



REPLACEMENT OF THE SIMMONS ROAD CULVERT OVER THE DIX BROOK		
TOWN OF AUGUSTA, NY		
TOWN OF VERNON, NY		
CIN: N/A		
COUNTY: ONEIDA COUNTY		
FED. ROAD REG. NO.	STATE	SHEET NO.
2	N.Y.	1
CAPITAL PROJECT IDENTIFICATION NO. N/A		

FILE NAME = F:\mj1559\DN.Final Design\MJ1559_cph_rnd.01.dgn
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DESIGN SUPERVISOR B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. WAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

TOPOGRAPHY (DRAINAGE)	
ABBR.	DESCRIPTION
BB	BOTTOM OF BANK (STREAM)
BC	BOTTOM OF CURB
BO	BOTTOM OF OPENING
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
CIP	CAST IRON PIPE
CL STRM	CENTERLINE OF STREAM
CMP	CORRUGATED METAL PIPE
CP	CONCRETE PIPE
CSP	CORRUGATED STEEL PIPE
CULV	CULVERT
DIA	DIAMETER
DMH	DRAINAGE MANHOLE
DS	DRAINAGE STRUCTURE PIPE
D'XING	DITCH CROSSING
EHW	EXTREME HIGH WATER
EL	ELEVATION
ELEV	ELEVATION
ELW	EXTREME LOW WATER
ES	END SECTION
HW	HEADWALL
INV	INVERT
MH	MANHOLE
MHW	MEAN HIGH WATER
OHW	ORDINARY HIGH WATER
OLW	ORDINARY LOW WATER
RCP	REINFORCED CONCRETE PIPE
SICPP	SMOOTH INTERIOR CORRUGATED PE
TB	TOP OF BANK (STREAM)
TC	TOP OF CURB
TG	TOP OF GRATE
VCP	VITRIFIED CLAY PIPE
SUBSURFACE EXPLORATION	
ABBR.	DESCRIPTION
REPLACE ABBREVIATION "AB" WITH:	
AH	HAND AUGER
CP	CONE PENETROMETER
DA	2½" CASED DRILL HOLE
DM	DRILLING MUD
DN	4" CASED DRILL HOLE
FH	HOLLOW FLIGHT AUGER
PA	POWER AUGER
PH	PROBE
PT	PERCOLATION TEST HOLE
RP	1" SAMPLER (RETRACTABLE PLUG) TO BE DEFINED AT THE TIME OF EXPLORATION
SP	SEISMIC POINT
TP	TEST PIT
REPLACE ABBREVIATION "C" IN CATEGORIES: DA, DM, DN AND FH WITH:	
B	BRIDGE
C	CUT
D	DAM
F	FILL
K	CULVERT
W	WALL
X	TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE

TOPOGRAPHY (MISCELLANEOUS)	
ABBR.	DESCRIPTION
ABUT	ABUTMENT
AOBE	AS ORDERED BY ENGINEER
ASPH	ASPHALT
BDY	BOUNDARY
BLDG	BUILDING
BM	BENCH MARK
CC	CENTER TO CENTER
CONC	CONCRETE
CONST	CONSTRUCTION
CR	COUNTY ROAD
D	DEED DISTANCE
DM	DIRECT MEASUREMENT
DWY	DRIVEWAY
EP	EDGE OF PAVEMENT
ES	EDGE OF SHOULDER
FEE	FEE ACQUISITION
FEE WO/A	FEE ACQUISITION WITHOUT ACCESS
FP	FENCE POST
FD	FOUNDATION
FL	FENCE LINE
GAR	GARAGE
GR	GRAVEL
HO	HOUSE
HWY	HIGHWAY
IP	IRON PIN OR IRON PIPE
MB	MAILBOX
MON	MONUMENT
N&W	NAIL AND WASHER
OG	ORIGINAL GROUND
O/H	OVERHEAD
P	PARCEL
PAV'T	PAVEMENT
PE	PERMANENT EASEMENT
PED POLE	PEDESTRIAN POLE
PL	PROPERTY LINE
POR	PORCH
RR	RAILROAD
RTE	ROUTE
ROW	RIGHT OF WAY
RW	RETAINING WALL
SH	STATE HIGHWAY
SHLDR	SHOULDER
SPK	SPIKE
ST	STREET
STK	STAKE
STY	STORY
SW	SIDEWALK
TE	TEMPORARY EASEMENT
TO	TEMPORARY OCCUPANCY
U/G	UNDERGROUND
WW	WING WALL

STANDARD SYMBOL	EQUIVALENT NOMENCLATURE: (SPECS/PROPOSAL)
"	INCHES
'	LINEAR FEET
mi	MILES
ft²	SQUARE FEET
YD²	SQUARE YARD
AC	ACRES
YD³	CUBIC YARD
GAL	GALLON
lb	POUND
TON	TON

ALIGNMENT	
ABBR.	DESCRIPTION
AH	AHEAD
AZ	AZIMUTH
BK	BACK
BL	BASELINE
BRG	BEARING
CL	CENTERLINE
CS	CURVE TO SPIRAL
e	SUPERELEVATION RATE (CROSS SLOPE)
EQ	EQUALITY
EXT	EXTERNAL
HCL	HORIZONTAL CONTROL LINE
HSD	HEADLIGHT SIGHT DISTANCE
L	LENGTH OF CIRCULAR CURVE
LS	LENGTH OF SPIRAL
LVC	LENGTH OF VERTICAL CURVE
E	CENTER CORRECTION OF VERTICAL CURVE
M	MAIN LINE
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
POL	POINT ON LINE
PSD	PASSING SIGHT DISTANCE
PT	POINT OF TANGENT
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
R	RADIUS
SC	SPIRAL TO CURVE
SSD	STOPPING SIGHT DISTANCE
ST	SPIRAL TO TANGENT
STA	STATION
T	TANGENT LENGTH
TGL	THEORETICAL GRADE LINE
TS	TANGENT TO SPIRAL
VC	VERTICAL CURVE
UTILITIES	
ABBR.	DESCRIPTION
E	ELECTRIC
EMH	ELECTRIC MANHOLE
G	GAS
GP	GUY POLE
GSB	GAS SERVICE BOX (HOUSE LINE)
GV	GAS VALVE (MAIN LINE)
HYD	HYDRANT
LP	LIGHT POLE
LPG	LOW PRESSURE GAS
PP	POWER POLE
SA	SANITARY SEWER
SMH	SANITARY MANHOLE
ST	STORM SEWER
T	TELEPHONE
TCB	TRAFFIC CONTROL BOX
TELEBOX	TELEPHONE BOX
TEL P	TELEPHONE POLE
TMH	TELEPHONE MANHOLE
CTV	CABLE TELEVISION
W	WATER
WSB	WATER SERVICE BOX (HOUSE LINE)
WV	WATER VALVE (MAIN LINE)

DRAWING INDEX		
SHEET	DESCRIPTION	DWG. NO.
1	COVER SHEET	-
2	INDEX & ABBREVIATIONS	IND-01
3-4	LEGEND	LEG-01 TO LEG-02
5	TYPICAL SECTIONS	TYP-01
6	GENERAL NOTES	GNN-01
7	WORK ZONE TRAFFIC CONTROL NOTES	WZTN-01
8	WORK ZONE TRAFFIC CONTROL DETOUR PLAN	WZTC-01
9-10	SURVEY PROJECT CONTROL - BASELINE TIES AND BENCHMARKS	BLT-01 TO BLT-02
11	MAINTENANCE JURISDICTION PLAN AND TABLE	MJP-01
12	MISCELLANEOUS TABLES	MST-01
13	EROSION AND SEDIMENT CONTROL TABLES	ECD-01
14	EROSION AND SEDIMENT CONTROL DETAILS AND NOTES	ECT-01
15-17	GRADING, EROSION AND SEDIMENT CONTROL PLANS	ECP-01 TO ECP-03
18-20	GENERAL PLAN	GNP-01 TO GNP-03
21	PROFILE	PRO-01
22	CULVERT GENERAL PLAN AND ELEVATION	CUL-01
23	TYPICAL BRIDGE AND APPROACH SECTIONS	CUL-02
24	STREAM PROFILE	CUL-03
25	GENERAL STRUCTURAL NOTES	CUL-04
26-27	SUBSURFACE BORING LOGS	CUL-05 TO CUL-06
28	REMOVAL PLAN AND ELEVATION	CUL-07
29	EXCAVATION AND EMBANKMENT PLAN	CUL-08
30	EXCAVATION SECTIONS	CUL-09
31	WINGWALL DETAILS	CUL-10
32	CLOSURE POUR DETAILS	CUL-11
33	MISCELLANEOUS DETAILS	CUL-12
34-36	RAILING DETAILS	CUL-13 TO CUL-15
37	BAR BENDING DIAGRAM	CUL-16
38	BAR LIST	CUL-17

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY				INDEX AND ABBREVIATIONS	DRAWING NO. IND-01 SHEET NO. 2
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA					
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.						

NOTES

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

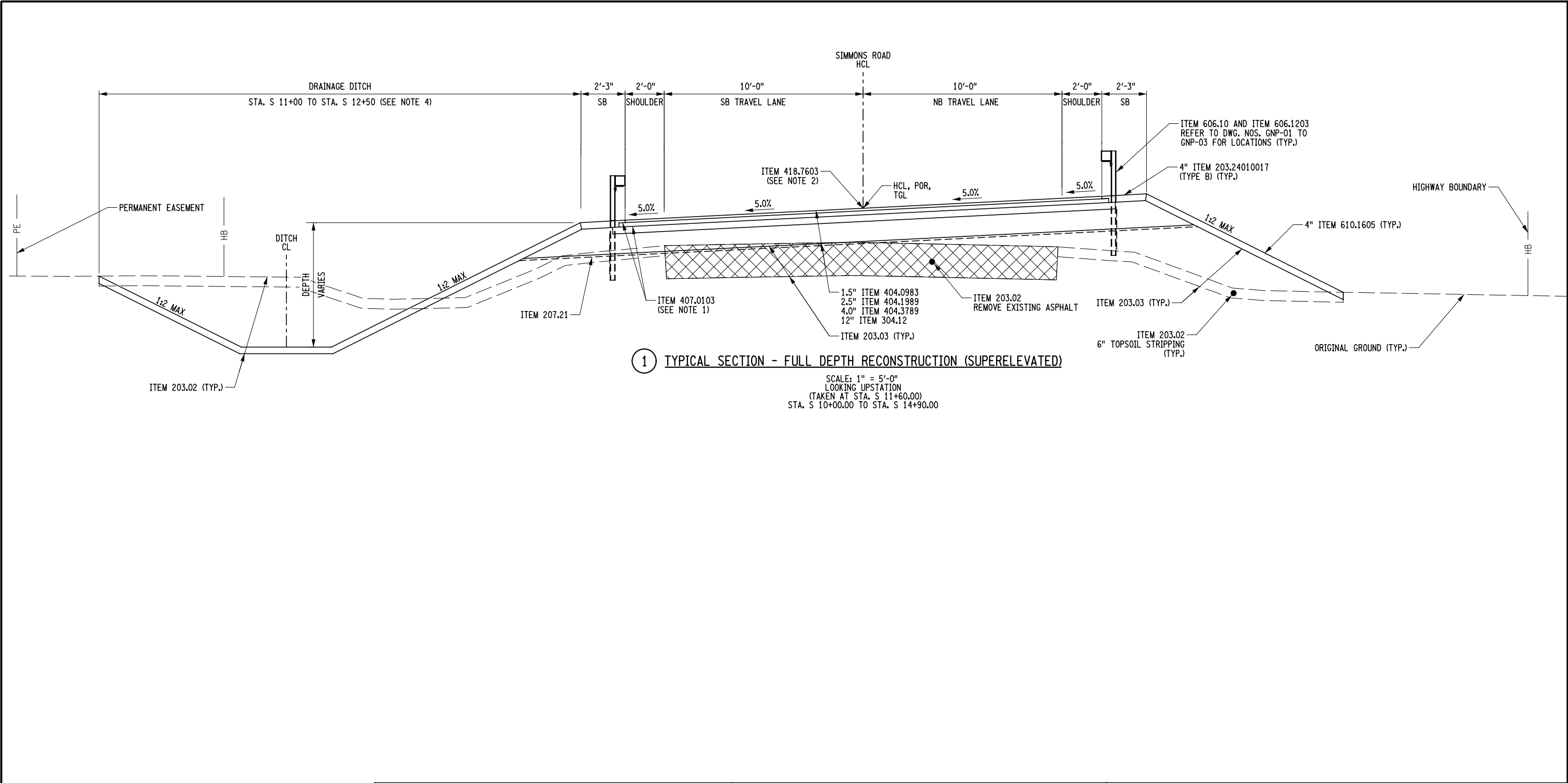
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ALIGNMENT			DRAINAGE			ITS			SIGNS			ROW MAPPING			UTILITIES					
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION			
	ACC	CENTER OF CURVATURE		DINV	INVERT		IANT P	ANTENNAS		S	SINGLE POST		MDL1P	DEED LINE, TYPE 1		UEB	ELECTRIC, BOX			
	ACOGO	COGO		DS	STRUCTURE, RECTANGULAR		IASCTS	ACCOU. SPEED/COUNT SNSR.S		S.P	SINGLE POST, PROPOSED		MDL2P	DEED LINE, TYPE 2		UEM	ELECTRIC, METER			
	ACS	CURVE TO SPIRAL		DSI	STRUCTURE, INVERT		ICABPAD	CABINET & PAD		SB.P	BACK TO BACK, PROPOSED		MDL3P	DEED LINE, TYPE 3		UEMH	ELECTRIC, MANHOLE			
	ADPL.P	DETOUR, POINT OF INTERSECT.		DSM	STRUCTURE, MANHOLE		ICCTV	CCTV SITE		SDEL	DELINEATORS		MDL4P	DEED LINE, TYPE 4		UEPT	ELECTRIC, POLE, TRANS.			
	ADPL.P	DETOUR, POINT ON LINE			ICDPD	CDPD TRANSCEIVER		SPM	PARKING METER		MDL5P	DEED LINE, TYPE 5		UGM	GAS, METER					
	AEQN	EQUATION			ICELLT	CELL PHONE TOWER		SRM	REFERENCE MARKERS		MEEP	EASEMENT, EXISTING		UGMH	GAS, MANHOLE					
	AEQNAHD	EQUATION AHEAD		DSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96		ICJB	CONDUIT JACK OR BORING		SRSC3	SHLD, CTY, 123 DIG.		MEPP.P	EASEMENT, PERM., BACK LINE		UGLM	GAS, LINE MARKER			
	AEQNBK	EQUATION BACK		DSR	STRUCTURE, ROUND		ICNTLCAB	CONTROLLER CABINET		SRSC4	SHLD, CTY, 4 DIG.		MEPS.P	EASEMENT, PERM., SHAPE		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		SRSCT2	SHLD, CTY TOUR, 1-2 DIG.		MFAP.P	FEE ACQUISITION, APPROX.		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		SRSCT4	SHLD, CTY TOUR, 3-4 DIG.		MFBAP	HIGHWAY BNDRY., APPROX.		UGVT	GAS, VENT			
	APCC	POINT OF COMPOUND CURVATURE					ICTU	CONDUIT TURNING UP		SRSI	SHLD, INTERSTATE		MHBCP	HISTORICAL, BLDG. CORNERS		ULP	LIGHTING, POLE			
	API	POINT OF INTERSECTION	ENVIRONMENTAL				IEZR	E-ZPASS READER		SRSN2	SHLD, NATIONAL, 2 DIG.		MHBP	HIGHWAY BNDRY, PT.		ULPM	LIGHTING, POLE, MEDIAN			
	APOB	POINT OF BEGINNING					IEZTR	TRANSMITTAL READER		SRSN3	SHLD, NATIONAL, 3 DIG.		MJCP	PT., JURIS. CITY		MPBC	PT., BUILDING CORNER		ULPP	LIGHTING, POLE, PED.
	APOC	POINT OF CURVATURE		EIOP.P	STR., INLET, OUTLET PROT.		IFOXCAB	FIBER OPTIC X-CONNECT CABINET		SRSS2	SHLD, STATE, 2 DIG.		MPCC	PT., CROSS CUT		UMFC	MISC. FILLER CAP			
	APOE	POINT OF END		EIPGB.P	STR., INLET PROT., GRAVEL BAG		IFUSSPL	FUSION SPLICE		SRSS3	SHLD, STATE, 3 DIG.		MPDH	PT., DRILL HOLE		UOLM	OIL, LINE MARKER			
	APOL	POINT ON LINE		EIPHS.P	STR., INLET PROT., HAY/STRAW		IHARADV	HAR ADVISORY SIGN		SRSS4	SHLD, STATE, 4 DIG.		MPF	PT., FENCE LOCATION		UP	POLE, WITH UTILITY			
	APOS	POINT ON SPIRAL		EIPHS.P	STR., INLET PROT., HAY/STRAW		IHARST	HAR SITE	TRAFFIC CONTROL				MPIP	PT., IRON PIPE		UPD	POLE, DEAD (NO UTILITY)			
	APOT	POINT ON TANGENT		EIPP.P	STR., INLET PROT., PREFAB.		ILC	LOAD CENTER					MPM	PT., MONUMENT		MPIR	PT., IRON ROD		UPL	POLE, WITH LIGHT
	APOVC	POINT ON VERTICAL CURVE		EIPSF.P	STR., INLET PROT., SILT FENCE		IMECSPL	MECHANICAL SPLICE		TCBJ	BOX, JUNCTION		MPMM	PT., MONUMENT, MISC.		USMH	SANITARY SEWER MANHOLE			
	APOVT	POINT ON VERTICAL TANGENT		ERCB	RISER, CONCRETE BOX		IMSCS	PORT. SPEED & COUNT SENSOR		TCBP	BOX, PULL BOX		MPN	PT., NAIL		UTB	TELEPHONE, BOOTH			
	APORC	POINT ON REVERSE CURVE		ETRS.P	TRAP, SEDIMENT		IMSCTS	MICRO SPEED & COUNT SENSOR		TCBS	BOX, SPLICE		MPRS	PT., RAILROAD SPIKE		UTLM	TELEPHONE, LINE MARKER			
	APT	POINT OF TANGENCY		EWFG	WETLAND FLAG		IMT	MICROWAVE TRANSCEIVER		TCMC	MICROCOMPUTER CABINET		MPST	PT., STAKE		UTMH	TELEPHONE, MANHOLE			
	APVC	POINT OF VERTICAL CURVATURE	GEOTECHNICAL				IOVHVS	PERM. OVERHEAD VMS		TCPP	PED POLE		MPTW	PT., TREE W/ WIRE		UTVLM	CABLE TV, LINE MARKER			
	APVCC	POINT OF VERT. CMPND CURVE					IPASCS	PORT. ACCOU. SPD & CNT. SENSOR		TCSH	SIGNAL HEADS		MPWL	PT., WALL LOCATION	ROW ACQUISITION				UTVPB	CABLE TV, PULL BOX
	APVI	POINT OF VERT. INTERSECTION		GDH	DRILL HOLE		IPEDS	PEDESTRIAN SIGNAL HEAD		TCSP	SIGNAL POLE	TRAFFIC WORK ZONE							UUB	UNKNOWN, BOX
	APVRC	POINT OF VERT. REVERSE CURVE	LANDSCAPE				IPSS	PAVEMENT SURFACE SENSOR								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX
	APVT	POINT OF VERTICAL TANGENCY					IPVMS	PERM. VMS					UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX
	ASC	SPIRAL TO CURVE		IRM	RAMP METER		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	ASPI	SPIRAL POINT OF INTERSECTION		IRWIS	RDWY WEATHER INFO. SENSOR		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	ASTS	SPIRAL TO SPIRAL		ISP	SOLAR PANEL		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	AST	SPIRAL TO TANGENT		ISST	SPREAD SPECT. TRANSCEIVER		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	ATS	TANGENT TO SPIRAL		ITDB	TELEPHONE DEMARCATION BLK		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	AVEVT	VERTICAL EVENT POINT		ITP	SUBSURFACE TEMP. PROBE		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	AVHIGH	VERTICAL HIGH POINT		IVTRT	VEHICLE TO RDWY TRANSCEIVER		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	AVLOW	VERTICAL LOW POINT		IWMD	WEIGHT IN MOTION DETECTOR		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
BRIDGE				IWVR	WIRELESS VIDEO REPEATER		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
				IWVRC	WIRELESS VIDEO RECEIVER		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX
	BSC	BRIDGE, SCUPPER		IWVTT	WIRELESS VIDEO TRANSMITTER					UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
CONTROL			NOTES							UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
										UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX
										UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX
										UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX
										UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX
										UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX
	CBP	BASLINE, POINT								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	CBPOL	BASLINE, POINT ON LINE								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	CBSP	BASLINE, SPUR POINT								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	CBTP	BASLINE, TIE POINT								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	CPBM	BENCHMARK								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	CPH	POINT, HORIZ. PHOTOGRAMMETRY								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	CPSM	POINT, SURVEY MARKER, PERM.								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			
	CPSV	POINT, VERT., PHOTOGRAMMETRY								UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX		UUB	UNKNOWN, BOX			

