.02 CY	EMBANKMENT IN PLACE 203.03 CY	SUBBASE COURSE, TYPE 2 304.12 CY	CONCRETE SIDEWALKS AND DRIVEWAYS 608.0101 CY	CAST IRON EMBEDDED DETECTABLE WARNING UNITS 608.21000003 (SY)	MOISTURE RETENTION ADDITIVE 610.08 (LB)	NOTES
WEST SIDE	2155.0	221.0	73.0	26.2	44.0	30.4			
EAST SIDE	2235.0	419.0	81.6	18.8	49.1	35.1			
SIDEWALK TO RESIDENCES	450.0		13.8		8.3	5.5			
FOURTH ST.	550.0		16.9		10.2	6.7			
SW QUAD FOURTH ST.	195.0		6.0		3.6	2.4	2.7	0.4	
NW QUAD FOURTH ST.	154.0		4.7		2.9	1.9	1.1	0.4	
SE QUAD FOURTH ST.	90.0		2.8		1.7	1.1	1.1	0.4	
TOTAL			200	100	120	85	4.9	1.2	

TABLE OF PAVING

LOCATION	UNCLASSIFIED EXCAVATION AND DISPOSAL 203.02 CY	EMBANKMENT IN PLACE 203.03 CY	SUBBASE COURSE, TYPE 2 304.12 CY	T&L 404.018901 TON	9.5 F2 WMA, 80 SERIES COMPACTION 404.098201 TON	19 F2 WMA, 80 SERIES COMPACTION 404.198901 TON	25 F2 WMA, 80 SERIES COMPACTION 404.258901 TON	STRAIGHT TACK COAT 407.0103 GAL	ASPHALT PAVEMENT JOINT ADHESIVE 418.7603 LF	MISCELLANEOUS COLD MILLING AND BITUMINOUS CONCRETE 490.30 SY	CUTTING PAVEMENT 627.50140008 LF	COMMENTS
23+56.36 TO 29+10		80						400	2400			ENTIRE PAVING AREA
24+00 TO 25+71.03	297		198		66	67	267					FULL RECONSTRUCTION
26+85.69 TO 28+10	214		143		47	48	192					FULL RECONSTRUCTION
28+10 TO 29+10				35						310	32	
F 0+12.75 TO F 0+82.65				24						215	26	FOURTH ST.
24+00 TO 23+56.36				17						151	32	
TOTAL	511	80	341	77	113	115	459	400	2400	675	90	

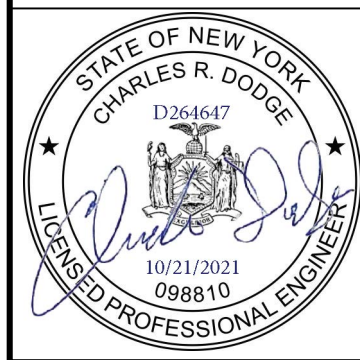
TABLE OF SURFACE TREATMENT

LOCATION	STATION	TO	STATION	AREA SF	SILT FENCE - TEMPORARY 209.13 LF	TOPSOIL- LAWNS 610.1403 CY	TURF ESTABLISHMEN TS LAWNS 610.1602 SY	COMMENTS
ROADWAY	23+56.3		29+10	1400	950			QTY FOR 610.1403 AND 610.1602 INCLUDED IN LANDSCAPE TABLES
CREEK	SC 1+72.13		SC 6+40.41	9400		115	1044	CREEK LIMITS
TOTAL					950	115	1044	

ADA REPORTING TABLE - CURB RAMPS

LOCATION					RAMP TYPE	NEW OR REPLACEMENT	NOTES
ROADWAY	RAMP NO.	STATION	SIDE	COORDINATES			
Route 51/Fourth St.	1	G12+00	RT	43° 0'31.58"N -75°2'29.74"W	1	NEW	NW QUAD OF SENECA ST.
Route 51/Fourth St.	2	G13+70	RT	43° 0'31.26"N -75°2'30.00"W	3	NEW	SW QUAD OF HOTEL ST.
Route 51/Fourth St.	3	G14+00	RT	43° 0'31.03"N -75°2'29.53"W	11	NEW	SE QUAD OF HOTEL ST.

AFFIX SEAL: ON: ALTERED BY: ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET

PIN 200412
ROUTE 51
UTILITY QUALITY LEVEL A

CULVERTS

BRIDGES
1026490

COUNTY: HERKIMER REGION: 02

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

MISCELLANEOUS TABLES

CONTRACT NUMBER
D264647

DRAWING NO. MST - 4
SHEET NO. 20

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FILE NAME = 200412_cph_mst_04
DATE/TIME = 12-OCT-2021 15:41
USER = mma/jecki

PROJECT MANAGER
CHECK
DRAFTING
CHECK
DESIGN M. MAJECKI
JOB MANAGER C. DODGE
DESIGN SUPERVISOR J. TIBBITTS

WATER NOTES

WN #	STATION	OFFSET	DESCRIPTION OF WORK	ITEM NO.	203.25 SAND BACKFILL	206.0201 TRENCH AND CULVERT EXCAVATION	552.17 SHIELDS AND SHORING	663.0106 (6 INCH) DUCTILE IRON CEMENT LINED WATER PIPE	663.0108 (8 INCH) DUCTILE IRON CEMENT LINED WATER PIPE	663.0408 (8 INCH) PLASTIC WATER PIPE	663.0418 (18 INCH) PLASTIC WATER PIPE	663.0603 (3/4 INCH) COPPER WATER SERVICE PIPE	663.1005 (6 INCH) RESILIENT WEDGE (GATE VALVE) VALVE & VALVE BOX	663.1008 (8 INCH) RESILIENT WEDGE (GATE VALVE) VALVE & VALVE BOX	663.13NN HYDRANT	663.2001 (3 INCH TO 8 INCH) IRON WATER MAIN FITTINGS	663.2105 (6 INCH) WEDGE TYPE MECHANICAL RESTRAINT GLANDS (MEGA LUG)	663.2108 (8 INCH) WEDGE TYPE MECHANICAL RESTRAINT GLANDS (MEGA LUG)	663.2503 (3/4 INCH) WATER SERVICE CONNECTION	663.2603 (3/4 INCH) CURB STOP AND CURB BOX	663.40 DISCONNECT AND CAP EXISTING WATER MAIN CUT AND CAP	663.42 REMOVE AND DISPOSE OF EXISTING WATER VALVE & VALVE BOX REMOVE AND	663.46 REMOVE AND STORE EXISTING HYDRANT REMOVE AND STORE
				PAY UNIT	CY	CY	SF	FT	FT	FT		FT	EA	EA	EA	LB	EA	EA	EA	EA	EA	EA	EA
1	23+57.8	10.6' RT	CUT AND TIE INTO EXISTING 8" DUCTILE IRON WATER MAIN, FURNISH AND INSTALL (1) MECHANICAL RESTRAINT GLAND (1) 8" 45° FITTING, (1) MECHANICAL RESTRAINT GLAND, 3 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" 45° FITTING AND (1) MECHANICAL RESTRAINT GLAND, 25 FEET OF 8" DUCTILE IRON WATER MAIN AND (1) MECHANICAL RESTRAINT GLAND, (1) 8" GATE VALVE, (1) MECHANICAL JOINT.		5.4	22.5	173.6		28.0					1.0		110.0		5.0					
2	23+62.1	22.3' LT	TIE INTO WN-1, FURNISH AND INSTALL (1) 8" 45° FITTING, (1) MECHANICAL RESTRAINT GLAND, 3 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" 45° FITTING AND (1) MECHANICAL RESTRAINT GLAND.		0.6	2.4	18.6		3.0							110.0		3.0					
3	24.63.9	23.4' LT	TIE INTO WN-2, FURNISH AND INSTALL 185 FEET OF 8" DUCTILE IRON WATER MAIN AND (1) MECHANICAL RESTRAINT GLAND.		36.0	148.7	647.5		185.0							0.0		1.0					
4	25+49.7	24.0' LT	TIE INTO WN-3, FURNISH AND INSTALL (1) MECHANICAL RESTRAINT GLAND, (1) 8" 45° FITTING, (1) MECHANICAL JOINT, (1) 8" GATE VALVE, (1) MECHANICAL RESTRAINT GLAND, 18 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" 45° FITTING (SHALL BE TRANSITION FITTING FROM DUCTILE IRON TO HDPE PLASTIC WATER MAIN) AND (1) MECHANICAL RESTRAINT GLAND.		3.5	14.5	63.0		18.0					1.0		140.0		4.0					
5	26+29.6	39.0' LT	FURNISH AND INSTALL 97' OF 18" HDPE CASING PIPE (CASING SHALL SUPPLY PROPER SPACERS TO CENTER PROPOSED WATER MAIN INSIDE THE CASING AND END CAPS TO CLOSE OFF EACH END OF THE CASING).		21.6	89.1	388.0				97					0.0							
6	25+79.7	39.0' LT	TIE INTO WN-4, FURNISH AND INSTALL 117' OF 8" HDPE PLASTIC WATER MAIN, ENCASED IN (WATER NOTE 5) THE 18" CASING AND (1) MECHANICAL RESTRAINT GLAND.		22.8	94.0	409.5			117						0.0		1.0					
7	27+00	24.8' LT	TIE INTO WN-6 FURNISH AND INSTALL (1) 8" 45° FITTING (SHALL BE TRANSITION FITTING FROM HDPE PLASTIC WATER MAIN TO DUCTILE IRON) (1) MECHANICAL RESTRAINT GLAND, 18 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" GATE VALVE, (1) MECHANICAL JOINT, (1) 8" 45° FITTING AND (1) MECHANICAL RESTRAINT GLAND.		3.5	14.5	63.0		18.0					1.0		140.0		3.0					
8	27+27.8	24.7' LT	TIE INTO WN-7 FURNISH AND INSTALL 58 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" 45° FITTING, (1) MECHANICAL RESTRAINT GLAND, 6 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" 45° FITTING AND (1) MECHANICAL RESTRAINT GLAND.		12.4	51.4	224.0		64.0							110.0		4.0					
9	27+64	27.2' RT	TIE INTO WN-8, FURNISH AND INSTALL 41 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8"X8"X6" TEE, (1) MECHANICAL RESTRAINT GLAND, 2 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" GATE VALVE, (1) MECHANICAL JOINT, (1) 8"X8"X8" TEE, (1) MECHANICAL JOINT AND TIE INTO EXISTING 8" DUCTILE IRON WATER MAIN VALVE.		8.4	34.6	150.5		43.0					1.0		200.0		3.0					
SHEET TOTAL:					114.2	471.7	2137.7	0.0	359.0	117.0	97.0	0.0	0.0	4.0	0.0	810.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0

(CONTINUED ON NEXT SHEET)

AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 200412
 ROUTE 51
 UTILITY QUALITY LEVEL A

BRIDGES
 1026490

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 MISCELLANEOUS TABLES

CONTRACT NUMBER
 D264647
 DRAWING NO. MST - 5
 SHEET NO. 21

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

FILE NAME = 200412_cph_mst_06
 DATE/TIME = 12-OCT-2021 15:46
 USER = mmajeck1

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

DESIGN M. MAJECKI

CHECK


DRAFTING

CHECK

PROJECT MANAGER

WATER NOTES																								
WN #	STATION	OFFSET	DESCRIPTION OF WORK	ITEM NO.	203.25 SAND BACKFILL	206.0201 TRENCH AND CULVERT EXCAVATION	552.17 SHIELDS AND SHORING	663.0106 (6 INCH) DUCTILE IRON CEMENT LINED WATER PIPE	663.0108 (8 INCH) DUCTILE IRON CEMENT LINED WATER PIPE	663.0408 (8 INCH) PLASTIC WATER PIPE	663.0418 (18 INCH) PLASTIC WATER PIPE	663.0603 (3/4 INCH) COPPER WATER SERVICE PIPE	663.1006 (6 INCH) RESILIENT WEDGE (GATE VALVE) VALVE & VALVE BOX	663.1008 (8 INCH) RESILIENT WEDGE (GATE VALVE) VALVE & VALVE BOX	663.13NN HYDRANT	663.2001 (3 INCH TO 8 INCH) IRON WATER MAIN FITTINGS	663.2106 (6 INCH) WEDGE TYPE MECHANICAL RESTRAINT GLANDS (MEGA LUG)	663.2108 (8 INCH) WEDGE TYPE MECHANICAL RESTRAINT GLANDS (MEGA LUG)	663.2503 (3/4 INCH) WATER SERVICE CONNECTION	663.2603 (3/4 INCH) CURB STOP AND CURB BOX	663.40 DISCONNECT AND CAP EXISTING WATER MAIN CUT AND CAP	663.42 REMOVE AND DISPOSE OF EXISTING WATER VALVE & VALVE BOX REMOVE AND	663.46 REMOVE AND STORE EXISTING HYDRANT REMOVE AND STORE	
				PAY UNIT	CY	CY	SF	FT	FT	FT		FT	EA	EA	EA	LB	EA	EA	EA	EA	EA	EA	EA	EA
10	27+50	22.3' RT	TIE INTO WN-9 FURNISH AND INSTALL (1) MECHANICAL JOINT, (1) HYDRANT VALVE, (1) MECHANICAL RESTRAINT GLAND, 27 FEET OF 6" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND AND (1) HYDRANT.		4.5	18.6	81.0	27					1.0		1.0	25.0	2.0							
11	28+27.1	26.7' RT	TIE INTO WN-9, FURNISH AND INSTALL (1) MECHANICAL JOINT, (1) 8" GATE VALVE, (1) MECHANICAL RESTRAINT GLAND, 103 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" 45° FITTING AND (1) MECHANICAL RESTRAINT GLAND.		20.0	82.8	360.5		103.0					1.0		85.0		3.0						
12	28+79.2	26.3' RT	TIE INTO WN-11, FURNISH AND INSTALL 21 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND, (1) 8" 45° FITTING, (1) MECHANICAL RESTRAINT GLAND, 3 FEET OF 8" DUCTILE IRON WATER MAIN, (1) MECHANICAL RESTRAINT GLAND AND CUT AND TIE INTO EXISTING DUCTILE IRON WATER MAIN.		4.7	19.3	84.0		24.0							55.0		3.0						
13 (SERVICE #1)	23.59.3	15.6' LT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 3 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		0.5	2.1	9.0					3							1.0	1.0				
14 (SERVICE #2)	24+13.3	34.6' RT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 59 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		9.8	40.6	177.0					59							1.0	1.0				
15 (SERVICE #3)	24+18.1	28.8' LT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 6 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		1.0	4.1	18.0					6							1.0	1.0				
16 (SERVICE #4)	24+41.1	28.7' LT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 6 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		1.0	4.1	18.0					6							1.0	1.0				
17 (SERVICE #5)	24+59.5	34.1' RT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 58 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		9.7	40.0	174.0					58							1.0	1.0				
18 (SERVICE #6)	24+80.9	27.7' LT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 5 FEET OF 3/4" COPPER SERVICE PIPE (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		0.8	3.4	15.0					5							1.0	1.0				
				SHEET TOTAL:	52.0	215.0	936.5	27.0	127.0	0.0	0.0	137.0	1.0	1.0	1.0	165.0	2.0	6.0	6.0	6.0	0.0	0.0	0.0	0.0

(CONTINUED ON NEXT SHEET)

AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 200412
 ROUTE 51
 UTILITY QUALITY LEVEL A

BRIDGES
 1026490

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

MISCELLANEOUS TABLES

CONTRACT NUMBER
 D264647

DRAWING NO. MST - 6
 SHEET NO. 22

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




WATER NOTES

WN #	STATION	OFFSET	DESCRIPTION OF WORK	ITEM NO.	203.25 SAND BACKFILL	206.0201 TRENCH AND CULVERT EXCAVATION	552.17 SHIELDS AND SHORING	663.0106 (6 INCH) DUCTILE IRON CEMENT LINED WATER PIPE	663.0108 (8 INCH) DUCTILE IRON CEMENT LINED WATER PIPE	663.0408 (8 INCH) PLASTIC WATER PIPE	663.0418 (18 INCH) PLASTIC WATER PIPE	663.0603 (3/4 INCH) COPPER WATER SERVICE PIPE	663.1006 (6 INCH) RESILIENT WEDGE (GATE VALVE) VALVE & VALVE BOX	663.1008 (8 INCH) RESILIENT WEDGE (GATE VALVE) VALVE & VALVE BOX	663.13NN HYDRANT	663.2001 (3 INCH TO 8 INCH) IRON WATER MAIN FITTINGS	663.2106 (6 INCH) WEDGE TYPE MECHANICAL RESTRAINT GLANDS (MEGA LUG)	663.2108 (8 INCH) WEDGE TYPE MECHANICAL RESTRAINT GLANDS (MEGA LUG)	663.2503 (3/4 INCH) WATER SERVICE CONNECTION	663.2603 (3/4 INCH) CURB STOP AND CURB BOX	663.40 DISCONNECT AND CAP EXISTING WATER MAIN CUT AND CAP	663.42 REMOVE AND DISPOSE OF EXISTING WATER VALVE & VALVE BOX REMOVE AND	663.46 REMOVE AND STORE EXISTING HYDRANT REMOVE AND STORE
				PAY UNIT	CY	CY	SF	FT	FT	FT	FT	EA	EA	EA	LB	EA	EA	EA	EA	EA	EA	EA	EA
19 (SERVICE #7)	25+20.5	26.5' LT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 3 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		0.5	2.1	9.0					3							1.0	1.0			
20 (SERVICE #8)	25+29.4	33.4' RT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 58 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		9.7	40.0	174.0					58							1.0	1.0			
21 (SERVICE #9)	27+17.9	27.9' LT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 10 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP 6 FEET OF 3/4" COPPER SERVICE PIPE AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		1.7	6.9	30.0					10							1.0	1.0			
22 (SERVICE #10)	27+65.6	18.04' RT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 5 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		0.8	3.4	15.0					5							1.0	1.0			
23 (SERVICE #11)	28+28.4	30.0' LT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 57 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		9.5	39.3	171.0					57							1.0	1.0			
24 (SERVICE #12)	28+43.4	30.0' LT	FURNISH AND INSTALL (1) 3/4" CORPORATE TAP ON 8" DUCTILE IRON WATER MAIN, 57 FEET OF 3/4" COPPER SERVICE PIPE, (1) 3/4" CURB STOP AND TIE INTO EXISTING 3/4" COPPER SERVICE PIPE. (EXTRA FITTINGS TO TIE INTO EXISTING SERVICE LINE MAYBE REQUIRED, FITTINGS TO BE PAID FOR UNDER COPPER SERVICE PIPE).		9.5	39.3	171.0					57							1.0	1.0			
25			EXISTING WATER MAIN, VALVES AND CURB STOPS THAT ARE RETIRED FROM THE WATER NOTES MENTIONED ABOVE AND ARE WITHIN EXCAVATION OF THE PROPOSED STRUCTURE AND WITHIN ANY EXCAVATION LIMITS THAT IMPACTS THE RETIRED LINE SHALL BE CUT, PLUGGED AND/OR REMOVED; ANY IMPACTED PIPE SHALL BE REMOVED UNDER GENERAL EXCAVATION ITEM 203.02.																		6.0	13.0	
26			REMOVE EXISTING HYDRANT AND GIVE TO THE VILLAGE OF ILION SEE NOTES BELOW FOR CONTACT INFORMATION.																				1.0
*RETURN EXISTING HYDRANTS TO THE VILLAGE OF ILION UNDER ITEM 663.43																							
SHEET TOTAL:					31.7	131.0	570.0	0.0	0.0	0.0	0.0	190.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	6.0	6.0	13.0	1.0
GRAND TOTAL:					197.9	817.7	3644.2	27.0	486.0	117.0	97.0	327.0	1.0	5.0	1.0	975.0	2.0	30.0	12.0	12.0	6.0	13.0	1.0

AFFIX SEAL: ON: _____

ALTERED BY: ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51		MISCELLANEOUS TABLES		
		COUNTY: HERKIMER	UTILITY QUALITY LEVEL A			SHEET NO. 23

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

FILE NAME = 200412_cpt_msd_01
 DATE/TIME = 12-OCT-2021 15:58
 USER = mma/jeck1

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

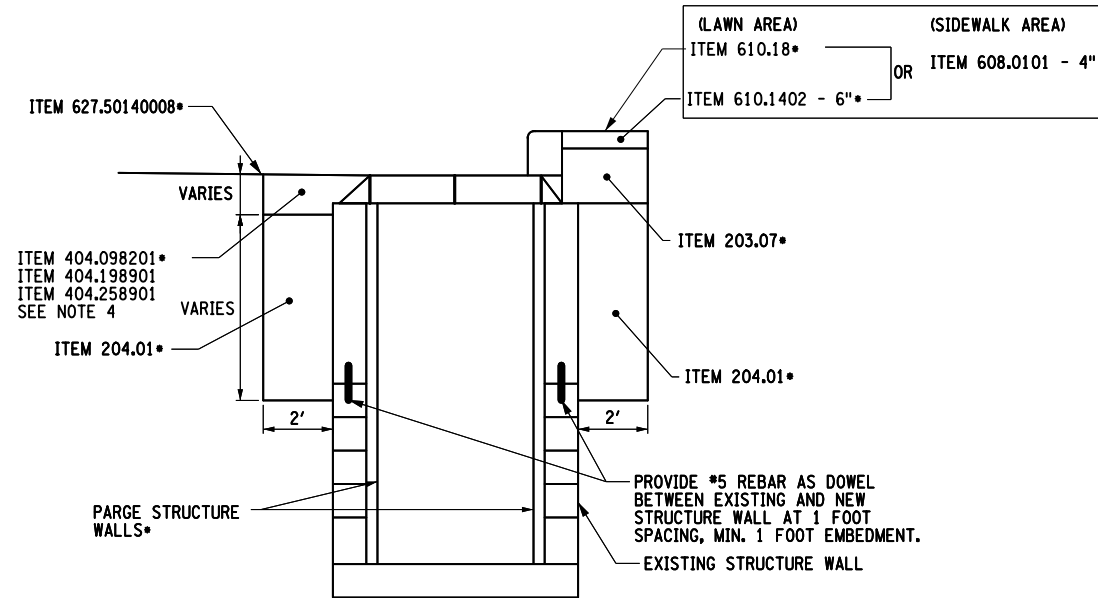
DESIGN M. MAJECKI

CHECK

DRAFTING

CHECK

PROJECT MANAGER



ITEM 604.0702XX ALTERING CATCH BASIN, MANHOLE, OR DROP INLET
 NO SCALE

ITEM NUMBER	DESCRIPTION OF WORK
ITEM 604.070201	ALTER HEIGHT OF EXISTING FRAME AND GRATE OR FRAME AND COVER (MANHOLES). CLEAN, REPAIR LOOSE MATERIAL AS NECESSARY, PARGE AND RESET OR REPLACE FRAME & GRATE

NOTES:

1. THE ALTERING DRAINAGE STRUCTURE ITEM, 604.0702XX, SHALL INCLUDE ALL OF THE DESCRIBED WORK. NO SEPARATE PAYMENT WILL BE MADE FOR THESE ITEMS, WITH THE EXCEPTION OF NEW FRAMES & GRATES OR MANHOLE COVERS.
2. THE CONTRACTOR SHALL HAVE THE OPTION OF REPLACING EXISTING DETERIORATED STRUCTURE WALLS WITH PRECAST CONCRETE UNITS, MEETING THE REQUIREMENTS OF SECTION 706-04 OF THE STANDARD SPECIFICATIONS, OR CLASS A STRUCTURAL CAST-IN-PLACE CONCRETE, MEETING THE REQUIREMENTS OF SECTION 555 OF THE STANDARD SPECIFICATIONS. BAR REINFORCEMENT SHALL BE PROVIDED AND APPROVED BY THE ENGINEER.
3. STRUCTURE TYPES ARE ASSUMED BASED UPON RECORD PLANS AND PRELIMINARY FIELD VERIFICATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE STRUCTURE TYPE PRIOR TO PERFORMING THE ALTER TO CONFIRM THE PROPER TREATMENT. ALL ALTERS SHALL BE COMPLETED AS DETAILED IN THE CONTRACT PLANS, IN ACCORDANCE WITH APPLICABLE STANDARDS AND A.O.B.E.
4. MATCH EXISTING PAVEMENT DEPTH AND TYPE
 •ITEM NUMBERS SHOWN AS A DESCRIPTION OF THE WORK ONLY. PAYMENT FOR THESE ITEMS SHALL BE INCLUDED IN THE BID PRICE FOR THE ITEM 604.0702XX, ALTERING DRAINAGE STRUCTURES.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO USE CARE & CAUTION WHEN ALTERING EXISTING MASONRY CONSTRUCTED STRUCTURES.

 IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ALL DAMAGE CAUSED BY WORKER ERROR OR NEGLIGENCE AT NO COST TO THE STATE OF NEW YORK.

AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51	1026490			
	COUNTY: HERKIMER	UTILITY QUALITY LEVEL A				DRAWING NO. MSD-1
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.						SHEET NO. 24
						Department of Transportation

PROJECT MANAGER

CHECK

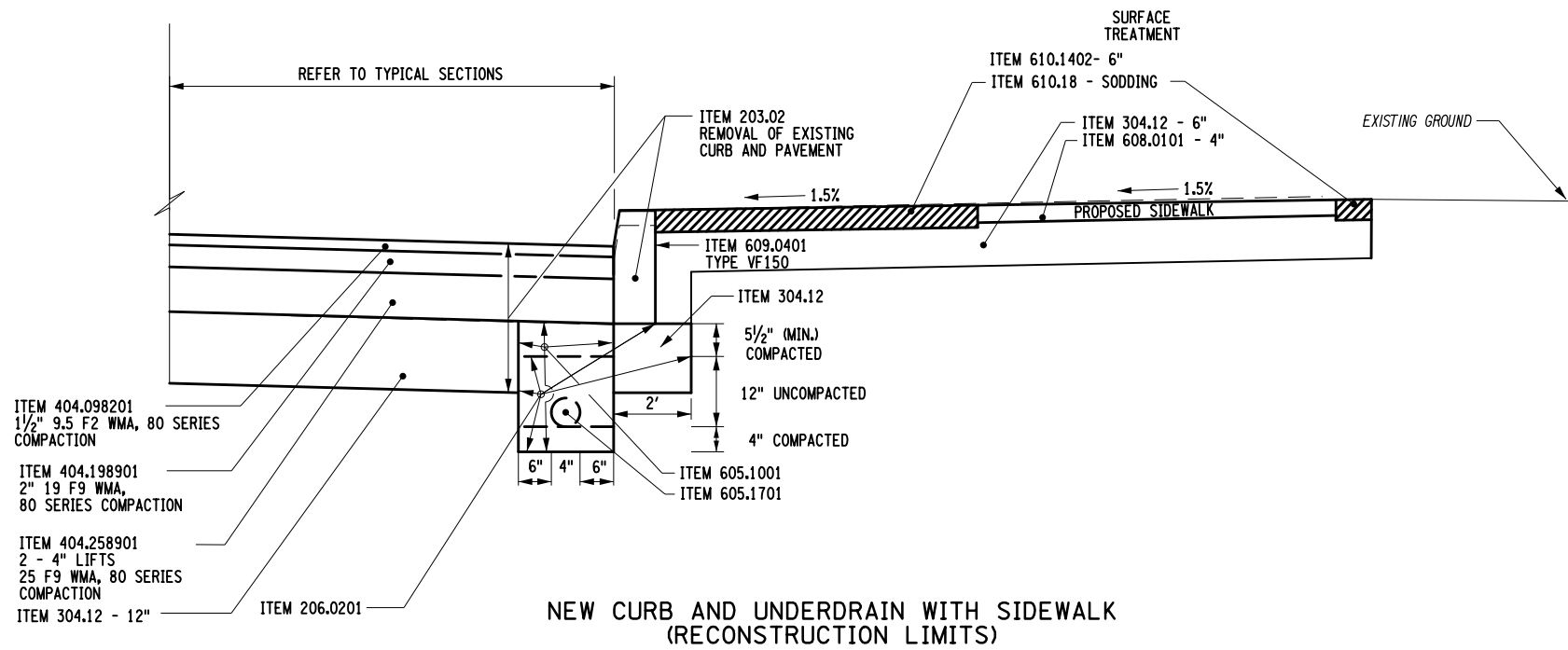
DRAFTING

CHECK

DESIGN M. MAJECKI

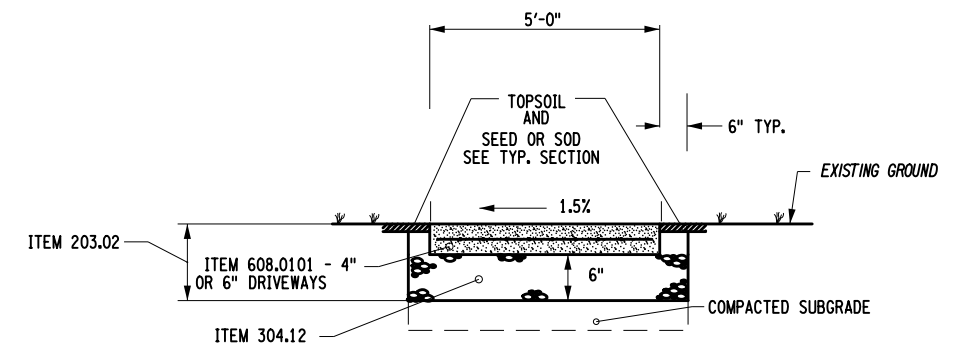
JOB MANAGER C. DODGE

DESIGN SUPERVISOR J. TIBBITTS

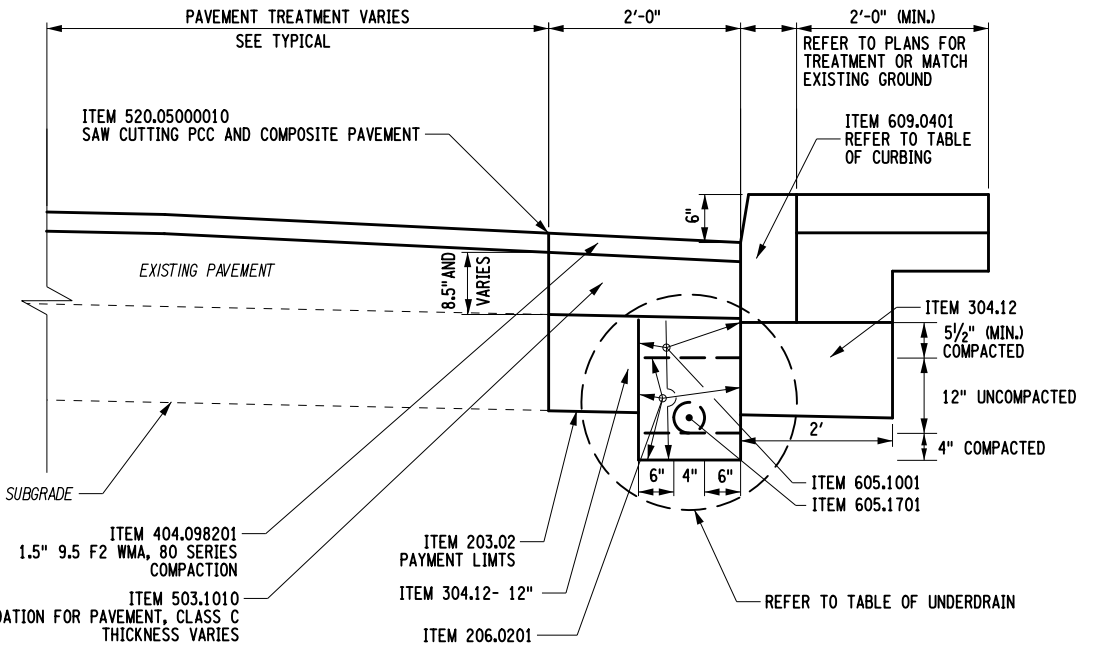


NEW CURB AND UNDERDRAIN WITH SIDEWALK (RECONSTRUCTION LIMITS)

NOTE:
1. SEE PROPOSAL, PLAN, AND DETAIL SHEETS FOR ITEM LOCATIONS, SPECIFICATIONS, AND LIMITS OF WORK IN THESE AREAS.

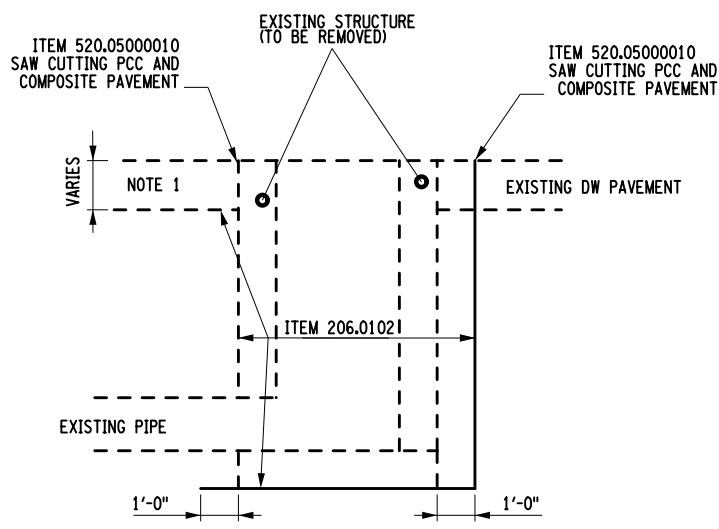


TYPICAL SHARED-USE PATH/SIDEWALK DETAIL



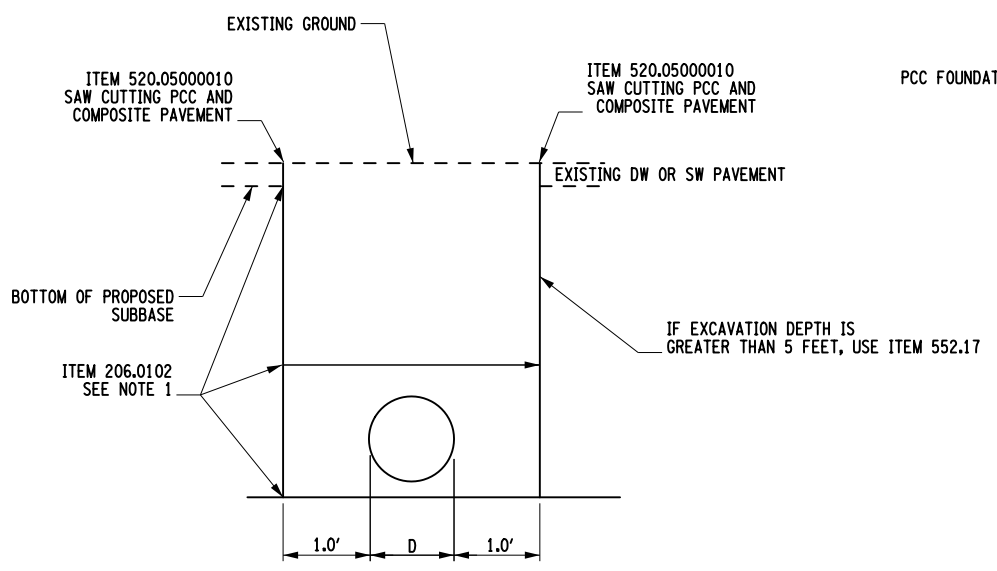
UNDERDRAIN WITH NEW CURB

NOTE:
1. SEE PROPOSAL, PLAN, AND DETAIL SHEETS FOR ITEM LOCATIONS, SPECIFICATIONS, AND LIMITS OF WORK IN THESE AREAS.

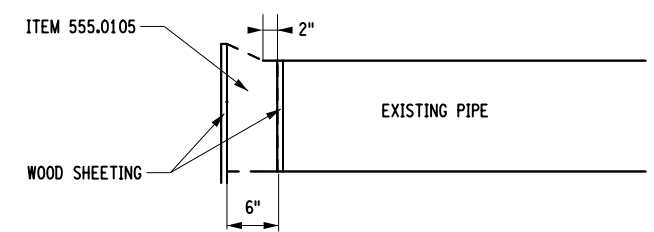


REMOVAL OF EXISTING DRAINAGE OR SANITARY STRUCTURES

NOTE:
1. IN NON PAVED AREAS, EXTEND ITEM 206.0102 TO FINISH GRADE A.O.B.E



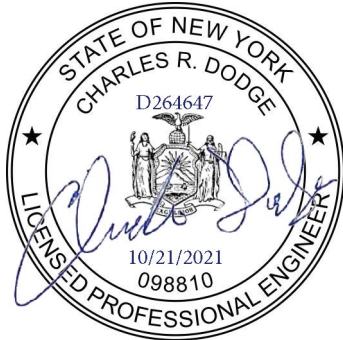
REMOVAL OF EXISTING PIPE



PLUG PIPE INLET AND OUTLET

AFFIX SEAL: ON: _____

ALTERED BY: ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51	UTILITY QUALITY LEVEL A			MISCELLANEOUS DETAIL
	COUNTY: HERKIMER	REGION: 02				SHEET NO. 25

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



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DATE/TIME = 12-OCT-2021 16:13
USER = mmajeck

FILE NAME = 200412_cph.msxd.03
 DATE/TIME = 13-OCT-2021 07:14
 USER = cdodge

PROJECT MANAGER

CHECK

DRAFTING

CHECK

DESIGN M. MAJECKI

JOB MANAGER C. DODGE

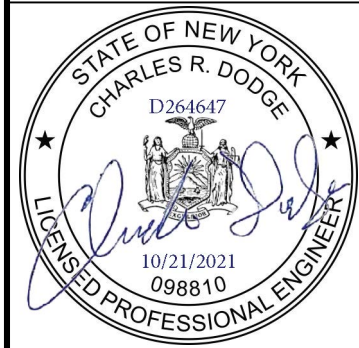
DESIGN SUPERVISOR J. TIBBITTS

Horizontal Alignment Review Report

Alignment Name: 200412_AC_CL
 Alignment Description: RT 51 CL ALG
 Alignment Style: AC_P

		Station	Northing	Easting
Element: Linear				
POB	()	13+66.04	1522723.1934	348101.1038
PI	()	14+68.48	1522639.3656	348042.2199
Tangential Direction:		S 35°05'08.5" W		
Tangential Length:		102.4422		
Element: Linear				
PI	()	14+68.48	1522639.3656	348042.2199
PI	()	22+28.53	1522018.5285	347603.7775
Tangential Direction:		S 35°13'48.7" W		
Tangential Length:		760.0464		
Element: Linear				
PI	()	22+28.53	1522018.5285	347603.7775
PI	()	24+32.60	1521852.6688	347484.8876
Tangential Direction:		S 35°38'00.0" W		
Tangential Length:		204.0692		
Element: Linear				
PI	()	24+32.60	1521852.6688	347484.8876
PI	()	25+52.06	1521755.8741	347414.8679
Tangential Direction:		S 35°52'52.9" W		
Tangential Length:		119.4653		
Element: Linear				
PI	()	25+52.06	1521755.8741	347414.8679
PI	()	25+95.19	1521720.9265	347389.5873
Tangential Direction:		S 35°52'52.9" W		
Tangential Length:		43.1329		
Element: Linear				
PI	()	25+95.19	1521720.9265	347389.5873
PI	()	26+33.88	1521689.5821	347366.9134
Tangential Direction:		S 35°52'52.9" W		
Tangential Length:		38.6856		
Element: Linear				
PI	()	26+33.88	1521689.5821	347366.9134
PI	()	27+06.78	1521630.5147	347324.1850
Tangential Direction:		S 35°52'52.9" W		
Tangential Length:		72.9018		
Element: Linear				
PI	()	27+06.78	1521630.5147	347324.1850
PI	()	27+65.61	1521582.8498	347289.7049
Tangential Direction:		S 35°52'52.9" W		
Tangential Length:		58.8288		
Element: Linear				
PI	()	27+65.61	1521582.8498	347289.7049
POE	()	36+68.86	1520850.4702	346761.0538
Tangential Direction:		S 35°49'21.9" W		
Tangential Length:		903.2452		

AFFIX SEAL: ON: ALTERED BY: ON:



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 200412
 ROUTE 51
 UTILITY QUALITY LEVEL A

BRIDGES
 1026490

CULVERTS

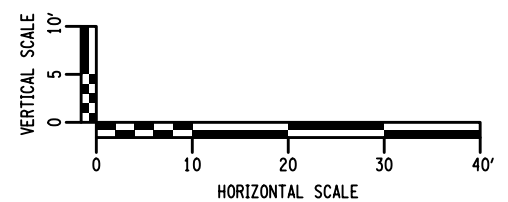
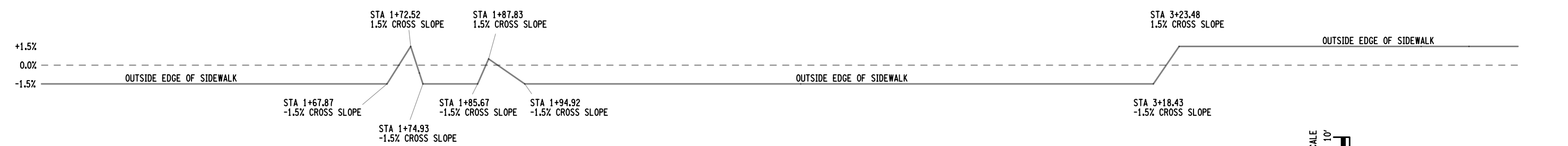
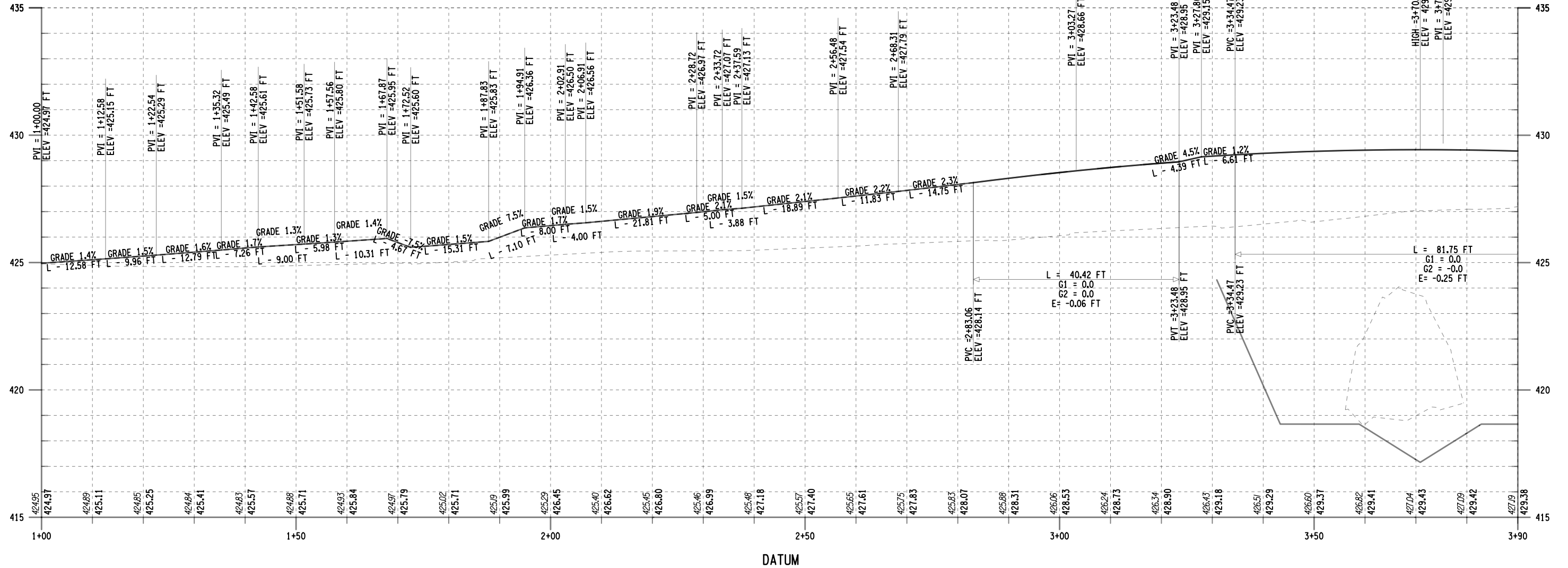
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 MISCELLANEOUS DETAIL
 GEOMETRY REPORT

CONTRACT NUMBER
 D264647
 DRAWING NO. MSD-3
 SHEET NO.26

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



SB_SW.IN



PROJECT MANAGER: [Blank]
 CHECK: [Blank]
 DRAFTING: [Blank]
 CHECK: [Blank]
 DESIGN M. MAJECKI
 JOB MANAGER C. DODGE
 DESIGN SUPERVISOR J. TIBBITTS

AFFIX SEAL: On: [Blank]

ALTERED BY: On: [Blank]

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 ROUTE 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02			MISCELLANEOUS DETAIL	DRAWING NO. MSD-4
					SIDEWALK PROFILE	SHEET NO. 27

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



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 USER = mmajec

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 USER = mmajjecki

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

DESIGN M. MAJECKI

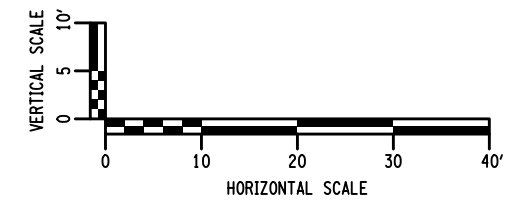
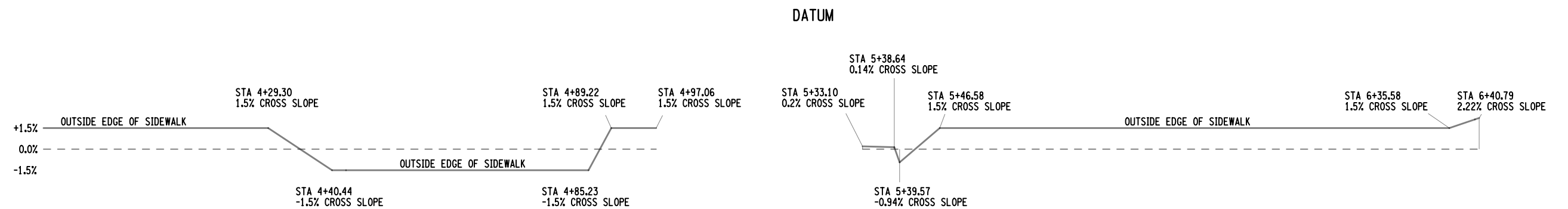
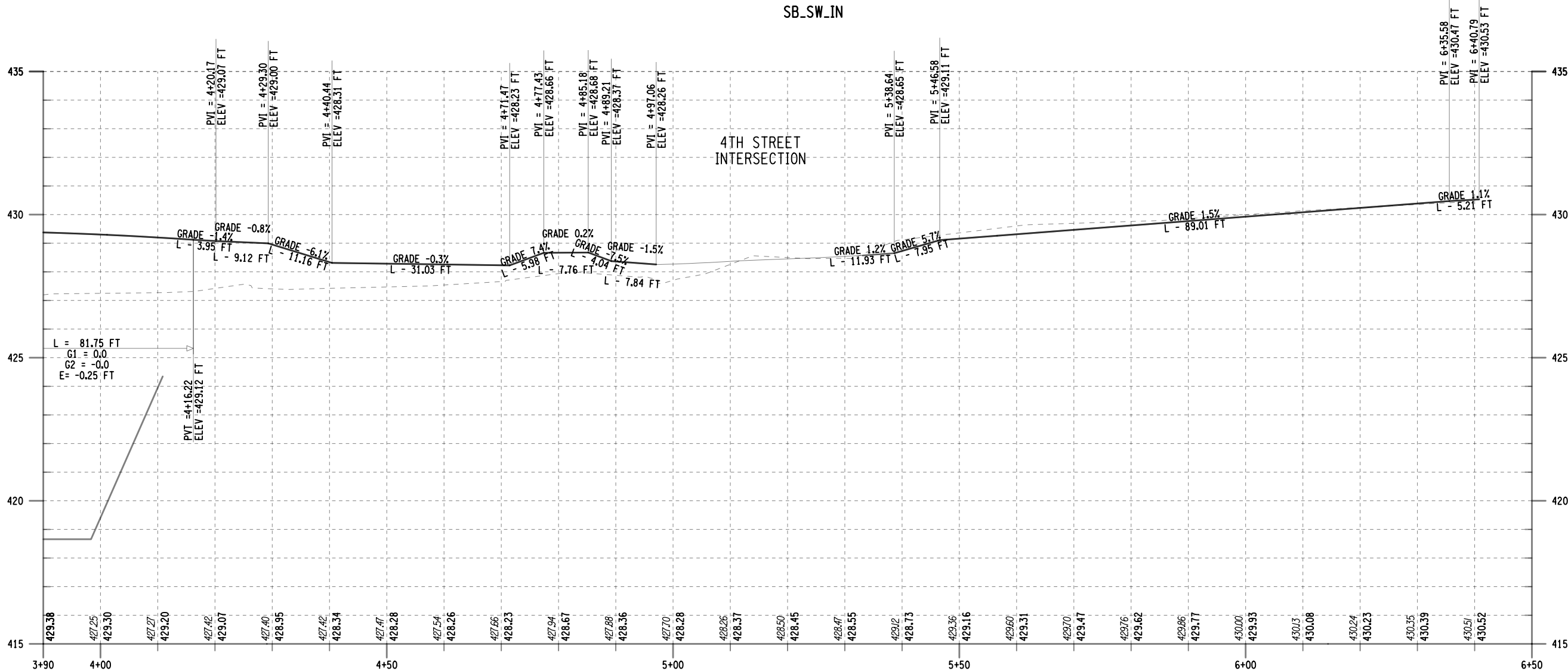
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PROJECT MANAGER

SB_SW.IN



AFFIX SEAL: ON:

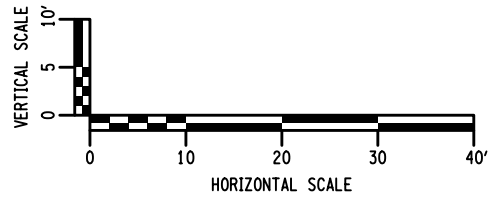
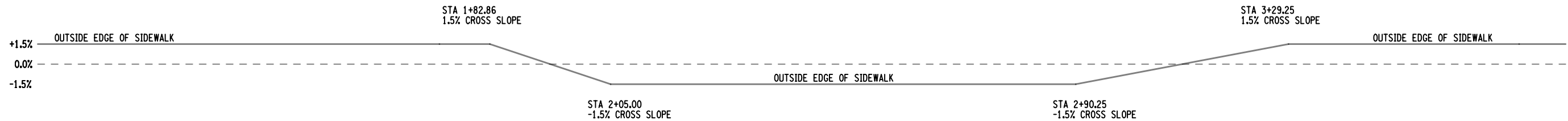
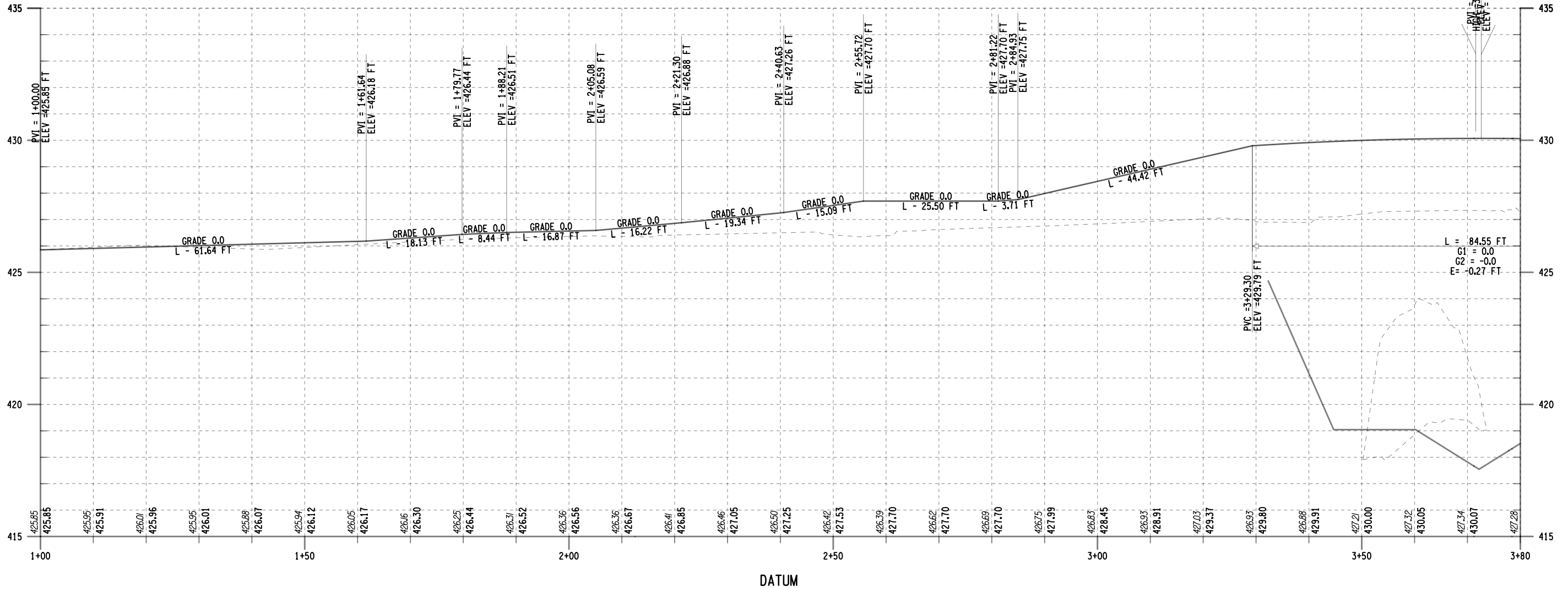
ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51			MISCELLANEOUS DETAIL	DRAWING NO. MSD-5
		UTILITY QUALITY LEVEL A			SIDEWALK PROFILE	SHEET NO. 28
	COUNTY: HERKIMER	REGION: 02				

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.