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK		PIN 2754.83		BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D040977	
		TOWN OF AUGUSTA, NY		ALL UTILITIES: QUALITY LEVEL C							
		TOWN OF VERNON, NY									
LEGEND - 02										DRAWING NO. LEG-	

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DESIGN SUPERVISOR B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK DRAFTING M. WAINWRIGHT CHECK N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

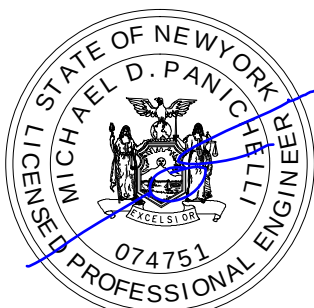


1 TYPICAL SECTION - FULL DEPTH RECONSTRUCTION (SUPERELEVATED)

SCALE: 1" = 5'-0"
LOOKING UPSTATION
(TAKEN AT STA. S 11+60.00)
STA. S 10+00.00 TO STA. S 14+90.00

AFFIX SEAL: MJ Engineering
ON: 02.10.2026

ALTERED BY:
ON:



REGISTRATION EXPIRES 10.31.2026

ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	LF
203.03	EMBANKMENT IN PLACE	CY	606.10	BOX BEAM GUIDE RAILING	LF
203.24010017	SHOULDER BACKUP MATERIAL	TON	606.1203	BOX BEAM END ASSEMBLY, TYPE III	EA
207.21	GEOTEXTILE SEPARATION	SY	610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY
304.12	SUBBASE COURSE, TYPE 2	CY	627.50140008	CUTTING PAVEMENT	LF
404.0983	9.5 F3 TOP COURSE WMA, 80 SERIES COMPACTION	TON			
404.1989	19 F9 BINDER COURSE WMA, 80 SERIES COMPACTION	TON			
404.3789	37.5 F9 BASE COURSE WMA, 80 SERIES COMPACTION	TON			
407.0103	STRAIGHT TACK COAT	GAL			

NOTES:	
1. TACK COAT, ITEM 407.0103, SHALL BE APPLIED TO ALL MILLED SURFACES AND BETWEEN ALL PERMANENT LIFTS, PRIOR TO PAVING OPERATIONS, AND IN ACCORDANCE WITH TABLE 407-1 APPLICATION RATES.	
2. ITEM 418.7603, ASPHALT PAVEMENT JOINT ADHESIVE, SHALL BE APPLIED TO ALL SAWCUTS, PAVEMENT JOINTS AND VERTICAL FACES TO ACCEPT NEW PAVEMENT.	
3. POR = POINT OF ROTATION, TGL = THEORETICAL GRADE LINE, S.B. = SHOULDER BREAK	
4. OUTSIDE THE LIMITS OF THE DRAINAGE DITCH, THE PROPOSED SIDE SLOPE SHALL TIE INTO EXISTING AT 1V:2H OFF THE BACK OF THE SHOULDER BREAK.	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK
TOWN OF AUGUSTA, NY
TOWN OF VERNON, NY
COUNTY: ONEIDA REGION: 2

PIN 2754.83
ALL UTILITIES:
QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D040977

TYPICAL SECTIONS

DRAWING NO. TYP-01
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.



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DESIGN SUPERVISOR B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. WAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

GENERAL NOTES:

1. ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL BE PERFORMED IN CONFORMANCE WITH THE MOST CURRENT VERSION AT THE TIME OF LETTING OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING STANDARD SPECIFICATIONS – CONSTRUCTION AND MATERIALS AND ALL ADDENDA THERETO AT THE TIME OF LETTING.
2. CURRENT NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND NYS SUPPLEMENT SHALL BE IN EFFECT FOR THIS PROJECT.
3. ADDITIONAL NOTES MAY BE FOUND ON SUBSEQUENT DRAWINGS. SUCH NOTES, WHILE PERTAINING TO THE SPECIFIC DRAWING THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
4. THE CONTRACTOR SHALL EXAMINE AND VERIFY IN THE FIELD ALL EXISTING CONDITIONS AND DIMENSIONS WITH THOSE SHOWN ON THE PLANS. IF FIELD CONDITIONS AND DIMENSIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL USE THE FIELD CONDITIONS AND DIMENSIONS, AND MAKE THE APPROPRIATE CHANGES TO THOSE SHOWN ON THE PLANS AS APPROVED BY THE ENGINEER. THE RESULTS OF THIS CHECK OF CONDITIONS AND DIMENSIONS SHALL BE SO NOTED ON THE DRAWINGS SUBMITTED FOR APPROVAL.
5. THE CONTRACTOR SHOULD NOTE THAT ADDITIONAL WORK MAY BE REQUIRED AS THE CONTRACT PROGRESSES WHICH IS NOT SHOWN OR NOTED ON THE PLANS. THIS WORK SHALL BE PERFORMED BY THE CONTRACTOR AS ORDERED BY THE ENGINEER AND PAYMENT SHALL BE MADE AT THE BID PRICE FOR THE APPROPRIATE ITEMS AS PER SECTION 104-4 OF THE STANDARD SPECIFICATIONS.
6. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THE AREA AND SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INCLUDED IN THE BID PRICE FOR THOSE ITEMS.
7. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORTS, BRACING OR OTHER DEVICES THAT MAY BE REQUIRED OR THAT MAY BE DIRECTED BY THE ENGINEER TO PROTECT THE SAFETY OF ADJACENT STRUCTURES, ROADWAYS OR VARIOUS ITEMS IN THE CONTRACT. NO SEPARATE PAYMENT SHALL BE MADE.
8. PAVED AREAS DISTURBED BY THE CONTRACTOR AS PART OF THE WORK TO BE PERFORMED UNDER THIS CONTRACT, SHALL BE RESTORED TO ACCEPTABLE CONDITION AS SPECIFIED BY AND SATISFACTORY TO THE ENGINEER.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GUARDING AND PROTECTING ALL OPEN EXCAVATION IN ACCORDANCE WITH THE PROVISION OF SECTION 107.05 "SAFETY AND HEALTH REQUIREMENTS" OF THE NYSDOT STANDARD SPECIFICATIONS. THE COST SHALL BE INCLUDED UNDER VARIOUS ITEMS IN THE CONTRACT.
10. THE CONTRACTOR SHALL PROVIDE SURVEY AND STAKEOUT AS REQUIRED AND IN ACCORDANCE WITH SECTION 625 OF THE STANDARD SPECIFICATIONS. COST FOR THIS WORK SHALL BE INCLUDED UNDER ITEM 625.01 – SURVEY OPERATIONS.
11. IF THE ENGINEER NOTIFIES THE CONTRACTOR OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THE AFFECTED AREA SHALL BE DISCONTINUED AND IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE SITUATION TO THE SATISFACTION OF THE ENGINEER BEFORE WORK IS RESUMED.
12. THE CONTRACTOR SHALL BE REQUIRED TO PROTECT THEIR WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS.
13. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT WORK IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO THE VARIOUS WATER BODIES FROM POLLUTION BY DEBRIS, SEDIMENT OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH WATER BODIES. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A WATER BODY 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. THERE WILL BE NO DIRECT PAYMENT FOR CONDUCTING WORK IN THIS MANNER.
14. DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS OR OTHER MATERIAL TO THE AREA BELOW THE STRUCTURE EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER DETERMINES THAT ADEQUATE PROTECTION DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED. THERE WILL BE NO DIRECT PAYMENT FOR CONDUCTING WORK IN THIS MANNER.
15. ALL MATERIAL FALLING ON THE AREA BELOW AND ADJACENT TO THE STRUCTURE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT AN APPROVED SITE.
16. AS REQUIRED BY NYSDOT STANDARD SPECIFICATION 107-10 AND 107-11, THE CONTRACTOR WILL OBTAIN WRITTEN PERMISSION FROM THE ENGINEER PRIOR TO USING A SPOIL AREA.
17. ANY CLEARING AND GRUBBING NECESSARY TO COMPLETE THE WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS FOR ITEM 201.06.
18. THE CONTRACTOR SHALL NOTIFY THE ENGINEER TWO (2) WEEKS PRIOR TO MAKING ANY CHANGES IN WORK DAYS OR WORK HOURS, SUBCONTRACTORS ARE REQUIRED TO WORK WITHIN THE PRIME CONTRACTOR'S CORE HOURS.

EMERGENCY SERVICES NOTE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE STATE AND LOCAL POLICE DEPARTMENTS, EMERGENCY AND FIRE DEPARTMENT RESPONSE UNITS, SCHOOL DISTRICT OFFICIALS AND THE APPROPRIATE U.S. POST OFFICE LOCAL BRANCH TWO (2) WEEKS PRIOR TO COMMENCING WORK AND IMPLEMENTING THE FULL DETOUR. THE CONTRACTOR MUST PROVIDE PROOF OF THE NOTIFICATION TO THE AFOREMENTIONED ENTITIES TO THE E.I.C. PRIOR TO IMPLEMENTING THE ROAD CLOSURE. ACCEPTABLE PROOF OF NOTIFICATION INCLUDES REGISTERED CERTIFIED MAIL OR EMAIL CORRESPONDENCE.

DRAINAGE NOTES:

1. AT ALL TIMES, THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE OF SURFACE RUNOFF FROM THE TRAVEL LANES AND CONTROL OF THE RUNOFF TO PREVENT EROSION, POLLUTION, SEDIMENTATION OR OTHER DISCHARGES WHICH WOULD AFFECT PROPERTIES ADJACENT TO THE WORK SITE. ALL MEASURES TAKEN TO PROVIDE POSITIVE DRAINAGE SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE APPLICABLE ITEMS IN THE CONTRACT.
2. NO STOCKPILING SHALL BE ALLOWED ALONG DRAINAGE FLOW LINES. THE CONTRACTOR SHALL KEEP ALL DRAINAGE FACILITIES, WITHIN THE CONTRACT LIMITS, CLEAN AND FULLY OPERATIONAL AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED UNDER THE APPLICABLE ITEMS IN THE CONTRACT.

UTILITY NOTES:

1. THE LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED ON THE PLANS AS EXISTING AND/OR TO BE CONSTRUCTED, ARE APPROXIMATE ONLY. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY ALSO EXIST.
2. PRIOR TO COMMENCEMENT OF CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBLTY TO CALL DIG SAFE NY (800 962-7962), PLUS ALL AFFECTED NON-MEMBER UTILITIES, TO HAVE ALL UNDERGROUND UTILITIES LOCATED.
3. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO PREVENT DAMAGE TO EXISTING UTILITIES. HE SHALL MAKE SUCH INQUIRIES AND/OR EXPLORATIONS AS MAY BE NECESSARY TO DETERMINE THE DIMENSIONS AND LOCATIONS OF UTILITY LINES THAT MAY BE SUBJECT TO DAMAGE. NOTIFICATION TO THE VARIOUS OWNERS OF FACILITIES SHALL BE GIVEN IN ACCORDANCE WITH NEW YORK STATE INDUSTRIAL CODE 53.
4. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE EXACT LOCATION OF UTILITY LINES AND SHALL PROTECT AND SUPPORT IN A SUITABLE MANNER, ALL UTILITIES ENCOUNTERED IN HIS WORK. THE CONTRACTOR SHALL MAKE GOOD ANY DAMAGE TO THOSE UTILITIES CAUSED BY HIS OPERATIONS. IF THE NATURE OF DAMAGE IS SUCH AS TO ENDANGER THE SATISFACTORY OPERATIONS OF THE UTILITIES AND NECESSARY REPAIRS ARE NOT IMMEDIATELY MADE BY THE CONTRACTOR, THE WORK MAY BE DONE BY THE RESPECTIVE UTILITY COMPANIES AND THE COST THEREOF CHARGED AGAINST THE CONTRACTOR.
5. IN THE EVENT CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION OF SAID SERVICE, HE SHALL IMMEDIATELY NOTIFY SAID UTILITY AND WITH THEIR APPROVAL, SHALL IMMEDIATELY COMMENCE WORK TO RESTORE THAT SERVICE, NOT STOPPING UNTIL SERVICE IS RESTORED.
6. PRIOR TO COMMENCEMENT OF CONSTRUCTION, CONTRACTOR SHALL MEET WITH ALL KNOWN PUBLIC AND PRIVATE UTILITY COMPANIES OCCUPYING THE WORK SITE. CONTRACTOR SHALL, AT THIS MEETING, INFORM THE UTILITY COMPANIES OF HIS SCHEDULE OF OPERATIONS AND SO COORDINATE HIS WORK WITH THESE COMPANIES. CONTRACTOR SHALL KEEP ALL UTILITY COMPANIES INFORMED, IN A TIMELY MANNER, OF ANY CHANGES IN THIS SCHEDULE.
7. KNOWN UTILITY OWNERS MAY INCLUDE, BUT ARE NOT LIMITED TO:

CHARTER COM NORTHEAST CENTRAL NY
TDS TELECOM VERNON
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FEES REQUIRED BY THE UTILITY OWNERS FOR TEMPORARY RELOCATIONS. ANY DAMAGE RESULTING TO ANY UTILITY (BURIED, AERIAL, ETC.) BY THE CONTRACTOR, PERSONNEL, SUBCONTRACTOR, OR ANY OTHER PERSON WITHIN THE CONFINES OF THE SITE (500 FEET BEYOND EACH END OF THE PROJECT) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. COMMUNICATIONS ARE DESIGNATED QUALITY LEVEL C (QLC). IF A CONFLICT IS SUSPECTED, THE RESPECTIVE UTILITY COMPANIES SHALL BE NOTIFIED. REFER TO SECTION 100 OF THE NYSDOT STANDARD SPECIFICATIONS FOR UTILITY QUALITY LEVEL DEFINITIONS.

WETLAND AND STREAM PROTECTION NOTES:

1. WETLANDS WITHIN THE PROJECT LIMTIS WERE FIELD DELINATED BY AMBIENT ENVIRONMENTAL, INC. ON 05/14/2024, THE WETLANDS WITHIN THE PROJECT AREA ARE REGULATED BY NYSDEC PURSUANT TO ARTICLE 24 OF THE ENVIRONMENTAL CONSERVATION LAW (ECL). AN ARTICLE 24 PERMIT IS REQUIRED FOR ANY REGULATED ACTIVITY PLANNED OR PROPOSED WITHIN REGULATED WETLANDS OR THEIR REGULATED ADJACENT AREAS.
2. THE DIX BROOK IS A PROTECTED STREAM, CLASS C / C(T), REGULATED BY THE NYSDEC.
3. WORK WITHIN THE STREAM BED, ON THE STREAM BANKS AND WITHIN THE REGULATED WETLAND BUFFER ZONE IS PERMITTED UNDER NYSDEC PERMIT 6-3022-00052/00001 & 00002, AUTHORIZED ON 11/26/2025. REFER TO THE CONTRACT DOCUMENTS FOR A COPY OF THE PERMIT AUTHORIZATION. ALL WORK ASSOCIATED WITH THIS PROJECT MUST CONFORM TO THE PROJECT-SPECIFIC SPECIAL CONDITIONS, THE NATURAL RESOURCE PERMIT CONDITIONS, THE WATER QUALITY CERTIFICATION SPECIFIC CONDITION, GENERAL CONDITIONS AND NOTIFICATION REQUIREMENTS SPECIFIED IN THE PERMIT AUTHORIZATION.
4. WORK BELOW THE ORDINARY HIGH WATER MARK OF THE DIX BROOK IS PERMITTED UNDER US ARMY CORPS OF ENGINEERS NATIONWIDE PERMIT NO. 3, AUTHORIZED VIA EMAIL ON 02/06/2026. REFER TO THE CONTRACT DOCUMENTS FOR A COPY OF THE REGIONAL CONDITIONS.
5. EROSION CONTROL MEASURES AS NOTED ON THE PLANS SHALL BE PLACED AS CLOSE AS POSSIBLE TO THE EDGE OF EXISTING WETLANDS TO BE PRESERVED WITHOUT INTERFERING WITH GRADING OPERATIONS.

AFFIX SEAL: MJ Engineering ON: 02.10.2026		ALTERED BY: ON:											
		AS-BUILT REVISIONS		REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK		PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977			
		DESCRIPTION OF ALTERATIONS:		TOWN OF AUGUSTA, NY						GENERAL NOTES		DRAWING NO. GNN-01 SHEET NO. 6	
				TOWN OF VERNON, NY									
				COUNTY: ONEIDA REGION: 2									
REGISTRATION EXPIRES 10.31.2026										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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WORK ZONE TRAFFIC CONTROL NOTES

A. GENERAL NOTES:

- ALL TRAFFIC CONTROL DEVICES AND SCHEMES USED FOR WORK ZONE TRAFFIC CONTROL SHALL CONFORM TO THE APPLICABLE SPECIFICATIONS AS SET FORTH IN THE CURRENT VERSIONS OF THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (N MUTCD), THE NYS SUPPLEMENT AND IN SECTION 619, WORK ZONE TRAFFIC CONTROL, OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, (US CUSTOMARY) AS AMENDED, OR AS AMENDED BY THESE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND MAKING SURE ALL SIGNS, CONES, LIGHTING, BARRICADES, ETC. ARE IN PLACE AND IN GOOD CONDITION. THE SOLE JUDGE OF THE EFFECTIVENESS OF THE CONTRACTOR'S EFFORTS TOWARD PROTECTION OF TRAFFIC SHALL BE THE ENGINEER. IF THE ENGINEER NOTIFIES THE CONTRACTOR OF ANY HAZARDOUS CONSTRUCTION PRACTICE, ALL OPERATIONS IN THAT AREA SHALL BE DISCONTINUED AND IMMEDIATE REMEDIAL ACTION SHALL BE TAKEN TO CORRECT THE SITUATION TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE A FLAGGER AND APPROPRIATE SIGNING WHENEVER OPERATIONS INTERFERE WITH TRAFFIC, AS DIRECTED BY THE ENGINEER. EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO, DELIVERING OR REMOVING MATERIALS, LIFTING OPERATIONS, DIRECTING DRIVEWAY OR CROSS STREET TRAFFIC, AND, ANY ACTIVITIES AS ORDERED BY THE ENGINEER. THE SOLE DUTY OF ANY FLAGGERS SHALL BE TO DIRECT TRAFFIC PROPERLY AT ALL TIMES. THESE FLAGGERS SHALL BE POSITIONED APPROPRIATELY IN ADVANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE FLAGGING OPERATIONS IN ACCORDANCE WITH NYS DOT STANDARD SHEET 619-60 WHEN REQUIRED. SCHEDULE OF FLAGGING OPERATIONS SHALL BE APPROVED BY THE ENGINEER.
- ALL EXISTING ROADWAYS INTERSECTING THE WORK AREA SHALL REMAIN OPEN TO TWO-WAY TRAFFIC AT ALL TIMES UNLESS OTHERWISE NOTED IN THE PLANS OR AUTHORIZED BY THE ENGINEER.
- ONEIDA COUNTY SHALL BE RESPONSIBLE FOR ROUTINE CONTROL OF SNOW AND ICE IN ALL ACTIVE TRAVEL LANES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF SNOW AND ICE OF ALL OTHER AREAS WITHIN THE CONTRACT LIMITS. THE CONTRACTOR SHALL RESPOND WITHIN 24 HOURS OF ALL 3 INCH OR GREATER SNOWFALL EVENTS, OR AS DIRECTED BY THE ENGINEER. COST OF THIS WORK SHALL BE INCLUDED UNDER ITEM 619.01. THIS WORK INCLUDES, BUT IS NOT LIMITED TO, MAINTAINING THE AREA WITHIN 3 FEET OF BOTH SIDES OF TEMPORARY CONCRETE BARRIER AND AREAS NECESSARY FOR PROPER MAINTENANCE OF CHANNELIZING DEVICES.