NB_SW.IN PROFILE



AFFIX SEAL: ON: _____

ALTERED BY: ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51	UTILITY QUALITY LEVEL A			MISCELLANEOUS DETAIL
	COUNTY: HERKIMER	REGION: 02			SIDEWALK PROFILE	SHEET NO. 29

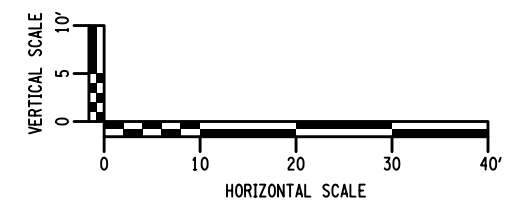
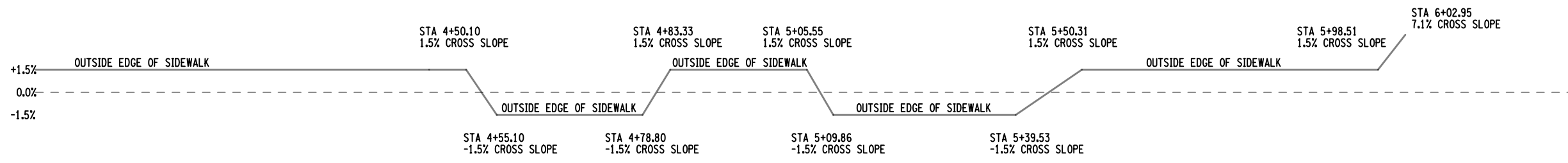
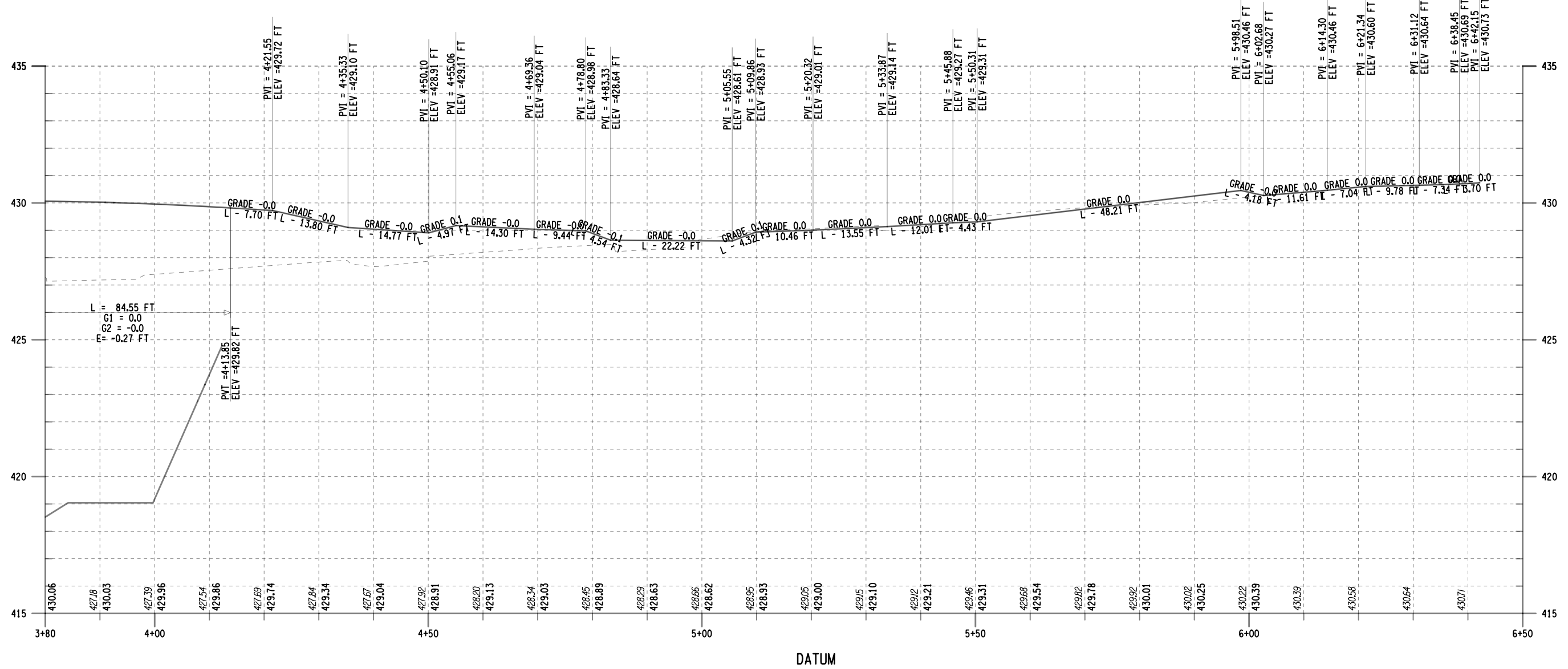
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



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DATE/TIME = 16-OCT-2021 14:09
USER = cdodge

PROJECT MANAGER
CHECK
DRAFTING
CHECK
DESIGN M. MAJECKI
JOB MANAGER C. DODGE
DESIGN SUPERVISOR J. TIBBITTS

NB_SW.IN PROFILE



AFFIX SEAL: ON: ALTERED BY: ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
PIN 200412
ROUTE 51
UTILITY QUALITY LEVEL A
COUNTY: HERKIMER REGION: 02

BRIDGES 1026490
CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
MISCELLANEOUS DETAIL
SIDEWALK PROFILE

CONTRACT NUMBER D264647
DRAWING NO. MSD-7
SHEET NO. 30

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

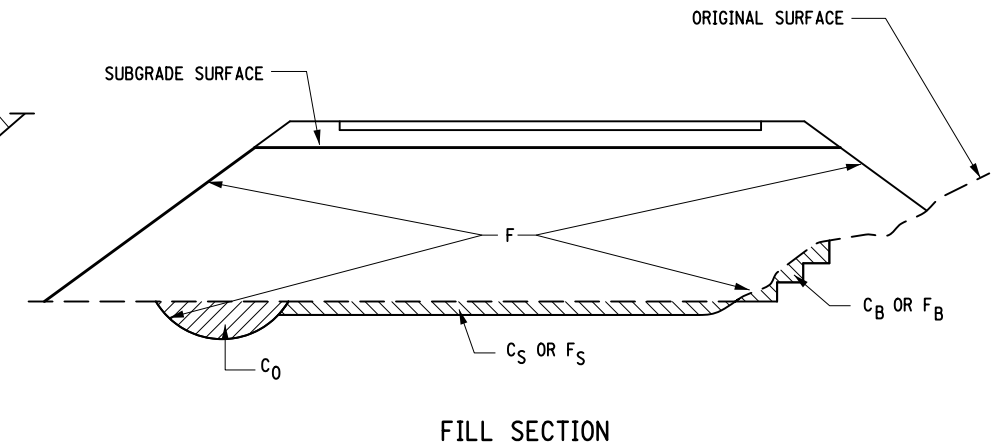
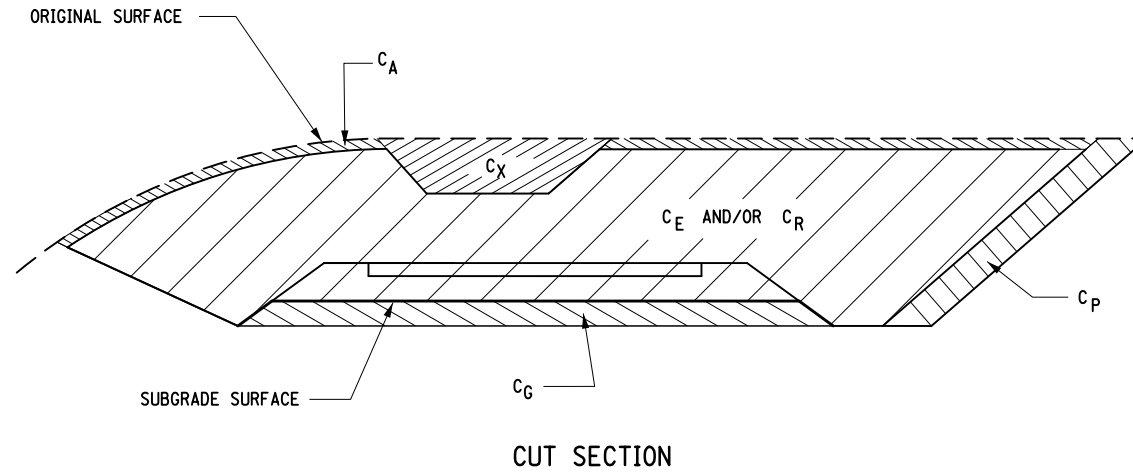


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USER = cdodge

PROJECT MANAGER
CHECK
DRAFTING
CHECK
DESIGN M. MAJECKI
JOB MANAGER C. DODGE
DESIGN SUPERVISOR J. TIBBITTS

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
PAVING	511			511	80
SIDEWALKS	200			200	100
CREEK CHANNEL	5400			5400	
DRIVEWAYS	95			95	
SANITARY	296			296	296
CURBING	124			124	
BRIDGE					300
TOTALS	6626			6626	776



SUMMARY OF TRENCH AND CULVERT EXCAVATION
(ITEM 206.0201 ONLY)

SOURCE	EXCAVATION		ITEM 206.0201
	ROCK	NON-ROCK	
CREEK CHANEEL		950	950
DRAINAGE		547	547
UNDERDRAIN		84	84
SANITARY		413	413
WATER MAIN		820	820
BRIDGE		240	240
		3054	3054

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
- C₀ - EXCAVATION OF UNSUITABLE MATERIAL BENEATH EMBANKMENT: SWAMP OR DUMP
- T_U - (C_A + C_S + C_X + C₀) TOTAL EXCAVATION ASSUMED UNSUITABLE FOR EMBANKMENT CONSTRUCTION.
- C_R - PORTION OF CUT ASSUMED TO BE ROCK, INCLUDING C_G IF APPLICABLE.
- C_T - (T_E + T_U + C_R) TOTAL EXCAVATION.

DEFINITIONS:

- F_B - FILL REQUIRED TO REPLACE BENCHES.
- F_S - FILL REQUIRED TO REPLACE TOPSOIL REMOVED BENEATH EMBANKMENTS.
- F - FILL REQUIRED TO COMPLETE EMBANKMENT TO SUBGRADE SURFACE AND SIDE-SLOPES AFTER FOUNDATION IS PREPARED.
- F_T - (F_B + F_S + F) TOTAL FILL REQUIRED.
- T_A - (T_E × 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

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DATE/TIME = 20-OCT-2021 07:54
USER = mmajec1

PROJECT MANAGER

CHECK

DRAFTING

CHECK

DESIGN M. MAJECKI

JOB MANAGER C. DODGE

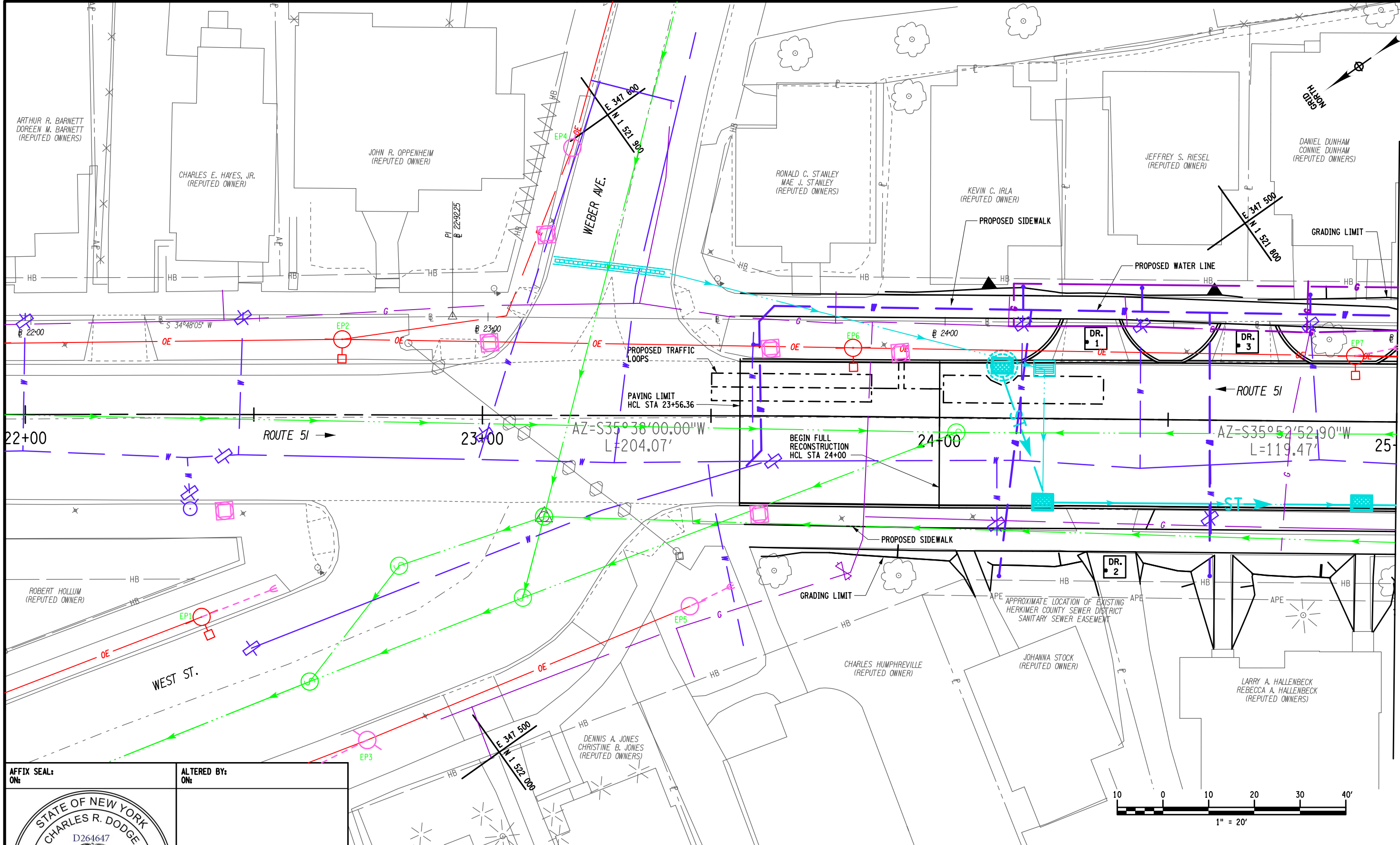
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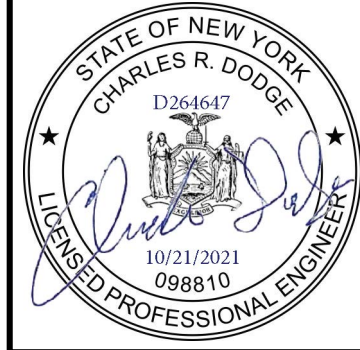
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		ROUTE 51 UTILITY QUALITY LEVEL A				
	COUNTY: HERKIMER	REGION: 02				NEW YORK STATE OF OPPORTUNITY Department of Transportation

FILE NAME = 200412_CPH_GNP_01
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 USER = mma,jeck

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 DRAFTING
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 DESIGN M. MAJECKI
 JOB MANAGER C. DODGE
 DESIGN SUPERVISOR J. TIBBITTS

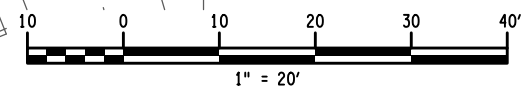


AFFIX SEAL:
 ON: _____
 ALTERED BY:
 ON: _____



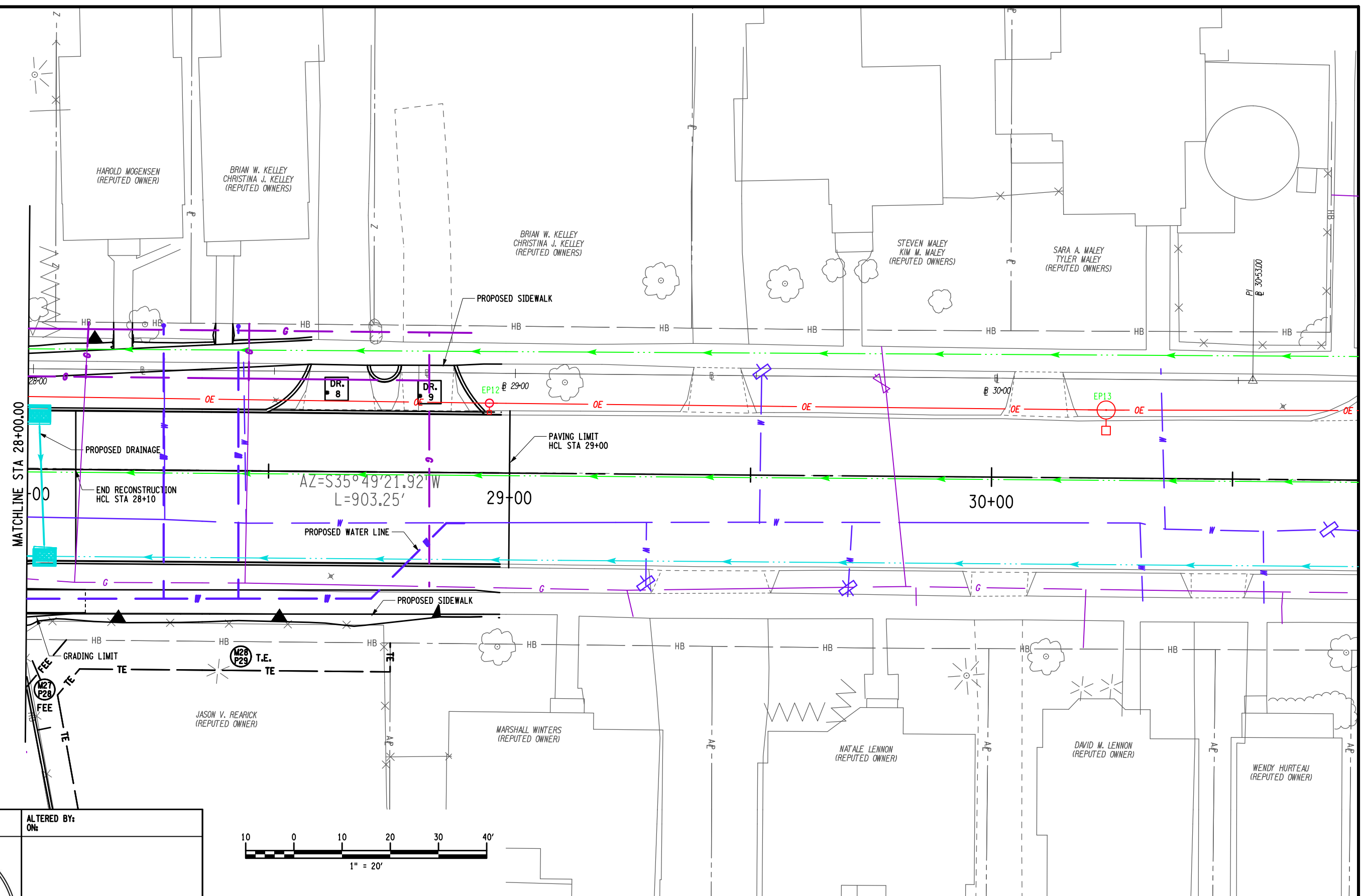
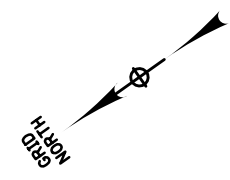
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		ROUTE 51	1026490		
	COUNTY: HERKIMER	UTILITY QUALITY LEVEL A		GENERAL PLANS	DRAWING NO. GP - 1
	REGION: 02			SHEET 1	SHEET NO. 32

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

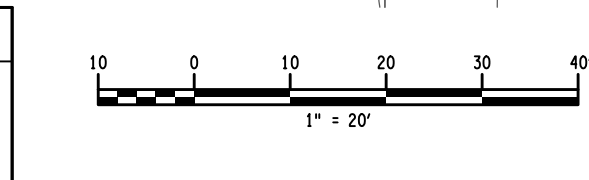


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DESIGN SUPERVISOR J. TIBBITTS
 JOB MANAGER C. DODGE
 DESIGN
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 CHECK
 PROJECT MANAGER



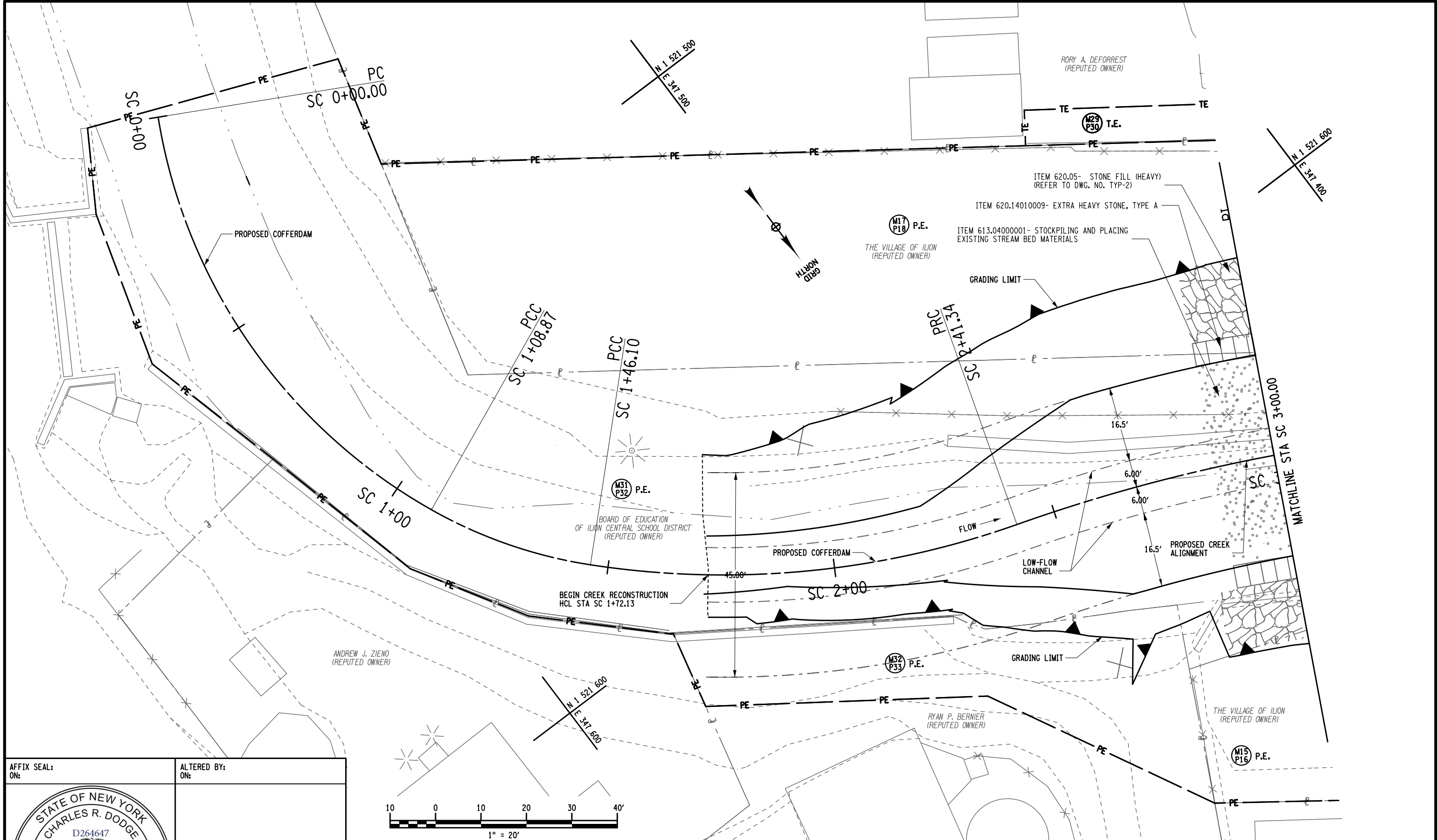
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		UTILITY QUALITY LEVEL A				GENERAL PLANS
	COUNTY: HERKIMER	REGION: 02			SHEET 3	SHEET NO. 34
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						Department of Transportation

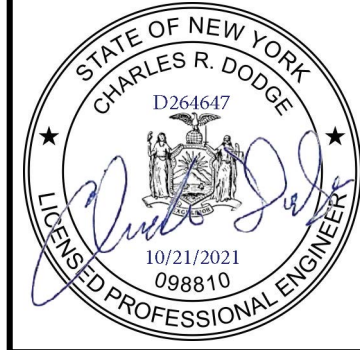
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PROJECT MANAGER
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 DRAFTING
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 DESIGN M. MAJECKI
 JOB MANAGER C. DODGE
 DESIGN SUPERVISOR J. TIBBITTS



AFFIX SEAL:
 ON: _____

ALTERED BY:
 ON: _____

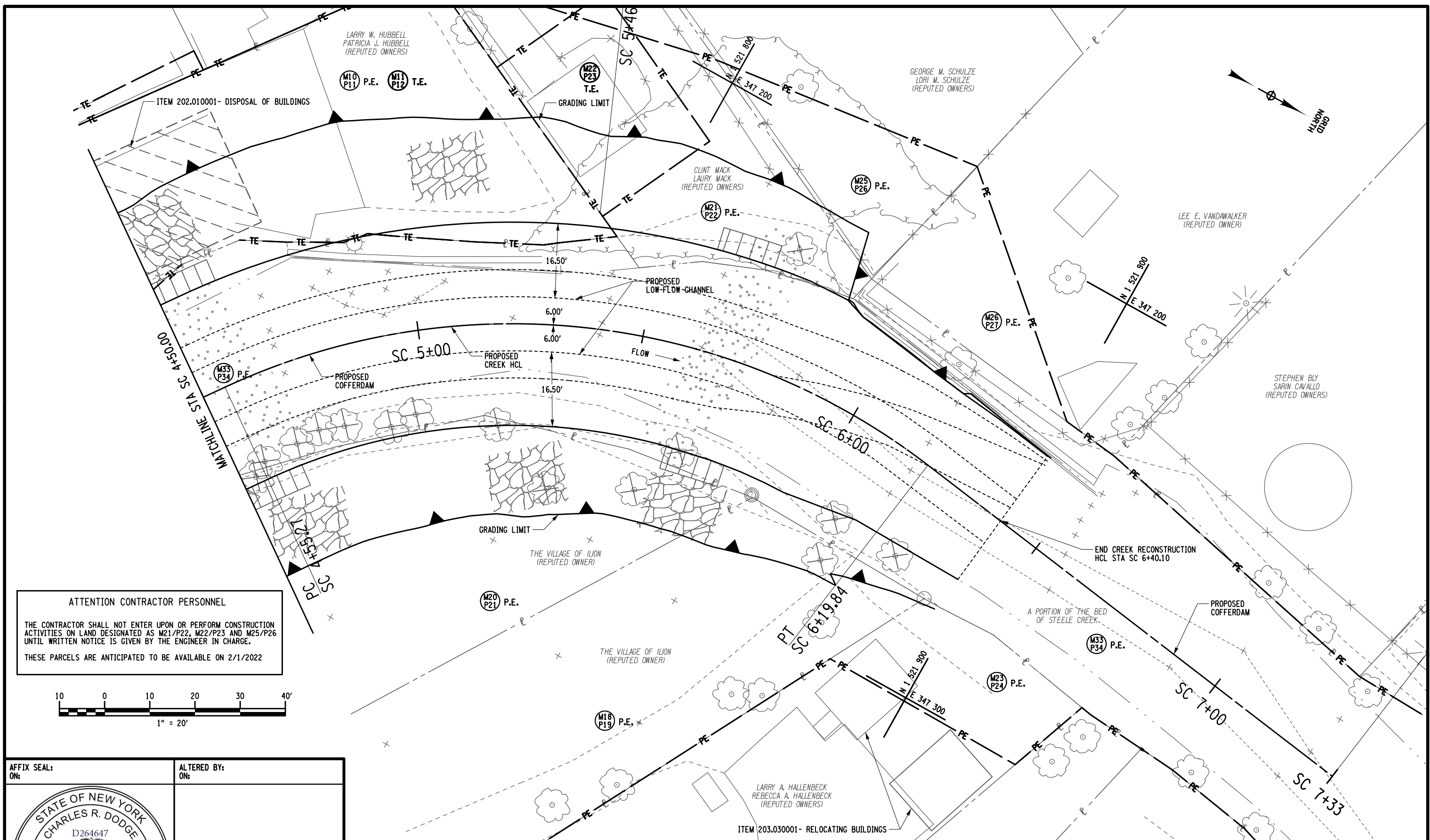


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED GENERAL PLANS SHEET 4	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02	UTILITY QUALITY LEVEL A			
IT IS A VIOLATION OF LAW FOR ANY 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.						DRAWING NO. GP - 4 SHEET NO. 35



FILE NAME = 200412_CPH_GNP_05
 DATE/TIME = 20-OCT-2021 13:07
 USER = mma/jeck

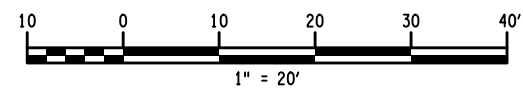
PROJECT MANAGER
 CHECK
 DRAFTING
 CHECK
 DESIGN M. MAJECKI
 JOB MANAGER C. DODGE
 DESIGN SUPERVISOR J. TIBBITTS



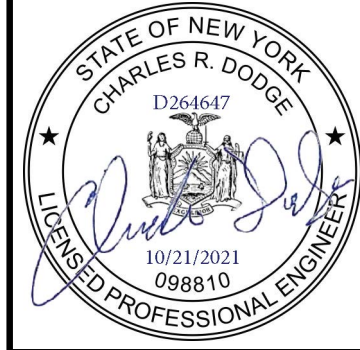
ATTENTION CONTRACTOR PERSONNEL

THE CONTRACTOR SHALL NOT ENTER UPON OR PERFORM CONSTRUCTION ACTIVITIES ON LAND DESIGNATED AS M21/P22, M22/P23 AND M25/P26 UNTIL WRITTEN NOTICE IS GIVEN BY THE ENGINEER IN CHARGE.

THESE PARCELS ARE ANTICIPATED TO BE AVAILABLE ON 2/1/2022



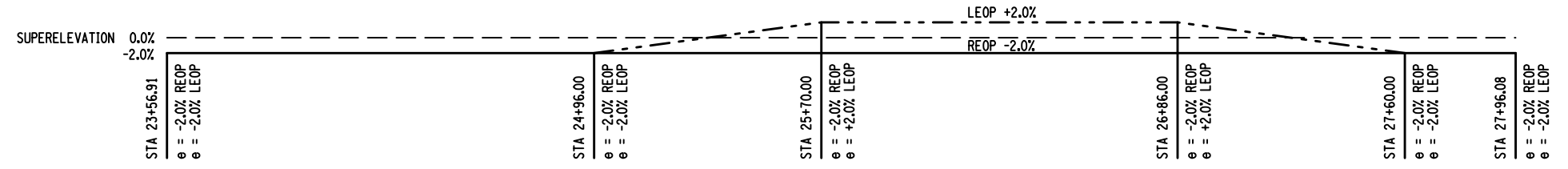
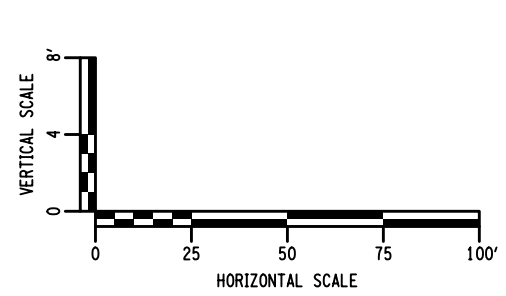
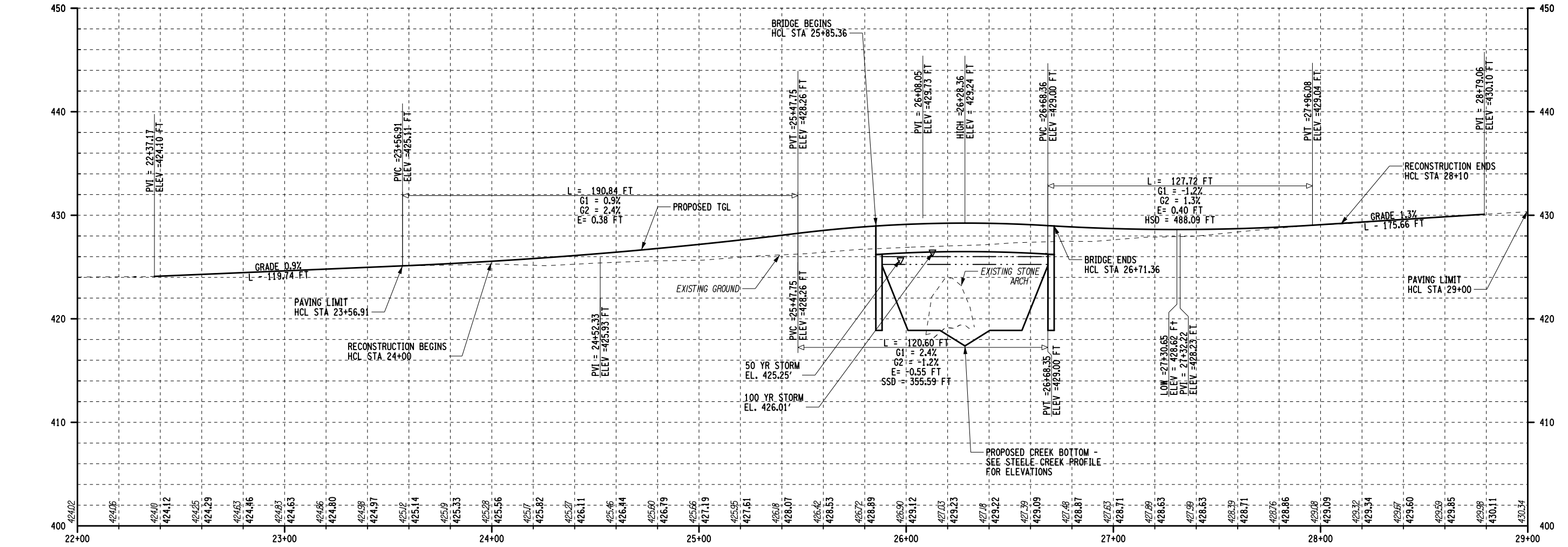
AFFIX SEAL: ON: _____
 ALTERED BY: ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51	UTILITY QUALITY LEVEL A			GENERAL PLANS
	COUNTY: HERKIMER	REGION: 02			SHEET 5	SHEET NO. 36

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





AFFIX SEAL: ON: _____

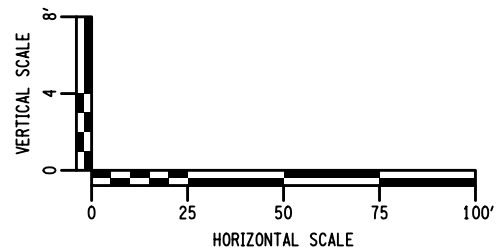
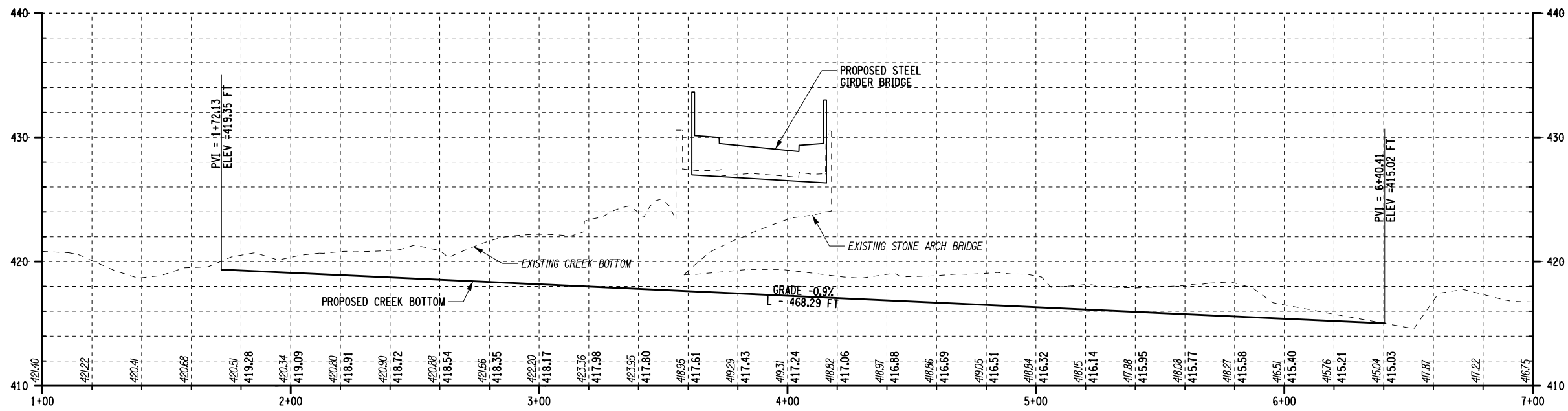
ALTERED BY: ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 2004.12 ROUTE 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED ROUTE 51 PROFILE	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02				DRAWING NO. PRO - 1 SHEET NO. 37

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

FILE NAME = 200412_cph_pro_steel_creek.dgn
 DATE/TIME = 19-OCT-2021 08:12
 USER = mmj/jeck

DESIGN SUPERVISOR J. TIBBITTS
 JOB MANAGER C. DODGE
 DESIGN
 CHECK
 DRAFTING
 CHECK
 PROJECT MANAGER



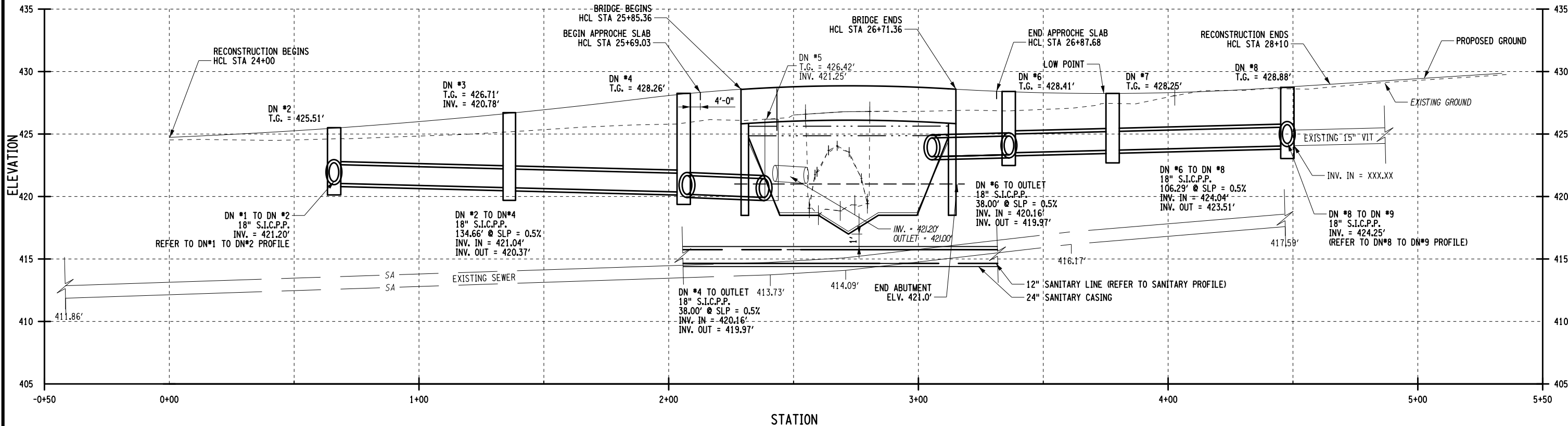
AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 2004.12 ROUTE 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED STEELE CREEK PROFILE	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02				DRAWING NO. PRO - 2 SHEET NO. 38

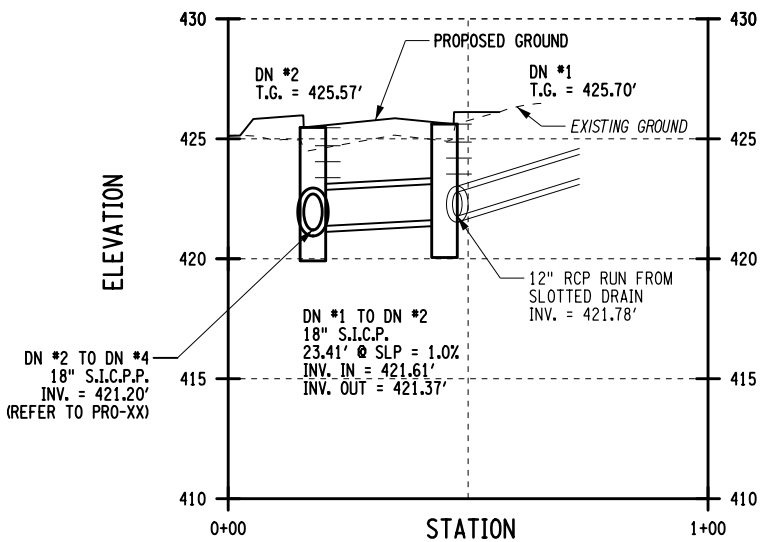
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



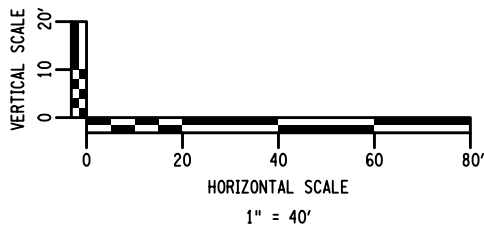
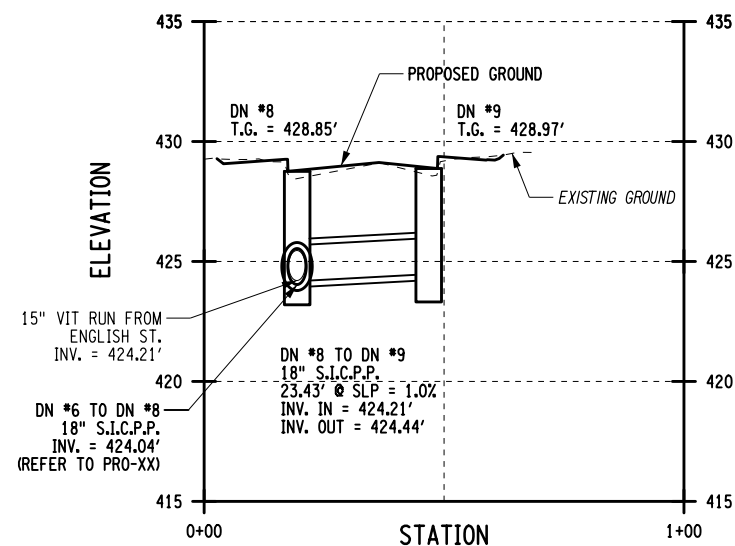
DRAINAGE PROFILE
CUT ALONG WEST CURB LINE



DN #1 TO DN #2
CUT ALONG EXISTING PIPE



DN #8 TO DN #9
CUT ALONG EXISTING PIPE



AFFIX SEAL:
ON: _____

ALTERED BY:
ON: _____



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET

PIN 200412
ROUTE 51
UTILITY QUALITY LEVEL A

BRIDGES
1026490

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D264647

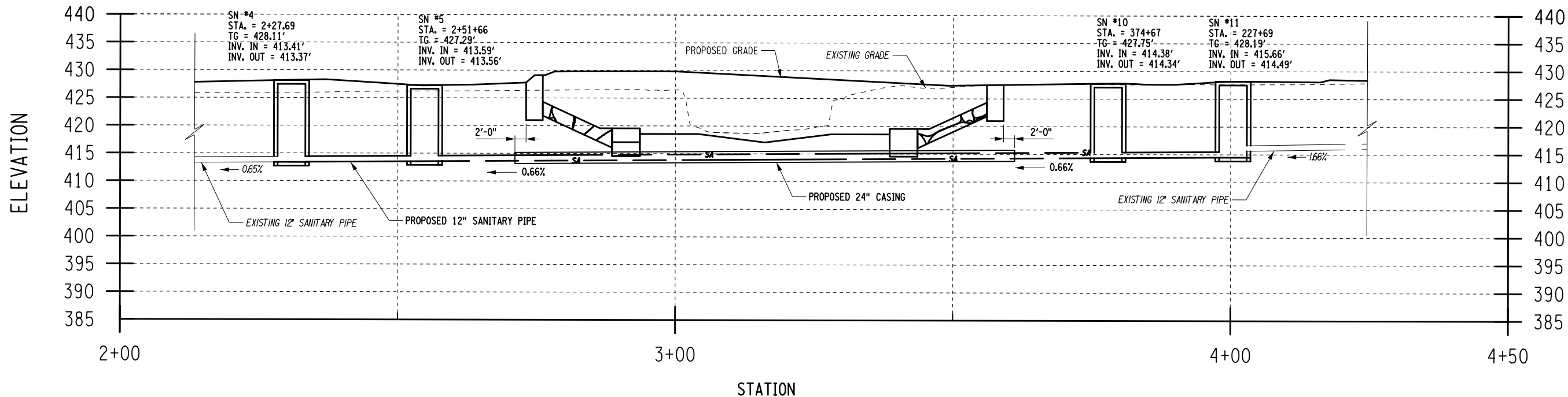
DRAINAGE PROFILE SHEET

DRAWING NO. DP-1
SHEET NO. 39

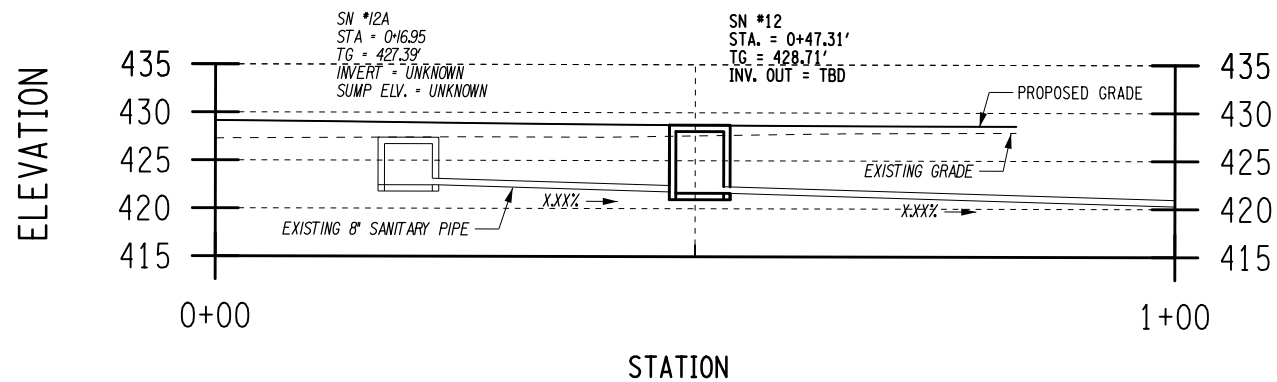
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



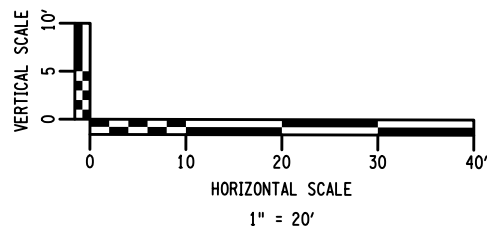
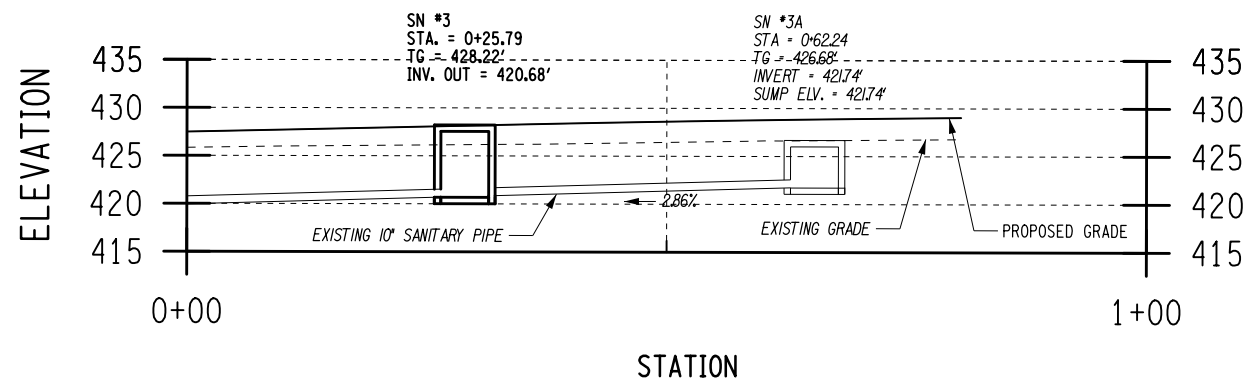
SN #4 TO SN #11



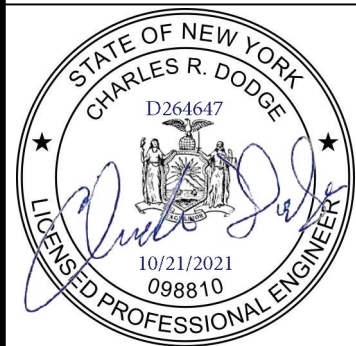
SN #12A TO SN#12



SN #3 TO SN #3A PROFILE



AFFIX SEAL: ON: _____
 ALTERED BY: ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51			SANITARY PROFILE SHEET	DRAWING NO. SP-1
		UTILITY QUALITY LEVEL A				SHEET NO. 40
	COUNTY: HERKIMER	REGION: 02				

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



FILE NAME = 200412_cph_wgt_pro
 DATE/TIME = 13-OCT-2021 11:23
 USER = mma/jecki

PROJECT MANAGER

CHECK

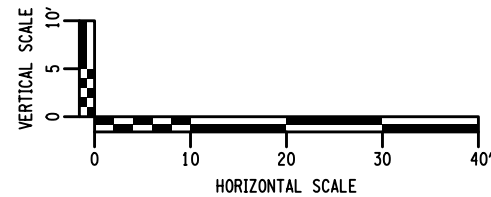
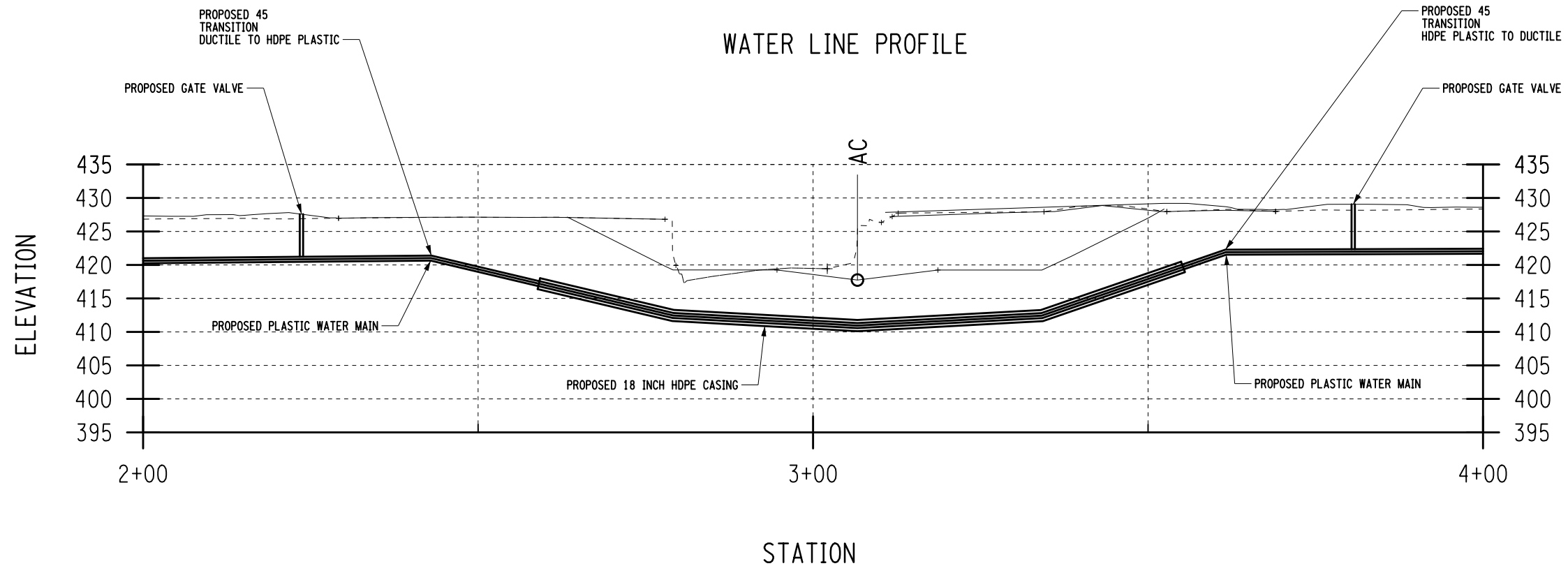
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DESIGN M. MAJECKI

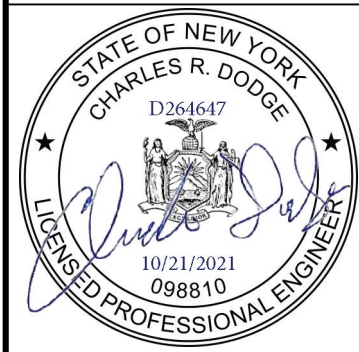
JOB MANAGER C. DODGE

DESIGN SUPERVISOR J. TIBBITTS



AFFIX SEAL:
ON: _____

ALTERED BY:
ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51			WATERMAIN PROFILE SHEET	DRAWING NO. WP-1
		UTILITY QUALITY LEVEL A				SHEET NO. 41
	COUNTY: HERKIMER	REGION: 02				

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.



OVERHEAD UTILITY DISPOSITION TABLE

PIN 2004.12 PROJECT NAME: STATE ROUTE 51/STEELE CREEK (BIN 1026490), VILLAGE OF ILION

EP POLE NUMBER ON PLANS	PAGE NUMBER	UTILITIES REAL POLE NUMBER	FACILITIES ON STRUCTURE						PROPOSED DESIGN CONFLICT WITH EXISTING UTILITIES	RELOCATION OR REMOVAL REQUIRED		WITHIN ROW		UNDERGROUND POWER RISER
			DIST	SEC	LIGHT	FIRE	CABLE	TEL		YES	NO	YES	NO	RELOCATION NEEDED (+)
EP 1	UT-1	ILION 20	X	X	X		X	X			X	X		
EP 2	UT-1	ILION 13 1/2	X	X	X	X	X	X			X	X		
EP 3	UT-1	ILION 21		X			X	X			X	X		
EP 4	UT-1	ILION 1/2	X			X	X	X			X	X		
EP 5	UT-1	ILION 22		X			X	X			X	X		
EP 6	UT-1	ILION 14	X	X	X		X	X			X	X		
EP 7	UT-1	ILION 15	X	X	X		X	X	IMPACT TO CONSTRUCTION (ELECTRIC LINES ONLY)	X		X		
EP 8	UT-2	ILION 16	X	X	X		X	X	IMPACT TO CONSTRUCTION	X		X		
EP 9	UT-2	ILION 17	X	X	X		X	X	IMPACT TO CONSTRUCTION	X		X		
EP 10	UT-2	ILION 18	X	X	X		X	X	IMPACT TO CONSTRUCTION (ELECTRIC LINES ONLY)	X		X		
EP 11	UT-2	ILION 1	X	X			X	X			X	X		
EP 12	UT-3	ILION 19	X	X	X		X	X			X	X		
EP 13	UT-3	ILION 20	X	X	X		X	X			X	X		

UNDERGROUND UTILITY DISPOSITION TABLE

PIN 2004.12 PROJECT NAME: STATE ROUTE 51/STEELE CREEK (BIN 1026490), VILLAGE OF ILION

DRAWING NUMBER	APPROXIMATE LENGTH OF IMPACTED FACILITIES	SIDE	UTILITIES AFFECTED				PROPOSED DESIGN CONFLICT WITH EXISTING UTILITIES	RELOCATION REQUIRED	
			SEWER	CABLE	TEL	GAS		YES	NO
UT-2	51 FEET	CROSSING				X	IMPACT TO CONSTRUCTION	X	
UT-2	52 FEET	CROSSING				X	IMPACT TO CONSTRUCTION	X	
UT-2	48 FEET	LEFT				X	IMPACT TO CONSTRUCTION	X	
UT-2	183 FEET	RIGHT				X	IMPACT TO CONSTRUCTION	X	
UT-2	58 FEET	RIGHT				X	IMPACT TO CONSTRUCTION	X	
UT-3	37 FEET	CROSSING				X	IMPACT TO CONSTRUCTION	X	
UT-3	51 FEET	CROSSING				X	IMPACT TO CONSTRUCTION	X	
UT-3	53 FEET	CROSSING				X	IMPACT TO CONSTRUCTION	X	

AFFIX SEAL: ON: _____ ALTERED BY: ON: _____



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
 PIN 200412
 ROUTE 51
 UTILITY QUALITY LEVEL A
 COUNTY: HERKIMER REGION: 02

BRIDGES 1026490
 CULVERTS
 ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
 DISPOSITION TABLE
 CONTRACT NUMBER D264647
 DRAWING NO. UTT SHEET NO. 42

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



FILE NAME = 200412.CPL_UT_01
 DATE/TIME = 20-OCT-2021 14:45
 USER = nma/jeckt

DESIGN SUPERVISOR: J. TIBBITTS

JOB MANAGER: C. DODGE

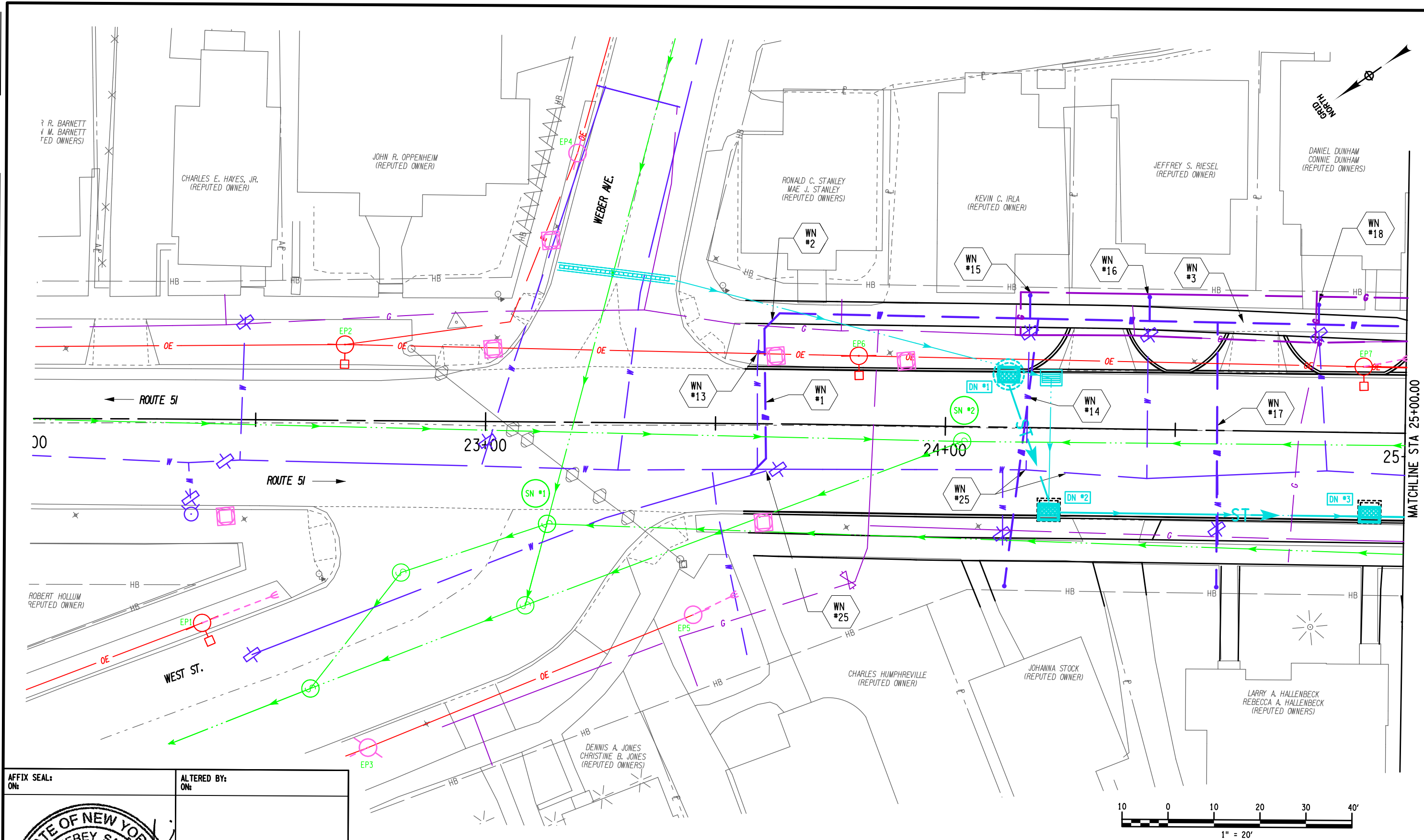
DESIGN: A. LAMANNA

CHECK: D. SADEKOSKI

DRAFTING: A. LAMANNA

CHECK: D. SADEKOSKI

PROJECT MANAGER: D.C. MOSHER



AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET COUNTY: HERKIMER REGION: 02	PIN 200412 ROUTE 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED UTILITY PLANS SHEET 1	CONTRACT NUMBER D264647 DRAWING NO. UT - 1 SHEET NO. 43
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						



FILE NAME = 200412_CPH_UT_02
 DATE/TIME = 28-OCT-2021 14:36
 USER = mma,jeck

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

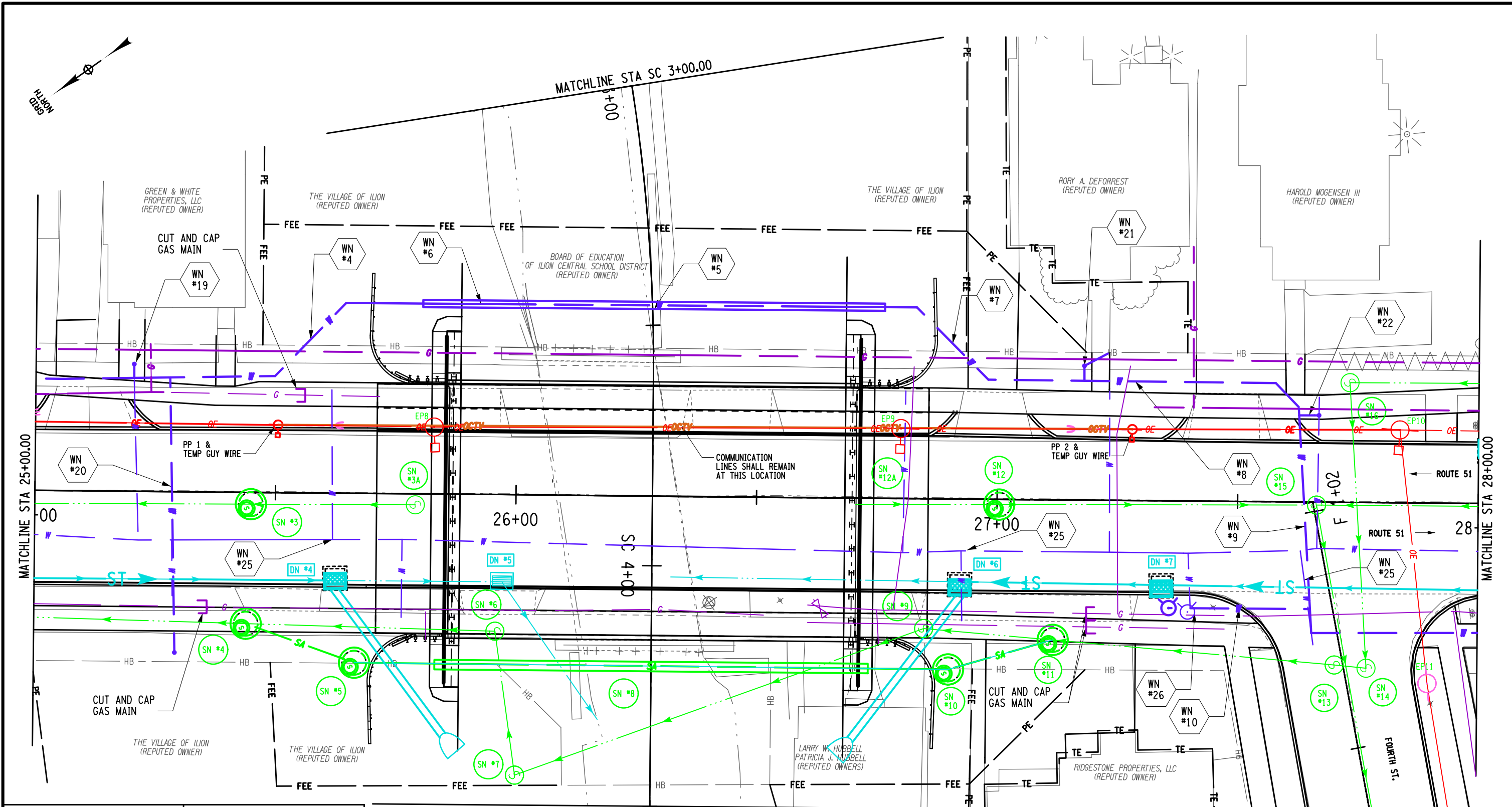
DESIGN A. LAMANNA

CHECK D. SADEROSKI

DRAFTING A. LAMANNA

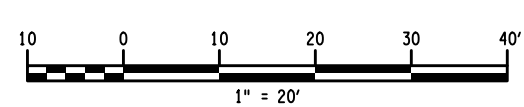
CHECK D. SADEROSKI

PROJECT MANAGER D.C. MOSHER



AFFIX SEAL:
ON:

ALTERED BY:
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51			UTILITY PLANS	DRAWING NO. UT - 2
		UTILITY QUALITY LEVEL A			SHEET 1	SHEET NO. 44
	COUNTY: HERKIMER	REGION: 02				

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



FILE NAME = 200412-CPH_UT_03
 DATE/TIME = 28-OCT-2021 14:59
 USER = mma/jeck

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

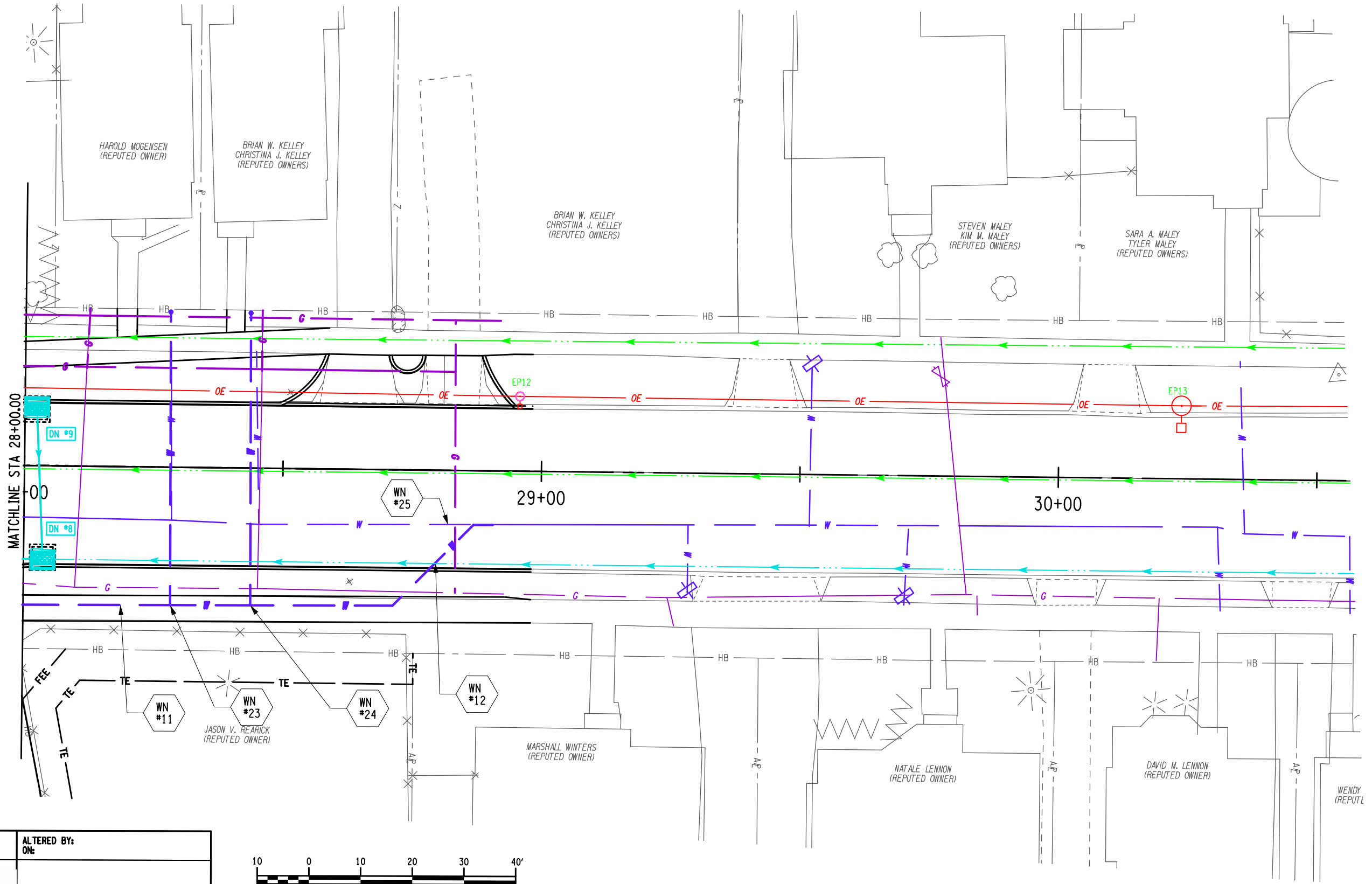
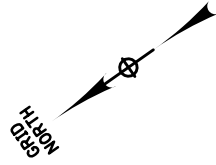
DESIGN A. LAMANNA

CHECK D. SADEKOSKI

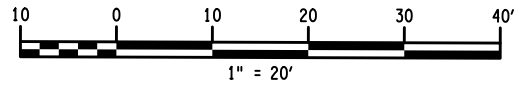
DRAFTING A. LAMANNA

CHECK D. SADEKOSKI

PROJECT MANAGER D.C. MOSHER



AFFIX SEAL: ON: _____
 ALTERED BY: ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
		ROUTE 51	UTILITY QUALITY LEVEL A			UTILITY PLANS
	COUNTY: HERKIMER	REGION: 02			SHEET 1	SHEET NO. 45

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



FILE NAME = 200412_cph_ssl.01
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 USER = mma,jeck

DESIGN SUPERVISOR J.TIBBITTS

JOB MANAGER C. DODGE

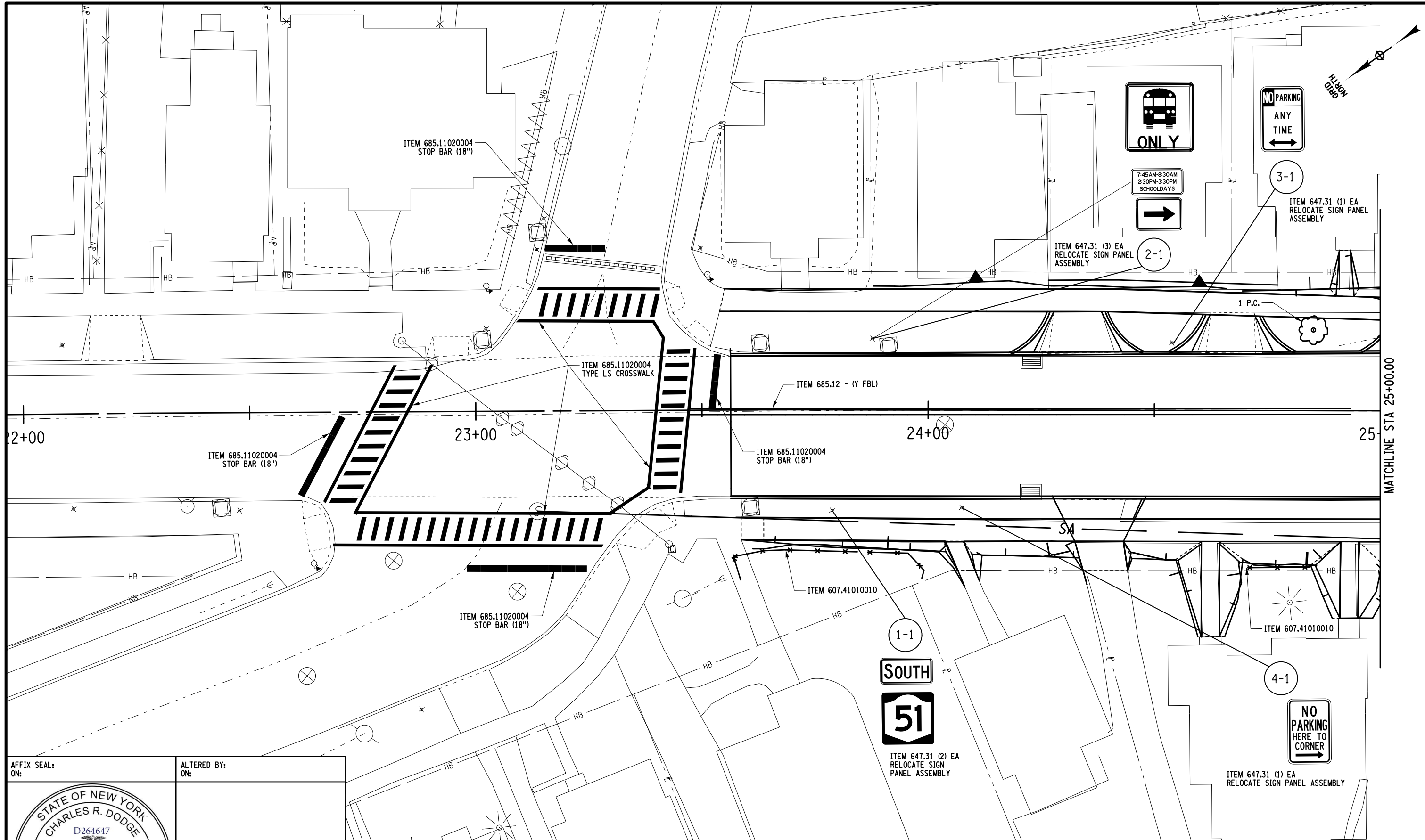
DESIGN M. MAJECKI

CHECK

DRAFTING

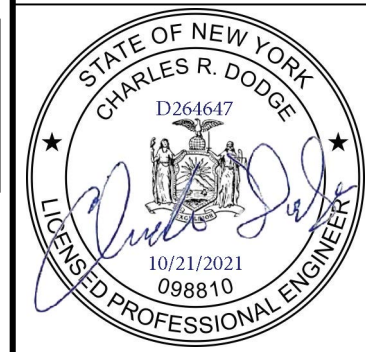
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PROJECT MANAGER



AFFIX SEAL:
ON:

ALTERED BY:
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED SIGN, STRIPING AND LANDSCAPE PLANS	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02	UTILITY QUALITY LEVEL A			SHEET 1 OF 5

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



MATCHLINE STA 25+00.00

FILE NAME = 200412_cph_ssl_02
 DATE/TIME = 19-OCT-2021 07:28
 USER = mma,jeckl

DESIGN SUPERVISOR J. TIBBITTS

JOB MANAGER C. DODGE

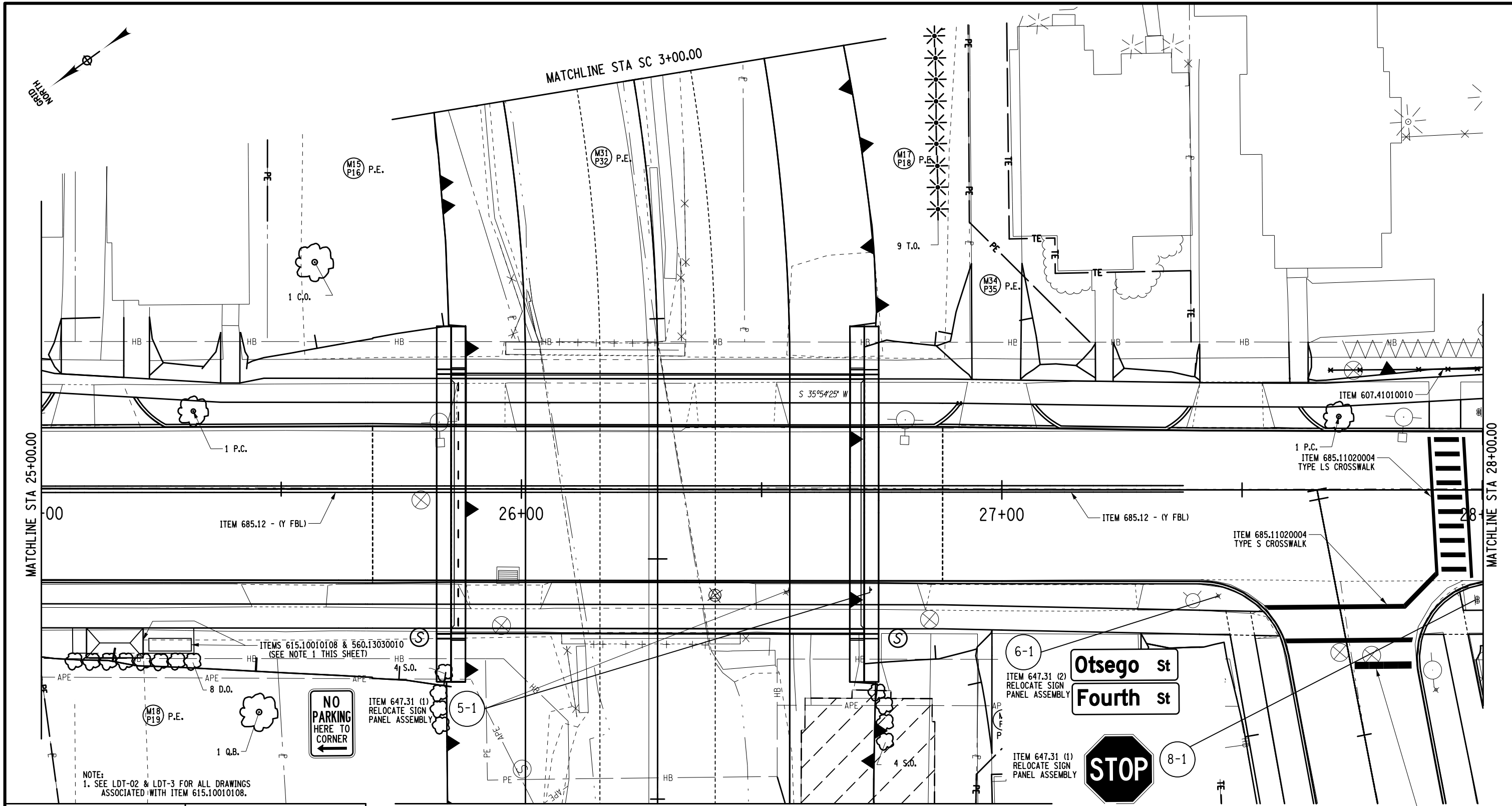
DESIGN M. MAJECKI

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PROJECT MANAGER



AFFIX SEAL: ON: _____

ALTERED BY: ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED SIGN, STRIPING AND LANDSCAPE PLANS	CONTRACT NUMBER D264647
		UTILITY QUALITY LEVEL A				SHEET 2 OF 5
	COUNTY: HERKIMER	REGION: 02				

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



FILE NAME = 200412_cph_ssl_03
 DATE/TIME = 13-OCT-2021 13:25
 USER = mma,jecki

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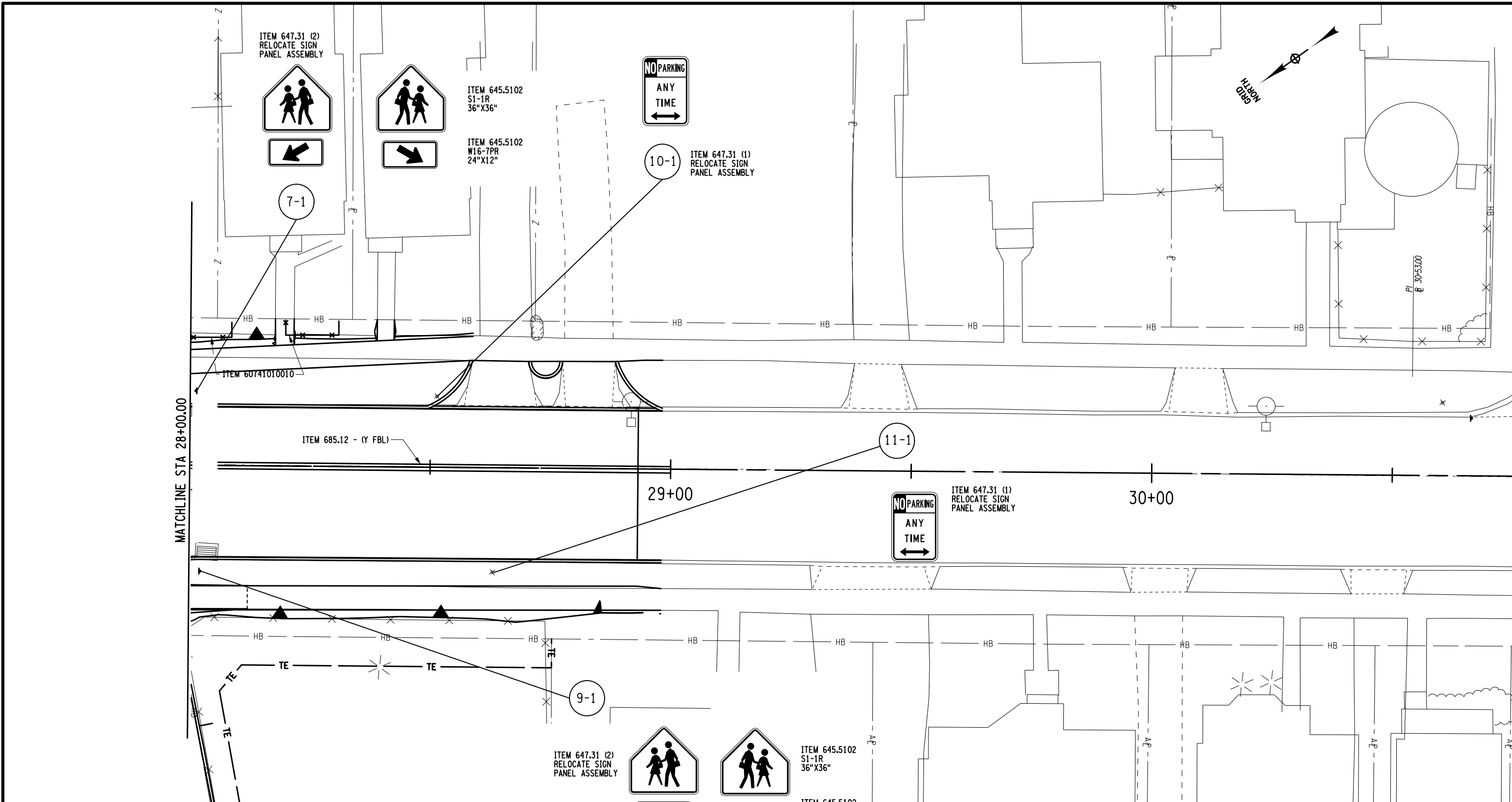
DESIGN M. MAJECKI

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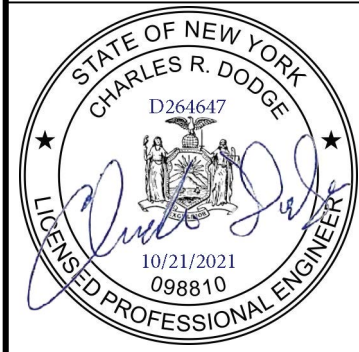
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AFFIX SEAL: ON: _____
 ALTERED BY: ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 200412
 ROUTE 51
 UTILITY QUALITY LEVEL A

BRIDGES
 1026490

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 SIGN, STRIPING AND LANDSCAPE PLANS
 SHEET 3 OF 5

CONTRACT NUMBER
 D264647
 DRAWING NO. SSL-03
 SHEET NO. 48

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



FILE NAME = 200412_cph_ssl_04
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 USER = mma,jecki

DESIGN SUPERVISOR J. TIBBITTS

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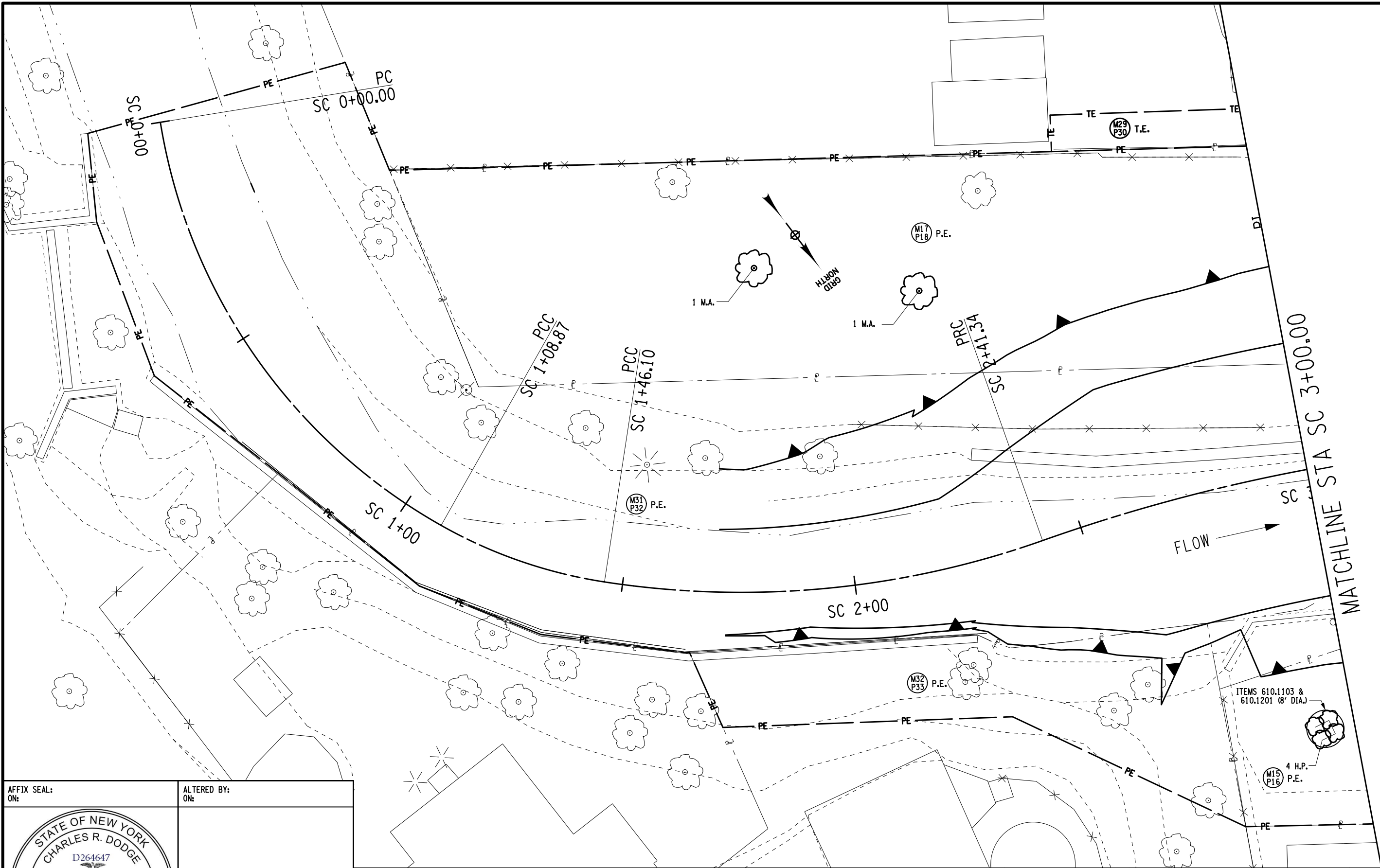
DESIGN M. MAJECKI

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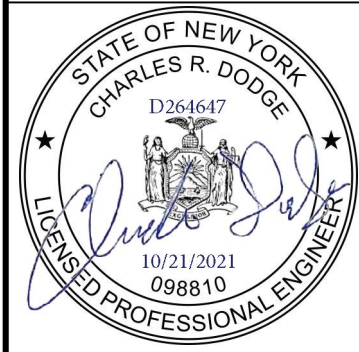
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PROJECT MANAGER



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AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 200412
 ROUTE 51
 UTILITY QUALITY LEVEL A

BRIDGES
1026490

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 SIGN, STRIPING AND LANDSCAPE PLANS
 SHEET 4 OF 5

CONTRACT NUMBER
D264647
 DRAWING NO. SSL-04
 SHEET NO. 49

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



FILE NAME = 200412_cph_ssl_05
 DATE/TIME = 13-OCT-2021 15:02
 USER = mma,jecki

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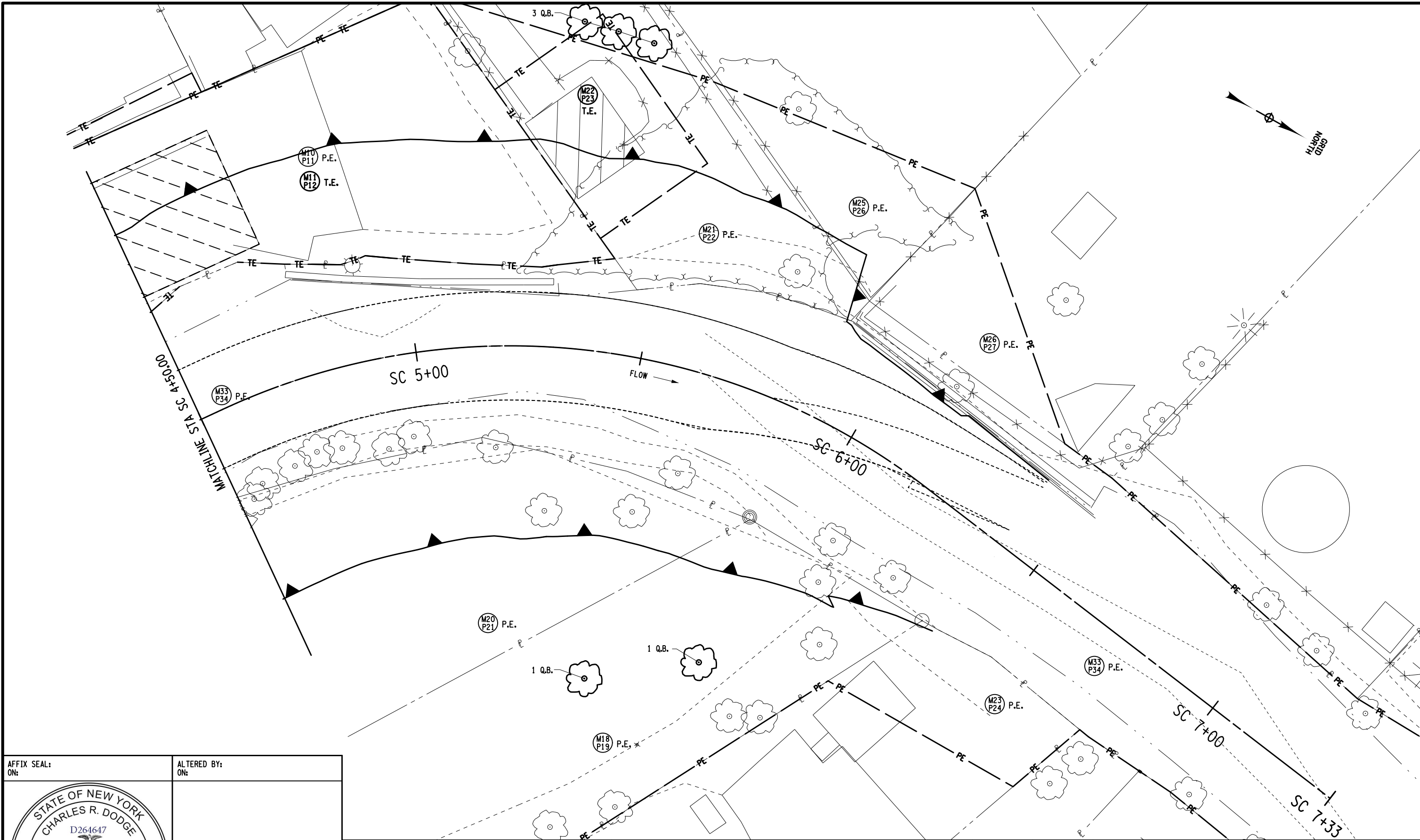
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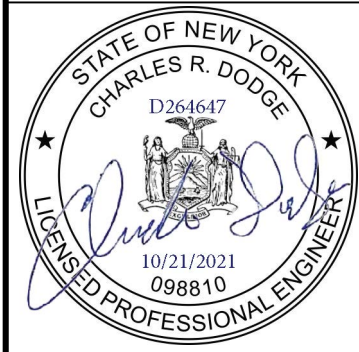
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PROJECT MANAGER



AFFIX SEAL: ON: _____
 ALTERED BY: ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

SH 5513 - ILION VILLAGE - OTSEGO STREET
 COUNTY: HERKIMER REGION: 02

PIN 200412
 ROUTE 51
 UTILITY QUALITY LEVEL A

BRIDGES
 1026490

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 SIGN, STRIPING AND LANDSCAPE PLANS
 SHEET 5 OF 5

CONTRACT NUMBER
 D264647
 DRAWING NO. SSL-05
 SHEET NO. 50

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.



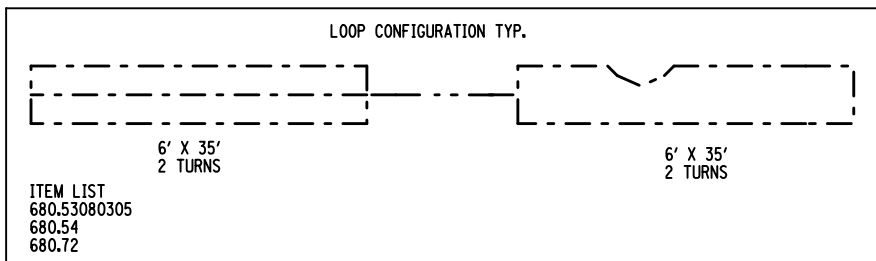
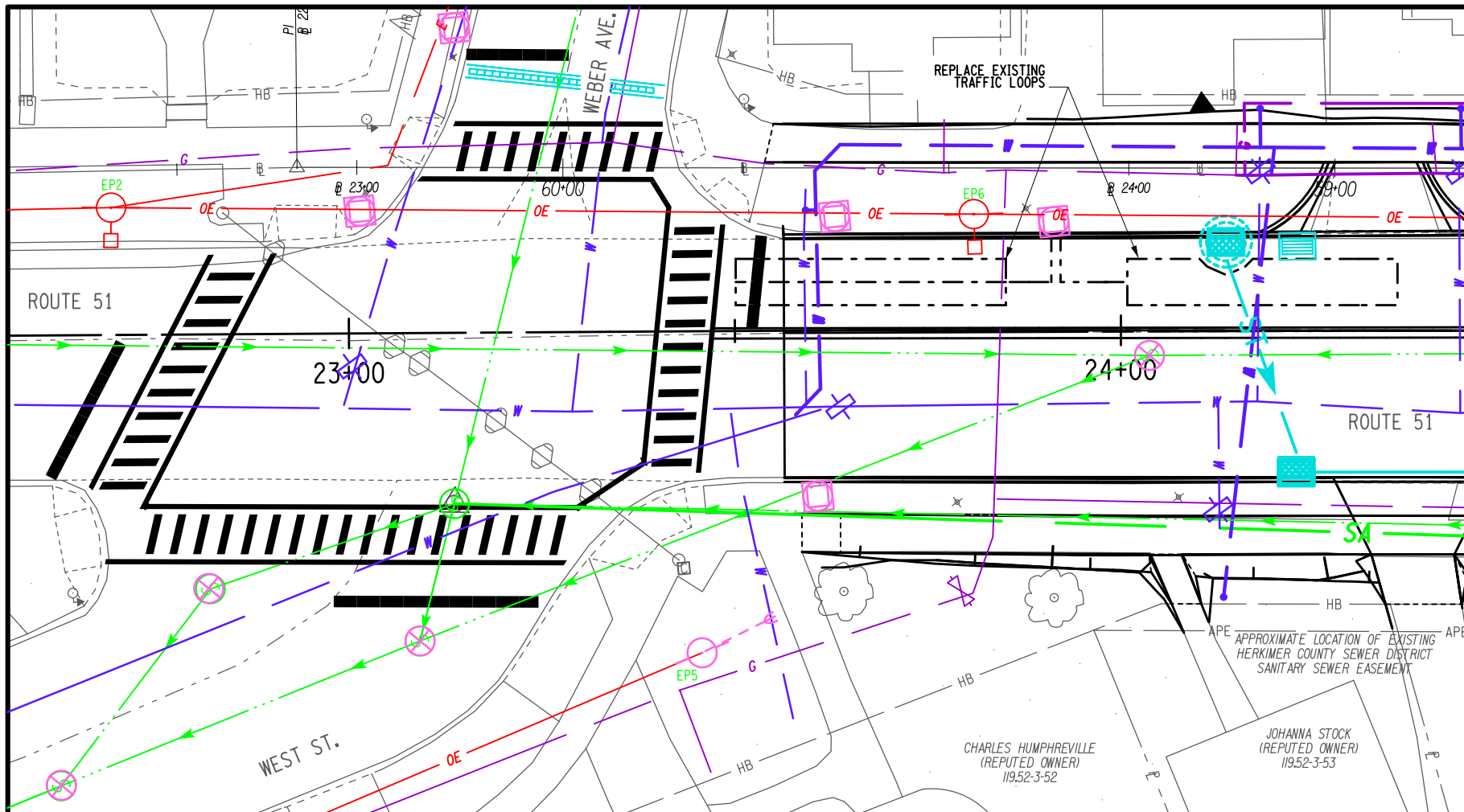
TRAFFIC SIGNAL GENERAL NOTES

A. GENERAL

- A1. CLARIFICATION OF THE CONTRACTOR'S RESPONSIBILITY REGARDING MAINTAINING LOOP DETECTION UNDER ITEM 619.1611 "MAINTAIN TRAFFIC SIGNAL EQUIPMENT": THE CONTRACTOR SHALL MAINTAIN ALL EXISTING VEHICLE AND PEDESTRIAN DETECTION WITH REASONABLE CARE. UNLESS OTHERWISE NOTED, THE MAXIMUM LENGTH OF TIME THAT AN INTERSECTION CAN BE WITHOUT DETECTION IS TWO (2) WEEKS. IF DETECTION IS NOT RESTORED WITHIN THIS TIME FRAME, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH VEHICLE DETECTION AT HIS EXPENSE. THE STATE OF NEW YORK WILL PAY FOR RE-ESTABLISHING THE VEHICLE DETECTION ONLY IF THE ENGINEER DETERMINES THAT THE CONTRACTOR WAS NOT ABLE TO AVOID DAMAGING THEM, EVEN WITH REASONABLE CARE. IN LIEU OF IN-PAVEMENT PRESENCE DETECTION, MICROWAVE PRESENCE DETECTORS MAY TEMPORARILY BE FURNISHED AND INSTALLED BY THE CONTRACTOR, PENDING APPROVAL BY THE DEPARTMENT.
- A2. UNDER ITEM 619.1611 (REQUIREMENT A) THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT AFFECTED BY, OR INCLUDED IN, THIS CONTRACT:
 REGION (02) HERKIMER COUNTY (23) SIGNAL:
 SIGNAL #5 - RTE 51 @ WEST ST. AND WEBER AVE.
 THE DURATION OF THIS MAINTENANCE SHALL BEGIN ON THE DATE OF CONTRACT AWARD AND CONTINUE THROUGH ACCEPTANCE OF THE CONTRACT BY THE DEPARTMENT, REGARDLESS OF WHEN ACTUAL WORK AT A SIGNAL BEGINS.
 NO CHANGES IN THE SIGNAL OPERATION OR TIMING PLANS SHALL BE PERMITTED WITHOUT APPROVAL OF THE DEPARTMENT.
- A3. THE CONTRACTOR SHALL REQUEST PERMISSION FROM THE DEPARTMENT TO ENTER INTO ANY EXISTING TRAFFIC SIGNAL CONTROLLER CABINET, TO DO ANY WORK ON AN EXISTING TRAFFIC SIGNAL, OR BEFORE ENERGIZING ANY NEW TRAFFIC SIGNAL INSTALLATION.
- A4. THE CONTRACTOR SHALL STAKE OUT AND VERIFY ALL COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM PRIOR TO INSTALLATION. N.Y.S. DEPARTMENT OF TRANSPORTATION SHALL APPROVE FINAL PLACEMENT. FINAL LOCATION OF SIGNAL POLES/HEADS MAY REQUIRE MODIFICATION TO THE TYPE AND QUANTITY OF SIGNAL HEAD BRACKET ASSEMBLIES (EXAMPLE: (2) ONE-WAY BRACKETS MAY BE REQUIRED RATHER THAN (1) TWO-WAY BRACKET, AS SHOWN ON PLANS).
- A5. PRIOR TO THE COMMENCEMENT OF ANY WORK ON TRAFFIC SIGNALS, AN ON-SITE PRE-CONSTRUCTION MEETING SHALL TAKE PLACE BETWEEN THE CONTRACTOR, THE DEPARTMENT, AND APPROPRIATE UTILITY COMPANIES AT THE PROJECT ENGINEER'S REQUEST.
- A6. REFER TO THE MISCELLANEOUS DETAIL SHEETS IN CONTRACT PLANS FOR ADDITIONAL INFORMATION.
- A7. REFER TO THE STANDARD SPECIFICATIONS AND STANDARD CONSTRUCTION SHEETS FOR ADDITIONAL INFORMATION AND DETAILS. ALL APPLICABLE REQUIREMENTS SHALL APPLY, AS ORDERED BY THE ENGINEER.
- A8. THE CONTRACTOR SHALL SUPPLY ALL WORK ZONE TRAFFIC CONTROL IN ACCORDANCE WITH ITEM 619.01-BASIC WORK ZONE TRAFFIC CONTROL, THE CONTRACT DOCUMENTS, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ITS NYS SUPPLEMENT. THIS WILL BE REQUIRED FOR ALL INSPECTIONS OR CORRECTIVE ACTIONS ON NEWLY INSTALLED OR MODIFIED SIGNALS. THIS SHALL INCLUDE ALL NECESSARY SIGNING, ATTENUATORS, LANE CLOSURES OR ANY INCIDENTALS REQUIRED TO PROPERLY MAINTAIN TRAFFIC. THIS WILL BE TERMINATED WHEN THE SIGNAL IS ACCEPTED BY THE REGIONAL TRAFFIC SAFETY AND MOBILITY GROUP.

B. LOOPS

- B1. THE SPLICE BETWEEN THE LOOP WIRES AND THE SHIELDED LEAD-IN CABLE SHALL BE SOLDERED AND NOT CRIMPED.
- B2. THE MINIMUM DISTANCE BETWEEN LOOP WIRE LEAD-INS, AS SHOWN ON STANDARD SHEET 680-14, SHALL BE INCREASED FROM 6 IN. TO 1 FT.
- B3. ALL LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE LANES AND AS PER STANDARD SHEET 680-14.
- B4. WHERE NEW PAVEMENT IS TO BE PLACED, VEHICLE DETECTOR LOOPS SHALL BE INSTALLED IN THE BINDER COURSE OR MILLED SURFACE (AS ORDERED BY THE ENGINEER) PRIOR TO THE PLACEMENT OF THE TOP COURSE. THE CONTRACTOR SHALL LAYOUT FINAL LANE LINES PRIOR TO THE LAYOUT OF INDUCTANCE LOOPS.
- B5. ALL VEHICLE DETECTOR LOOPS SHALL HAVE TWO, THREE, OR FOUR TURNS OF WIRE PER LOOP, AS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.



AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 ROUTE 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED TRAFFIC SIGNAL PLAN AND NOTES	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02				DRAWING NO. TSP-1 SHEET NO. 51

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



FILE NAME = 200412_cpl.tsp
DATE/TIME = 13-OCT-2021 13:53
USER = mmajeccki

PROJECT MANAGER
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 DRAFTING
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 DESIGN M. MAJECKI
 JOB MANAGER C. DODGE
 DESIGN SUPERVISOR J. TIBBITTS

LANDSCAPE GENERAL NOTES

PLANTINGS

1. SEE CONTRACT PLANS FOR LOCATIONS.
2. CONTAINER GROWN MATERIAL - IN ORDER TO DISRUPT CIRCLING ROUTES, RESULTING FROM PLANTS BEING CONTAINER GROWN, ALL CONTAINER GROWN MATERIAL SHALL HAVE THEIR ROOTBALLS CUT, VERTICALLY, APPROXIMATELY 1" DEEP, IN FOUR PLACES AT 90 DEGREE INTERVALS, EVENLY SPACED.
3. WATERING TRUCK SHALL BE ON SITE AND FILLED TO PROVIDE WATERING WHILE NEW PLANTS ARE INSTALLED.

TREE SPECIFICATIONS

QUERCUS BICOLOR, 2.5" MIN. CALIPER, 12' TO 14' HEIGHT, LOWEST BRANCH 6' FROM TRUNCK FLARE.
 CELTIS OCCIDENTALIS 'PRARIE SENTINEL', 2.5" MIN. CALIPER, 12' TO 14', LOWEST BRANCH 6' FROM TRUNK FLARE.

FALL DIG HAZARD

QUERCUS, SPECIES
 CELTIS, SPECIES
 MALUS, SPECIES

TREE AND VEGETATION PROTECTION

ALL EXISTING TREES WITH A TRUNK DIAMETER OF 3" OR GREATER WITHIN THE IMMEDIATE AREA OF THE CONTRACTOR'S WORK OR IN PROXIMITY TO STAGING AREAS, OR AS IDENTIFIED IN THE CONTRACT DOCUMENTS, SHALL BE PROTECTED BY PLACEMENT OF 'ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE' (FENCE PRIOR TO THE START OF WORK. ADDITIONAL TREES REQUIRING PROTECTION MAY BE DESIGNATED BY THE ENGINEER-IN-CHARGE (EIC) IN CONSULTATION WITH THE PROJECT LANDSCAPE ARCHITECT.

FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF A TREE OR AROUND THE PERIMETER OF A GROUP OF TREES, EXTENDING A MINIMUM OF 3' BEYOND THE DRIP LINE (EDGE OF TREE CANOPY) OF THE TREE(S). IF 3' BEYOND THE DRIP LINE CANNOT BE ACHIEVED DUE TO NECESSARY CONSTRUCTION ACTIVITIES, THE FENCE SHALL BE INSTALLED AT THE FURTHEST POSSIBLE DISTANCE FROM THE TRUNK.

THE CONTRACTOR SHALL NOT BE ALLOWED TO STOCKPILE MATERIAL, STORE EQUIPMENT, OR DRIVE OR PARK VEHICLES BENEATH THE DRIP LINE OF ANY TREES DESIGNATED FOR PROTECTION EXCEPT IN AREAS SHOWN ON THE CONTRACT DOUCUMENTS.

PROJECT MANAGER

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DRAFTING B. HETZLER

CHECK

DESIGN M. MAJECKI

JOB MANAGER

DESIGN SUPERVISOR C. DODGE

AFFIX SEAL: ON:	ALTERED BY: ON:
	AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:
	SH 5513 - ILION VILLAGE - OTSEGO STREET
	COUNTY: HERKIMER REGION: 02

SH 5513 - ILION VILLAGE - OTSEGO STREET

COUNTY: HERKIMER REGION: 02

PIN 200412
51
UTILITY QUALITY LEVEL A

BRIDGES
1026490

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

LANDSCAPE NOTES

CONTRACT NUMBER
D264647

DRAWING NO. LAN-01
SHEET NO. 52

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FILE NAME = 200412_cph_laf_01.dgn
 DATE/TIME = 18-OCT-2021 13:29
 USER = rhetzler

JOB MANAGER

DESIGN M. MAJECKI

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PROJECT MANAGER


SUPPLEMENTAL LANDSCAPE DEVELOPMENT SPECIFICATIONS ITEM 611 PLANT LIST									
PLANT ITEM #	SYM	QTY	GENUS & SPECIES (& VARIETY, IF NECESSARY) COMMON NAME	SIZE	ROOTS	BALL DIA * (INCH)	PIT DIA (INCH)	SOURCE	REMARKS
611.0161	Q.B.	6	QUERCUS BICOLOR 'BEACON' BEACON OAK	2.50" MIN. CAL.	B&B	28.0"/17.0"	70"	N.G.	STREET TREE QUALITY*. TREES SHALL BE STAKED AND RODENT GUARDS ADDED.
611.0161	C.O.	1	CELTIS OCCIDENTALIS 'PRARIE SENTINEL' PRAIRIE SENTINEL HACKBERRY	2.50" MIN. CAL.	B&B	28.0"/17.0"	70"	N.G.	STREET TREE QUALITY*. SHALL BE STAKED AND RODENT GUARD ADDED.
611.0291	M.A.	2	MALUS 'ADAMS' ADAMS CRABAPPLE	1.75" MIN. CAL.	B&B	22.0"/13.2"	66"	N.G.	TREE FORM TREES SHALL BE STAKED AND RODENT GUARD ADDED
611.0291	P.C.	2	PYRUS CALLERYANA 'JACK' JACK PEAR	1.75" MIN. CAL.	B&B	22.0"/13.2"	66"	N.G.	TREE FORM TREES SHALL BE STAKED AND RODENT GUARD ADDED
611.0291	S.R.	1	SYRINGA RETICULATA 'IVORY SILK' IVORY SILK TREE LILAC	1.75" MIN. CAL.	B&B	22.0"/13.2"	66"	N.G.	TREE FORM SHALL BE STAKED AND RODENT GUARD ADDED
611.0361	T.O.	9	THUJA OCCIDENTALIS 'EMERALD GREEN' EMERALD GREEN AMERICAN ARBORVITAE	5'-0" MIN. HT.	B&B	22.0"/13.2"	66"	N.G.	PLANTS SPACED 4.0' O.C. SEE NOTE #2 BELOW
611.0422	S.O.	8	SYMPHORICARPOS ORBICULATUS CORAL BERRY	1'-3" MIN. HT.	C.G. #3	9.0"/5.7"	27"	N.G.	MINIMUM 5 CANES. PLANTS SPACED 3.0' O.C. SEE NOTE #2 BELOW
611.0422	D.O.	8	DIERVILLA X 'G2X88544' KODIAK ORANGE	1'-3" MIN. HT.	C.G. #3	9.0"/5.7"	27"	N.G.	MINIMUM 5 CANES. PLANTS SPACED 3.0' O.C. & 3.0' O.C. FROM BACK OF PAD. SEE NOTE #2 BELOW
611.0432	H.P.	4	HYDRANGEA PANICULATA 'LITTLE QUICK FIRE' LITTLE QUICK FIRE HYDRANGEA	1'-6" MIN. HT.	C.G. #3	10.0"/6.5"	30"	N.G.	MINIMUM 4 CANES. PLANTS SPACED 4.0' O.C. SEE NOTE #2 BELOW


KEY TO ABBREVIATIONS

DBH - DIAMETER BREST HEIGHT (4'-6" ABOVE THE GROUND)	NS - NATIVE SOIL	FG - FIELD GROWN
CAL. - CALIPER	BR - BARE ROOT	CG - CONTAINER GROWN
DIA. - DIAMETER	B&B - BALLED AND BURLAPPED	NG - NURSERY GROWN
* = SEE DWG. NO. LAN-01 FOR INFORMATION.		

NOTES

- EACH DELIVERY OF PLANT MATERIAL SHALL BE ACCOMPANIED BY AN INVOICE AND POSITIVE IDENTIFICATION OF SPECIES AND/OR HYBRID CLEARLY WRITTEN OUT FOR THE ENGINEERS RECORDS. A CURRENT CERTIFICATE OF NURSERY INSPECTION BY THE SUPPLIER'S GOVERNING AGRICULTURAL AND MARKETS AGENCY IS ALSO REQUIRED FOR EACH DELIVERY.
- PLANTS SHALL BE PLANTED IN BED APPLICATION. MEANING, ENTIRE AREA OF BED WILL BE EXCAVATED AND FILLED WITH SPECIFIED SOIL, HAVE PERMEABLE WEED CONTROL LANDSCAPE FABRIC PLACED WITHIN BED, AND HAVE SPECIFIED MULCHED APPLIED TO AREA.
- SEE LANDSCAPE PLANTING DETAILS (SHEETS 1 OF 2 AND 2 OF 2), 611-01, FOR PLANTING DETAILS.
- FIRST NUMBER UNDER 'BALL DIAMETER' IS FOR BALL WIDTH, AND SECOND NUMBER IS FOR BALL DEPTH.

AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED LANDSCAPE TABLES	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02				DRAWING NO. LAT-01 SHEET NO. 53
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						 Department of Transportation

610 & 611 PLANTING ITEMS TABLE										
STATION/LOCATION	SIDE	ITEM 610.1103 MULCH ON PLANT PINE NUGGETS (CY)	ITEM 610.1201 PERM. WEED... FABRIC (SY)	ITEM 610.1402 TOPSOIL-ROADSIDE (CY)	ITEM 610.19 WATERING VEG. (MGAL)	ITEM 611.19010024 PPCR MAJ. DEC (EA)	ITEM 611.19020024 PPCR MIN. DEC (EA)	ITEM 611.19030024 PPCR EVG TREE (EA)	ITEM 611.19040024 PPCR DEC SHR (EA)	ITEM 611.21 RODENT GUARD (EA)
PROJECT LIMITS	L/R	1.0	9.2	14.4	12	7	5	9	20	12
TOTALS	-	1.0	9.2	14.4	12	7	5	9	20	12

NOTES:
 1. SEE DWG. NOS. SSL-01 THROUGH SSL-05 AND THIS SHEET FOR PLANT LOCATIONS.
 2. ITEM 610.1201 IS FOR ITEMS 610.0361, 0422 & 0432 AND NOT TO BE USED FOR INDIVIDUALLY PLACED TREES (EG. 610.0161 & 610.0291).
 3. SEE TABLES 'ITEMS 610.1602, 610.1402 & 610.19' AND 'ITEMS 610.18, 1402 & 19' THIS SHEET FOR ADDITIONAL QTY'S. OF ITEMS 610.1402 & 610.19.
 4. ITEM 610.1402 SHALL BE USED TO BACK FILL PLANTING PITS AND PLANTING BEDS.
 5. ALL PLANTS SHALL BE WATERED FOR ONE YEAR, ACCORDING TO NYSOT STANDARDS, AFTER ACCEPTANCE.

PLANTINGS STATION AND OFFSET, 1 OF 1					
ITEM NO.	SYM	QTY. (EA.)	STATION/OFFSET	SIDE	DWG. NO.
ITEM 611.0291	P.C.	1	24+85 +/- // 18' +/-	L	SSL-01
ITEM 611.0291	P.C.	1	25+30 +/- // 16' +/-	L	SSL-02
ITEM 611.0422	D.O.	8	25+25 +/- // 35' +/-	R	SSL-02
ITEM 611.0161	Q.B.	1	25+40 +/- // 150' +/-	R	SSL-05
ITEM 611.0161	Q.B.	1	25+45 +/- // 130' +/-	R	SSL-05
ITEM 611.0161	Q.B.	3	HOME OWNER'S BACK YARD	-	SSL-05
ITEM 611.0161	Q.B.	1	25+45 +/- // 45' +/-	R	SSL-02
ITEM 611.0161	C.O.	1	25+55 +/- // 45' +/-	L	SSL-02
ITEM 611.0422	H.P.	4	25+65 +/- // 80' +/-	L	SSL-04
ITEM 611.0422	S.O.	4	25+85 +/- // 40' +/-	R	SSL-02
ITEM 611.0422	S.O.	4	26+65 +/- // 40' +/-	R	SSL-02
ITEM 611.0291	M.A.	1	26+65 +/- // 160' +/-	L	SSL-04
ITEM 611.0291	M.A.	1	26+70 +/- // 200' +/-	L	SSL-04
ITEM 611.0331	T.O.	9	26+85 +/- // 60' +/-	L	SSL-02
ITEM 611.0291	S.R.	1	27+70 +/- // 15' +/-	L	SSL-02

ITEM 607.41010010			
STATION // OFFSET	QTY. (L.F.)	SIDE	DWG. NO.
TEMPORARY PLASTIC BARRIER FENCE (LF)			
23+75 +/- // 30' +/-	55'	R	SSL-01
24+80 +/- // 35' +/-	15'	R	SSL-01
27+75 +/- // 25' +/-	32'	L	SSL-02
28+05 +/- // 25' +/-	13'	L	SSL-03
28+25 +/- // 25' +/-	20'	L	SSL-03
TOTAL	135'	-	-

NOTE: ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE.

TURF ESTABLISHMENT



ITEMS 610.1602, 610.1402, 610.19, & 610.21						
STATIONS	SIDE	DWG. NO.	QTY. (S.Y.)	QTY. (C.Y.)	QTY. (MGAL)	QTY. (S.Y.)
BEHIND SIDEWALK						
23+50 +/- TO 24+05 +/-	R	SSL-01	9			
24+10 +/- TO 24+30 +/-	R	SSL-01	10			
24+40 +/- TO 24+60 +/-	R	SSL-01	12			
24+65 +/- TO 24+90 +/-	R	SSL-01	21			
24+95 +/- TO 25+85 +/-	R	SSL-02	89			
26+70 +/- TO 27+00 +/-	R	SSL-02	20			
27+30 +/- TO 27+50 +/-	R	SSL-02	6			
28+00 +/- TO 29+00 +/-	R	SSL-03	31			
23+50 +/- TO 24+25 +/-	L	SSL-01	27			
24+35 +/- TO 24+65 +/-	L	SSL-01	3			
24+80 +/- TO 25+05 +/-	L	SSL-01	8			
25+20 +/- TO 25+90 +/-	L	SSL-02	49			
26+70 +/- TO 26+90 +/-	L	SSL-02	25			
27+05 +/- TO 27+40 +/-	L	SSL-02	17			
27+60 +/- TO 28+60 +/-	L	SSL-03	40			
28+70 +/- TO 28+80 +/-	L	SSL-03	5			
TOTAL			372.0	63.2	12.5	744.0

NOTES:
 1. SEED TYPE SHALL BE '713-04 C. LAWN SEED MIX'.
 2. APPROVAL CRITERIA SHALL BE 'LAWN'.
 3. DEPTH OF ITEM 610.1402 SHALL BE 4".

SODDING

ITEMS 610.18, 610.1402, 610.19 & 610.21						
STATIONS	SIDE	DWG. NO.	QTY. (S.Y.)	QTY. (C.Y.)	QTY. (MGAL)	QTY. (SY)
BETWEEN CURB & SIDEWALK						
23+50 +/- TO 24+30 +/-	R	SSL-01	34			
24+95 +/- TO 25+00 +/-	R	SSL-01	24			
25+00 +/- TO 25+85 +/-	R	SSL-02	31			
26+70 +/- TO 27+40 +/-	R	SSL-02	35			
28+00 +/- TO 28+90 +/-	R	SSL-03	67			
23+15 +/- TO 24+30 +/-	L	SSL-01	59			
24+38 +/- TO 24+48 +/-	L	SSL-01	5			
24+53 +/- TO 24+57 +/-	L	SSL-01	5			
24+75 +/- TO 25+00 +/-	L	SSL-01	17			
25+20 +/- TO 25+45 +/-	L	SSL-02	27			
26+70 +/- TO 26+90 +/-	L	SSL-02	11			
27+10 +/- TO 27+40 +/-	L	SSL-02	14			
27+65 +/- TO 28+00 +/-	L	SSL-02	16			
28+00 +/- TO 28+67 +/-	L	SSL-03	27			
28+70 +/- TO 28+75 +/-	L	SSL-03	3			
FOURTH STREET	L	SSL-02	30			
FOURTH STREET	R	SSL-02	30			
TOTAL			435.0	74.0	14.6	870.0

NOTE:
 1. DEPTH OF ITEM 610.1402 SHALL BE 6" (SIX INCHES) FOR ITEM 610.18.

AFFIX SEAL: ON:	ALTERED BY: ON:
	
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET
	PIN 200412 51 UTILITY QUALITY LEVEL A
	BRIDGES 1026490
	CULVERTS
	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
	LANDSCAPE TABLES
	COUNTY: HERKIMER REGION: 02
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.	
CONTRACT NUMBER D264647 DRAWING NO. LAT-02 SHEET NO. 54	
 Department of Transportation	

ITEM 555.1240102 - ARCHITECTURAL TREATMENT OF VERTICAL CONCRETE SURFACES

CALICO CONSTRUCTION PRODUCTS
 3500 MEADE AVENUE
 LAS VEGAS, NV 89102
 HTTPS://CALICOPRODUCTS.COM
 1-800-221-9469 OR 1-702-873-4810
 PROLINERS EDGE LINERS - DENALI TEXTURE FLAT EDGE LINER, 5.5"

OR APPROVED EQUAL
 AND

ITEM 555.12400202 - ARCHITECTURAL TREATMENT OF VERTICAL CONCRETE SURFACES

SPEC FORMLINERS, INC.
 1038 E. 4TH STREET
 SANTA ANA, CA 92701
 WWW.SPECFORMLINERS.COM
 1-714-429-9500
 CUT ASHLAR 1553, 3/4" RELIEF, OR

CUSTOM ROCK FORMLINER
 2020 W. 7TH STREET
 ST. PAUL, MN 55116
 WWW.CUSTOMROCK.COM
 1-800-637-2447
 ROUGHCAST ASHLAR STONE 2100, 3/4" RELIEF,

OR APPROVED EQUAL

REVEAL/RUSTICATION STRIP

SYLVAN PRODUCTS, LLC
 7400 SW CHERRY DRIVE
 PORTLAND, OR 97223-8041
 HTTPS://SYLVAN-PRODUCTS.COM
 1-800-842-1990
 GOLD POLY-COMP REVEAL (1/2"x3/4"x3/4"), PART NO. RVL-050-075-075X10',

OR APPROVED EQUAL

INTEGRAL COLOR AND ANTIQUE RELEASE AGENT OPTIONS:

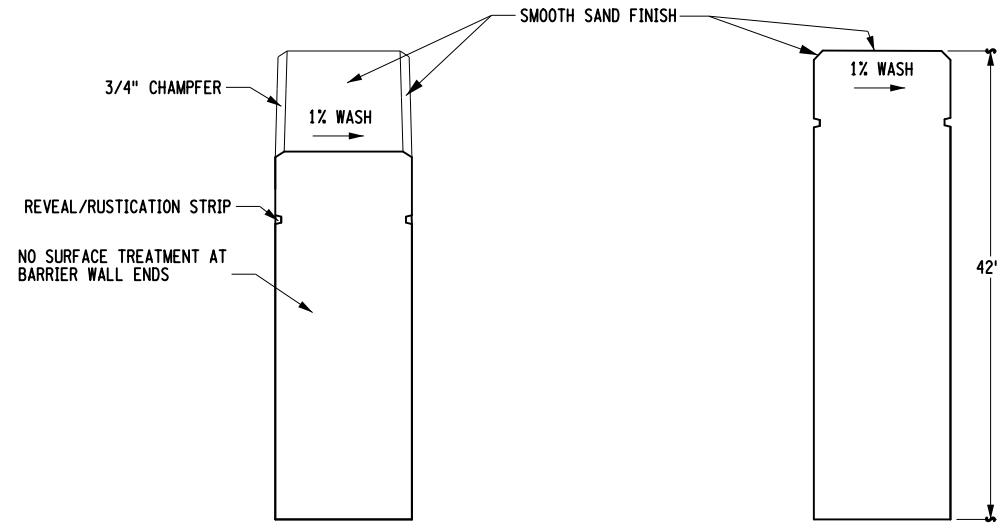
STAMPCRETE SILVER INTEGRAL COLOR W/ STAMPCRETE CHARCOAL RELEASE AGENT, OR

CALICO 22-OCEANSIDE INTEGRAL COLOR W/ CALICO SOFT GRAY (613) ANTIQUE RELEASE, OR

BRICKFORM FOG (PC-600) SRI61 POWDERED INTEGRAL COLOR W/ BRICKFORM LIGHT GRAY (600) ANTIQUE RELEASE.

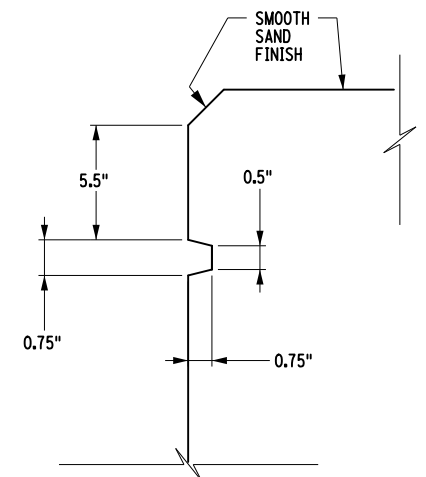
ITEM 559.91100010				
STATION // OFFSET	QTY. (S.F.)	SIDE	DWG. NO.	
25+86.03 TO 26+69.86// 29.5' +/-	350	R	ST-25	
25+86.03 TO 26+69.86// 22.6' +/-	350	L	ST-25	
TOTAL	700	-	-	

- NOTE:
 1. ITEM 559.91100010 - ANTI-GRAFFITI PROTECTIVE COATING.
 2. TO BE APPLIED TO EACH BARRIER/PARAPET WALL ON SIDE FACING TRAVEL LANES AND TO WALL ENDS & TOPS.

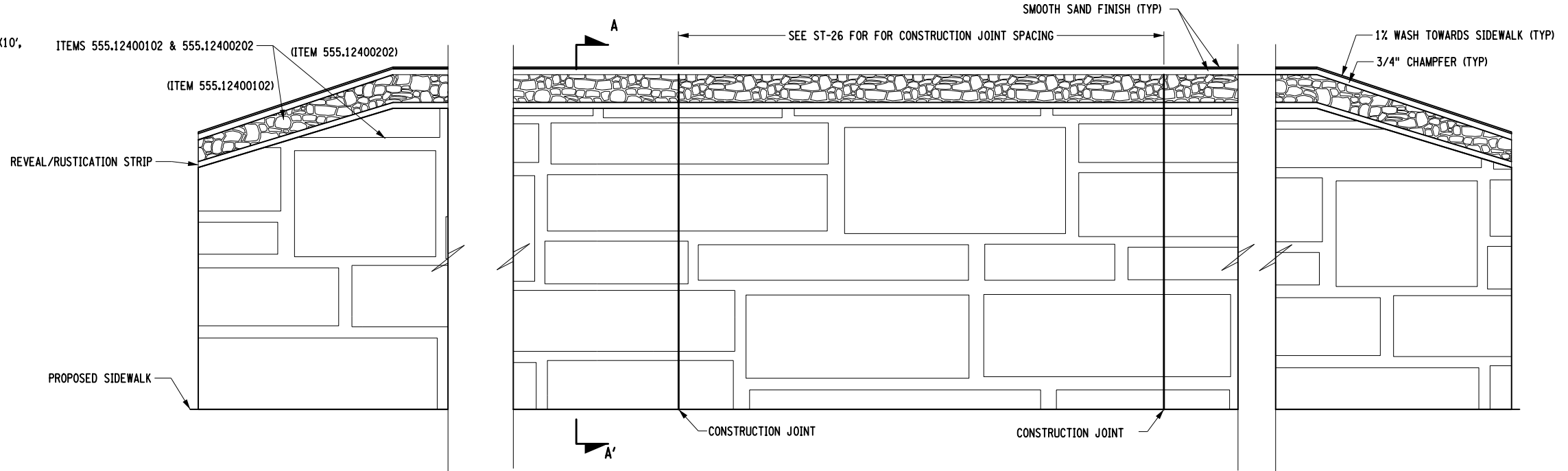


EAST SIDE BARRIER/PARAPET WALL
 END VIEW LOOKING SOUTH (TYP)
 NOT TO SCALE

EAST SIDE BARRIER/PARAPET WALL
 SECTION A-A' LOOKING SOUTH (TYP)
 NOT TO SCALE



REVEAL/RUSTICATION STRIP
 NOT TO SCALE



BARRIER/PARAPET WALL
 EAST SIDE ELEVATION (TYP)
 NOT TO SCALE

- NOTES:
 1. PRIOR TO INSTALLATION, CONTRACTOR SHALL SUBMIT CATALOG CUTS FROM MANUFACTURER DEPICTING PATTERN AS WELL AS SAMPLE COLORS OF CONCRETE AND RELEASE AGENT FOR APPROVAL.
 2. A 5'X10' (WIDTH X LENGTH) JOB SITE MOCK-UP IS REQUIRED FOR APPROVAL BY THE EIC IN CONSULTATION WITH THE PROJECT LANDSCAPE ARCHITECT (SEE ITEM 555.1ABONNO2).
 3. SEE DWG. NOS. ST-17, ST-25, & ST-26 FOR BARRIER/PARAPET RELATED DIMENSIONS.
 4. ALL PATTERNS SHALL BE NON-REPEATING ALONG ENTIRE LENGTH OF EACH WALL. UN-CUT FORM LINER SHALL BEGIN AT TOP OF EACH AREA OF BARRIER/PARAPET WALL (IE. ALONG LEVEL SECTIONS OF EACH WALL) RECEIVING SUCH TREATMENTS, WITH TRIMMED AREAS ONLY OCCURRING AT BASE OF WALL AND ALONG SLOPED, END SECTIONS OF WALLS. THUS, STONE OUTLINES AT TOP OF WALL ALONG LEVEL SECTIONS SHALL BE UNBROKEN. BARRIER/PARAPET WALL FINAL APPEARANCE SHALL BE OF COMPLETE STONES COMPRISING WALL.

- NOTE:
 1. EACH SIDE OF EACH BARRIER WALL SHALL BE TREATED AS SHOWN AND AS DISCUSSED ON THIS SHEET. ENDS OF BARRIER WALLS SHALL NOT BE TREATED AND SHALL REMAIN SMOOTH FOR GUIDRAIL ATTACHMENT.

ITEM 555.12400102				
STATION // OFFSET	QTY. (S.F.)	SIDE	DWG. NO.	
25+86.03 TO 26+69.86// 29.5' +/-	86	R	ST-25	
25+86.03 TO 26+69.86// 22.6' +/-	86	L	ST-25	
TOTAL	172	-	-	

ITEM 555.12400202				
STATION // OFFSET	QTY. (S.F.)	SIDE	DWG. NO.	
25+86.03 TO 26+69.86// 29.5' +/-	516	R	ST-25	
25+86.03 TO 26+69.86// 22.6' +/-	516	L	ST-25	
TOTAL	1032	-	-	

AFFIX SEAL: ON: ALTERED BY: ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	UTILITY QUALITY LEVEL A			LANDSCAPE DETAILS	DRAWING NO. LAD-01
	REGION: 02					SHEET NO. 55

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

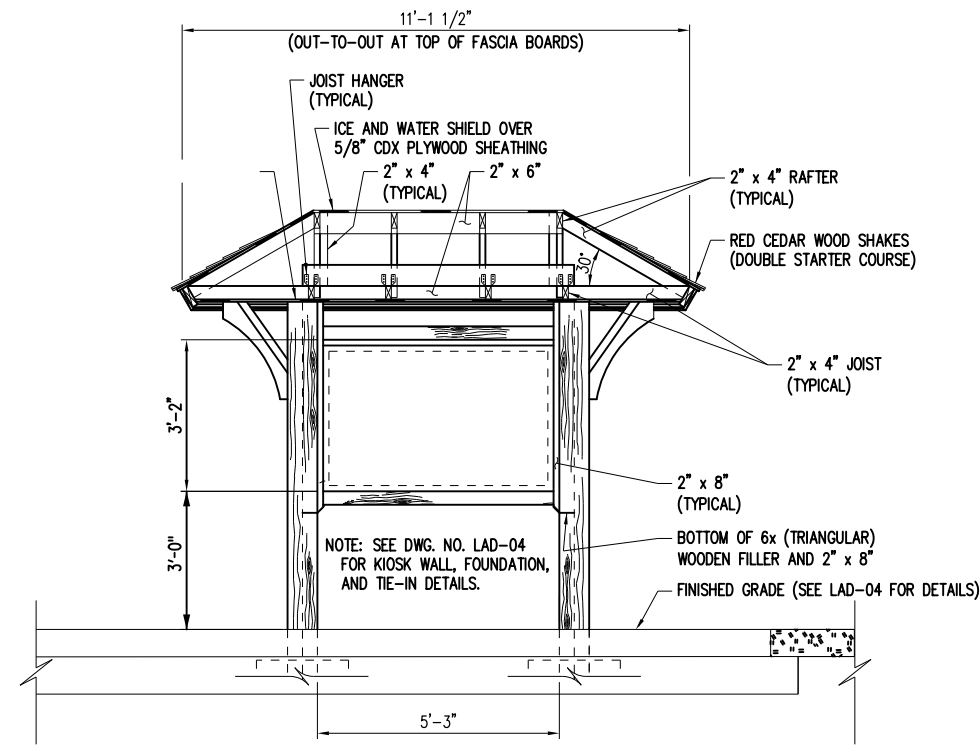


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 USER = r-hetzler

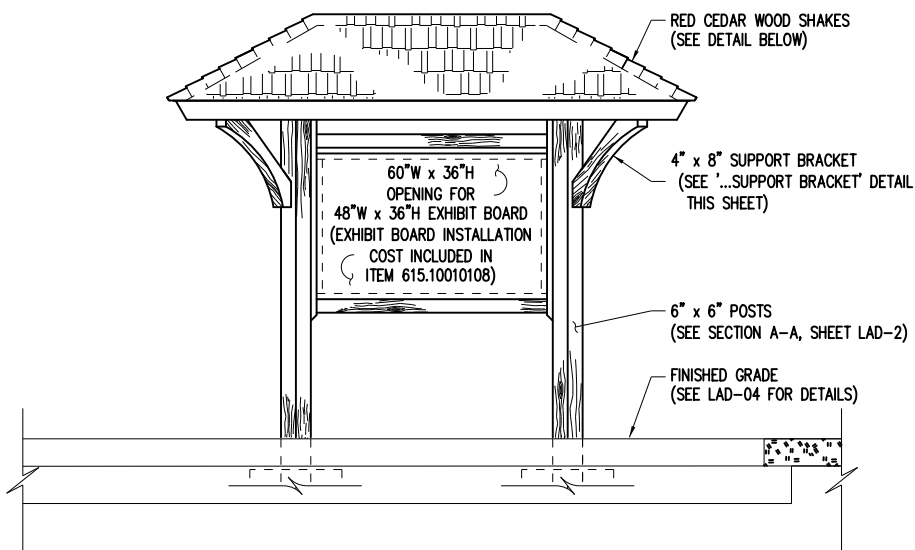
PROJECT MANAGER
 CHECK
 DRAFTING B. HETZLER
 CHECK
 DESIGN M. MAJECKI
 JOB MANAGER
 DESIGN SUPERVISOR C. DODGE

FILE NAME = 200412_cph_lad_02.dgn
 DATE/TIME = 18-OCT-2021 13:29
 USER = r-hetzler

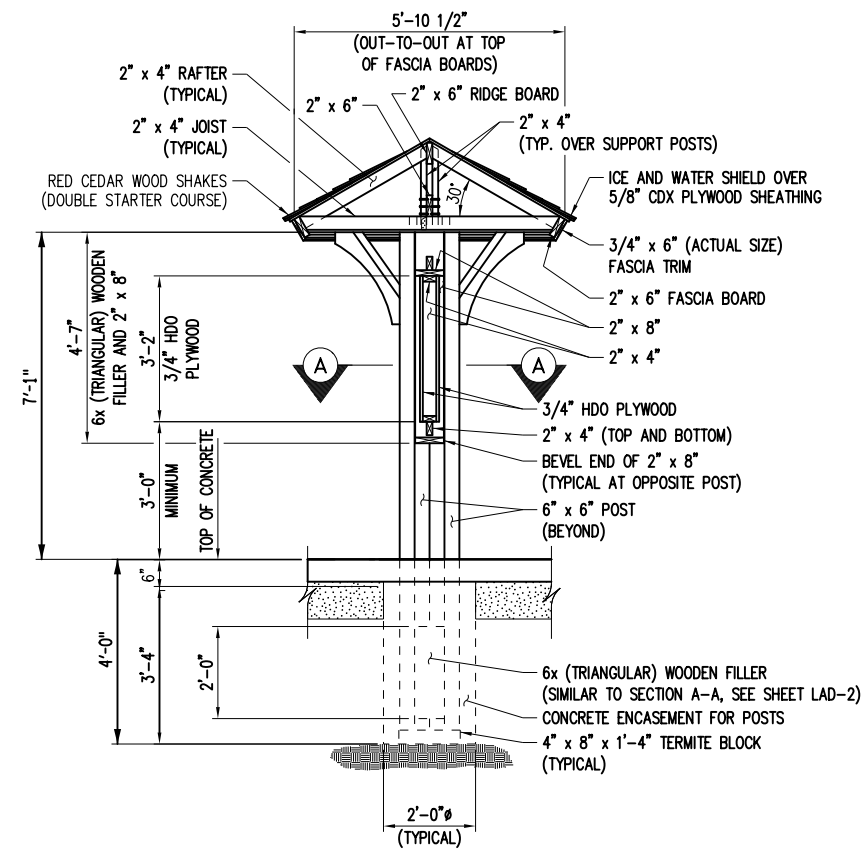
PROJECT MANAGER
 CHECK
 DRAFTING
 CHECK
 DESIGN B. HETZLER
 DESIGN MANAGER C. DODGE
 DESIGN SUPERVISOR J. TIBBITTS



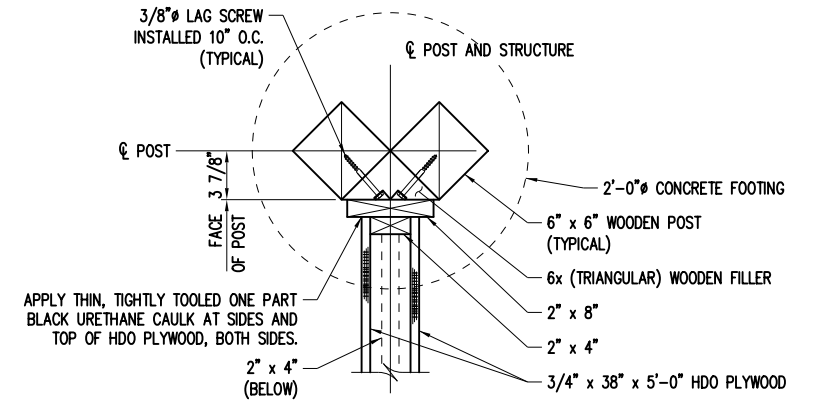
ITEM 615.10010108 - KIOSK STRUCTURE (NOT MANUFACTURED)
 LONGITUDINAL SECTION
 NOT TO SCALE



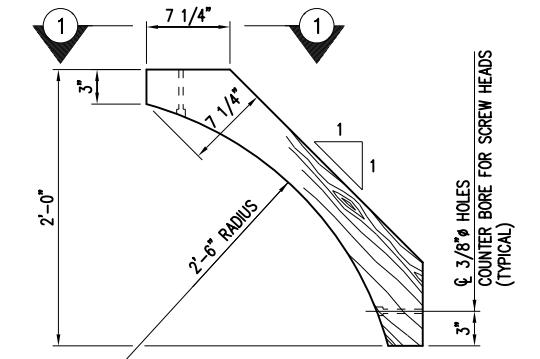
ITEM 615.10010108 - KIOSK STRUCTURE (NOT MANUFACTURED)
 FRONT ELEVATION
 TWO SIDED KIOSK
 NOT TO SCALE



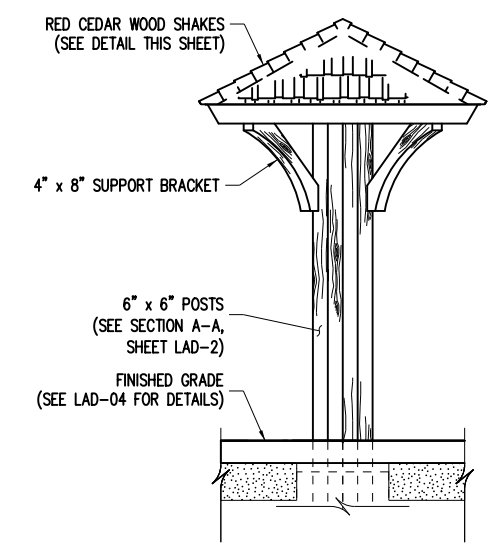
TRANSVERSE SECTION
 NOT TO SCALE



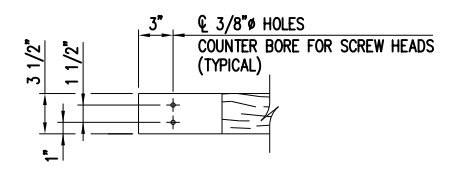
SECTION A-A
 NOT TO SCALE



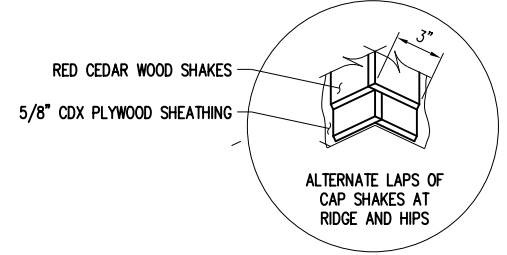
4" x 8" SUPPORT BRACKET
 NOT TO SCALE



SIDE ELEVATION
 NOT TO SCALE



VIEW 1-1
 NOT TO SCALE



ALTERNATE LAPS OF
 CAP SHAKES AT
 RIDGE AND HIP

- NOTES:
- THE COST FOR FABRICATION AND INSTALLATION OF THE TWO SIDED KIOSK, INCLUDING THE FRAMING FOR THE EXHIBIT BOARD, SHALL BE PAID FOR UNDER ITEM 615.10010108 - KIOSK STRUCTURE (NOT MANUFACTURED). EXHIBIT BOARD WILL BE PROVIDED BY OTHERS.
 - ALL WOOD SURFACES SHALL RECEIVE PRESERVATION TREATMENT AS PER STANDARD SPECIFICATION SECTION 594 & SUBSECTIONS 708-31 & -32. PRESERVATIVE SHALL CONTAIN A DARK BROWN STAIN

AFFIX SEAL: ON: _____
 ALTERED BY: ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED LANDSCAPE DETAILS	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02				DRAWING NO. LAD-02 SHEET NO. 56

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.



PROJECT MANAGER

CHECK

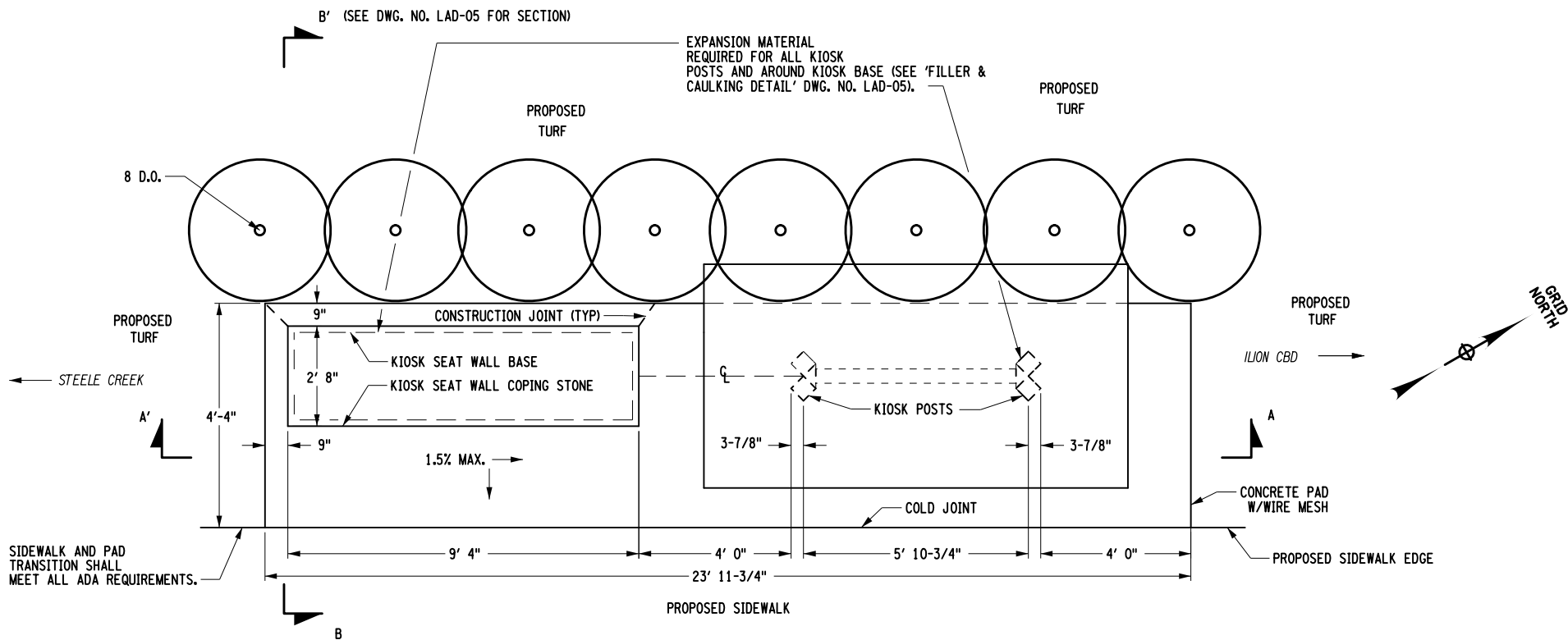
DRAFTING B. HETZLER

CHECK

DESIGN M. MAJECKI

JOB MANAGER

DESIGN SUPERVISOR C. DODGE



NOTES:

1. REMOVAL AND STORAGE OF STONE MASONRY FROM EXISTING BRIDGE PARAPETS TO BE PAID FOR UNDER 'ITEM 560.10040010 - REMOVAL OF STONE MASONRY'. GENERALLY, STONE STORED FOR REUSE IN KIOSK SEAT WALL WILL HAVE A COVERING OF WHITE PAINT ON EXPOSED SURFACES. THE '1899' STONE SHALL BE SAVED AND REUSED.
2. STONE USED IN CONSTRUCTION OF KIOSK SEAT WALL SHALL BE STONES (INCLUDING COPING STONES) USED IN ORIGINAL CONSTRUCTION OF NYS ROUTE 51 STONE ARCH BRIDGE OVER STEELE CREEK. CURRENTLY, THAT STONE IS PAINTED 'WHITE'. ALL OTHER STONE (UNPAINTED) WAS USED TO REPAIR BARRIER/PARAPET APPROXIMATELY 8 YEARS AGO AND CANNOT BE USED IN KIOSK SEAT WALL. REPAIRS OCCURED ONLY ON EAST BARRIER/PARAPET WALL. CONSTRUCTION OF KIOSK SEAT WALL TO BE PAID FOR UNDER 'ITEM 560.13030010 - INSTALL STORED STONE MASONRY'. SEAT WALL SHALL CONTAIN '1899' STONE, CURRENTLY LOCATED WITHIN EAST SIDE PARAPET.
3. TRANSFER OF STONE FOR KIOSK SEAT WALL FROM STORAGE TO WALL CONSTRUCTION SITE SHALL BE PAID FOR UNDER 'ITEM 560.13030010 - INSTALL STORED STONE MASONRY'.
4. STONE (INCLUDING COPING STONE) USED IN CONSTRUCTION OF KIOSK SEAT WALL, SHALL BE FREE OF MORTAR, PAINT, AND ANY OTHER MATERIAL THAT WOULD IMPACT WALL CONSTRUCTABILITY, INTEGRITY, AND FINISHED APPEARANCE. COST FOR THESE ACTIONS SHALL BE INCLUDED IN BID PRICE FOR ITEM 560.13030010 - INSTALL STORED STONE MASONRY'.
5. SEE STANDARD SPECIFICATIONS SECTION 608-3.01 PORTLAND CEMENT CONCRETE SIDEWALK AND DRIVEWAYS, D, FOR CONCRETE PAD SURFACE FINISH INFORMATION.
6. COSTS FOR TRIMMING (CUTTING) & FORMING (CREATING ROUGH HEWN EDGES) STONE, CAULKING COMPOUND FOR STRUCTURES, PREMOLDED RESILIENT JOINT FILLER, EPOXY FILLER AND ANY TESTING FOR REMOVAL OF PAINT ON STONE SHALL BE INCLUDED IN BID PRICE FOR ITEM 560.13030010.
7. CAULKING COMPOUND FOR STRUCTURES COLOR SHALL MATCH CONCRETE COLOR.
8. STONE WALL MEASUREMENTS ARE ESTIMATES AND FINAL MEASUREMENTS WILL DEPEND ON STONES SELECTED. CONTRACTOR SHALL TAKE THIS INTO CONSIDERATION WHEN LAYING OUT PAD AND FOUNDATION OPENING FOR KIOSK SEAT WALL. DIMENSIONS SHOWN ON PLANS FOR KIOSK SEAT WALL WERE OBTAINED IN THE FIELD, BUT MAY VARY DURING CONSTRUCTION.
9. NO ANCHOR SLOTS, ANCHORS, OR DOWELS ARE REQUIRED FOR ITEM 560.13030010.
10. COPING STONES SHOULD NOT EXTEND 1" MINIMUM TO 2" MAXIMUM BEYOND BASE OF WALL.

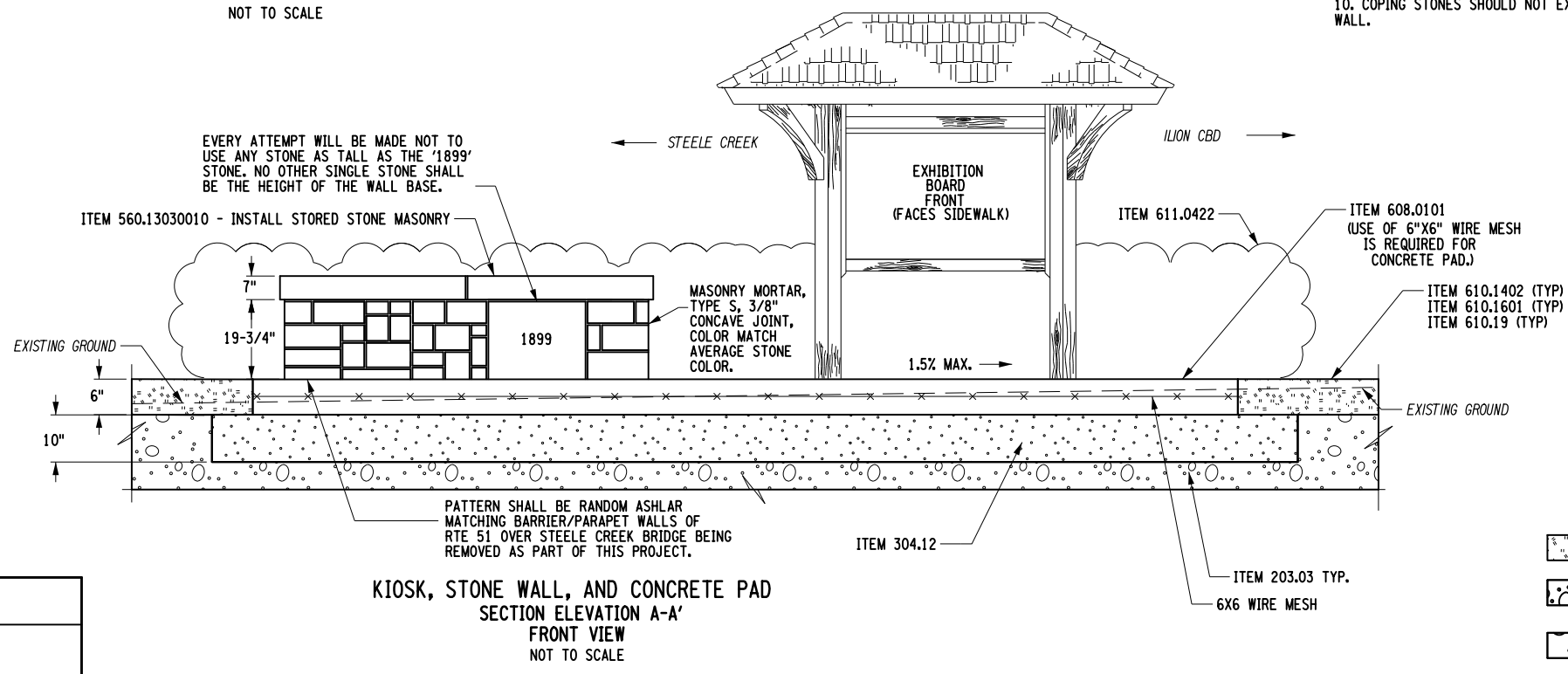
KIOSK, STONE WALL, & CONCRETE PAD
PLAN VIEW
NOT TO SCALE

ITEM 560.13030010			
STATION // OFFSET	QTY. (S.F.)	SIDE	DWG. NO.
STA. 25+25 +/- // 35.0' +/-	75	R	SSL-02
TOTAL	75	-	-

NOTE: ITEM 560.13030010 - INSTALL STORED STONE MASONRY.

ITEM 203.02			
STATION // OFFSET	QTY. (C.Y.)	SIDE	DWG. NO.
STA. 25+25 +/- // 35.0' +/-	8.0	R	SSL-02
TOTAL	8.0	-	-

NOTE: ITEM 203.02 - UNCLASSIFIED EXCAVATION & DISPOSAL.



KIOSK, STONE WALL, AND CONCRETE PAD
SECTION ELEVATION A-A'
FRONT VIEW
NOT TO SCALE

ITEM 203.03			
STATION // OFFSET	QTY. (C.Y.)	SIDE	DWG. NO.
STA. 25+25 +/- // 35.0' +/-	20.0	R	SSL-02
TOTAL	20.0	-	-

NOTE: ITEM 203.03 - EMBANKMENT IN PLACE.

- = 610.1402
- = 203.03
- = 304.12

SEE DWG. NO. LAD-05
FOR ADDITIONAL
KIOSK STONE WALL
& CONCRETE PAD AREA

FILE NAME = 200412_cph_lad_04.dgn
DATE/TIME = 18-OCT-2021 13:29
USER = r-hetzler

AFFIX SEAL: ON:

ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02			LANDSCAPE DETAILS	DRAWING NO. LAD-04 SHEET NO. 57

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



PROJECT MANAGER

CHECK

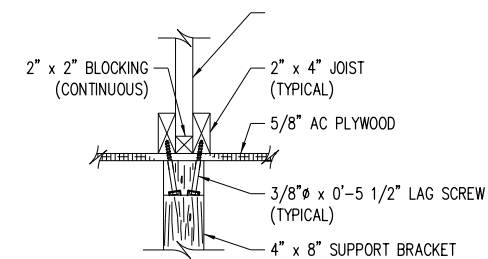
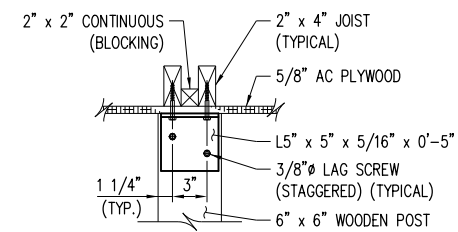
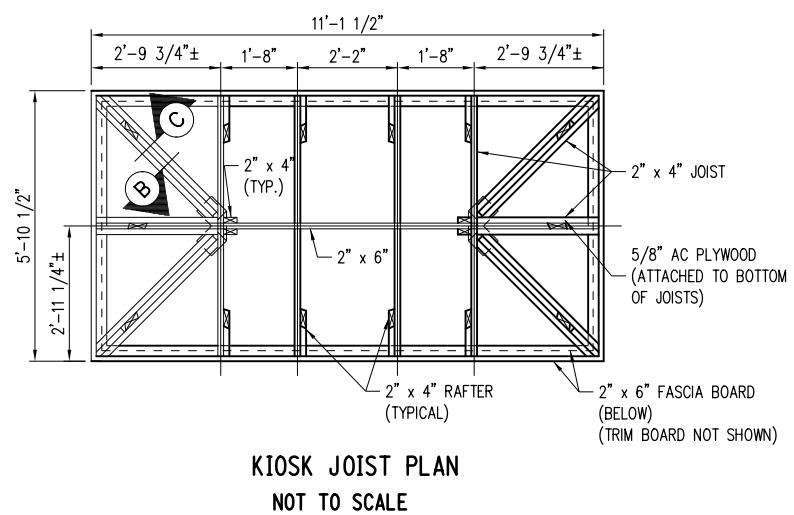
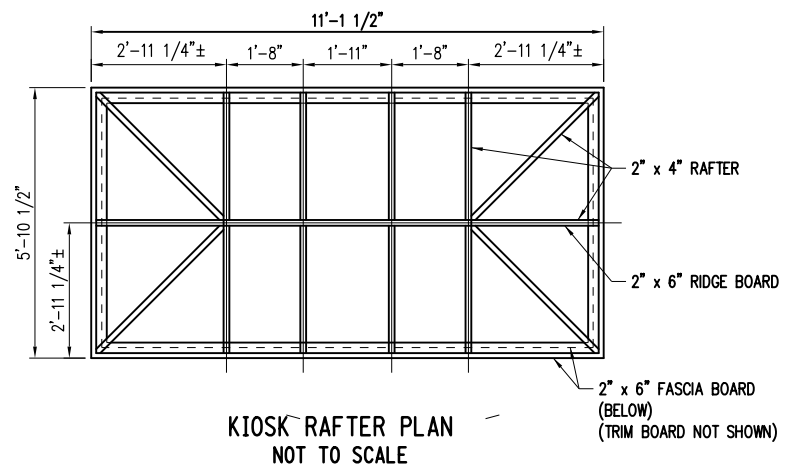
DRAFTING

CHECK

DESIGN M. MAJECKI

JOB MANAGER C. DODGE

DESIGN SUPERVISOR J. TIBBITTS



ITEM 615.10010108			
STATION // OFFSET	QTY. (E.A.)	SIDE	DWG. NO.
STA. 25+20 +/- // 25.0' +/-	1.0	R	SSL-02
TOTAL	1.0	-	-

NOTE: ITEM 615.10010108 - KIOSK STRUCTURE (NOT MANUFACTURED).

AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED LANDSCAPE DETAILS	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02				DRAWING NO. LAD-03 SHEET NO. 58

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



FILE NAME = 200412_cph_lad_03.dgn
DATE/TIME = 18-OCT-2021 13:29
USER = r-hetzler

ITEM 304.12			
STATION // OFFSET	QTY. (C.Y.)	SIDE	DWG. NO.
STA. 25+25 +/- // 35.0' +/-	4.0	R	SSL-02
TOTAL	4.0	-	-

NOTE: ITEM 304.12 - SUBBASE COURSE, TYPE, 2.

ITEM 608.0101			
STATION // OFFSET	QTY. (C.Y.)	SIDE	DWG. NO.
STA. 25+25 +/- // 35.0' +/-	2.0	R	SSL-02
TOTAL	2.0	-	-

NOTE: ITEM 608.0101 - CONCRETE SIDEWALKS AND DRIVEWAYS.

NOTES:

1. COPING STONES IDENTIFIED IN 'WEST PARAPET/BARRIER WALL' PHOTO SHALL BE USED AS COPING STONES FOR THE KIOSK SEAT WALL. THE '1899' STONE SHOWN IN THE 'EAST PARAPET/BARRIER WALL' PHOTO SHALL BE USED IN THE CONSTRUCTION OF KIOSK SEAT WALL. WALL HEIGHT SHALL BE A COMBINATION OF THICKNESSES/HEIGHTS OF A COPING STONE, THE '1899' STONE, THE MORTAR JOINTS BETWEEN THE COPING STONE AND THE '1899' STONE, AND THE '1899' STONE AND THE FOUNDATION STONE (STONE PLACED BETWEEN THE '1899' STONE AND ITEM 304.12). THAT MORTAR JOINT WILL ALSO BE ABOVE THE CONCRETE PAD, BUT THE FOUNDATION STONE WILL NOT.

2. THE NORTH END COPING STONE FOR THE SEAT WALL HAS AN APPROXIMATELY 3" HOLE FROM THE CHAIN-LINK FENCE. THAT HOLE SHALL BE FILLED WITH EPOXY GROUT SO AS NOT TO HOLD WATER AND NOT TO INHIBIT COMFORTABLE SITTING. THESE ACTIONS WILL BE PAID FOR UNDER 'ITEM 560.13030010 - INSTALL STORED STONE MASONRY' AND SHALL BE INCLUDED IN THE BID PRICE FOR THAT ITEM. EPOXY WILL CONFORM TO NYSDOT STANDARDS.

3. INTENTION: KIOSK SEAT WALL SHALL BE CONSTRUCTED OF ALL ORIGINAL STONE USED IN 1899 CONSTRUCTION OF NYS ROUTE 51 STONE ARCH BRIDGE OVER STEELE CREEK. THIS IS REQUEST OF NYS SHPO (STATE HISTORIC PRESERVATION OFFICE). ALL PAINT AND OTHER DELETERIOUS MATERIALS WILL BE REMOVED FROM STONES PRIOR TO WALL CONSTRUCTION. STONE ADDED TO PARAPET/BARRIER APPROXIMATELY 8 YEARS AGO FOR REPAIR IS GENERALLY NOT PAINTED WHITE. WHEN COMPLETED, SEAT WALL WILL APPEAR AS A PORTION OF THE ORIGINAL PARAPET/BARRIER WALLS.

MORTAR COLOR WILL BE SLIGHTLY LIGHTER THAT STONE, AND WILL NOT SIGNIFICANTLY CONTRAST WITH ORIGINAL STONE. FINAL APPEARANCE OF WALL WILL BE AESTHETICALLY PLEASING, AS DETERMINED BY THE ENGINEER.

BOTH ENDS (NORTH AND SOUTH) OF KIOSK SEAT WALL BASE SHALL BE CONSTRUCTED OF STONES SMALLER IN SIZE THAN THE '1899' STONE AND ARRANGED IN A RANDOM ASHLAR PATTERN. THIS MAY REQUIRE FORMING STONES (AS ALREADY DEFINED). ALL EFFORTS WILL BE MADE SO THAT SUCH FORMING WHEN DONE SHALL APPEAR ON SIDES NOT GENERALLY EXPOSED TO THE PUBLIC. THOSE SIDES OF BASE WALL EXPOSED TO PUBLIC (EAST, NORTH, & SOUTH) SHALL HAVE EXPOSED SURFACES OF ORIGINAL ROUGH-HEWN SURFACES. CUTTING OF ABUTTING EDGES MAY BE REQUIRED AND LOCATION OF '1899' STONE WITHIN WALL SHALL BE AS SHOWN IN A-A' SECTION.

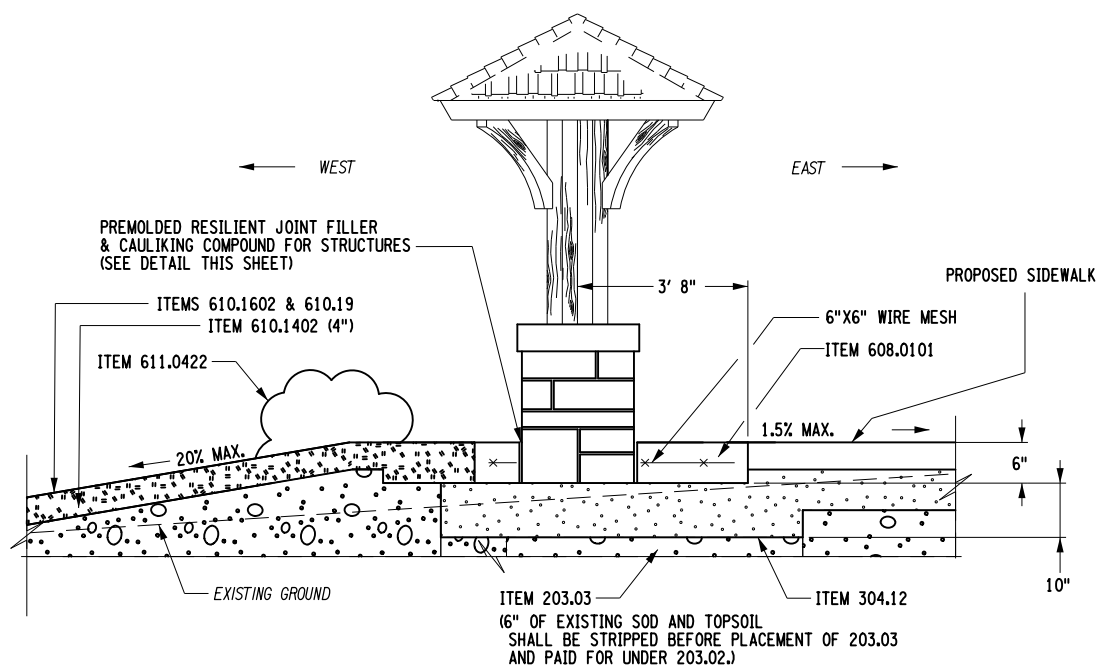
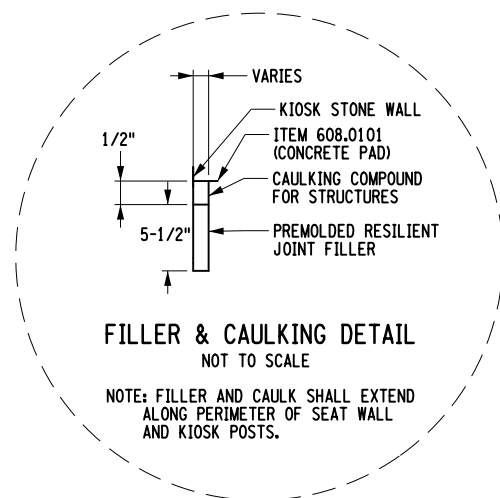
4. WALL SHALL BE PLUM AND LEVEL WHEN COMPLETED.

5. ALL STONES OF WALL EXPOSED TO VIEW SHALL BE ROUGH HEWN, MATCHING APPEARANCE OF EXPOSED STONES OF ORIGINAL STONE ARCHED BRIDGE OVER STEELE CREEK.