B. CHANGES TO WORK ZONE TRAFFIC CONTROL (WZTC) PLANS:

- THE WORK ZONE TRAFFIC CONTROL PLANS SHOWN ARE CONSIDERED TO BE THE MINIMUM REQUIREMENTS. ADDITIONAL SIGNS AND/OR TRAFFIC CONTROL DEVICES MAY BE REQUIRED AS DETERMINED BY THE ENGINEER AND MUST BE PROVIDED WHERE SPECIAL COMPLEXITIES AND HAZARDS PREVAIL. COST SHALL BE INCLUDED IN ITEM 619.01.
- ANY PROPOSED TRAFFIC CONTROL SCHEME WHICH WOULD DEViate FROM THE WORK ZONE TRAFFIC CONTROL DRAWINGS, INCLUDING THE RESTRICTIONS STATED THEREIN, SHALL BE APPROVED BY THE ENGINEER.

C. WZTC RESTRICTIONS:

- PRIOR TO ANY REDUCTION IN EXISTING ROADWAY WIDTH(S) (LONG TERM), THE CONTRACTOR SHALL PROVIDE THE ENGINEER A WRITTEN NOTICE TWENTY-ONE (21) DAYS PRIOR SO HE/SHE MAY INFORM THE COUNTY OF THE WIDTH REDUCTION(S) IN A TIMELY MANNER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY UPON THE REMOVAL OF THE LANE WIDTH RESTRICTION SO THE ENGINEER MAY NOTIFY THE COUNTY.
- THERE SHALL BE NO ROAD CLOSURES DURING THE PROJECT WITHOUT TWO WEEKS PRIOR NOTICE TO THE COUNTY. ROAD CLOSURES CAN ONLY BE AUTHORIZED BY THE COUNTY.

D. WZTC COORDINATION:

- MOST WORK SHALL BE COMPLETED DURING THE HOURS BETWEEN 7 AM TO 7 PM. WHEN NIGHT WORK IS REQUIRED, CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING TWO (2) WEEKS PRIOR AND RECEIVE WRITTEN AUTHORIZATION OF THE APPROVAL.
- IF WORK OPERATIONS ARE PERMITTED BY THE COUNTY BEFORE 7 AM OR AFTER 7 PM, AN APPROVED LIGHTING PLAN IS REQUIRED. THE LIGHTING PLAN SHALL BE APPROVED PRIOR TO START OF WORK BY THE ENGINEER.
- NO TEMPORARY LANE CLOSURES SHALL BE ALLOWED WHEN EITHER VISIBILITY OR PAVEMENT CONDITION ARE JUDGED TO BE INADEQUATE BY THE ENGINEER.
- FLAGGERS WITH FLAGGER SIGNS (W20-7c) SHALL BE LOCATED AT ALL ACTIVE WORK AREAS AND AT ANY OTHER LOCATIONS WITHIN A WORK AREA WHERE A RESTRICTED SIGHT DISTANCE IMPEDES THE FLOW OF TRAFFIC.
- THE CONTRACTOR SHALL SCHEDULE AND PROGRESS THE CONTRACT WORK IN A MANNER THAT MINIMIZES THE DURATION OF LANE CLOSURES. LANE CLOSURES SHALL BE USED ONLY WHEN WORK IS ACTUALLY IN PROGRESS.

D. WZTC COORDINATION (CON'T):

- ALL OPEN TRENCHES, EXCAVATIONS OR HOLES SHALL BE PLATED AT THE END OF THE WORK DAY. IF PLATES ARE TO CARRY VEHICULAR TRAFFIC, THE PLATES SHALL BE SUFFICIENTLY SIZED TO CARRY VEHICLES AND SECURED IN PLACE TO PREVENT MOVEMENT WHILE IN USE.

E. WZTC SIGNING AND DEVICES:

- THE SIGN AND APPURTENANCE DISTANCES SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS ARE APPROXIMATE. THE DISTANCES MAY BE AMENDED BY THE ENGINEER TO BETTER MEET FIELD CONDITIONS.
- THE CONSTRUCTION AND REGULATORY SIGNS FOR A PARTICULAR WORK ZONE TRAFFIC CONTROL STAGE SHALL BE IN PLACE PRIOR TO THE START OF THAT STAGE. ALL CONSTRUCTION SIGNS SHALL EITHER BE REMOVED OR COVERED COMPLETELY WITH OPAQUE MATERIAL WHEN THE WORK TO WHICH THEY PERTAIN IS NOT IN PROGRESS.
- ALL SIGNS, INCLUDING ALL GUIDE SIGNS, SHALL INDICATE THE ACTUAL CONDITIONS AT ALL TIMES. SIGNS SHALL BE COVERED, REPOSITIONED, OR CHANGED IMMEDIATELY AS DIRECTED BY THE ENGINEER. NO SIGN SHALL BE PLACED AT ANY LOCATION WHERE IT COULD BE OBSCURED BY TEMPORARY OR PERMANENT OBJECTS. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, WORK ZONE TRAFFIC CONTROL.
- ANY WORK ZONE TRAFFIC CONTROL PLAN WHICH WILL BE UTILIZED OR REMAIN IN PLACE DURING NIGHT TIME (BETWEEN 7 PM TO 7 AM) HOURS SHALL UTILIZE CONSTRUCTION DRUMS OR AN APPROVED ALTERNATE NIGHT TIME CHANNELIZING DEVICE (TUBULAR MARKERS CONFORMING TO 729-03, OR TYPE III BARRICADES). CONES MAY BE SUBSTITUTED FOR DRUMS OR OTHER ALTERNATE CHANNELIZING DEVICES FOR DAYTIME (DAWN TO DUSK) WORK ZONE TRAFFIC CONTROL PLANS, BUT SHALL NOT BE UTILIZED FOR NIGHT TIME WORK ZONE TRAFFIC CONTROL PLANS OR FOR PLANS WHICH WILL REMAIN IN PLACE OVERNIGHT. IF THE CONTRACTOR ELECTS TO UTILIZE ALTERNATE CHANNELIZING DEVICES (TUBULAR MARKERS OR TYPE III BARRICADES) NO DIRECT PAYMENT SHALL BE MADE FOR THE ALTERNATE DEVICES. ALL COSTS ASSOCIATED WITH ALTERNATE CHANNELIZING DEVICES INCLUDING ALL MATERIALS, EQUIPMENT AND LABOR TO INSTALL, MAINTAIN, RELOCATE, AND REMOVE ALL DEVICES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 619.01, WORK ZONE TRAFFIC CONTROL.

F. CONSTRUCTION VEHICLES:

- WITHIN THE PROJECT LIMITS, VEHICLES BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED WITHIN 5 FT OF THE EDGE OF PAVEMENT.
- DRIVING AGAINST TRAFFIC, REGARDLESS OF WHETHER THE AREA HAS BEEN CLOSED TO TRAFFIC, SHALL NOT BE ALLOWED AT ANYTIME, EXCEPT FOR TRAFFIC CONE PICKUP AND ON CLOSED RAMPS AND AS SPECIFICALLY PERMITTED BY THE ENGINEER.
- WHEN REOPENING DRIVING LANES TO TRAFFIC, THE CONTRACTOR SHALL START BY REMOVING THE CONES AT THE FAR END OF THE LANE CLOSURE AND WORK TOWARDS THE SIGNS AT THE BEGINNING OF THE LANE CLOSURE. THE SIGNS ARE NOT TO BE TAKEN DOWN UNTIL ALL TRAFFIC CONTROL DEVICES HAVE BEEN REMOVED.
- ESCORT VEHICLES EQUIPPED WITH AN APPROVED ROTATING AMBER WARNING LIGHT SHALL BE REQUIRED WHEN TRANSPORTING SLOW MOVING CONSTRUCTION EQUIPMENT ALONG ANY PORTION OF THE ROADWAY THAT IS OPEN TO TRAFFIC.
- ALL VEHICLES THAT WILL MOVE INTO AND OUT OF TRAFFIC AT WORK AREAS SHALL BE EQUIPPED WITH AN APPROVED ROTATING AMBER WARNING LIGHT THAT SHALL BE MOUNTED SO AS TO BE EASILY SEEN BY APPROACHING TRAFFIC.
- TO PREVENT THE ACCIDENTAL INTRODUCTION OF INVASIVE PLANTS DURING CONSTRUCTION ACTIVITIES, ALL TRACKED EQUIPMENT INVOLVED IN EARTHWORK WILL BE CLEANED AS APPROPRIATE, E.G. TRACKS, BUCKETS, PRIOR TO ARRIVAL ON-SITE TO REMOVE PLANTS, SEEDS AND PROPAGULES THAT MAY BE ATTACHED. CLEANING SHALL CONSIST OF USING PHYSICAL MEANS AND HAND TOOLS, SUCH AS BRUSHES, BROOMS, RAKES OR SHOVELS, ON ALL TRACK AND BUCKET/BLADE COMPONENTS TO ADEQUATELY REMOVE ALL VISIBLE DIRT AND PLANT DEBRIS. IF WATER IS USED, THE WATER/SLURRY SHALL BE CONTAINED SO AS TO RESTRICT INTRODUCTION OF INVASIVE PLANTS, SEEDS AND PROPAGULES INTO THE PROJECT OR OFF-SITE THROUGH FUTURE SURPLUS MATERIAL DISPOSAL.

G. RESPONSIBILITY FOR EMERGENCY REPAIRS:

- THE CONTRACTOR SHALL SUBMIT, IN WRITING, TO THE ENGINEER WHO IN TURN WILL SUBMIT TO THE OWNER, THE NEW YORK STATE POLICE, AND THE LOCAL POLICE, THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF HIS/HER AND THE CONTRACTOR'S STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS.

H. ROADSIDE HAZARDS:

- EXCAVATIONS THAT PRODUCE A DROP OFF ON BOTH SIDES OF THE TRAVEL LANES SHALL NOT BE PERMITTED, UNLESS PROTECTED WITH CONCRETE BARRIER. SEE SECTION 619 IN THE STANDARD SPECIFICATIONS FOR REQUIRED TREATMENT OF PAVEMENT EDGE DROP-OFFS AND DELINEATION.
- WHEN NOT IN USE, THE CONTRACTOR SHALL NOT STORE ANY CONSTRUCTION EQUIPMENT, SIGNS, TRAFFIC CONTROL DEVICES, MATERIALS OR ANY OTHER APPURTENANCES ALONG THE ROADWAY WITHIN THE CLEAR ZONE.

I. CHANGING WZTC SCHEMES:

- WHEN IT IS NECESSARY TO CHANGE THE LANES THAT ARE CLOSED TO TRAFFIC, THE CONTRACTOR SHALL BE REQUIRED TO FIRST REMOVE ALL DRUMS, CONES, SIGNS, ARROWS, AND THE LIKE SO THAT ALL LANES ARE OPEN BEFORE THE NEW SCHEME IS SET IN PLACE. THIS METHOD MAY BE MODIFIED BY THE ENGINEER, AS NECESSARY.

J. DRIVEWAY ACCESS:

- ONE (1) DRIVEWAY FOR A RESIDENTIAL PROPERTY IS LOCATED WITHIN THE WORK LIMITS. THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS TO THE PROPERTY AT ALL TIMES.
- IF A SHORT-DURATION CLOSURE IS REQUIRED TO COMPLETE A SPECIFIC ELEMENT OF WORK, THE CLOSURE MUST BE COORDINATED WITH THE PROPERTY OWNER IN ADVANCE, AND WORK SHALL BE CONDUCTED OUTSIDE OF BUSINESS HOURS.

AFFIX SEAL: MJ Engineering ON: 02.10.2026		ALTERED BY: ON:								
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977	
				TOWN OF AUGUSTA, NY						
				TOWN OF VERNON, NY						
				COUNTY: ONEIDA				REGION: 2		
REGISTRATION EXPIRES 10.31.2026		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.								
WORK ZONE TRAFFIC CONTROL NOTES										DRAWING NO. WZTN-01 SHEET NO. 7



BRIDGE CLOSED

R11-2

SIMMONS ROAD

TYPE III CONSTRUCTION BARRICADES WITH FLASHING BEACONS (TYP.) ITEM 619.04

TEMPORARY POSITIVE BARRIER - CATEGORY 1 (PINNING PROHIBITED) ITEM 619.1711

APPROACH SIGNING

SCALE: N.T.S.

1. PRIOR TO CLOSING SIMMONS ROAD TO ANY TRAFFIC, ON SITE APPROACH SIGNING AND BARRICADES SHALL BE PLACED AS SHOWN ON THIS DRAWING. PAYMENT TO BE INCLUDED IN ITEM 619.01.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ON SITE APPROACH SIGNING AND ALL OFF-SITE DETOUR SIGNING FOR THE DURATION OF THIS PROJECT. PAYMENT TO BE INCLUDED IN ITEM 619.01.
3. ALL TEMPORARY SIGNS, INCLUDING GUIDE SIGNS, SHALL INDICATE ACCURATE CONDITIONS AT ALL TIMES AND SHALL BE COVERED, MOVED, REMOVED, OR CHANGED AS DIRECTED BY THE ENGINEER. SIGNS SHALL NOT BE PLACED AT LOCATIONS WHERE THEY ARE OBSCURED BY TEMPORARY OR PERMANENT OBJECTS OR ARE A HAZARD TO PUBLIC SAFETY.
4. THE CONTRACTOR SHALL PROVIDE APPROPRIATE SIGNING, FLAGGERS, AND OTHER WORK ZONE TRAFFIC CONTROL DEVICES WHEN OPERATIONS REQUIRE TRAFFIC TO BE STOPPED FOR BUT NOT LIMITED TO, CROSSING OPERATIONS FOR EQUIPMENT, DELIVERY OF MATERIALS, AND OTHER ACTIVITIES A.O.B.E.
5. THE CONTRACTOR SHALL BE PAID FOR INSTALLATION AND REMOVAL OF BARRICADES ONCE. ANY MOVEMENT OR REARRANGEMENT OF THESE BARRICADES TO SUIT THE CONTRACTORS OPERATIONS SHALL BE AT THE CONTRACTORS EXPENSE.
6. THE CONTRACTOR MAY SUBMIT REVISIONS TO THIS PLAN FOR APPROVAL BUT ANY CHANGE THAT ALTERS THE BASIC CONCEPT OF THIS PLAN MUST BE APPROVED BY THE ENGINEER.
7. ALL SIGNS SHOWN ON THIS PLAN INCLUDING THE ERECTING AND REMOVAL OF SUCH SIGNS, SHALL BE PAID FOR UNDER ITEM 619.01. THE WORK ZONE TRAFFIC CONTROL PLANS ARE CONSIDERED TO BE MINIMUM REQUIREMENTS. ADDITIONAL SIGNS AND/OR CONTROL DEVICES MAY BE REQUIRED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE PRICE BID FOR ITEM 619.01.
8. ALL CONSTRUCTION SIGNS, BARRICADES, CONES, AND VERTICAL PANELS SHALL BE REFLECTORIZED IN ACCORDANCE WITH SECTION 730-05.02 OF THE STANDARD SPECIFICATIONS.
9. CONTRACTOR TO OBTAIN NYSDDOT HIGHWAY WORK PERMIT PRIOR TO ANY SIGNAGE BEING PLACED ON NY ROUTE 26.



SIMMONS ROAD DETOUR ROUTE
SCALE: N.T.S.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY	ALL UTILITIES: QUALITY LEVEL C			WORK ZONE TRAFFIC CONTROL DETOUR PLAN	DRAWING NO. WZTC-01 SHEET NO. 8
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					

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 B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. MAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

PROJECT SURVEY CONTROL SIMMONS ROAD PIN 2754.83

BASE MAPPING WAS DEVELOPED FROM CONVENTIONAL TOPOGRAPHIC SURVEY CONDUCTED IN MARCH 2024.

UNITS: USC, (FEET).

THE PROJECT SURVEY PRIMARY HORIZONTAL CONTROL WAS ESTABLISHED BY USE OF STATIC GPS SURVEY METHODS.

THE HORIZONTAL DATUM IS THE NORTH AMERICAN DATUM OF 1983, (2011) ADJUSTMENT: NAD 83/ (2011), EPOCH 2010.

THE COORDINATE SYSTEM IS THE NEW YORK STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE 3102.

SURVEY BASELINE DISTANCES ARE REDUCED TO THE STATE PLANE COORDINATE SYSTEM GRID BY AN AVERAGE COMBINED SCALE FACTOR 0.9999982660

THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).