END COPING STONE TO USE STONES TO USE IN CONSTRUCTION OF KIOSK SEAT WALL END COPING STONE TO USE



SOUTH END WEST PARAPET/BARRIER WALL NORTH END



KIOSK, STONE SEAT WALL, AND CONCRETE PAD
SECTION ELEVATION B-B' (FROM DWG. NO. LAD-04)
SIDE VIEW
NOT TO SCALE



NORTH END DATE (1899) STONE TO USE SOUTH END
EAST PARAPET/BARRIER WALL

- = 610.1402
- = 203.03
- = 304.12

SEE DWG. NO. LAD-04 FOR
CONCRETE PAD AREA
PLAN VIEW AND ADDITIONAL
NOTES RELATED TO KIOSK
STONE WALL & CONCRETE PAD AREA

AFFIX SEAL: ON: ALTERED BY: ON:

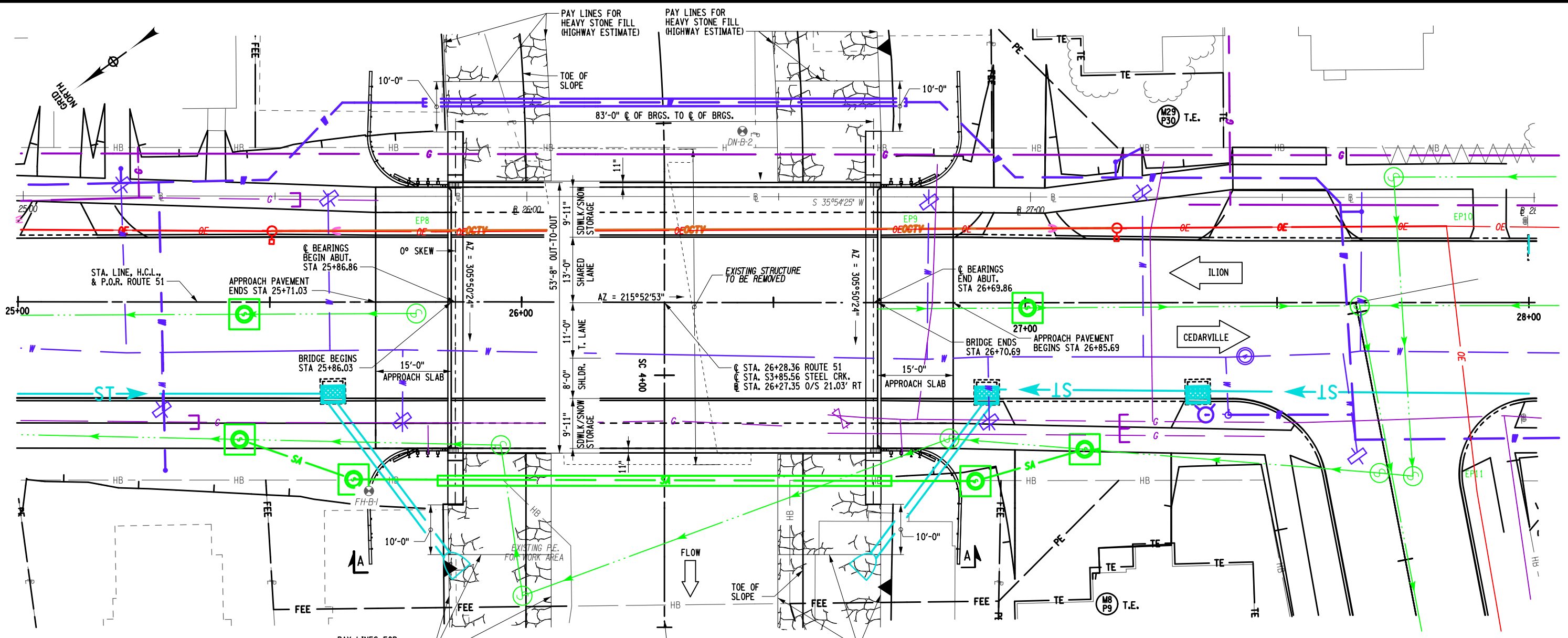
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	SH 5513 - ILION VILLAGE - OTSEGO STREET	PIN 200412 51 UTILITY QUALITY LEVEL A	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED LANDSCAPE DETAILS	CONTRACT NUMBER D264647
	COUNTY: HERKIMER REGION: 02					DRAWING NO. LAD-05 SHEET NO. 59

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

FILE NAME = 200412_cph_lad_05.dgn
DATE/TIME = 18-OCT-2021 13:29
USER = rnetzler

PROJECT MANAGER CHECK DRAFTING CHECK DESIGN JOB MANAGER DESIGN SUPERVISOR C. DODGE

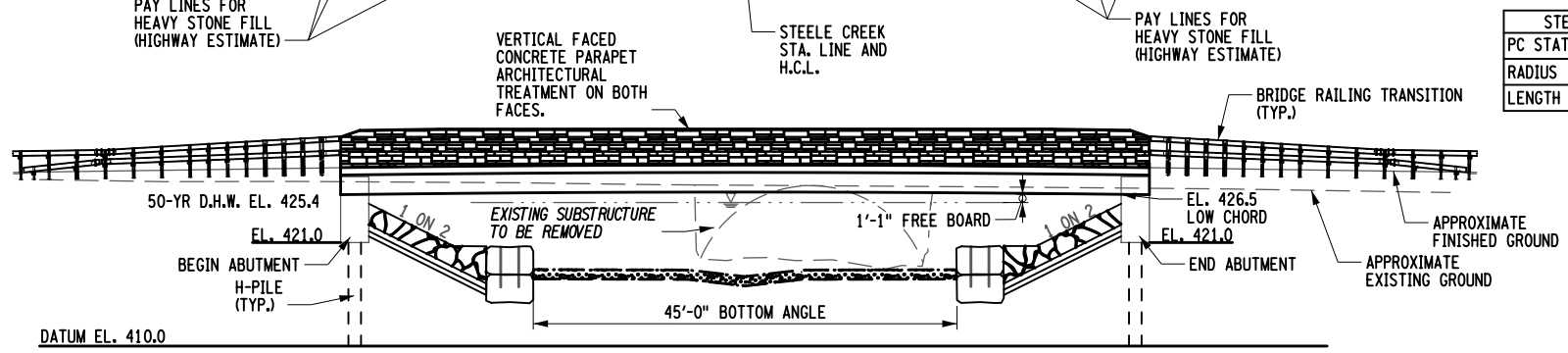
PROJECT MANAGER J. TIBBITTS
 CHECK A. CHIRICOSTA
 DRAFTING D. LULEY
 CHECK A. CHIRICOSTA
 DESIGN D. LULEY
 JOB MANAGER J. TIBBITTS
 DESIGN SUPERVISOR C. DODGE



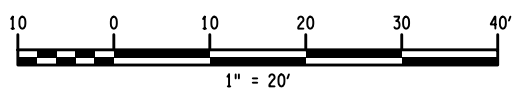
STEELE CREEK CURVE DATA	
PC STATION	P.C. = 2+41.34
RADIUS	R = 376.89
LENGTH OF CURVE	L = 120.13

HYDRAULIC DATA			
DRAINAGE AREA	27 SQ. MILES	BASIC FLOOD	DESIGN FLOOD
REQUENCY INTERVAL (YEARS)	100	50	
PEAK DISCHARGE (FT. ³ /S)	4008	3453	
HIGH WATER ELEVATION AT POINT OF MAX. BACKWATER	EXISTING 431.5	PROPOSED 430.7	431.0
AVG. VELOCITY THRU STRUCT. @ DESIGN FLOOD	8.2 FT./SEC.		
SCOUR ANALYSIS:	MINIMUM CHANNEL EL.	417.6 FT.	
	Q100 SCOUR DEPTH (FT)	Q100 SCOUR ELEV. (FT)	Q500 SCOUR DEPTH (FT)
BEGIN ABUTMENT	3.0	414.6	7.2
PIER	NA	NA	NA
END ABUTMENT	3.0	414.6	8.0
SCOUR DEPTH IS MEASURED FROM MINIMUM CHANNEL ELEVATION			

LOAD RATING (LRFR)		
INVENTORY	HL-93	1.3
OPERATING	HL-93	1.7
LOAD RATING (LFR)		
INVENTORY	HS 30	54 TONS
OPERATING	HS 50	90 TONS



ELEVATION A-A



AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021
 ALTERED BY: ON:



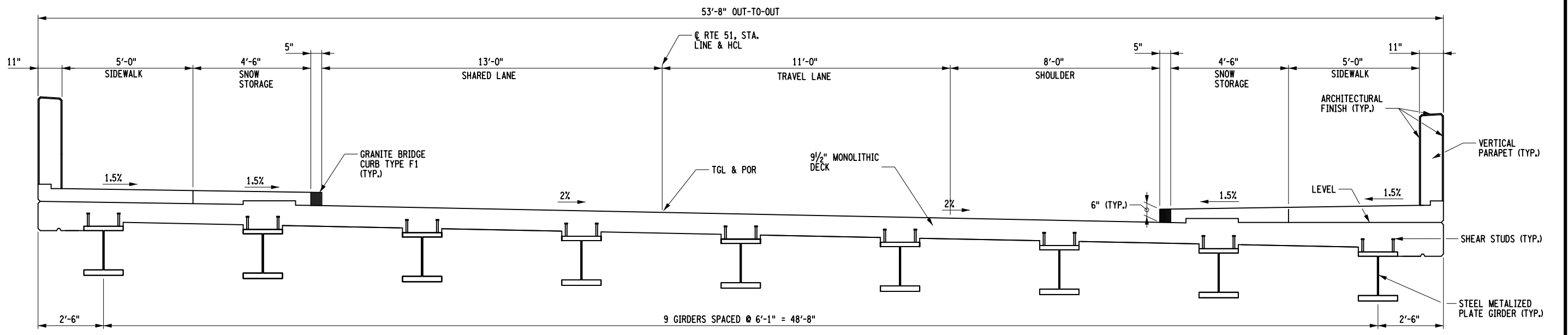
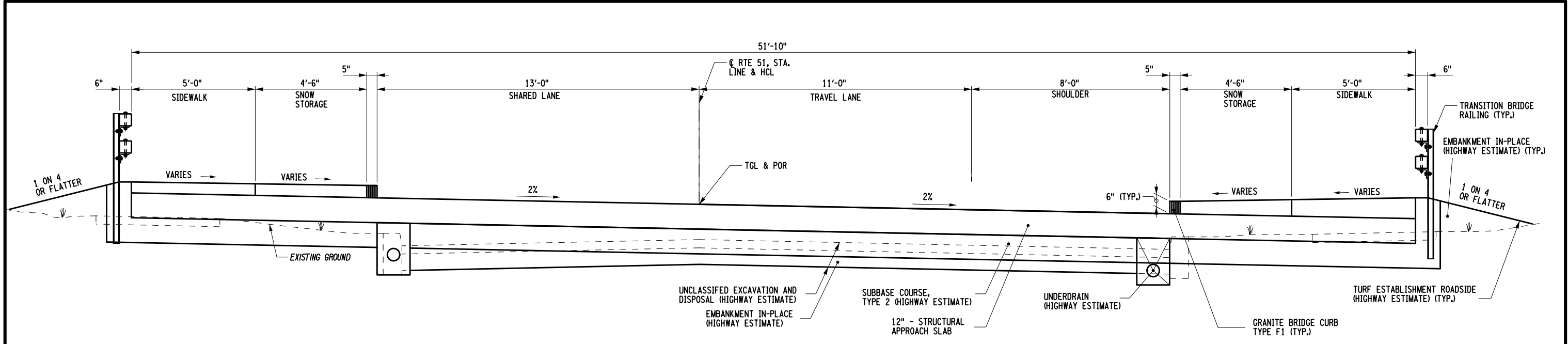
AS-BUILT REVISIONS	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
DESCRIPTION OF ALTERATIONS:	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			GENERAL PLAN	DRAWING NO. ST-1
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	SHEET NO. 60
	COUNTY: HERKIMER	REGION: 02				

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



FILE NAME = 200412_cpb_gen
 DATE/TIME = 19-OCT-2021 07:35
 USER = dluley

PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE



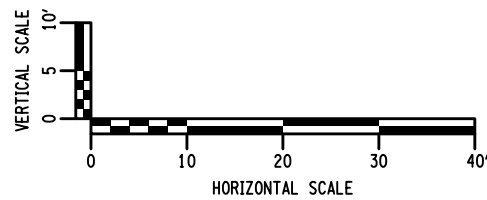
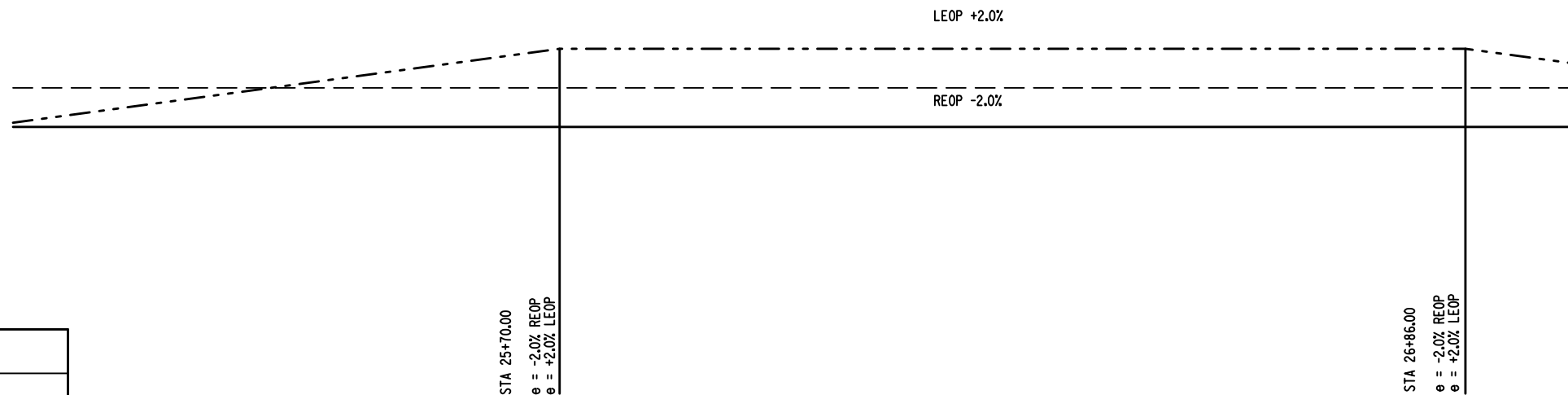
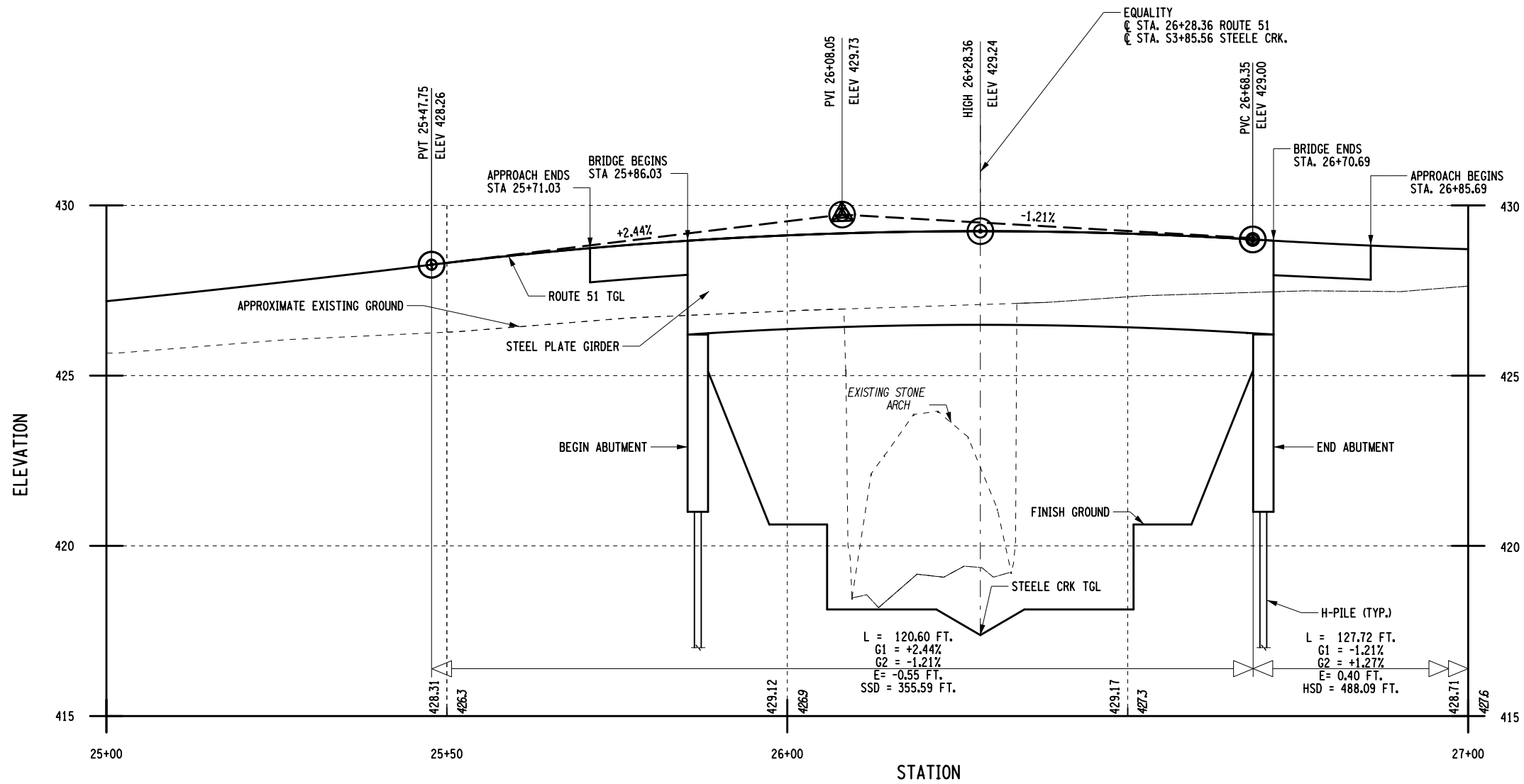
AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021
 ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST					DRAWING NO. ST-2
	VILLAGE OF ILION					SHEET NO. 61
COUNTY: HERKIMER	REGION: 02	TYPICAL SECTION ROUTE 51 OVER STEELE CREEK				

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



FILE NAME = 200412_cpb_sec.typ
 DATE/TIME = 06-OCT-2021 10:37
 USER = dluley



AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021

ALTERED BY:
 ON:

AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

ROUTE 51 OVER STEELE CREEK	PIN 2004.12
S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51
VILLAGE OF ILION	
COUNTY: HERKIMER	REGION: 02

BRIDGES 1026490	CULVERTS
--------------------	----------

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
BRIDGE PROFILE
ROUTE 51 OVER STEELE CREEK

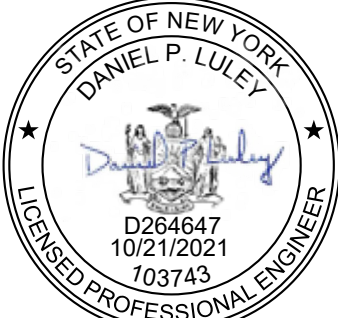
CONTRACT NUMBER D264647
DRAWING NO. ST-3
SHEET NO. 62

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

ESTIMATE OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED	FINAL
202.19	REMOVAL OF SUBSTRUCTURES	CY	812	
203.03	EMBANKMENT IN PLACE	CY	300	
203.21	SELECT STRUCTURE FILL	CY	160	
206.01	STRUCTURE EXCAVATION	CY	2000	
206.0201	TRENCH AND CULVERT EXCAVATION	CY	240	
207.27	PREFABRICATED COMPOSITE INTEGRAL ABUTMENT DRAIN	SY	145	
304.12	SUBBASE COURSE, TYPE 2	CY	58	
551.012084	STEEL H-PILES (HP 12X84)	LF	1600	
551.12	SPLICES FOR STEEL H-PILES	EA	24	
551.13	FURNISHING EQUIPMENT FOR DRIVING PILES	LS	NEC	
551.14	DYNAMIC PILE TESTING	EA	2	
555.09	CONCRETE FOR STRUCTURES, CLASS HP	CY	116	
555.12400102	ARCHITECTURAL TREATMENT - VERTICAL CONCRETE SURFACES	SF	172	
555.12400202	ARCHITECTURAL TREATMENT - VERTICAL CONCRETE SURFACES	SF	1032	
556.0201	UNCOATED BAR REINFORCEMENT FOR CONCRETE STRUCTURES	LB	1200	
556.0202	EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES	LB	29500	
556.03	STUD SHEAR CONNECTORS FOR BRIDGES	EA	2988	
557.2002	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE - TYP E 2 FRICTION	SY	172	
557.29	WINTER SURFACE TREATMENT - SUPERSTRUCTURE SLABS AND STRUCTURAL APPROACH SLABS	SY	677	
557.30	SIDEWALKS AND SAFETY WALKS	SY	266	
557.4102	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - HPICBOTTOM FORMWORK REQUIRED, TYPE 2 FRICTION	SY	505	
558.02	LONGITUDINAL SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE	SY	408	
559.01	PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE, DECKS AND BRIDGE DECK OVERLAYS	SF	3670	
559.02	PROTECTIVE SEALING OF NEW STRUCTURAL CONCRETE	SF	5385	
559.91100010	ANTI-GRAFFITI PROTECTIVE COATING	SF	700	
564.0501	STRUCTURAL STEEL, TYPE 1	LS	NEC	
565.30	RUBBER IMPREGNATED WOVEN COTTON-POLYESTER FABRIC	EA	18	
568.70	TRANSITION BRIDGE RAILING	LF	136	
569.03	VERTICAL FACED CONCRETE PARAPET	LF	172	
572.00020101	METALIZING, TYPE 1	LS	NEC	
586.0201	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	EA	94	
606.120101	BOX BEAM END PIECE	EA	4	
609.0302	STONE CURB - BRIDGE (TYPE F1)	LF	230	
613.04000001	STOCKPILING AND PLACING EXISTING STREAM BED MATERIALS	CY	158	
620.05	STONE FILLING (HEAVY)	CY	270	
620.0801	BEDDING MATERIAL, TYPE 1	CY	48	
620.0802	BEDDING MATERIAL, TYPE 2	CY	48	
620.14010009	EXTRA HEAVY STONE, TYPE A	CY	229	

THIS ESTIMATE OF QUANTITIES DOES NOT INCLUDE ALL ITEMS IN THE BRIDGE FISCAL SHARE.

INDEX OF DRAWINGS		TOTAL NUMBER OF SHEETS
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
60	GENERAL PLAN BRIDGE	ST-1
61	BRIDGE TYPICALS	ST-2
62	BRIDGE PROFILE 1:5	ST-3
63	ESTIMATE OF QUANTITY & INDEX BRIDGE	ST-4
64	GENERAL NOTES	ST-5
65	BORING LOCATION PLAN	ST-6
66	GENERAL SUBSURFACE PROFILE	ST-7
67	EARTHWORK PLAN	ST-8
68	EARTHWORK SECTION	ST-9
69-71	BEGIN ABUTMENT, PILE LAYOUT, PLAN, ELEVATION	ST-10 TO ST-12
72-74	END ABUTMENT, PILE LAYOUT, PLAN, ELEVATION VIEW	ST-13 TO ST-15
75	INTEGRAL ABUTMENTS	ST-16
76	TRANSVERSE SECTION	ST-17
77	FRAMING PLAN	ST-18
78	GIRDER DETAILS	ST-19
79	DIAPHRAGM DETAILS	ST-20
80	MOMENT, SHEAR, CAMBER, AND DESIGN LOAD TABLES	ST-21
81	HAUNCH TABLES	ST-22
82	SUPERSTRUCTURE SLAB DETAILS	ST-23
83	APPROACH SLAB DETAILS	ST-24
84	VERTICAL CONCRETE BARRIER LAYOUT	ST-25
85	BARRIER REINFORCEMENT PLAN	ST-26
86	BARRIER DETAILS	ST-27
87	TRANSITION RAILING DETAILS	ST-28
88	SPLICE DETAILS	ST-29
89-90	MISCELLANEOUS DETAILS	ST-30 TO ST-31
91-94	BAR LIST	ST-32 TO ST-35

AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:
	AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:
	ROUTE 51 OVER STEELE CREEK
	S.H 5513 - ILION VILLAGE - OTSEGO ST
	VILLAGE OF ILION

COUNTY: HERKIMER	REGION: 02	PIN 2004.12 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED ESTIMATE QUANTITIES & INDEX ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647
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.						DRAWING NO. ST-4 SHEET NO. 63

GENERAL NOTES

DESIGN SPECIFICATIONS: NYSDOT LRFD BRIDGE DESIGN SPECIFICATIONS WITH ALL PROVISIONS IN EFFECT AS JANUARY 2022 (FOR DESIGN PURPOSES, COMPRESSIVE STRENGTH OF CONCRETE FOR SUBSTRUCTURES AND DECK SLABS AT 28 DAYS: $f'_c = 3,000$ psi.)

LIVE LOAD: AASHTO HL - 93.

CONSTRUCTION AND MATERIALS SPECIFICATIONS: STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING.

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

ALL SHOP DRAWINGS SUBMITTED FOR THIS PROJECT SHALL BE IN US CUSTOMARY UNITS.

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

THE LOAD RATINGS ARE IN ACCORDANCE WITH THE AASHTO MAUAL FOR BRIDGE EVALUATION.

FOUNDATION NOTES

HIGHWAY EMBANKMENT MATERIAL (FROM HIGHWAY ESTIMATE OR FROM STRUCTURE EXCAVATION BACKFILL) AND SELECT STRUCTURE FILL, ITEM 203.21, SHALL BE PLACED SIMULTANEOUSLY, IN CONTACT, ON BOTH SIDES OF THE VERTICAL PAYMENT LINE.

THE COST OF WATER USED FOR COMPACTION OF SELECT FILL ITEMS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.21 - SELECT STRUCTURE FILL.

THE BEGIN ABUTMENT 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 350 KIPS PER PILE.

THE MAXIMUM SERVICE LIMIT STATE AXIAL LOAD FOR THE PILES AT THE BEGIN ABUTMENT IS 187 KIPS PER PILE.

THE END ABUTMENT 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 350 KIPS PER PILE.

THE MAXIMUM SERVICE LIMIT STATE AXIAL LOAD FOR THE PILES AT THE END ABUTMENT IS 187 KIPS PER PILE.

DO NOT USE MECHANICAL SPLICES ON THIS STRUCTURE.

EQUIP ALL STEEL H-PILES WITH REINFORCED SHOES.

AFTER COMPLETION OF THE PILE INSTALLATION, THE ENGINEER WILL COMPLETE THE "ACTUAL PILE LENGTH" TABLE FOR INCLUSION IN THE AS- BUILT PLANS.

THE WATER LEVELS NOTED ON THE BORING LOGS AND ON THE SUBSURFACE PROFILE DRAWING INCLUDED IN THE CONTRACT PLANS FOR THIS STRUCTURE MAY NOT BE INDICATIVE OF ACTUAL WATER CONDITIONS AT THE TIME OF CONSTRUCTION.

REMOVE EXISTING SUBSTRUCTURES AS FOLLOWS:

1. COMPLETELY REMOVE THE PORTION OF THE EXISTING SUBSTRUCTURE WITHIN A LATERAL LIMIT OF 3 FEET OF THE NEW SUBSTRUCTURE.
2. REMOVE THE PORTION OF THE EXISTING SUBSTRUCTURE THAT IS OUTSIDE OF THIS LATERAL LIMIT AS FOLLOWS:

- A. EXISTING SUBSTRUCTURE LOCATED UNDER ROADWAY - REMOVE TO 2 FEET BELOW SUBGRADE SURFACE.
- B. EXISTING SUBSTRUCTURE LOCATED UNDER APPROACH EMBANKMENT END SLOPE - REMOVE TO ELEVATION WHERE IT INTERSECTS THE BOTTOM OF THE STONE FILLING.
- C. EXISTING SUBSTRUCTURE AT ALL OTHER LOCATIONS - REMOVE TO 1 FOOT BELOW FINISHED GRADE.

SUBSTRUCTURE NOTES

THE COST OF ALL MATERIAL AT EACH CONSTRUCTION JOINT, CONTRACTION JOINT AND CONCRETE EXPANSION JOINT SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT.

COFFERDAM AND HYDRAULIC NOTES

SHOULD THE CONTRACTOR ELECT TO LAY BACK A PORTION OF THE EXISTING EARTH ADJACENT TO AN EXCAVATION REQUIRING A COFFERDAM, ANY REQUIRED EXTENSIONS OF THE COFFERDAM NECESSARY TO KEEP WATER FROM ENTERING THE EXCAVATION SHALL BE FURNISHED AND PLACED AT NO COST TO THE STATE.

WHERE A COFFERDAM IS USED, THE COST OF DEWATERING THE ENTIRE EXCAVATION, REGARDLESS OF THE SOURCE OF WATER, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE COFFERDAM ITEM.

SHOULD FIELD CONDITIONS REQUIRE A CHANGE FROM THE TYPE OF COFFERDAM SYSTEM CALLED FOR ON THE PLANS, THE ENGINEER SHALL CONTACT THE DCES FOR COORDINATION WITH APPROPRIATE AGENCIES TO APPROVE THE CHANGE.

ORDINARY HIGH WATER IS ESTIMATED TO BE APPROXIMATELY AT 424.00 FT. THIS IS DEFINED AS THE WATER SURFACE ELEVATION FOR THE MEAN ANNUAL FLOOD, WHICH IS THE FLOOD THAT HAS A RECURRENCE INTERVAL OF 2.33 YEARS.

ORDINARY WATER IS ESTIMATED TO BE APPROXIMATELY 421 FT. THIS IS DEFINED AS THE HIGHEST SURFACE WATER ELEVATION LIKELY TO BE ENCOUNTERED DURING ONE CONSTRUCTION SEASON (OTHER THAN MAJOR FLOODS). IT IS ALWAYS LESS THAN THE ORDINARY HIGH WATER ELEVATION AND IT IS USUALLY AN OBSERVED ELEVATION RATHER THAN A COMPUTED ONE.

LOW WATER IS ESTIMATED TO BE APPROXIMATELY 420 FT. THIS WATER ELEVATION IS THE NORMAL LOW WATER ELEVATION PREVALENT DURING ONE CONSTRUCTION SEASON FOR MORE THAN 25% OF THE TIME. IT IS AN OBSERVED ELEVATION RATHER THAN A COMPUTED ONE.

SUPERSTRUCTURE NOTES

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

DIAPHRAGMS SHALL BE FABRICATED TO FIT GIRDERS ERECTED WITH THEIR WEBS PLUMB UNDER FULL DEAD LOAD CONDITION, ALSO KNOWN AS TOTAL DEAD LOAD FIT (TDLF).

FOR THE VARIOUS LUMP SUM STRUCTURAL STEEL ITEMS IN THE CONTRACT, THE "TOTAL WEIGHT FOR PROGRESS PAYMENT" IS AS FOLLOWS:

ITEM	TOTAL WEIGHT FOR PROGRESS PAYMENT	BIN
564.0501	239,308 POUNDS	1026490

THESE WEIGHTS SHALL BE USED IN DETERMINING PARTIAL PAYMENTS AND PROGRESS. UNDER NO CIRCUMSTANCES SHALL THE "TOTAL WEIGHT FOR PROGRESS PAYMENT" BE USED FOR FINAL PAYMENT PURPOSES. THE CONTRACTOR IS ADVISED NOT TO USE THE "TOTAL WEIGHT FOR PROGRESS PAYMENT" AS A BIDDING TOOL. DISCREPANCIES WHICH MAY OCCUR BETWEEN THE TOTAL WEIGHT SHIPPED AND "TOTAL WEIGHT FOR PROGRESS PAYMENT" SHALL NOT BE A BASIS FOR ADDITIONAL COMPENSATION.

METALIZING NOTES:

ALL GIRDERS, INCLUDING BEARING STIFFENERS AND CONNECTION PLATES, SHALL BE METALIZED FOR THEIR ENTIRE LENGTH AND THE METALIZING SHALL BE PAID FOR UNDER ITEM 572.00020101.

ALL EXPOSED STEEL SURFACES ON DIAPHRAGMS AND SHIMS SHALL BE METALIZED AND PAID FOR UNDER ITEM 572.00020101.

STEEL ERECTION NOTES:

THE CONTRACTOR SHALL PROVIDE FOR THE STABILITY OF STRUCTURAL STEEL DURING ALL PHASES OF ERECTION AND CONSTRUCTION, AS PROVIDED IN SUBSECTION 204 OF THE NEW YORK STATE STEEL CONSTRUCTION MANUAL (SCM). THE METHODS USED BY THE CONTRACTOR SHALL BE DOCUMENTED ON THE ERECTION DRAWINGS WITH ALL SUPPORTING STABILITY CALCULATIONS SUBMITTED AND STAMPED BY A LICENSED AND REGISTERED NEW YORK STATE PROFESSIONAL ENGINEER AND SUBMITTED TO THE DCES IN ACCORDANCE WITH THE SCM.

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 METHOD ARE NOT CONSIDERED. THEREFORE, THE ACTUAL ERECTION METHODS AND SEQUENCES EMPLOYED BY THE CONTRACTOR MAY HAVE A SUBSTANTIAL EFFECT ON THE FINAL STEEL PROFILE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY COMPENSATORY ACTION TO ENSURE THAT THE FINAL ALIGNMENT AND PROFILE OF THE ERECTED STEEL CONFORMS TO SUBSECTION 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 MUST BE APPROVED BY THE DCES, AND SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE STATE.

DIMENSIONS FOR THICKNESSES OF STEEL ROLLED ANGLE SHAPES AND STRUCTURAL TUBING ARE SHOWN ACCORDING TO THE AISC MANUAL.

SUPERSTRUCTURE SLAB NOTES

THE PROVISIONS OF THE CURRENT SPECIFICATIONS FOR SUPERSTRUCTURE SLABS ALLOW THE OPTION OF 3 FORMING SYSTEMS FOR THE UNDERSIDE OF THE SLABS.

ON THIS BRIDGE, ONLY THE FOLLOWING OPTION(S) WILL BE PERMITTED: IN THE CASE OF ISOTROPIC DECK REINFORCEMENT, ONLY PERMANENT CORRUGATED METAL AND REMOVABLE WOODEN FORMS ARE ALLOWED.

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 SLAB SHALL BE INCLUDED IN THE PRICE BID FOR THE BARRIER ITEM.

THE STRUCTURE HAS LARGE DECK OVERHANGS. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY SUPPORT AND BRACING TO PREVENT THE FASCIA GIRDER FROM TWISTING OR EXCESSIVELY DEFLECTING UNDER THE CONCRETE DEAD LOAD AND THE CONSTRUCTION LOADS. ALL DESIGN EFFORT REQUIRED BY THE CONTRACTOR'S ENGINEER TO ENSURE THAT CONSTRUCTION LOADS DO NOT ADVERSELY AFFECT THE FASCIA GIRDER ARE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL SUBMIT OVERHANG FORMING DESIGN CALCULATIONS AND DETAILS STAMPED BY A LICENSED AND REGISTERED NEW YORK STATE PROFESSIONAL ENGINEER TO THE DCES FOR APPROVAL.

REMOVAL NOTES

EXISTING SUBSTRUCTURE SHALL BE REMOVED WITHIN THE LIMITS SHOWN ON THE PLANS UNDER ITEM 202.19.

IF THE STRUCTURE HAS A BRIDGE IDENTIFICATION NUMBER (B.I.N.) PLATE ATTACHED, THE CONTRACTOR SHALL PROTECT IT DURING CONSTRUCTION OR REMOVE AND REMOUNT IT AFTER CONSTRUCTION IS COMPLETED.

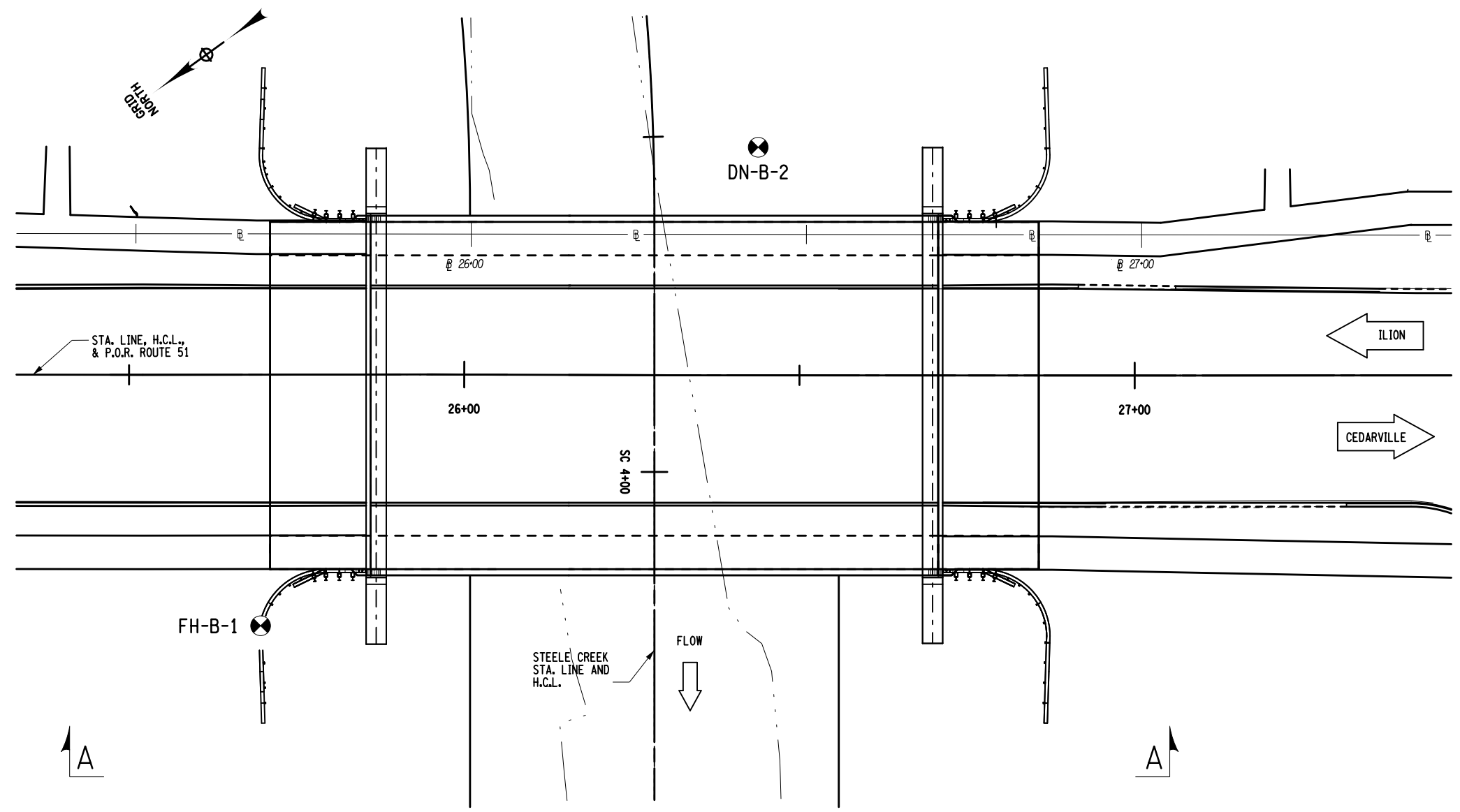
STREAM PROTECTION NOTE

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

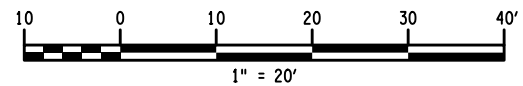
STEELE CREEK IS A (C)S) STREAM, NO IN WATER WORK SHALL OCCUR BETWEEN OCTOBER 1 TO MAY 15.

AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST					
	VILLAGE OF ILION					
COUNTY: HERKIMER	REGION: 02	GENERAL NOTES		DRAWING NO. ST-5 SHEET NO. 64		
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.						



BORING LOCATION PLAN



GENERAL NOTES

- 1.) SOUND ENGINEERING JUDGMENT WAS EXERCISED IN PREPARING THE SUBSURFACE INFORMATION PRESENTED HERE ON. THIS INFORMATION WAS PREPARED AND IS INTENDED FOR STATE DESIGN AND ESTIMATE PURPOSES ONLY. ITS PRESENTATION ON THE PLANS OR ELSEWHERE IS FOR THE PURPOSE OF PROVIDING INTENDED USERS WITH ACCESS TO THE SAME INFORMATION AVAILABLE TO THE STATE. THIS IS NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INDEPENDENT INTERPRETATIONS OR JUDGEMENT OF THE CONTRACTOR.
- 2.) GENERAL SOIL AND ROCK (WHERE ENCOUNTERED) STRATUM DESCRIPTIONS AND INDICATED BOUNDARIES ARE BASED ON AN ENGINEERING INTERPRETATION OF ALL AVAILABLE SUBSURFACE INFORMATION BY THE GEOTECHNICAL ENGINEERING BUREAU AND MAY NOT NECESSARILY REFLECT THE ACTUAL VARIATION IN SUBSURFACE CONDITIONS BETWEEN BORINGS AND SAMPLES. DETAILED DATA AND FIELD INTERPRETATIONS OF CONDITIONS ENCOUNTERED IN INDIVIDUAL BORINGS ARE SHOWN ON THE SUBSURFACE EXPLORATION LOGS.
- 3.) THE OBSERVED WATER LEVELS AND/OR CONDITIONS INDICATED ON THE SUBSURFACE PROFILES ARE AS RECORDED AT THE TIME OF EXPLORATION. ACTUAL WATER LEVELS MAY DIFFER FROM THE OBSERVED WATER LEVEL BECAUSE OF LIMITATIONS IN THE NUMBER AND DURATION OF OBSERVATIONS AND WILL VARY WITH CHANGES IN CLIMATE AND RAINFALL.
- 4.) ALL STRUCTURE DETAILS AND FOOTING ELEVATIONS SHOWN HEREON ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT BE INDICATIVE OF THE FINAL DESIGN CONDITIONS SHOWN ON THE CONTRACT PLANS.

LEGEND

THE FOLLOWING TABLES SUMMARIZE THE DESCRIPTIVE INFORMATION USED ON THIS PROFILE.

DENSITY (NON-PLASTIC SOILS)	NO. OF BLOWS PER FOOT OF PENETRATION OF A 2 INCH O.D. (1-3/8 INCH I.D.) SAMPLER USING A 140 LB. HAMMER, 30 INCH FALL.
Very Loose	0-4
Loose	5-10
Medium Compact	11-24
Compact	25-50
Very Compact	over 50
CONSISTENCY (PLASTIC SOILS)	
Very Soft	0-1
Soft	2-4
Medium Stiff	5-8
Stiff	9-15
Very Stiff	16-30
Hard	over 30

DRILL HOLE	SYMBOLS	FH-B, DN-B
OBSERVED WATER LEVEL		
Medium Compact to Compact Grey SILT		
Very Loose Grey Sandy SILT, Gravelly		
Very Compact Grey Sandy SILT, Gravelly		
Medium Compact to Compact Brown/Grey Clayey SILT w/ Fine Sand, Gravelly		
Very Loose Brown Silty SAND, Gravelly		
Very Compact Grey Silty Fine SAND, Gravelly		
Loose to Medium Compact Brown Gravelly SAND, Silty		
Very Compact Grey GRAVEL		
Very Compact Grey Sandy GRAVEL		

AFFIX SEAL: Stephen L. Borg
ON: 09/24/2021

ALTERED BY:
ON:



F.S. HEISER
DIRECTOR
GEOTECHNICAL ENGINEERING BUREAU

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK S.H. 5513 - ILION VILLAGE-OTSEGO ST VILLAGE OF ILION	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED BORING LOCATION PLAN	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02			ROUTE 51 OVER STEELE CREEK	DRAWING NO. ST-6 SHEET NO. 65

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

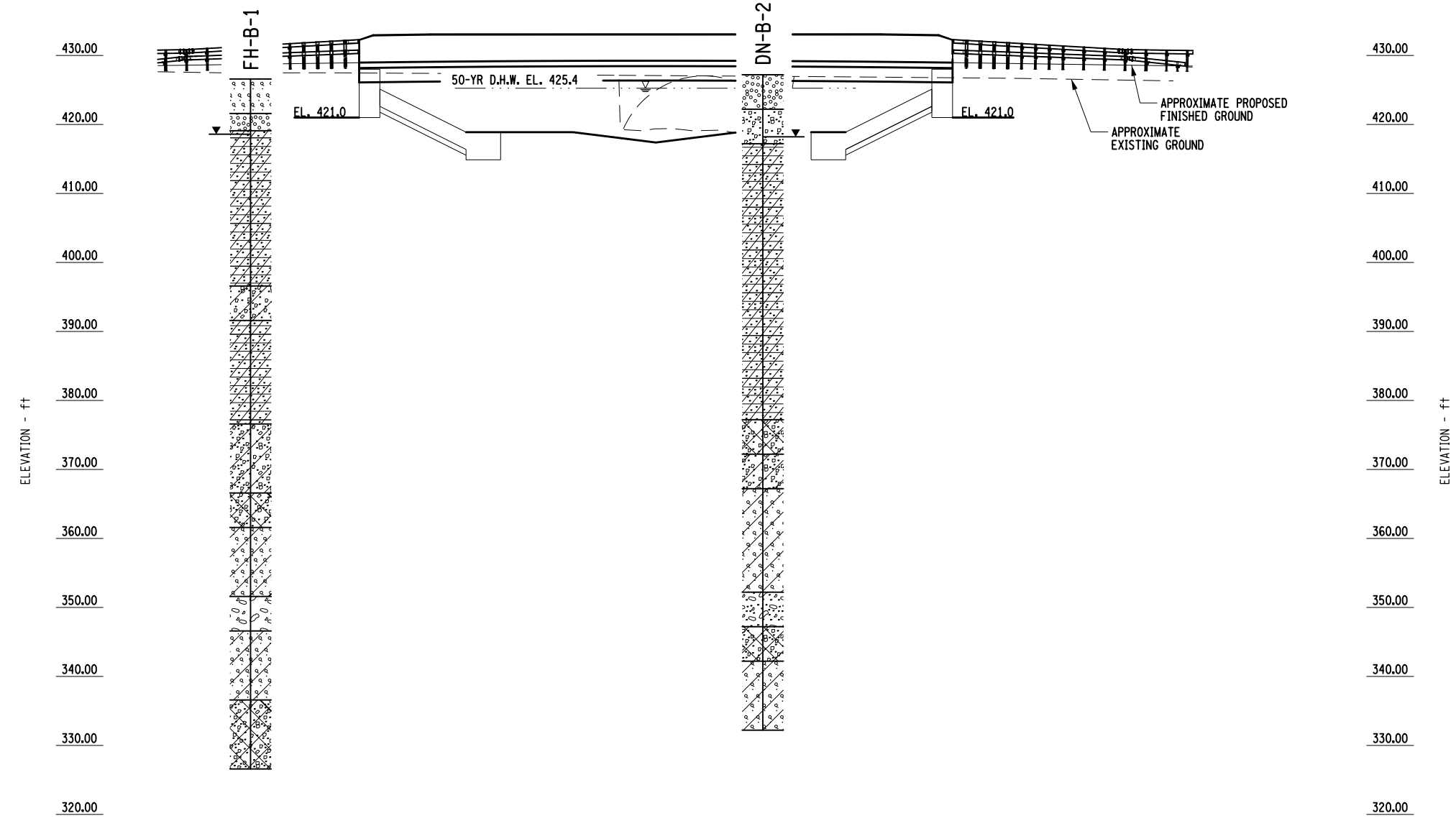


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USER = sjohnson4

PROJECT MANAGER
CHECK
DRAFTING S.L.J.
CHECK
DESIGN S.L.J.
JOB MANAGER S.L.B.
DESIGN SUPERVISOR J.J.D.

FILE NAME = 200412_cpb_geo_gsp.dgn
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 USER = sjohnson4

DESIGN SUPERVISOR J.J.D. JOB MANAGER S.L.B. DESIGN S.L.D. DRAFTING S.L.D. CHECK CHECK DRAFTING S.L.D. CHECK PROJECT MANAGER



GENERAL NOTES

- 1.) SOUND ENGINEERING JUDGMENT WAS EXERCISED IN PREPARING THE SUBSURFACE INFORMATION PRESENTED HERE ON. THIS INFORMATION WAS PREPARED AND IS INTENDED FOR STATE DESIGN AND ESTIMATE PURPOSES ONLY. ITS PRESENTATION ON THE PLANS OR ELSEWHERE IS FOR THE PURPOSE OF PROVIDING INTENDED USERS WITH ACCESS TO THE SAME INFORMATION AVAILABLE TO THE STATE. THIS IS NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INDEPENDENT INTERPRETATIONS OR JUDGEMENT OF THE CONTRACTOR.
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- 4.) ALL STRUCTURE DETAILS AND FOOTING ELEVATIONS SHOWN HEREON ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT BE INDICATIVE OF THE FINAL DESIGN CONDITIONS SHOWN ON THE CONTRACT PLANS.

LEGEND

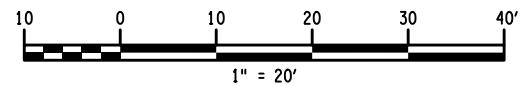
THE FOLLOWING TABLES SUMMARIZE THE DESCRIPTIVE INFORMATION USED ON THIS PROFILE.

DENSITY (NON-PLASTIC SOILS)	NO. OF BLOWS PER FOOT OF PENETRATION OF A 2 INCH O.D. (1-3/8 INCH I.D.) SAMPLER USING A 140 LB. HAMMER, 30 INCH FALL.
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Loose	5-10
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DRILL HOLE	SYMBOLS	FH-B, DN-B
OBSERVED WATER LEVEL		
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Very Compact Grey Silty Fine SAND, Gravelly		
Loose to Medium Compact Brown Gravelly SAND, Silty		
Very Compact Grey GRAVEL		
Very Compact Grey Sandy GRAVEL		

AFFIX SEAL: Stephen L. Borg
 ON: 09/24/2021
 ALTERED BY:
 ON:



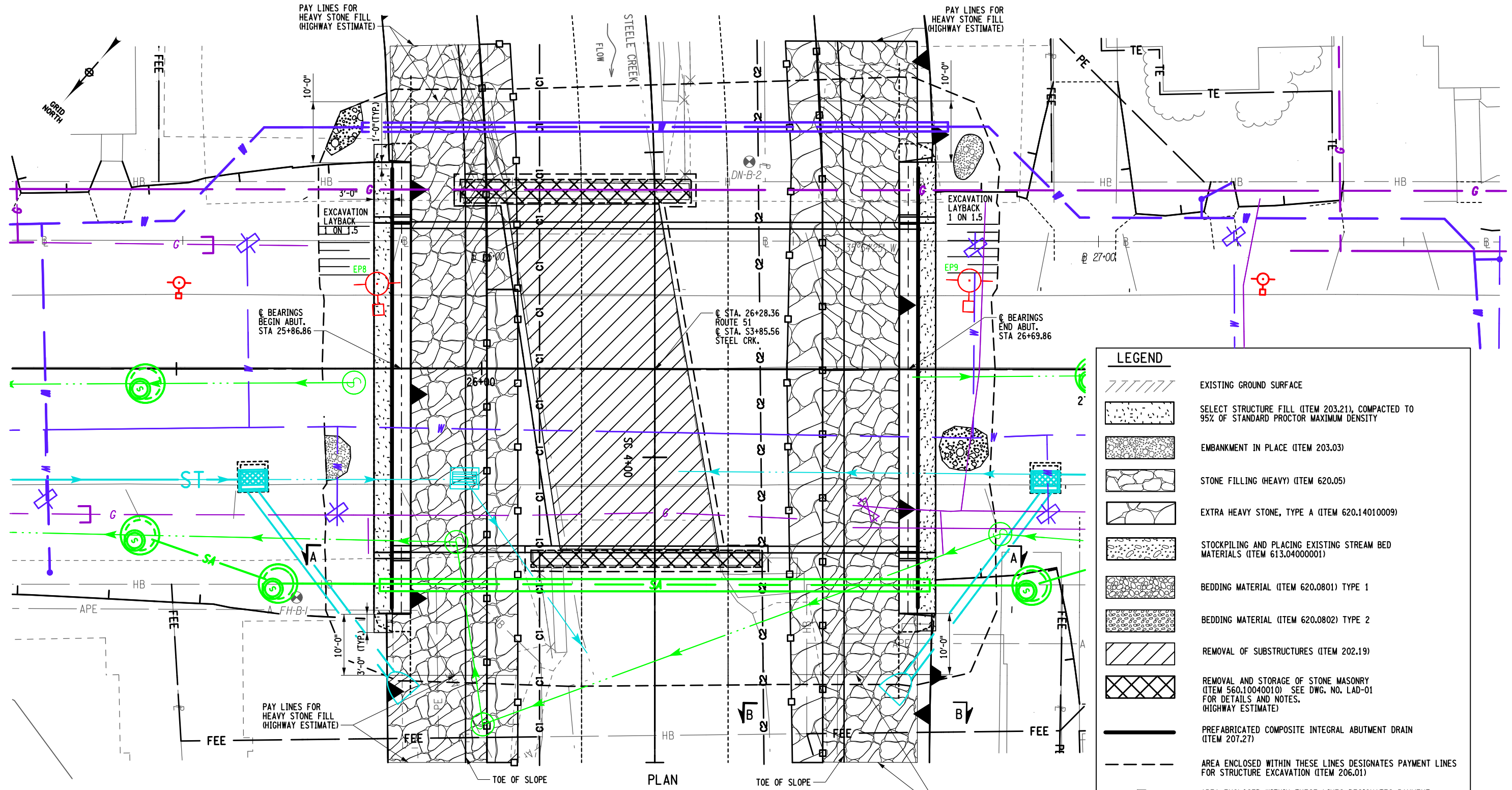
F.S. HEISER
 DIRECTOR
 GEOTECHNICAL ENGINEERING BUREAU

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			GENERAL SUBSURFACE PROFILE	DRAWING NO. ST-7
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	SHEET NO. 66
	COUNTY: HERKIMER	REGION: 02				

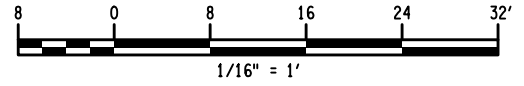
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PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE



LEGEND	
	EXISTING GROUND SURFACE
	SELECT STRUCTURE FILL (ITEM 203.21), COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY
	EMBANKMENT IN PLACE (ITEM 203.03)
	STONE FILLING (HEAVY) (ITEM 620.05)
	EXTRA HEAVY STONE, TYPE A (ITEM 620.14010009)
	STOCKPILING AND PLACING EXISTING STREAM BED MATERIALS (ITEM 613.04000001)
	BEDDING MATERIAL (ITEM 620.0801) TYPE 1
	BEDDING MATERIAL (ITEM 620.0802) TYPE 2
	REMOVAL OF SUBSTRUCTURES (ITEM 202.19)
	REMOVAL AND STORAGE OF STONE MASONRY (ITEM 560.10040010) SEE DWG. NO. LAD-01 FOR DETAILS AND NOTES. (HIGHWAY ESTIMATE)
	PREFABRICATED COMPOSITE INTEGRAL ABUTMENT DRAIN (ITEM 207.27)
	AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR STRUCTURE EXCAVATION (ITEM 206.01)
	AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR TRENCH & CULVERT EXCAVATION (ITEM 206.0201).
	C1 COFFERDAM TYPE 2 (ITEM 553.020001) (HIGHWAY ESTIMATE)
	C2 COFFERDAM TYPE 2 (ITEM 553.020002) (HIGHWAY ESTIMATE)



NOTE: ALL ITEMS IN LEGEND ARE INCLUDED IN BRIDGE ESTIMATE, EXCEPT AS NOTED.

AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021
 ALTERED BY:
 ON:



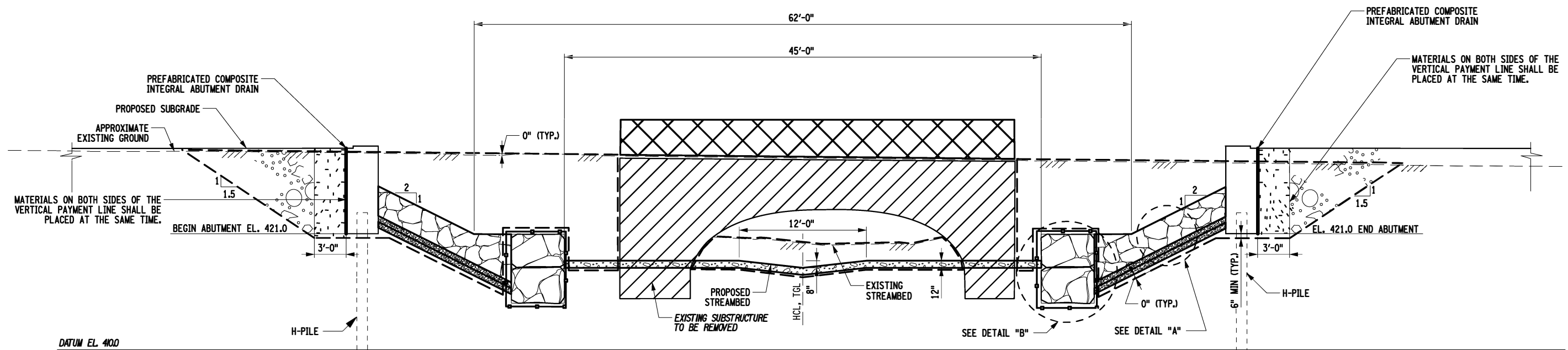
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK S.H. 5513 - ILION VILLAGE-OTSEGO ST VILLAGE OF ILION	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED EARTHWORK PLAN ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647
	COUNTY: HERKIMER	REGION: 02				DRAWING NO. ST-8 SHEET NO. 67

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

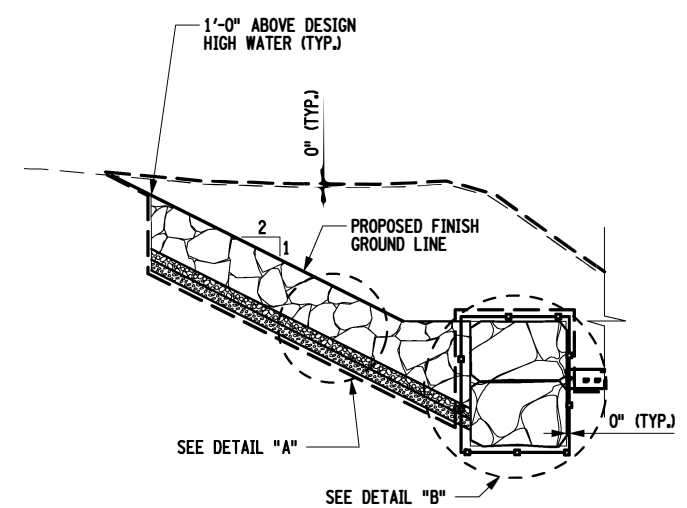


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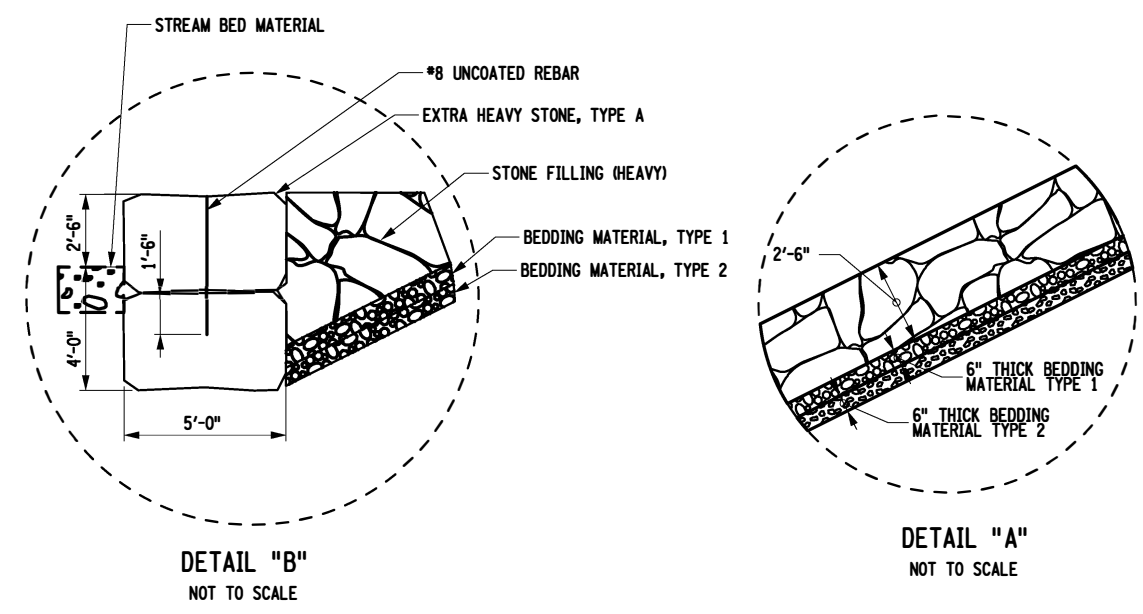
PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE




SECTION A-A



SECTION B-B



FOR LEGEND SEE DWG. NO. ST-8

AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:
	

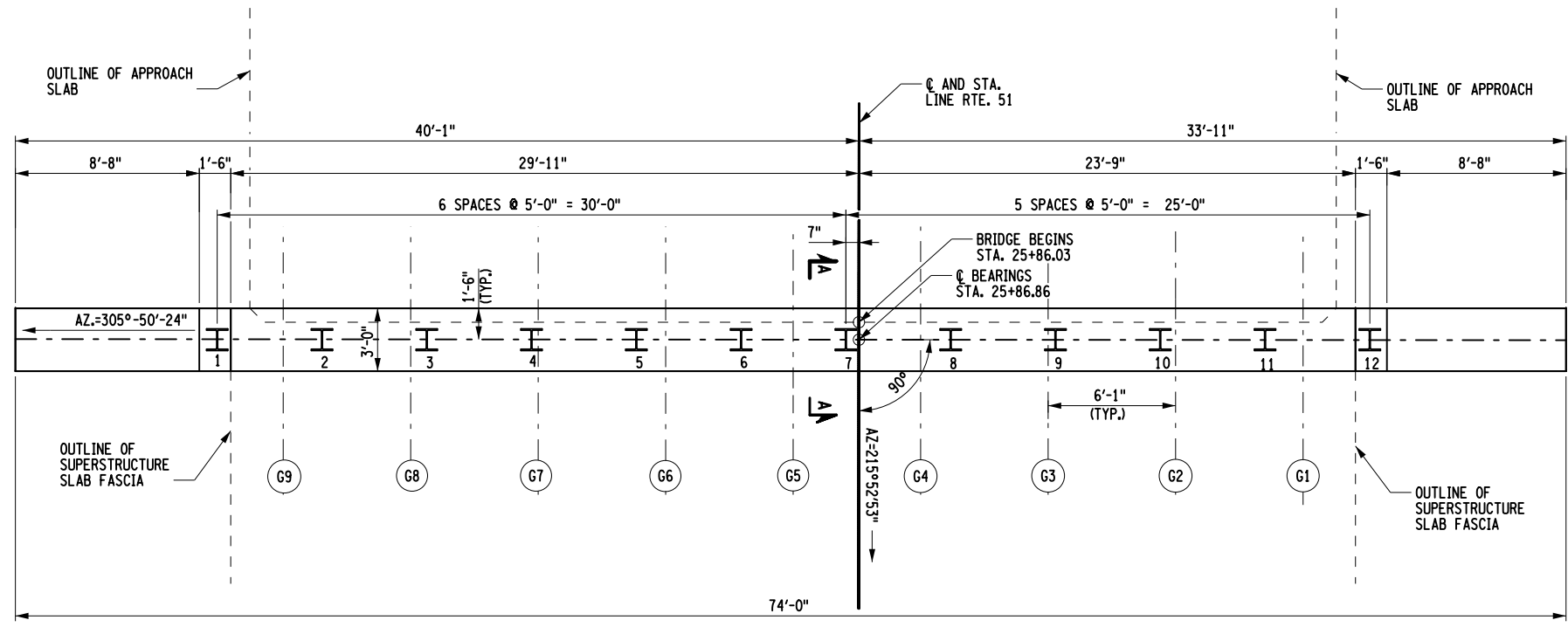
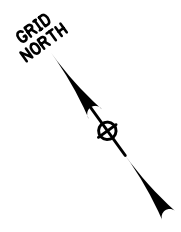
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL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



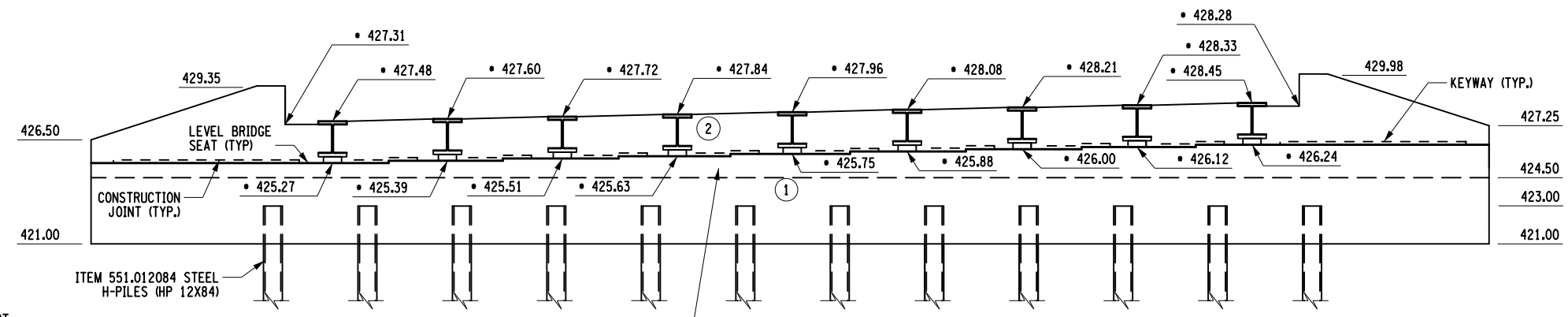
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PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 DESIGN SUPERVISOR: C. DODGE



PLAN

ACTUAL PILE LENGTH	
PILE NO.	LENGTH BELOW CUT-OFF (F.T)
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	



ELEVATION

- NOTES:
- HORIZONTAL KEYWAYS STOP 1'-0" FROM SUPPORT PLATE AND FACE OF CONCRETE POUR.
 - EXPOSED CONCRETE SURFACE SHALL BE SEALED UNDER ITEM 559.02
 - FOR HORIZONTAL KEYWAY DETAIL, SEE DWG. NO. ST-30
 - (NO.) - INDICATES CONCRETE PLACEMENT NUMBER
 - - THESE ELEVATIONS ARE TAKEN AT CL OF BEARINGS
 - (G*) - INDICATES GIRDER NUMBER

LEGEND	
	STEEL H-PILE, ITEM NO. 551.012084
---	PILE CUT-OFF ELEVATION IS 423.0 ft.
---	FOR PILE SPLICE DETAILS, SEE DWG. NO. ST-31
---	FOR PILE TIP DETAILS, SEE DWG. NO. ST-31
---	THE ESTIMATED LENGTH OF PILE IS 65 ft.

• THESE ELEVATIONS ARE TAKEN AT CL OF BEARINGS

CONCRETE TABLE		
PLACEMENT	QUANTITY	ITEM NO.
1	39 C.Y.	555.09
2	19 C.Y.	555.09

AFFIX SEAL: Daniel P. Luley
ON: 10/21/2021

ALTERED BY:
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK S.H. 5513 - ILION VILLAGE-OTSEGO ST VILLAGE OF ILION	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED BEGIN ABUTMENT PLAN & ELEVATION ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647 DRAWING NO. ST-10 SHEET NO. 69
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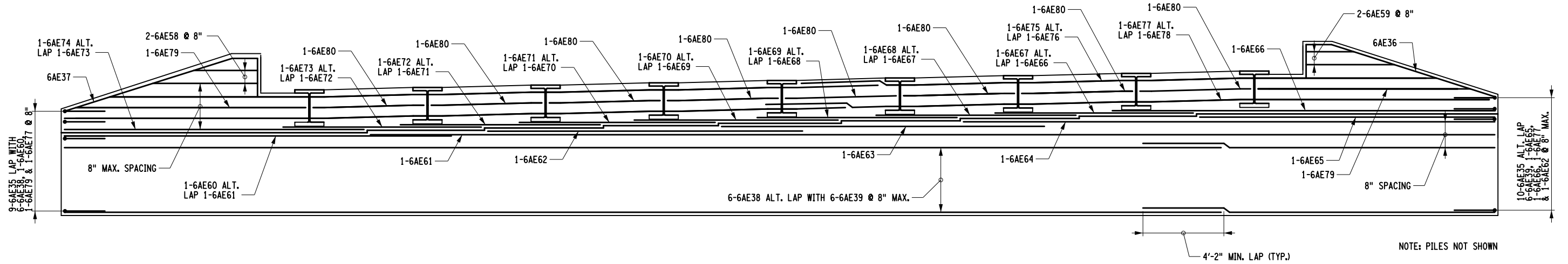
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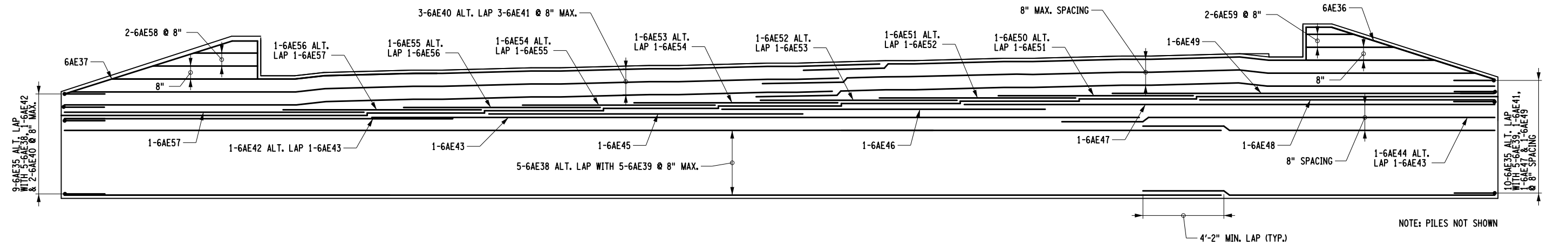
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DESIGN SUPERVISOR C. DODGE
 JOB MANAGER J. TIBBITTS
 DESIGN D. LULEY
 CHECK A. CHIRICOSTA
 DRAFTING D. LULEY
 CHECK A. CHIRICOSTA
 PROJECT MANAGER J. TIBBITTS



FRONT FACE REINFORCEMENT ELEVATION
 (ONLY HORIZONTAL BARS SHOWN)



REAR FACE REINFORCEMENT ELEVATION
 (ONLY HORIZONTAL BARS SHOWN)

NOTES:
 ALL REINFORCEMENT SHALL HAVE 2" COVER UNLESS OTHERWISE NOTED.

AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021

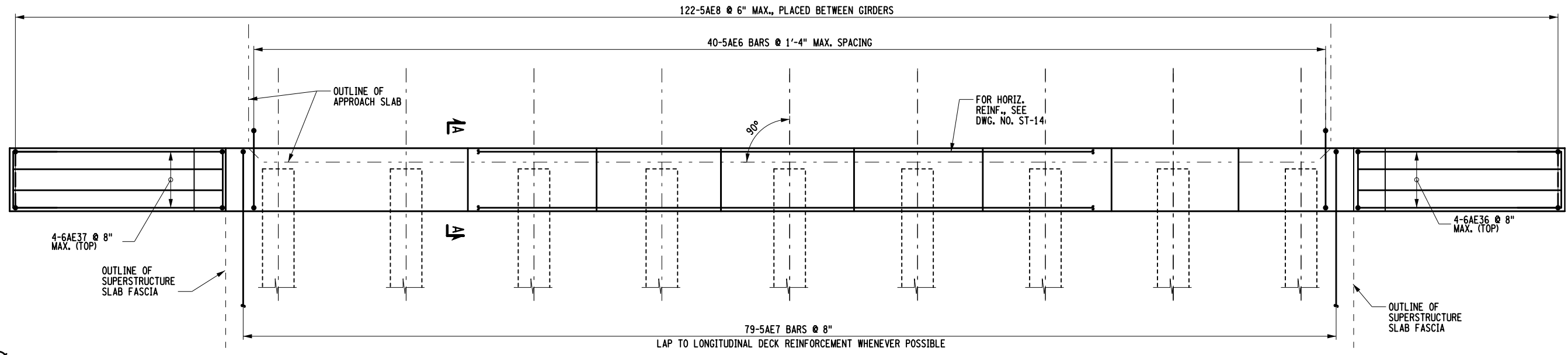
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 ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51	1026490			
	VILLAGE OF ILION					
COUNTY: HERKIMER	REGION: 02				ROUTE 51 OVER STEELE CREEK	DRAWING NO. ST-11 SHEET NO. 70

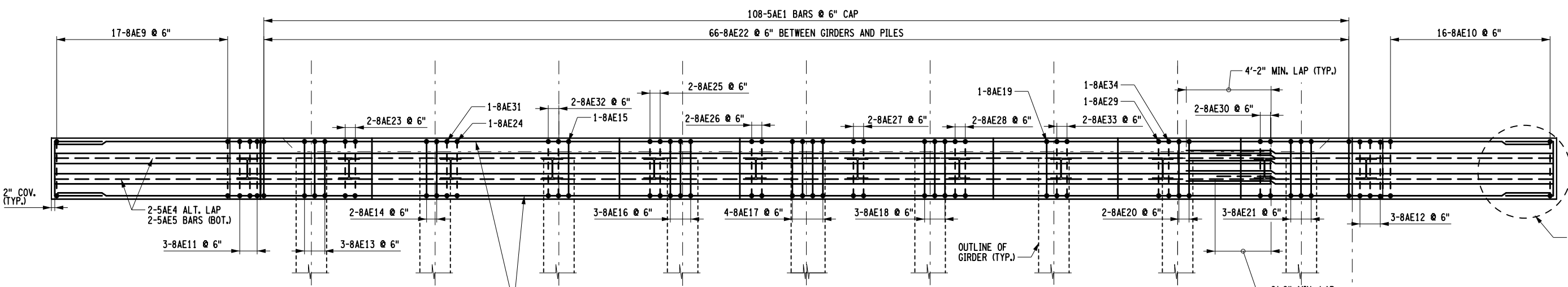
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE

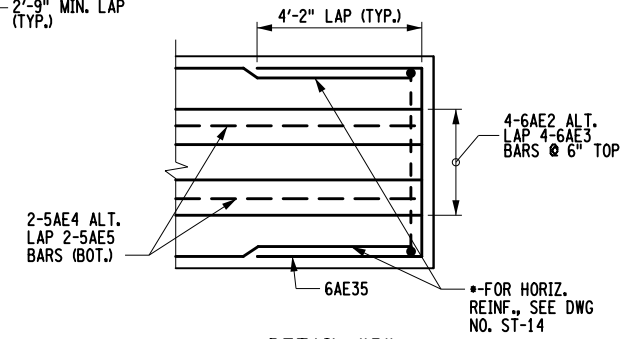


REINFORCEMENT PLAN - UPPER POUR



REINFORCEMENT PLAN - LOWER POUR

NOTES:
 ALL REINFORCEMENT SHALL HAVE 2" COVER UNLESS OTHERWISE NOTED.



DETAIL "B"
 (NORTH WINGWALL SHOWN, SOUTH SIDE SIMILAR)
 NOT TO SCALE

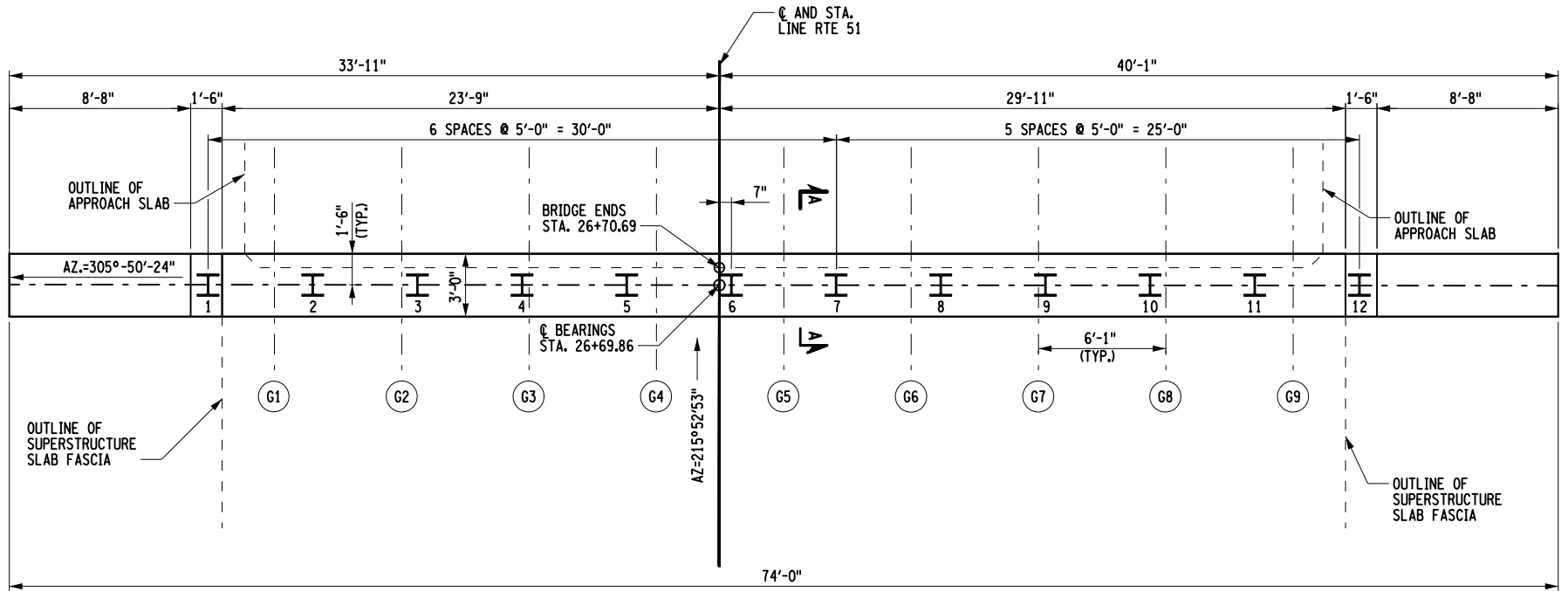
AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51				BEGIN ABUTMENT DETAIL
	VILLAGE OF ILION					ROUTE 51 OVER STEELE CREEK
	COUNTY: HERKIMER	REGION: 02				

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

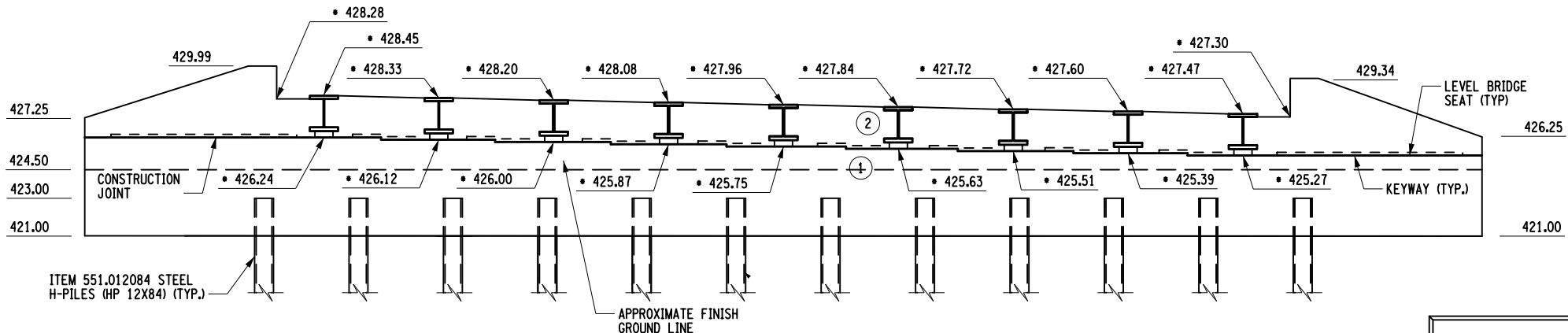


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 DATE/TIME = 20-OCT-2021 14:58
 USER = dluley



PLAN

ACTUAL PILE LENGTH	
PILE NO.	LENGTH BELOW CUT-OFF (FT)
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	



ELEVATION

- NOTES:
- HORIZONTAL KEYWAYS STOP 1'-0" FROM SUPPORT PLATE AND FACE OF CONCRETE POUR.
 - EXPOSED CONCRETE SURFACE SHALL BE SEALED UNDER ITEM 559.02
 - FOR HORIZONTAL KEYWAY DETAIL, SEE DWG. NO. ST-30
 - (NO.) - INDICATES CONCRETE PLACEMENT NUMBER
 - (•) - THESE ELEVATIONS ARE TAKEN AT CL OF BEARINGS
 - (G*) - INDICATES GIRDER NUMBER

LEGEND	
	STEEL H-PILE, ITEM NO. 551.012084
-	PILE CUT-OFF ELEVATION IS 423.0 FT.
-	FOR PILE SPLICE DETAILS, SEE DWG. NO. ST-31
-	FOR PILE TIP DETAILS, SEE DWG. NO. ST-31
-	THE ESTIMATED LENGTH OF PILE IS 65 FT.

• THESE ELEVATIONS ARE TAKEN AT CL OF BEARINGS

CONCRETE TABLE		
PLACEMENT	QUANTITY	ITEM NO.
1	39 C.Y.	555.09
2	19 C.Y.	555.09

AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021

ALTERED BY:
 ON:

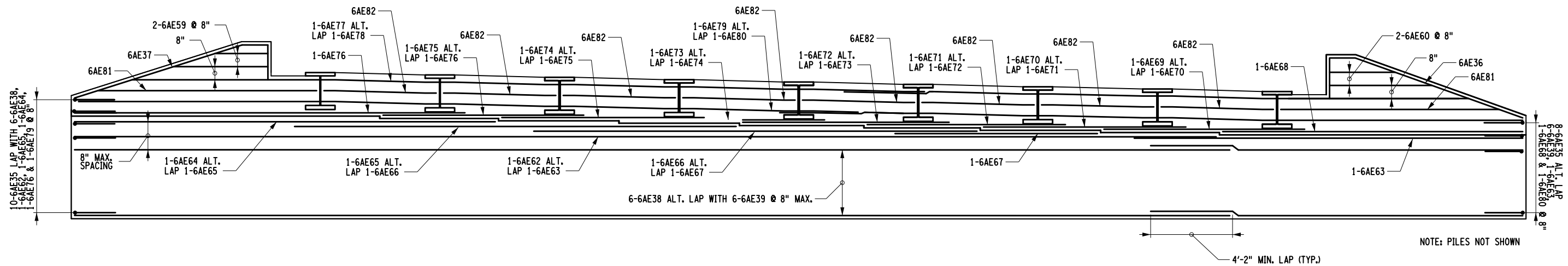
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK S.H. 5513 - ILION VILLAGE-OTSEGO ST VILLAGE OF ILION COUNTY: HERKIMER REGION: 02	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED END ABUTMENT PLAN & ELEVATION ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647 DRAWING NO. ST-13 SHEET NO. 72
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

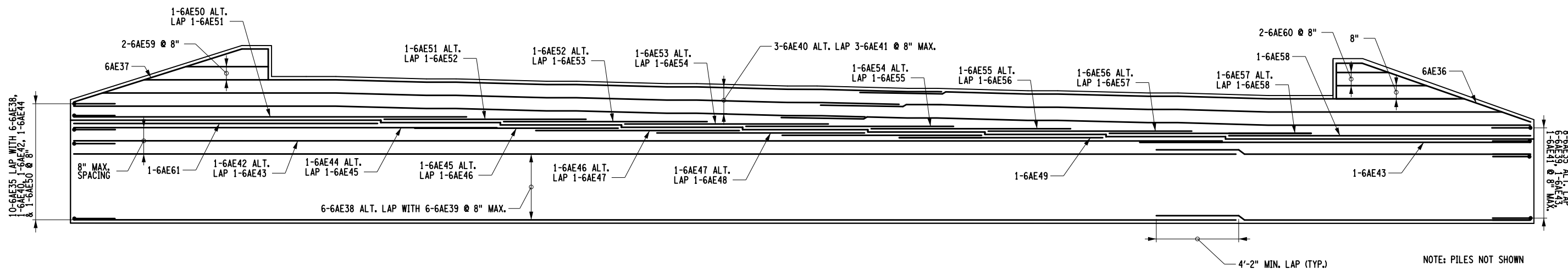


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 DATE/TIME = 20-OCT-2021 14:59
 USER = dluley

PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 DESIGN SUPERVISOR: C. DODGE



FRONT FACE REINFORCEMENT ELEVATION
 (ONLY HORIZONTAL BARS SHOWN)

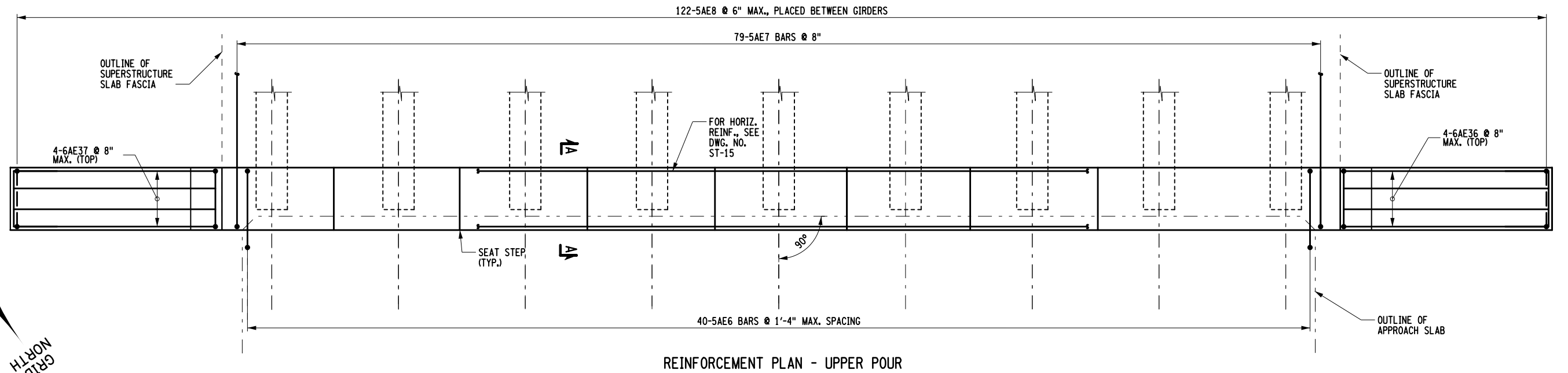


REAR FACE REINFORCEMENT ELEVATION
 (ONLY HORIZONTAL BARS SHOWN)

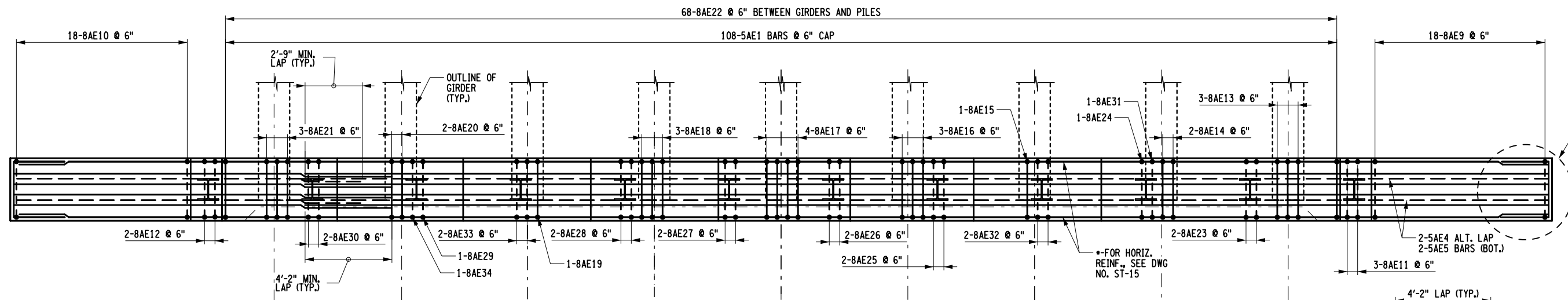
NOTES:
 ALL REINFORCEMENT SHALL HAVE 2" COVER UNLESS OTHERWISE NOTED.

AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:

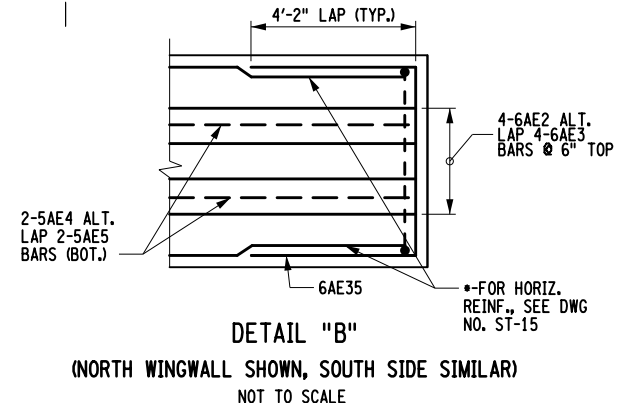
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED END ABUTMENT REINFORCEMENT DETAILS ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST					DRAWING NO. ST-14
	VILLAGE OF ILION					SHEET NO. 73
COUNTY: HERKIMER	REGION: 02	IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.				Department of Transportation



REINFORCEMENT PLAN - UPPER POUR



REINFORCEMENT PLAN - LOWER POUR



NOTES:
ALL REINFORCEMENT SHALL HAVE 2" COVER UNLESS OTHERWISE NOTED.

AFFIX SEAL: Daniel P. Luley
ON: 10/21/2021

ALTERED BY:
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			END ABUTMENT DETAILS	DRAWING NO. ST-15
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	SHEET NO. 74
	COUNTY: HERKIMER	REGION: 02				

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

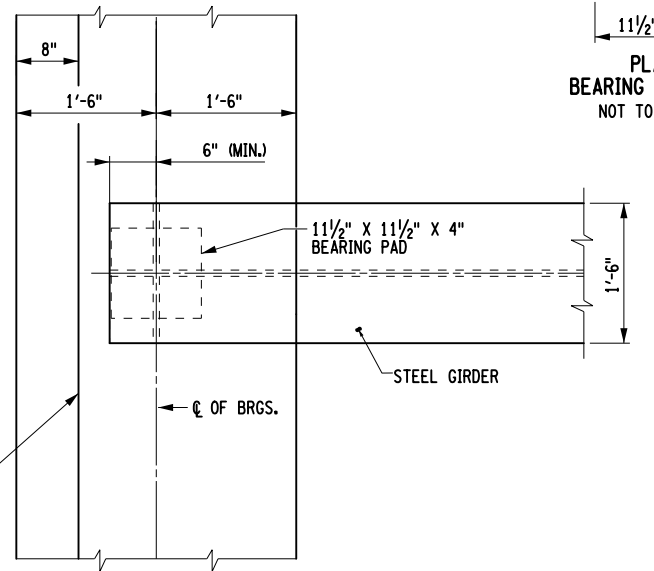
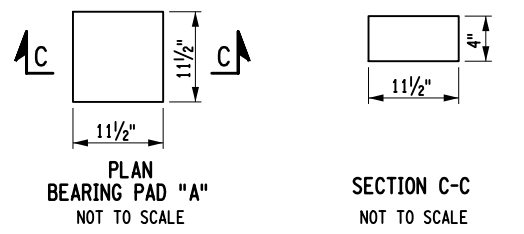
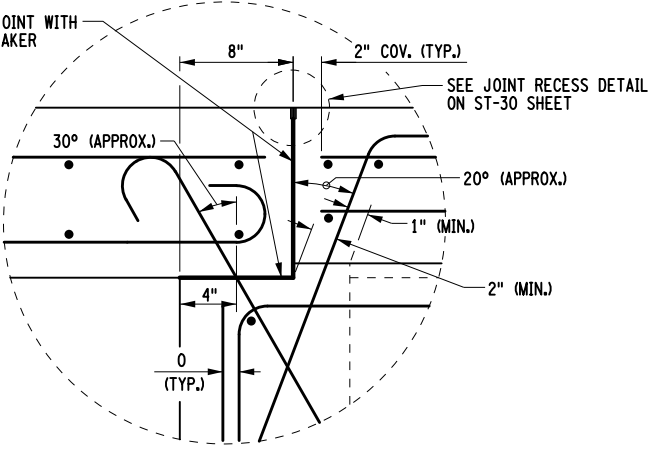
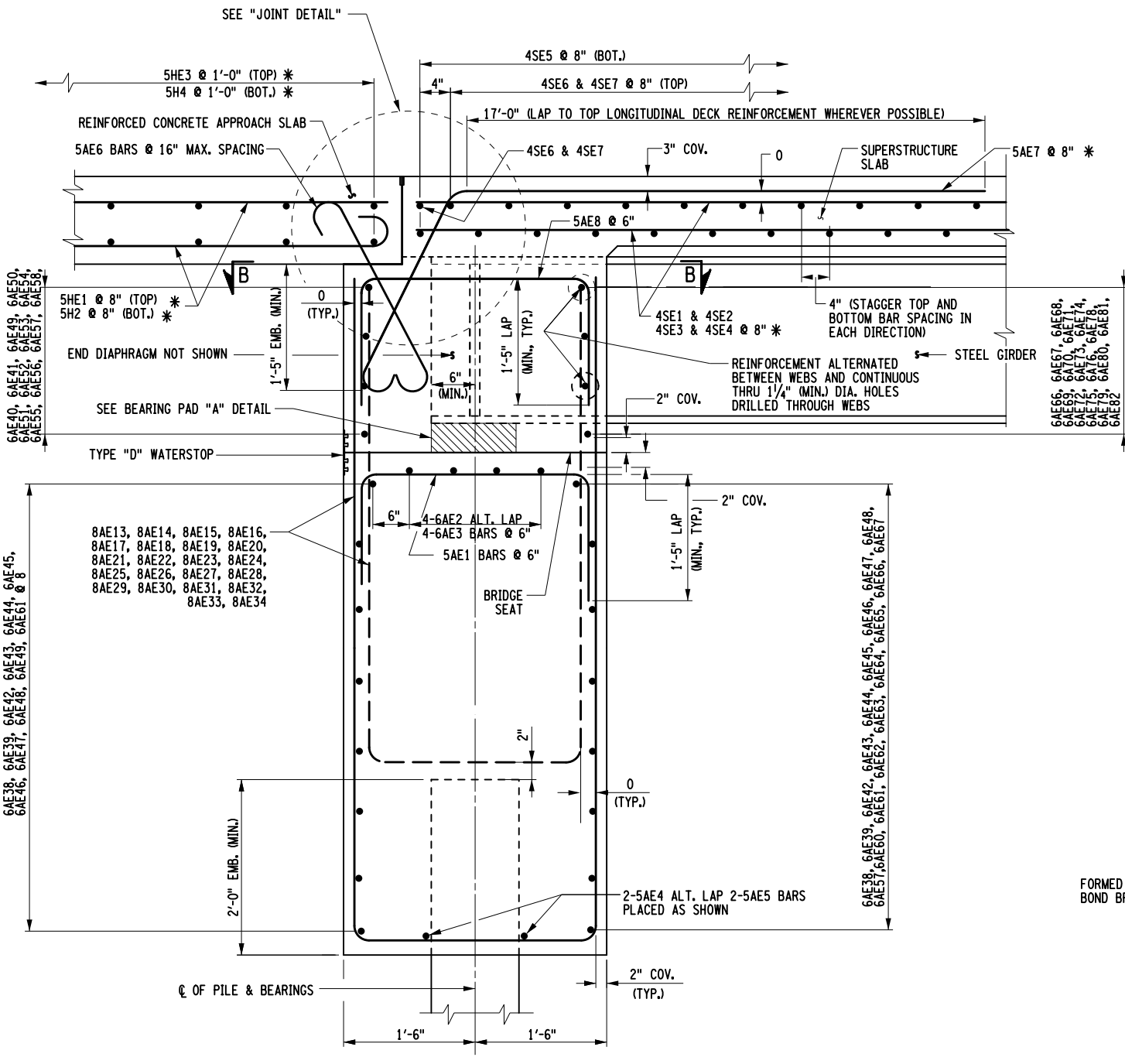


FILE NAME = 200412_cpb_dbt_rmf_and.pln.dgn
DATE/TIME = 20-OCT-2021 15:01
USER = dluley

PROJECT MANAGER: J. TIBBITTS
CHECK: A. CHIRICOSTA
DRAFTING: D. LULEY
DESIGN: D. LULEY
JOB MANAGER: J. TIBBITTS
DESIGN SUPERVISOR: C. DODGE

FILE NAME = 200412_cpb_abt_dtl_integral
 DATE/TIME = 20-OCT-2021 15:03
 USER = dluley

PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE



SECTION A-A
NOT TO SCALE

JOINT DETAIL
NOT TO SCALE

INTEGRAL ABUTMENT CONSTRUCTION PROCEDURE

1. DRIVE PILES AND CUT OFF PILES AT ELEVATIONS SHOWN.
2. PLACE ABUTMENT STEM CONCRETE TO 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.
4. PLACE STONE FILL PROTECTION.
5. ERECT GIRDERS AND INSTALL ALL DIAPHRAGMS. GIRDERS SHALL BE FABRICATED AND ERECTED SUCH THAT THE WEBS WILL BE VERTICAL UNDER FULL DEAD LOAD.
6. PLACE ABUTMENT BACKWALL CONCRETE TO TOP OF GIRDERS.
7. BACKFILL ABUTMENT BACKWALLS. NO BACKFILLING OF THE ABUTMENT IS ALLOWED UNTIL BACKWALLS HAVE CURED FOR 7 DAYS.
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.

NOTES:
 (E) DENOTES EPOXY-COATED BARS
 BEARING PAD TO MEET THE REQUIREMENTS OF NYS MATERIAL SPEC. 728.01. RUBBER-IMPREGNATED WOVEN COTTON-POLYESTER FABRIC BEARING PAD. BEARING PAD TO BE PAID FOR UNDER ITEM 565.30.
 FOR JOINT RECESS DETAIL, SEE DWG. NO. ST-30
 FOR TYPE "D" WATERSTOP DETAILS, SEE DWG. NO. ST-30

NOTE:
 PLACEMENT AND OR SPACINGS SHOWN FOR SUPERSTRUCTURE SLAB BARS, APPROACH SLAB BARS AND BARS EXTENDING INTO THESE SLABS FROM THE ABUTMENT ARE PARALLEL TO GIRDER, UNLESS OTHERWISE NOTED.

* SPACING SHOWN FOR THESE BARS ARE PARALLEL TO GIRDER.

AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021
 ALTERED BY:
 ON:

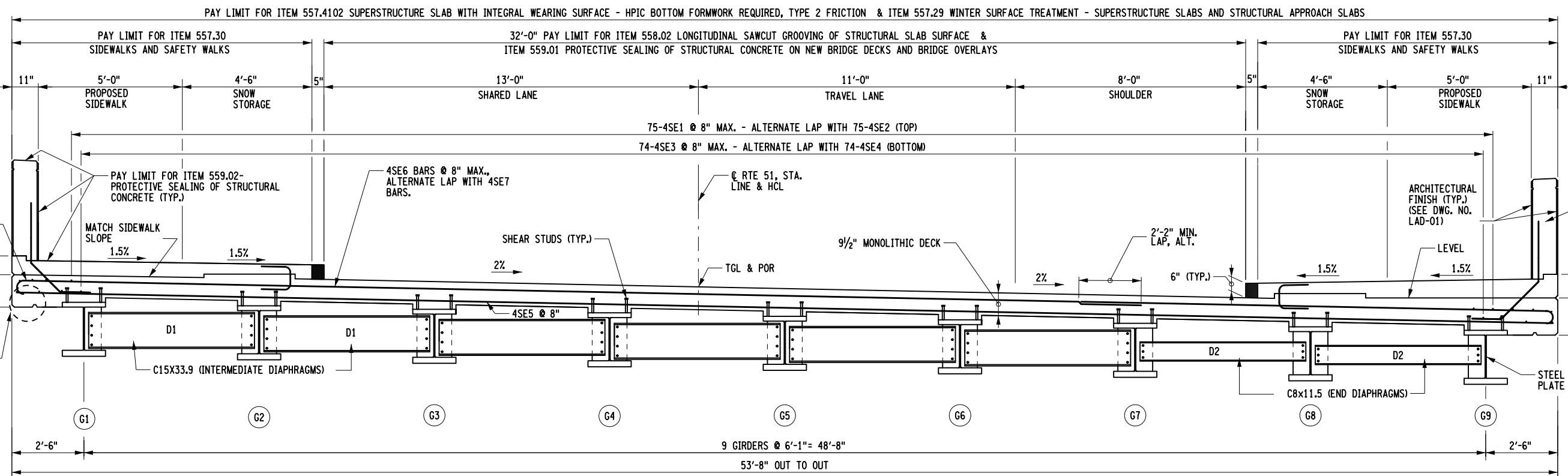


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST				INTEGRAL ABUTMENT DETAILS	
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	DRAWING NO. ST-16
	COUNTY: HERKIMER	REGION: 02				SHEET NO. 75

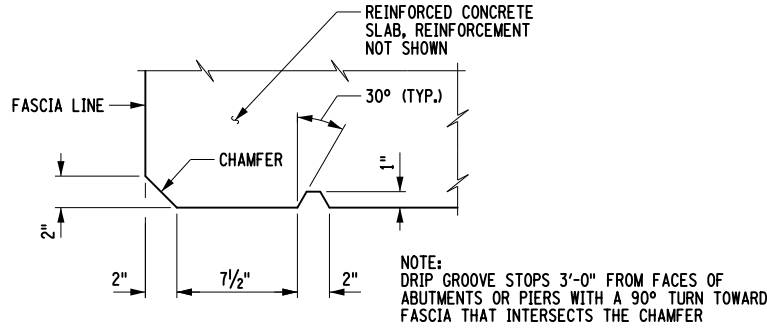
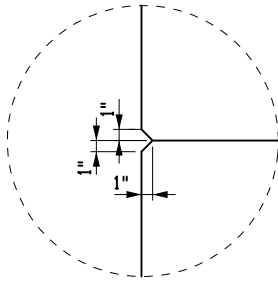
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



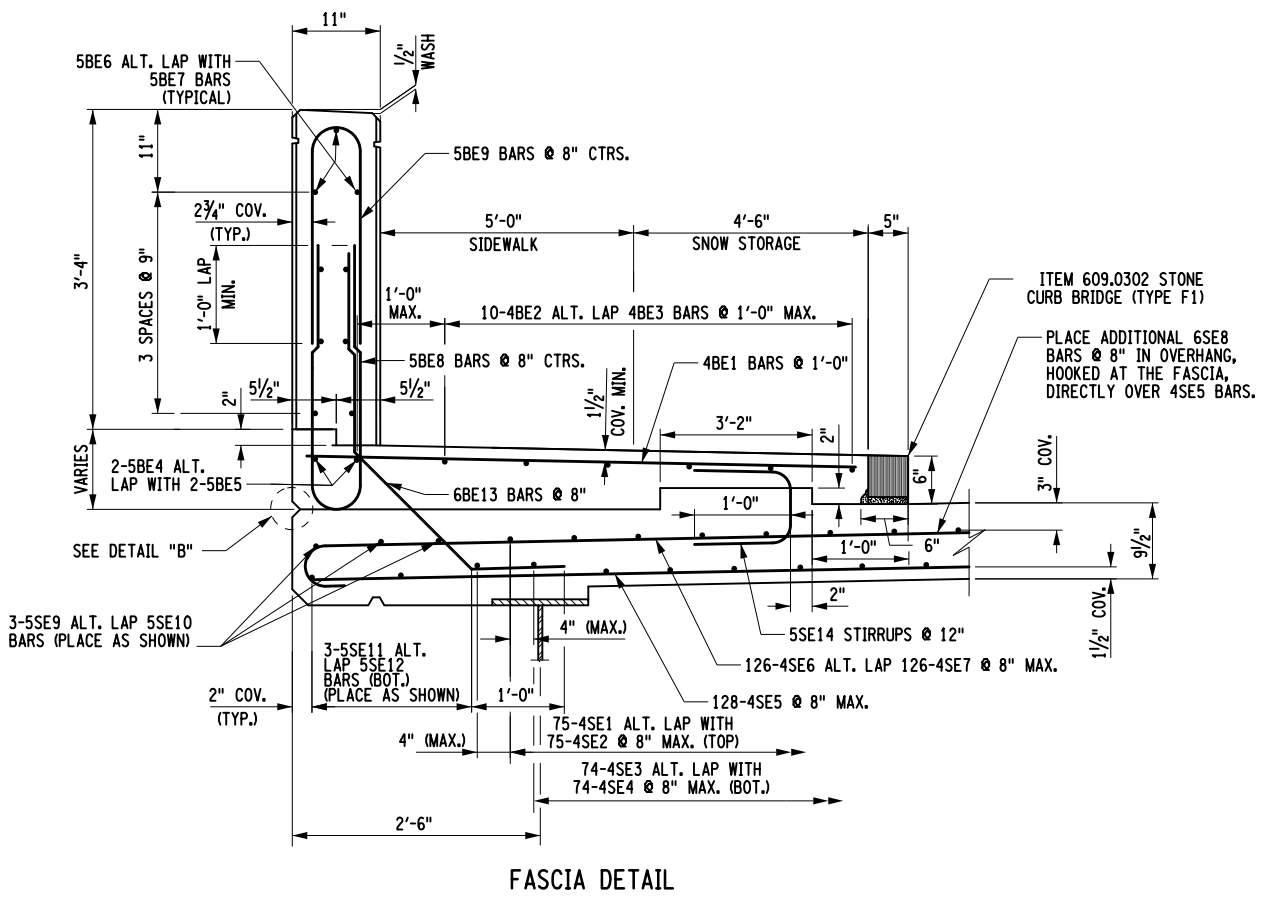
PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 CHECK: A. CHIRICOSTA
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE



TRANSVERSE SECTION
SCALE 1'-4"



- NOTES:
- (E) DENOTES EPOXY BARS
 - ALL REINFORCEMENT SHALL HAVE 2" COVER UNLESS OTHERWISE NOTED.
 - ALL #4(E) BAR SHALL HAVE A MINIMUM LAP 2'-2" UNLESS OTHERWISE NOTED.



AFFIX SEAL: Daniel P. Luley
ON: 10/21/2021
 ALTERED BY: ON:

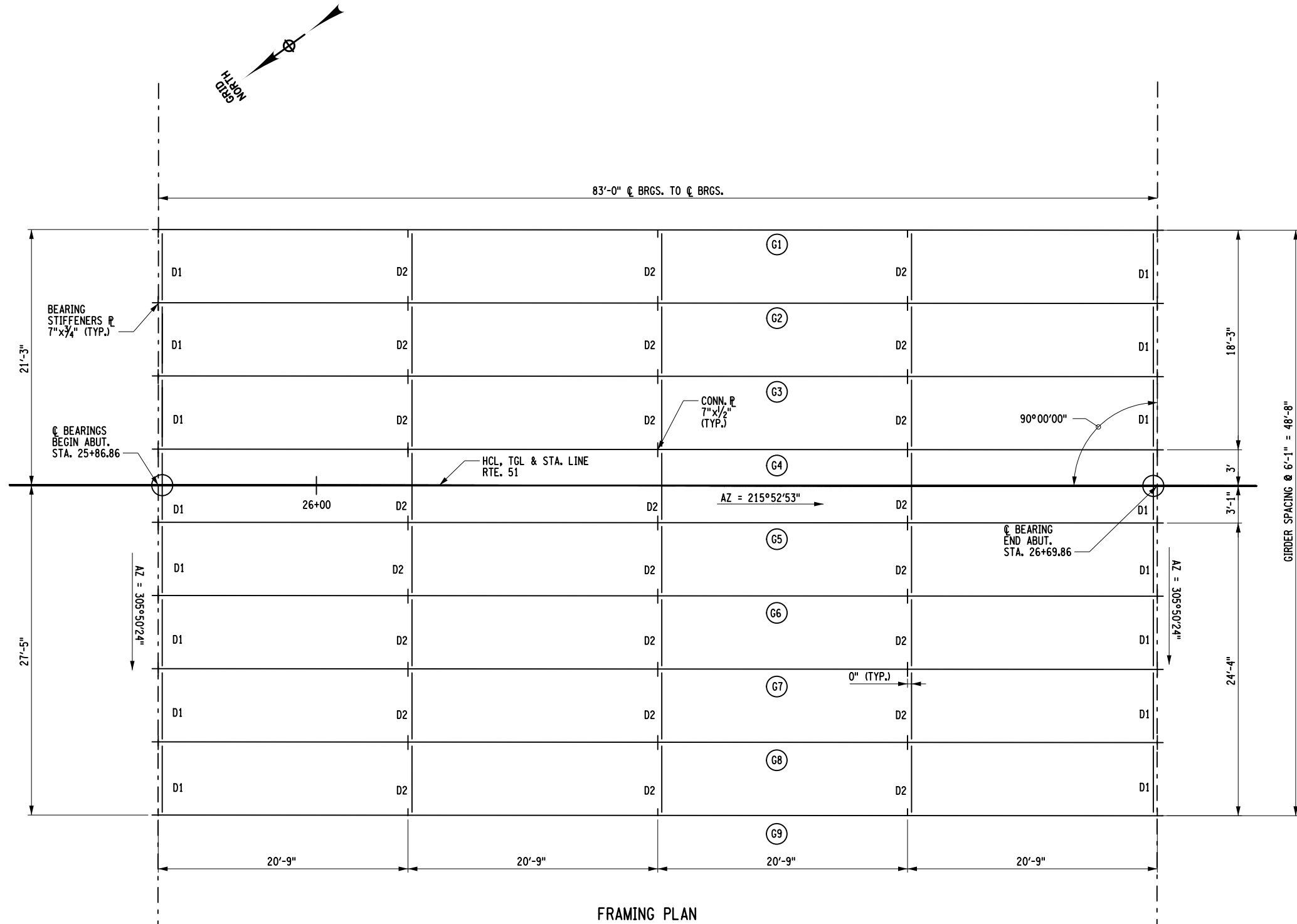



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			TRANSVERSE SECTION	DRAWING NO. ST-17
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	SHEET NO. 76
	COUNTY: HERKIMER REGION: 02					

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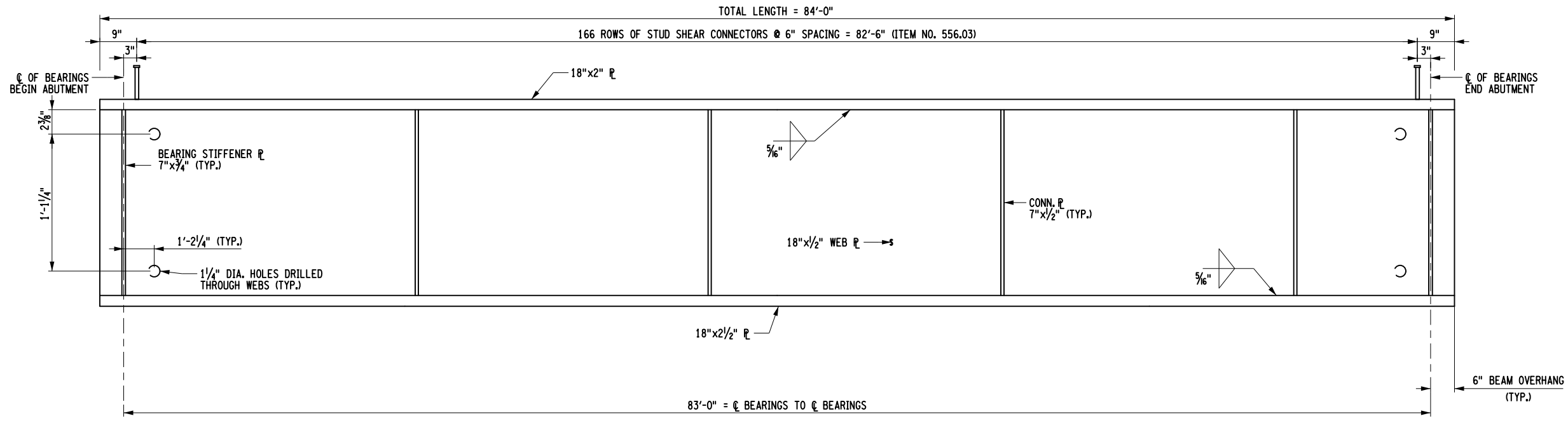
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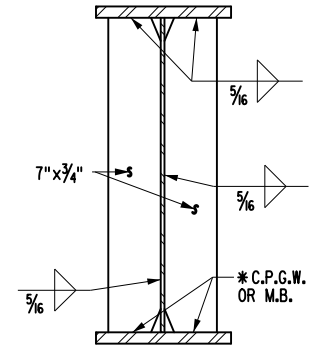
AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK S.H. 5513 - ILION VILLAGE-OTSEGO ST VILLAGE OF ILION COUNTY: HERKIMER	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED FRAMING PLAN ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647 DRAWING NO. ST-18 SHEET NO. 77
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.						