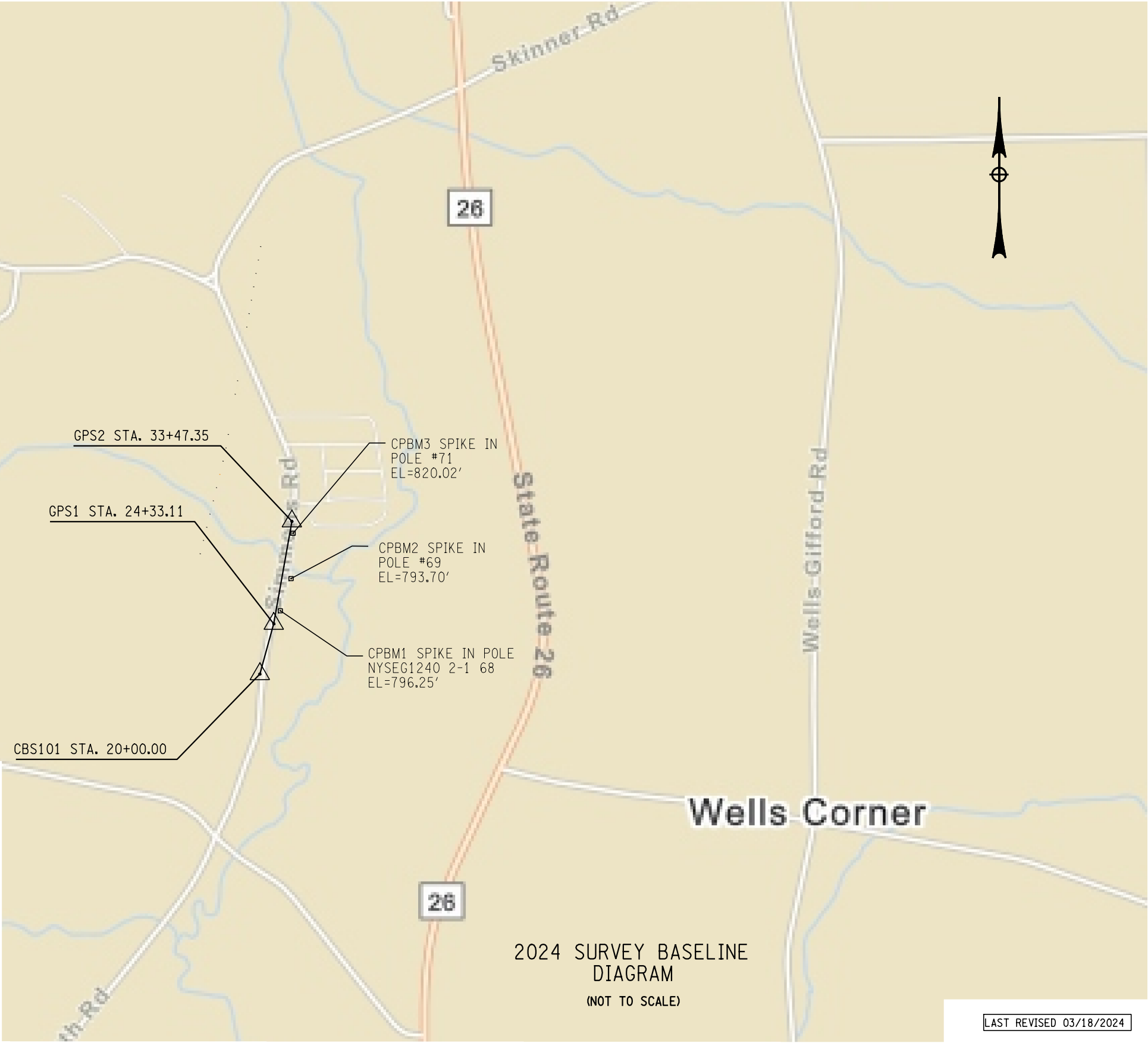
2024 PROJECT CONTROL BASELINE					
SIMMONS ROAD OVER DIX BROOK		SECONDARY CONTROL SURVEY BASELINE			PIN 2754.83
STATION	BEARING	DISTANCE	NORTHING	EASTING	DESCRIPTION
CBS101			1101507.7021	1107280.9763	RED CAPPED DOCK SPIKE
GPS 1	N 13°51'35" E	433.11'	1101928.2053	1107384.7257	ALUMINUM CAPPED IRON ROD
GPS 2	N 9°45'23" E	914.24'	1102829.2181	1107539.6520	ALUMINUM CAPPED IRON ROD

AFFIX SEAL: ON: MJ Engineering 02.10.2026

ALTERED BY: ON:

REGISTRATION EXPIRES 7.31.2027

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER
	TOWN OF AUGUSTA, NY				SURVEY PROJECT SECONDARY CONTROL SURVEY BASELINE AND BENCHMARK DIAGRAM	DRAWING NO. BLT-01 SHEET NO. 9
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					
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.						



LAST REVISED 03/18/2024

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AFFIX SEAL: MJ Engineering
ON: 02.10.2026

ALTERED BY:
ON:

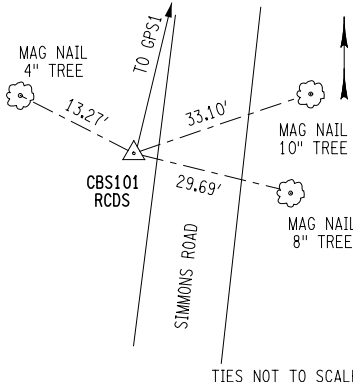


REGISTRATION EXPIRES 7.31.2027

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK
	TOWN OF AUGUSTA, NY
	TOWN OF VERNON, NY
	COUNTY: ONEIDA REGION: 2

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.

2024 SECONDARY CONTROL
BASELINE TIE

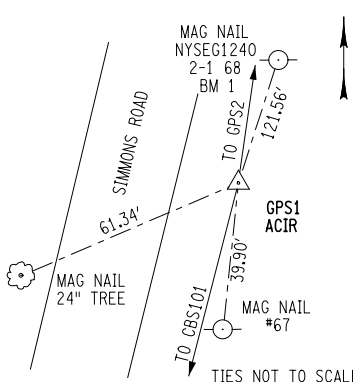


TIES NOT TO SCALE

CBS101 STA. 20+00.00
RED CAPPED DOCK SPIKE SET +/-
1,540' NORTHERLY FROM THE
INTERSECTION OF ROTTAMORE ROAD
AND +/- 15.2' WESTERLY FROM THE
CENTERLINE OF SIMMONS ROAD.

NYSPCS CENTRAL ZONE NAD 83/2011
N: 1101507.7021
E: 1107280.9763

2024 PRIMARY CONTROL
BASELINE TIE

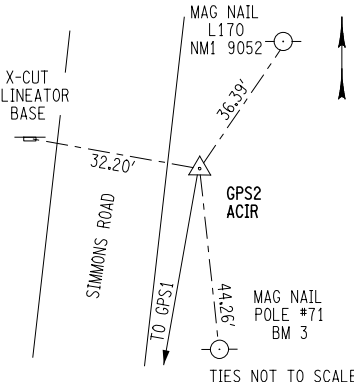


TIES NOT TO SCALE

GPS1 STA. 24+33.11
ALUMINUM CAPPED IRON ROD SET +/-
1,973' NORTHERLY FROM THE
INTERSECTION OF ROTTAMORE ROAD
AND +/- 16.8' EASTERLY FROM THE
CENTERLINE OF SIMMONS ROAD.

NYSPCS CENTRAL ZONE NAD 83/2011
N: 1101928.2053
E: 1107384.7257

2024 PRIMARY CONTROL
BASELINE TIE

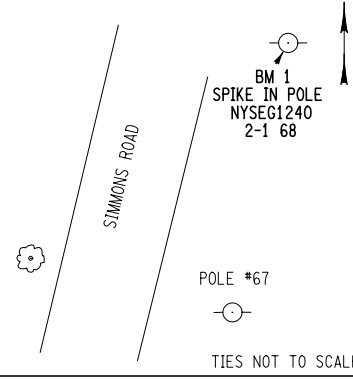


TIES NOT TO SCALE

GPS2 STA. 33+47.35
ALUMINUM CAPPED IRON ROD SET +/-
2,888' NORTHERLY FROM THE
INTERSECTION OF ROTTAMORE ROAD
AND +/- 13.8' EASTERLY FROM THE
CENTERLINE OF SIMMONS ROAD.

NYSPCS CENTRAL ZONE NAD 83/2011
N: 1102829.2181
E: 1107539.6520

2024 SECONDARY CONTROL
BENCHMARK TIE

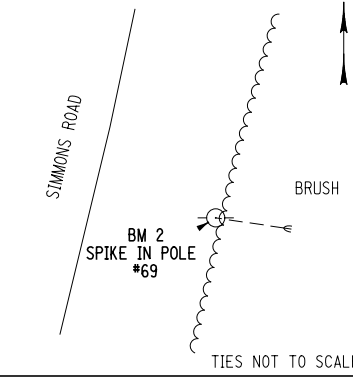


TIES NOT TO SCALE

BENCHMARK 1
SPIKE IN POLE NYSEG1240 2-1 68
+/- 2,090' NORTHERLY FROM THE
INTERSECTION OF ROTTAMORE ROAD
AND +/- 14.8' EASTERLY FROM THE
PAVEMENT EDGE OF SIMMONS ROAD.

NAVD 88
EL=796.25'

2024 SECONDARY CONTROL
BENCHMARK TIE

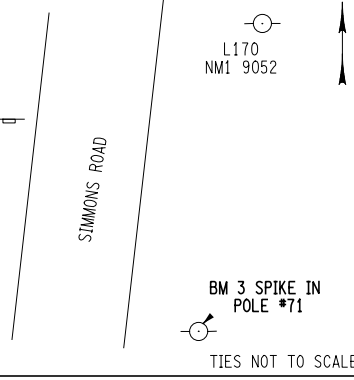


TIES NOT TO SCALE

BENCHMARK 2
SPIKE IN POLE #69 +/- 2,365'
NORTHERLY FROM THE INTERSECTION
OF ROTTAMORE ROAD AND +/- 12.2'
EASTERLY FROM THE PAVEMENT EDGE
OF SIMMONS ROAD.

NAVD 88
EL=793.70'

2024 SECONDARY CONTROL
BENCHMARK TIE



TIES NOT TO SCALE

BENCHMARK 3
SPIKE IN POLE #71 +/- 2,840'
NORTHERLY FROM THE INTERSECTION
OF ROTTAMORE ROAD AND +/- 11.6'
EASTERLY FROM THE PAVEMENT EDGE
OF SIMMONS ROAD.

NAVD 88
EL=820.02'

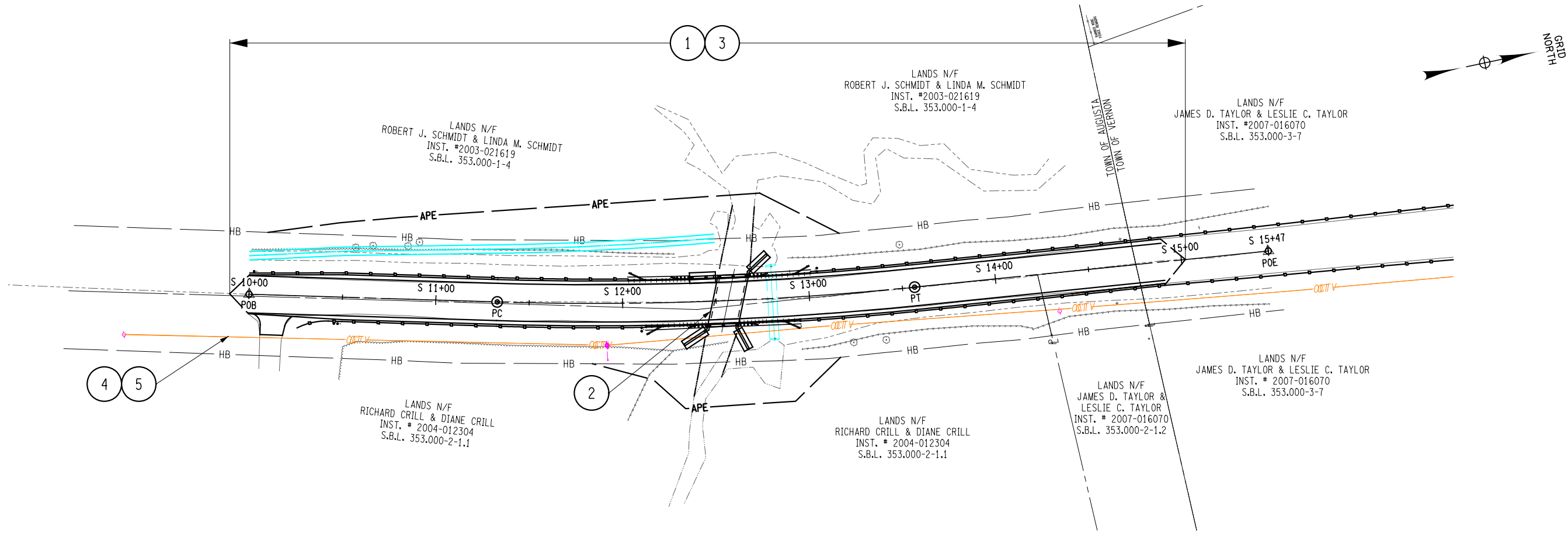
LAST REVISED 03/18/2024

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER
SURVEY PROJECT SECONDARY CONTROL SURVEY BASELINE AND BENCHMARK TIE DIAGRAMS	DRAWING NO. BLT-02 SHEET NO. 10



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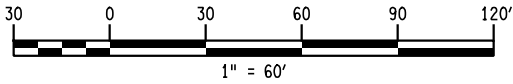
DESIGN SUPERVISOR B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. MAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT



MAINTENANCE JURISDICTION PLAN
SIMMONS ROAD

SCALE: 1" = 60'-0"

TABLE OF MAINTENANCE JURISDICTION								
PART NO.	DESCRIPTION	LIMITS	GENERAL FEATURES TO BE MAINTAINED	C MI	LANE MI	JURISDICTIONAL AGENCY	MAINTAINING AGENCY	GOVERNING DOCUMENT FOR MAINTENANCE JURISDICTION
SIMMONS ROAD								
1	SIMMONS ROAD	WITHIN PROJECT LIMITS	PAVEMENT, SHOULDERS, SIGNS, GUIDE RAIL, DRAINAGE DITCH	0.10	0.20	TOWN OF AUGUSTA / VERNON	TOWN OF AUGUSTA / VERNON	HIGHWAY LAW SECTION 140
2	CULVERT	STA. S 12+50.31 TO STA. S 12+62.67	ALL CULVERT AND SCOUR PROTECTION	0.002	0.004	ONEIDA COUNTY	ONEIDA COUNTY	HIGHWAY LAW SECTION 140
CONTROL OF SNOW AND ICE								
3	SIMMONS ROAD	WITHIN PROJECT LIMITS	PAVEMENT, SHOULDERS	0.10	0.20	TOWN OF AUGUSTA / VERNON	TOWN OF AUGUSTA / VERNON	HIGHWAY SECTION LAW 140
UTILITIES								
4	SIMMONS ROAD	WITHIN PROJECT LIMITS	TELEPHONE / COMMUNICATIONS	-	-	-	CHARTER COM NORTHEAST CENTRAL NY	HIGHWAY SECTION LAW 140
5	SIMMONS ROAD	WITHIN PROJECT LIMITS	TELEPHONE / COMMUNICATIONS	-	-	-	TDS TELECOM VERNON	HIGHWAY SECTION LAW 140



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK
TOWN OF AUGUSTA, NY
TOWN OF VERNON, NY
COUNTY: ONEIDA REGION: 2

PIN 2754.83
ALL UTILITIES:
QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MAINTENANCE JURISDICTION
PLAN AND TABLE

CONTRACT NUMBER
D040977

DRAWING NO. MJP-01
SHEET NO. 11

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 B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. WAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

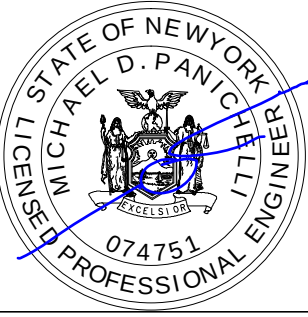
HORIZONTAL CONTROL TABLE									
CURVE NO.	POINT	HCL STATION	COORDINATES		TANGENT DIRECTION	TANGENT LENGTH (LF)	DELTA	RADIUS (LF)	CURVE LENGTH (LF)
			NORTHING	EASTING					
SIMMONS ROAD									
S1	POB	S 10+00.00	1102113.8597	1107414.6223	13°42'09.87"	132.9	-	-	-
	PC	S 11+32.86	1102242.9398	1107446.0952	-	-	7°35'00.56" L	1690.0	223.7
	PT	S 13+56.54	1102463.1239	1107484.5670	6°07'09.31"	190.2	-	-	-
	POE	S 17+62.00	1102866.2673	1107527.7876	6°07'09.31"	405.5	-	-	-
DIX BROOK									
SC1	POB	SC 10+00.00	1102438.1057	1107425.1958	218°07'08.24"	10.9	-	-	-
	PC	SC 10+10.88	1102429.5495	1107418.4824	-	-	31°29'48.22" L	70.0	38.5
	PT	SC 10+49.36	1102394.4113	1107404.0206	186°37'20.02"	2.2	-	-	-
SC2	PC	SC 10+51.60	1102392.1866	1107403.7623	-	-	88°41'43.99" L	7.0	10.8
	PT	SC 10+62.43	1102384.4463	1107409.7502	97°55'36.04"	14.3	-	-	-
SC3	PC	SC 10+76.73	1102382.4739	1107423.9156	-	-	15°35'04.91" R	50.0	13.6
	PT	SC 10+90.33	1102378.8007	1107436.9669	113°30'40.95"	76.4	-	-	-
SC4	PC	SC 11+66.69	1102348.3410	1107506.9815	-	-	23°00'06.53" R	20.0	8.0
	PT	SC 11+74.72	1102343.7651	1107513.5135	136°30'47.48"	3.2	-	-	-
SC5	PC	SC 11+77.95	1102341.4208	1107515.7372	-	-	26°33'57.83" L	15.0	7.0
	PT	SC 11+84.90	1102337.6434	1107521.5029	109°56'49.65"	10.1	-	-	-
SC6	PC	SC 11+95.03	1102334.1878	1107531.0246	-	-	8°33'12.28" L	70.0	10.5
	PT	SC 12+05.48	1102331.3678	1107541.0768	101°23'37.37"	7.2	-	-	-
SC7	PC	SC 12+12.72	1102329.9372	1107548.1759	-	-	23°21'03.22" R	10.0	4.1
	PT	SC 12+16.80	1102328.3513	1107551.8996	124°44'40.59"	18.9	-	-	-
	POE	SC 12+35.74	1102317.5553	1107567.4652	124°44'40.59"	18.9	-	-	-

ABBREVIATIONS	
POB	- POINT OF BEGINNING
PC	- BEGINNING POINT OF CURVATURE
PI	- TANGENT INTERSECTION
PT	- END POINT OF CURVATURE
POE	- POINT OF ENDING
HCL	- HORIZONTAL CONTROL LINE

TABLE OF LENGTHS		
LOCATION	¢ MI	LANE MI
SIMMONS ROAD	0.10	0.20

TABLE OF DELINEATORS AND MARKERS			
STATION	OFFSET	ITEM 646.22	ITEM 646.31
		EA	EA
STA. S 10+02.40	LT	1	1
STA. S 10+45.87	RT	1	1
STA. S 17+38.78	LT	1	1
STA. S 17+49.98	RT	1	1
TOTAL:		4	4

AFFIX SEAL: MJ Engineering
ON: 02.10.2026



REGISTRATION EXPIRES 10.31.2026

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK
TOWN OF AUGUSTA, NY
TOWN OF VERNON, NY
COUNTY: ONEIDA REGION: 2

PIN 2754.83
ALL UTILITIES:
QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D040977

MISCELLANEOUS TABLES

DRAWING NO. MST-01
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.



SIMMONS ROAD DRIVEWAY TABLE											
DRIVEWAY NO.	LOCATION		EXISTING MATERIAL	RT	W	L	R1	R2	ITEM NUMBER(S)	AREA (SF)	COMMENTS
	STATION	SIDE									
1	S 10+12.00	RT	ASPHALT	ASPHALT	12.0'	10.6'	6.0'	8.0'	203.02, 304.12, 608.020102	149	-

NOTES:

- DESIGNATIONS OF R1 AND R2 ARE BASED ON VIEWING THE DRIVEWAY FROM THE HCL.
- LENGTH OF DRIVEWAY IS MEASURED AT THE DRIVEWAY CENTERLINE.
- DRIVEWAYS SHALL BE 3" OF ITEM 608.020102 AND 6" OF ITEM 304.12.

DRIVEWAY TABLE LEGEND:

REPLACEMENT MATERIAL TYPE (RT)

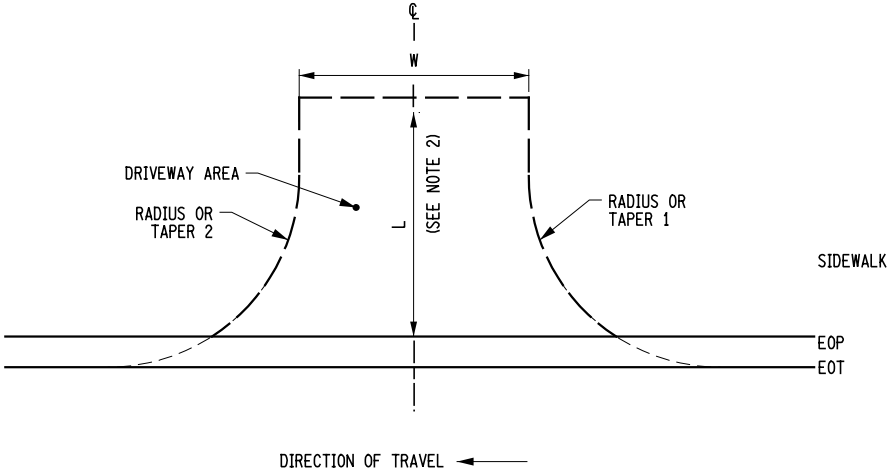
RC RECONSTRUCTION

W = WIDTH OF DRIVEWAY

L = DRIVEWAY PAVEMENT LENGTH

R1 = RADIUS 1

R2 = RADIUS 2



ASPHALT DRIVEWAY RECONSTRUCTION DETAIL

N.T.S.

GUIDE RAIL TABLE								
GUIDE RAIL RUN NO.	FROM STATION	TO STATION	SIDE	OFFSET (FT)	ITEM 606.10	ITEM 606.120101	ITEM 606.120201	ITEM 606.1203
					LF	EA	EA	EA
1	STA. S 10+00.00	STA. S 12+02.84	LT	13.0'	194	1	-	-
2	STA. S 10+49.00	STA. S 12+12.04	RT	13.0'	163	-	1	-
3	STA. S 13+01.61	STA. S 17+38.78	LT	13.0'	388	-	-	1
4	STA. S 12+94.63	STA. S 17+49.98	RT	13.0'	448	1	-	-
TOTAL					1,193	2	1	1

SAWCUT TABLE - ITEM 627.50140008		
STATION	LENGTH (LF)	DESCRIPTION
STA. S 10+00.00	30	REBATE
STA. S 14+90.00	35	REBATE
TOTAL	65	

ITEM

ITEM 203.02
ITEM 304.12
ITEM 606.10
ITEM 606.120101
ITEM 606.120201
ITEM 606.1203
ITEM 608.020102
ITEM 627.50140008
ITEM 646.22
ITEM 646.31

DESCRIPTION

UNCLASSIFIED EXCAVATION AND DISPOSAL
SUBBASE COURSE, TYPE 2
BOX BEAM GUIDE RAILING
BOX BEAM END PIECE
BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA
BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE III
ASPHALT SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS
CUTTING PAVEMENT
DELINEATOR, SNOWPLOWING MARKER, SUPPLEMENTARY SNOWPLOWING MARKER PANELS
STEEL POST, 1.1 LB / FT

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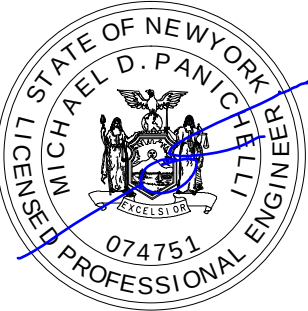
DESIGN SUPERVISOR B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. WAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

ITEM 209.13 - SILT FENCE - TEMPORARY		
NO.	DESCRIPTION OF LOCATION	TOTAL QUANTITY (LF)
1-1	STA. S 10+21 TO STA. S 10+56 RT	35
1-2	STA. S 10+49 TO STA. S 10+65 RT	17
1-3	STA. S 10+67 TO STA. S 11+50 RT	83
1-4	STA. S 11+46 TO STA. S 12+24 RT	69
2-1	STA. S 13+65 TO STA. S 13+88 LT	22
2-2	STA. S 13+81 TO STA. S 14+29 LT	48
3-1	STA. S 14+28 TO STA. S 14+50 LT	32
3-2	STA. S 14+56 TO STA. S 14+88 LT	32
TOTAL		338

ITEM 209.110102 - CHECK DAM (DITCH BOTTOM WIDTH > 3' TO 6'), STONE - TEMPORARY			
NO.	DESCRIPTION OF LOCATION	OFFSET/SIDE	TOTAL QUANTITY (EA)
1-1	STA. S 10+25.00	22.6' LT	1
2-1	STA. S 12+25.00	32.5' LT	1
TOTAL			2

ITEM 209.1801 - ROLLED EROSION CONTROL PRODUCT, CLASS I, TYPE A, SHORT TERM			
NO.	DESCRIPTION OF LOCATION	OFFSET	TOTAL QUANTITY (SY)
1-1	STA. S 10+21 TO STA. S 12+40	RT	199
1-2	STA. S 10+00 TO STA. S 12+50	LT	307
1-3	STA. S 10+00 TO STA. S 12+50	LT	170
2-1	STA. S 12+55 TO STA. S 14+90	RT	197
2-2	STA. S 12+70 TO STA. S 14+90	LT	156
TOTAL			1,029

ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE		
NO.	DESCRIPTION OF LOCATION	LENGTH (LF)
1-1	STA. S 10+00 TO STA. S 12+60 LT	260
1-2	STA. S 10+75 TO STA. S 12+35 RT	170
2-1	STA. S 12+54 TO STA. S 13+65 RT	132
2-2	STA. S 12+77 TO STA. S 13+35 LT	38
TOTAL		600

AFFIX SEAL: ON: MJ Engineering 02.10.2026	ALTERED BY: ON:
	
REGISTRATION EXPIRES 10.31.2026	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY					DRAWING NO. ECT-01 SHEET NO. 13
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					
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.						



1. ALL SLOPES SHALL BE BROUGHT TO FINISHED GRADE AND TRIMMED AS SOON AS POSSIBLE.
2. PERMANENT EROSION CONTROL MEASURES OF SEEDING AND MULCHING (SEED ONLY WITHIN SEEDING DATES) SHALL BE CARRIED OUT ONCE THE SLOPES HAVE REACHED FINAL GRADE. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE TEMPORARY SLOPE TREATMENT TABLE SHALL BE EMPLOYED AS INDICATED OR IN THE TEMPORARY MULCH NOTE.
3. FOR ADDITIONAL EROSION CONTROL INFORMATION AND INSTALLATION DETAILS, THE CONTRACTOR SHALL REFER TO SECTION 209 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SHEETS.

1. MAINTENANCE OF MULCHED AREAS SHALL INCLUDE RE-MULCHING OF AREAS IN WHICH SOIL BECOMES EXPOSED TO VIEW. ANY AREAS THAT BECOME SETTLED OR GULLIED DURING MULCHING OPERATIONS SHALL BE REPAIRED WITHIN 3 DAYS OR THE ONSET OF INCLEMENT WEATHER.
2. MULCH ANCHORAGE (TACK) SHALL BE APPLIED TO HOLD MULCH IN PLACE. THE COST OF ANCHORAGE SHALL BE INCLUDED UNDER ITEM 209.100101.
3. MAINTENANCE OF TEMPORARY SEEDED AREAS SHALL INCLUDE RE-SEEDING AS NEEDED (OR AOE) TO ESTABLISH A SATISFACTORY STAND OF TURF. THE COST OF RESEEDING SHALL BE AT THE CONTRACTOR'S EXPENSE.
4. ALL TEMPORARY TREATMENT SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE EROSION CONTROL MEASURE.
5. MAINTENANCE OF ROLLED EROSION CONTROL PRODUCT SHALL INCLUDE RE-GRADING OF AREAS THAT BECOME SETTLED OR GULLIED DURING INSTALLATION. ANY EDGES THAT BECOME LOOSE OR EXPOSED SHALL BE RE-INSTALLED.

1. UNDER NO CONDITION, SHALL ANY AREA OF UNPROTECTED ERODIBLE EARTH MATERIAL EXPOSED BY CLEARING AND GRUBBING, EXCAVATION, BORROW, FILL, OR OTHER WORK WITHIN THE R.O.W. BE LEFT IN AN UNPROTECTED CONDITION. ANY PORTION OF AN AREA ON WHICH CLEARING AND GRUBBING, EXCAVATION, BORROW, FILL, OR OTHER WORK WITHIN THE R.O.W. HAD PERMANENTLY CEASED SHALL BE STABILIZED, BY EITHER TEMPORARY OR PERMANENT MEANS. THE CONTRACTOR WILL ALSO BE AWARE OF IMPENDING WEATHER CONDITIONS AND THE NEED TO APPLY MULCH ON AREAS THAT WORK IS PROGRESSING IN ORDER TO MEET THE REQUIREMENTS OF SECTION 209.
2. THE CONTRACTOR MUST CONTINUALLY BE PREPARED TO REPAIR AND REMULCH DISTURBED SOIL AREAS TO PROVIDE NECESSARY COVERAGE TO LOCATIONS THAT HAVE BEEN DAMAGED BY STORMS OR EQUIPMENT. SHOULD THE ENGINEER DETERMINE AT ANY TIME THAT THE MULCH HAS NOT STABILIZED THE PROJECT AREA, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMULCHING AND ALL ADDITIONAL WORK NECESSARY TO CORRECT THE PROBLEM SHALL BE AT THE CONTRACTOR'S EXPENSE. THIS WORK WILL BE REQUIRED FOR ALL AREAS ASSOCIATED WITH THE PROJECT AND WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN THE SAME STANDARDS FOR ALL OFF SITE AREAS ASSOCIATED WITH THE PROJECT. THE COST OF THAT WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
3. MULCHING IS THE PRIMARY EROSION PREVENTION METHOD TO BE USED, AND WAS INCLUDED IN THE PROJECT TO SATISFY THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS, LAWS, REGULATIONS AND/OR OTHER PERMIT CONDITIONS NEEDED TO COMPLETE THE WORK PROPOSED IN THIS PROJECT. MULCHING PLAYS A MAJOR ROLE IN MAINTAINING THE WATER QUALITY OF WATER BODIES AND WETLANDS. MULCH SHALL BE APPLIED AT A RATE OF APPROXIMATELY 2 TONS/ACRE AND SHOULD CONSIST OF HIGH QUALITY STRAW PRODUCTS. MATERIAL REQUIREMENTS FOR STRAW FOUND IN SECTION 713-19 IN THE STANDARD SPECIFICATIONS (CURRENT EDITION).
4. THE CONTRACTOR'S ATTENTION SHALL BE DRAWN TO THE ENTIRE SECTION 209 - TEMPORARY SOIL EROSION AND SEDIMENT CONTROL SPECIFICATIONS, AS THEY WILL BE STRICTLY ADHERED TO DURING THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL DESIGNATE TO THE ENGINEER AN EROSION AND SEDIMENT CONTROL SUPERVISOR WITH ADEQUATE TRAINING, EXPERIENCE, AND AUTHORITY TO IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES AS PER THE REQUIREMENTS OF SECTION 209 AND ALL ASSOCIATED FEDERAL AND STATE LAWS AND REGULATIONS. THIS INDIVIDUAL WILL BE RESPONSIBLE FOR MONITORING IMPENDING WEATHER CONDITIONS THAT MAY HAVE AN EFFECT ON DAILY CONSTRUCTION OPERATIONS AND THE NEED TO PROVIDE THE REQUIRED EROSION AND SEDIMENT CONTROLS.

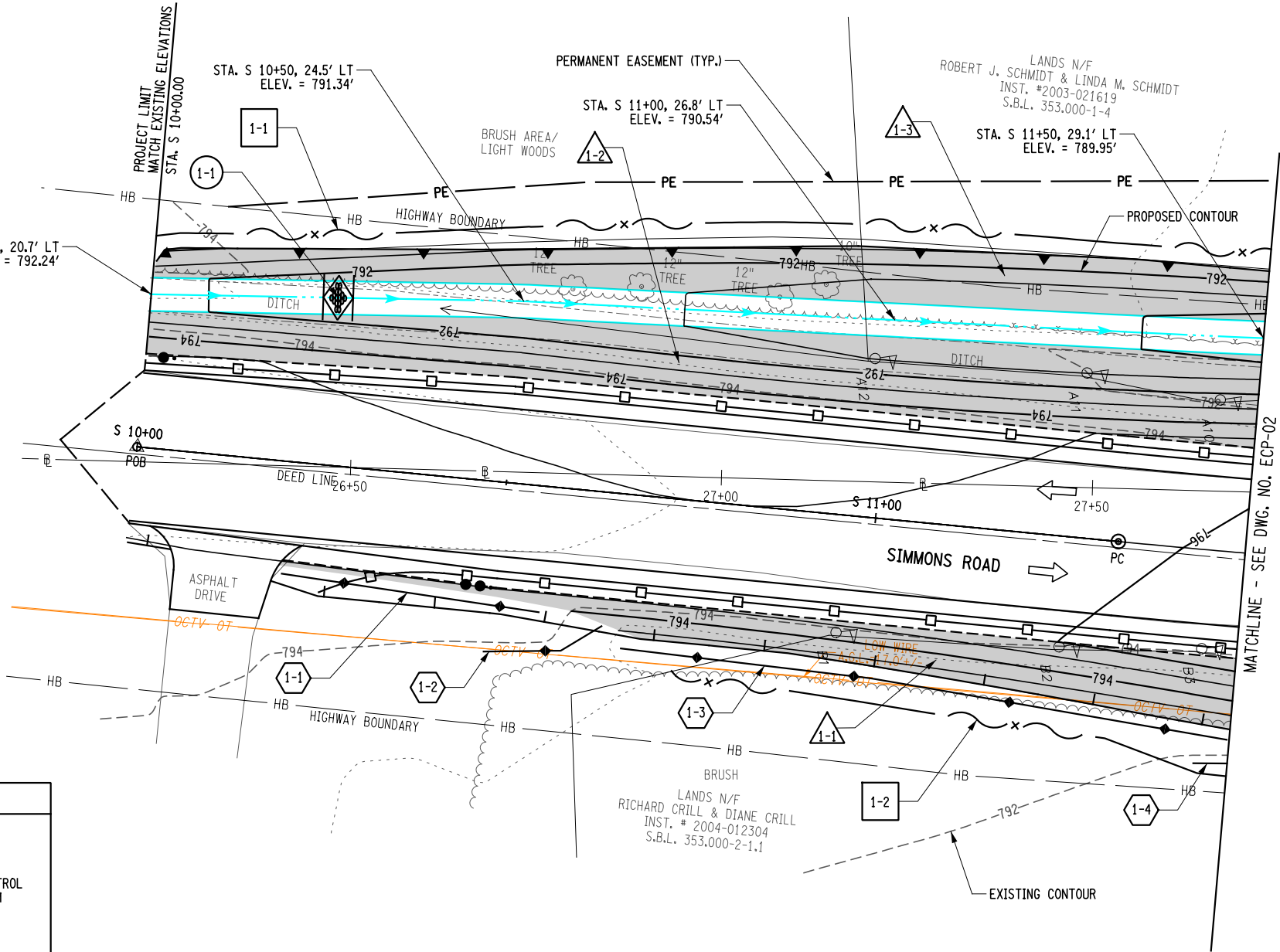
- SEED AND MULCH ALL DISTURBED AREAS.
- FINAL GRADE SLOPES AND PLACE TURF ESTABLISHMENT MATERIAL.

AFFIX SEAL: MJ Engineering ON: 02.10.2026		ALTERED BY: ON:													
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK		PIN 2754.83		BRIDGES		CULVERTS		ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D040977	
				TOWN OF AUGUSTA, NY		ALL UTILITIES: QUALITY LEVEL C								EROSION AND SEDIMENT CONTROL DETAILS AND NOTES	
TOWN OF VERNON, NY															
REGISTRATION EXPIRES 10.31.2026		COUNTY: ONEIDA		REGION: 2		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 = F:\m\1559\Design\1559\1559_01.dgn
DATE/TIME = 2/10/2026 9:22:48 AM
USER = deekert

DESIGN SUPERVISOR B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. WAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

EROSION CONTROL LEGEND	
	ITEM 209.13 - SILT FENCE
	ITEM 209.1801 - ROLLED EROSION CONTROL PRODUCT, CLASS I TYPE A, SHORT TERM
	ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE
	ITEM 209.110102 - CHECK DAM, DITCH BOTTOM WIDTH > 3' TO 6', STONE-TEMPORARY



NOTES:

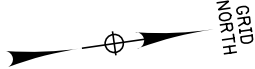
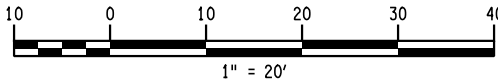
1. SEE DWG. NO. TYP-01 FOR ROADWAY TYPICAL SECTIONS.
2. SEE DWG. NOS. GNP-01 THRU GNP-03 FOR THE GENERAL PLANS.
3. SEE DWG. NO. PRO-01 FOR ROADWAY PROFILE AND BANKING DIAGRAM.
4. SEE ECT-01 FOR EROSION AND SEDIMENT CONTROL TABLE AND NOTES.
5. SEE ECD-01 FOR EROSION AND SEDIMENT CONTROL DETAILS.

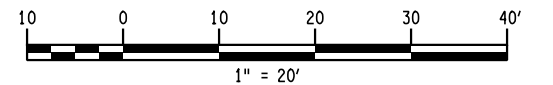
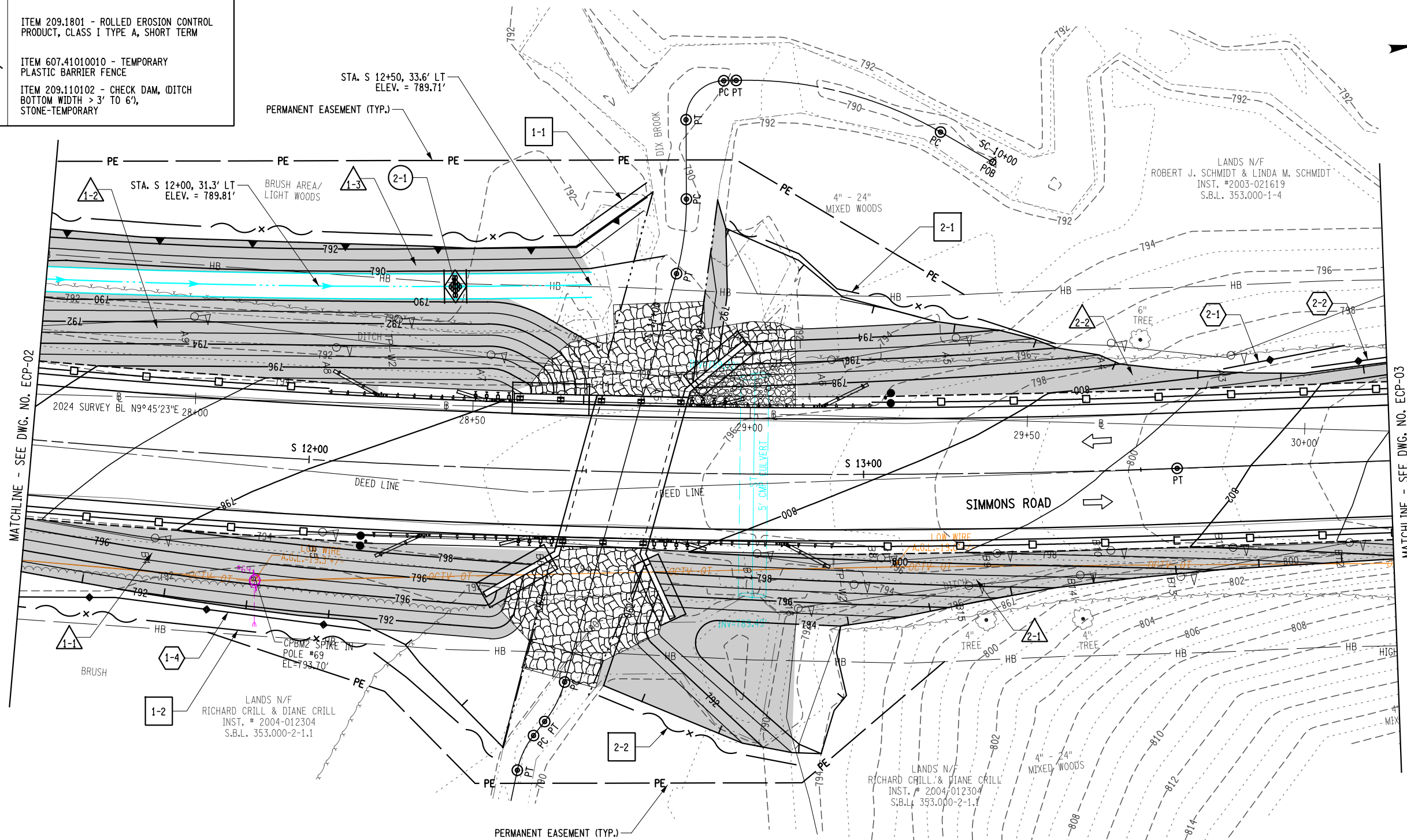
AFFIX SEAL: MJ Engineering
ON: 02.10.2026

ALTERED BY:
ON:

REGISTRATION EXPIRES 10.31.2026

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY	ALL UTILITIES: QUALITY LEVEL C			GRADING AND EROSION SEDIMENT CONTROL PLAN	DRAWING NO. ECP-01 SHEET NO. 15
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					
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.						

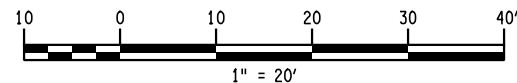
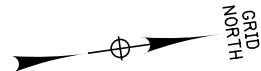
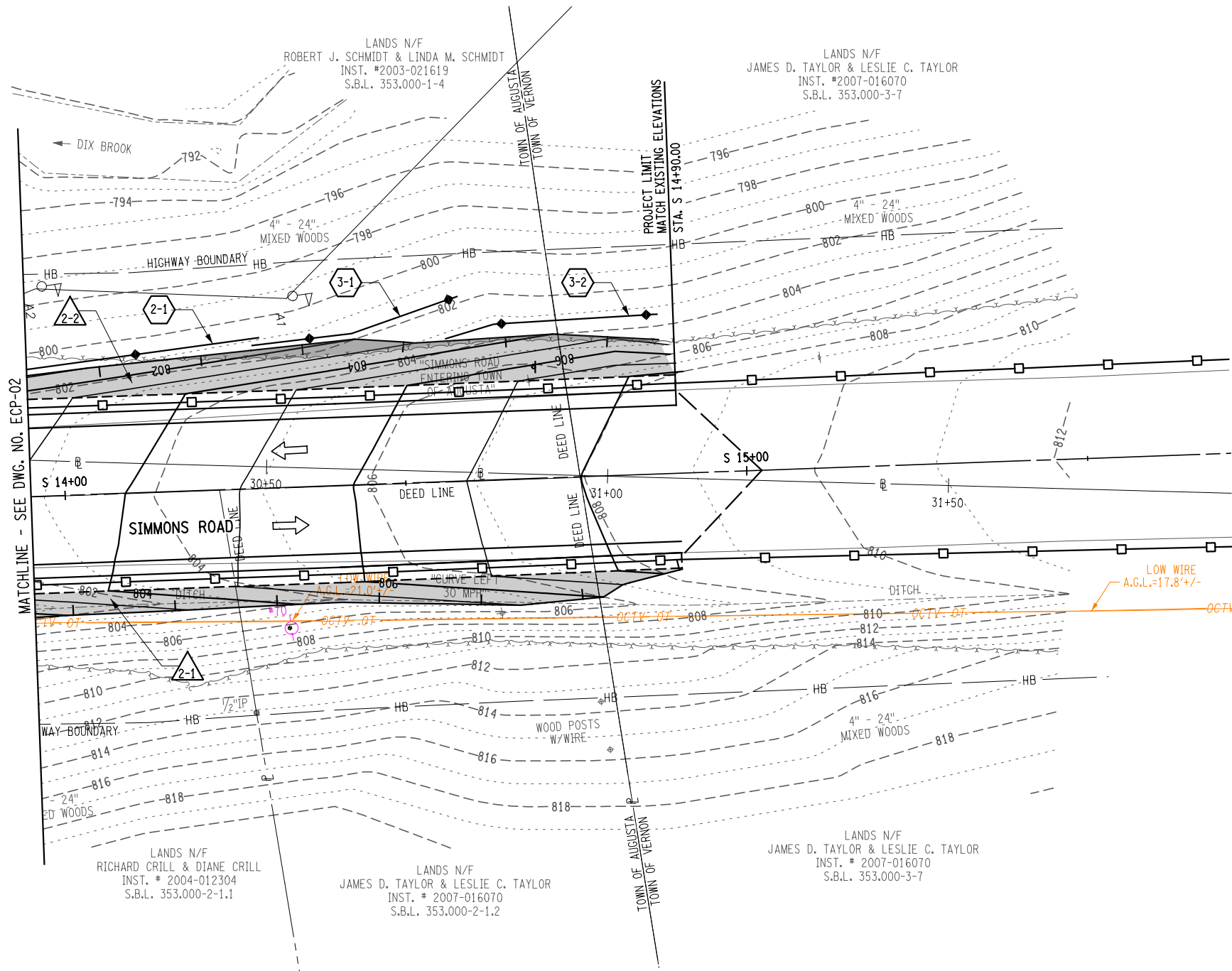




SHEET NO. 16

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





AFFIX SEAL: MJ Engineering
ON: 02.10.2026



REGISTRATION EXPIRES 10.31.2026

ALTERED BY:
ON:

NOTES:

1. SEE DWG. NO. ECP-01 FOR NOTES.

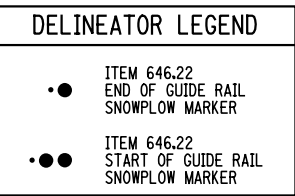
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY				GRADING AND EROSION SEDIMENT CONTROL PLAN	DRAWING NO. ECP-03 SHEET NO. 17
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					

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.

100010203040'

1" = 20'





NOTES:

- | |
|---|
| AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS: |
|---|

PIN 2754.83
ALL UTILITIES: QUALITY LEVEL C

CUI VERTS

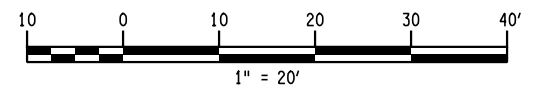
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D040977

GENERAL PLAN

DRAWING NO. GNP-01
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.

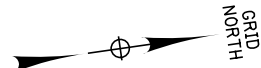


AFFIX SEAL: MJ Engineering
ON: 02.10.2026

ALTERED BY:
ON:

REGISTRATION EXPIRES 10.31.2026





1" = 20'



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DATE/TIME = 2/10/2026 9:22:55 AM
USER = deekert

DESIGN SUPERVISOR B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. WAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

LEGEND

FLOW OF TRAFFIC

ITEM 201.06
TREE CLEARING LIMITS

PERMANENT WETLAND
IMPACT AREA

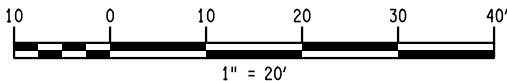
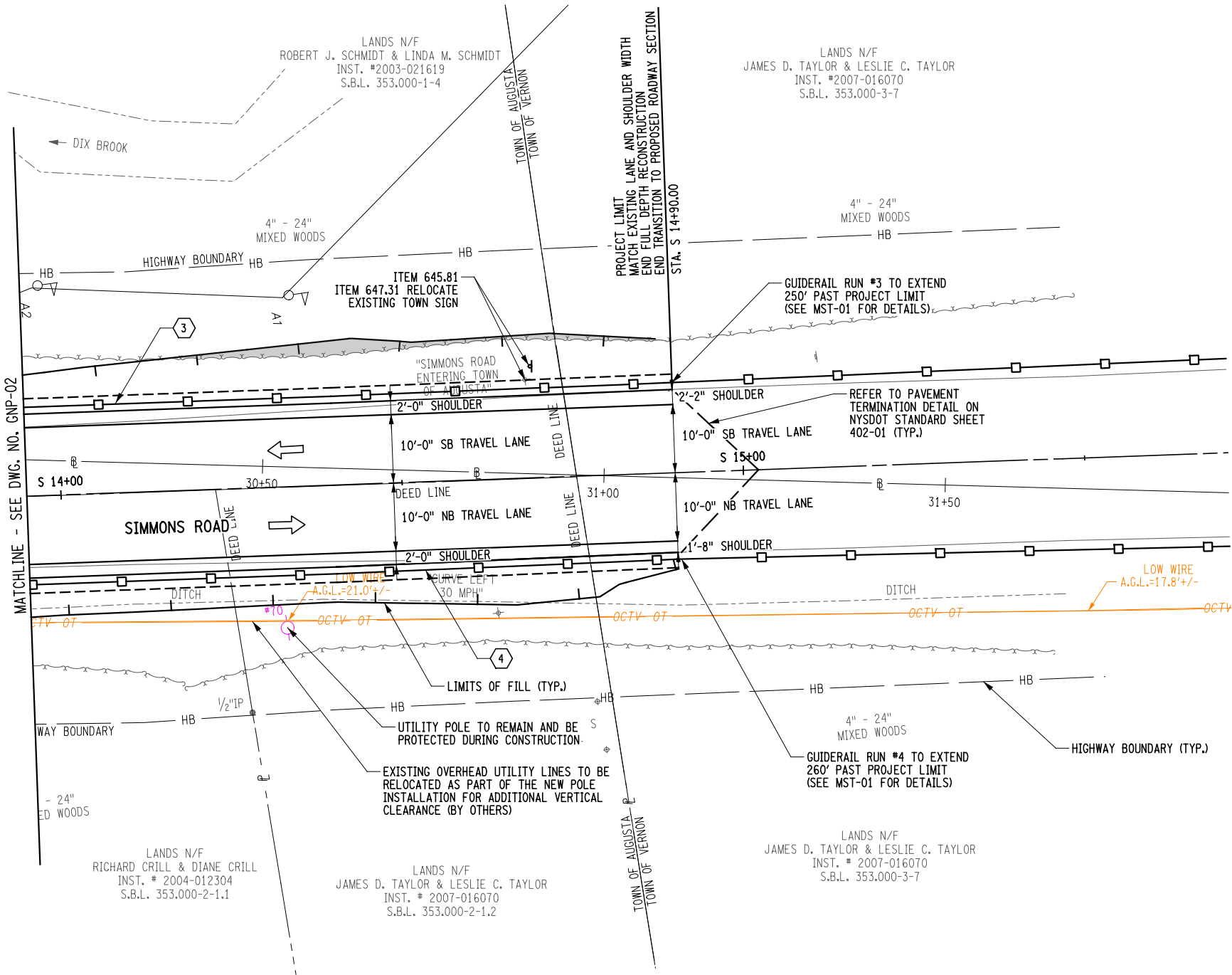
TEMPORARY WETLAND IMPACT
AREA

GUIDERAIL RUN NO.

DELINEATOR LEGEND

ITEM 646.22
END OF GUIDE RAIL
SNOWPLOW MARKER

ITEM 646.22
START OF GUIDE RAIL
SNOWPLOW MARKER



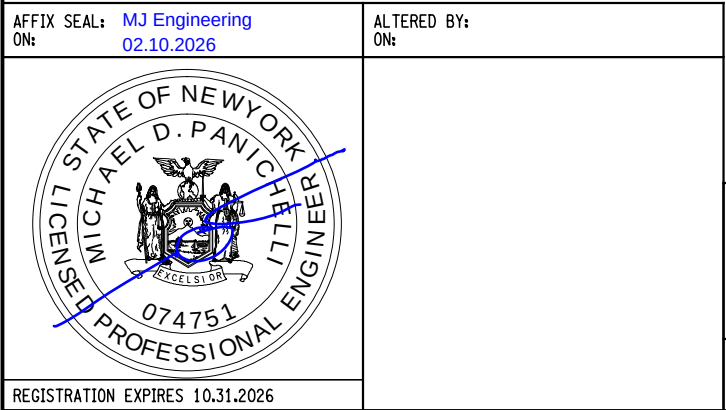
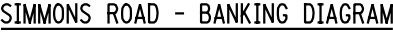
AFFIX SEAL: MJ Engineering
ON: 02.10.2026

ALTERED BY:
ON:

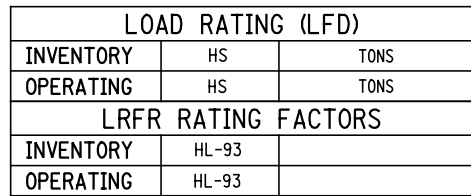
NOTES:

1. SEE DWG. NO. GNP-01 FOR NOTES.

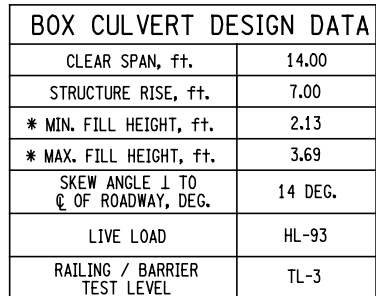
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY				GENERAL PLAN	DRAWING NO. GNP-03 SHEET NO. 20
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA					
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.						



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY	ALL UTILITIES: QUALITY LEVEL C			SIMMONS ROAD PROFILE	DRAWING NO. PRO-01 SHEET NO. 21
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					
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.						



PLAN
E: 1" = 20'-0"



1. FOR TYPICAL SECTION, SEE DWG. NO. CUL-02.
2. FOR VERTICAL CURVE DATA, SEE DWG. NO. PRO-01.
3. FOR HORIZONTAL DATA, SEE DWG. NO. GNP-01 AND GNP-02.
4. FOR SUBSURFACE BORING LOGS, SEE DWG. NO. CUL-05 TO CUL-06.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY				CULVERT GENERAL PLAN AND ELEVATION	DRAWING NO. CUL-01 SHEET NO. 22
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					
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.						

QUANTITY TABLE		
DESCRIPTION	UNIT	QUANTITY
CONCRETE BOX CULVERT, 14 FOOT SPAN, 7 FOOT RISE	LF	28.0

QUANTITY TABLE

DESCRIPTION	UNIT	QUANTITY
CONCRETE BOX CULVERT, 14 FOOT SPAN, 7 FOOT RISE	LF	28.0

1'-8" 2'-0" SHLDR 10'-0" TRAVEL LANE 10'-0" TRAVEL LANE 2'-0" SHLDR 1'-8"

5.0% 5.0%

STA. LINE & C. OF SIMMONS ROAD.

T.G.L.

ITEM 407.0103

VARIES 3'-1" - 3'-5"

DHW EL. 795.19

17'-7"

STONE FILLING (MEDIUM), ITEM 620.04 (TYP.)

LOW FLOW EL. 791.48

2'-0" STONE FILLING (MEDIUM), ITEM 620.04

9" BEDDING MATERIAL, ITEM 620.0801 (TYP.)

5'-0" (TYP.)

1.5" ITEM 404.0983 2.5" ITEM 404.1989 4.0" ITEM 404.3789 12" ITEM 304.12

25'-0" MAX.

INVERT EL. 791.98 (TYP.)

4" DIA. WEEP HOLE (TYP.)

FLOW

7'-0" RISE 5'-7"

0.55% SLOPE

1'-5" OF NATIVE STREAMBED MATERIAL, ITEM 613.04000001

1'-0" CRUSHED MATERIAL, ITEM 623.12

1'-0" SUBBASE COURES, TYPE 2, ITEM 304.12 (TYP.)

GEOTEXTILE BEDDING, ITEM 207.20

CUT-OFF WALL (TYP.), SEE DETAIL THIS SHEET

PROPOSED STEEL BRIDGE RAILING (FOUR RAIL), ITEM 568.51

C.I.P. CONCRETE HEADWALL

SELECT STRUCTURAL FILL, ITEM 203.21

PRECAST CONCRETE BOX CULVERT, ITEM 603.63140715

3'-0"

24'-9"

DHW EL. 792.05

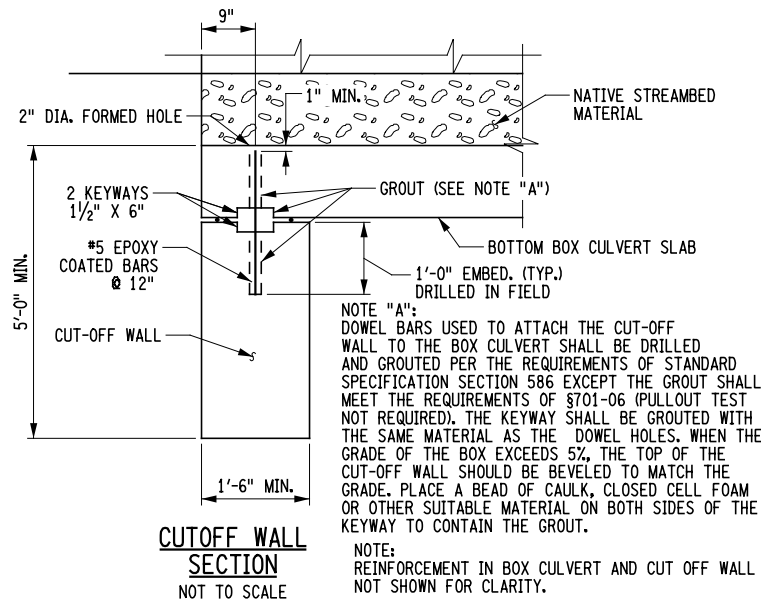
OUTLET INVERT EL. 789.49

APPROXIMATE EXISTING STREAMBED

SCALE: $\frac{3}{16}" = 1'-0"$

GEOTECHNICAL WINGWALL DESIGN DATA						
FRICITION ANGLE OF SOIL RETAINED BY THE WALL (DEGREES)	FRICITION ANGLE OF FOUNDATION SOIL (DEGREES)	TOTAL SOIL UNIT WEIGHT (lb/ft ³)	MAXIMUM SERVICE LIMIT STATE BEARING RESISTANCE (lb/ft ²)	NOMINAL COEFFICIENT OF FRICTION FOR SLIDING	STRENGTH LIMIT STATE RESISTANCE FACTOR FOR SLIDING	STRENGTH LIMIT STATE RESISTANCE FACTOR FOR BEARING
32	37	138	3,000	0.479	0.90	0.45

1. FOR THE SLIDING AND ECCENTRICITY ANALYSES, ASSUME A GROUND WATER ELEVATION OF 791.48 FEET.
2. FOR THE BEARING ANALYSES, ASSUME A GROUNDWATER ELEVATION OF 791.48 FEET.
3. USE SUBMERGED UNIT WEIGHTS BELOW THE GROUNDWATER ELEVATIONS PROVIDED.
4. ASSUME A SURCHARGE LOAD OF 250 POUNDS PER SQUARE FOOT.



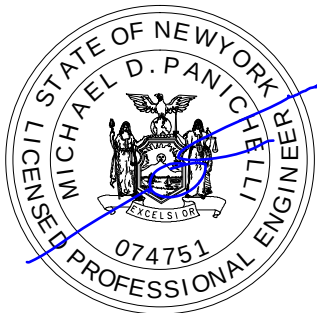
CUTOFF WALL
SECTION
NOT TO SCALE

- NOTES:

1. THE LENGTH OF EACH CULVERT SEGMENT SHALL BE DETERMINED BY THE CONTRACTOR. IF STAGED CONSTRUCTION IS EMPLOYED, THE PRECAST BOX CULVERT SEGMENT LENGTH MUST BE COMPATIBLE WITH STAGING REQUIREMENTS.
2. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1".
3. WINGWALLS AND FOOTINGS NOT SHOWN FOR CLARITY.
4. FOR GENERAL PLAN AND ELEVATION, SEE DWG. NO. CUL-01.
5. THE TYPICAL APPROACH SECTION SHALL MATCH THE HIGHWAY TYPICAL SECTION, SEE DWG. NO. TYP-01 FOR DETAILS.
6. ALL COSTS ASSOCIATED WITH CUTOFF WALL PLACEMENT SHALL BE PAID FOR UNDER ITEM 603.64140715.

AFFIX SEAL: MJ Engineering
ON: 02.10.2026

ALTERED BY:
ON:



REGISTRATION EXPIRES 10.31.2026

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK

TOWN OF AUGUSTA, NY

TOWN OF VERNON, NY

COUNTY: ONEIDA

REGION: 2

PIN 2754.83

ALL UTILITIES:
QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

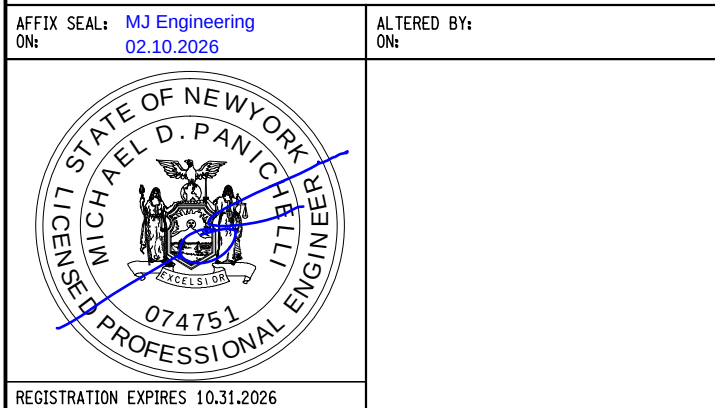
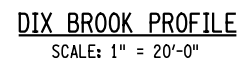
TYPICAL BRIDGE AND APPROACH SECTION

CONTRACT NUMBER
D040977

DRAWING NO. CUL-02
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.





AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY				STREAM PROFILE	DRAWING NO. CUL-03 SHEET NO. 24
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					
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: Alseny Diop, P.E. ON: 2/11/2026	ALTERED BY: ON:
	
REGISTRATION EXPIRES 06.30.2026	

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 NUMBER B-1		
Renaissance Geotechnical Engineering, PLLC 3049 Hamburg Street Schenectady, NY 12303 Telephone: 518-902-9222				PAGE 2 OF 2		
CLIENT MJ ENGINEERING AND LAND SURVEYING, PC				PROJECT NAME PIN2754.83 MJ1559 Simmons Road Culvert		
PROJECT NUMBER 24.0017				PROJECT LOCATION Simmons Road, Oneida County, New York		
DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY % (ROD)	BLOW COUNTS (N VALUE)	Test Results and Remarks	U.S.C.S. GRAPHIC LOG	MATERIAL DESCRIPTION
30	SS 16	75	9-18-45-49 (63)	LL = 23 PL = 18 Fines = 44% Sand = 32%, Gravel = 24%	SC-SM	(SC-SM) (TILL) Silty, Clayey SAND with Gravel dense to very dense, dark brown, dry (<i>continued</i>)
	SS 17	70	34-39-28- 50/5"			
35						
	RB SS 18	0	50/1"			SHALE hard, highly fractured, moderately weathred, dark gray
	RB					
40						
	RC 19	90 (8)				Bottom of borehole at 44.0 feet.
						762.5
						752.0

BORING NUMBER B-2
PAGE 2 OF 2

Renaissance Geotechnical Engineering, PLLC
3049 Hamburg Street
Schenectady, NY 12303
Telephone: 518-902-9222

CLIENT MJ ENGINEERING AND LAND SURVEYING, PC PROJECT NAME PIN2754.83 MJ1559 Simmons Road Culvert

PROJECT NUMBER 24.0017 PROJECT LOCATION Simmons Road, Oneida County, New York

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	Test Results and Remarks	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
30							
	SS 16	67	27-38-41- 49 (79)				(SC-SM) (TILL) Silty, Clayey SAND with Gravel dense to very dense, dark brown, dry (<i>continued</i>)
	SS 17	54	24-32-47- 48 (79)				
35	SS 18	58	51-57-60- 62 (117)				
	RB						SHALE hard, highly fractured, moderately weathereed, dark gray
40	RC 19	68 (0)					
45							Bottom of borehole at 45.0 feet.

36.0

45.0

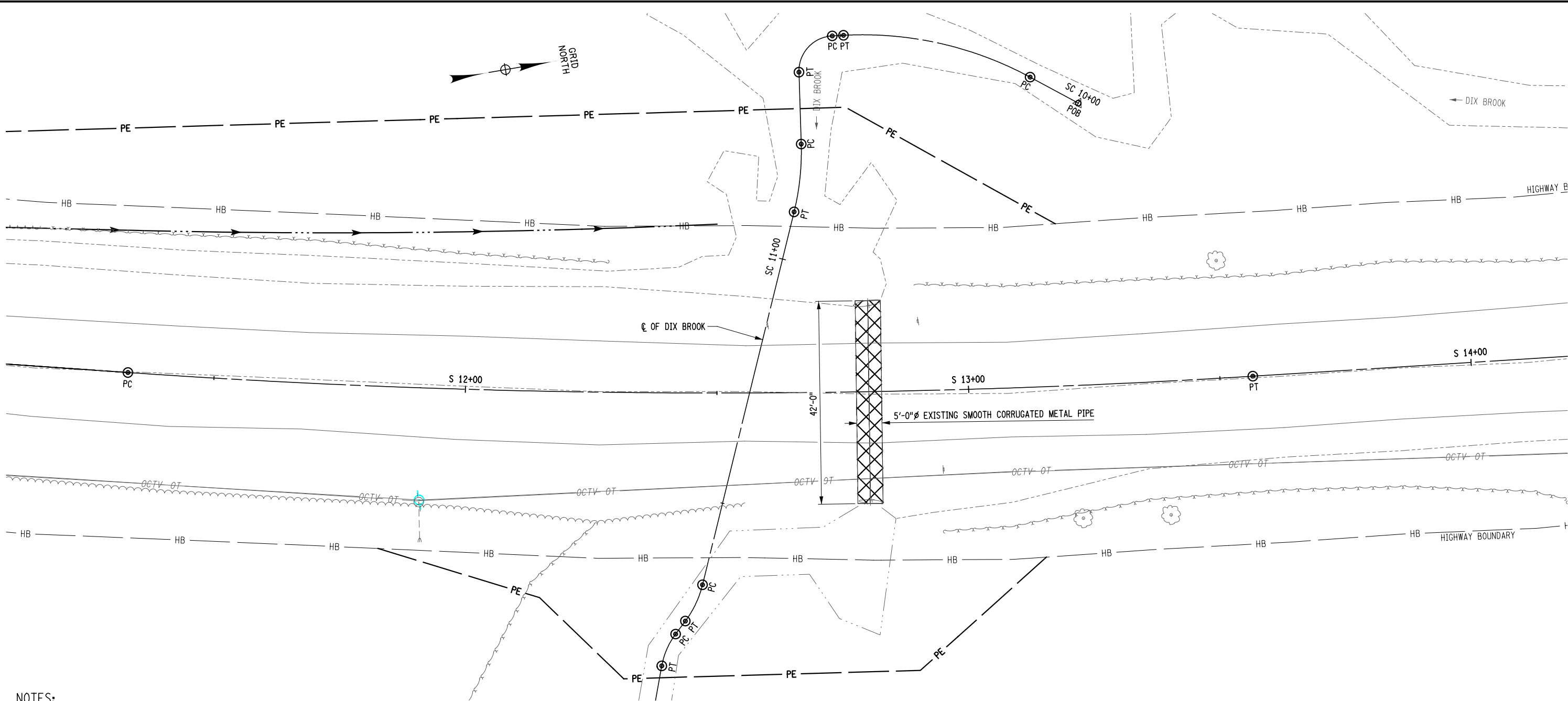
761.0

752.0



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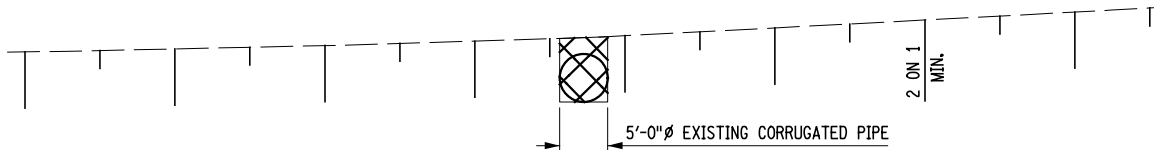
DESIGN SUPERVISOR B. COOPER
JOB MANAGER D. ECKERT
DESIGN K. DIX / C. DETRICK
CHECK M. WAINWRIGHT
DRAFTING N. DIEHL
CHECK D. ROSE
PROJECT MANAGER D. ECKERT



NOTES:

-  - REMOVAL OF EXISTING SMOOTH CORRUGATED METAL PIPE (ITEM 206.0201).
- DEMOLITION OF EXISTING STRUCTURE SHALL NOT OCCUR UNTIL THE FULL DETOUR IS INSTALLED.
- DEMOLITION WORK SHALL BE RESTRICTED TO THE HOURS OF 6 AM TO 6 PM.
- RECORD PLANS ARE NOT AVAILABLE FOR THE EXISTING STRUCTURE. THE REMOVAL LIMITS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ACTUAL REMOVAL LIMITS.
- THE EXISTING CMP MAY BE USED TO DIVERT THE WATER DURING CONSTRUCTION OF THE BOX CULVERT PRIOR TO REMOVAL.

PLAN
SCALE: 1" = 20'-0"



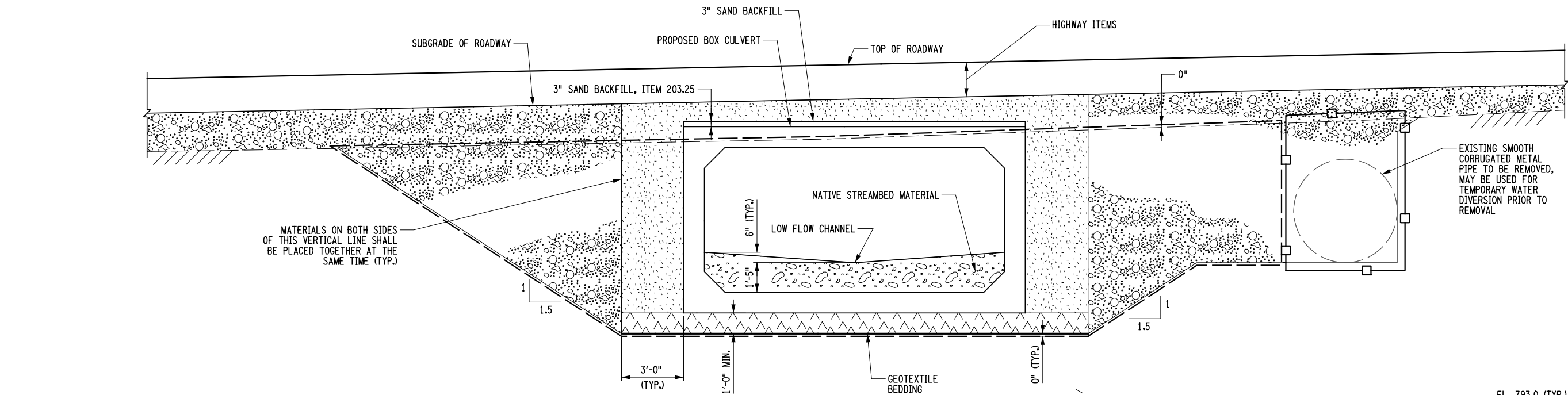
ELEVATION
SCALE: 1" = 20'-0"

AFFIX SEAL: ON: MJ Engineering 02.10.2026	ALTERED BY: ON:
	
REGISTRATION EXPIRES 10.31.2026	

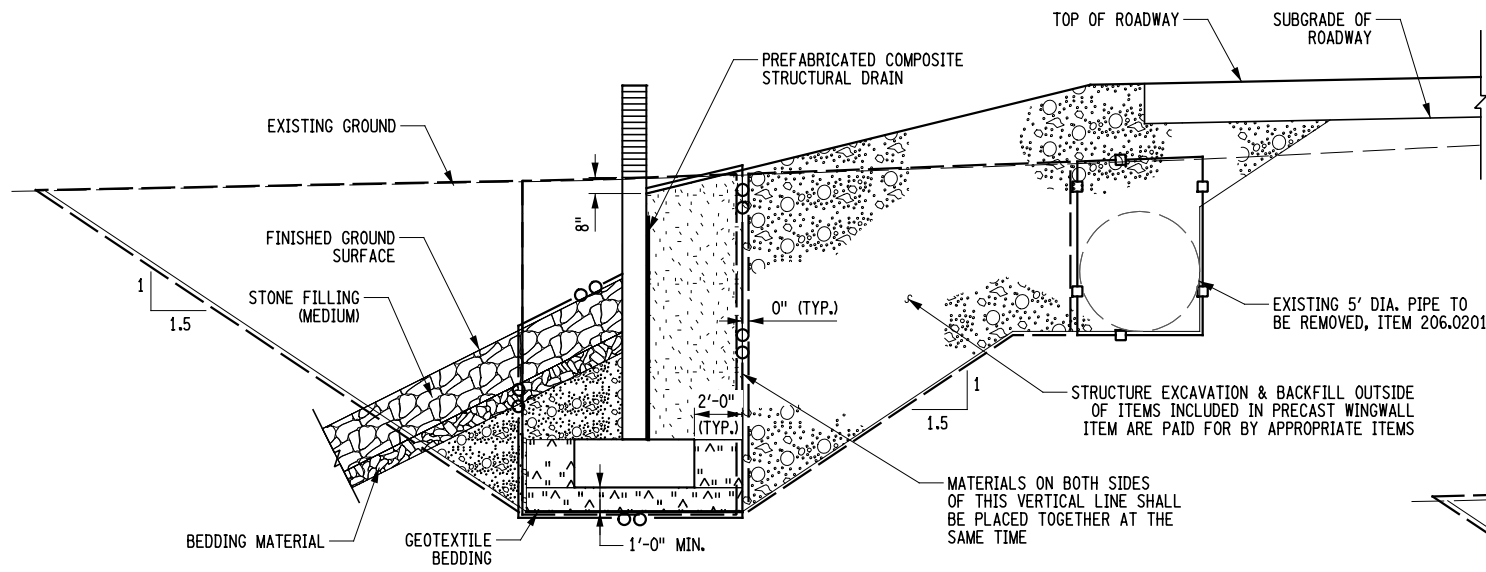
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY	ALL UTILITIES: QUALITY LEVEL C				DRAWING NO. CUL-07 SHEET NO. 28
TOWN OF VERNON, NY					REMOVAL PLAN AND ELEVATION	
COUNTY: ONEIDA		REGION: 2				
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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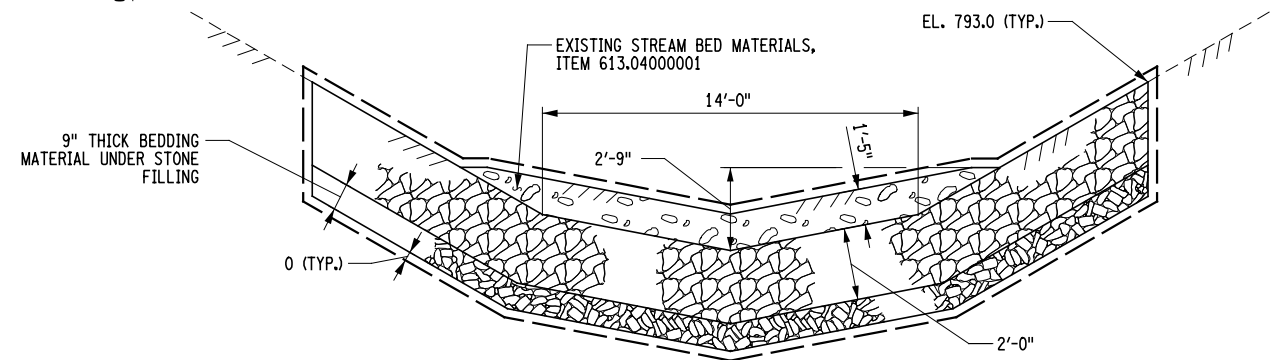
DESIGN SUPERVISOR B. COOPER
JOB MANAGER D. ECKERT
DESIGN K. DIX / C. DETRICK
CHECK M. WAINWRIGHT
DRAFTING N. DIEHL
CHECK D. ROSE
PROJECT MANAGER D. ECKERT



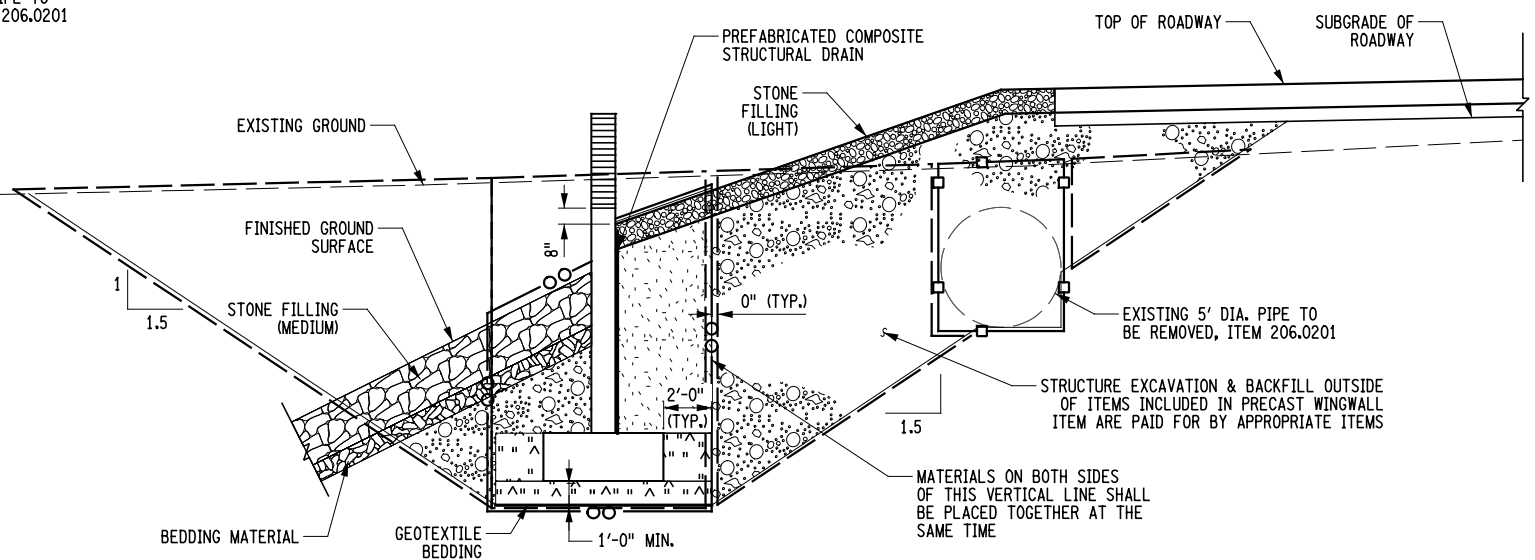
SECTION C-C
SCALE: 3/16" = 1'-0"



SECTION D-D
SCALE: 1/8" = 1'-0"



STONE APRON AT STRUCTURE OUTLET
NOT TO SCALE



SECTION E-E
SCALE: 1/8" = 1'-0"

NOTES:

- FOR EXCAVATION AND EMBANKMENT ITEMS LEGEND, SEE CUL-08.
- FOR EXCAVATION AND EMBANKMENT PLAN SEE DWG. NO. CUL-08.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK
TOWN OF AUGUSTA, NY
TOWN OF VERNON, NY
COUNTY: ONEIDA
REGION: 2

PIN 2754.83
ALL UTILITIES:
QUALITY LEVEL C

BRIDGES

CULVERTS

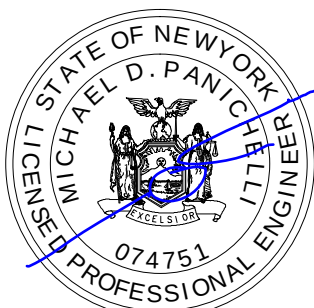
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

EXCAVATION SECTIONS

CONTRACT NUMBER
D040977

DRAWING NO. CUL-09
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.

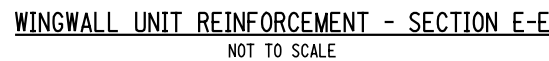


AFFIX SEAL: MJ Engineering
ON: 02.10.2026

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ON:

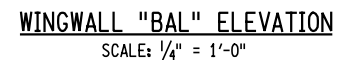
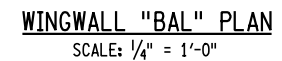
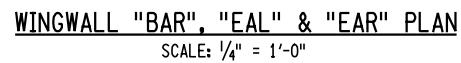
REGISTRATION EXPIRES 10.31.2026





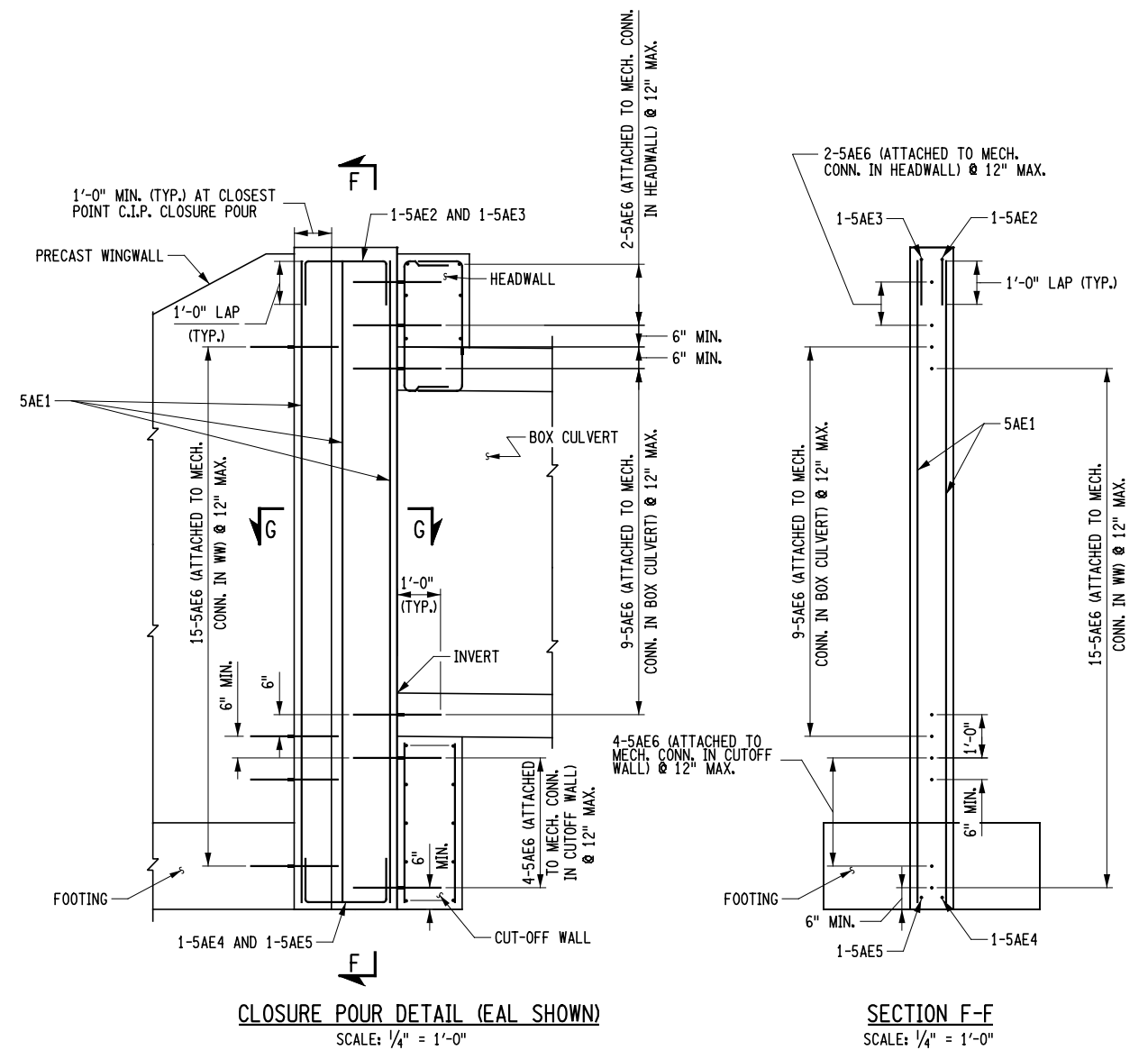
WINGWALL DATA			
LOCATION	WINGWALL "BAR"	WINGWALL "EAL"	WINGWALL "EAR"
ELEVATION A	799.50	798.60	799.82
ELEVATION B	795.67	794.67	794.67
ELEVATION C	783.07	783.22	783.07
DIMENSION X	1'-0"	1'-0"	1'-0"
DIMENSION Y	12'-9"	11'-3"	10'-7"
DIMENSION Z	14'-1"	12'-7"	11'-11"

1. * - DIMENSIONS DETERMINE BY CONTRACTOR.
2. FOR CLOSURE POUR DETAILS, SEE DWG. NO. CUL-11.
3. TALL WALLS MAY USE A DOWEL BAR LAPPED TO A VERTICAL BAR.
4. BAR SIZE AND SPACING TO BE DETERMINED BY CONTRACTOR. COVER FOR PRECAST CONCRETE SHALL BE 1".
5. ACTUAL WALL THICKNESS, EXCEPT "BAL", AND FOOTING DIMENSIONS TO BE DETERMINED BY CONTRACTOR. "BAL" IS TO BE DESIGNED FOR COLLISION AND TO SUPPORT THE BRIDGE RAILING.
6. BASED ON HANDLING AND SHIPPING CONSTRAINTS, THE CONTRACTOR MAY ELECT TO USE MULTIPLE WINGWALL UNITS TO SATISFY WALL LENGTH REQUIRED ON THE PLANS. THE JOINT DETAIL BETWEEN WINGWALL UNITS SHALL BE IN ACCORDANCE WITH DETAILS PRESENTED ON DWG. NO. CUL-12.
7. TEMPERATURE/SHRINKAGE REINFORCEMENT PROVIDED SHALL BE CHECKED BY THE CONTRACTOR TO BE IN COMPLIANCE WITH THE CURRENT DESIGN SPECIFICATIONS.
8. PRECAST CANTILEVER WINGWALL IS SHOWN AS AN EXAMPLE. CONTRACTOR MAY ELECT TO USE A PRECAST BINWALL WINGWALL SYSTEM.



QUANTITIY TABLE			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
603.67000001	PRECAST CONCRETE WINGWALL UNITS FOR BOX CULVERTS	SY	72.0

AS-BUILT REVISIONS: DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY				WINGWALL DETAILS	DRAWING NO. CUL-10 SHEET NO. 31
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					
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- NOTES:
1. FOR SECTION G-G, SEE DWG. NO. CUL-12.
 2. ACTUAL CULVERT WALL, TOP SLAB AND BOTTOM SLAB THICKNESS, REINFORCEMENT SIZE AND SPACING TO BE DETERMINED BY CONTRACTOR.
 3. WHERE EPOXY COATED THREADED INSERTS ARE SHOWN, ANY NON-CORROSIVE MECHANICAL CONNECTOR MEETING §709-10 MAY BE USED AS AN ALTERNATIVE.
 4. ALL REINFORCEMENT COVER ON CAST IN PLACE CONCRETE SHALL BE 2" UNLESS NOTED OTHERWISE.
 5. ALL REINFORCEMENT COVER ON PRECAST UNITS SHALL BE 1" UNLESS NOTED OTHERWISE.
 6. ALL COSTS ASSOCIATED WITH CLOSURE POUR PLACEMENT SHALL BE PAID FOR UNDER ITEM 603.67000001.



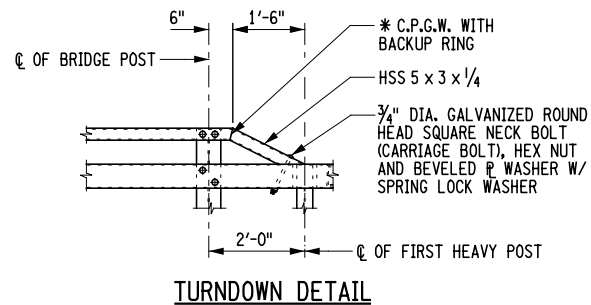
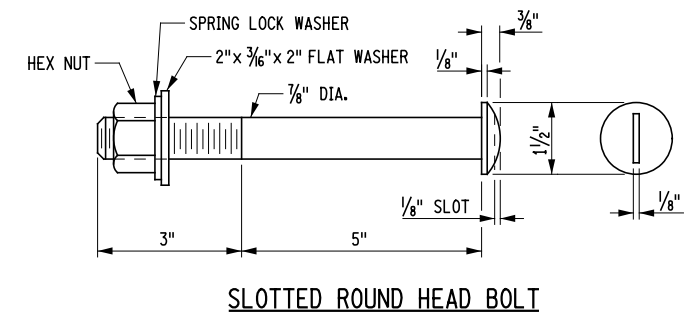
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ON:

DRAWING NO. CUL-11
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.



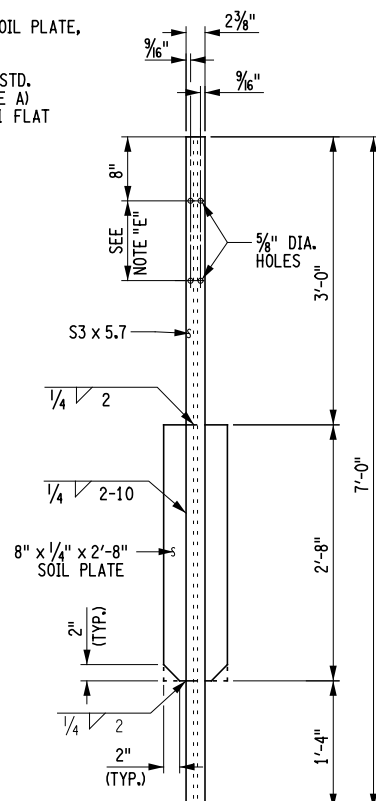




AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK	PIN 2754.83 ALL UTILITIES: QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D040977
	TOWN OF AUGUSTA, NY				RAILING DETAILS (1 OF 3)	
	TOWN OF VERNON, NY					
	COUNTY: ONEIDA REGION: 2					

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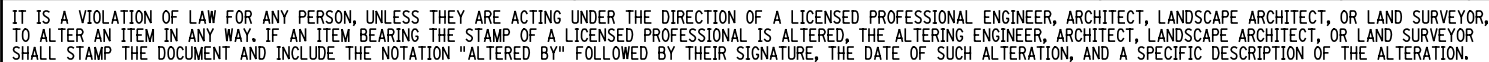


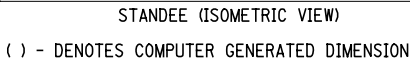
TRANSITION POST DETAIL

SHEET NO. 35

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







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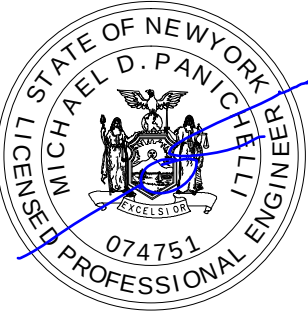
DESIGN SUPERVISOR B. COOPER JOB MANAGER D. ECKERT DESIGN K. DIX / C. DETRICK CHECK M. WAINWRIGHT DRAFTING N. DIEHL CHECK D. ROSE PROJECT MANAGER D. ECKERT

MARK	NO.	LENGTH	TYPE	SIZE	WEIGHT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R
CLOSURE POURS																					
5AE1	6	15.042	N1	5	94.13															15' ½"	
5AE2	1	3.792	17	5	3.96		1' 0"	1' 9 ½"	1' 0"												
THE FIRST 0'-11" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 0'-11" THE REMAINDER OF 'C' ANGLES UP 35 DEGREES.																					
5AE3	1	4.395	17	5	4.58		1' 0"	2' 4 ¾"	1' 0"												
THE FIRST 1'-3 ½" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 1'-3 ½" THE REMAINDER OF 'C' ANGLES UP 35 DEGREES.																					
5AE4	1	3.792	17	5	3.96		1' 0"	1' 9 ½"	1' 0"												
THE FIRST 0'-11" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 0'-11" THE REMAINDER OF 'C' ANGLES UP 35 DEGREES.																					
5AE5	1	4.395	17	5	4.58		1' 0"	2' 4 ¾"	1' 0"												
THE FIRST 1'-3 ½" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 1'-3 ½" THE REMAINDER OF 'C' ANGLES UP 35 DEGREES.																					
5AE6	30	1.000	N1	5	31.29															1' 0"	
THE LAST 2" OF 'O' SHALL BE THREADED																					
5AE7	6	16.417	N1	5	102.74															16' 5"	
5AE8	1	3.729	17	5	3.89		1' 0"	1' 8 ¾"	1' 0"												
THE FIRST 0'-10" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 0'-10" THE REMAINDER OF 'C' ANGLES UP 40 DEGREES.																					
5AE9	1	4.042	17	5	4.22		1' 0"	2' ½"	1' 0"												
THE FIRST 0'-11" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 0'-11" THE REMAINDER OF 'C' ANGLES UP 40 DEGREES.																					
5AE10	1	3.729	17	5	3.89		1' 0"	1' 8 ¾"	1' 0"												
THE FIRST 0'-10" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 0'-10" THE REMAINDER OF 'C' ANGLES UP 40 DEGREES.																					
5AE11	1	4.042	17	5	4.22		1' 0"	2' ½"	1' 0"												
THE FIRST 0'-11" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 0'-11" THE REMAINDER OF 'C' ANGLES UP 40 DEGREES.																					
5AE12	32	1.000	N1	5	33.38															1' 0"	
THE LAST 2" OF 'O' SHALL BE THREADED																					
5AE13	7	16.090	N1	5	117.47															16' 1"	
5AE14	1	3.841	17	5	4.01		1' 0"	1' 10"	1' 0"												
THE FIRST 0'-11 ¼" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 0'-11 ¼" THE REMAINDER OF 'C' ANGLES DOWN 45 DEGREES.																					
5AE15	1	4.542	17	5	4.74		1' 0"	2' 6 ½"	1' 0"												
THE FIRST 1'-4 ½" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 1'-4 ½" THE REMAINDER OF 'C' ANGLES DOWN 45 DEGREES.																					
5AE16	1	3.841	17	5	4.01		1' 0"	1' 10"	1' 0"												
THE FIRST 0'-11 ¼" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 0'-11 ¼" THE REMAINDER OF 'C' ANGLES DOWN 45 DEGREES.																					
5AE17	1	4.542	17	5	4.74		1' 0"	2' 6 ½"	1' 0"												
THE FIRST 1'-4 ½" OF 'C' ARE ALONG THE SAME PLANE AS 'B'. AFTER 1'-4 ½" THE REMAINDER OF 'C' ANGLES DOWN 45 DEGREES.																					
5AE18	32	1.000	N1	5	33.38															1' 0"	
THE LAST 2" OF 'O' SHALL BE THREADED																					
5AE19	4	14.687	N1	5	61.27															14' 8 ¼"	
5AE20	2	3.022	17	5	6.30		1' 0"	1' ¾"	1' 0"												
5AE21	2	2.688	17	5	5.61		1' 0"	0' 8 ¾"	1' 0"												
5AE22	30	1.000	N1	5	31.29															1' 0"	
THE LAST 2" OF 'O' SHALL BE THREADED																					
					568	TOTAL EPOXY BARS IN CLOSURE POURS															

MARK	NO.	LENGTH	TYPE	SIZE	WEIGHT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R	
HEADWALLS																						
5HE1	10	16.147	N1	5	168.41															16' 1 3/4'		
5HE2	18	4.333	17	5	81.35		0' 10"	3' 4"														
								VARY 'C' 3' - 4" TO 3' - 8"														
								THE LAST 2" OF 'C' SHALL BE THREADED														
5HE3	18	4.416	17	5	82.91		0' 10"	3' 5"														
								VARY 'C' 3' - 5" TO 3' - 9"														
								THE LAST 2" OF 'C' SHALL BE THREADED														
5HE4	6	16.147	N1	5	101.05															16' 1 3/4'		
5HE5	18	3.104	17	5	58.28		0' 10"	2' 1 1/4"														
								VARY 'C' 2' - 1 1/4" TO 2' - 5 1/4"														
								THE LAST 2" OF 'C' SHALL BE THREADED														
5HE6	18	3.042	17	5	57.10		0' 10"	2' 1/2"														
								VARY 'C' 2' - 0 1/2" TO 2' - 4 1/2"														
								THE LAST 2" OF 'C' SHALL BE THREADED														
					550	TOTAL EPOXY BARS IN HEADWALLS																
					1,118	TOTAL EPOXY BARS																

AFFIX SEAL: MJ Engineering
ON: 02.10.2026

ALTERED BY:
ON:



REGISTRATION EXPIRES 10.31.2026

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

REPLACEMENT CULVERT - SIMMONS ROAD OVER DIX BROOK
TOWN OF AUGUSTA, NY
TOWN OF VERNON, NY
COUNTY: ONEIDA
REGION: 2

PIN 2754.83
ALL UTILITIES:
QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D040977

DRAWING NO. CUL-17
SHEET NO. 38

BAR LIST

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.