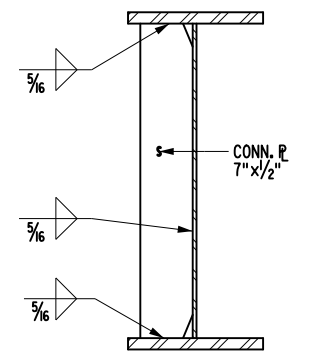
PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 CHECK: A. CHIRICOSTA
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE



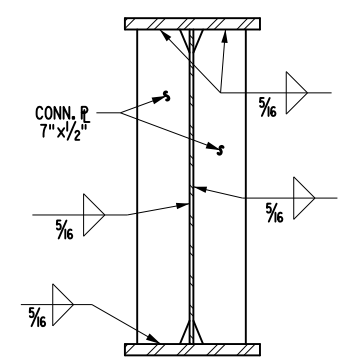
GIRDER ELEVATION
NOT TO SCALE



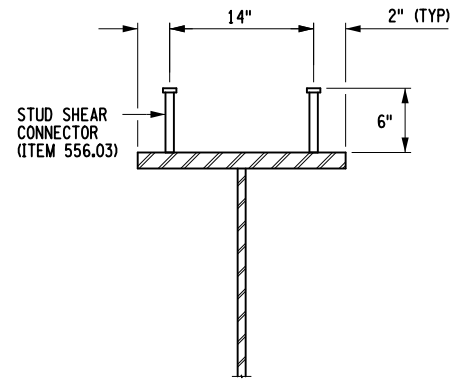
BEARING STIFFENER CONNECTION
NOT TO SCALE



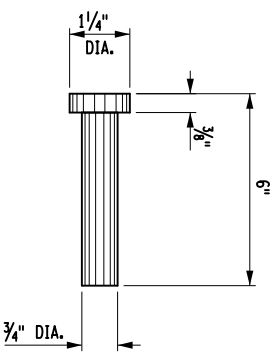
FASCIA GIRDER CONNECTION
NOT TO SCALE



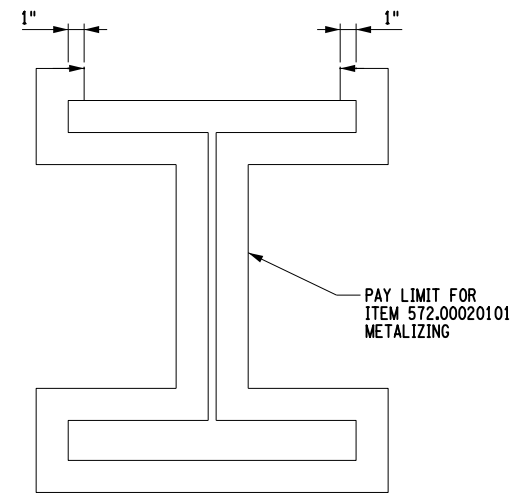
INTERIOR GIRDER CONNECTION
NOT TO SCALE



STUD SHEAR CONNECTOR DETAIL
NOT TO SCALE



STUD DETAIL
NOT TO SCALE



PAY LIMITS FOR METALIZING
NOT TO SCALE

NOTES:
 C.P.G.W. = COMPLETE PENETRATION GROOVE WELD
 M.B. = MILL TO BEAR

THE ENDS OF ALL GIRDERS AND THE BEARING STIFFENERS SHALL BE VERTICAL. ALL CONNECTION PLATES AND INTERMEDIATE STIFFENERS MAY BE PERPENDICULAR TO THE TOP FLANGES.

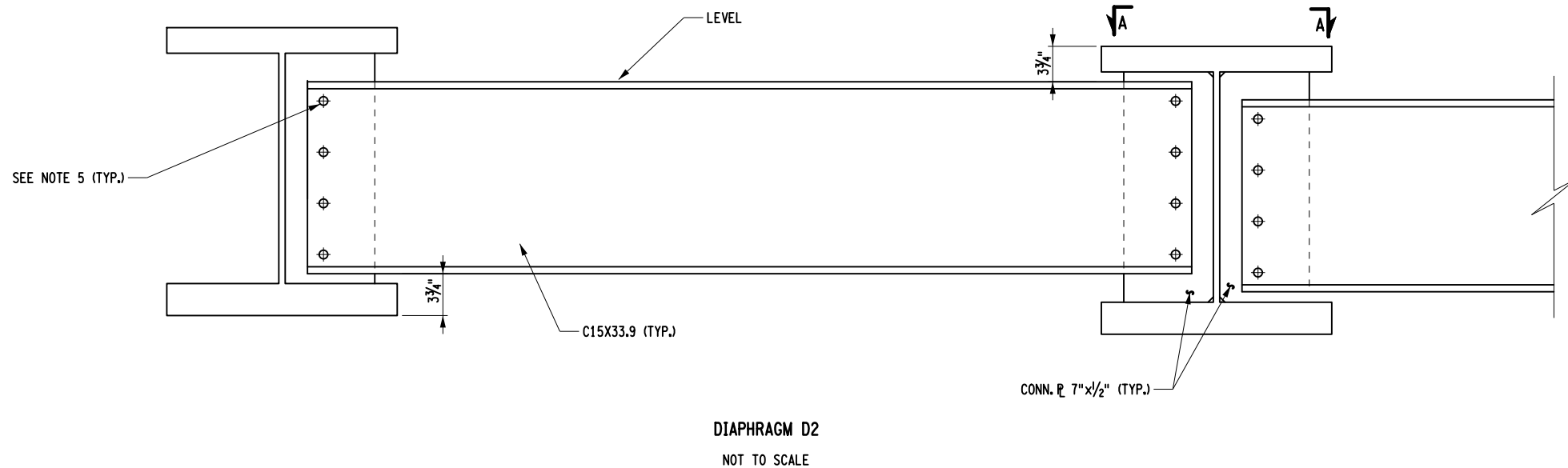
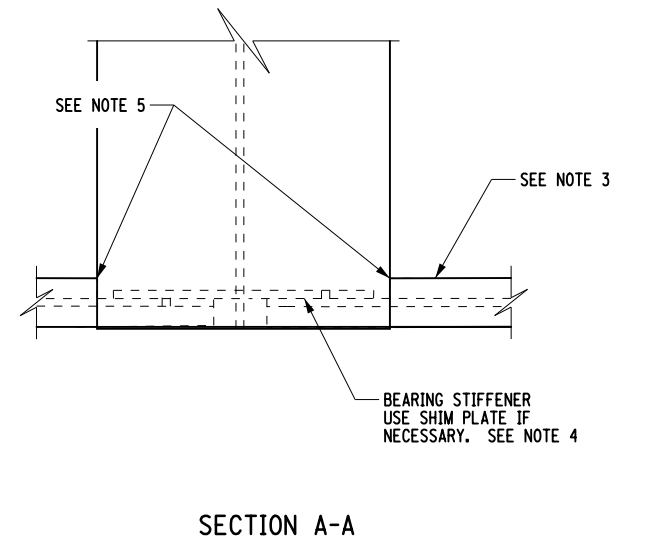
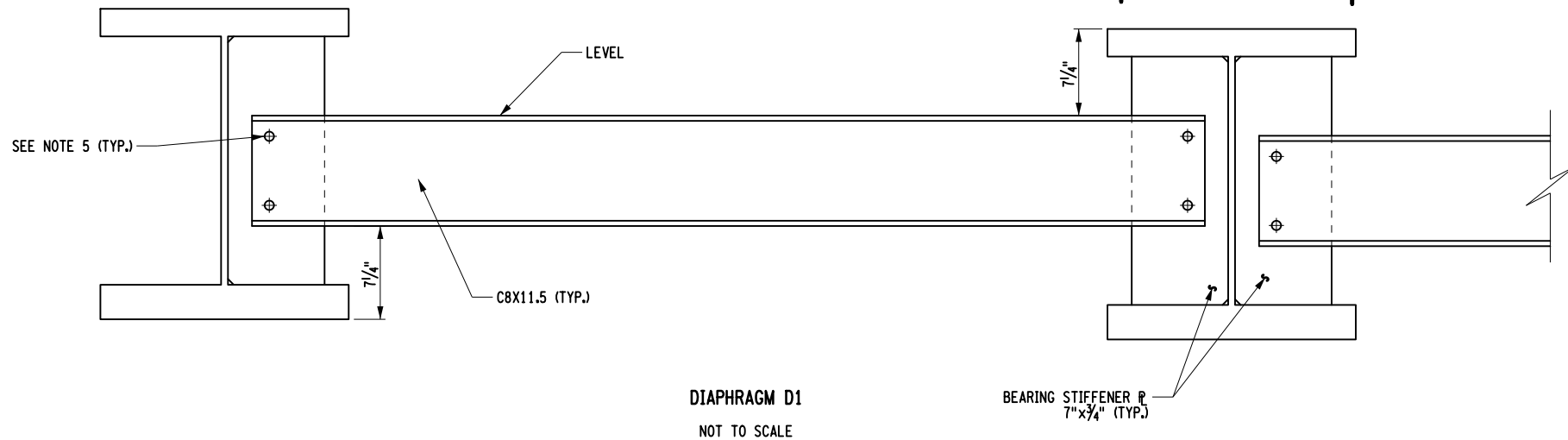
AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51				DRAWING NO. ST-19
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	SHEET NO. 78
	COUNTY: HERKIMER	REGION: 02				

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FILE NAME = 200412_cpb_dfl_elev.dgn
 DATE/TIME = 19-OCT-2021 08:03
 USER = BLEO



- NOTES:
1. CONNECTIONS SHALL BE MADE ACCORDING TO THE NEW YORK STATE STEEL CONSTRUCTION MANUAL.
 2. UNLESS OTHERWISE INDICATED, BOLTED CONNECTIONS SHALL BE MADE WITH 7/8" DIA. ASTM F3125, GRADE A325 HIGH-STRENGTH BOLTS.
 3. 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.
 4. ALL BOLT HEADS SHALL BE PLACED ON THE TOP SIDE OF CONNECTIONS UNLESS OTHERWISE NOTED.

AFFIX SEAL:
ON: _____

ALTERED BY:
ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			DIAPHRAGM DETAILS	DRAWING NO. ST-20
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	SHEET NO. 79
	COUNTY: HERKIMER	REGION: 02				

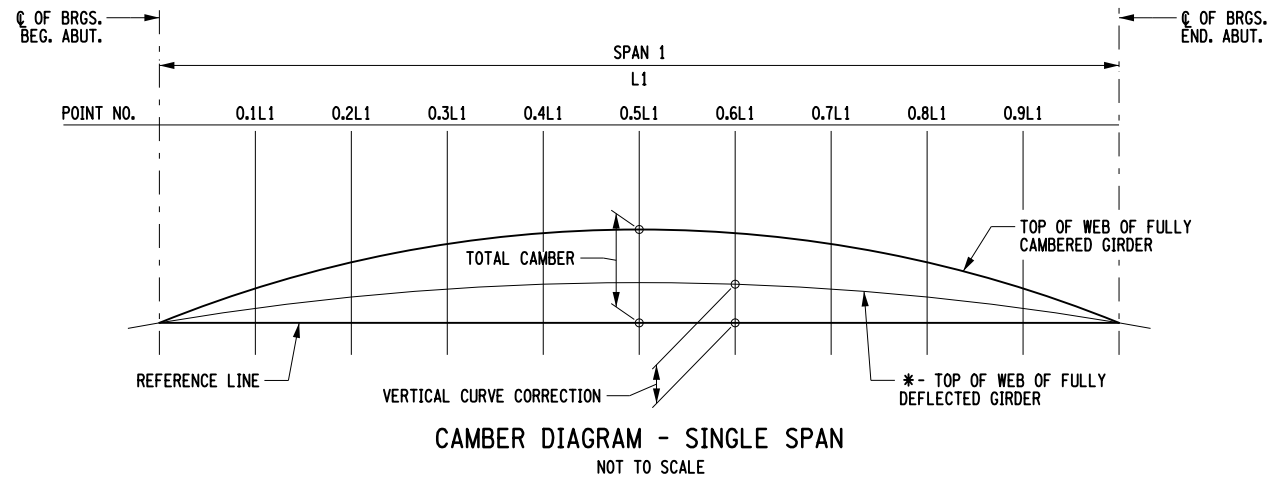
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CAMBER TABLE		¢ OF BRGS. BEG. ABUT.	0.1 L1	0.2 L1	0.3 L1	0.4 L1	0.5 L1	0.6 L1	0.7 L1	0.8 L1	0.9 L1	¢ OF BRGS. BEG. END
GIRDERS G1 & G9	I. STEEL D.L. (ft.)	0.00	0.037	0.070	0.095	0.112	0.117	0.112	0.095	0.070	0.037	0.00
	II. CONCRETE D.L. (ft.)	0.00	0.090	0.171	0.234	0.274	0.287	0.274	0.234	0.171	0.090	0.00
	III. SUPERIMPOSED D.L. (ft.)	0.00	0.029	0.055	0.075	0.088	0.093	0.088	0.075	0.055	0.029	0.00
	IV. VERTICAL CURVE D.L. (ft.)	0.00	0.090	0.170	0.220	0.250	0.260	0.250	0.220	0.170	0.090	0.00
	TOTAL = I + II + III + IV (ft.)	0.00	0.246	0.466	0.624	0.724	0.757	0.724	0.624	0.466	0.246	0.00

GIRDERS G2 - G8	I. STEEL D.L. (ft.)	0.00	0.037	0.070	0.095	0.112	0.117	0.112	0.095	0.070	0.037	0.00
	II. CONCRETE D.L. (ft.)	0.00	0.089	0.168	0.230	0.270	0.283	0.270	0.230	0.168	0.089	0.00
	III. SUPERIMPOSED D.L. (ft.)	0.00	0.028	0.053	0.073	0.086	0.090	0.086	0.073	0.053	0.028	0.00
	IV. VERTICAL CURVE D.L. (ft.)	0.00	0.090	0.170	0.220	0.250	0.260	0.250	0.220	0.170	0.090	0.00
	TOTAL = I + II + III + IV (ft.)	0.00	0.244	0.461	0.618	0.718	0.750	0.718	0.618	0.461	0.244	0.00

MOMENT & SHEAR TABLE			¢ 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	¢ OF BRGS. BEG. END
GIRDERS G1 & G9	D.L.	MOMENT	0.00	347.11	617.08	809.91	925.62	964.18	925.62	809.91	617.08	347.11	0.00
		SHEAR	46.47	37.18	27.89	18.59	9.29	0.00	-9.29	-18.59	-27.89	-37.18	-46.47
	S.D.L.	MOMENT	0.00	129.30	229.87	301.69	344.79	359.16	344.79	301.69	229.87	129.30	0.00
		SHEAR	17.30	13.84	8.66	6.92	3.46	0.00	-3.46	-6.92	-8.66	-13.84	-17.30
	HL-93 (+)	MOMENT	0.00	416.59	730.56	941.93	1065.73	1094.46	1065.73	941.93	730.56	416.59	0.00
		SHEAR	56.37	48.98	41.86	35.01	28.43	22.11	16.06	10.48	5.51	2.28	0.00
HL-93 (-)	MOMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	SHEAR	0.00	-2.28	-5.51	-10.48	-16.06	-22.11	-28.43	-35.01	-41.86	-48.98	-56.37	
GIRDERS G2 - G8	D.L.	MOMENT	0.00	343.60	610.91	801.81	916.36	954.54	916.36	801.81	610.91	343.60	0.00
		SHEAR	46.01	36.81	27.61	18.40	9.20	0.00	-9.20	-18.40	-27.61	-36.81	-46.01
	S.D.L.	MOMENT	0.00	129.30	229.87	301.69	344.79	359.16	344.79	301.69	229.87	129.30	0.00
		SHEAR	17.30	13.84	10.39	6.92	3.46	0.00	-3.46	-6.92	-10.39	-13.84	-17.30
	HL-93 (+)	MOMENT	0.00	422.06	740.15	954.29	1079.72	1108.82	1079.72	954.29	740.15	422.06	0.00
		SHEAR	75.49	65.59	56.06	46.88	38.06	29.61	21.51	14.04	7.38	3.06	0.00
HL-93 (-)	MOMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	SHEAR	0.00	-3.06	-7.38	-14.04	-21.51	-29.61	-38.06	-46.88	-56.06	-65.59	-75.49	

NOTES:
 MOMENTS AND SHEARS ARE UNFACTORED
 MOMENTS ARE EXPRESSED AS KIP-FEET
 SHEARS ARE EXPRESSED AS KIPS



NOTE:
 * - TOP OF WEB OF FULLY DEFLECTED GIRDER LINE WILL MATCH REFERENCE LINE ON BRIDGES THAT DO NOT HAVE A VERTICAL CURVE.

DESIGN LOAD TABLE		UNIT	LOAD K/ft.
GIRDERS 1 & 9	D.L.	SLAB	0.66
		HAUNCH	0.08
		GIRDER	0.25
		S.I.P. FORMS	0.01
		DIAPHRAGMS	0.01
	TOTAL	1.01	
S.D.L.	SIDEWALK	0.09	
	PARAPET	0.10	
	FUTURE W.S.	0.09	
	TOTAL	0.28	
GIRDERS 2-8	D.L.	SLAB	0.72
		HAUNCH	0.04
		GIRDER	0.25
		S.I.P. FORMS	0.02
		DIAPHRAGMS	0.01
	TOTAL	1.04	
S.D.L.	SIDEWALK	0.09	
	PARAPET	0.10	
	FUTURE W.S.	0.09	
	TOTAL	0.28	

ASSUMED LIVE LOAD = HL-93

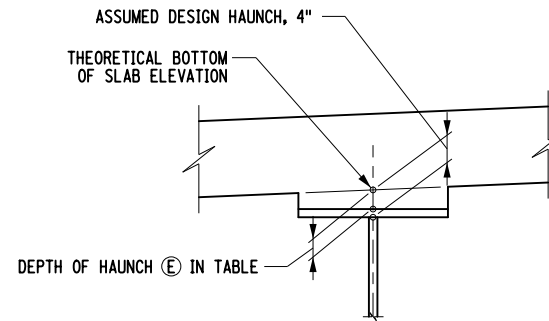
AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK S.H. 5513 - ILION VILLAGE-OTSEGO ST VILLAGE OF ILION COUNTY: HERKIMER	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED CAMBER, MOMENT & SHEAR, AND DESIGN LOAD TABLES ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647 DRAWING NO. ST-21 SHEET NO. 80
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
						Department of Transportation

HAUNCH TABLE		¢. 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	¢. OF BRGS. END ABUT.
GIRDER G1	A REQ'D BOTTOM OF SLAB ELEVATION	428.61	428.71	428.78	428.83	428.87	428.88	428.87	428.83	428.78	428.71	428.61
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.23	0.31	0.36	0.38	0.36	0.31	0.23	0.12	0.00
	E DEPTH OF HAUNCH REQ'D = C+D (ft.)											
GIRDER G2	A REQ'D BOTTOM OF SLAB ELEVATION	428.49	428.59	428.66	428.71	428.74	428.75	428.74	428.71	428.66	428.59	428.49
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.22	0.30	0.36	0.37	0.36	0.30	0.22	0.12	0.00
	E DEPTH OF HAUNCH REQ'D = C+D (ft.)											
GIRDER G3	A REQ'D BOTTOM OF SLAB ELEVATION	428.37	428.47	428.54	428.59	428.62	428.63	428.62	428.59	428.54	428.47	428.37
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.22	0.30	0.36	0.37	0.36	0.30	0.22	0.12	0.00
	E DEPTH OF HAUNCH REQ'D = C+D (ft.)											
GIRDER G4	A REQ'D BOTTOM OF SLAB ELEVATION	428.25	428.34	428.42	428.47	428.50	428.51	428.50	428.47	428.42	428.34	428.25
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.22	0.30	0.36	0.37	0.36	0.30	0.22	0.12	0.00
	E DEPTH OF HAUNCH REQ'D = C+D (ft.)											
GIRDER G5	A REQ'D BOTTOM OF SLAB ELEVATION	428.13	428.22	428.30	428.35	428.38	428.39	428.38	428.35	428.30	428.22	428.13
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.22	0.30	0.36	0.37	0.36	0.30	0.22	0.12	0.00
	E DEPTH OF HAUNCH REQ'D = C+D (ft.)											

HAUNCH TABLE		¢. 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	¢. OF BRGS. END ABUT.
GIRDER G6	A REQ'D BOTTOM OF SLAB ELEVATION	428.01	428.10	428.17	428.23	428.26	428.27	428.26	428.23	428.17	428.10	428.01
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.22	0.30	0.36	0.37	0.36	0.30	0.22	0.12	0.00
	E DEPTH OF HAUNCH REQ'D = C+D (ft.)											
GIRDER G7	A REQ'D BOTTOM OF SLAB ELEVATION	427.88	427.98	428.05	428.10	428.14	428.15	428.14	428.10	428.05	427.98	427.88
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.22	0.30	0.36	0.37	0.36	0.30	0.22	0.12	0.00
	E DEPTH OF HAUNCH REQ'D = C+D (ft.)											
GIRDER G8	A REQ'D BOTTOM OF SLAB ELEVATION	427.76	427.86	427.93	427.98	428.01	428.02	428.01	427.98	427.93	427.86	427.76
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.22	0.30	0.36	0.37	0.36	0.30	0.22	0.12	0.00
	E DEPTH OF HAUNCH REQ'D = C+D (ft.)											
GIRDER G9	A REQ'D BOTTOM OF SLAB ELEVATION	427.64	427.74	427.81	427.86	427.89	427.90	427.89	427.86	427.81	427.74	427.64
	B TOP OF STEEL EL. (FIELD MEASURE)											
	C=A-B											
	D CONCRETE + S.D.L. DEFLECTION	0.00	0.12	0.23	0.31	0.36	0.38	0.36	0.31	0.23	0.12	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
 NOT TO SCALE

AFFIX SEAL: Daniel P. Luley ON: 10/21/2021	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK S.H. 5513 - ILION VILLAGE-OTSEGO ST VILLAGE OF ILION COUNTY: HERKIMER	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED HAUNCH TABLE ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647 DRAWING NO. ST-22 SHEET NO. 81
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
						Department of Transportation

PROJECT MANAGER J. TIBBITTS
 CHECK A. CHIRICOSTA
 DRAFTING D. LULEY
 CHECK A. CHIRICOSTA
 DESIGN D. LULEY
 JOB MANAGER J. TIBBITTS
 DESIGN SUPERVISOR C. DODGE

DECK PLACEMENT NOTES:

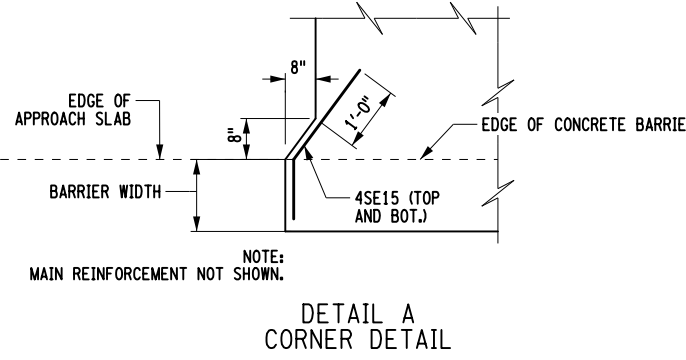
CONCRETE PLACEMENT AND FINISHING OPERATIONS SHALL BE PERFORMED AS RAPIDLY AS POSSIBLE. THE ENGINEER MAY DIRECT THE CONTRACTOR TO STOP PLACEMENT OPERATIONS AT ANY TIME IF, IN THE ENGINEER'S OPINION, CONCRETE PLACED DURING THE PLACEMENT HAS STARTED TO SET, OR IS ABOUT TO SET, AND FURTHER PLACEMENT OF CONCRETE WILL CAUSE DEFLECTION CRACKING.

LONGITUDINAL CONSTRUCTION JOINTS NOT SHOWN IN THE PLANS WILL NOT BE PERMITTED.

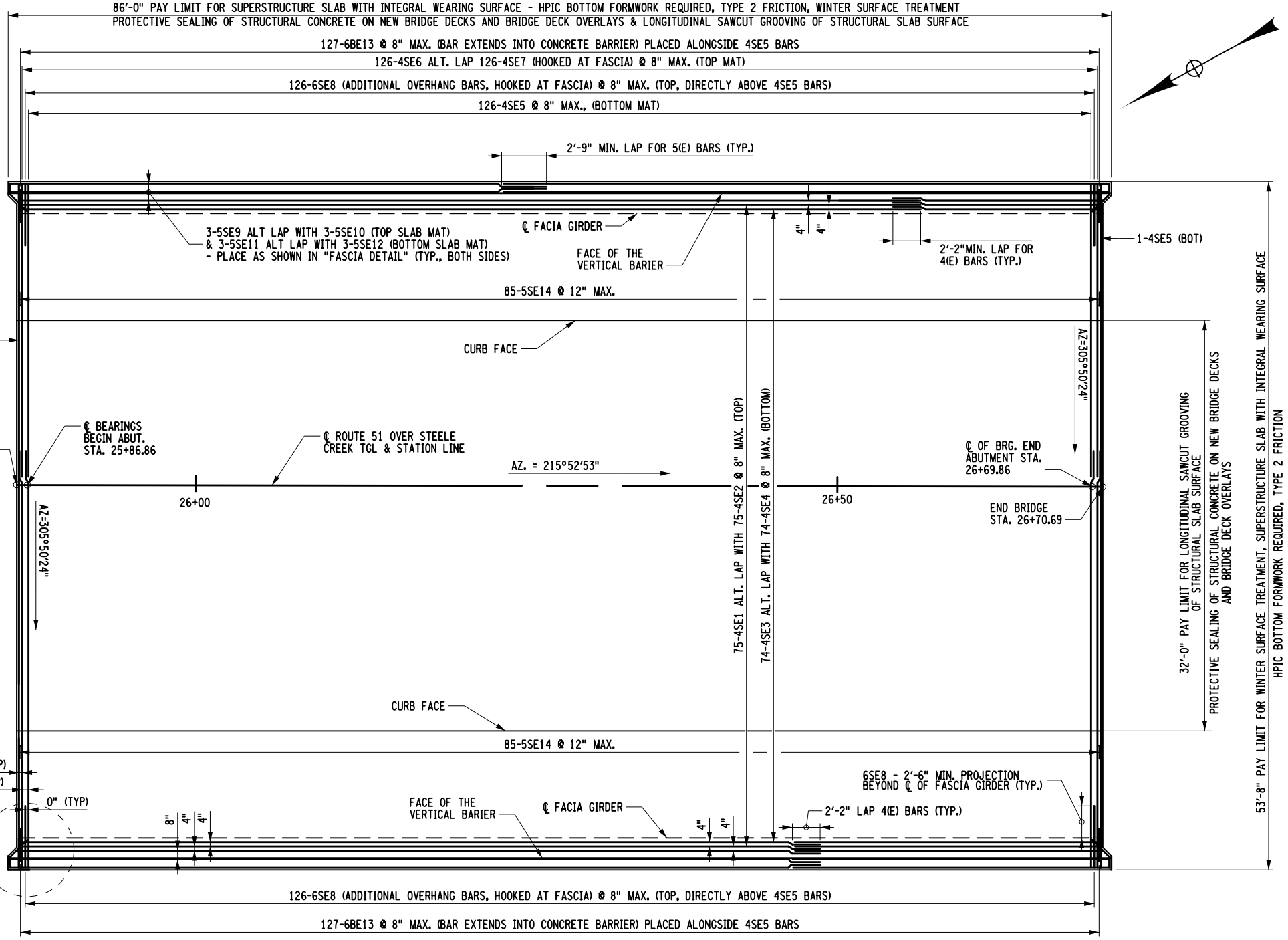
THE CONTRACTOR SHALL OPERATE FINISHING MACHINE(S) AS CLOSE TO THE SKEW ANGLE AS PRACTICABLE FOR SKEW ANGLES BETWEEN 0° AND 35°. WHEN THE SKEW ANGLE IS GREATER THAN 35°, THE FINISHING MACHINE(S) SHALL BE OPERATED AT A MAXIMUM SKEW ANGLE OF 35°.

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.

IF THE CONTRACTOR'S DECK PLACEMENT OPERATION IS STOPPED PRIOR TO COMPLETION, WHETHER BY THE CONTRACTOR'S DECISION OR BY DIRECTION OF THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A FINISHED DECK GRADE WHICH MATCHES THE PLANNED PROFILE. ANY SUBSEQUENT REVISIONS TO DECK FORMS MADE NECESSARY BY SUCH ACTION SHALL BE AT NO COST TO THE STATE.



**DETAIL A
CORNER DETAIL**



SLAB REINFORCEMENT PLAN

NOTES:
 (E) DENOTED EPOXY BARS
 FOR SUPERSTRUCTURE SLAB END DETAIL AT THE INTEGRAL ABUTMENTS, SEE DWG. No. ST-16.
 LIMITS OF LONGITUDINAL SAWCUT GROOVING ARE FROM CURB TO CURB AND END TO END OF THE SUPERSTRUCTURE SLAB.
 ALL REINFORCEMENT SHALL HAVE 2" COVER UNLESS OTHERWISE NOTED.

SUPERSTRUCTURE SLAB TABLE			
SUPERSTRUCTURE SLAB (SY) WITH INTEGRAL WEARING SURFACE - HPIC BOTTOM FORMWORK REQUIRED - TYPE 2 FRICTION ITEM 557.4102	PROTECTIVE SEALING OF NEW DECKS (SF) ITEM 559.01	LONGITUDINAL SAWCUT GROOVING (SY) ITEM 558.02	WINTER SURFACE - SUPERSTRUCTURE SLABS (SY) ITEM 557.29
505	2710	301	505

AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021

ALTERED BY:
 ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED SUPERSTRUCTURE SLAB DETAILS ROUTE 51 OVER STEELE CREEK	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST					DRAWING NO. ST-23
	VILLAGE OF ILION					SHEET NO. 82
COUNTY: HERKIMER	REGION: 02					

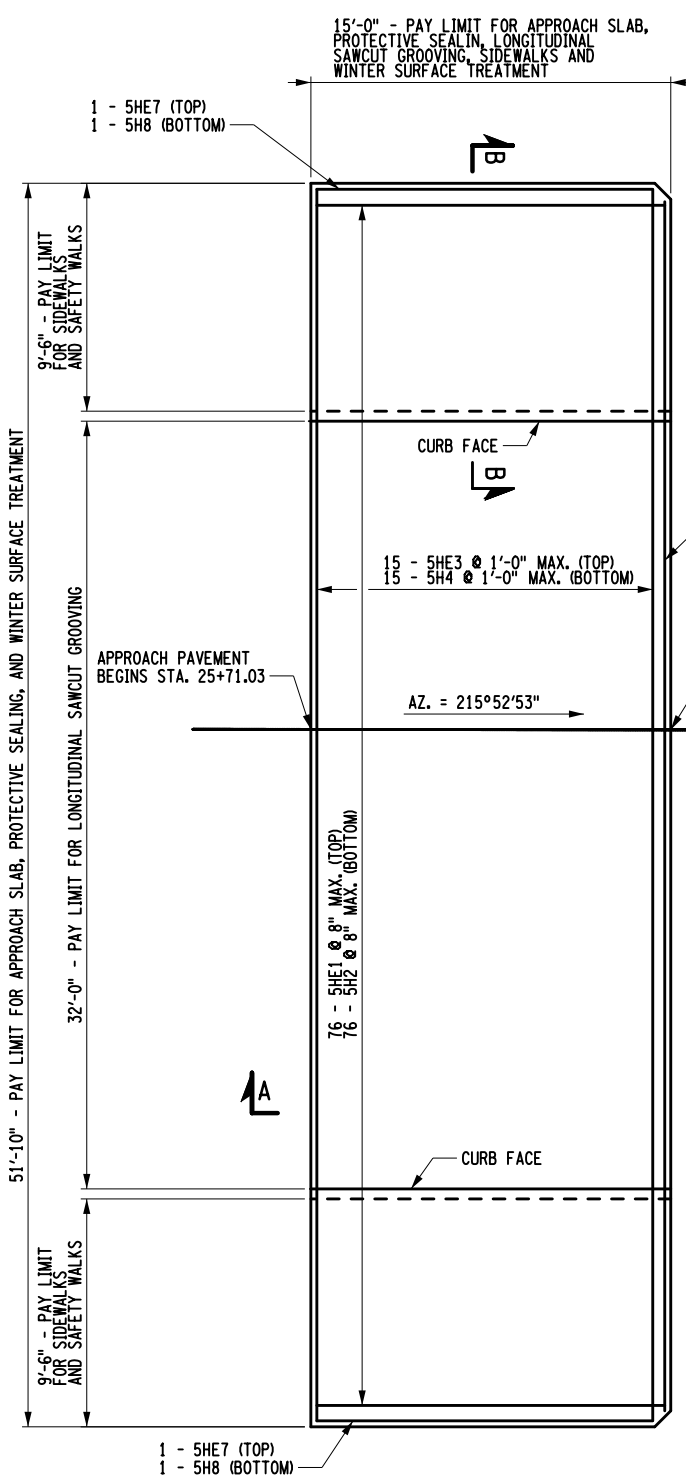
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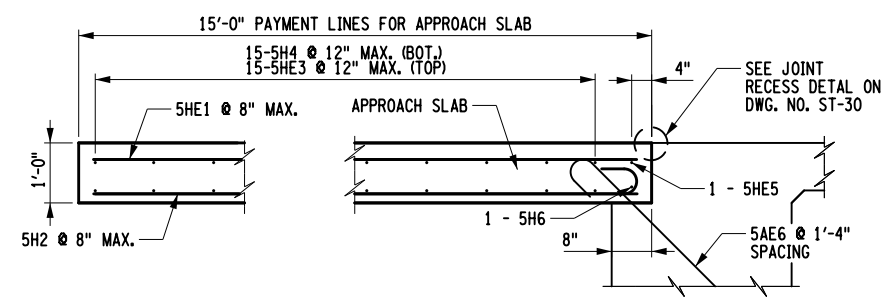
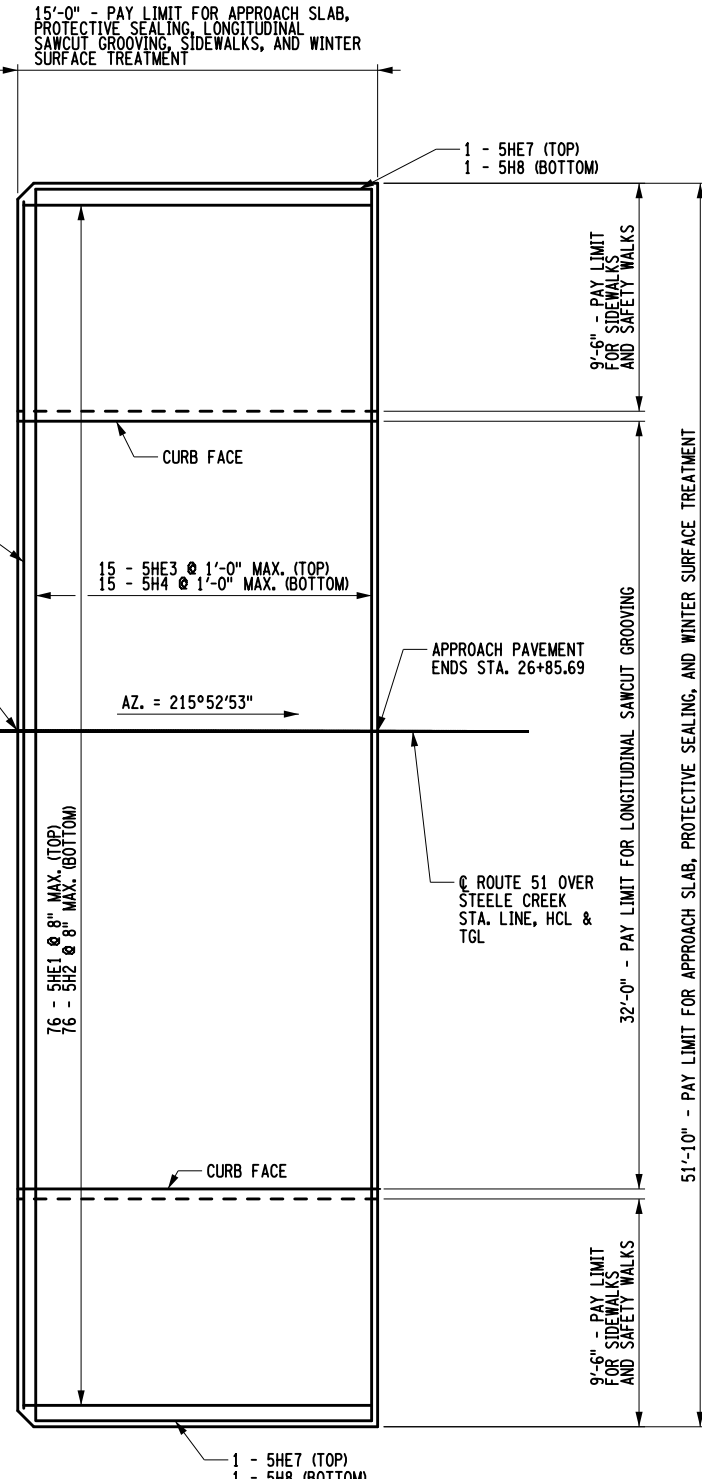


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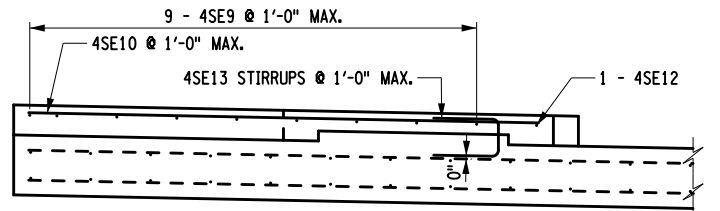
DESIGN SUPERVISOR C. DODGE
 DESIGN D. LULEY
 CHECK A. CHIRICOSTA
 DRAFTING D. LULEY
 CHECK A. CHIRICOSTA
 PROJECT MANAGER J. TIBBITTS



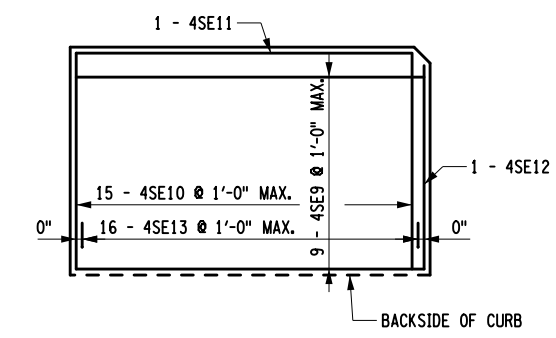
APPROACH SLAB PLAN
 SCALE 1/8"=1'



SECTION A-A
 SCALE 3/16"=1'



SECTION B-B
 SCALE 3/16"=1'



SIDEWALK PLAN VIEW
 (NORTH EAST QUAD - SIMILAR ALL QUADS)

NOTE:
 ALL REINFORCEMENT SHALL HAVE 3" COVER UNLESS OTHERWISE NOTED.
 (E) DENOTED EPOXY COATED BARS. DETAILS ON THE DRAWINGS LABELED
 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.

APPROACH SLAB TABLE				
LOCATION	APPROACH SLAB (SY) ITEM 557.2002 AND WINTER SURFACE TREATMENT (SY) ITEM 557.29	LONGITUDINAL SAWCUT GROOVING ITEM 558.02 (SY)	PROTECTIVE SEALING OF NEW DECKS (SF) ITEM 559.01	PROTECTIVE SEALING OF STRUCTURAL CONCRETE (SF) ITEM 559.02
BEGINNING APPROACH SLAB	86	53	480	284
END APPROACH SLAB	86	53	480	284

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

AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021
 ALTERED BY:
 ON:



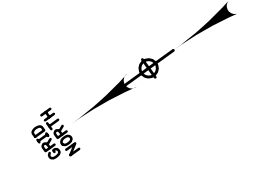
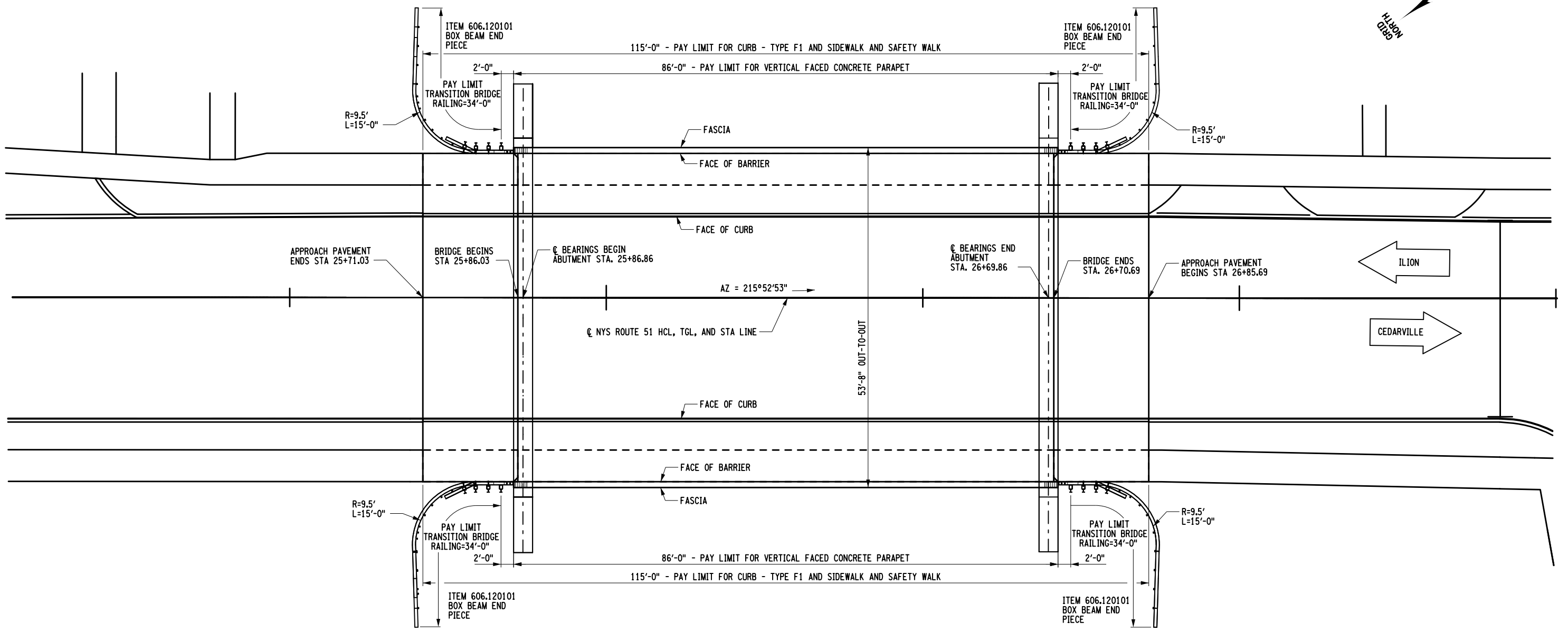
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST					
	VILLAGE OF ILION					
	COUNTY: HERKIMER REGION: 02					
APPROACH SLAB DETAILS					DRAWING NO. ST-24 SHEET NO. 83	
ROUTE 51 OVER STEELE CREEK						

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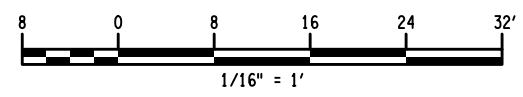
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BARRIER LAYOUT

QUANTITY TABLE		
ITEM	ITEM NO.	QUANTITY
SIDEWALK & SAFETY WALK	557.30	266 SY
CONCRETE PARAPET	569.03	172 LF
TRANSITION BRIDGE RAIL	568.70	136 LF
CURB - TYPE F1	609.0302	230 LF
BOX BEAM END PIECE	606.120101	4 EA

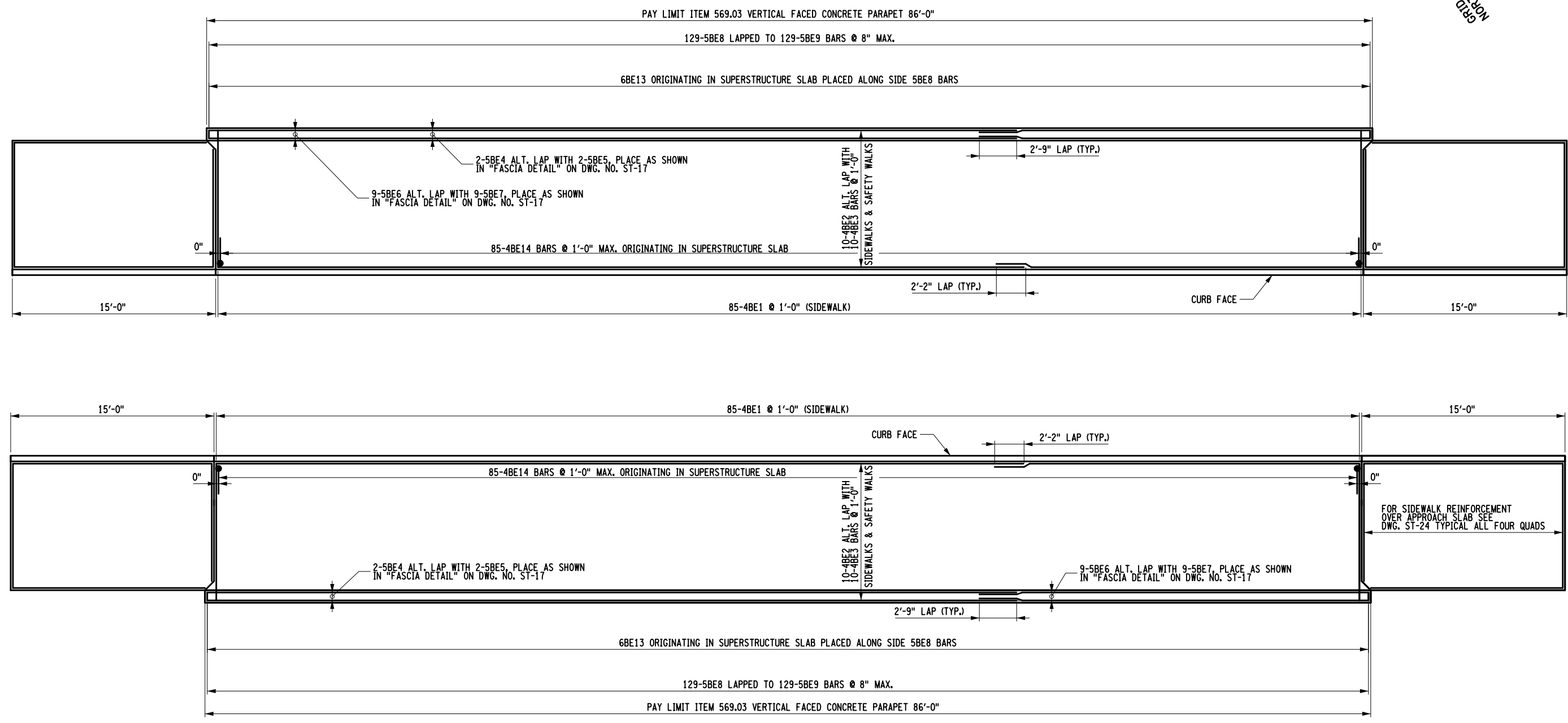
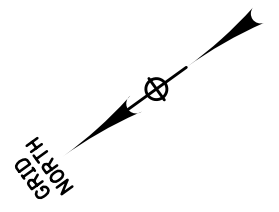
AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021
 ALTERED BY:
 ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51				BARRIER LAYOUT PLAN
	VILLAGE OF ILION					ROUTE 51 OVER STEELE CREEK
	COUNTY: HERKIMER	REGION: 02				

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.





NOTE:
SEE FASCIA DETAIL ON DWG. NO. ST-17 FOR REINFORCEMENT COVER

BARRIER REINFORCEMENT PLAN

AFFIX SEAL: Daniel P. Luley
ON: 10/21/2021

ALTERED BY:
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST					BARRIER REINFORCEMENT PLAN
	VILLAGE OF ILION					
COUNTY: HERKIMER	REGION: 02	ROUTE 51 OVER STEELE CREEK			SHEET NO. 85	

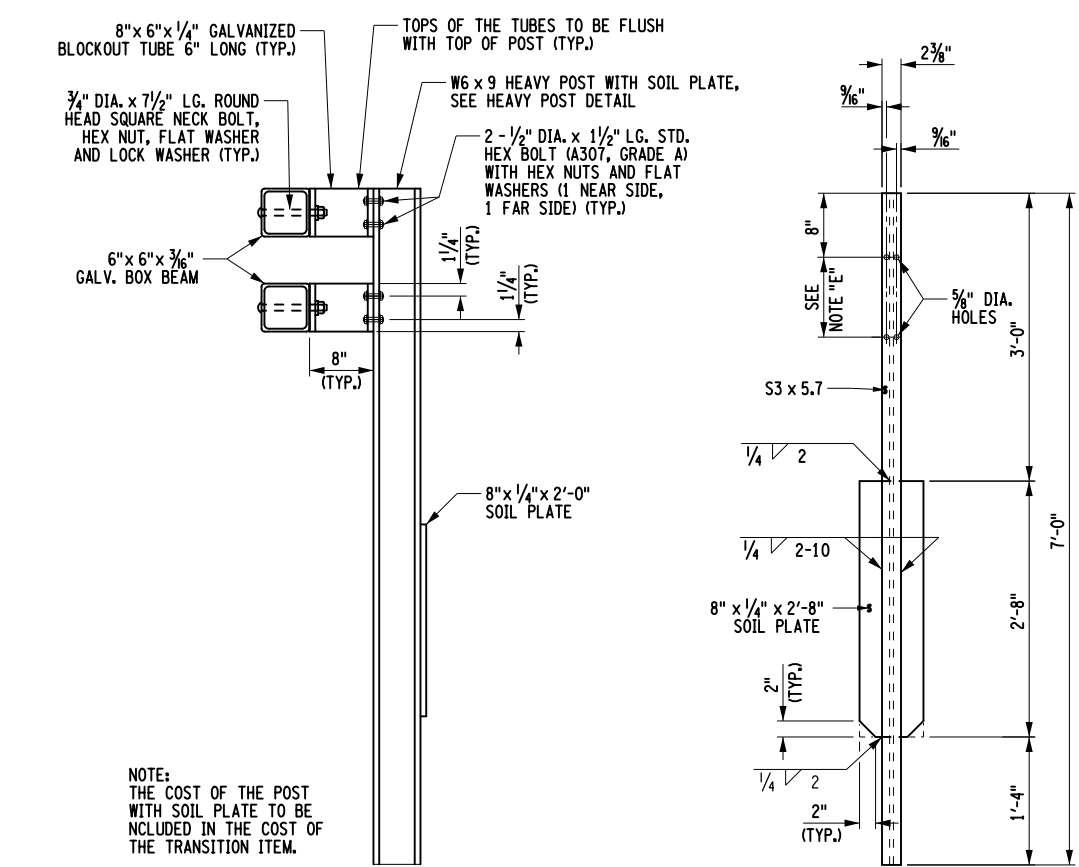
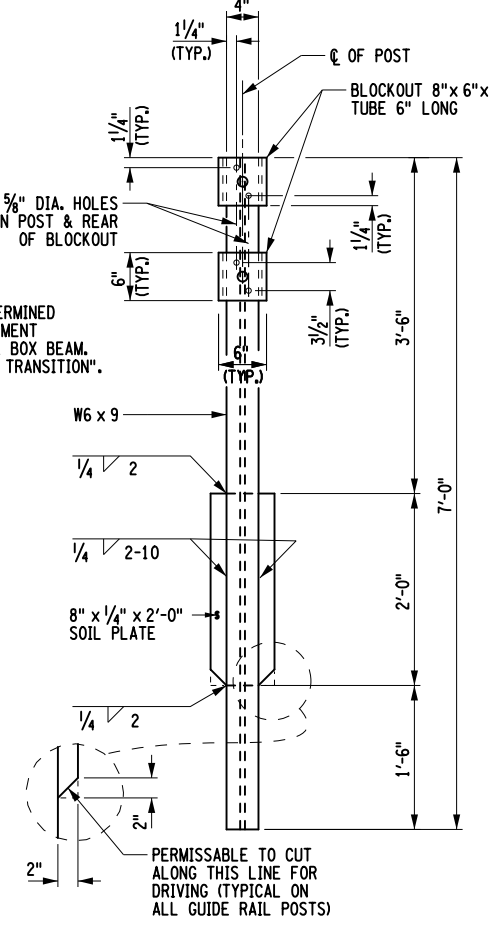
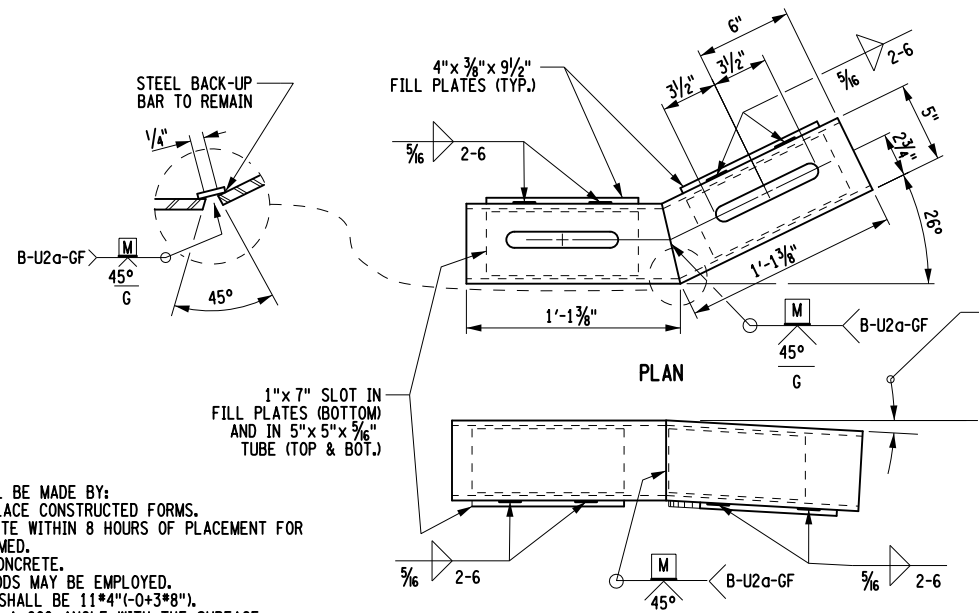
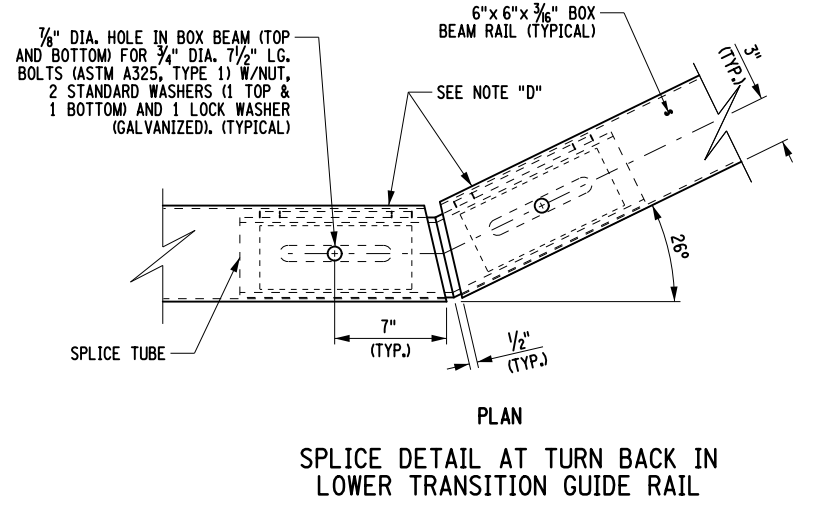
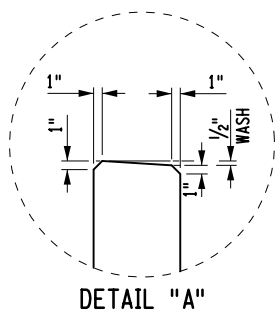
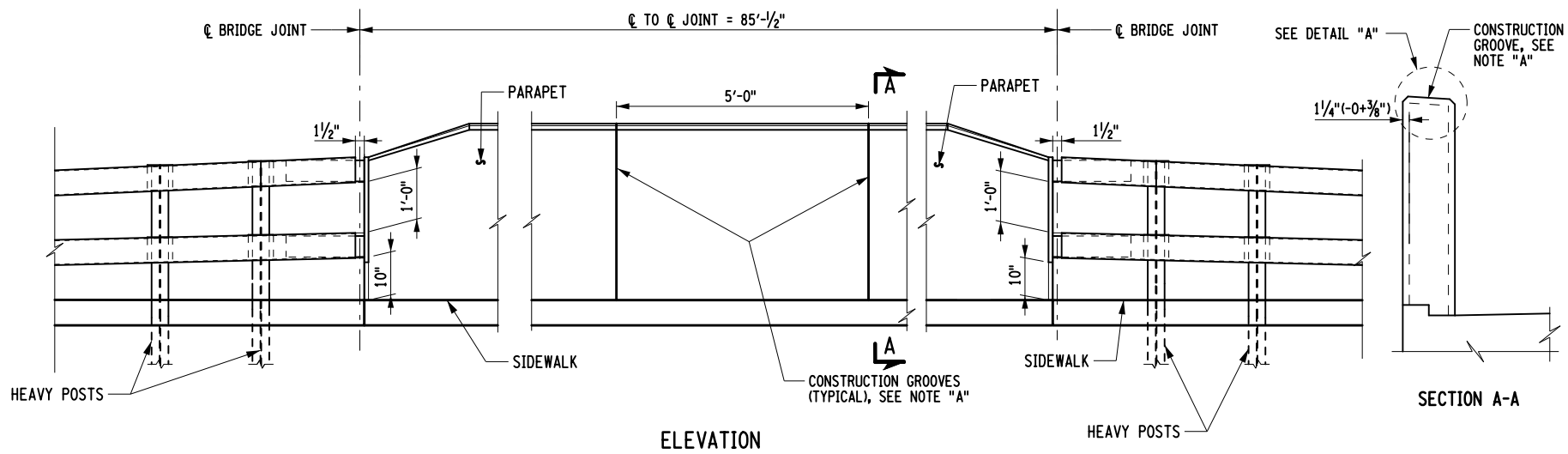
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FILE NAME = 200412_cpb_brrr1.dgn
DATE/TIME = 20-OCT-2021 15:16
USER = dluley

JOB MANAGER J. TIBBITTS
PROJECT MANAGER J. TIBBITTS
CHECK A. CHIRICOSTA
DRAFTING D. LULEY
DESIGN D. LULEY
DESIGN D. LULEY
CHECK A. CHIRICOSTA
DRAFTING D. LULEY
PROJECT MANAGER J. TIBBITTS
JOB MANAGER J. TIBBITTS
DESIGN SUPERVISOR C. DODGE

PROJECT MANAGER J. TIBBITTS
 CHECK A. CHIRICOSTA
 DRAFTING D. LULEY
 DESIGN D. LULEY
 JOB MANAGER J. TIBBITTS
 DESIGN SUPERVISOR C. DODGE



NOTES:
 NOTE "A":
 CONSTRUCTION GROOVES SHALL BE MADE BY:
 1. FORMING FOR CAST-IN-PLACE CONSTRUCTED FORMS.
 2. SAWING THE SET CONCRETE WITHIN 8 HOURS OF PLACEMENT FOR CAST-IN-PLACE SLIP FORMED.
 3. CUTTING THE PLASTIC CONCRETE.
 COMBINATION OF THESE METHODS MAY BE EMPLOYED.
 THE DEPTH OF THE GROOVES SHALL BE 1 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 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.

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.

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

AFFIX SEAL: Daniel P. Luley
 On: 10/21/2021
 ALTERED BY:
 On:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			BARRIER DETAILS	DRAWING NO. ST-27
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	SHEET NO. 86
	COUNTY: HERKIMER	REGION: 02				

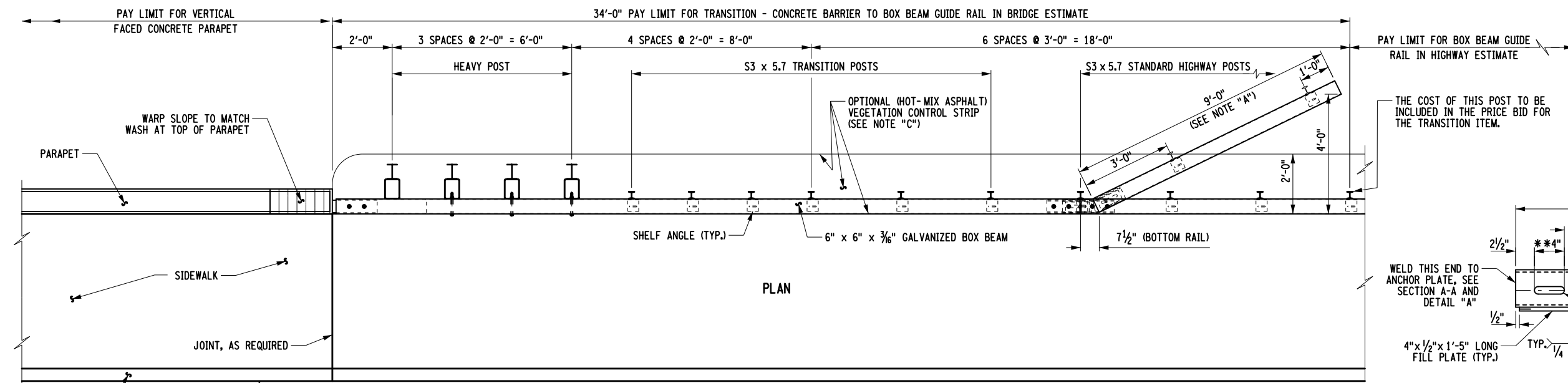
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



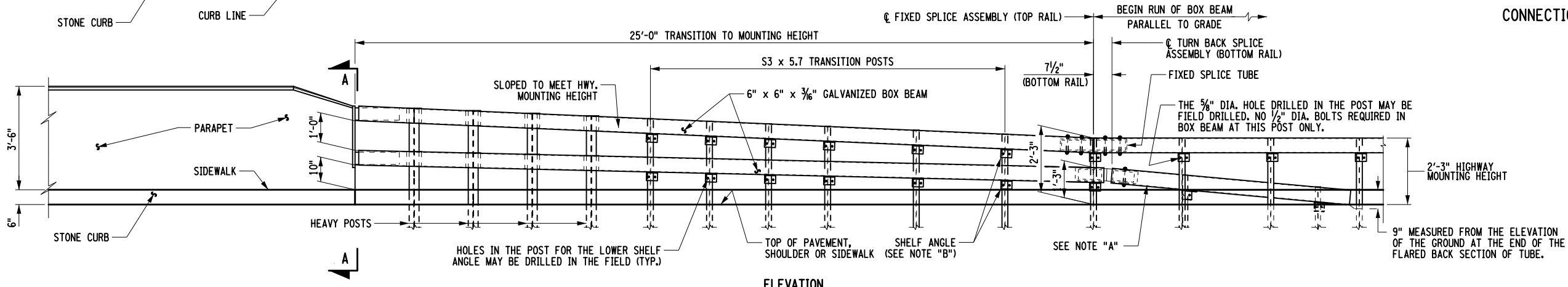
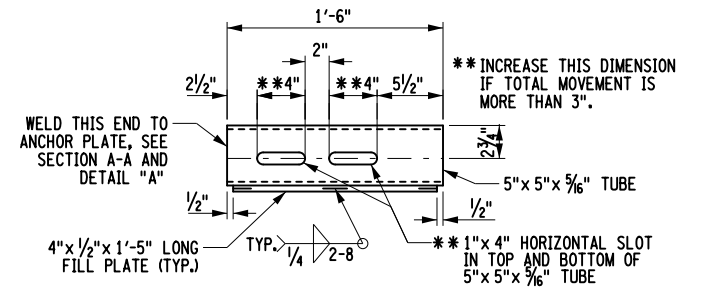
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 USER = dluley

PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE

FILE NAME = 200412_cpb_dfl_brr2.dgn
 DATE/TIME = 18-OCT-2021 09:35
 USER = dluley



THE COST OF THIS POST TO BE INCLUDED IN THE PRICE BID FOR THE TRANSITION ITEM.

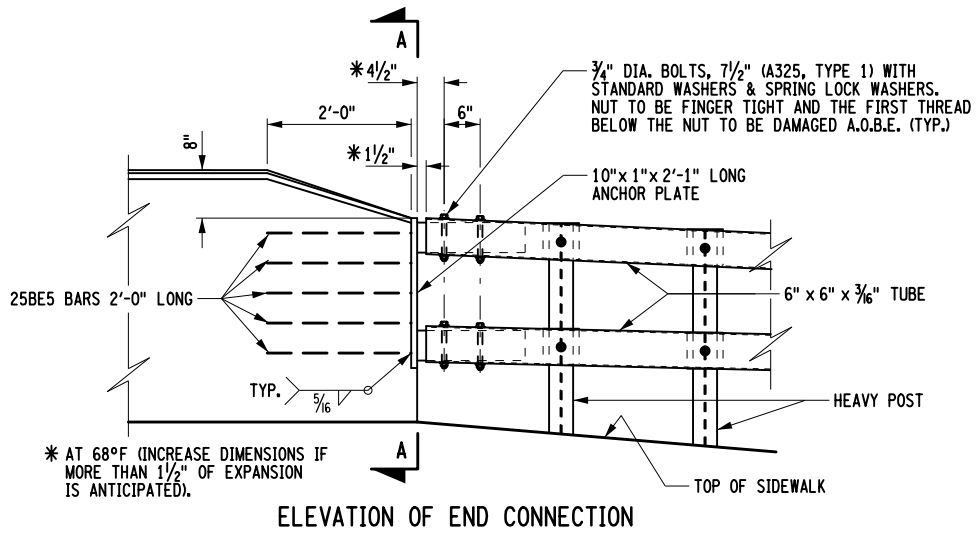
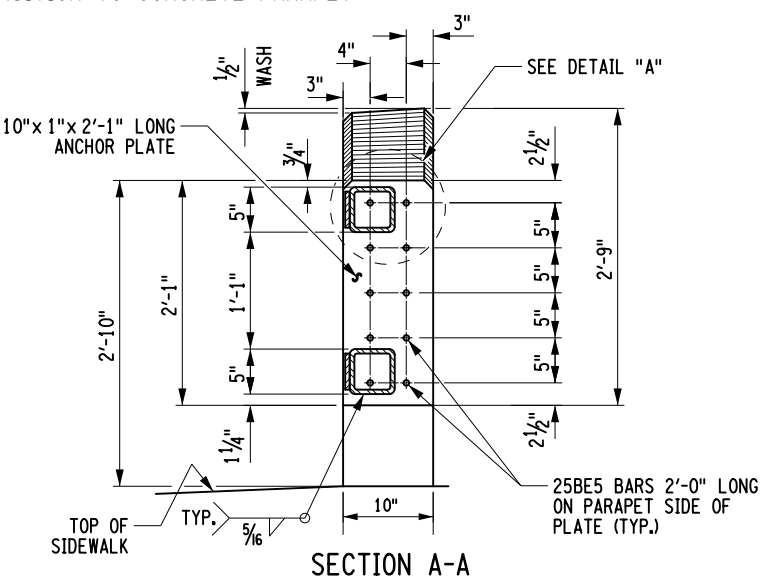
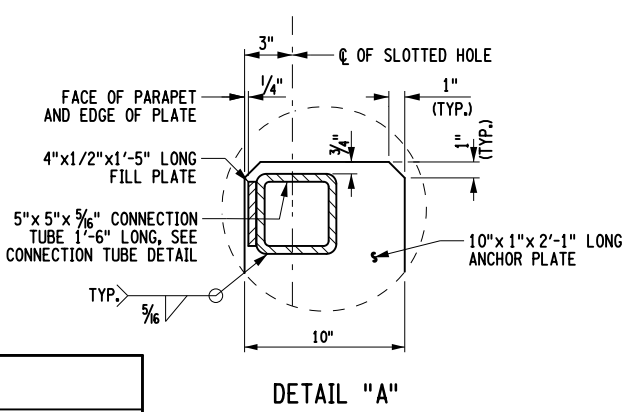


NOTES:

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

NOTE "B": SEE TYPICAL RAIL TO POST CONNECTION DETAIL ON CURRENT HIGHWAY STANDARD SHEET TITLED "BOX BEAM GUIDE RAIL".

NOTE "C": PAVE THE OPTIONAL (HOT-MIX ASPHALT) VEGETATION CONTROL STRIP WITH THE SAME MATERIAL AS IN THE STABILIZED SHOULDER. PAYMENT WILL BE MADE UNDER STABILIZED SHOULDER ITEM.



AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021

ALTERED BY:
 ON:

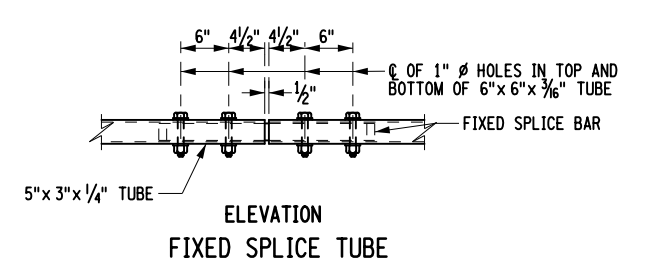
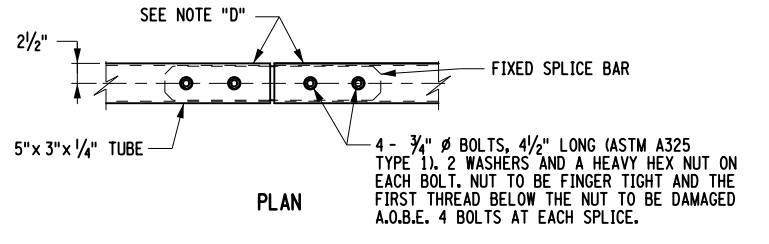
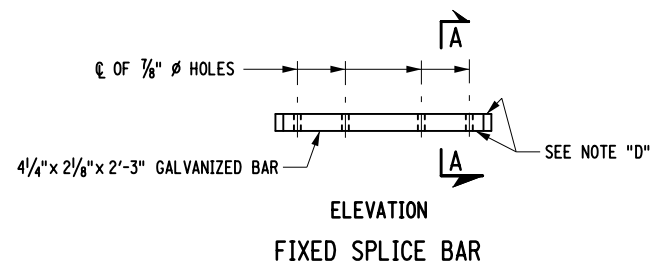
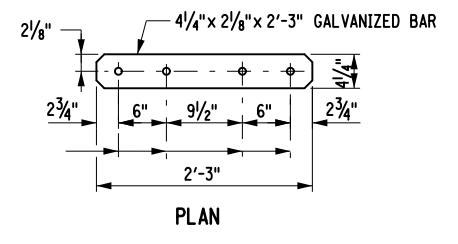
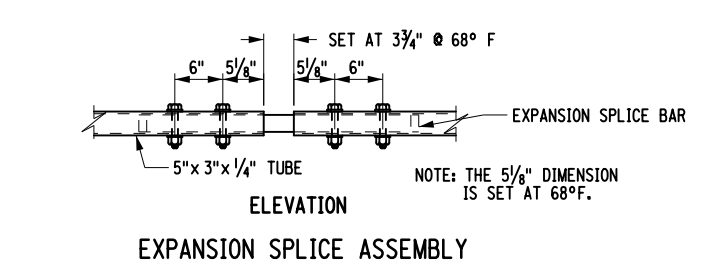
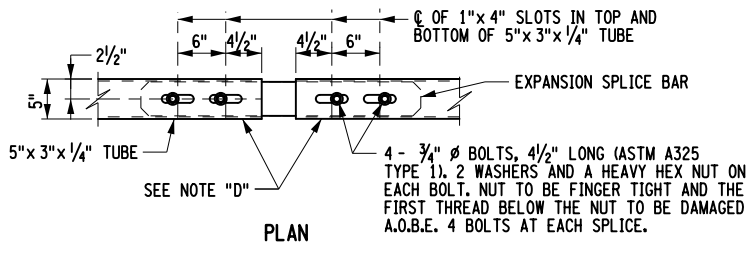
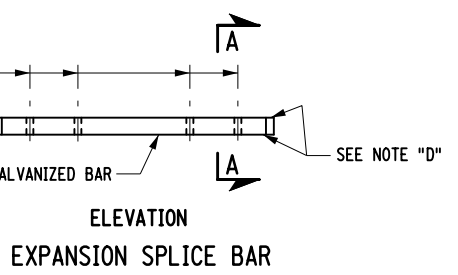
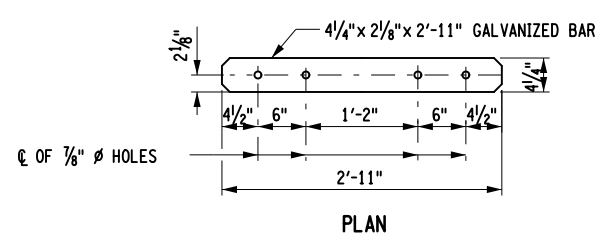
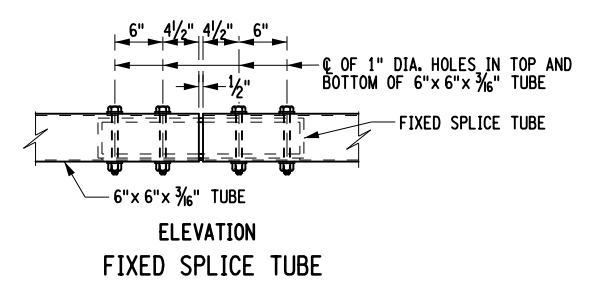
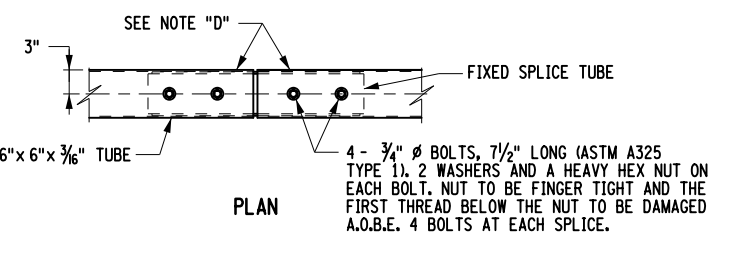
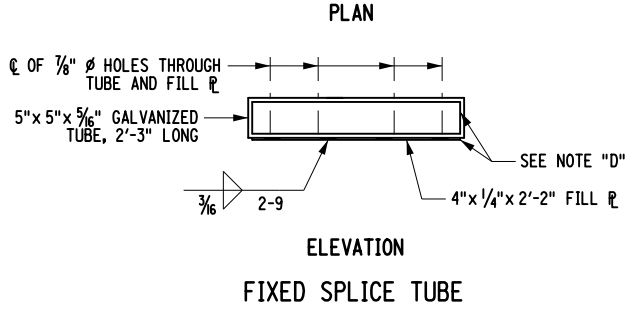
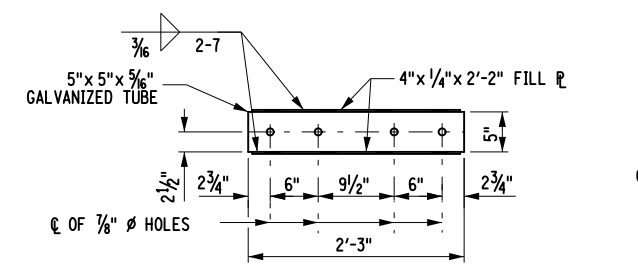
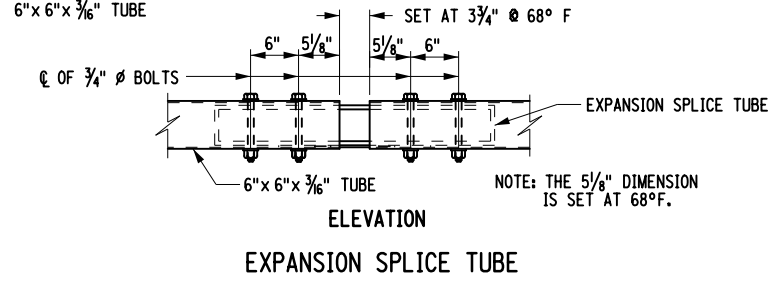
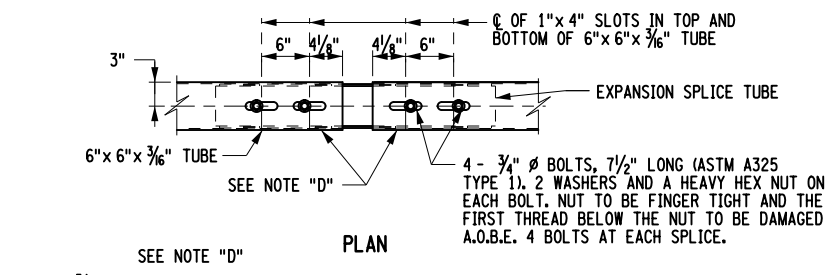
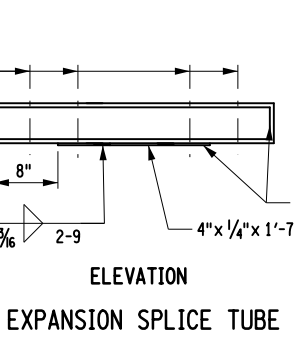
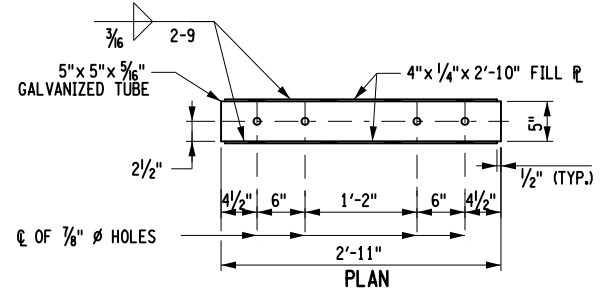


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12 ROUTE 51	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST				TRANSITION RAILING DETAILS	
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	
COUNTY: HERKIMER	REGION: 02					

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PROJECT MANAGER: J. TIBBITTS
 CHECK: A. CHIRICOSTA
 DRAFTING: D. LULEY
 CHECK: A. CHIRICOSTA
 DESIGN: D. LULEY
 JOB MANAGER: J. TIBBITTS
 DESIGN SUPERVISOR: C. DODGE



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

AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021
 ALTERED BY:
 ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			SPLICE DETAILS ROUTE 51 OVER STEELE CREEK	DRAWING NO. ST-29
	VILLAGE OF ILION					SHEET NO. 88
	COUNTY: HERKIMER	REGION: 02				

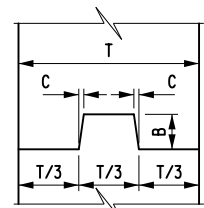
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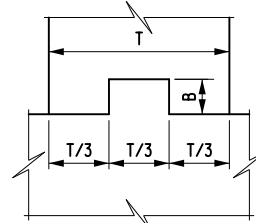
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 USER = dluley

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

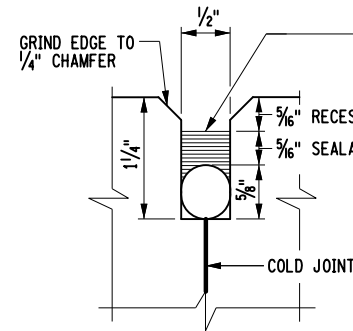
EXPANSION JOINTS		
C	B	T/3
3/8"	3 1/2"	0 TO 10"
3/4"	5 1/2"	10" AND OVER



NOTE:
WATERSTOP NOT SHOWN.
VERTICAL

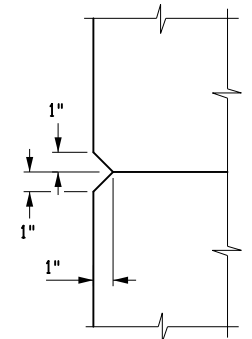


NOTE:
WATERSTOP NOT SHOWN.
HORIZONTAL



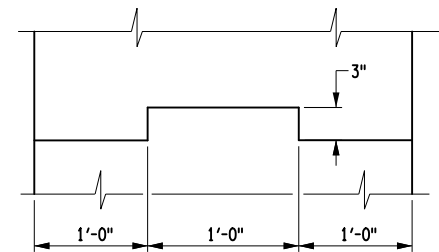
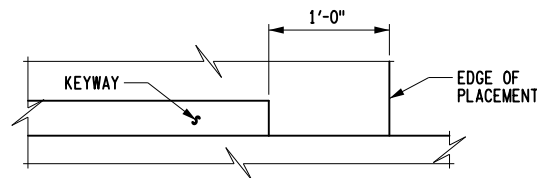
JOINT RECESS DETAIL
NOT TO SCALE

FILL THE RECESS WITH A STRUCTURAL JOINT SEALANT, SILICONE SEALANT, FROM THE DEPARTMENT'S APPROVED LIST FOR ITEM 567.51--16. IF THE RECESS IS SAW CUT, WATER BLAST IMMEDIATELY FOLLOWING CUTTING TO REMOVE ANY RESIDUAL SLURRY BEFORE IT DRIES. CLEAN THE VERTICAL FACES OF THE RECESS BY ABRASIVE BLAST, AND AIR BLOW THE RESIDUE FROM THE RECESS. PRIME THE VERTICAL FACES WITH THE MANUFACTURER'S RECOMMENDED PRIMER, AND ALLOW TO DRY. PLACE A 5/8" DIA. SOFT CLOSED CELL BACKER ROD IN THE BOTTOM OF THE RECESS. POUR THE SILICONE SEALANT TO A DEPTH OF APPROX. 5/16". PAYMENT TO BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB.



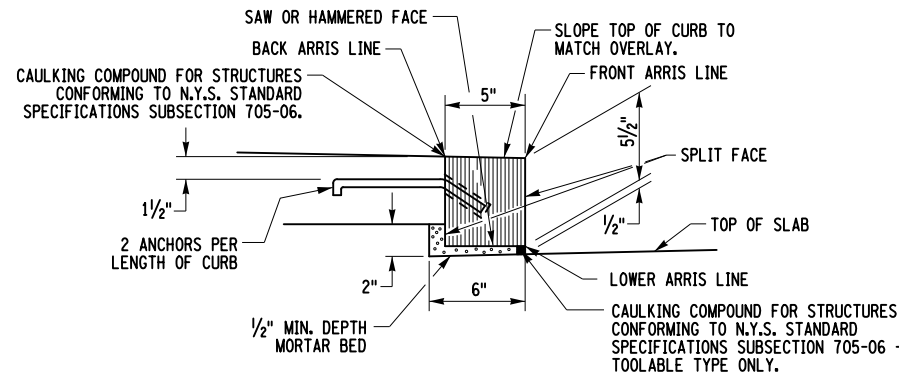
CHAMFER DETAIL

KEYWAY DETAILS
NOT TO SCALE



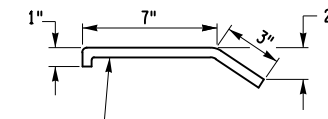
NOTE:
REINFORCEMENT NOT SHOWN FOR CLARITY. KEYWAY TO STOP 1'-0" FROM BEARING PAD OR CONSTRUCTION JOINT.

KEYWAY DETAIL
NOT TO SCALE



SECTION OF GRANITE BRIDGE CURB - TYPE F1
NOT TO SCALE

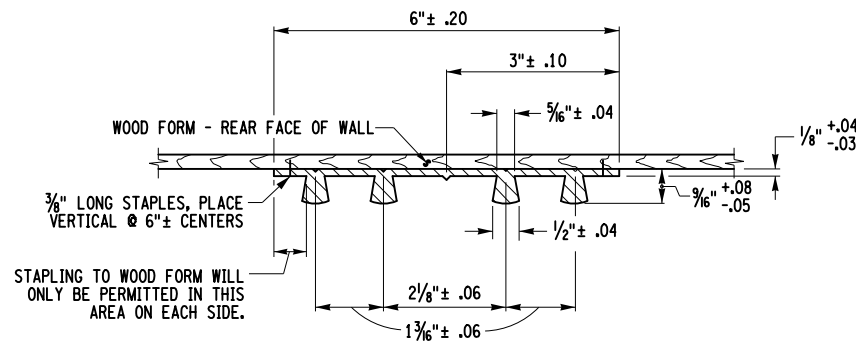
NOTE:
ALL MORTAR SHALL CONFORM TO N.Y.S. STANDARD SPECIFICATIONS SUBSECTION 705-21.



DETAIL OF ANCHOR BAR
NOT TO SCALE

NOTE:

CURB ANCHORS SHALL BE INSERTED INTO HOLES DRILLED IN THE REAR FACE OF THE STONE CURB. THE HOLES SHALL BE THOROUGHLY CLEANED AND FILLED WITH CONCRETE GROUTING MATERIAL CONFORMING TO N.Y.S. STANDARD SPECIFICATIONS SUBSECTION 709-07 AND GALVANIZED IN ACCORDANCE WITH SUBSECTION 719-01. 40 KSI STEEL MAY BE USED IN LIEU OF 60 KSI OR 75 KSI STEEL. PAY FOR UNDER APPROPRIATE CURB PAID FOR UNDER ITEM.



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.

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

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

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

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

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

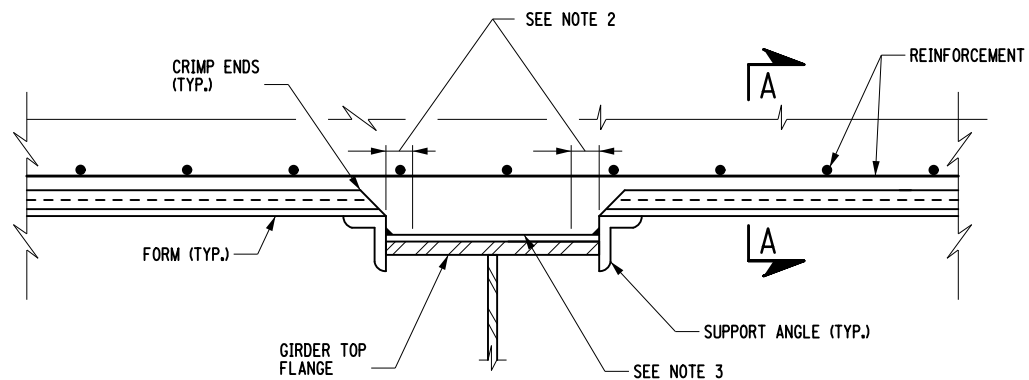
AFFIX SEAL: Daniel P. Luley
ON: 10/21/2021

ALTERED BY:
ON:

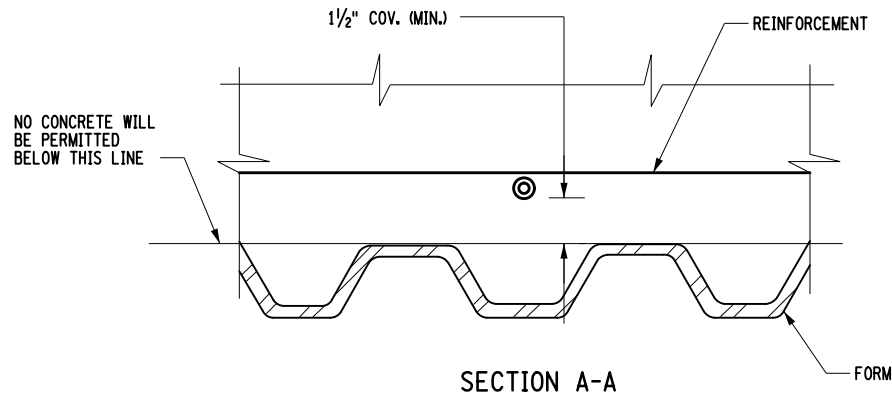


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51	1026490		MISCELLANEOUS DETAILS (1 OF 2)	D264647
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	DRAWING NO. ST-30
	COUNTY: HERKIMER	REGION: 02				SHEET NO. 89

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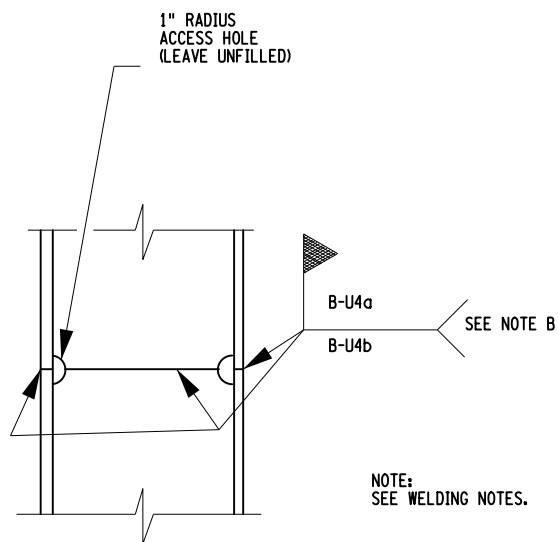
PERMANENT CORRUGATED METAL FORM DETAIL
NOT TO SCALE



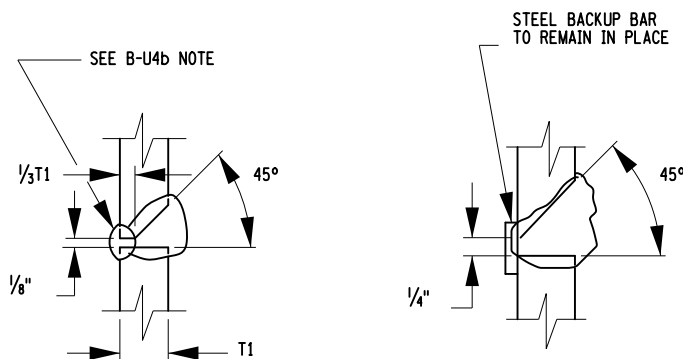
SECTION A-A

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 ITEM.
2. WELDING NOT PERMITTED WITHIN METALIZED AREAS OF THE TOP FLANGE.
3. CONTINUOUS METAL STRAP WELDED TO SUPPORT ANGLES SHOWN. SEPARATE METAL STRAPS MAY BE WELDED TO NON-METALIZED AREAS OF THE TOP FLANGE WITHIN THE COMPRESSION ZONE OF THE GIRDERS TOP FLANGE ONLY. WELDING SHALL CONFORM TO SECTION 7 OF THE N.Y.S. STEEL CONSTRUCTION MANUAL. (3/16" DIA. E7018 OR E8018-C3 ELECTRODES, PROPERLY CONDITIONED, SHALL BE USED.)
4. THE SUPPORT ANGLES AND/OR ZEES SHALL BE GALVANIZED IN ACCORDANCE WITH MATERIAL SPECIFICATION 719-01.



NOTE:
SEE WELDING NOTES.



JOINT B-U4b

JOINT B-U4a

SPLICE FOR STEEL H-PILE
NOT TO SCALE

NOTES:

A "WELDING PROCEDURE SPECIFICATION" (WPS) APPROVED BY THE D.C.E.S. IS REQUIRED.

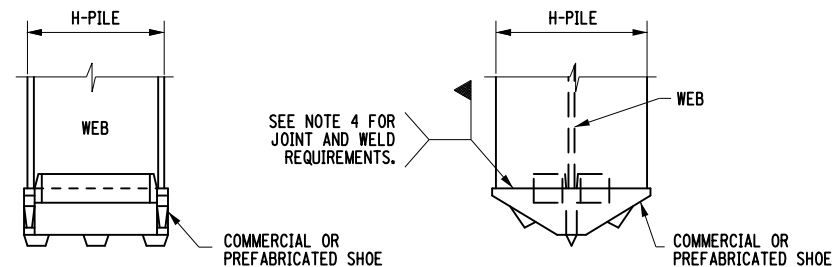
ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER IN CONFORMANCE WITH REQUIREMENTS FOR WELDING SPECIFIED IN THE N.Y.S. STEEL CONSTRUCTION MANUAL.

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.

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



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

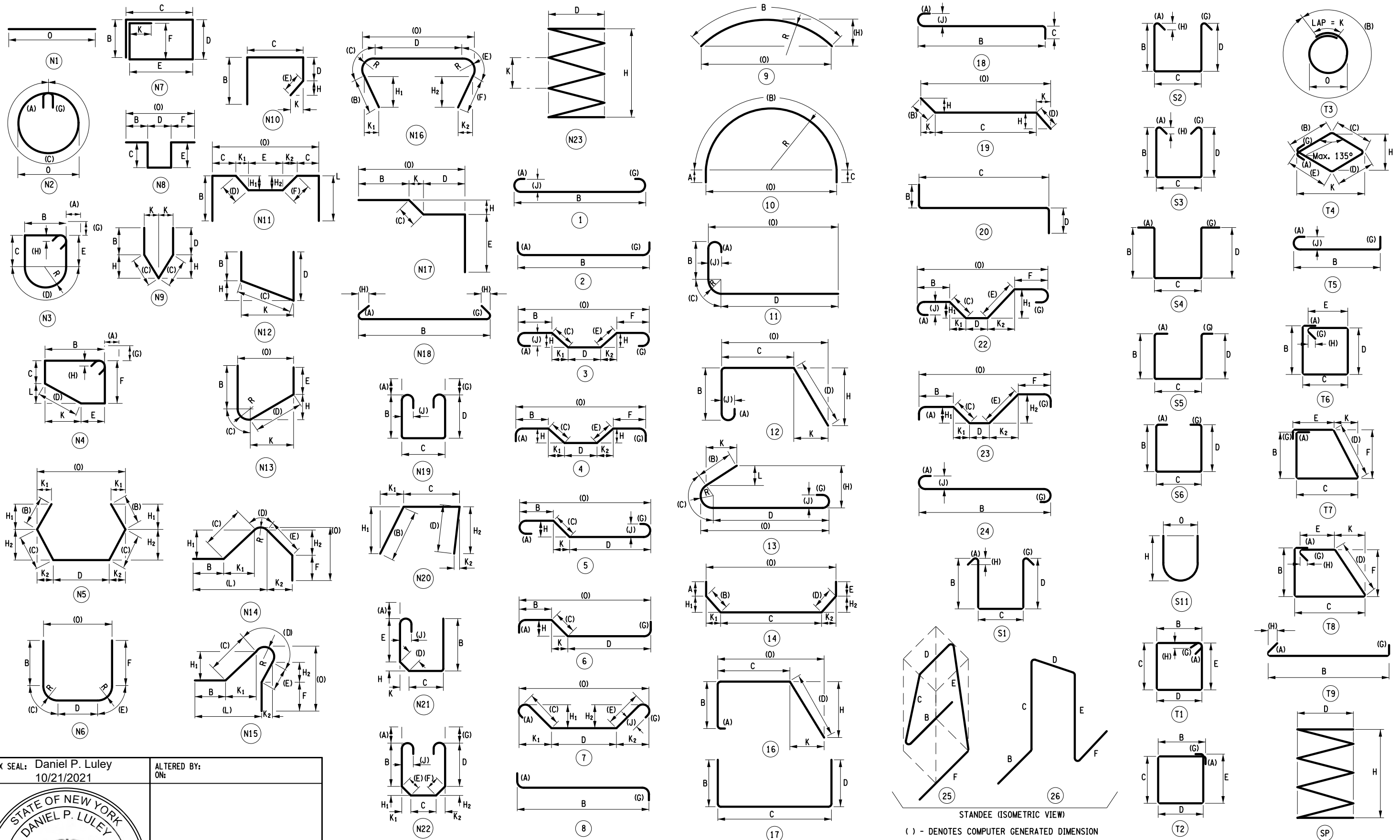
AFFIX SEAL: Daniel P. Luley
ON: 10/21/2021

ALTERED BY:
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			MISCELLANEOUS DETAILS (2 OF 2)	DRAWING NO. ST-31
	VILLAGE OF ILION				ROUTE 51 OVER STEELE CREEK	SHEET NO. 90
	COUNTY: HERKIMER	REGION: 02				

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



AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021

ALTERED BY:
 ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 51 OVER STEELE CREEK	PIN 2004.12	BRIDGES 1026490	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D264647
	S.H. 5513 - ILION VILLAGE-OTSEGO ST	ROUTE 51			BAR BENDING DIAGRAM ROUTE 51 OVER STEELE CREEK	DRAWING NO. ST-32
	VILLAGE OF ILION					SHEET NO. 91
	COUNTY: HERKIMER	REGION: 02				

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



FILE NAME = 200412_cpb_rbl_bar.dgn
 DATE/TIME = 20-OCT-2021 10:22
 USER = BLEO

PROJECT MANAGER J. TIBBITTS
 CHECK A. CHIRICOSTA
 DRAFTING D. LULEY
 CHECK A. CHIRICOSTA
 DESIGN D. LULEY
 JOB MANAGER J. TIBBITTS
 DESIGN SUPERVISOR C. DODGE

MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H/H1	H2	J	K/K1	K2	L	O	R
SUPERSTRUCTURE SLAB																			
4SE1	76	60-0	N1	3046														60-0	
4SE2	76	26-6	N1	1345														26-6	
4SE3	76	60-0	N1	3046														60-0	
4SE4	76	26-6	N1	1345														26-6	
4SE5	128	53-4	N1	4560														53-4	
4SE6	126	30-6	1	2566	0-0	30-0						0-6		0-4 1/4					
4SE7	126	26-0	1	2188	0-6	25-6						0-0		0-4 1/4					
6SE8	250	5-6	1	2061	0-7 3/4	4-10						0-0		0-6					
5SE9	6	60-0	N1	375														60-0	
		AVG.																AVG.	
5SE10	3	27-10	N1	87														27-10	
5SE10	0	VARIES FROM			28-5	TO	27-3 1/4		(3 SETS OF 1)										
5SE11	6	60-0	N1	375														60-0	
		AVG.																AVG.	
5SE12	3	27-10	N1	87														27-10	
5SE12	0	VARIES FROM			28-5	TO	27-3 1/4		(3 SETS OF 1)										
6BE13	254	4-9	23	1823	0-0	0-0	1-0	1-9 1/4	2-0	0-0	0-0	0-8 3/4	1-5		0-8 1/4	1-5		3-10 1/2	
5SE14	172	2-9	17	497		1-0	0-9 1/4	1-0											
4SE15	8	2-11	19	16		0-0	2-1	0-10 1/2				0-0	0-0		0-0	0-10 1/2		2-11 1/4	
SUBTOTAL EPOXY BARS 23419 LB THIS POUR																			
BEGIN ABUTMENT REINFORCEMENT																			
5AE1	108	5-4	17	601		1-5	2-6	1-5											
6AE2	4	60-0	N1	360														60-0	
6AE3	4	17-10	N1	107														17-10	
5AE4	4	60-0	N1	250														60-0	
5AE5	4	16-5	N1	68														16-5	
5AE6	40	2-4	1	96	0-0	2-3 3/4					0-0			0-0					
5AE7	79	20-4	11	1678	0-7	2-4 3/4	0-4 3/4	17-0						0-5				17-3	0-3
5AE8	122	13-1	17	1665		1-5	2-8	1-5											
		AVG.				AVG.		AVG.											
8AE9	17	15-9	17	716		6-6 1/2	2-8	6-6 1/2											
8AE9	B	VARIES FROM			5-2 1/2	TO	7-10 3/4		(1 SET OF 17)										
8AE9	D	VARIES FROM			5-2 1/2	TO	7-10 3/4		(1 SET OF 17)										
		AVG.				AVG.		AVG.											
8AE10	16	16-10	17	719		7-1	2-8	7-1											
8AE10	B	VARIES FROM			5-8 1/2	TO	8-5 1/4		(1 SET OF 16)										
8AE10	D	VARIES FROM			5-8 1/2	TO	8-5 1/4		(1 SET OF 16)										
8AE11	3	14-11	17	119		6-1 1/4	2-8	6-1 1/4											
8AE12	2	14-10	17	79		6-7	2-8	5-7											
8AE13	3	12-9	17	102		6-1 3/4	2-8	3-11 1/4											
8AE14	2	12-12	17	69		6-3 1/2	2-8	4-0 1/4											
8AE15	1	13-3	17	35		6-4 3/4	2-8	4-2 1/4											
8AE16	3	13-5	17	108		6-5 3/4	2-8	4-3 1/2											
8AE17	4	13-8	17	146		6-7 1/4	2-8	4-4 3/4											
8AE18	3	13-11	17	111		6-8 3/4	2-8	4-6 1/4											
8AE19	3	14-2	17	113		6-10 1/4	2-8	4-7 3/4											
8AE20	2	14-5	17	77		7-0	2-8	4-9 1/4											

MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H/H1	H2	J	K/K1	K2	L	O	R
8AE21	3	14-4	17	115		6-10 3/4	2-8	4-9 1/4											
		AVG.				AVG.		AVG.											
8AE22	66	15-9	17	2775		6-6 1/2	2-8	6-6 1/2											
8AE22	B	VARIES FROM			5-11 3/4	TO	7-1 1/4		(1 SET OF 66)										
8AE22	D	VARIES FROM			5-11 3/4	TO	7-1 1/4		(1 SET OF 66)										
8AE23	2	11-0	17	59		4-2	2-8	4-2											
8AE24	1	11-3	17	30		4-3 1/4	2-8	4-3 1/4											
8AE25	2	11-8	17	62		4-5 3/4	2-8	4-5 3/4											
8AE26	2	11-10	17	63		4-7	2-8	4-7											
8AE27	2	12-0	17	64		4-8	2-8	4-8											
8AE28	2	12-3	17	65		4-9 1/4	2-8	4-9 1/4											
8AE29	1	12-8	17	34		5-0	2-8	5-0											
8AE30	2	12-10	17	69		5-1	2-8	5-1											
8AE31	1	9-0	17	24		4-3 1/4	2-8	2-0 3/4											
8AE32	2	9-3	17	49		4-4 3/4	2-8	2-2 1/4											
8AE33	2	10-3	17	55		4-10 1/2	2-8	2-8											
8AE34	1	10-6	17	28		5-0	2-8	2-9 1/2											
6AE35	20	11-0	17	331		4-2	2-8	4-2											
6AE36	4	10-2	16	61	0-0	0-0	1-3 3/4	8-10				2-8 1/4						9-8 1/2	
6AE37	4	11-8	16	70	0-0	1-3 3/4	1-3 3/4	9-0 3/4				2-8 3/4						8-5	9-11 1/2
6AE38	12	60-0	N1	1081															60-0
6AE39	10	17-10	N1	268															17-10
6AE40	3	40-0	N1	180															40-0
		AVG.																	AVG.
6AE41	0	VARIES FROM			31-9 1/2	TO	37-10 1/4		(1 SET OF 3)										34-10
6AE42	1	20-0	N1	30															20-0
6AE43	1	40-0	N1	60															40-0
6AE44	1	22-0	N1	33															22-0
6AE45	1	16-2	N1	24															16-2
6AE46	1	16-8	N1	25															16-7 3/4
6AE47	1	27-4	N1	41															27-3 3/4
6AE48	1	15-2	N1	23															15-2 1/4
6AE49	1	19-8	N1	30															19-8 1/4
6AE50	1	10-1	N1	15															10-0 1/2
6AE51	1	10-1	N1	15															10-1 1/4
6AE52	1	10-2	N1	15															10-1 1/2
6AE53	1	10-6	N1	16															10-6
6AE54	1	9-11	N1	15															9-11
6AE55	1	10-2	N1	15															10-1 1/2
6AE56	1	10-3	N1	15															10-2 1/2
6AE57	1	15-5	N1	23															15-5
		AVG.																	AVG.
6AE58	4	4-4	N1	26															4-4
6AE58	0	VARIES FROM			3-3 1/4	TO	5-4 3/4		(1 SET OF 4)										AVG.
		AVG.																	AVG.
6AE59	2	3-6	N1	11															3-6
6AE59	0	VARIES FROM			2-5 1/2	TO	4-6 1/2		(2 SETS OF 1)										
6AE60	1	19-11	N1	30															19-11
6AE61	1	57-11	N1	87															57-10 3/4
6AE62	1	16-3	N1	24															16-2 1/2
6AE63	1	16-8	N1	25															16-7 1/2
6AE64	1	27-4	N1	41															27-4 1/4
6AE65	1	15-2	N1	23															15-2 1/4
6AE66	1	19-8	N1	30															19-8 1/4
6AE67	1	10-3	N1	15															10-2 1/2

AFFIX SEAL: Daniel P. Luley
 ON: 10/21/2021

ALTERED BY:
 ON:

MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H/H1	H2	J	K/K1	K2	L	O	R
6AE68	1	10-4	N1	15														10-3/2	
6AE69	1	10-4	N1	15														10-3/2	
6AE70	1	10-6	N1	16														10-6	
6AE71	1	10-1	N1	15														10-1	
6AE72	1	10-4	N1	15														10-3/2	
6AE73	1	10-3	N1	15														10-2/2	
6AE74	1	15-5	N1	23														15-5	
6AE75	1	40-0	N1	60														40-0	
6AE76	1	31-12	N1	48														31-11/2	
6AE77	1	40-0	N1	60														40-0	
6AE78	1	36-12	N1	56														36-11/2	
		AVG.																AVG.	
6AE79	2	11-5	N1	34														11-4/2	
6AE79	0	VARIES	FROM		11-10	TO	10-11/4	(1	SET OF	2)									
6AE80	8	5-8	N1	68														5-8/4	
6AE81	8	6-0	N1	72														6-0/4	
SUBTOTAL	EPOXY BARS			14083	LB	THIS	POUR												
END ABUTMENT	REINFORCEMENT																		
5AE1	108	5-4	17	601		1-5	2-6	1-5											
6AE2	4	60-0	N1	360														60-0	
6AE3	4	17-10	N1	107														17-10	
5AE4	4	60-0	N1	250														60-0	
5AE5	4	16-5	N1	68														16-5	
5AE6	40	2-4	1	96	0-0	2-3/4					0-0			0-0					
5AE7	79	20-4	11	1678	0-7	2-4/4	0-4/4	17-0						0-5				17-3	0-3
5AE8	122	13-1	17	1665		1-5	2-8	1-5											
		AVG.				AVG.		AVG.											
8AE9	18	15-5	17	739		6-4/4	2-8	6-4/4											
8AE9	B	VARIES	FROM		4-8/4	TO	7-11/4	(1	SET OF	18)									
8AE9	D	VARIES	FROM		4-8/4	TO	7-11/4	(1	SET OF	18)									
		AVG.				AVG.		AVG.											
8AE10	18	16-12	17	815		7-1/4	2-8	7-1/4											
8AE10	B	VARIES	FROM		5-8/2	TO	8-7	(1	SET OF	18)									
8AE10	D	VARIES	FROM		5-8/2	TO	8-7	(1	SET OF	18)									
8AE11	3	14-7	17	117		5-11/4	2-8	5-11/4											
8AE12	3	14-10	17	119		6-7	2-8	5-7											
8AE13	3	14-11	17	119		6-1/4	2-8	6-1/4											
8AE14	2	13-0	17	69		6-3/4	2-8	4-0/4											
8AE15	1	13-3	17	35		6-4/4	2-8	4-2/4											
8AE16	3	13-6	17	108		6-6	2-8	4-3/2											
8AE17	4	13-9	17	147		6-7/2	2-8	4-5											
8AE18	3	13-12	17	112		6-9	2-8	4-6/2											
8AE19	3	14-3	17	114		6-10/2	2-8	4-8											
8AE20	2	14-6	17	77		7-0	2-8	4-9/2											
8AE21	3	14-8	17	117		7-1	2-8	4-10/2											
		AVG.				AVG.		AVG.											
8AE22	68	15-9	17	2860		6-6/2	2-8	6-6/2											
8AE22	B	VARIES	FROM		5-11/4	TO	7-1/4	(1	SET OF	68)									
8AE22	D	VARIES	FROM		5-11/4	TO	7-1/4	(1	SET OF	68)									

MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H/H1	H2	J	K/K1	K2	L	O	R
8AE23	2	11-0	17	59		4-2	2-8	4-2											
8AE24	1	11-3	17	30		4-3/4	2-8	4-3/4											
8AE25	2	11-7	17	62		4-5/2	2-8	4-5/2											
8AE26	2	11-10	17	63		4-6/4	2-8	4-6/4											
8AE27	2	12-0	17	64		4-8	2-8	4-8											
8AE28	2	12-2	17	65		4-9	2-8	4-9											
8AE29	1	12-3	17	33		4-9/2	2-8	4-9/2											
8AE30	2	12-10	17	68		5-0/4	2-8	5-0/4											
8AE31	1	9-0	17	24		4-3/4	2-8	2-0/4											
8AE32	2	9-3	17	49		4-4/4	2-8	2-2/4											
8AE33	2	10-3	17	55		4-10/2	2-8	2-8											
8AE34	1	10-5	17	28		5-0	2-8	2-9											
6AE35	20	11-0	17	331		4-2	2-8	4-2											
6AE36	4	12-4	16	74	0-0	2-0	1-3/4	9-0/4			2-11/4				8-6/4				9-10
6AE37	4	11-12	16	72	0-0	1-8	1-3/4	8-11/4			2-8/2				8-6/4				9-10/2
6AE38	12	60-0	N1	1081															60-0
6AE39	10	17-10	N1	268															17-10
6AE40	3	40-0	N1	180															40-0
		AVG.																	AVG.
6AE41	3	34-1	N1	153															34-0/2
6AE41	0	VARIES	FROM		30-4/4	TO	37-8/4	(1	SET OF	3)									
6AE42	1	58-1	N1	87															58-0/4
6AE43	1	19-9	N1	30															19-9
6AE44	1	21-5	N1	32															21-4/4
6AE45	1	10-4	N1	15															10-3/2
6AE46	1	10-4	N1	15															10-3/2
6AE47	1	10-6	N1	16															10-6
6AE48	1	10-1	N1	15															10-1
6AE49	1	10-4	N1	15															10-3/2
6AE50	1	19-10	N1	30															19-10/4
6AE51	1	10-3	N1	15															10-2/2
6AE52	1	10-4	N1	15															10-3/2
6AE53	1	10-4	N1	15															10-3/2
6AE54	1	10-6	N1	16															10-6
6AE55	1	10-1	N1	15															10-1
6AE56	1	10-4	N1	15															10-3/2
6AE57	1	10-3	N1	15															10-2/2
6AE58	1	15-3	N1	23															15-3
		AVG.																	AVG.
6AE59	2	5-3	N1	16															5-2/2
6AE59	0	VARIES	FROM		4-2	TO	6-3/4	(2	SETS OF	1)									
		AVG.																	AVG.
6AE60	2	3-11	N1	12															3-11/4
6AE60	0	VARIES	FROM		2-7/4	TO	5-2/2	(2	SETS OF	1)									
6AE61	1	15-4	N1	23															15-4/4
6AE62	1	58-1	N1	87															58-0/4
6AE63	1	19-9	N1	30															19-9/4
6AE64	1	21-5	N1	32															21-4/4
6AE65	1	22-6	N1	34															22-5/2
6AE66	1	22-7	N1	34															22-6/2
6AE67	1	10-4	N1	15															10-3/2
6AE68	1	15-3	N1	23															15-3
6AE69	1	10-3	N1	15															10-2/2
6AE70	1	10-4	N1	15															10-3/2
6AE71	1	10-1	N1	15															10-1
6AE72	1	10-6	N1	16															10-6

AFFIX SEAL: Daniel P. Luley
ON: 10/21/2021

ALTERED BY:
ON:

