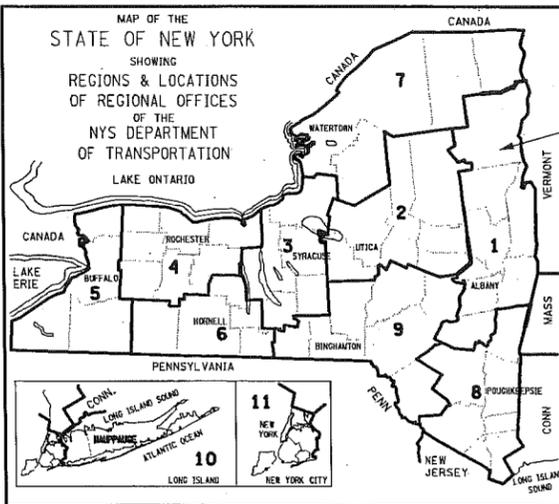


PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



ESSEX COUNTY
 DEPARTMENT OF PUBLIC WORKS

BLUE RIDGE ROAD (CR 84)
 PAVEMENT PRESERVATION

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

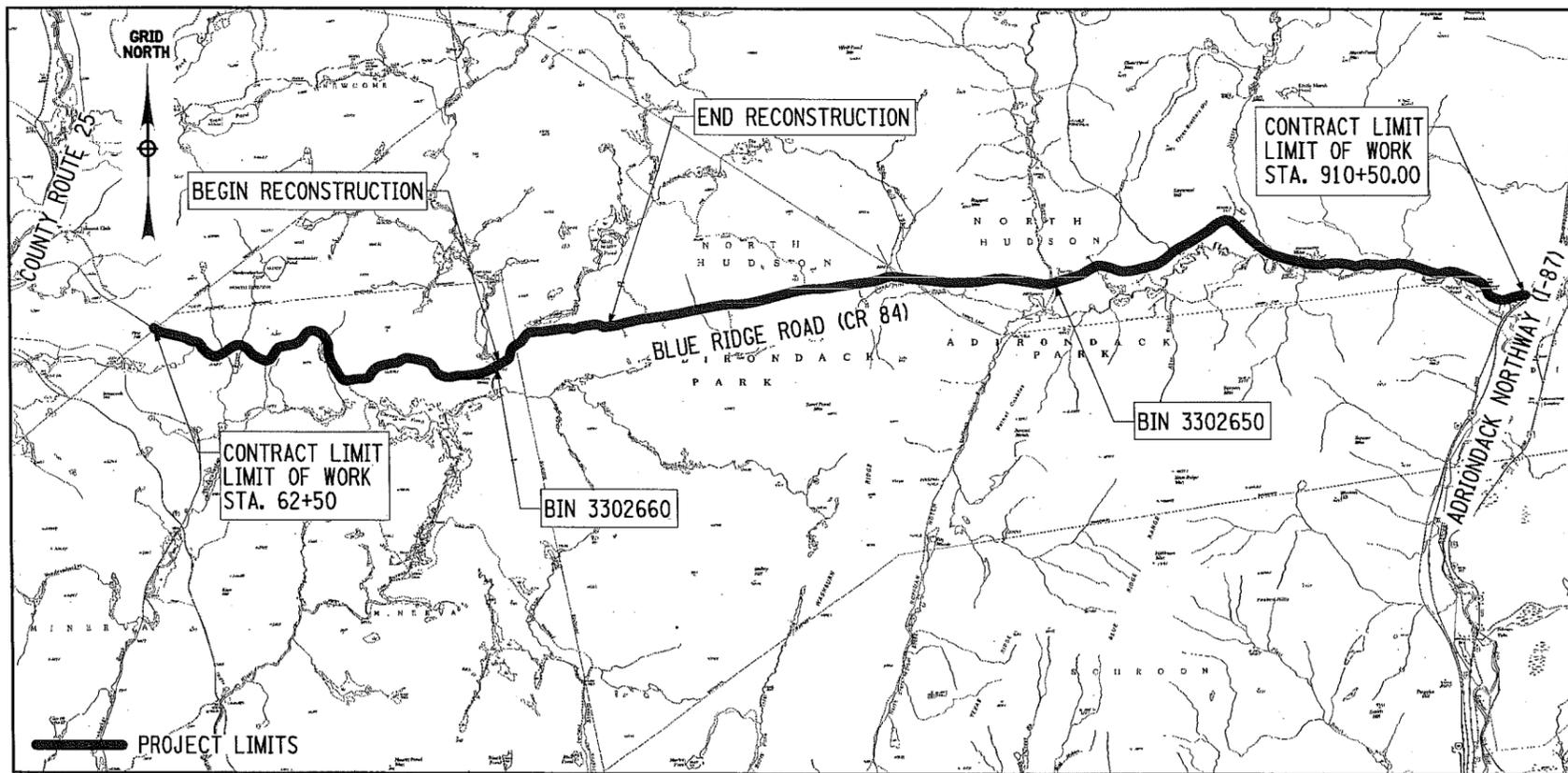
ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (AS CUSTOMARY) REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL."

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYS DOT POLICIES AND GUIDELINES AND THE FINAL DESIGN REPORT APPROVED ON 01/07/2016

CONTRACT D034909

ESSEX COUNTY

CONTRACTOR'S NAME	_____
AWARD DATE	_____
COMPLETION DATE	_____
FINAL ACCEPTANCE DATE	_____
ENGINEER IN CHARGE	_____
FINAL COST TOTAL	_____



PROJECT LOCATION
 NOT TO SCALE

PREPARED AND RECOMMENDED BY:



Edmund W. Snyder
 EDMUND W. SNYDER, P.E., HIGHWAY DESIGN
 PROJECT MANAGER

Christopher C. Cornwell
 CHRISTOPHER C. CORNWELL, P.E., QA/QC
 ASSISTANT VICE PRESIDENT

GPI
 GREENMAN-PEDERSEN, INC.
 CONSULTING ENGINEERS
 80 WOLF ROAD, SUITE 300
 ALBANY, NY 12205

BLUE RIDGE ROAD (COUNTY ROUTE 84)		
ESSEX COUNTY		
FED. ROAD REG. NO.	STATE	SHEET NO.
1	N.Y.	1
CAPITAL PROJECT IDENTIFICATION NO. 1759.99		
INDEX ON SHEET NO. 2		

APPROVED BY
Christopher Carrow
 CHRISTOPHER CARRON, SUPERINTENDENT
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE _____

ALIGNMENT			LANDSCAPE			ROADWAY			UTILITIES		
STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION
	AC	CONTROL (CENTERLINE)		LABL	AREA, BRUSH LINE		RCZ_P	CLEAR ZONE		UC	CONDUIT, UNDERGROUND
	AD_P	DETOUR		LAHR	AREA, HEDGE ROW		RG	GUIDE RAIL, MISCELLANEOUS		UCH	CONDUIT, HANGING
	AT_P	TRANSITION CONTROL		LAPB	AREA, PLANTING BED		RGB	GUIDE RAIL, BOX BEAM		UCO	CONDUIT, OVERHEAD
BRIDGE				LAWA	AREA, WOODED AREA OUTLINE		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN		UE	ELECTRIC LINE, UNDERGROUND
	BR	RAIL		LAWC	AREA, WATERS EDGE		RGC	GUIDE RAIL, CABLE		UEH	ELECTRIC LINE, HANGING
	BSHT	SHEET PILING		LCUT_P	CUT LIMIT		RGCN	GUIDE RAIL, CONCRETE BARRIER		UEO	ELECTRIC LINE, OVERHEAD
CONTROL				LFILL_P	FILL LIMIT		RGP_P	GUIDE POST		UETO	ELECTRIC TRANSMISSION, OVERHEAD
	CB	BASELINE		LFNC	FENCE		RGW	GUIDE RAIL, W BEAM		UESS	ELECTRIC, SUBSTATIONS
	CBPR	BASELINE, PROJECTION		LTRC	TREE ROW, CONIFEROUS		RGWM	GUIDE RAIL, W BEAM, MEDIAN		UF0	FIBER OPTIC, UNDERGROUND
DRAINAGE				LTRD	TREE ROW, DECIDUOUS		RBP	PARKING BUMPER		UFOH	FIBER OPTIC, HANGING
	DCP	CULVERT PIPE		LWH	WALL, H PILE		RRC	RAIL ROAD, CATENARY		UFOO	FIBER OPTIC, OVERHEAD
	DCP_P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRER	RAIL ROAD, 3RD RAIL		UG	GAS, UNDERGROUND
	DDG_P	DITCH, GRASS LINED		LWS	WALL, STONE		RRPLS_P	RAIL, PHOTO, LARGE SCALE		UGH	GAS, HANGING
	DDP_P	DITCH, PAVED INVERT	ROW MAPPING				RRPSS	RAIL, PHOTO, SMALL SCALE		UGO	GAS, OVERHEAD
	DDS_P	DITCH, STONE LINED		MDL	DEED LINE		RRS	RUMBLE STRIP		UIC	INFORM CABLE, UNDERGROUND
	DFL_P	FLOW LINE		MEE	EASEMENT, EXISTING		RRSLP	RAIL, SURVEY, LARGE SCALE		UICH	INFORM CABLE, HANGING
	DSSD	SLOTTED DRAIN		MEP_P	EASEMENT, PERMANENT		RRSS	RAIL, SURVEY, SMALL SCALE		UO	OIL LINE, UNDERGROUND
	DUD_P	UNDERDRAIN		MEPA_P	EASEMENT, PERMANENT, APPROX.	SIGNS				UOH	OIL LINE, HANGING
ENVIRONMENTAL				MET_P	EASEMENT, TEMPORARY		SBLB	BILLBOARDS		UPBP	POLE, BRACE, PUSH BRACE
	EBLHS	BALE, STRAW		META_P	EASEMENT, TEMPORARY, APPROX.		SM	MULTIPLE POST		UPGW	POLE, GUY WIRE
	ECT	CURTAIN, TURBIDITY		MFA_P	FEE ACQUISITION, W/ ACCESS		SSO	STRUCTURE, OVERHEAD		USA	SANITARY SEWER, UNDERGROUND
	EDMC	DAM, COFFER TYPE		MFA_P	FEE ACQUISITION, APPROXIMATE		SSOC	STRUCTURE, OVHD, CANTILEVER		USAH	SANITARY SEWER, HANGING
	EDMEC_P	DAM, EARTHEN, CHECK		MFS_P	FEE ACQUISITION, SHAPE	STRIPING				USAF	SANITARY SEWER, FORCE MAIN, UGND
	EDMPC_P	DAM, PREFAB, CHECK		MFWOA_P	FEE ACQUISITION, W/O ACCESS		STB	BROKEN LINE		USAFH	SANITARY SEWER, FORCE MAIN, HANG
	EDMSC_P	DAM, STONE, CHECK		MHA	HISTORICAL, ACQUISITION		STDB	DOUBLE BROKEN LINE		UT	TELEPHONE, UNDERGROUND
	EFNS	FENCE, SILT		MHB	HIGHWAY BOUNDARY		STDL	DOTTED LINE LONG		UTH	TELEPHONE, HANGING
	EFNSV	FENCE, SILT & VEGETATION		MHBA	HIGHWAY BOUNDARY, APPROX.		STDS	DOTTED LINE SHORT		UTO	TELEPHONE, OVERHEAD
	EFNV	FENCE, VEGETATION		MHBW	HWY BOUNDARY, FACE OF WALL		STFB	FULL BARRIER LINE		UTV	CABLE TV, UNDERGROUND
	EWAA_P	WETLAND, ADJACENT AREA		MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STFH	HATCH LINE		UTVH	CABLE TV, HANGING
	EWF	WETLAND, FEDERAL		MJC	JURISDICTION, CITY		STHP	PARTIAL BARRIER LINE		UTVO	CABLE TV, OVERHEAD
	EWF	WETLAND, FEDERAL AND STATE		MJC	JURISDICTION, COUNTY		STRCT	ROUNDAABOUT, CAT TRACKS		UU	UNKNOWN, UNDERGROUND
	EWM	WETLAND, MITIGATION AREA		MJHD	JURISDICTION, HISTORIC DISTRICT		STRYL	ROUNDAABOUT, YIELD LINE		UUH	UNKNOWN, HANGING
	EWS	WETLAND, STATE		MJLL	JURIS., (GREAT, MILITARY) LOT LINE		STSB	STOP BAR		UUO	UNKNOWN, OVERHEAD
				MJN	JURISDICTION, NATION		STSE	SOLID, EDGE		UW	WATER LINE, UNDERGROUND
				MJPB	JURISDICTION, PUBLIC LANDS		STXL	X WALK, LADDER LINE		UWH	WATER LINE, HANGING
				MJS	JURISDICTION, STATE	TRAFFIC CONTROL				UWO	WATER LINE, OVERHEAD
				MJT	JURISDICTION, TOWN		TCSW	SIGNAL, SPAN WIRE			
				MJV	JURISDICTION, VILLAGE	TRAFFIC WORK ZONE					
				MPL	PROPERTY LOT LINE		TWZBT_P	BARRIER, TEMPORARY			
				MPLA	PROPERTY LOT LINE, APPROXIMATE		TWZBTWL_P	BARRIER, TEMPORARY, W/ WARNING LIGHTS			
				MSL	SUB LOT LINE		TWZCD_P	CHANNELIZING DEVICE			
							TWZPMRC_P	PAVEMENT MARKING REMOVAL OR COVERING			

- NOTES**
1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
 2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
 3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
 4. PROPOSED FEATURE SYMBOLOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOLOGY 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 SYMBOLOLOGY (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.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					DRAWING NO. LEG-1 SHEET NO. 3
	COUNTY: ESSEX	REGION: 1	LEGEND & SYMBOLOLOGY GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS			
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.						

ALIGNMENT			DRAINAGE			ITS			ROW MAPPING			SIGNS			UTILITIES		
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION
⊗	ACC	CENTER OF CURVATURE	+	DINV	INVERT	⊕	IANT_P	ANTENNAS	⊕	MDL1P	DEED LINE, TYPE 1	⊕	S	SINGLE POST	⊕	UEB	ELECTRIC, BOX
+	ACOGO	COGO	▬	DS	STRUCTURE, RECTANGULAR	⊕	IASCTS	ACCOU. SPEED/COUNT SNSR.S	⊕	MDL2P	DEED LINE, TYPE 2	⊕	S_P	SINGLE POST, PROPOSED	⊕	UEM	ELECTRIC, METER
⊗	ACS	CURVE TO SPIRAL	+	DSI	STRUCTURE, INVERT	⊕	ICABPAD	CABINET & PAD	⊕	MDL3P	DEED LINE, TYPE 3	⊕	SB_P	BACK TO BACK, PROPOSED	⊕	UEMH	ELECTRIC, MANHOLE
△	ADPI_P	DETOUR, POINT OF INTERSECT.	⊕	DSM	STRUCTURE, MANHOLE	⊕	ICCTV	CCTV SITE	⊕	MDL4P	DEED LINE, TYPE 4	⊕	SDEL	DELINEATORS	⊕	UEPT	ELECTRIC, POLE, TRANS.
⊕	ADPL_P	DETOUR, POINT ON LINE	⊕	DSMTXX_P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96	⊕	ICDPD	CDPD TRANSCEIVER	⊕	MDL5P	DEED LINE, TYPE 5	⊕	SPM	PARKING METER	⊕	UGM	GAS, METER
⊕	AEQN	EQUATION	⊕	DSR	STRUCTURE, ROUND	⊕	ICELLT	CELL PHONE TOWER	⊕	MEEP	EASEMENT, EXISTING	⊕	SRM	REFERENCE MARKERS	⊕	UGMH	GAS, MANHOLE
⊕	AEQNAHD	EQUATION AHEAD	⊕	DST"X"CB_P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R	⊕	ICJB	CONDUIT JACK OR BORING	⊕	MEPAP_P	EASEMENT, PERM., APPROX.	⊕	SRSC3	SHLD, CTY, 123 DIG.	⊕	UGLM	GAS, LINE MARKER
⊕	AEQNBK	EQUATION BACK	⊕	DST"X"CB_P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R	⊕	ICNTLCAB	CONTROLLER CABINET	⊕	MEPP_P	EASEMENT, PERM., BACK LINE	⊕	SRSC4	SHLD, CTY, 4 DIG.	⊕	UGP	GAS/FUEL PUMP
⊕	AEVT	EVENT STATION	⊕	DST"X"CB_P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R	⊕	ICPB	COMMUNICATION PULL BOX	⊕	MEPSP_P	EASEMENT, PERM., SHAPE	⊕	SRSC2	SHLD, CTY TOUR, 1-2 DIG.	⊕	UGV	GAS, VALVE
⊕	APC	POINT OF CURVATURE	⊕	DST"X"CB_P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R	⊕	ICTD	CONDUIT TURNING DOWN	⊕	MFAP_P	FEE ACQUISITION, APPROX.	⊕	SRSC4	SHLD, CTY, 4 DIG.	⊕	UGVT	GAS, VENT
⊕	APCC	POINT OF COMPOUND CURVATURE	⊕	DST"X"CB_P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R	⊕	ICTU	CONDUIT TURNING UP	⊕	MFP_P	FEE ACQUISITION, BACK LINE	⊕	SRSI	SHLD, INTERSTATE	⊕	ULP	LIGHTING, POLE
△	API	POINT OF INTERSECTION	ENVIRONMENTAL			⊕	ICVTRT	COMM. VEH. ROAD TRANSCEIVER	⊕	MFSP_P	FEE ACQUISITION, SHAPE	⊕	SRSN2	SHLD, NATIONAL, 2 DIG.	⊕	ULPM	LIGHTING, POLE, MEDIAN
△	APOB	POINT OF BEGINNING				+	IDEFAULT	DEFAULT	⊕	MHBAP	HIGHWAY BNDRY., APPROX.	⊕	SRSN3	SHLD, NATIONAL, 3 DIG.	⊕	ULPP	LIGHTING, POLE, PED.
⊕	APOC	POINT OF CURVATURE	CULV	EIOP_P	STR., INLET, OUTLET PROT.	⊕	IEZR	E-ZPASS READER	⊕	MHBCP	HISTORICAL, BLDG. CORNERS	⊕	SRSS2	SHLD, STATE, 2 DIG.	⊕	UMFC	MISC. FILLER CAP
△	APOE	POINT OF END	⊕	EIPGB_P	STR., INLET PROT., GRAVEL BAG	⊕	IEZTR	TRANSMITTAL READER	⊕	MHBP	HIGHWAY BNDRY, PT.	⊕	SRSS3	SHLD, STATE, 3 DIG.	⊕	UOLM	OIL, LINE MARKER
⊕	APOL	POINT ON LINE	⊕	EIPHS_P	STR., INLET PROT., HAY/STRAW	⊕	IFOXCAB	FIBER OPTIC X-CONNECT CABINET	⊕	MJCP	PT., JURIS. CITY	⊕	SRSS4	SHLD, STATE, 4 DIG.	⊕	UP	POLE, WITH UTILITY
⊕	APOS	POINT ON SPIRAL	⊕	EIPPS_P	STR., INLET PROT., PREFAB.	⊕	IFUSSPL	FUSION SPLICE	⊕	MPBC	PT., BUILDING CORNER	TRAFFIC CONTROL			⊕	UPD	POLE, DEAD (NO UTILITY)
⊕	APOT	POINT ON TANGENT	⊕	EIPPS_P	STR., INLET PROT., PREFAB.	⊕	IHARADV	HAR ADVISORY SIGN	⊕	MPCC	PT., CROSS CUT				⊕	TCBJ	BOX, JUNCTION
△	APOVC	POINT ON VERTICAL CURVE	⊕	EIPPS_P	STR., INLET PROT., PREFAB.	⊕	IHARST	HAR SITE	⊕	MPDH	PT., DRILL HOLE	⊕	TCBP	BOX, PULL BOX	⊕	USMH	SANITARY SEWER MANHOLE
△	APOVT	POINT ON VERTICAL TANGENT	⊕	EIPSS_P	STR., INLET PROT., SILT FENCE	⊕	ILC	LOAD CENTER	⊕	MPF	PT., FENCE LOCATION	⊕	TCBS	BOX, SPLICE	⊕	UTB	TELEPHONE, BOOTH
Y	APORC	POINT ON REVERSE CURVE	⊕	ERCB	RISER, CONCRETE BOX	⊕	IMECSPL	MECHANICAL SPLICE	⊕	MPIP	PT., IRON PIPE	⊕	TCMC	MICROCOMPUTER CABINET	⊕	UTLM	TELEPHONE, LINE MARKER
⊕	APT	POINT OF TANGENCY	⊕	ETRS_P	TRAP, SEDIMENT	⊕	IMSCS	PORT. SPEED & COUNT SENSOR	⊕	MPIR	PT., IRON ROD	⊕	TCCP	PED POLE	⊕	UTMH	TELEPHONE, MANHOLE
⊕	APVC	POINT OF VERTICAL CURVATURE	+	EWFG	WETLAND FLAG	⊕	IMSCTS	MICRO SPEED & COUNT SENSOR	⊕	MPM	PT., MONUMENT	⊕	TCSH	SIGNAL HEADS	⊕	UTVLM	CABLE TV, LINE MARKER
△	APVCC	POINT OF VERT. CMPND CURVE	GEOTECHNICAL			⊕	IMT	MICROWAVE TRANSCEIVER	⊕	MPMM	PT., MONUMENT, MISC.	⊕	TCSH	SIGNAL HEADS	⊕	UTVPB	CABLE TV, PULL BOX
⊕	APVI	POINT OF VERT. INTERSECTION				⊕	IOVHMS	PERM. OVERHEAD VMS	⊕	IPASCS	PORT. ACCOU. SPD & CNT. SENSOR	⊕	MPN	PT., NAIL	⊕	TCSP	SIGNAL POLE
△	APVRC	POINT OF VERT. REVERSE CURVE	⊕	GDH	DRILL HOLE	⊕	IPEDS	PEDESTRIAN SIGNAL HEAD	⊕	MPRS	PT., RAILROAD SPIKE	TRAFFIC WORK ZONE			⊕	UUB	UNKNOWN, BOX
⊕	APVT	POINT OF VERTICAL TANGENCY	LANDSCAPE			⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	MPST	PT., SPIKE				⊕	TWZAP_P	ARROW PANEL
⊕	ASC	SPIRAL TO CURVE				+	LELS	ELEVATION, SPOT	⊕	IPVMS	PERM. VMS	⊕	MPTW	PT., TREE W/ WIRE	⊕	TWZAPC_P	ARROW PANEL, CAUTION MODE
△	ASPI	SPIRAL POINT OF INTERSECTION	⊕	LFP	FLAG POLE	⊕	IRM	RAMP METER	⊕	MPWL	PT., WALL LOCATION	⊕	TWZAPT_P	ARROW PANEL, TRAILER OR SUPPORT	⊕	UUVL	UNKNOWN, VALVE
⊕	ASTS	SPIRAL TO SPIRAL	⊕	LMB	MAILBOX	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	ROW ACQUISITION			⊕	TWZBCD_P	BARRICADE (TYPE III)	⊕	UUVT	UNKNOWN, VENT
⊕	AST	SPIRAL TO TANGENT	⊕	LPB	PAPER BOX	⊕	ISP	SOLAR PANEL				⊕	MFS_P.T	FEE ACQUISITION	⊕	TWZCMS_P	CHANGEABLE MESSAGE SIGN (PVMS)
⊕	ATS	TANGENT TO SPIRAL	⊕	LPST	POST, SINGLE	⊕	ISST	SPREAD SPECT. TRANSCEIVER	⊕	MEPS_P.T	EASEMENT, PERMANENT	⊕	TWZFLG_P	FLAGGER	⊕	UWFH	WATER, FIRE HYDRANT
△	AVEVT	VERTICAL EVENT POINT	⊕	LRB	ROCK, BOULDER	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	METS_P.T	EASEMENT, TEMPORARY	⊕	TWZFT_P	FLAG TREE	⊕	UWM	WATER, METER
⊕	AVHIGH	VERTICAL HIGH POINT	⊕	LSHC	SHRUB, CONIFEROUS	⊕	ITP	SUBSURFACE TEMP. PROBE	⊕	METS_P.T	EASEMENT, TEMPORARY	⊕	TWZIA_P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)	⊕	UWMH	WATER, MANHOLE
⊕	AVLOW	VERTICAL LOW POINT	⊕	LSHD	SHRUB, DECIDUOUS	⊕	IWIMD	WEIGHT IN MOTION DETECTOR	⊕	METS_P.T	OCCUPANCY, TEMPORARY	⊕	TWZLUM_P	LUMINAIRE (TEMPORARY)	⊕	UWV	WATER, VALVE
BRIDGE			⊕	LTC	TREE, CONIFEROUS	⊕	IWVRC	WIRELESS VIDEO RECEIVER	⊕	MFS_P.T	FEE ACQUISITION W/O ACCESS	⊕	TWZSDT_P	SYMBOL, DIRECTION OF TRAFFIC	⊕	UWW	WATER, WELL
⊕	BSC	BRIDGE, SCUPPER	⊕	LTD	TREE, DECIDUOUS	⊕	IWVTT	WIRELESS VIDEO TRANSMITTER	⊕	RES_P	ELEVATION, SPOT	⊕	TWZSDT_P	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR	⊕		
CONTROL			⊕	LTS	TREE, STUMP	* REFER TO DWG. LEG-1 FOR NOTES.			⊕	RGA	GUIDE RAIL, ANCHOR	⊕	TWZSGN_P	SIGN (TEMPORARY)			
△	CBP	BASELINE, POINT	⊕	LTW_P	TREE, WELL OR WALL				⊕			⊕	RGP	GUIDE POST, SINGLE	⊕	TWZSIG_P	SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY)
⊕	CBPOL	BASELINE, POINT ON LINE		LUKP	UNKNOWN POINT							⊕	TWZWL_P	WARNING LIGHT			
⊕	CBSP	BASELINE, SPUR POINT										⊕	TWZWV_P	WORK VEHICLE			
⊕	CBTP	BASELINE, TIE POINT										⊕	TWZWVA_P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR			
⊕	CPBM	BENCHMARK															
⊕	CPH	POINT, HORIZ. PHOTOGRAMMETRY															
⊕	CPSM	POINT, SURVEY MARKER, PERM.															
⊕	CPSV	POINT, VERT., PHOTOGRAMMETRY															

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. LEG-2 SHEET NO. 4
	COUNTY: ESSEX	REGION: 1				

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GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS

ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

PROJECT MANAGER E. SNYDER

CHECK E. SNYDER

DRAFTING L. BACH

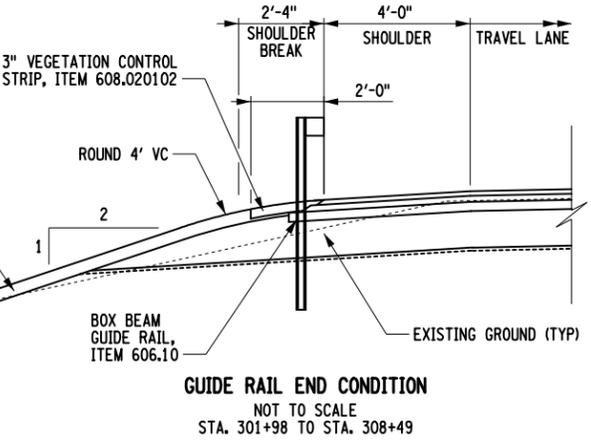
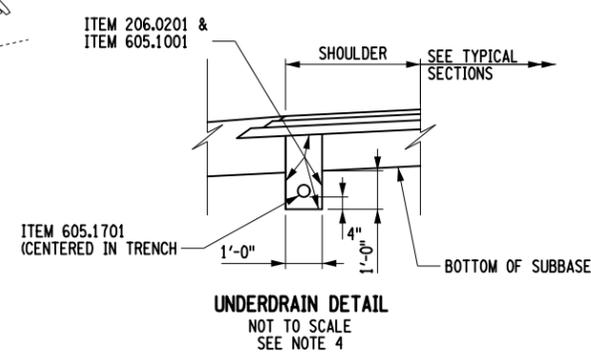
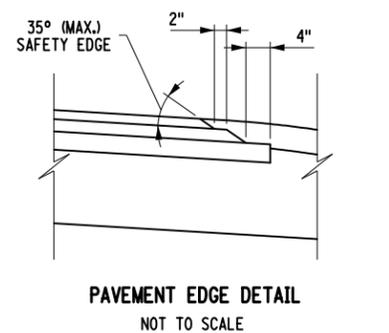
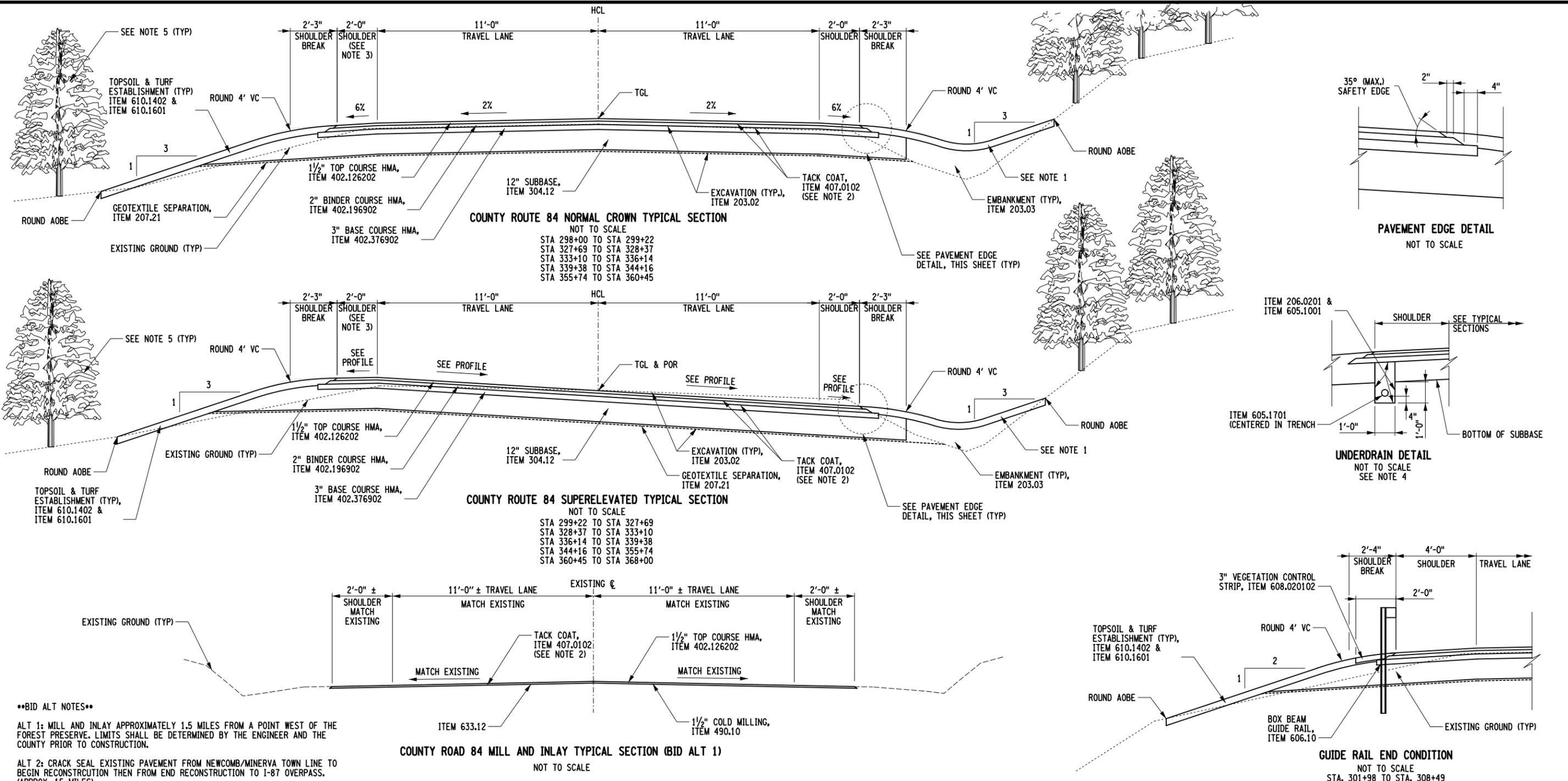
CHECK E. SNYDER

DESIGN L. BACH

JOB MANAGER E. SNYDER

DESIGN SUPERVISOR C. CORNWELL

FILE NAME = ...CADD\175999.opn...typ_01.dgn
DATE/TIME = 5/19/2016
USER = lbach



****BID ALT NOTES****

ALT 1: MILL AND INLAY APPROXIMATELY 1.5 MILES FROM A POINT WEST OF THE FOREST PRESERVE. LIMITS SHALL BE DETERMINED BY THE ENGINEER AND THE COUNTY PRIOR TO CONSTRUCTION.

ALT 2: CRACK SEAL EXISTING PAVEMENT FROM NEWCOMB/MINERVA TOWN LINE TO BEGIN RECONSTRUCTION THEN FROM END RECONSTRUCTION TO I-87 OVERPASS. (APPROX. 15 MILES).

ALT 3: CRACK SEAL FROM THE NEWCOMB/MINERVA TOWN LINE TO BEGIN RECONSTRUCTION. (APPROX. 4.5 MILES).

ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	605.1001	UNDERDRAIN FILTER TYPE 2	CY	1. IN CUT AREAS THE CONTRACTOR SHALL GRADE TO DRAIN AS DIRECTED BY THE ENGINEER. 2. TACK COAT SHALL BE APPLIED ON ALL NEW AND EXISTING ASPHALT SURFACES IN ACCORDANCE WITH SECTION 407 OF THE NYS DOT STANDARD SPECIFICATIONS. 3. LEFT SHOULDER SHALL BE 4' WIDE FROM STA 298+00 TO STA 308+40. 4. UNDERDRAIN SHALL BE PLACED AOE IN AREAS WHERE POOR SUBSURFACE DRAINAGE CONDITIONS WARRANT. UNDERDRAIN SHALL DAYLIGHT OUT OF SLOPES TO OUTLET. 5. ABSOLUTELY NO DISTURBANCE CAN OCCUR OUTSIDE OF THE EXISTING CLEARED WIDTH OF THE ROADWAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR OTHER LEGAL ACTION IMPOSED FOR DISTURBING THESE AREAS.
203.03	EMBANKMENT IN PLACE	CY	605.1701	OPTIONAL UNDERDRAIN PIPE, 4 INCH DIAMETER	LF	
206.0201	TRENCH AND CULVERT EXCAVATION	CY	606.10	BOX BEAM GUIDE RAILING	LF	
207.21	GEOTEXTILE SEPARATION	SY	608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON	
304.12	SUBBASE COURSE, TYPE 2	CY	610.1402	TOPSOIL - ROADSIDE	CY	
402.126202	12.5 F2 TOP COURSE HMA, 60 SERIES COMPACTION	TON	610.1601	TURF ESTABLISHMENT - ROADSIDE	SY	
402.196902	19 F9 BINDER COURSE HMA, 60 SERIES COMPACTION	TON	633.12	CLEANING, SEALING AND/OR FILLING CRACKS	LS	
402.376902	37.5 F9 BASE COURSE HMA, 60 SERIES COMPACTION	TON				
407.0102	DILUTED TACK COAT	GAL				
490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY				

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON: _____

ALTERED BY:
ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	COUNTY: ESSEX	REGION: 1			TYPICAL SECTIONS	DRAWING NO. TYP-1 SHEET NO. 5

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



GENERAL NOTES

- MATERIAL AND CONSTRUCTION SPECIFICATIONS: "STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS". NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSOT) OFFICE OF ENGINEERING.
- CURRENT NATIONAL "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) WITH NEW YORK STATE SUPPLEMENT SHALL BE IN EFFECT FOR THIS PROJECT.
- 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.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF THE WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH THE CONDITIONS AND A.O.B.E.
- THE CONTRACTOR SHALL EXAMINE AND VERIFY IN THE FIELD ALL EXISTING CONDITIONS AND DIMENSIONS WITH 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.
- THERE SHALL BE NO CLAIM AGAINST THE COUNTY BY THE CONTRACTOR FOR WORK PERTAINING TO MODIFICATIONS AS MAY BE REQUIRED DUE TO ANY DIFFERENCE BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN BY THE DETAILS AND DIMENSIONS ON THE CONTRACT PLANS. THE CONTRACTOR WILL BE PAID AT THE UNIT BID PRICE FOR THE ACTUAL QUANTITIES OF MATERIALS USED OR FOR THE WORK PERFORMED, AS INDICATED BY THE VARIOUS ITEMS IN THE CONTRACT AND PER SECTION 104-04 OF THE STANDARD SPECIFICATIONS.
- AT ALL TIMES, THE CONTRACTOR SHALL TAKE MEASURES TO 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 VARIOUS ITEMS IN THE CONTRACT.
- 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 AND PER SECTION 104-04 OF THE STANDARD SPECIFICATIONS.
- NO PAYMENT SHALL BE MADE FOR WORK CALLED FOR BY NOTES ON THE PLANS, IN THE SPECIFICATIONS, OR UNDER THE HEADING GENERAL NOTES UNLESS PAYMENT IS SPECIFICALLY INDICATED BY ITEM NUMBER. THE COST OF WORK FOR WHICH NO PAYMENT IS INDICATED SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS ITEMS IN THE CONTRACT.
- WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE PRICE BID FOR THOSE ITEMS.
- 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 THE VARIOUS ITEMS IN THE CONTRACT. NO SEPARATE PAYMENT SHALL BE MADE.
- PAVED AREAS DISTURBED BY THE CONTRACTOR WHICH ARE NOT PART OF THE WORK TO BE PERFORMED UNDER THIS CONTRACT, SHALL BE RESTORED TO AN ACCEPTABLE CONDITION AS SPECIFIED BY AND TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR GUARDING AND PROTECTING ALL OPEN EXCAVATIONS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 107.05 "SAFETY & HEALTH REQUIREMENTS" OF THE NYSOT STANDARD SPECIFICATIONS.
- PROVISIONS TO DE-WATER EXCAVATIONS, DUE TO CONSTRUCTION OPERATIONS ALONG THE PROJECT MAY BE REQUIRED. THERE SHALL BE NO DIRECT PAYMENT FOR ANY DE-WATERING SYSTEMS. COST SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS IN THE CONTRACT.
- THE CONTRACTOR SHALL KEEP ALL DRAINAGE FACILITIES, WITHIN THE CONTRACT LIMITS, CLEAN AND FULLY OPERATIONAL AT ALL TIMES (A.O.B.E.). THIS WORK SHALL BE INCLUDED UNDER VARIOUS ITEMS IN THE CONTRACT.
- 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.

- THE CONTRACTOR IS TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE PRESENT CONDITIONS AND TO JUDGE THE EXTENT AND NATURE OF THE WORK TO BE DONE UNDER THIS CONTRACT. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF FAILURE TO INCLUDE IN THE BID ALL ITEMS AND MATERIALS WHICH ARE REQUIRED TO BE FURNISHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND PER SECTION 104-04 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROTECT HIS OR HER WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS.
- DETAILS ON THE DRAWINGS LABELED AS 'NOT TO SCALE' ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONALLY AND ARE FULLY DIMENSIONED.

UTILITY NOTES

- LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED ON THE PLANS AS EXISTING ARE APPROXIMATE ONLY. THEIR EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OR HER OPERATIONS AND TAKE NECESSARY PRECAUTIONS SUCH THAT INTERFERENCE WITH OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION IS PREVENTED. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL DIG SAFELY N.Y. TO HAVE UNDERGROUND UTILITIES LOCATED.
- IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE, CAUSING THE INTERRUPTION IN SAID SERVICE, THE CONTRACTOR SHALL IMMEDIATELY COMMENCE WORK TO RESTORE SERVICE AND MAY NOT CEASE WORK UNTIL SERVICE IS RESTORED. ALL COSTS TO REPAIR OR REPLACE DAMAGE UTILITIES SHALL BE AT THE EXPENSE OF THE CONTRACTOR. IF THE CONTRACTOR DOES NOT MAKE IMMEDIATE NECESSARY REPAIRS, THE RESPECTIVE OWNING COMPANIES OR MUNICIPAL FORCES MAY DO THE WORK, AND THE COST THEREOF CHARGED AGAINST THE CONTRACTOR.
- THE CONTRACTOR SHALL MAKE EXPLORATIONS IF NECESSARY ABOVE TO DETERMINE THE DIMENSIONS AND LOCATIONS OF LINES THAT MAY BE SUBJECT TO DAMAGE. COST TO BE INCLUDED UNDER ITEM 206.05 - TEST PIT EXCAVATION.
- THE UNDERGROUND UTILITY INFORMATION SHOWN ON THE PLANS IS BASED UPON THE FOLLOWING:
 - QUALITY LEVEL A IS THE HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITY FACILITIES) OF THE SUBSURFACE UTILITIES, USING (TYPICALLY) MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO DETERMINE THEIR PRECISE HORIZONTAL AND VERTICAL POSITIONS, AS WELL AS THEIR OTHER OWN FACILITY ATTRIBUTES. (SHOWN AS QLA)
 - QUALITY LEVEL B IS THE SECOND HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS (I.E., UNDERGROUND CAMERAS, RADAR, SONAR, TONE OUTS, ETC.) TO IDENTIFY THE EXISTENCE AND APPROPRIATE HORIZONTAL POSITION OF SUBSURFACE UTILITY FACILITIES. QUALITY LEVEL B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THE INFORMATION WAS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO THE PLANS. NO EXCAVATIONS WERE PERFORMED. (SHOWN AS QLB)
 - QUALITY LEVEL C IS THE THIRD HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION. (SHOWN AS QLC)
 - QUALITY LEVEL D IS THE LOWEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS WAS DERIVED SOLELY FROM EXISTING NYSOT AND/OR UTILITY COMPANY RECORDS OR RECOLLECTIONS. (SHOWN AS QLD)
- THE CONTRACTOR SHALL PROTECT ALL UNDERGROUND UTILITIES TO REMAIN IN PLACE FROM DAMAGE DURING THE CONSTRUCTION. THE COST OF PROVIDING PROTECTION OF UNDERGROUND UTILITIES SHALL BE INCLUDED UNDER VARIOUS ITEMS IN THE CONTRACT.
- THE CONTRACTOR SHALL COORDINATE ALL RELOCATION EFFORTS OF THE EXISTING BURIED PHONE LINE WITH VERIZON PRIOR TO ANY WORK COMMENCING.

ELECTRICAL SAFETY NOTE

- HIGH VOLTAGE LINES MAY BE PRESENT WITHIN THE PROJECT LIMITS. REFER TO ELECTRICAL SAFETY NOTE CONTAINED IN THE CONTRACT PROPOSAL FOR SPECIAL CONTRACTOR'S SAFETY REQUIREMENTS.

DAMAGE TO EXISTING STRUCTURES; VEGETATION/SHRUBS; OR OTHER AMENITIES

- NUMEROUS STRUCTURES AND VEGETATION ARE PRESENT WITHIN THE WORK LIMITS AND ARE TO REMAIN IN PLACE. THE CONTRACTOR SHALL TAKE EXTRA PRECAUTIONS NOT TO DAMAGE THESE ITEMS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIS OPERATIONS TO THE EXISTING STRUCTURES OR MATERIALS WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. ALL DAMAGE TO THE EXISTING STRUCTURES OR MATERIALS WHICH ARE NOT PART OF THE INTENDED WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHOUT COST TO THE COUNTY AND TO THE SATISFACTION OF THE ENGINEER.

ENVIRONMENTAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL ENVIRONMENTAL PERMIT REQUIREMENTS PROVIDED IN THE CONSTRUCTION DOCUMENTS. COST TO BE INCLUDED UNDER VARIOUS ITEMS IN THE CONTRACT.
- THE CONTRACTOR IS TO BE AWARE THAT THE RECONSTRUCTION WORK IS THROUGH A NYSDEC FOREST PRESERVE AREA. THERE CAN BE ABSOLUTELY NO IMPACT TO THE AREA ADJACENT TO THE ROADWAY AND ALL WORK MUST BE WITHIN THE EXISTING FOOTPRINT OF THE ROAD. ANY IMPACT TO THE ADJACENT AREA AND RESULTING NYSDEC ACTIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

PROJECT MANAGER: E. SNYDER
 CHECK: E. SNYDER
 DRAFTING: L. BACH
 CHECK: E. SNYDER
 DESIGN: L. BACH
 JOB MANAGER: E. SNYDER
 SUPERVISOR: C. CORNWELL

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					DRAWING NO. GNN-1 SHEET NO. 6
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.		COUNTY: ESSEX	REGION: 1	 GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS		ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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 USER = lbach

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 DATE/TIME = 5/19/2016
 USER = lbach

PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL

WORK ZONE TRAFFIC CONTROL NOTES:

- THE FOLLOWING NOTES ARE INTENDED TO SUPPLEMENT AND CLARIFY REQUIREMENTS SET FORTH IN SECTION 619 OF THE CURRENT NYS STANDARD SPECIFICATIONS AND SECTION 619 OF THE NYS STANDARD SHEETS.
- ALL WORK ZONE TRAFFIC CONTROL ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT NYSDOT STANDARD SPECIFICATIONS, THE CURRENT NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NYS SUPPLEMENT.
- TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH ALL PROVISIONS OF ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL, OR AS AMENDED ON THESE PLANS, FOR THE DURATION OF THE PROJECT.
- THE CONTRACTOR MAY SUBMIT REVISIONS TO THESE PLANS, IN WRITING, TO THE ENGINEER FOR APPROVAL, HOWEVER ANY COSTS RESULTING FROM THESE CHANGES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL VEHICLES AND EQUIPMENT THAT SHALL BE MOVING IN AND OUT OF TRAFFIC AT WORK AREAS SHALL BE EQUIPPED WITH AN APPROVED AMBER ROTATING SAFETY LIGHT. THIS LIGHT SHALL BE MOUNTED SO AS TO BE EASILY SEEN BY APPROACHING TRAFFIC.
- VEHICLES BELONGING TO THE CONTRACTOR, OR THE CONTRACTOR'S EMPLOYEES, SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDERS, OR WITHIN 30 FEET (OR AOB) OF THE EDGE OF PAVEMENT ALONG OR ADJACENT TO OPEN TRAVEL LANES.
- THE CONTRACTOR SHALL NOT PARK EQUIPMENT, NOR STORE MATERIAL, OVERNIGHT WHERE IT IS DEEMED BY THE ENGINEER TO BE A SAFETY HAZARD TO TRAFFIC.
- DRIVING AGAINST TRAFFIC AT ANY TIME, REGARDLESS OF WHETHER OR NOT THE AREA HAS BEEN CLOSED TO TRAFFIC, SHALL NOT BE PERMITTED, EXCEPT FOR TRAFFIC CONE PICK-UP OR AS SPECIFICALLY PERMITTED BY THE ENGINEER.
- ESCORT VEHICLES EQUIPPED WITH AN AMBER LIGHT OR AN OPERATING ARROW PANEL WILL BE REQUIRED WHEN TRANSPORTING SLOW MOVING CONSTRUCTION EQUIPMENT ALONG ANY PORTION OF THE ROADWAY OPEN TO TRAFFIC.
- WHEN REOPENING DRIVING LANES TO TRAFFIC, THE CONTRACTOR SHALL START BY MOVING THE DEVICES AT THE FAR END OF THE LANE CLOSURE AND WORKING 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.
- THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO AVOID DAMAGING EXISTING PAVEMENT WHEN IT IS NECESSARY TO MOVE EQUIPMENT THROUGH LOCAL STREETS. HE/SHE SHALL OBSERVE ALL OF THE RULES, REGULATIONS, AND DIRECTIONS OF LOCAL MUNICIPALITIES RELATIVE TO SUCH HANDLING OF EQUIPMENT, AND TAKE SUCH PROTECTIVE MEASURES AS HE/SHE DEEMS NECESSARY OR AS DIRECTED BY THE ENGINEER. LOCAL STREET PAVEMENT, VEGETATION, AND OTHER APPURTENANCES LOCATED WITHIN THE CONTRACT LIMITS THAT ARE NOT SCHEDULED TO BE REPLACED, AND ARE DAMAGED BY THE CONTRACTOR, SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S SOLE COST AND EXPENSE.
- THE WORK ZONE TRAFFIC CONTROL NOTES PROVIDED HEREIN AND NYSDOT STANDARD SHEETS ARE NOT INTENDED TO BE ALL INCLUSIVE, BUT RATHER SERVE AS A GUIDE FOR THE SAFE AND EFFICIENT SEQUENCE OF TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION OPERATIONS. ANY ADDITIONS OR DELETIONS TO THE TRAFFIC CONTROL PLANS MAY BE ORDERED BY THE ENGINEER. COST TO BE INCLUDED UNDER ITEM 619.01.
- COSTS FOR ALL TEMPORARY SIGNS FOR WORK ZONE TRAFFIC CONTROL SHALL BE INCLUDED UNDER ITEM 619.01.
- THE COST OF PROVIDING AND MAINTAINING SAFE AND ADEQUATE INGRESS AND EGRESS TO AND FROM INTERSECTING HIGHWAYS, HOMES AND COMMERCIAL ESTABLISHMENTS AT ALL TIMES, TO THE SATISFACTION OF THE ENGINEER, SHALL BE BORNE BY THE CONTRACTOR, INCLUDING PROVIDING TEMPORARY ASPHALT PAVEMENT TO MAINTAIN THIS ACCESS.
- IF THE ENGINEER NOTIFIES THE CONTRACTOR OR HIS SUPERINTENDENT OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THAT AREA SHALL BE DISCONTINUED AND IMMEDIATE REMEDIAL ACTION SHALL BE TAKEN TO THE SATISFACTION OF THE ENGINEER BEFORE WORK IS RESUMED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL SIGNS, CONES, FLASHERS, BARRIERS, ETC. ARE IN PLACE AND IN GOOD CONDITION. THE SOLE JUDGE OF THE EFFECTIVENESS OF THE CONTRACTOR'S EFFORTS TOWARDS THE PROTECTION OF TRAFFIC AND PERSONNEL SHALL BE THE ENGINEER.

WORK ZONE TRAFFIC CONTROL NOTES (CON'T):

- FLAGGERS SHALL BE LOCATED AT ALL ACTIVE WORK AREAS AND AT OTHER LOCATIONS WITHIN A WORK AREA WHERE RESTRICTED SIGHT DISTANCE IMPEDES THE FLOW OF TRAFFIC OR A.O.B.E.
- EXISTING TRAFFIC SIGNS SHALL BE COVERED AND UNCOVERED AS NECESSARY DURING CONSTRUCTION. COST TO BE INCLUDED UNDER ITEM 619.01.
- IF IN THE ENGINEER'S JUDGMENT, FLAGS ON SIGNS ARE NECESSARY DUE TO LIMITED SIGHT DISTANCE. THEY SHALL BE PROVIDED BY THE CONTRACTOR. COST SHALL BE INCLUDED IN ITEM 619.01.
- PEDESTRIAN AND BICYCLIST TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES IN ACCORDANCE WITH SECTION 619 OF THE NYSDOT STANDARD SPECIFICATIONS.
- THE CONTRACTOR IS ADVISED THAT THROUGHOUT THE DURATION OF THE PROJECT, NIGHTTIME CONSTRUCTION WILL NOT BE ALLOWED UNLESS APPROVED BY ENGINEER. NIGHTTIME CONSTRUCTION IS DEFINED AS THE PERIOD BETWEEN 8:00 PM AND 6:00 AM.
- THE CONTRACTOR SHALL MAINTAIN STABLE EXCAVATED SIDE SLOPES AT ALL TIMES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH ALL PUBLIC AND PRIVATE UTILITIES FOR MAINTENANCE OR RELOCATION WORK WITH RESPECT TO SITE ACCESS, TRAFFIC CONTROL AND SCHEDULING TO AVOID CONFLICTS FOR TIMELY COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL PROVIDE SAFE AND CONVENIENT EMERGENCY ACCESS FOR LOCAL FIRE, POLICE AUTHORITIES, AND AMBULANCE SERVICES THROUGHOUT THE PROJECT AREA AT ALL TIMES.
- RESPONSIBILITY FOR EMERGENCY REPAIRS: THE CONTRACTOR SHALL, IN WRITING, SUBMIT TO THE APPROPRIATE LAW ENFORCEMENT AND GOVERNMENT AGENCIES THE NAME, ADDRESS AND TELEPHONE NUMBER(S) OF THE PERSON OR PERSONS AUTHORIZED TO SECURE LABOR, MATERIALS AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE OF NORMAL WORKING HOURS. DUPLICATE COPIES OF THE ABOVE SHALL BE FILED WITH THE ENGINEER.
- WHERE DRUMS, CONES, VERTICAL PANELS OR TUBULAR MARKERS ARE USED IN CONTROLLING THE MOVEMENT OF TRAFFIC, THE CONTRACTOR SHALL TAKE WHATEVER STEPS ARE NECESSARY TO PREVENT ALL TRAFFIC CONTROL DEVICES FROM BEING BLOWN OVER OR DISPLACED BY PASSING VEHICLES. THE CONTRACTOR SHALL ACCOMPLISH THIS BY DOUBLING CONES, THE USE OF SAND BAGS, RINGS OR BY OTHER MEANS, AS APPROVED BY THE ENGINEER, WHICH SHALL NOT PRESENT A HAZARD TO MOTORISTS OR WORKERS IF THE CONES, DRUMS, VERTICAL PANELS OR TUBULAR MARKERS ARE STRUCK.
- THE CONTRACTOR SHALL BACKFILL ALL OPEN EXCAVATIONS OR PROVIDE ANCHORED STEEL PLATES TO COVER ALL TRENCH EXCAVATIONS DURING NON-WORKING HOURS. ANCHORED STEEL PLATES SHALL ALSO BE PLACED ON SUBGRADE, SUBBASE COURSES OR BASE COURSES TO PROTECT SHALLOW UTILITY FACILITIES FROM WHEEL LOADINGS DUE TO CONSTRUCTION VEHICLES AND EQUIPMENT. STEEL PLATES SHALL BE RAMPED WITH ASPHALT IN THE ROADWAY AREA TO PROVIDE A SMOOTH TRANSITION. THE COST FOR ANCHORED PLATES AND PAVEMENT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01.
- TRAVEL LANE WIDTHS SHALL BE NO LESS THAN 10' OR AS SHOWN IN THE STANDARD SHEETS AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- WORK RESTRICTIONS: THE CONTRACTOR SHOULD BE AWARE THAT WORKING RESTRICTIONS ARE IN PLACE FOR THIS PROJECT. THE CONTRACTOR WILL NOT BE ALLOWED TO PERFORM ANY WORK AND SHALL HAVE ALL LANES OPEN FOR TRAFFIC DURING THE FOLLOWING DAYS:

DATES:	
NEW YEARS DAY	DEC 31-JAN. 4, 2016
MEMORIAL DAY	MAY 27-31, 2016
INDEPENDENCE DAY	JUL. 1-5, 2016
LABOR DAY	SEP. 2-6, 2016
COLUMBUS DAY	OCT. 7-10, 2016
THANKSGIVING	NOV. 23-28, 2016
CHRISTMAS	DEC. 23-31, 2016
- NO LANE CLOSURES SHALL OCCUR PRIOR TO APRIL 1, NOR AFTER NOVEMBER 15, UNLESS AUTHORIZED BY THE ENGINEER.
- ALL LANE CLOSURES SHALL INCLUDE BICYCLE/IN LANE, MUTCD W11-1/NYW5-32P, SIGN ASSEMBLIES PLACED BEFORE THE MERGING TAPER.
- A TOTAL OF TWO VARIABLE MESSAGE SIGNS SHALL BE PROVIDED AND UTILIZED FOR THE PROJECT. AT A MINIMUM, THEY SHALL BE INSTALLED TWO (2) WEEKS IN ADVANCE OF ANY ROAD WORK AND A.O.B.E. COST TO BE INCLUDED UNDER ITEM 619.110202.
- AT NO TIME SHALL THE ROAD BE CLOSED TO TRAFFIC UNLESS AUTHORIZED BY THE ENGINEER. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE DIRECTION OF TRAFFIC AT ALL TIMES THROUGHOUT CONSTRUCTION.

WORK AREA COORDINATION:

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR, BEFORE COMMENCING WORK, TO SUBMIT TO THE ENGINEER FOR APPROVAL AN OUTLINE OF HIS PROPOSED METHODS AND MANNER OF EXECUTING THE WORK, INCLUDING SEQUENCES OF OPERATION AND A TIME SCHEDULE.
- THE CONTRACTOR SHALL COORDINATE ALL CONTRACT WORK WITH ANY UTILITY WORK, SUBCONTRACTORS WORK, PUBLIC MAINTENANCE OPERATIONS, OR OTHER CONSTRUCTION ACTIVITIES IN THE AREA TO ENSURE THERE ARE NO CONFLICTS.
- ALL VEHICLES, EQUIPMENT, WORKERS, AND TEMPORARY TRAFFIC CONTROL ZONES SHALL BE RESTRICTED TO ONE SIDE OF THE ROADWAY AT A TIME.

PEDESTRIAN AND BICYCLE ACCOMMODATION

- THE NEEDS AND CONTROL OF ALL ROAD USERS WITHIN THE HIGHWAY, INCLUDING PERSONS WITH DISABILITIES, THROUGH THE WORK ZONE SHALL BE AN ESSENTIAL PART OF THE HIGHWAY CONSTRUCTION, UTILITY WORK, MAINTENANCE, AND THE MANAGEMENT OF TRAFFIC.
- THE CONTRACTORS ATTENTION IS CALLED TO THE FACT THAT PEDESTRIAN AND BICYCLE TRAFFIC IS TO BE MAINTAINED THROUGHOUT OR AROUND THE PROJECT FOR THE DURATION OF CONSTRUCTION. MATERIAL, EQUIPMENT OR OTHER SUCH BARRIERS SHALL NOT BE PLACED OR PARKED SO AS TO OBSTRUCT PEDESTRIAN/BICYCLE TRAFFIC OR PRESENT A SAFETY HAZARD TO THE NON-MOTORIZED PUBLIC. ALL NECESSARY LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO MAINTAIN PEDESTRIAN AND BICYCLE TRAFFIC SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.

DELINEATION

- CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED AS SPECIFIED IN THE PLANS AND/OR AOB.
- TEMPORARY OR INTERIM PAVEMENT MARKINGS SHALL BE INSTALLED PRIOR TO OPENING THE PAVEMENT TO TRAFFIC DURING CONSTRUCTION IN ACCORDANCE WITH THE NYSDOT STANDARD SPECIFICATIONS. COST TO BE INCLUDED IN THE PRICE BID FOR ITEM 619.01.
- EXISTING PAVEMENT MARKINGS OUTSIDE OF THE CONSTRUCTION ZONES SHALL BE MAINTAINED AND RE-STRIPED AOB. THIS MAY INCLUDE, BUT IS NOT LIMITED TO RE-STRIPING AREAS THAT ARE NOT SCHEDULED FOR WORK UNTIL LATER STAGES OF CONSTRUCTION. EXISTING PAVEMENT MARKINGS, LETTERS, AND SYMBOLS SHALL BE REAPPLIED AOB.

COORDINATION

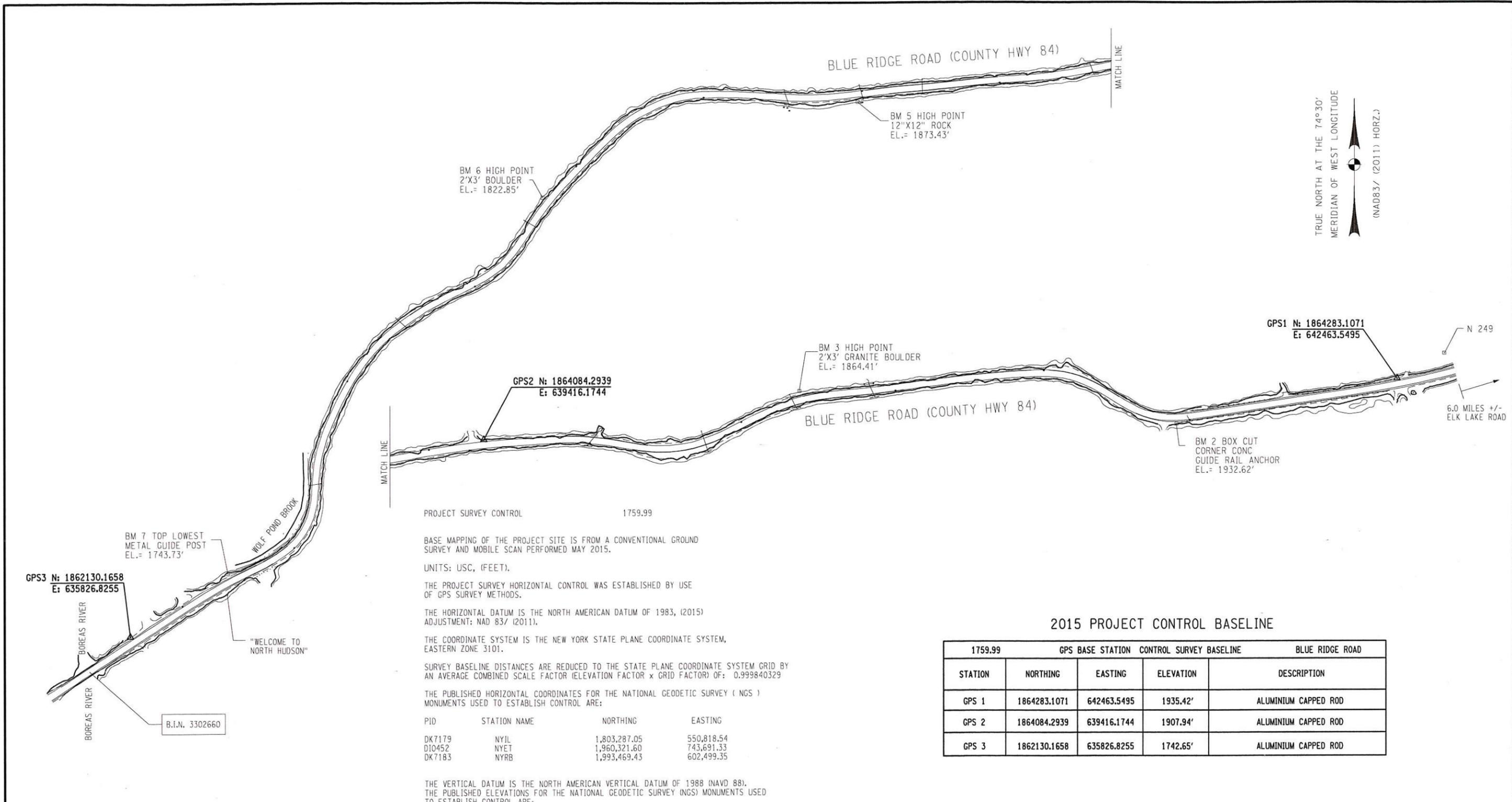
- THE CONTRACTOR SHALL BE AWARE THAT THERE MAY BE OTHER CONTRACTS, MUNICIPALITIES, MAINTENANCE OPERATIONS, OR BRIDGE INSPECTIONS IN PROGRESS IN OR ADJACENT TO THE WORK AREA. THE ENGINEER AND THE CONTRACTOR SHALL COMMUNICATE AND COORDINATE OPERATIONS WITH OTHER OPERATIONS SO THAT NO CONFLICT IN WORK SCHEDULING OR LOCATION OCCUR.
- THE CONTRACTOR SHALL COOPERATE AND COORDINATE WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES OCCUPYING THE WORK SITE.

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					WORK ZONE TRAFFIC CONTROL NOTES
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.		COUNTY: ESSEX	REGION: 1			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = DGN\$SPEC01234567890123456789012345678901234
 DATE/TIME = \$DATE\$ \$TIME\$
 USER = DGN\$USER\$NAME

DESIGN SUPERVISOR
 DESIGN D. NIEDBALSKI
 DRAFTING D. LUNDBERG
 CHECK M. FRISBEE
 PROJECT MANAGER J. MALINOWSKI



PROJECT SURVEY CONTROL 1759.99

BASE MAPPING OF THE PROJECT SITE IS FROM A CONVENTIONAL GROUND SURVEY AND MOBILE SCAN PERFORMED MAY 2015.

UNITS: USC, (FEET).

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

THE HORIZONTAL DATUM IS THE NORTH AMERICAN DATUM OF 1983, (2015) ADJUSTMENT: NAD 83/ (2011).

THE COORDINATE SYSTEM IS THE NEW YORK STATE PLANE COORDINATE SYSTEM, EASTERN ZONE 3101.

SURVEY BASELINE DISTANCES ARE REDUCED TO THE STATE PLANE COORDINATE SYSTEM GRID BY AN AVERAGE COMBINED SCALE FACTOR (ELEVATION FACTOR x GRID FACTOR) OF: 0.999840329

THE PUBLISHED HORIZONTAL COORDINATES FOR THE NATIONAL GEODETIC SURVEY (NGS) MONUMENTS USED TO ESTABLISH CONTROL ARE:

PID	STATION NAME	NORTHING	EASTING
DK7179	NYIL	1,803,287.05	550,818.54
D10452	NYET	1,960,321.60	743,691.33
DK7183	NYRB	1,993,469.43	602,499.35

THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
 THE PUBLISHED ELEVATIONS FOR THE NATIONAL GEODETIC SURVEY (NGS) MONUMENTS USED TO ESTABLISH CONTROL ARE:

PID	STATION NAME	ELEVATION	VERTICAL ORDER
0D1033	N 249	1931.59'	SECOND CLASS 0

2015 PROJECT CONTROL BASELINE

1759.99	GPS BASE STATION	CONTROL SURVEY BASELINE	BLUE RIDGE ROAD	
STATION	NORTHING	EASTING	ELEVATION	DESCRIPTION
GPS 1	1864283.1071	642463.5495	1935.42'	ALUMINIUM CAPPED ROD
GPS 2	1864084.2939	639416.1744	1907.94'	ALUMINIUM CAPPED ROD
GPS 3	1862130.1658	635826.8255	1742.65'	ALUMINIUM CAPPED ROD

AFFIX SEAL: MJ ENGINEERING & LAND SURVEYING, P.C. 04-27-16
 ON: [Signature]

ALTERED BY:
 ON: [Signature]

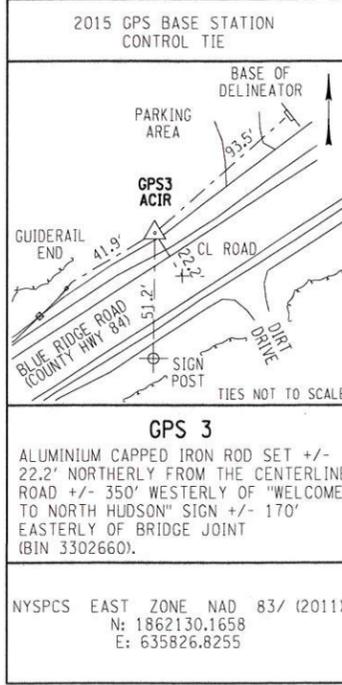
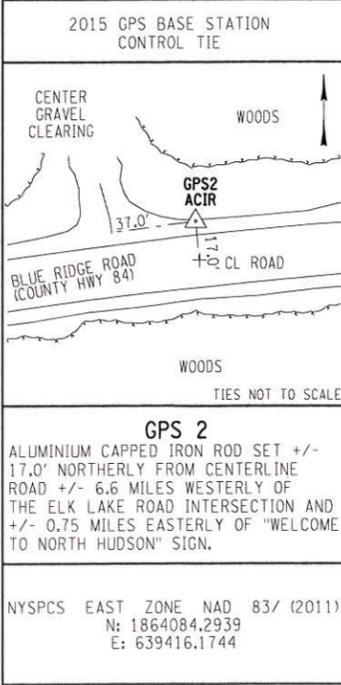
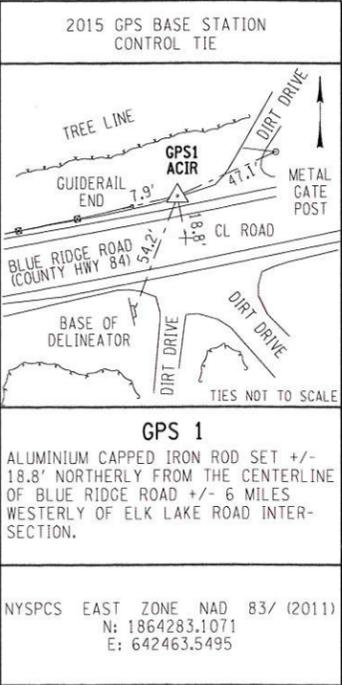
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	BLUE RIDGE ROAD	PIN 1759.99	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER
	CR 84					
	PAVEMENT PRESERVATION					
	TOWNS OF MINERVA AND NORTH HUDSON					
	COUNTY: ESSEX	REGION: 1	SURVEY PROJECT CONTROL CONTROL DIAGRAM			DRAWING NO. BLT1 SHEET NO. 8

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

NEW YORK STATE OF OPPORTUNITY
 Department of Transportation

FILE NAME = DGNNSPEC01234567890123456789012345678901234
 DATE/TIME = #DATE# #TIME#
 USER = DGN#USER#NAME

PROJECT MANAGER J. MALINOWSKI
 CHECK M. FRISBEE
 DRAFTING D. LUNDBERG
 CHECK D. NIEDBALSKI
 DESIGN
 JOB MANAGER
 DESIGN SUPERVISOR



AFFIX SEAL: MJ ENGINEERING & LAND SURVEYING, P.C. 04-27-16
 ON:
 ALTERED BY:
 ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	BLUE RIDGE ROAD	PIN 1759.99	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
	CR 84					
	PAVEMENT PRESERVATION					
	TOWNS OF MINERVA AND NORTH HUDSON					
	COUNTY: ESSEX	REGION: 1			SURVEY PROJECT CONTROL GPS BASE STATIONS	

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



DRAWING NO. BLT 2
 SHEET NO. 9

FILE NAME = DGN#SPEC01234567890123456789012345678901234
 DATE/TIME = \$DATE\$ \$TIME\$
 USER = DGN#USERNAME

DESIGN SUPERVISOR
 JOB MANAGER
 DESIGN
 CHECK D. NIEDEBALSKI
 DRAFTING D. LUNDBERG
 CHECK M. FRISBEE
 PROJECT MANAGER J. MALINOWSKI

2015 SECONDARY CONTROL BENCHMARK TIE

PAVEMENT SEAM
 BLUE RIDGE ROAD (COUNTY HWY 84)
 T101
 GUIDE RAIL
 DIRT DRIVEWAY
 BM 2 BOX CUT CORNER CONC GUIDE RAIL ANCHOR

TIES NOT TO SCALE

BENCHMARK 2
 BOX CUT SET ON CORNER OF CONCRETE GUIDE RAIL ANCHOR +/- 21.5' SOUTHERLY OF CENTERLINE BLUE RIDGE ROAD AND 6.6 MILES WEST OF ELK LAKE ROAD INTERSECTION.

NAVD 88
 EL: 1932.62'

2015 SECONDARY CONTROL BENCHMARK TIE

BM 3 HIGH POINT 2'X3' GRANITE BOULDER
 BLUE RIDGE ROAD (COUNTY HWY 84)
 DRAINAGE DITCH
 15' HOPE

TIES NOT TO SCALE

BENCHMARK 3
 HIGH POINT ON 2'X3' GRANITE BOULDER +/- 21.8' NORTHERLY OF CENTERLINE BLUE RIDGE ROAD AND 5200' EASTERLY OF "WELCOME TO NORTH HUDSON" SIGN AND +/- 6.85 MILES WESTERLY OF ELK LAKE ROAD INTERSECTION.

NAVD 88
 EL: 1864.41'

2015 SECONDARY CONTROL BENCHMARK TIE

BLUE RIDGE ROAD (COUNTY HWY 84)
 DRAINAGE DITCH
 15' HOPE
 BM 5 HIGH POINT 12"X12" ROCK

TIES NOT TO SCALE

BENCHMARK 5
 HIGH POINT 12"X12" ROCK +/- 23.8' SOUTHERLY OF CENTERLINE BLUE RIDGE ROAD AND +/- 2925' EASTERLY OF "WELCOME TO NORTH HUDSON" SIGN.

NAVD 88
 EL: 1873.43'

2015 SECONDARY CONTROL BENCHMARK TIE

BM 6 HIGH POINT 2'X3' BOULDER
 BLUE RIDGE ROAD (COUNTY HWY 84)
 DRAINAGE DITCH
 24' CMP

TIES NOT TO SCALE

BENCHMARK 6
 HIGH POINT ON 2'X3' BOULDER +/- 25.7' NORTHERLY OF CENTERLINE BLUE RIDGE ROAD AND 1763' EASTERLY OF "WELCOME TO NORTH HUDSON" SIGN.

NAVD 88
 EL: 1822.85'

2015 SECONDARY CONTROL BENCHMARK TIE

BM 7 TOP LOWEST GUIDE POST
 BLUE RIDGE ROAD (COUNTY HWY 84)
 DRAINAGE DITCH
 STREAM
 "WELCOME TO NORTH HUDSON"

TIES NOT TO SCALE

BENCHMARK 7
 TOP LOWEST GUIDE POST +/- 27' NORTHERLY OF CENTERLINE BLUE RIDGE ROAD AND +/- 65' EASTERLY OF "WELCOME TO NORTH HUDSON" SIGN.

NAVD 88
 EL: 1743.73'

AFFIX SEAL: MJ ENGINEERING & LAND SURVEYING, P.C. 04-27-16
 ON:
 ALTERED BY:
 ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	BLUE RIDGE ROAD	PIN 1759.99	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	SURVEY PROJECT CONTROL SURVEY BENCHMARKS	CONTRACT NUMBER
	CR 84						DRAWING NO. BLT 3
	PAVEMENT PRESERVATION						SHEET NO. 10
	TOWNS OF MINERVA AND NORTH HUDSON						
COUNTY: ESSEX	REGION: 1						

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DRAINAGE TABLE															
DP #	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	203.07	206.0201	207.21	603.6002	603.6005	603.77	620.03	621.01
								(CY)	(CY)	(SY)	(LF)	(LF)	(EACH)	(CY)	(LF)
2-1		EXTEND EXISTING CULVERT WITH 15" RCP AND CONCRETE COLLAR. SEE DETAILS ON SHEET MSD-5	NA	1751.43	-	-	1749.71	3	1	4	8		1	1.3	
4-1		REPLACE EXISTING CULVERT WITH 15" RCP	NA	1790.63	-	-	1790.02	21	23	4	52			1.3	
5-1		REPLACE EXISTING CULVERT WITH 24" RCP	NA	1817.76	-	-	1815.21	38	29	4		48		1.3	
6-1		CLEAN EXISTING CULVERT								4				1.3	51
7-1		CLEAN EXISTING CULVERT								4				1.3	51
7-2		REPLACE EXISTING CULVERT WITH 15" RCP	NA	1872.68	-	-	1869.68	21	17	4	50			1.3	
8-1		CLEAN EXISTING CULVERT								4				1.3	40
10-1		CLEAN EXISTING CULVERT								4				1.3	50
10-2		CLEAN EXISTING CULVERT								4				1.3	73
11-1		CLEAN EXISTING CULVERT								4				1.3	50
11-2		CLEAN EXISTING CULVERT								4				1.3	50
SHEET TOTALS								84	70	44	110	48	1	14	365

TABLE OF GUIDE RAIL									
STATION	STATION	SIDE	DESCRIPTION	ITEM NUMBER	UNIT	QTY.	PMT. FACTOR	PD. QTY.	
301+97.89	302+20.58	LT	TYPE IIA END ASSEMBLY	606.120201	EACH	1	1	1	
302+12.00	304+19.00	LT	REM. & STORE BOX BEAM	606.63	LF	205	1	205	
302+20.58	303+68.40	LT	BOX BEAM	606.10	LF	147.8	1	147.8	
303+68.40	306+40.40	LT	SHOP BENT BOX BEAM	606.100002	LF	255.5	1	255.5	
306+40.40	306+94.11	LT	BOX BEAM	606.10	LF	53.7	1	53.7	
306+94.11	308+27.38	LT	SHOP BENT BOX BEAM	606.100002	LF	137	1	137	
308+27.38	308+49.35	LT	TYPE IIA END ASSEMBLY	606.120201	EACH	1	1	1	
		RT	REM. & STORE BOX BEAM	606.63	LF	72	1	72	
		RT	TYPE IIA END ASSEMBLY	606.120201	EACH	1	1	1	
		RT	BOX BEAM	606.10	LF	54	1	54	
		RT	TRANS. BRIDGE RAILING	568.70	LF	32	1	32	
		RT	BR. RAIL REM. & DIS.	587.01	LF	87	1	87	
		RT	BRIDGE RAILING	568.54	LF	81	1	81	
		RT	REM. & STORE BOX BEAM	606.63	LF	115	1	115	
		RT	TRANS. BRIDGE RAILING	568.70	LF	32	1	32	
		RT	BOX BEAM	606.10	LF	90	1	90	
		RT	TYPE IIA END ASSEMBLY	606.120201	EACH	1	1	1	
		LT	REM. & STORE BOX BEAM	606.63	LF	94	1	94	
		LT	TYPE I END ASSEMBLY	606.120102	EACH	1	1	1	
		LT	BOX BEAM	606.10	LF	72	1	72	
		LT	TRANS. BRIDGE RAILING	568.70	LF	32	1	32	
		LT	BR. RAIL REM. & DIS.	587.01	LF	87	1	87	
		LT	BRIDGE RAILING	568.54	LF	81	1	81	
		LT	REM. & STORE BOX BEAM	606.63	LF	102	1	102	
		LT	TRANS. BRIDGE RAILING	568.70	LF	32	1	32	
		LT	BOX BEAM	606.10	LF	72	1	72	
		LT	TYPE IIA END ASSEMBLY	606.120201	EACH	1	1	1	
		LT	REM. & STORE BOX BEAM	606.63	LF	86	1	86	
		LT	TYPE IIA END ASSEMBLY	606.120201	EACH	1	1	1	
		LT	BOX BEAM	606.10	LF	36	1	36	
		LT	TRANS. BRIDGE RAILING	568.70	LF	32	1	32	
		LT	BR. RAIL REM. & DIS.	587.01	LF	76	1	76	
		LT	BRIDGE RAILING	568.54	LF	70	1	70	
		LT	REM. & STORE BOX BEAM	606.63	LF	256	1	256	
		LT	TRANS. BRIDGE RAILING	568.70	LF	32	1	32	
		LT	BOX BEAM	606.10	LF	315	1	315	
		LT	TYPE I END ASSEMBLY	606.120102	EACH	1	1	1	
		RT	REM. & STORE BOX BEAM	606.63	LF	95	1	95	
		RT	TYPE IIA END ASSEMBLY	606.120201	EACH	1	1	1	
		RT	SHOP BENT BOX BEAM	606.10	LF	45	1	45	
		RT	TRANS. BRIDGE RAILING	568.70	LF	32	1	32	
		RT	BR. RAIL REM. & DIS.	587.01	LF	76	1	76	
		RT	BRIDGE RAILING	568.54	LF	70	1	70	
		RT	REM. & STORE BOX BEAM	606.63	LF	352	1	352	
		RT	TRANS. BRIDGE RAILING	568.70	LF	32	1	32	
		RT	BOX BEAM	606.10	LF	306	1	306	
		RT	TYPE I END ASSEMBLY	606.120102	EACH	1	1	1	

DRIVEWAY TABLE											
DRIVEWAY #	LOCATION		MATERIAL		ENTRANCE TYPE	CLASS	DIMENSIONS				COMMENTS
	STATION	SIDE	EXISTING	PROPOSED			W	TL	PL	CORNER ANGLE	
1	298+48	RT	DIRT	ASHPALT	TYPE 1	RES.	11	0	13.5	90	
2	299+02	LT	DIRT	ASHPALT	TYPE 1	RES.	42	6.5	6	90	
3	300+97	LT	DIRT	ASHPALT	TYPE 1	RES.	11	6	35	33	
4	342+40	LT	GRAVEL	ASHPALT	TYPE 1	RES.	22	8	8	90	
5	366+19	RT	DIRT	ASHPALT	TYPE 1	RES.	29	8	8	90	

NOTE:
 1. SEE 608 SERIES NYSDOT STANDARD SHEETS FOR DRIVEWAY LAYOUT DETAILS

TABLE OF PAVEMENT MARKINGS				
STATION	TO	STATION	ITEM 685.11 (4" WEL)	ITEM 685.12 (4" YSDL)
297+00	TO	368+00	14200	14200
		REPAIR AREA 1	200	
		REPAIR AREA 2	140	
		REPAIR AREA 3	60	
TOTALS			14600	14200

WEL = WHITE EDGE LINE
 YSDL = YELLOW SOLID DOUBLE LINE

SUMMARY OF GUIDE RAIL ITEMS			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
568.54	STEEL BRIDGE RAILING (THREE RAIL)	LF	302
568.70	TRANSITION BRIDGE RAILING	LF	256
587.01	BRIDGE RAILING REMOVAL AND DISPOSAL	LF	326
606.10	BOX BEAM GUIDE RAILING	LF	1146.5
606.100002	BOX BEAM GUIDE RAILING (SHOP BENT OR SHOP MITERED)	LF	437.5
606.120102	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I	EACH	3
606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA	EACH	7
606.63	REMOVING AND STORING BOX BEAM GUIDE RAILING	LF	1377

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

ALTERED BY:
 ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD
NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS
COUNTY: ESSEX REGION: 1

PIN 1759.99
 CR 84

BRIDGES
 3302660
 3302650
 3302670

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
 D034909

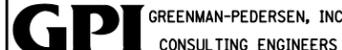
DRAWING NO. MST-1
 SHEET NO. 11

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.

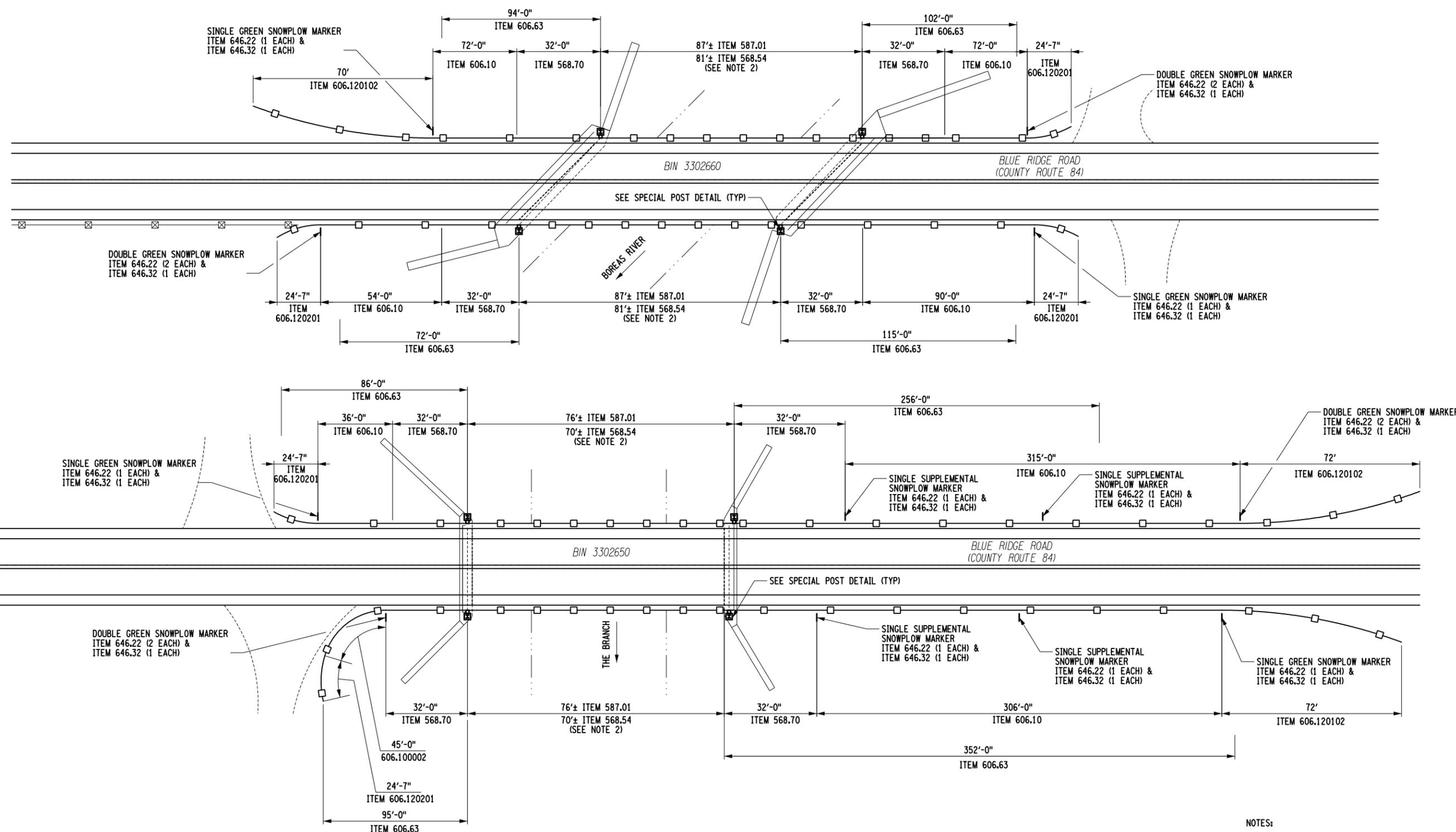
HORIZONTAL CONTROL TABLE				
H.C.L. POINT	H.C.L. STATION	COORDINATES		DESCRIPTION
		NORTHING	EASTING	
COUNTY ROUTE 84 (BLUE RIDGE ROAD)				
P.C.	288+30.31	1861655.0252	634960.4118	
P.I.	290+89.26	1861708.2252	635213.8401	R = 1400'
P.T.	293+42.42	1861848.5553	635431.4721	
P.C.	300+07.39	1862208.9121	635990.3338	P.C. CURVE 1
P.I.	301+13.48	1862266.4024	636079.4931	R = 2000'
P.T.	302+19.37	1862314.1379	636174.2338	P.T. CURVE 1
P.C.	303+68.40	1862381.1977	636307.3274	P.C. CURVE 2
P.I.	305+18.33	1862448.6615	636441.2228	R = 260'
P.T.	306+40.40	1862598.3413	636449.9006	P.C. CURVE 2
P.C.	306+94.11	1862651.9611	636453.0092	P.C. CURVE 3
P.I.	308+15.12	1862772.7630	636460.0127	R = 570'
P.T.	609+32.58	1862880.3008	636515.4903	P.T. CURVE 3
P.C.	310+05.36	1862944.9792	636548.8571	P.C. CURVE 4
P.I.	312+16.91	1863132.9843	636645.8469	R = 650'
P.T.	314+14.40	1863227.8899	636834.9127	P.T. CURVE 4
P.C.	315+79.18	1863301.8018	636982.1561	P.C. CURVE 5
P.I.	316+91.10	1863352.0240	637082.2061	R = 400'
P.T.	317+97.46	1863446.8843	637141.6521	P.T. CURVE 5
P.C.	318+13.46	1863460.4378	637150.1457	P.C. CURVE 6
P.I.	319+54.37	1863579.8394	637224.9709	R = 1200'
P.T.	320+93.99	1863678.6594	637325.4208	P.T. CURVE 6
P.C.	322+50.64	1863788.5167	637437.0900	P.C. CURVE 7
P.I.	324+58.14	1863934.0323	637585.0057	R = 475'
P.T.	326+41.90	1863924.3921	637792.2758	P.T. CURVE 7
P.C.	329+21.36	1863911.4080	638071.4424	P.C. CURVE 8
P.I.	329+99.29	1863907.7877	638149.2811	R = 850'
P.T.	330+76.78	1863918.3804	638226.4807	P.T. CURVE 8
P.C.	331+49.70	1863928.2937	638298.7292	P.C. CURVE 9
P.I.	331+98.40	1863934.9134	638346.9733	R = 2000'
P.T.	332+47.07	1863939.1773	638395.4825	P.T. CURVE 9
P.C.	336+91.46	1863978.0887	638838.1650	P.C. CURVE 10
P.I.	337+75.96	1863985.4873	638922.3363	R = 1700'
P.T.	338+60.32	1864001.1960	639005.3592	P.T. CURVE 10
P.C.	339+86.07	1864024.5750	639128.9208	P.C. CURVE 11
P.I.	342+08.54	1864065.9352	639347.5158	R = 3500'
P.T.	344+30.42	1864079.2850	639569.5883	P.T. CURVE 11
P.C.	345+00.49	1864083.4899	639639.5367	P.C. CURVE 12
P.I.	345+96.06	1864089.2241	639734.9265	R = 900'
P.T.	346+90.91	1864074.7994	639829.3936	P.T. CURVE 12
P.C.	347+99.70	1864058.3773	639936.9417	P.C. CURVE 13
P.I.	349+40.17	1864037.1741	640075.8009	R = 460'
P.T.	350+72.36	1864097.1603	640202.8170	P.T. CURVE 13
P.C.	352+64.17	1864179.0695	640376.2531	P.C. CURVE 14
P.I.	353+59.29	1864219.6906	640462.2651	R = 550'
P.T.	354+52.55	1864229.0650	640556.9238	P.T. CURVE 14
P.C.	354+76.04	1864231.3799	640580.2991	P.C. CURVE 15
P.I.	355+97.97	1864243.3964	640701.6365	R = 8000'
P.T.	357+19.88	1864259.1051	640822.5513	P.T. CURVE 15
P.C.	358+40.23	1864274.6106	640941.9018	P.C. CURVE 16
P.I.	359+98.51	1864295.0022	641098.8621	R = 3750'
P.T.	361+56.61	1864302.0950	641256.9825	P.T. CURVE 16
P.C.	361+59.70	1864302.2335	641260.0700	P.C. CURVE 17
P.I.	362+72.20	1864307.2748	641372.4589	R = 375'
P.T.	363+78.29	1864249.6174	641469.0626	P.T. CURVE 17
P.C.	364+80.12	1864197.4320	641556.4982	P.C. CURVE 18
P.I.	365+89.77	1864141.2333	641650.6578	R = 310'
P.T.	366+90.91	1864156.7398	641759.2114	P.T. CURVE 18
P.C.	368+48.41	1864179.0113	641915.1227	P.C. CURVE 19
P.I.	368+61.56	1864180.8712	641928.1434	R = 5000'
P.T.	368+74.71	1864182.7997	641941.1541	P.T. CURVE 19

NOTE:
 ALIGNMENT LAYOUT INFORMATION FOR
 RECONSTRUCTION SECTION ONLY. THE REMAINDER
 OF THE ALIGNMENT SHOWN IN THE DRAWINGS IS
 FOR INFORMATIONAL PURPOSES ONLY.

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					MISCELLANEOUS TABLES
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.		COUNTY: ESSEX	REGION: 1			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



BRIDGE RAIL AND TRANSITION RAIL REPLACEMENT DETAILS
NOT TO SCALE

- NOTES:**
1. REMOVED GUIDE RAIL SHALL BE DELIVERED TO THE ESSEX COUNTY DPW. CONTRACTOR SHALL COORDINATE WITH THE COUNTY FOR A TIME AND LOCATION.
 2. PROPOSED BRIDGE RAIL POSTS SHALL BE PLACED CENTERED BETWEEN THE EXISTING BRIDGE RAIL POSTS AND SHALL BE PLACED NO FARTHER THAN 8'-3" APART. FIRST BRIDGE RAIL POST ON EACH END SHALL BE PLACED ABOVE.

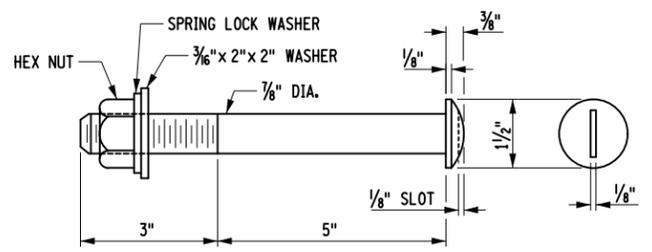
AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					DRAWING NO. MSD-1 SHEET NO. 13
MISCELLANEOUS DETAILS						ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						

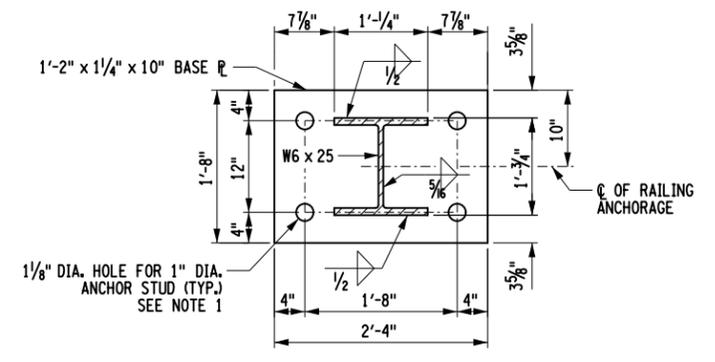
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 USER = lbach

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 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

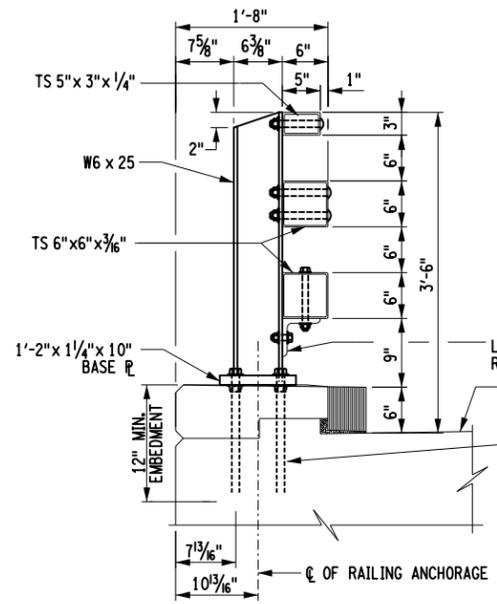


SLOTTED ROUND HEAD BOLT



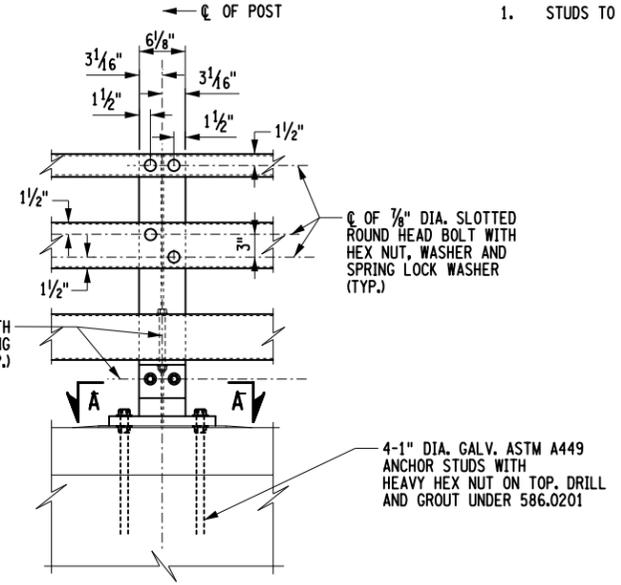
SECTION A-A
SCALE: NONE

NOTE:
 1. STUDS TO BE DRILLED AND GROUTED UNDER ITEM 586.0201.

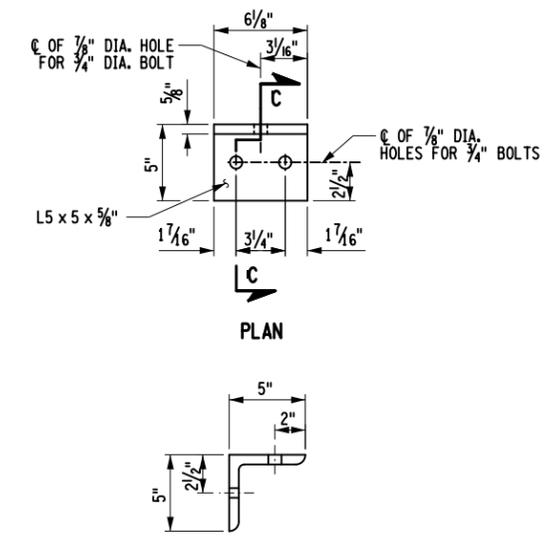


SECTION

**STEEL BRIDGE RAILING
(THREE-RAIL) WITH CURB**



ELEVATION



SECTION C-C

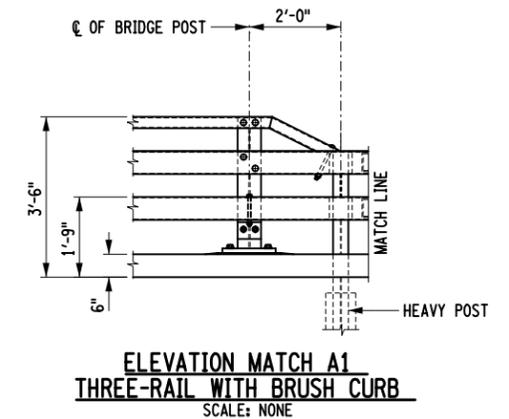
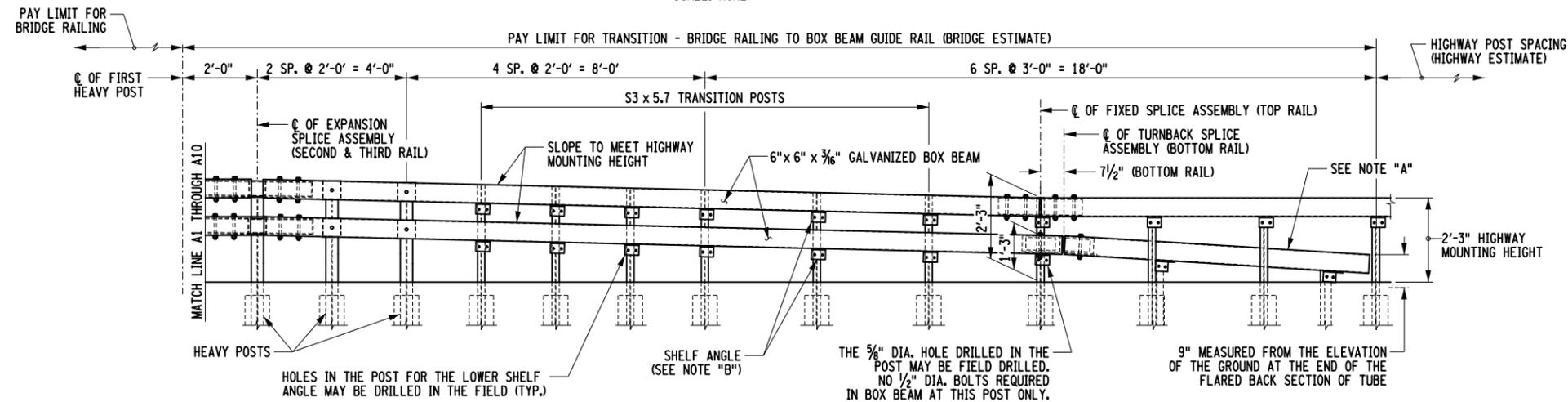
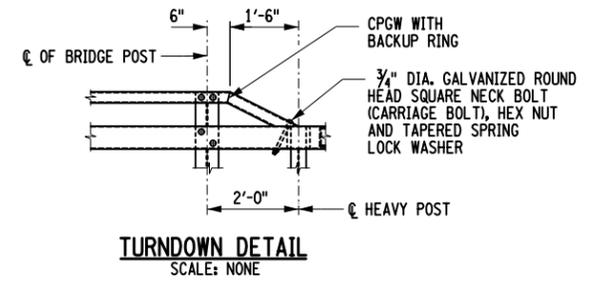
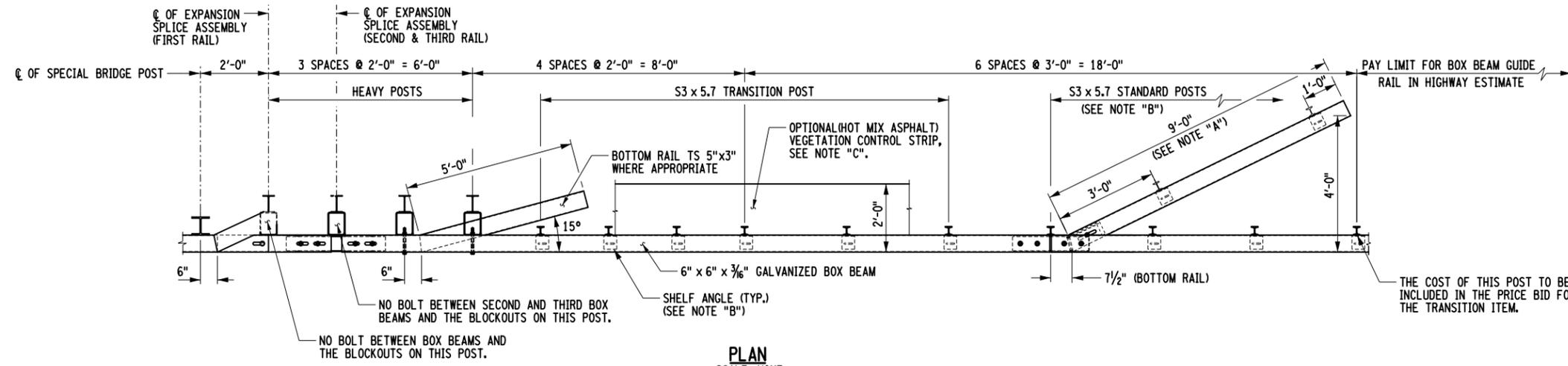
RAILING ANGLE DETAILS

NOTES:
 ALL RAILING IS TO BE FABRICATED AND ERECTED ACCORDING TO SECTION 568 OF THE STANDARD SPECIFICATIONS.
 PRIOR TO GALVANIZING THE ASSEMBLED POST, GRIND ALL EDGES TO A MINIMUM RADIUS OF 1/16".
 BOLTS SHALL BE TORQUED SNUG TIGHT (APPROXIMATELY 100 ft-lb.).

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909	
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84			MISCELLANEOUS DETAILS	DRAWING NO. MSD-2 SHEET NO. 14	
	COUNTY: ESSEX	REGION: 1					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = ... \CADD\175999_cph_msd_03.dgn
DATE/TIME = 5/19/2016
USER = lbach



AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: _____
 ALTERED BY: ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD
 NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS
 COUNTY: ESSEX REGION: 1

PIN 1759.99
 CR 84

BRIDGES
 3302660
 3302650
 3302670

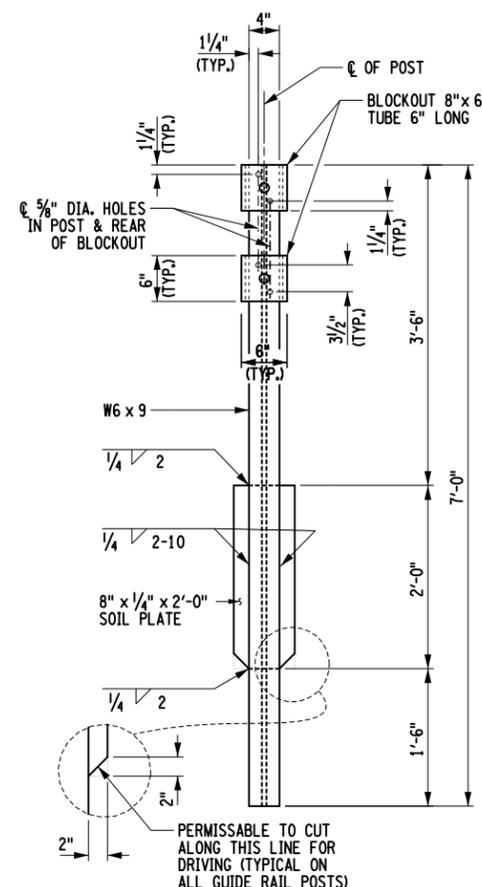
CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
 D034909
 DRAWING NO. MSD-3
 SHEET NO. 15

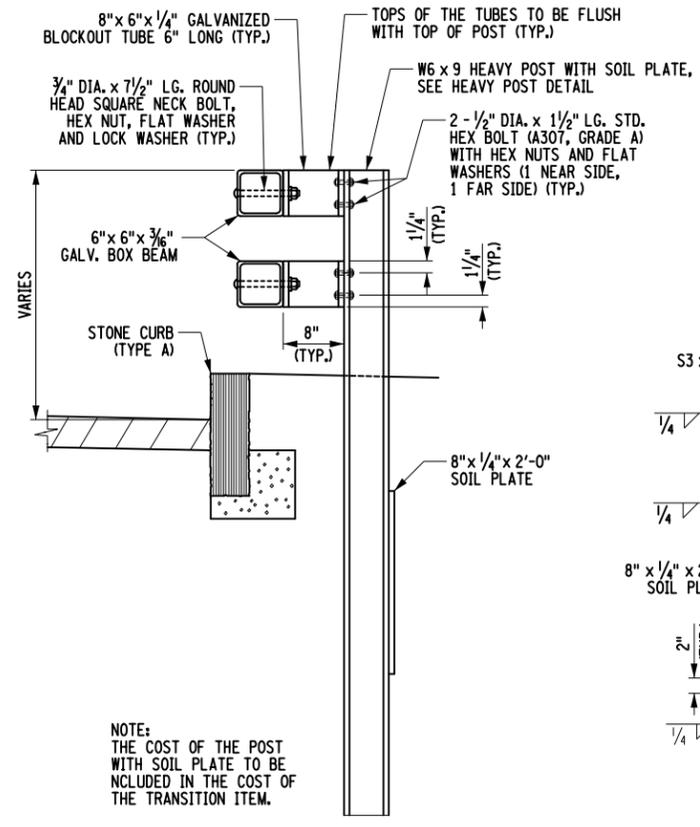
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

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 DATE/TIME = 5/19/2016
 USER = lbach

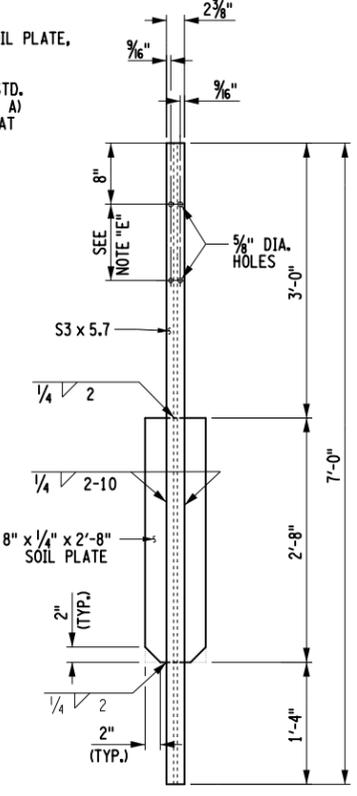
PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



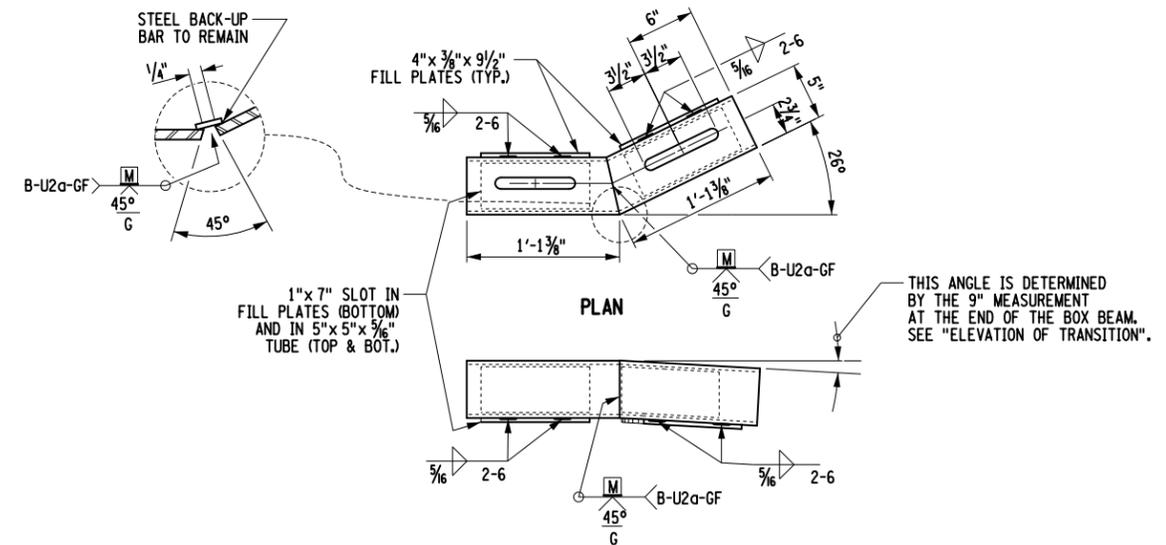
HEAVY POST DETAIL
SCALE: NONE



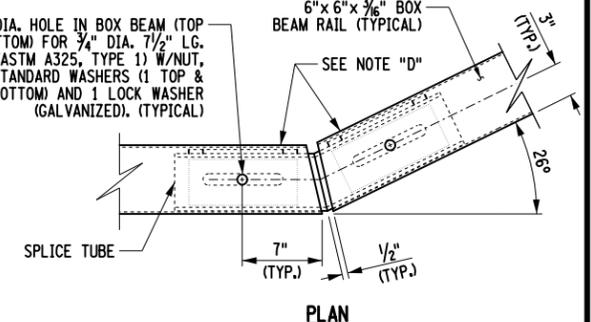
HEAVY POST ELEVATION
SCALE: NONE



TRANSITION POST DETAIL
SCALE: NONE

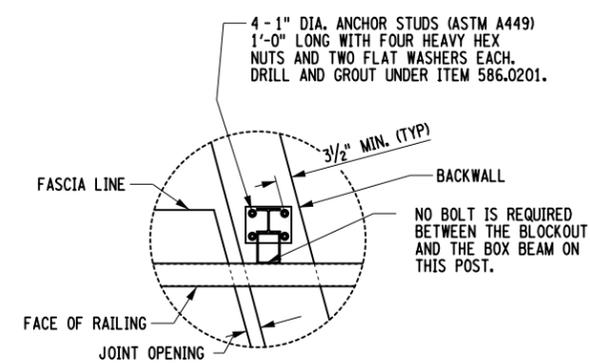


SPLICE TUBE DETAILS FOR TURN BACK
SCALE: NONE

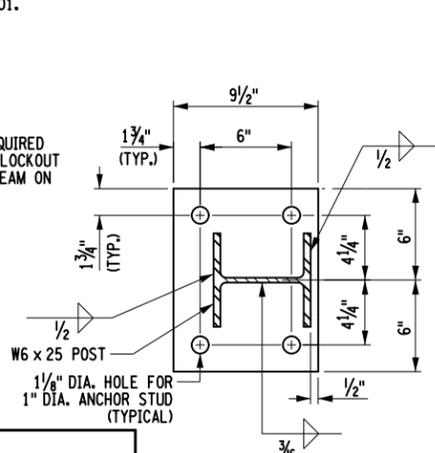


SPLICE DETAIL AT TURN BACK IN LOWER TRANSITION GUIDE RAIL

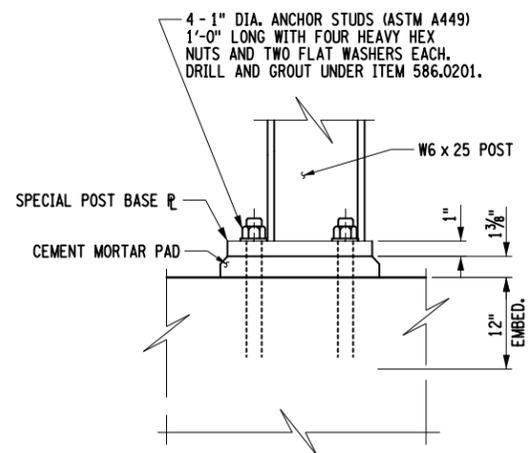
NOTES:
 NOTE "D": PROTRUSIONS CAUSED BY WELDING OR GALVANIZING ARE NOT PERMITTED ON THE ADJOINING SURFACES OF THE BOX BEAM RAILS, SPLICE TUBES AND FILL PLATES.
 NOTE "E": HOLES IN THE POST FOR THE LOWER RAIL MAY BE LOCATED AND DRILLED IN THE FIELD. IF SO, THE GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION 719-01.



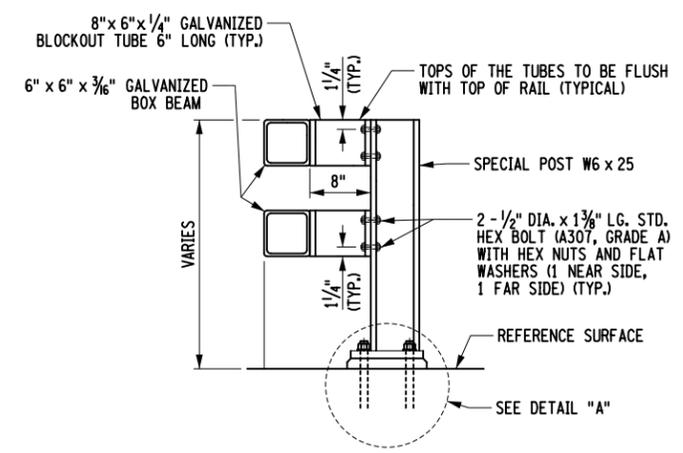
SPECIAL POST DETAIL



SPECIAL POST BASE PLATE DETAIL
SCALE: NONE



DETAIL "A"
SCALE: NONE



SPECIAL POST ELEVATION
SCALE: NONE

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: _____
 ALTERED BY: ON: _____

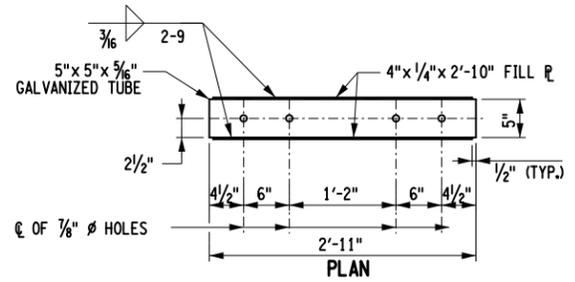


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. MSD-4
						SHEET NO. 16
	COUNTY: ESSEX	REGION: 1				

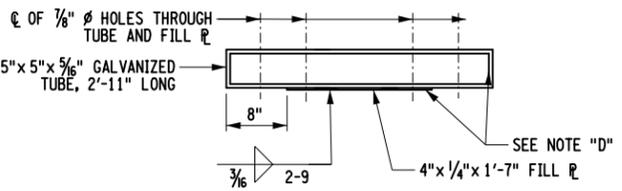
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

FILE NAME = ...CADD\175999_cph_msd.dwg
 DATE/TIME = 5/19/2016
 USER = lbaach

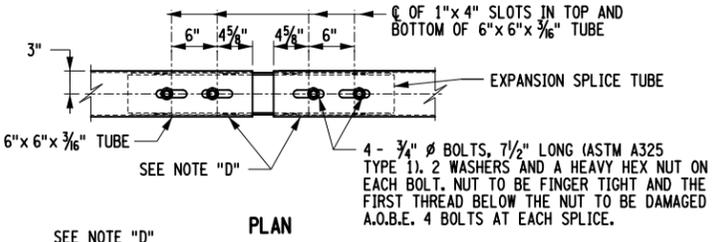
PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



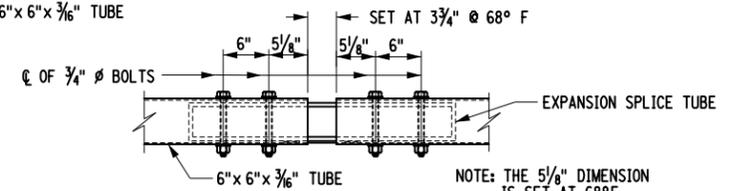
EXPANSION SPLICE TUBE
SCALE: NONE



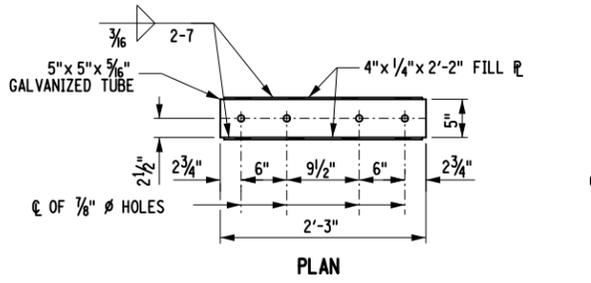
EXPANSION SPLICE TUBE
SCALE: NONE



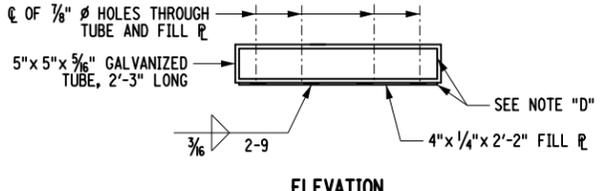
EXPANSION SPLICE TUBE ASSEMBLY
SCALE: NONE



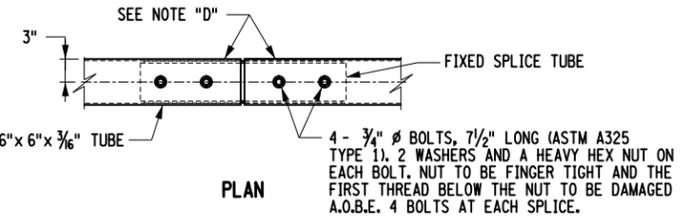
EXPANSION SPLICE TUBE ASSEMBLY
SCALE: NONE



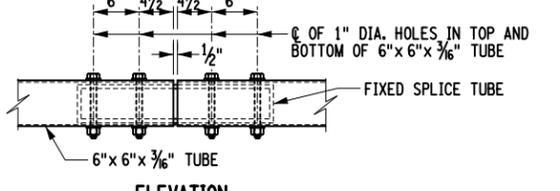
FIXED SPLICE TUBE
SCALE: NONE



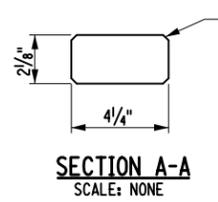
FIXED SPLICE TUBE
SCALE: NONE



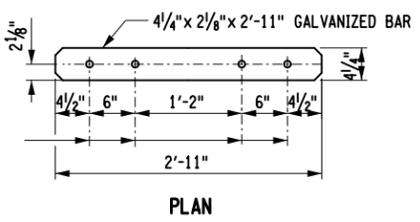
FIXED SPLICE TUBE ASSEMBLY
SCALE: NONE



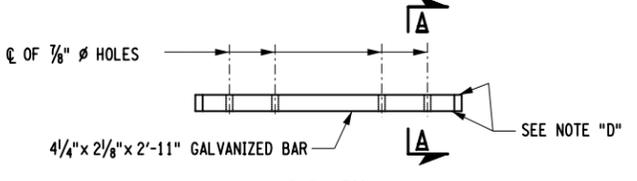
FIXED SPLICE TUBE ASSEMBLY
SCALE: NONE



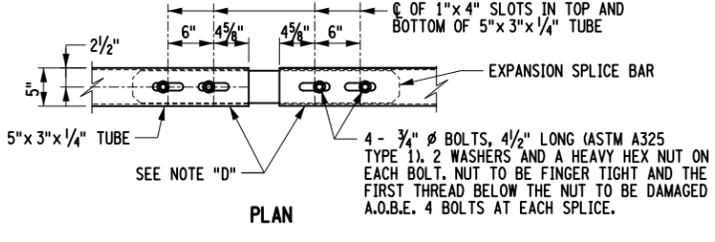
SECTION A-A
SCALE: NONE



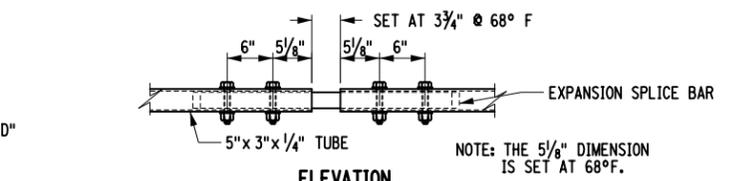
EXPANSION SPLICE BAR
SCALE: NONE



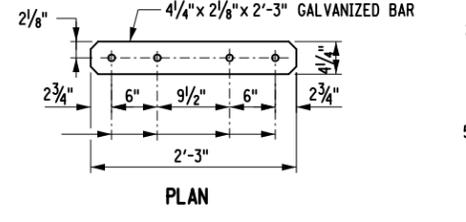
EXPANSION SPLICE BAR
SCALE: NONE



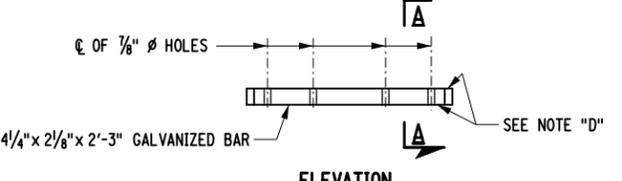
EXPANSION SPLICE BAR ASSEMBLY
SCALE: NONE



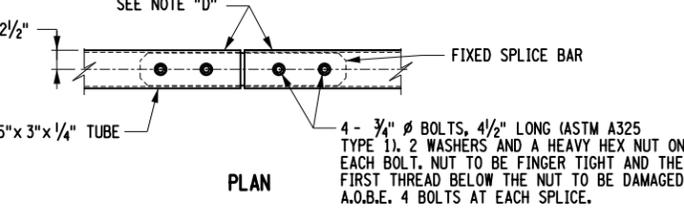
EXPANSION SPLICE BAR ASSEMBLY
SCALE: NONE



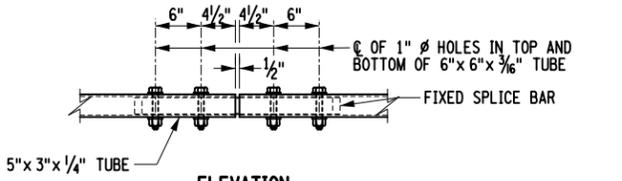
FIXED SPLICE BAR
SCALE: NONE



FIXED SPLICE BAR
SCALE: NONE



FIXED SPLICE BAR ASSEMBLY
SCALE: NONE



FIXED SPLICE BAR ASSEMBLY
SCALE: NONE

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

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD
 NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS
 COUNTY: ESSEX REGION: 1

PIN 1759.99
 CR 84

BRIDGES
 3302660
 3302650
 3302670

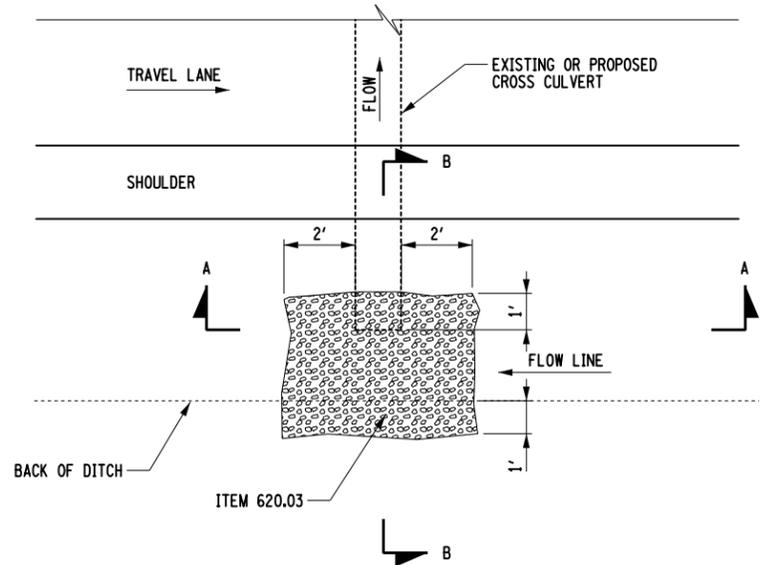
CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
 D034909
 DRAWING NO. MSD-5
 SHEET NO. 17

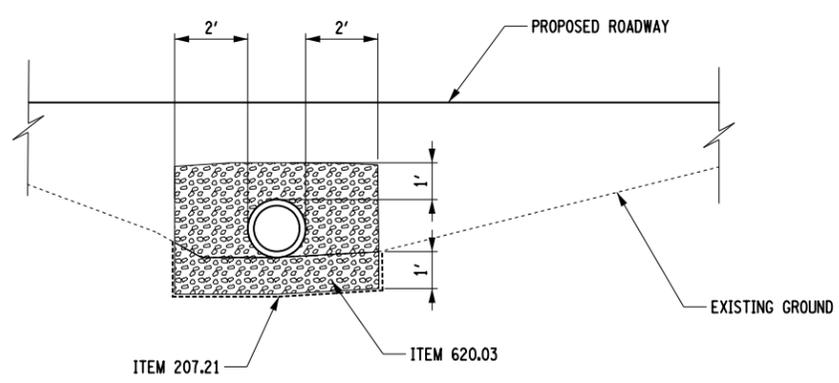
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



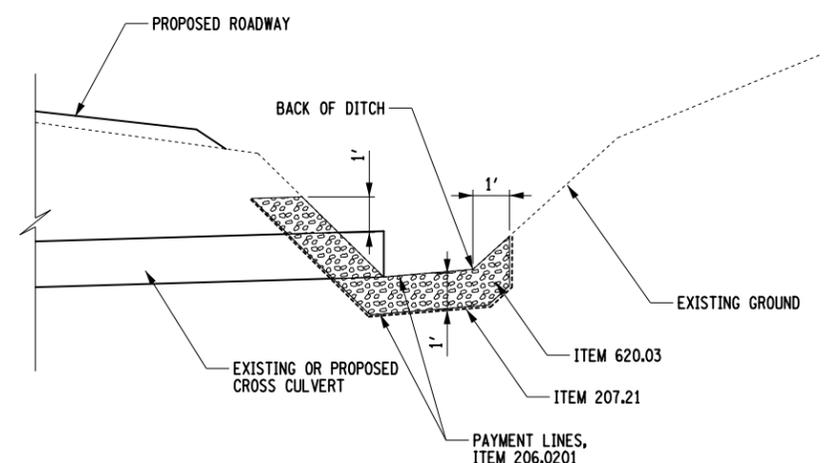
PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



PLAN
NOT TO SCALE

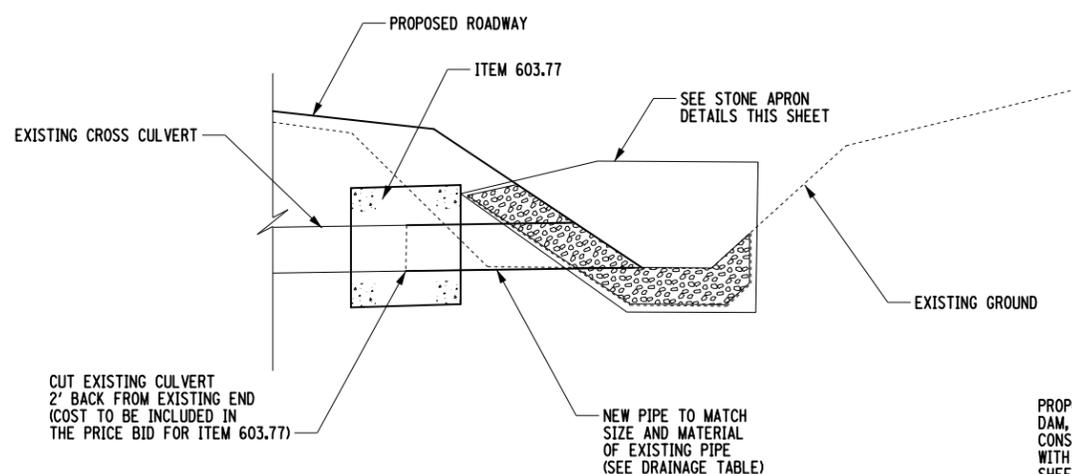


SECTION A-A
NOT TO SCALE

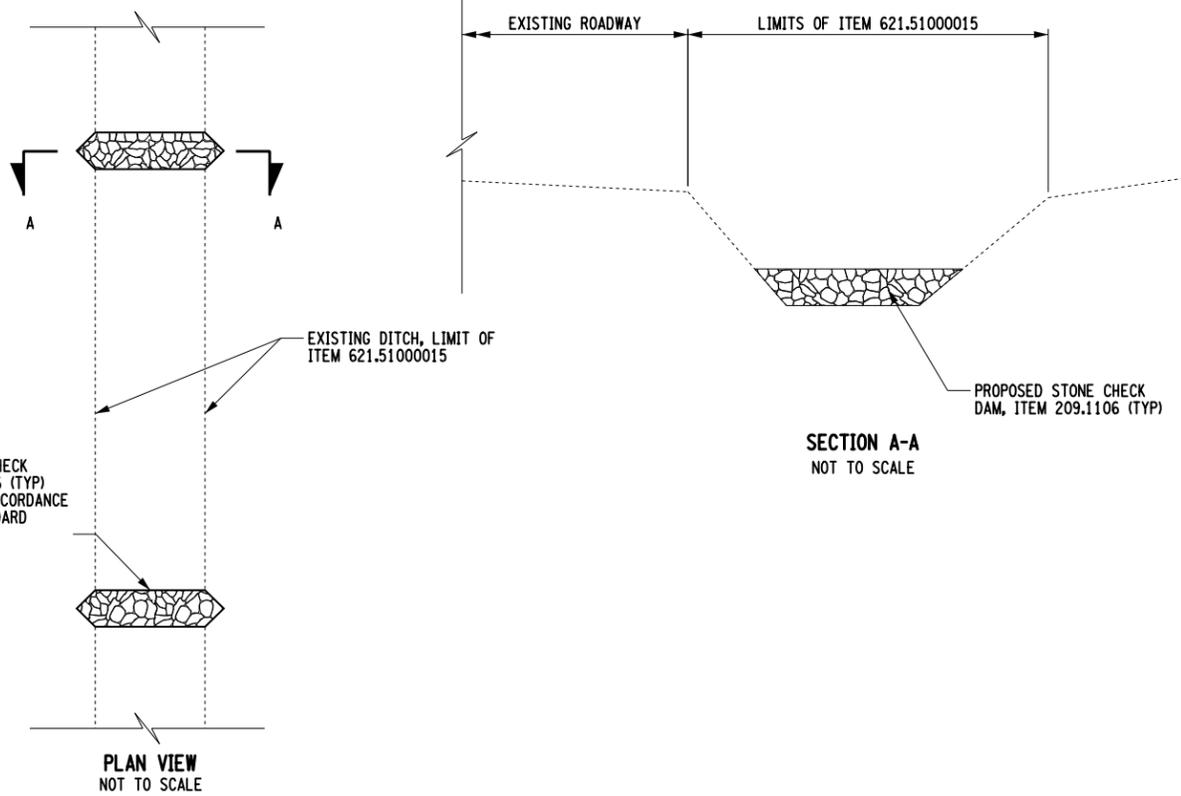


SECTION B-B
NOT TO SCALE

STONE APRON DETAILS
NOT TO SCALE



CULVERT EXTENSION DETAIL
NOT TO SCALE



SECTION A-A
NOT TO SCALE

PLAN VIEW
NOT TO SCALE

PROPOSED STORMWATER TREATMENT WET SWALE DETAILS
NOT TO SCALE

NOTE:

- THE CONTRACTOR SHALL PROVIDE AT LEAST 875 CF OF STORMWATER TREATMENT TO MEET NYSDEC SWPPP REQUIREMENTS. THIS WILL BE DONE BY CLEANING EXISTING DITCHES WITHIN THE PROJECT LIMITS AND INSTALLING CHECK DAMS AS SHOWN IN THE DETAILS ON THIS SHEET. THE APPROXIMATE LOCATIONS ARE SHOWN ON THE SIGNING SHEETS. DEPENDING ON THE BOTTOM WIDTH OF THE DITCH THE REQUIRED LENGTH WILL VARY AS LISTED BELOW:

2' WIDE = 0.25 CF/LF
 4' WIDE = 0.35 CF/LF
 6' WIDE = 0.45 CF/LF

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING PROPOSED LENGTHS OF STORMWATER TREATMENT SWALES TO BE CONSTRUCTED AND THE RESPECTIVE STORAGE CAPACITY FOR APPROVAL BY THE ENGINEER. THE SWPPP WILL BE AMENDED AS NECESSARY TO MEET FIELD CONDITIONS.

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

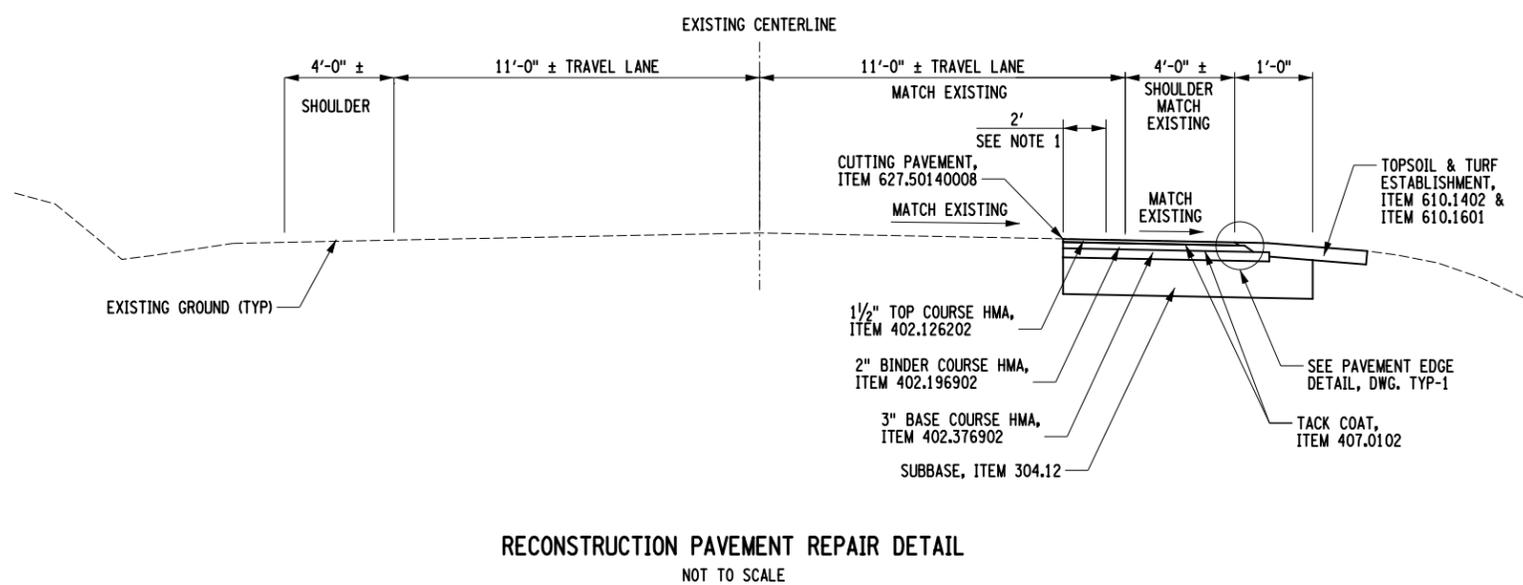
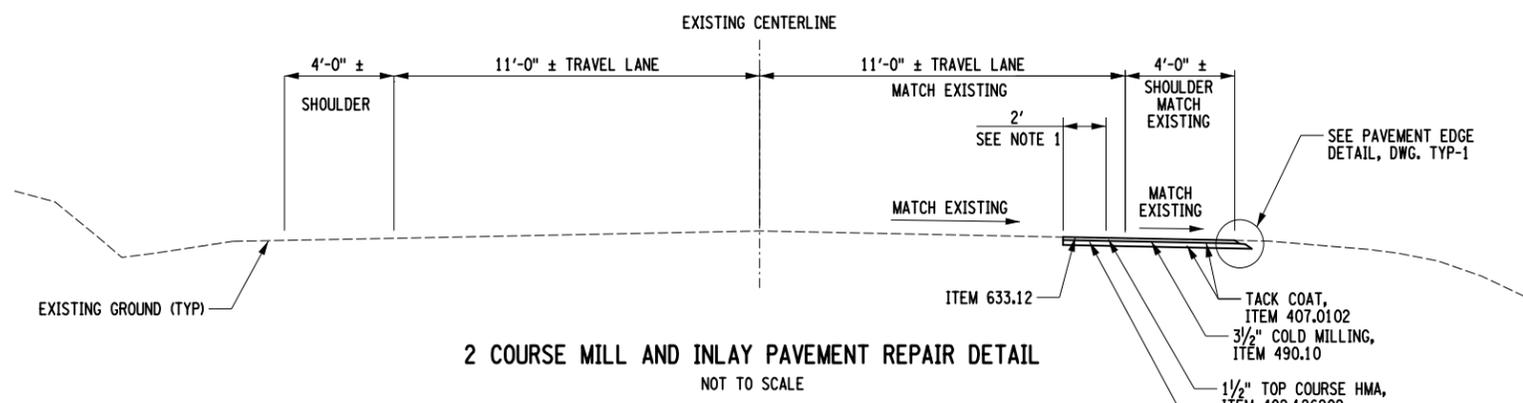
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. MSD-6 SHEET NO. 18
	COUNTY: ESSEX	REGION: 1				ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						

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 DATE/TIME = 5/19/2016
 USER = lbach

FILE NAME = ... \CADD\175999_cph_msd.dwg
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

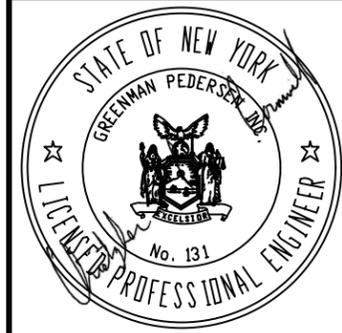
PAVEMENT REPAIR LOCATIONS				
REPAIR AREA		NORTHING	EASTING	PROPOSED TREATMENT
1	FROM	1863926.6082	625131.7505	2 COURSE MILL & INLAY
	TO	1863975.1863	625254.9167	
2	FROM	1861688.5343	626713.8272	RECONSTRUCT
	TO	1861517.6362	626807.5683	
3	FROM	1866646.0198	690311.0702	2 COURSE MILL & INLAY
	TO	1866623.6608	690367.2775	



NOTES:

1. WIDTH OF REPAIR SHALL BE 2' FROM THE EDGE OF THE DISTRESSED PAVEMENT AS DIRECTED BY THE ENGINEER. FOR ESTIMATING PURPOSES IT WAS ASSUMED THE REPAIR AREA WOULD BE 10' WIDE.
2. TGL SHALL BE THE SAWCUT LINE. CROSS SLOPE SHALL MATCH EXISTING.
3. TACK COAT SHALL BE APPLIED IN ACCORDANCE WITH SECTION 407 OF THE NYS DOT STANDARD SPECIFICATIONS.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84			MISCELLANEOUS DETAILS	DRAWING NO. MSD-7 SHEET NO. 19
	COUNTY: ESSEX	REGION: 1				

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

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

STORMWATER POLLUTION PREVENTION AND TEMPORARY SOIL EROSION AND SEDIMENT CONTROL - GENERAL REQUIREMENTS

1. THE CONTRACTOR SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE EROSION AND SEDIMENT CONTROL PLANS FOR THIS CONTRACT AT ALL TIMES. WHENEVER SILTATION OR TURBIDITY IS DETECTED IN RECEIVING WATERS, WORK SHALL STOP AND CORRECTIVE MEASURES TAKEN TO STOP THE POLLUTION FROM OCCURRING. ALL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT STABILIZATION MEASURES ARE OBTAINED.
2. ALL SEDIMENT AND EROSION CONTROL WORK REQUIRED BY THE CONTRACT DOCUMENTS WILL BE COMPLETED UNDER THE PROVISIONS OF SECTION 209 - "TEMPORARY SOIL EROSION AND SEDIMENT CONTROL" AND ITEMS IN THE CONTRACT, WITH THE EXCEPTION OF WORK COMPLETED UNDER SEPARATE NON-EROSION PAY ITEMS PROVIDED IN THIS CONTRACT.
3. THE CONTRACTOR'S ATTENTION IS ALSO DIRECTED TO SECTION 107-12 "WATER QUALITY PROTECTION" OF THE SPECIFICATIONS. ANY ACTIVITY OR REVISION TO THE CONTRACT INITIATED BY THE CONTRACTOR SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF SECTION 107-12 UNLESS OTHERWISE ORDERED BY THE ENGINEER.
4. THE CONTRACTOR SHALL PREPARE A SCHEDULE FOR ACCOMPLISHING TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK IN ACCORDANCE WITH SECTIONS 107-12 AND 209 OF THE SPECIFICATIONS. THE CONSTRAINTS OF SECTION 209 OF THE SPECIFICATIONS SHALL BE REFLECTED IN THE ESTIMATED DATE FOR COMPLETING PERMANENT EROSION AND SEDIMENT CONTROL WORK. PARTICULAR ATTENTION IS DIRECTED TO THE REQUIREMENTS THAT FINAL GRADING AND PERMANENT SEEDING OF DISTURBED AREAS OF THE CONTRACT OCCUR PROGRESSIVELY THROUGH CONSTRUCTION PERIOD. PERMANENTLY STABILIZE COMPLETED AREAS WHENEVER IT IS REASONABLE TO AS DETERMINED BY THE ENGINEER.
5. THE CONTRACTOR SHALL PERFORM NECESSARY WORK TO ISOLATE CONSTRUCTION WORK AREAS AND ACTIVITIES, STAGING AREAS, PLATFORMS, OR OTHER AREAS TO BE DISTURBED FROM WATER COURSES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS WITH APPROVED TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IN ACCORDANCE WITH SECTION 209-3.04 - TEMPORARY SEED AND MULCH.
6. THE CONTRACTOR SHALL CONDUCT WEEKLY, ON THURSDAYS, AND AFTER EVERY RAIN STORM OF 1/2" OR GREATER, INSPECTIONS OF TEMPORARY SEDIMENT AND POLLUTION CONTROL STRUCTURES, SEEDING AND MULCH AREAS, EROSION CONTROL BLANKETS, OR OTHER CONTRACT WORK TO ENSURE THAT IT IS FUNCTIONING AS REQUIRED AND IS IN GOOD CONDITION. THE CONTRACTOR SHALL PROVIDE A WRITTEN REPORT OF THIS INSPECTION TO THE ENGINEER, WITHIN 24 HOURS AND, AS DIRECTED BY THE ENGINEER, SHALL MAKE APPROPRIATE CORRECTIONS AND REPLACEMENTS OR PERFORM MAINTENANCE (INCLUDING THE REMOVAL OF ACCUMULATED SILT) BY CLOSE OF BUSINESS ON THE DAY FOLLOWING THE INSPECTION, WHICH IS FRIDAY FOR WEEKLY INSPECTIONS. THE DESIGNATED DAY FOR WEEKLY INSPECTIONS FOLLOW-UP WORK AND REPORTS SHALL BE ADJUSTED APPROPRIATELY TO ACCOMMODATE FOR HOLIDAYS.
7. THE CONTRACTOR SHALL MAINTAIN THE EXISTING DRAINAGE SYSTEMS SO THAT THEY REMAIN FREE OF SEDIMENT AND DEBRIS DURING THE COURSE OF CONSTRUCTION. COST TO BE INCLUDED UNDER VARIOUS TEMPORARY SOIL EROSION CONTROL ITEMS. NO SEPARATE PAYMENT WILL BE MADE.
8. SOIL EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO STARTING THE CLEARING AND GRUBBING OPERATIONS AND EARTHWORK CONSTRUCTION. ALL APPROPRIATE DEVICES SHALL REMAIN IN PLACE UNTIL NEW SLOPES AND EXPOSED EARTHEN SURFACES ARE STABILIZED A.O.B.E. TEMPORARY SOIL EROSION DEVICES MAY BE LEFT IN PLACE AT COMPLETION OF THIS CONTRACT WITH PERMISSION OF THE ENGINEER. ALL OTHER DEVICES SHALL BE REMOVED AND THE DISTURBED AREA RESTORED UNDER SECTION 107-12 THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED IN THE PLANS.
9. ALL STOCKPILES OF ERODIBLE MATERIAL SHALL BE RINGED WITH SILT FENCE. ALL RUNOFF SHALL BE DIVERTED TO AN APPROPRIATE SEDIMENT CONTROL STRUCTURE. STOCKPILES EXPOSED FOR LONGER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY MULCH ITEM 209.1003, OR OTHER MEANS OF TEMPORARY STABILIZATION.
10. THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF ANY APPLICABLE FEDERAL OR STATE CERTIFICATIONS/PERMITS THAT PERTAIN TO THIS PROJECT.
11. ANY WORK WITHIN A WATER BODY SHALL BE LIMITED TO THE WORK AREA LIMITS SHOWN ON THE CONTRACT DOCUMENTS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND TAKE APPROPRIATE MEASURES TO PREVENT CONTAMINATION OF ALL WATER BODIES BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS OR PAINT CONCRETE OR LEACHATE, DUST OR ANY OTHER POLLUTION ASSOCIATED WITH THE CONTRACTOR'S OPERATIONS.
13. DURING CONCRETE POURING, NO FRESH CONCRETE LEACHATE, OR WASH WATER SHALL BE ALLOWED TO ENTER INTO ANY WATER BODY. POLLUTED WATER SHALL BE COLLECTED AND TRANSPORTED TO AN OFF-SITE, APPROVED WASTE TREATMENT FACILITY OR DISPOSAL SITE IF NO ON-SITE AREA IS SUITABLE FOR TREATMENT OF WASH WATER AS DETERMINED BY THE ENGINEER.

14. IF EARTHWORK IS PROPOSED ON SLOPES A SILT FENCE (ITEM 209.13) SHALL BE PLACED ALONG A CONTINUOUS CONTOUR BETWEEN PROPOSED DISTURBED AREAS AND ANY EXISTING DRAINAGE DITCH, WATER COURSE, OR IMPOUNDMENT PRIOR TO EARTH EXCAVATION OR DISTURBANCE ACTIVITIES UNLESS OTHERWISE APPROVED BY THE ENGINEER. SILT FENCES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED WITH TURF OR OTHER EROSION RESISTANT MATERIALS AS SPECIFIED IN THE CONTRACT DOCUMENTS.
15. OTHER EROSION PROTECTION MEASURES OR STRUCTURES MAY BE REQUIRED AS CONDITIONS WARRANT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROTECTION FOR ANY WATER BODY ADJACENT TO OR DOWN GRADIENT FROM THE PROJECT, AND TO PROTECT ADJACENT PROPERTIES FROM DAMAGE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED WITH TURF OR OTHER PERMANENT MEASURES AS CALLED FOR IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REPLACE OR REPAIR POLLUTION CONTROL STRUCTURES THAT FAIL AS QUICKLY AS POSSIBLE. THE CONTRACTOR SHALL BE PAID FOR THE WORK SPECIFIED IN THE CONTRACT DOCUMENTS UNDER APPROPRIATE PAYMENT ITEMS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 209 OF THE SPECIFICATIONS. MULCH APPLIED FOR PERMANENT SEEDING SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 610.1601 - TURF ESTABLISHMENT - ROADSIDE.
16. IN THE EVENT DEWATERING OPERATIONS BECOME NECESSARY, A SETTLING BASIN WILL BE REQUIRED UNLESS THE PUMP DISCHARGE IS FREE AND CLEAR OF SEDIMENT A.O.B.E. THE LOCATION AND DESIGN SHALL BE APPROVED BY THE ENGINEER. ALL COSTS TO BE INCLUDED IN THE UNIT BID PRICE OF VARIOUS EROSION CONTROL ITEMS. NO SEPARATE PAYMENT WILL BE MADE.
17. IN ADDITION TO THE DETAILS AND SPECIFICATIONS PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL REFER TO THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS FOR ADDITIONAL INFORMATION REGARDING THE INTENDED PURPOSE, DESIGN CRITERIA, AND MATERIAL SPECIFICATIONS.
18. EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE NYSDOT STANDARD SHEETS.
19. THE CONTRACTOR SHALL GRADE AND TRIM ALL SLOPES AS THE EXCAVATION PROGRESSES AND AT A MINIMUM MULCH ALL FINAL GRADED SLOPES WITHIN TWO DAYS OR AS ORDERED BY THE ENGINEER.
20. THE CONTRACTOR SHALL HAVE A HYDROSEEDER AND/OR MULCHING MACHINE AVAILABLE FOR THE PROJECT AT ALL TIMES. COST TO BE INCLUDED UNDER ITEM 209.1003.
21. ANY SCHEME PROPOSED BY THE CONTRACTOR TO ACCOMPLISH EROSION PREVENTION AND SEDIMENT CONTROL SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.
22. THE CONTRACTOR, AS PART OF THE WORK TO BE PERFORMED SHALL NOT IMPACT THE EXISTING WATER FLOW IN ANY WATER BODY.

7. THE CONTRACTOR SHALL RESTORE THE AREA BACK TO ITS ORIGINAL FORM WHERE TEMPORARY ENTRANCES/ACCESS ROADS WERE CONSTRUCTED TO BUILD THE ROAD. COST TO BE INCLUDED IN ITEM 209.22.
8. THE CONTRACTOR SHALL TOPSOIL AND SEED FINAL GRADE SLOPES AS SHOWN IN THE TYPICAL SECTIONS.
9. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY SOIL EROSION CONTROL DEVICES UNTIL TURF HAS BEEN ESTABLISHED. COST TO BE INCLUDED IN VARIOUS EROSION CONTROL ITEMS.

TEMPORARY SOIL EROSION CONTROL SEQUENCE OF INSTALLATION

1. INSTALL TEMPORARY SOIL EROSION CONTROL DEVICES AS SHOWN ON THE PLANS.
2. THE EXISTING VEGETATION WITHIN THE DELINEATED CONSTRUCTION AREA SHALL BE CUT FLUSH WITH THE GROUND AND GRUBBED. COST TO BE INCLUDED UNDER ITEM 201.06.
3. CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED A.O.B.E. PER STANDARD SHEET 209-5. PAYMENT UNDER ITEM 209.22.
4. WHERE BARE SOIL IS CREATED, INSTALL TEMPORARY SEED & MULCH TO PREVENT SOIL EROSION A.O.B.E. COST TO BE INCLUDED UNDER ITEM 209.1003.
5. THE CONTRACTOR SHALL EMPLOY ADEQUATE PROTECTIVE DEVICES, SUCH AS PLATFORMS, NETS, OR SCREENS TO CATCH ALL CONSTRUCTION DEBRIS GENERATED FROM CONSTRUCTION OPERATIONS ON THE BRIDGES. ANY MATERIAL NOT CAUGHT BY THE PROTECTIVE DEVICES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR IMMEDIATELY AND BEFORE ANY CONSTRUCTION OPERATIONS CAN CONTINUE. COST TO BE INCLUDED IN VARIOUS BRIDGE CONSTRUCTION ITEMS. NO ADDITIONAL PAYMENT WILL BE MADE.

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84			EROSION CONTROL NOTES	DRAWING NO. ECN-1 SHEET NO. 20
	COUNTY: ESSEX	REGION: 1				

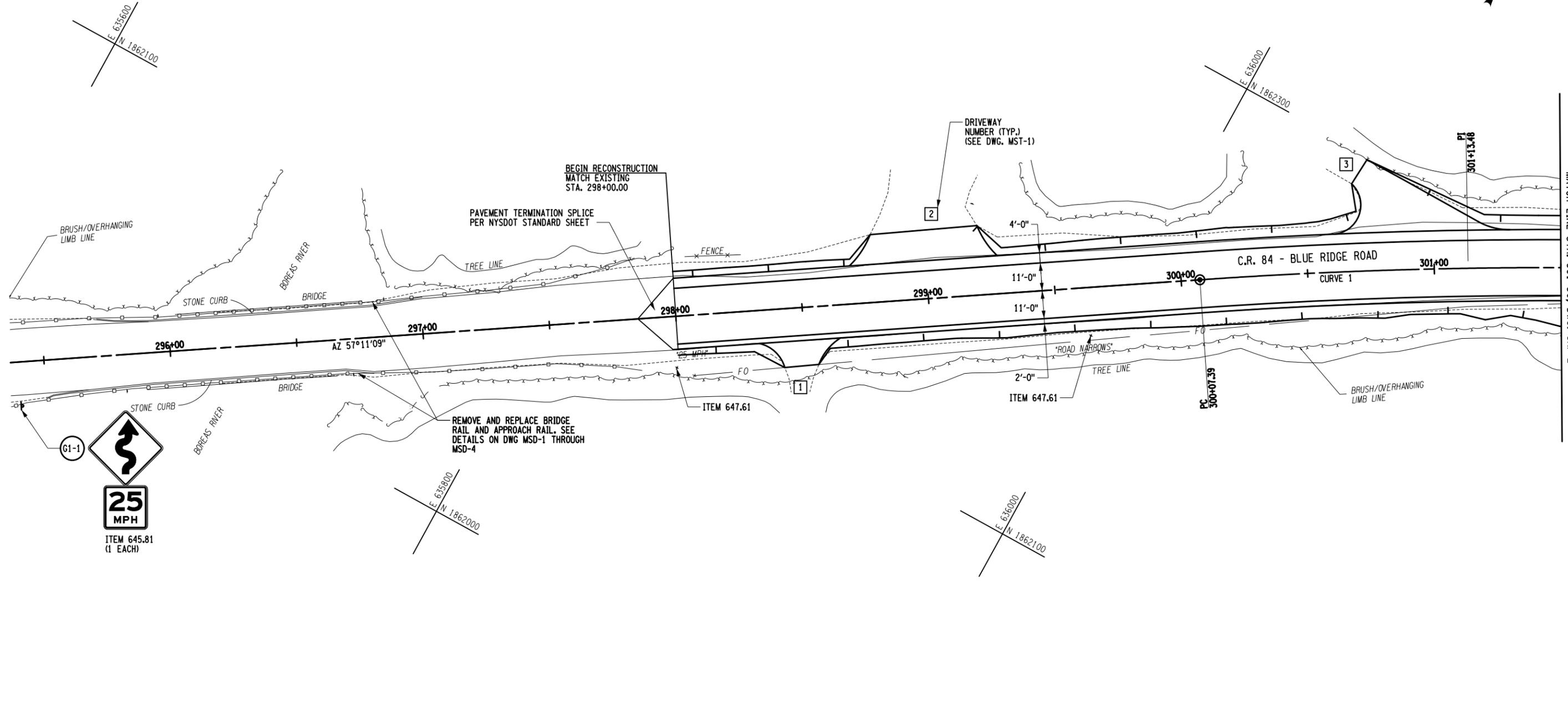
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

GPI	GREENMAN-PEDERSEN, INC.		ESSEX COUNTY
	CONSULTING ENGINEERS		DEPARTMENT OF PUBLIC WORKS

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



MATCH LINE STA. 301+50, DWG. GNP-2

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 DATE/TIME = 5/19/2016
 USER = lbach

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

ALTERED BY:
 ON: _____

CURVE 1	
P.C. =	300+07.39
P.T. =	302+19.37
R =	2000.00'
L =	211.98'
Δ =	6°04'22" RT

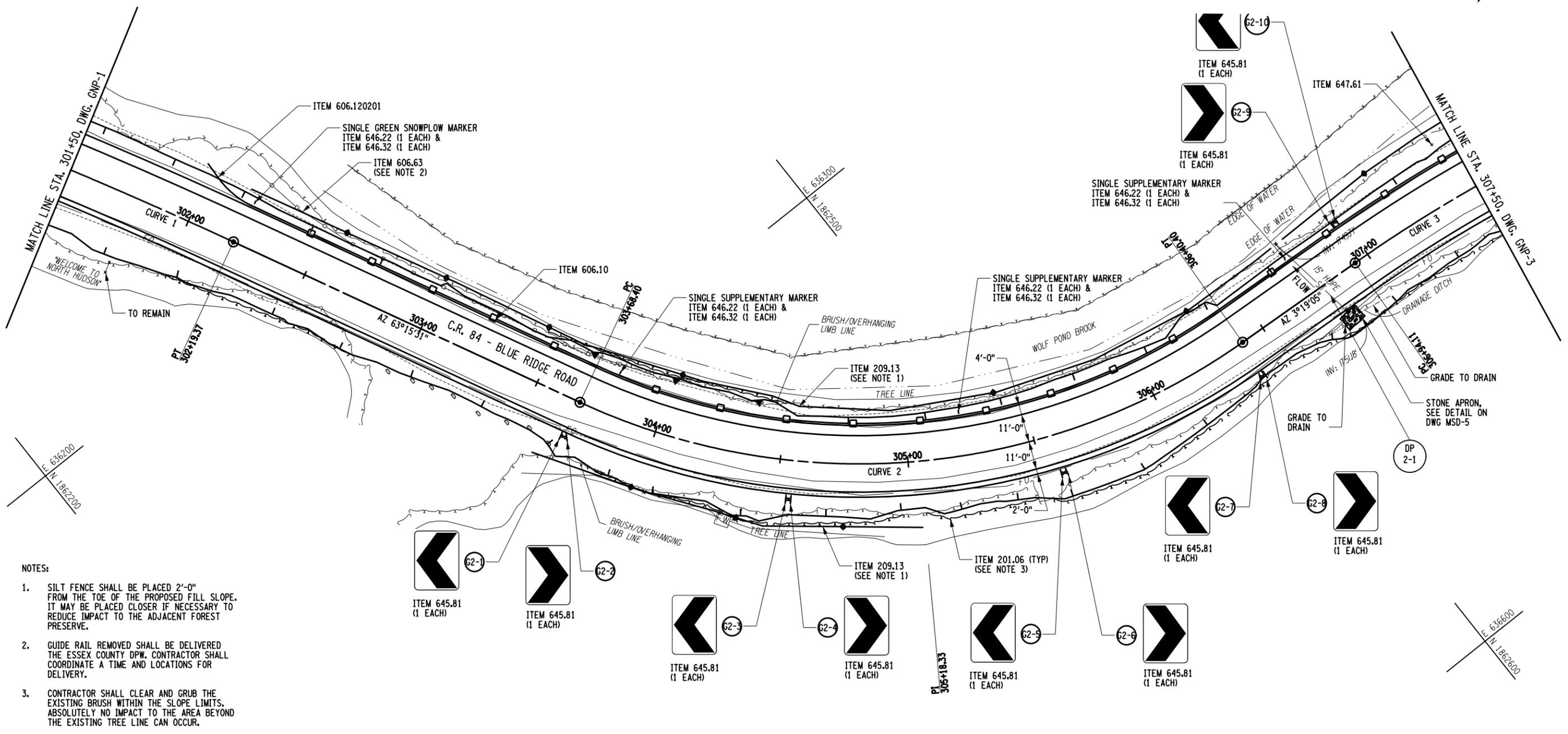


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				GENERAL PLAN
COUNTY: ESSEX		REGION: 1			GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS	

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.

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C

PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



- NOTES:
- SILT FENCE SHALL BE PLACED 2'-0" FROM THE TOE OF THE PROPOSED FILL SLOPE. IT MAY BE PLACED CLOSER IF NECESSARY TO REDUCE IMPACT TO THE ADJACENT FOREST PRESERVE.
 - GUIDE RAIL REMOVED SHALL BE DELIVERED THE ESSEX COUNTY DPW. CONTRACTOR SHALL COORDINATE A TIME AND LOCATIONS FOR DELIVERY.
 - CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

CURVE 1	CURVE 2	CURVE 3
P.C. = 300+07.39	P.C. = 303+68.40	P.C. = 306+94.11
P.T. = 302+19.37	P.T. = 306+40.40	P.T. = 309+32.58
R = 2000.00'	R = 260.00'	R = 570.00'
L = 211.98'	L = 272.00'	L = 238.47'
Δ = 6°04'22" RT	Δ = 59°56'26" LT	Δ = 23°58'14" RT

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: _____

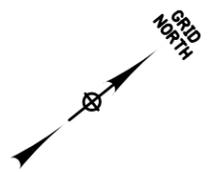
ALTERED BY: ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. GNP-2 SHEET NO. 22
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.			COUNTY: ESSEX	REGION: 1	GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS	ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

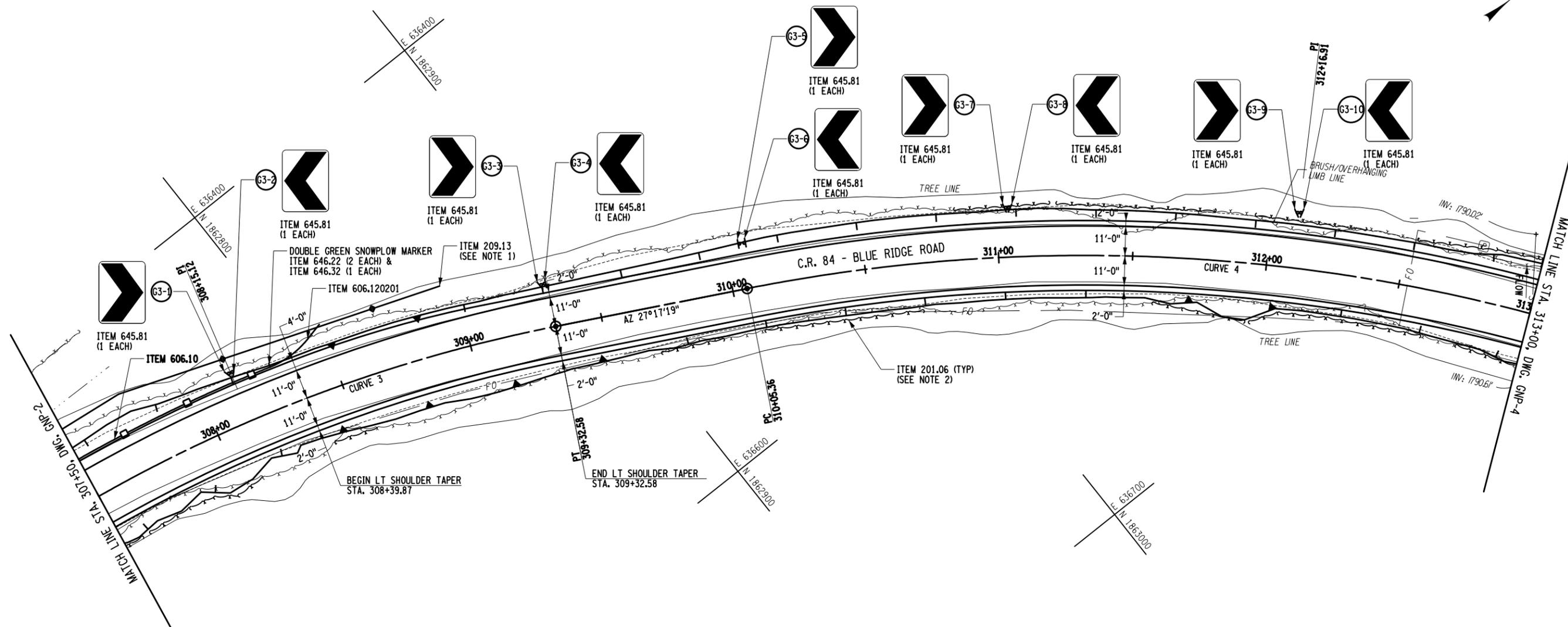


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 DATE/TIME = 5/19/2016
 USER = lbach

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



- NOTES:
- SILT FENCE SHALL BE PLACED 2'-0" FROM THE TOE OF THE PROPOSED FILL SLOPE. IT MAY BE PLACED CLOSER IF NECESSARY TO REDUCE IMPACT TO THE ADJACENT FOREST PRESERVE.
 - CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

CURVE 3	CURVE 4
P.C. = 306+94.11	P.C. = 310+05.36
P.T. = 309+32.58	P.T. = 314+14.40
R = 570.00'	R = 650.00'
L = 238.47'	L = 409.04'
Δ = 23°58'14" RT	Δ = 36°03'22" RT



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

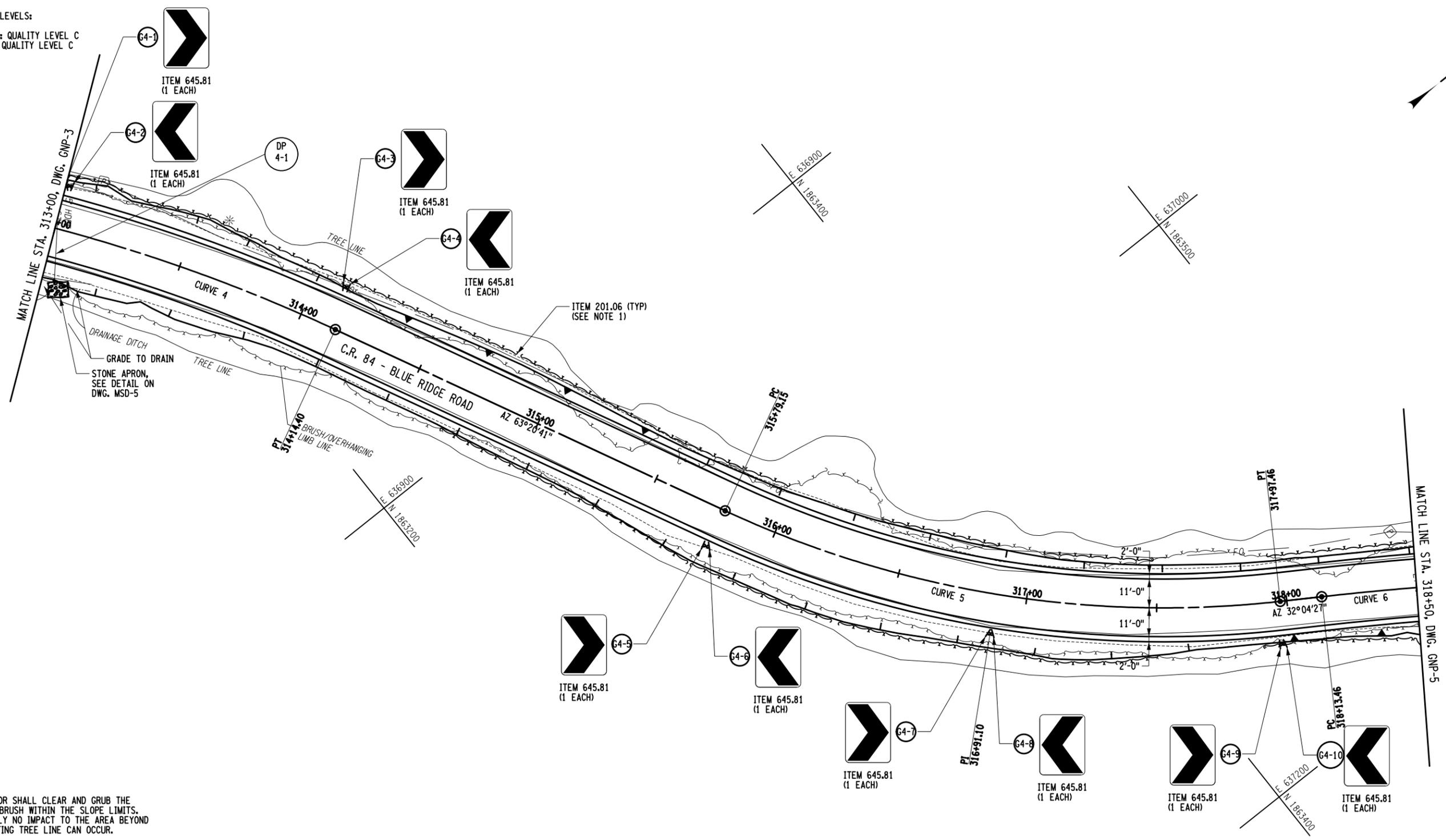
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 ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. GNP-3 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.					GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS	
					ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS	

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 DATE/TIME = 5/19/2016
 USER = lbach

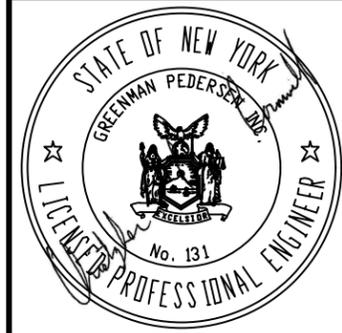
PROJECT MANAGER: E. SNYDER
 CHECK: E. SNYDER
 DRAFTING: L. BACH
 DESIGN: L. BACH
 JOB MANAGER: E. SNYDER
 DESIGN SUPERVISOR: C. CORNWELL

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



NOTE:
 1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



CURVE 4	CURVE 5	CURVE 6
P.C. = 310+05.36	P.C. = 315+79.15	P.C. = 318+13.46
P.T. = 314+14.40	P.T. = 317+97.46	P.T. = 320+93.99
R = 650.00'	R = 400.00'	R = 1200.00'
L = 409.04'	L = 218.31'	L = 280.53'
Δ = 36°03'22" RT	Δ = 31°16'14" LT	Δ = 13°23'40" RT

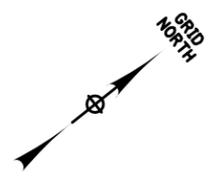
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84			GENERAL PLAN	DRAWING NO. GNP-4 SHEET NO. 24
						ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS
	COUNTY: ESSEX	REGION: 1				

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

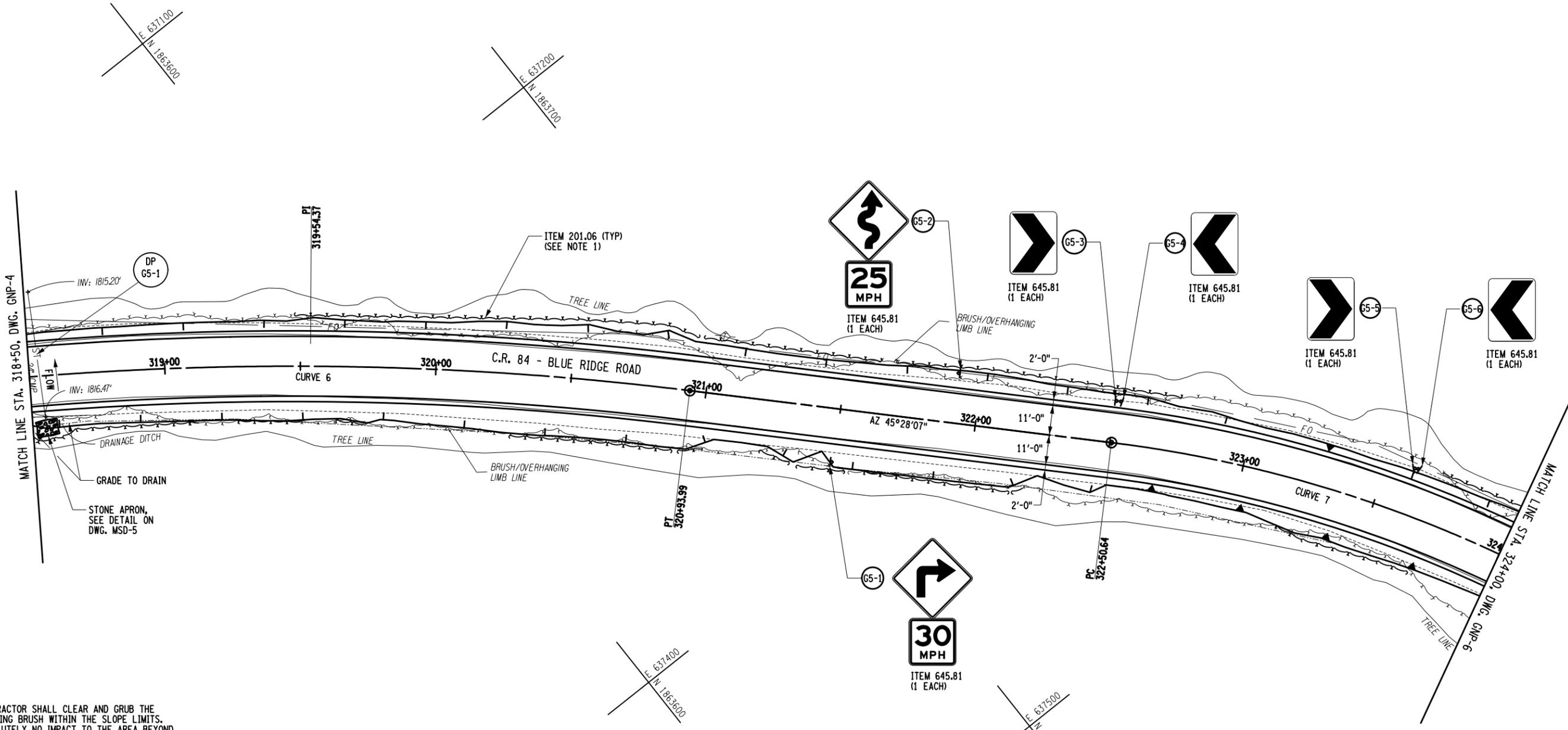


FILE NAME = ... \CADD\175999_oph_gnp_04.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



NOTE:
 1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

CURVE 6	CURVE 7
P.C. = 318+13.46	P.C. = 322+50.64
P.T. = 320+93.99	P.T. = 326+41.90
R = 1200.00'	R = 475.00'
L = 280.53'	L = 391.26'
$\Delta = 13^\circ 23' 40''$ RT	$\Delta = 47^\circ 11' 39''$ RT



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

ALTERED BY:
 ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				GENERAL PLAN
COUNTY: ESSEX		REGION: 1			GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS	

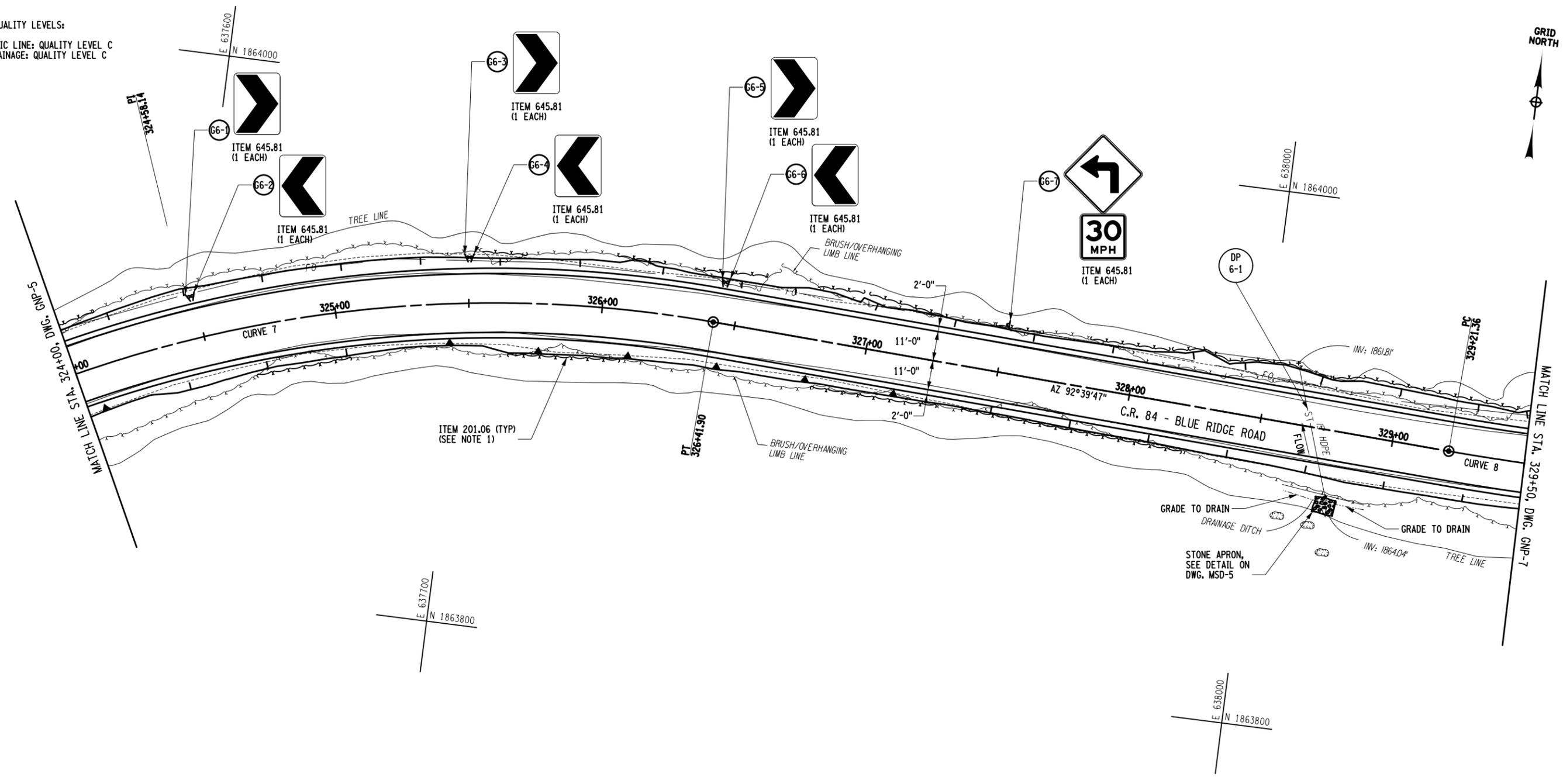
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

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 DATE/TIME = 5/19/2016
 USER = lbach

FILE NAME = ...\\CADD\175999_oph_gnp_06.dgn
 DATE/TIME = 5/19/2016
 USER = lbaoh

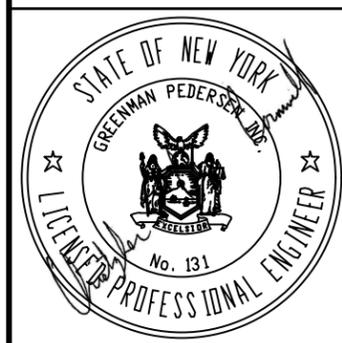
DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



NOTE:
 1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: _____
 ALTERED BY: ON: _____



CURVE 7	CURVE 8
P.C. = 322+50.64	P.C. = 329+21.36
P.T. = 326+41.90	P.T. = 330+76.78
R = 475.00'	R = 850.00'
L = 391.26'	L = 155.41'
Δ = 47°11'39" RT	Δ = 10°28'33" LT

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84			GENERAL PLAN	DRAWING NO. GNP-6
						SHEET NO. 26
	COUNTY: ESSEX	REGION: 1				

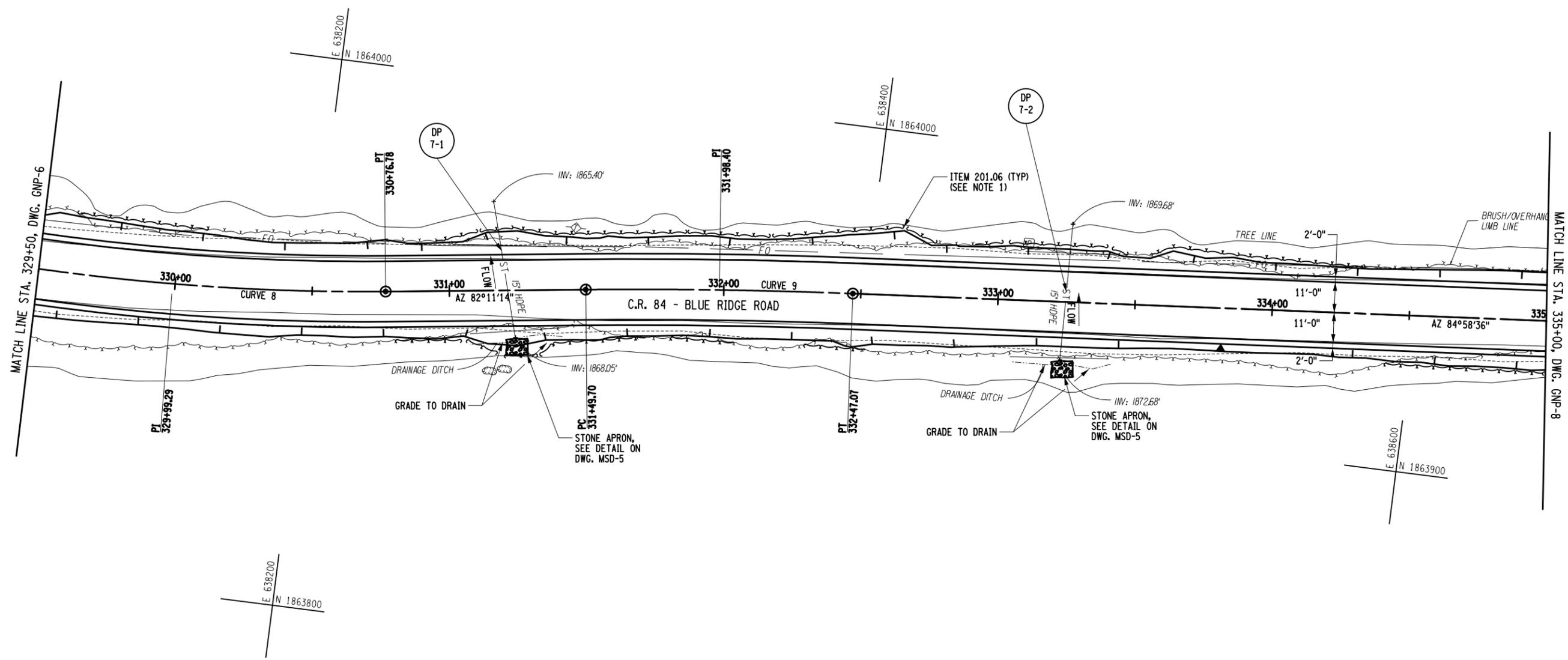
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\175999_oph_gnp_07.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



NOTE:
 1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

CURVE 8	CURVE 9
P.C. = 329+21.36	P.C. = 331+49.70
P.T. = 330+76.78	P.T. = 332+47.07
R = 850.00'	R = 2000.00'
L = 155.41'	L = 97.37'
$\Delta = 10^\circ 28' 33''$ LT	$\Delta = 02^\circ 47' 22''$ RT

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

ALTERED BY:
 ON: _____

AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES	CULVERTS
NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84	3302660	
		3302650	
		3302670	
COUNTY: ESSEX	REGION: 1		

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER
D034909

DRAWING NO. GNP-7
SHEET NO. 27

ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

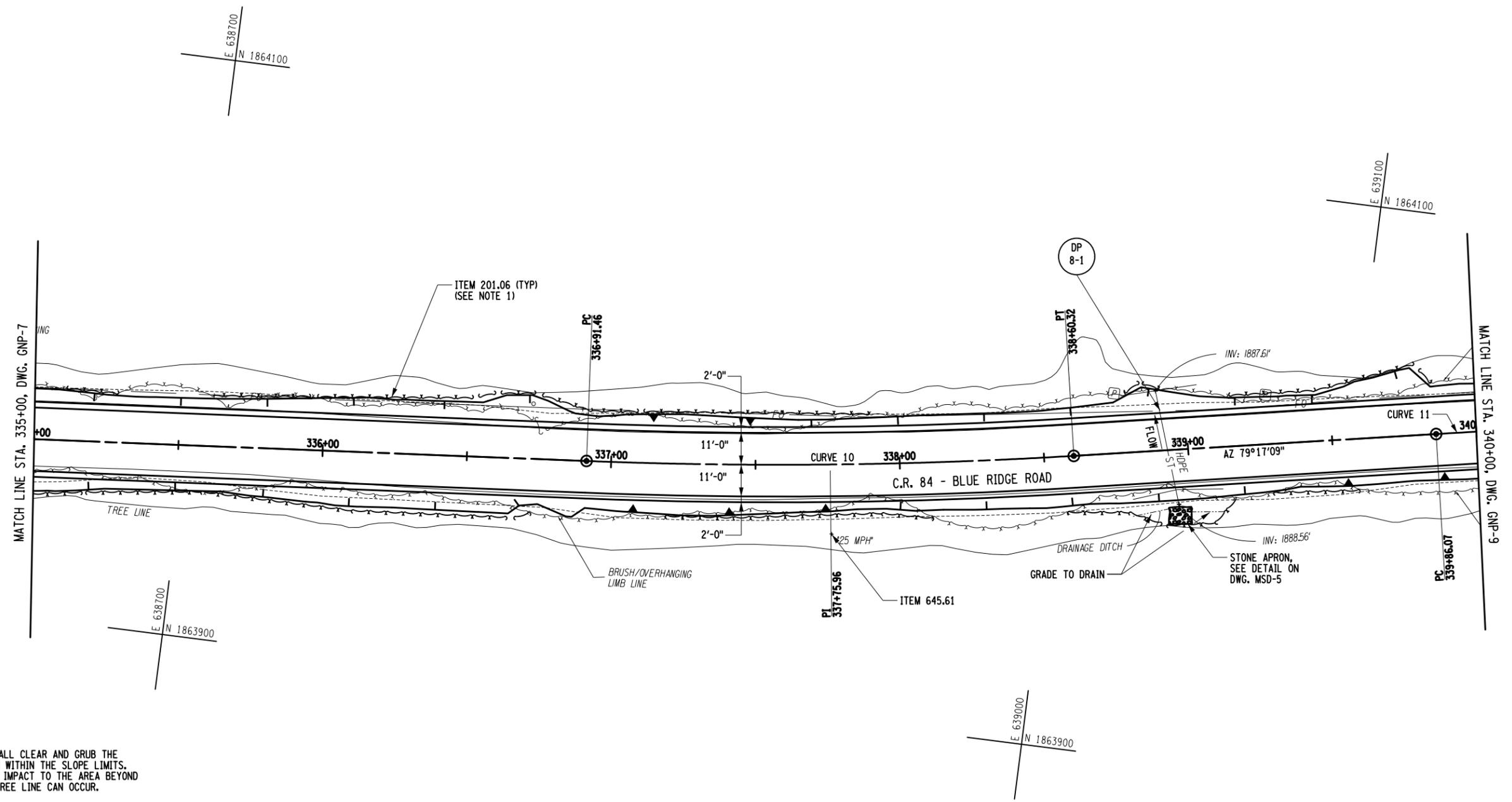


IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL

FILE NAME = \\CADD\175999_oph_gnp_086.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



- NOTE:
- CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

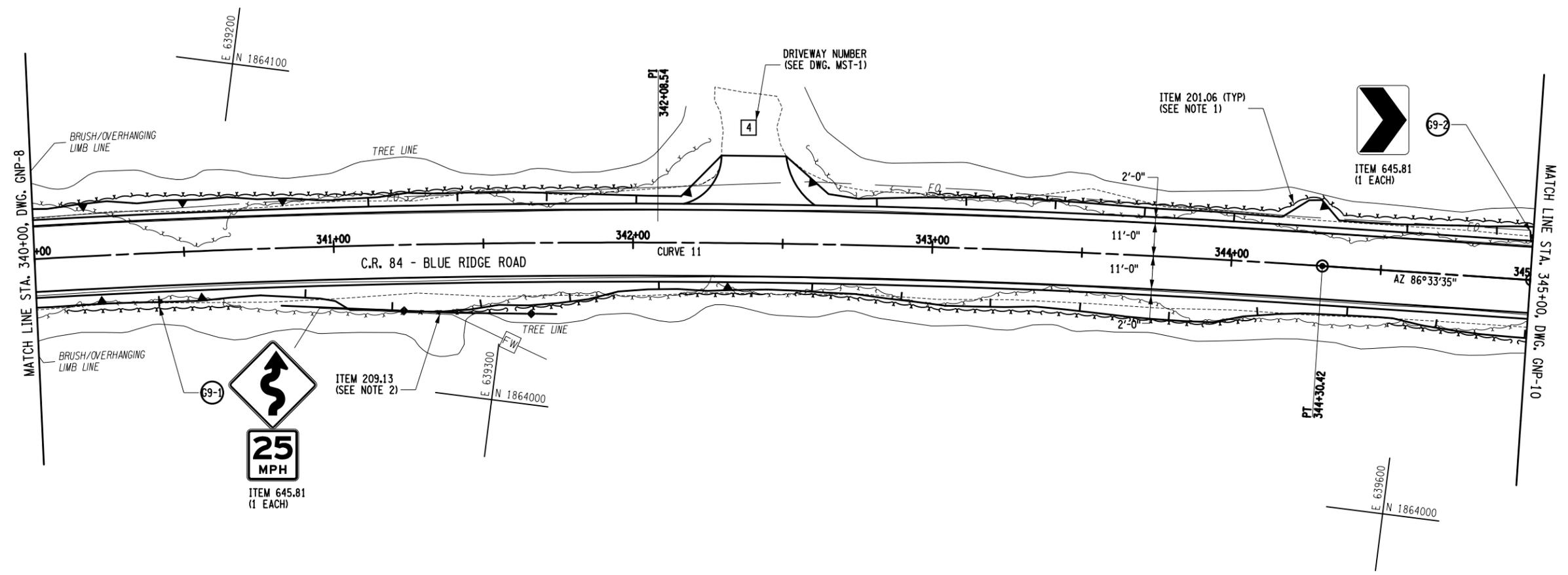
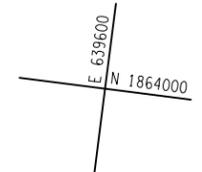
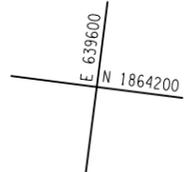
AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

CURVE 10	CURVE 11
P.C. = 336+91.46	P.C. = 339+86.07
P.T. = 338+60.32	P.T. = 344+30.42
R = 1700.00'	R = 3500.00'
L = 168.85'	L = 444.35'
$\Delta = 05^\circ 41' 27''$ LT	$\Delta = 07^\circ 16' 27''$ RT

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				
COUNTY: ESSEX REGION: 1				GENERAL PLAN		DRAWING NO. GNP-8 SHEET NO. 28
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						



UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



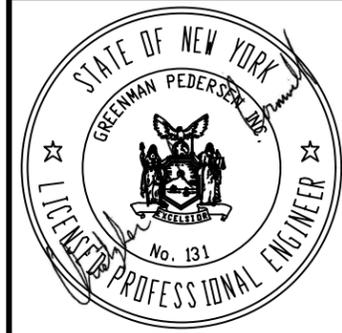
- NOTE:
1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.
 2. SILT FENCE SHALL BE PLACED 2'-0" FROM THE TOE OF THE PROPOSED FILL SLOPE. IT MAY BE PLACED CLOSER IF NECESSARY TO REDUCE IMPACT TO THE ADJACENT FOREST PRESERVE.



CURVE 11
P.C. = 339+86.07
P.T. = 344+30.42
R = 3500.00'
L = 444.35'
Δ = 07°16'27" RT



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99
NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84
COUNTY: ESSEX	REGION: 1

BRIDGES 3302660 3302650 3302670	CULVERTS
--	----------

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER
D034909

DRAWING NO. GNP-9
SHEET NO. 29

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

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS

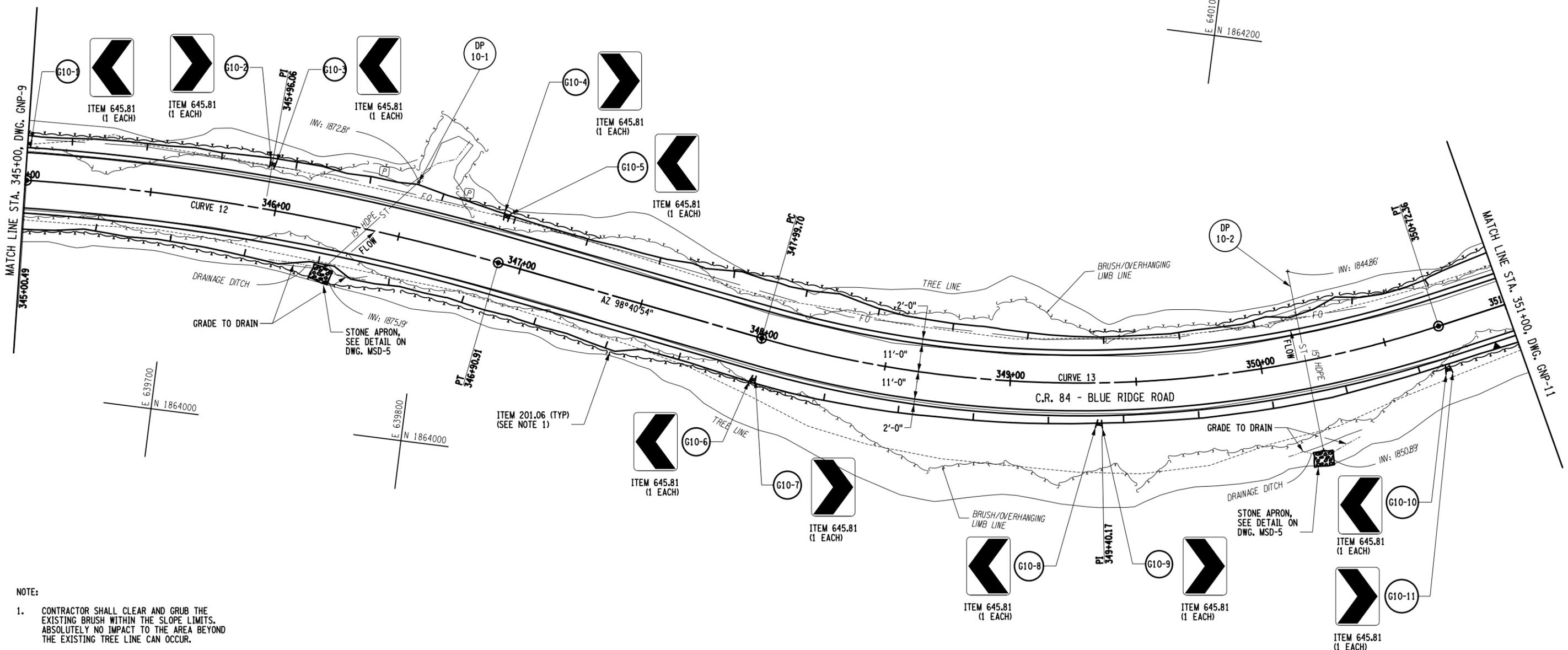
ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...CADD\175999_oph_gnp_09.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR: C. CORNWELL
 JOB MANAGER: E. SNYDER
 DESIGN: L. BACH
 CHECK: E. SNYDER
 DRAFTING: L. BACH
 CHECK: E. SNYDER
 PROJECT MANAGER: E. SNYDER

PROJECT MANAGER: E. SNYDER
 CHECK: E. SNYDER
 DRAFTING: L. BACH
 DESIGN: L. BACH
 JOB MANAGER: E. SNYDER
 DESIGN SUPERVISOR: C. CORNWELL

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



NOTE:
 1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

CURVE 12	CURVE 13
P.C. = 345+00.49	P.C. = 347+99.70
P.T. = 346+90.91	P.T. = 350+72.36
R = 900.00'	R = 460.00'
L = 190.41'	L = 272.66'
Δ = 12°07'19" RT	Δ = 33°57'43" LT

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:
 ALTERED BY: ON:



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD
 NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS
 COUNTY: ESSEX REGION: 1

PIN 1759.99
 CR 84
 BRIDGES
 3302660
 3302650
 3302670

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER
 D034909
 DRAWING NO. GNP-10
 SHEET NO. 30

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

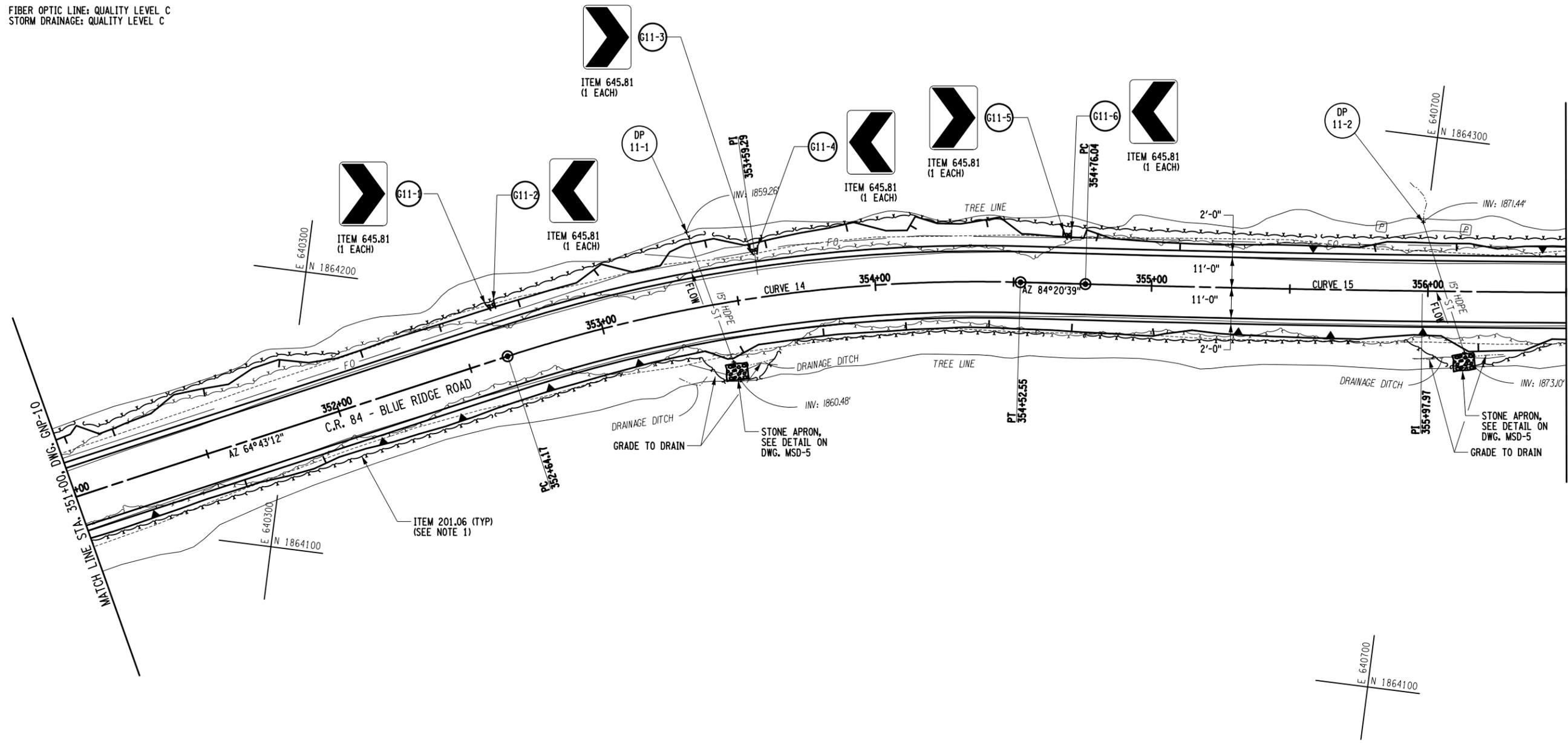
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, 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 = ...CADD\175999_oph_gnp-10.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL



NOTE:
 1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

CURVE 14	CURVE 15
P.C. = 352+64.17	P.C. = 354+76.04
P.T. = 354+52.55	P.T. = 357+19.88
R = 550.00'	R = 8000.00'
L = 188.38'	L = 243.84'
$\Delta = 19^\circ 37' 28''$ RT	$\Delta = 01^\circ 44' 47''$ LT

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

ALTERED BY:
 ON: _____

AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660	CULVERTS
NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84	3302650	
		3302670	
COUNTY: ESSEX	REGION: 1		

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
GENERAL PLAN	DRAWING NO. GNP-11 SHEET NO. 31

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.

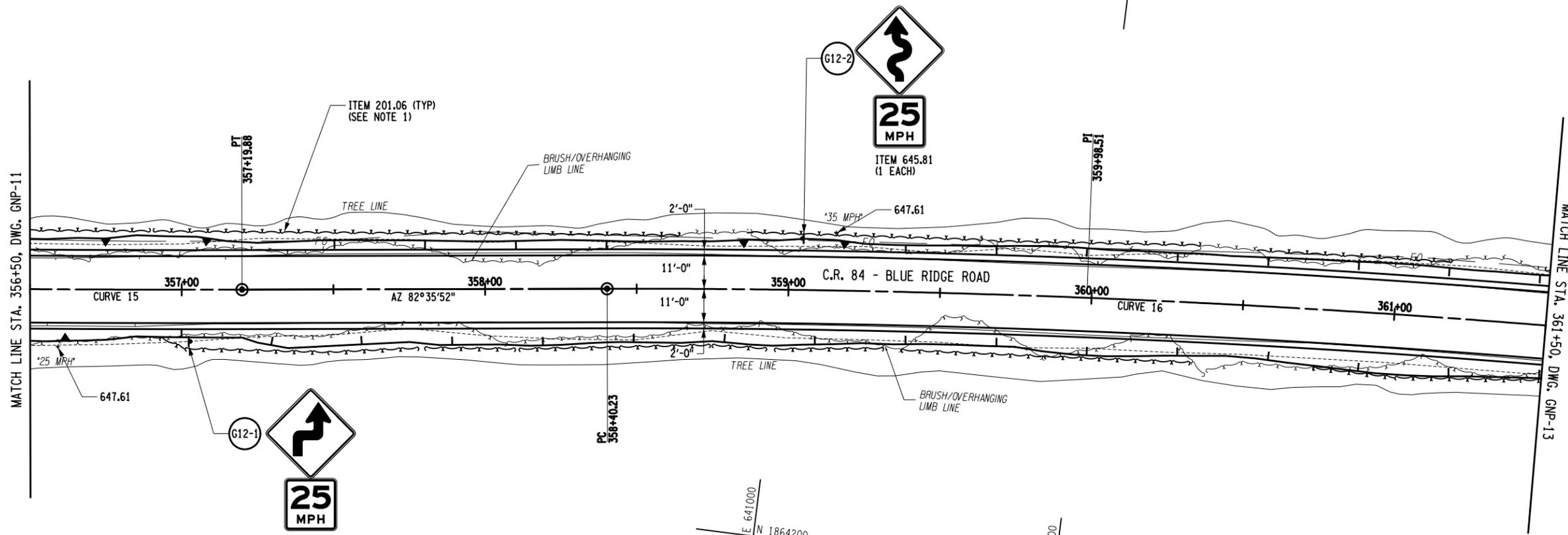
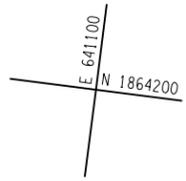
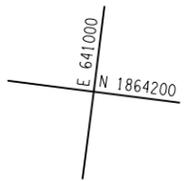
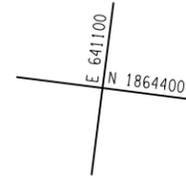
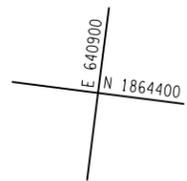
GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS

ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS



FILE NAME = ...CADD\175999_oph_gnp_11.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



NOTE:
 1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

CURVE 15
P.C. = 354+76.04
P.T. = 357+19.88
R = 8000.00'
L = 243.84'
Δ = 01°44'47" LT

CURVE 16
P.C. = 358+40.23
P.T. = 361+56.61
R = 3750.00'
L = 316.37'
Δ = 04°50'02" RT



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD
 NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS
 COUNTY: ESSEX REGION: 1

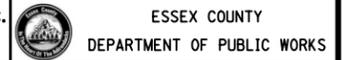
PIN 1759.99
 CR 84
 BRIDGES
 3302660
 3302650
 3302670

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 GENERAL PLAN

CONTRACT NUMBER
 D034909
 DRAWING NO. GNP-12
 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.



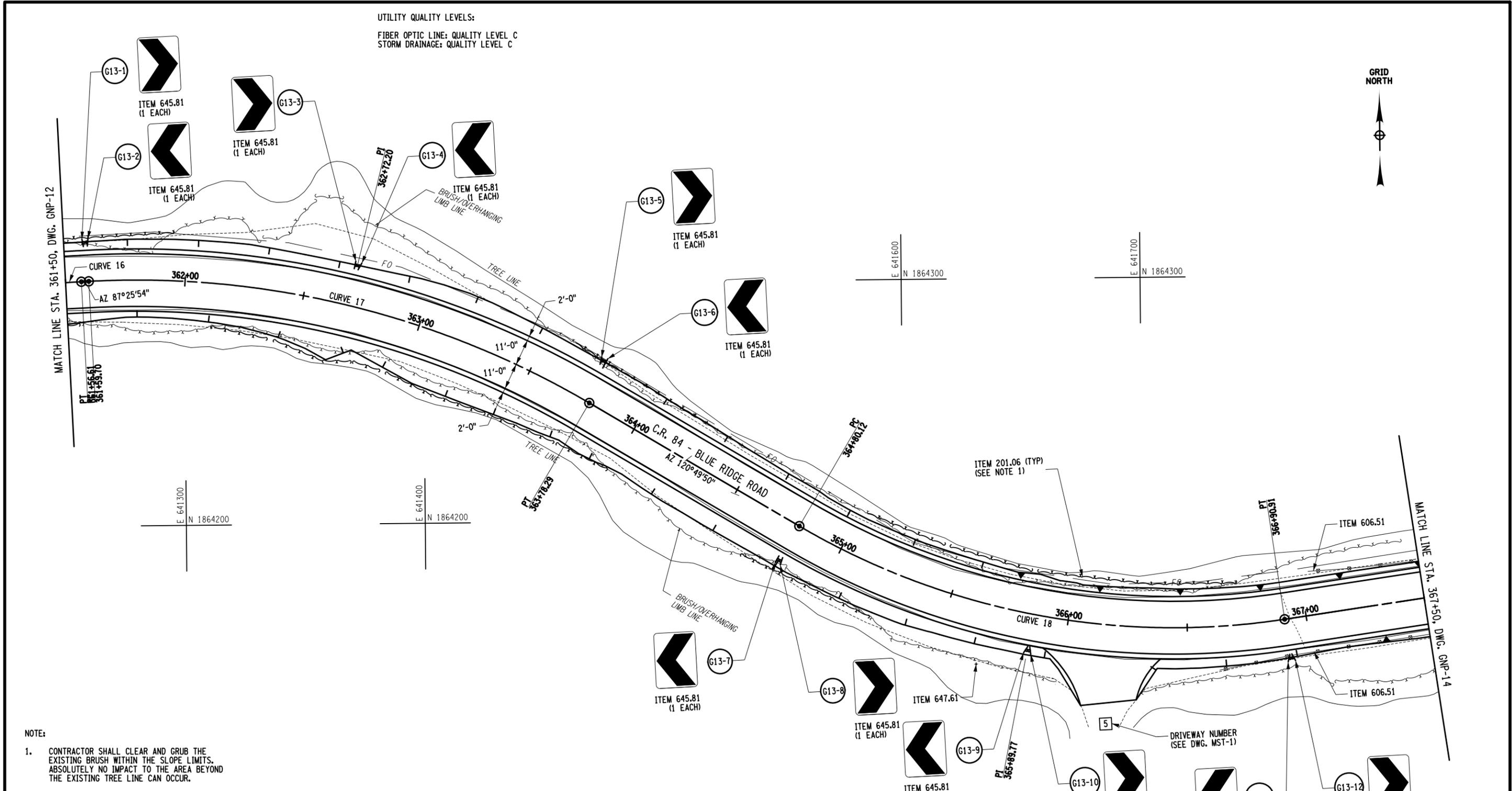
FILE NAME = ...CADD\175999_oph_gnp-12.dgn
 DATE/TIME = 5/19/2016
 USER = lbaoh

PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 DESIGN L. BACH
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL

FILE NAME = \\CADD\175999_oph_gnp-13.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



NOTE:
 1. CONTRACTOR SHALL CLEAR AND GRUB THE EXISTING BRUSH WITHIN THE SLOPE LIMITS. ABSOLUTELY NO IMPACT TO THE AREA BEYOND THE EXISTING TREE LINE CAN OCCUR.

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:
 ALTERED BY: ON:

CURVE 16	CURVE 17	CURVE 18
P.C. = 358+40.23	P.C. = 361+59.70	P.C. = 364+80.12
P.T. = 361+56.61	P.T. = 363+78.29	P.T. = 366+90.91
R = 3750.00'	R = 375.00'	R = 310.00'
L = 316.37'	L = 218.60'	L = 210.79'
Δ = 04°50'02" RT	Δ = 33°23'56" RT	Δ = 38°57'37" LT



AS-BUILT REVISIONS	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER
DESCRIPTION OF ALTERATIONS:	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84	3302660 3302650 3302670		GENERAL PLAN	D034909
	COUNTY: ESSEX	REGION: 1				DRAWING NO. GNP-13 SHEET NO. 33

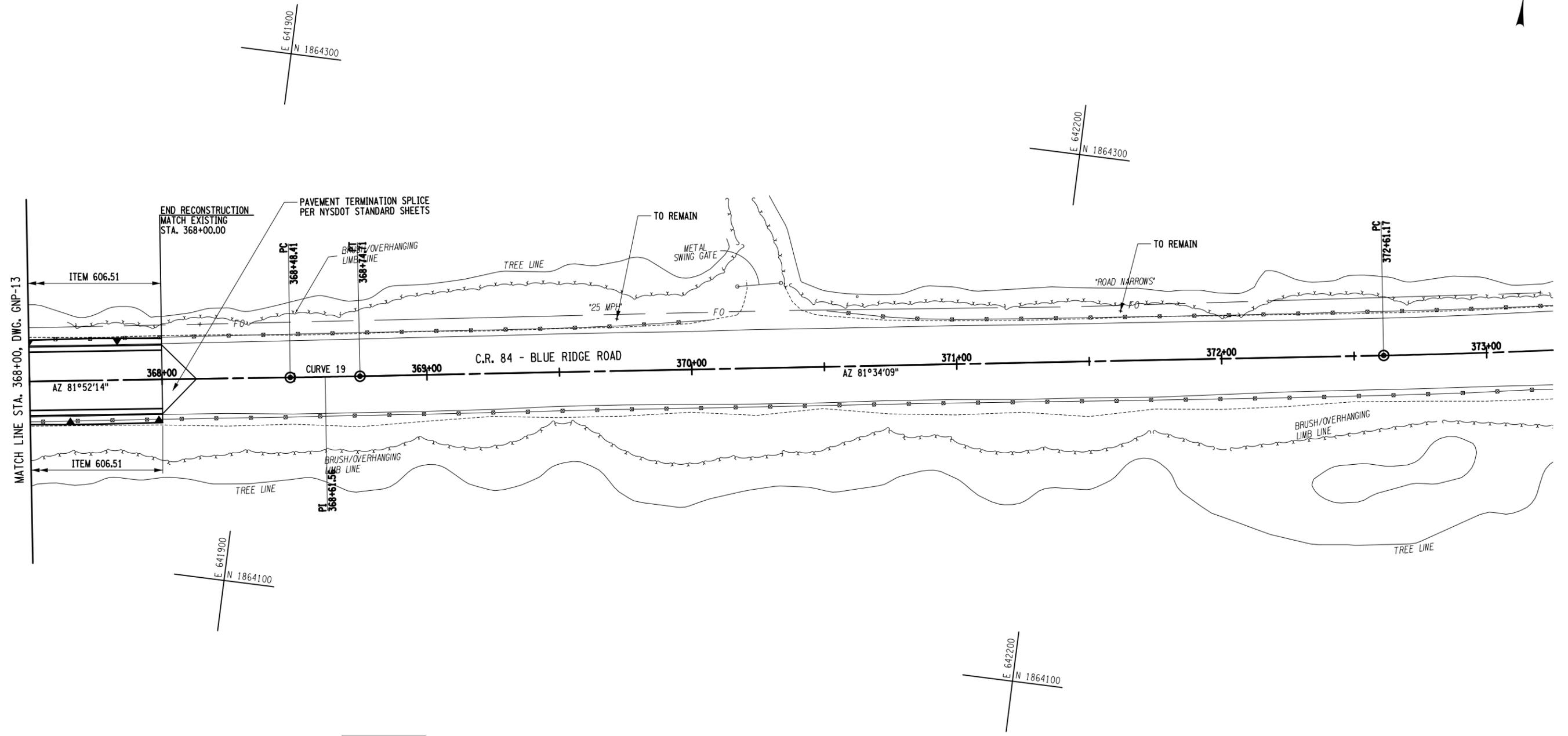
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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 USER = lbach

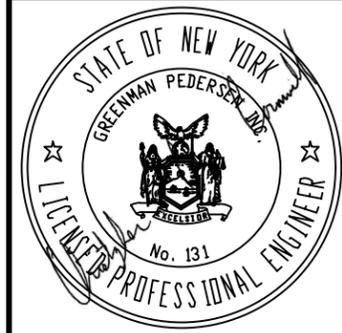
DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

UTILITY QUALITY LEVELS:
 FIBER OPTIC LINE: QUALITY LEVEL C
 STORM DRAINAGE: QUALITY LEVEL C



CURVE 19	
P.C. =	368+48.41
P.T. =	368+74.71
R =	5000.00'
L =	26.31'
Δ =	00°18'05" LT

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99
NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84
COUNTY: ESSEX	REGION: 1

BRIDGES 3302660 3302650 3302670	CULVERTS
--	----------

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 GENERAL PLAN

CONTRACT NUMBER
D034909
 DRAWING NO. GNP-14
 SHEET NO. 34

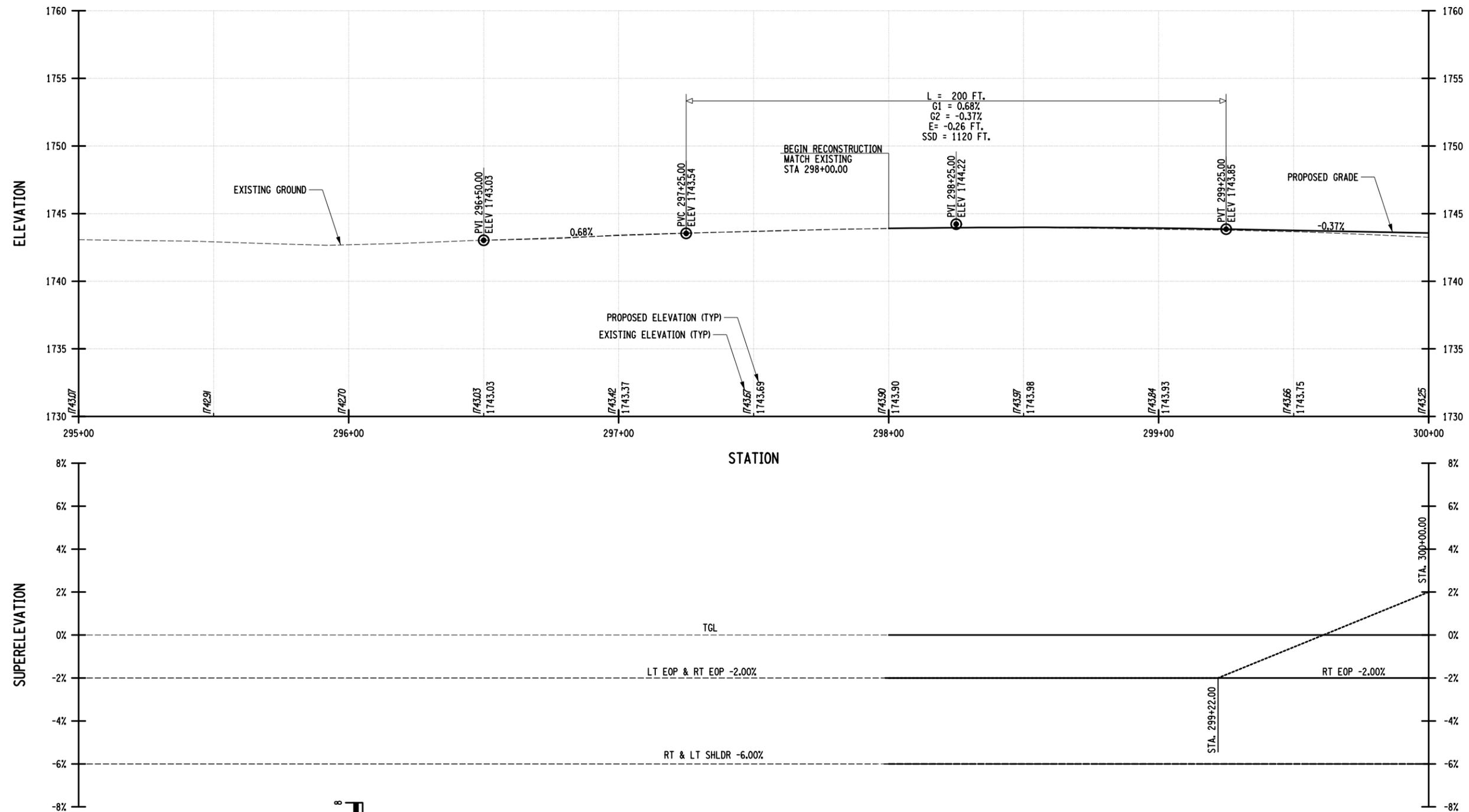


IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

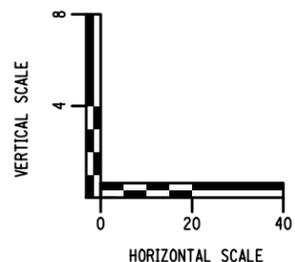
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 USER = lbaoh

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



MATCH LINE STA. 300+00, DWG. PRO-2

COUNTY ROUTE 84 (BLUE RIDGE ROAD)



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99
NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84
COUNTY: ESSEX	REGION: 1

BRIDGES 3302660 3302650 3302670	CULVERTS
--	----------

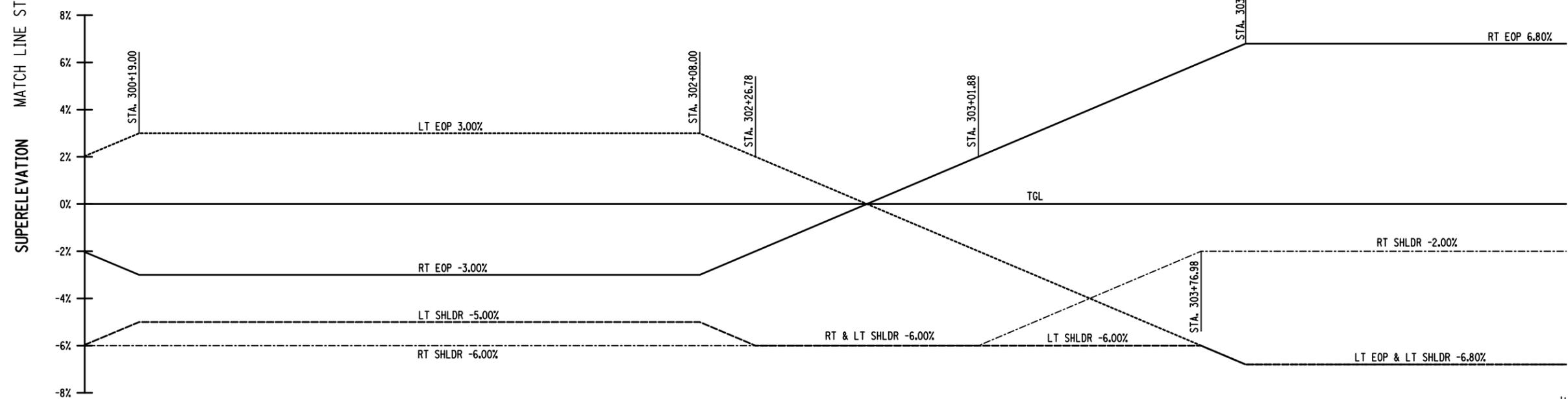
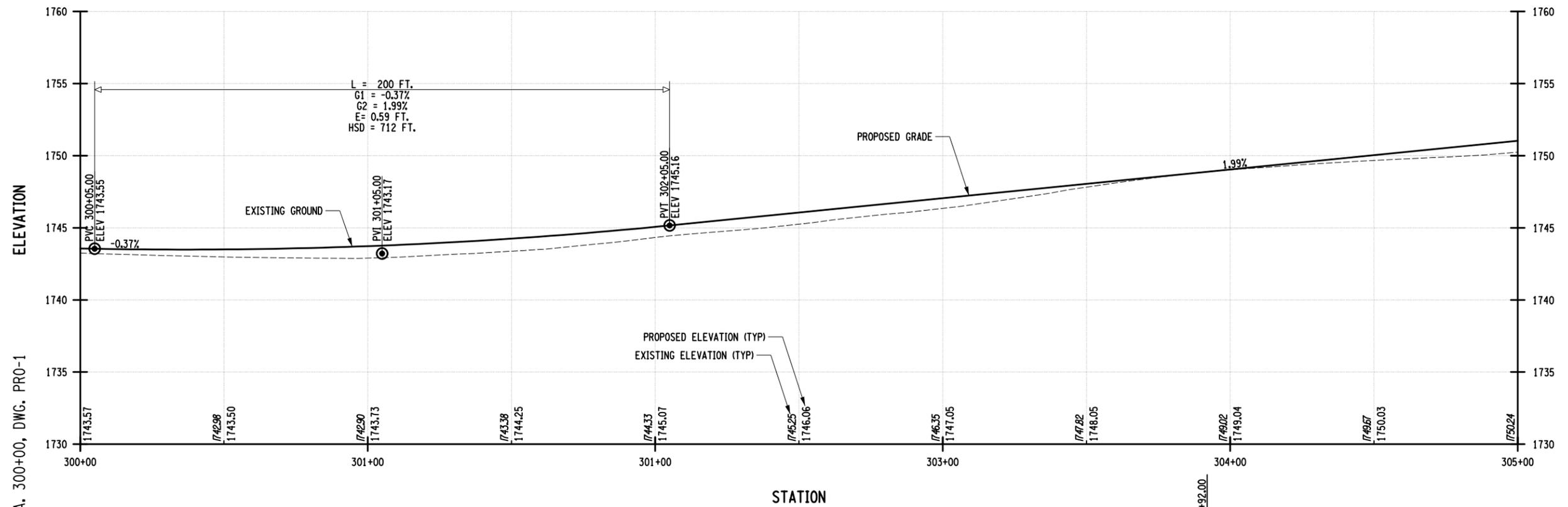
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 PROPOSED PROFILE

CONTRACT NUMBER
 D034909
 DRAWING NO. PRO-1
 SHEET NO. 35

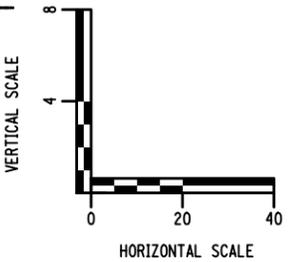
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

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 DATE/TIME = 5/19/2016
 USER = lbaoh

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



COUNTY ROUTE 84 (BLUE RIDGE ROAD)



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: [Signature]

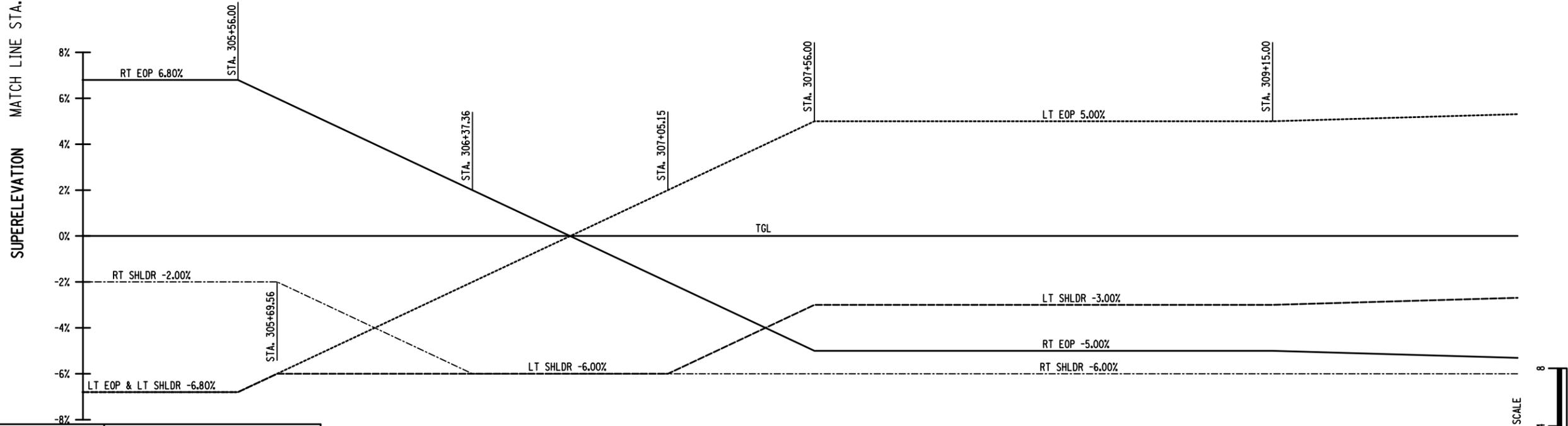
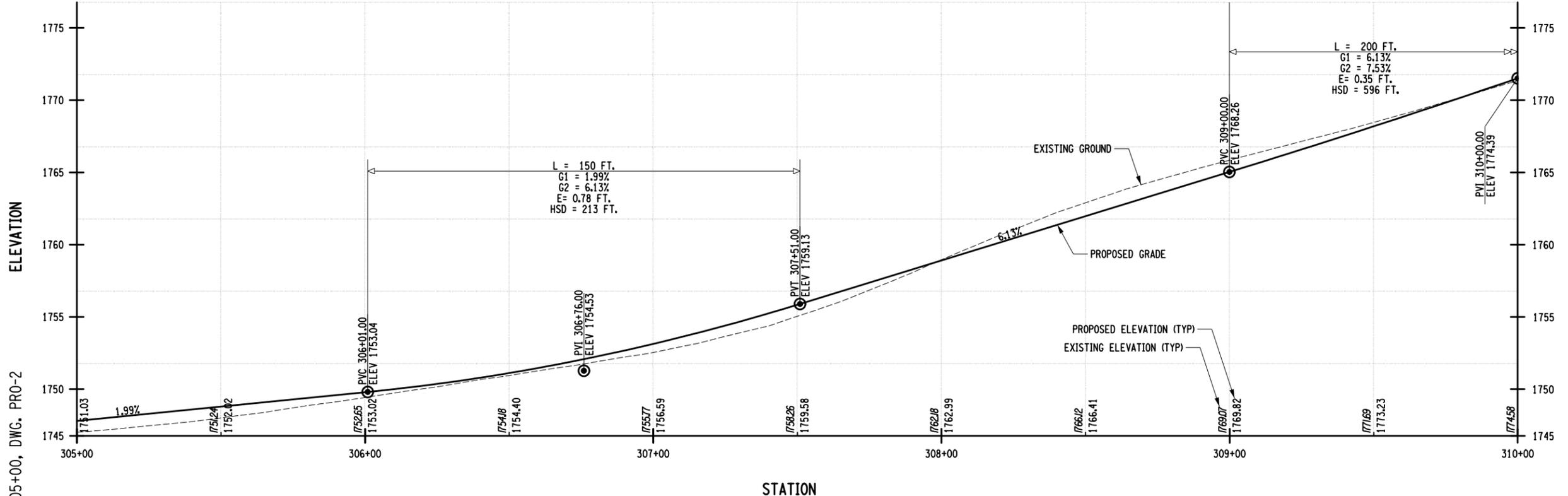
ALTERED BY:
 ON: [Signature]

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-2 SHEET NO. 36
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
COUNTY: ESSEX REGION: 1						ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

MATCH LINE STA. 305+00, DWG. PRO-3

FILE NAME = ...\\CADD\175999_oph_pro-03.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

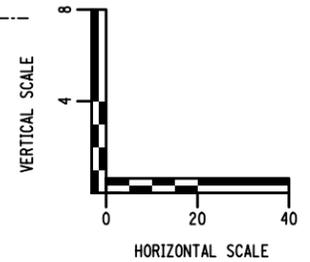


COUNTY ROUTE 84 (BLUE RIDGE ROAD)

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: ALTERED BY: ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					DRAWING NO. PRO-3 SHEET NO. 37
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS



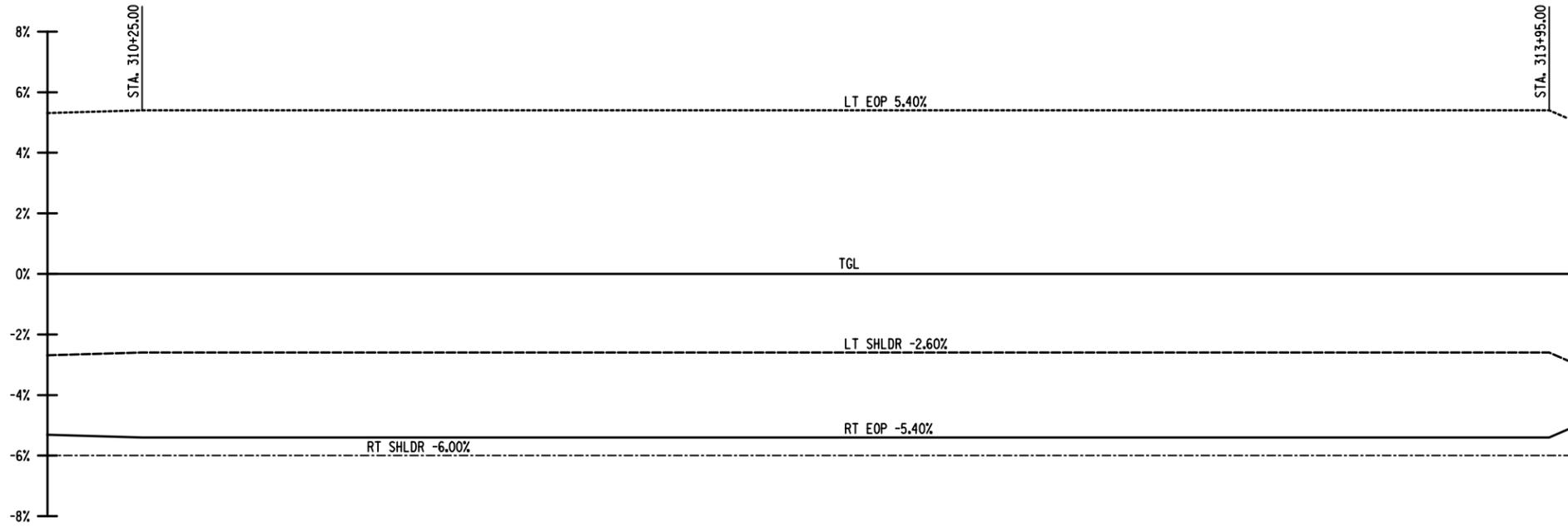
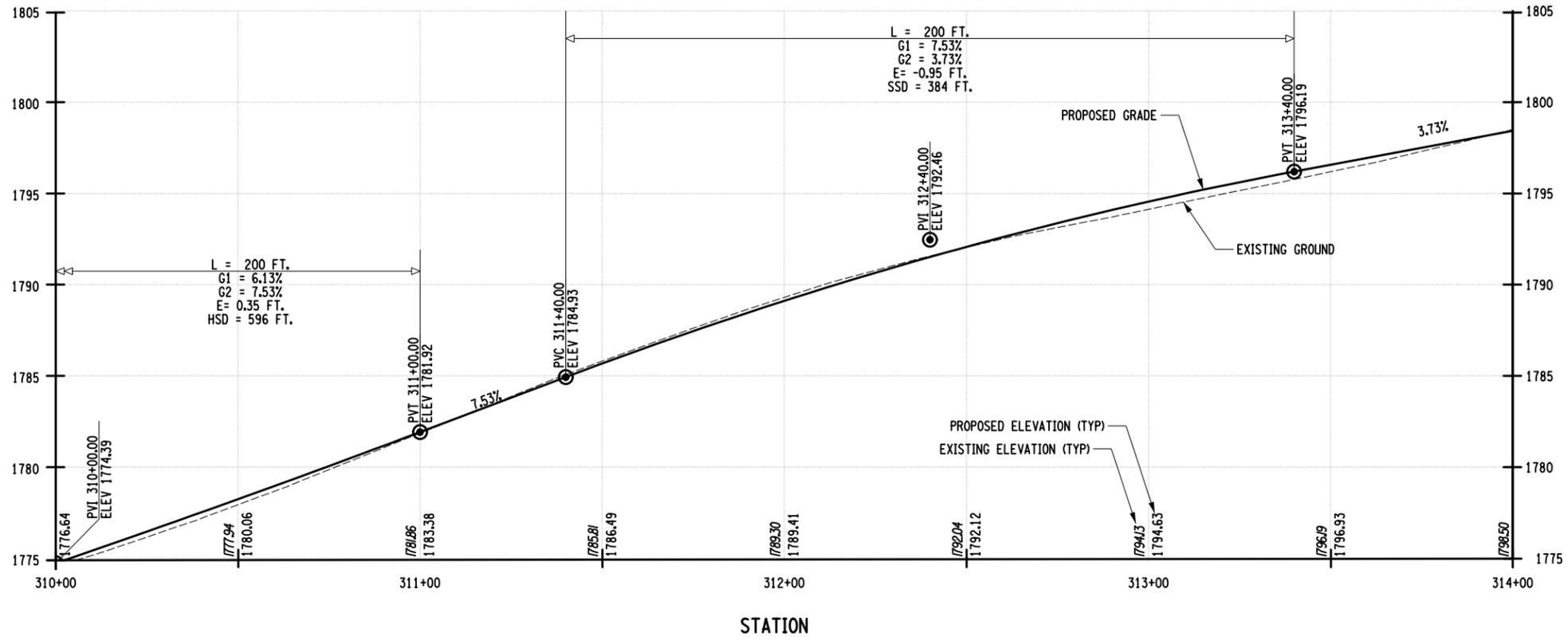
MATCH LINE STA. 310+00, DWG. PRO-4

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 USER = lbaoh

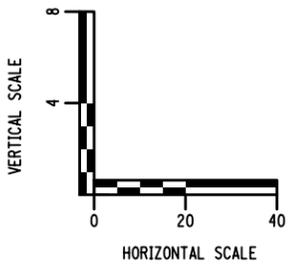
DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

SUPERELEVATION MATCH LINE STA. 310+00, DWG. PRO-3

ELEVATION



MATCH LINE STA. 314+00, DWG. PRO-5

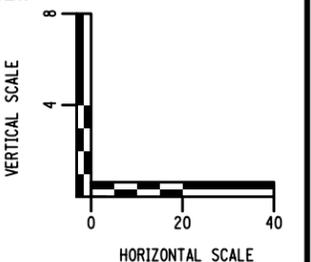
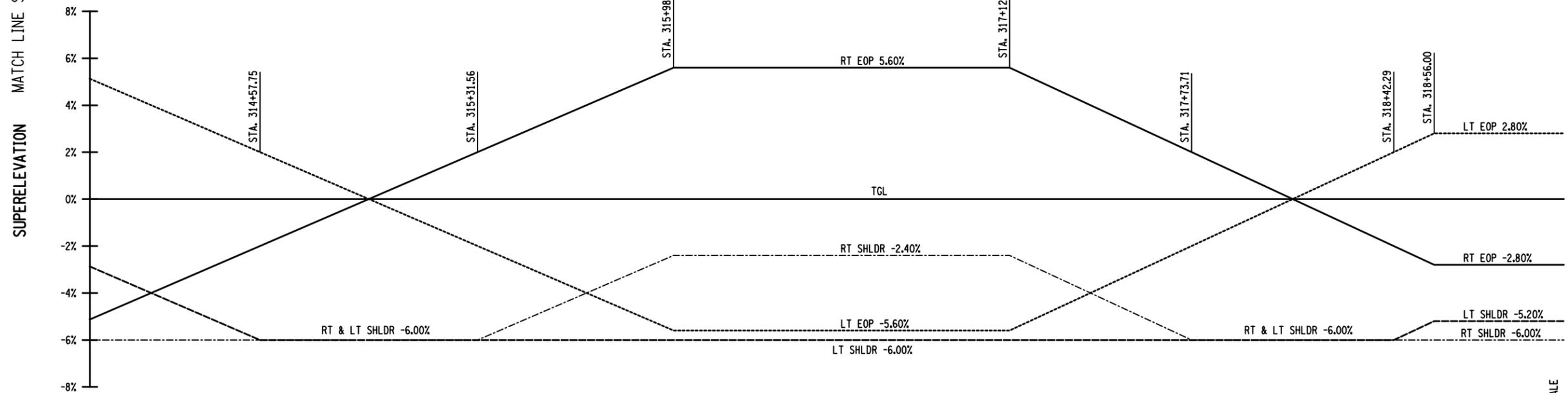
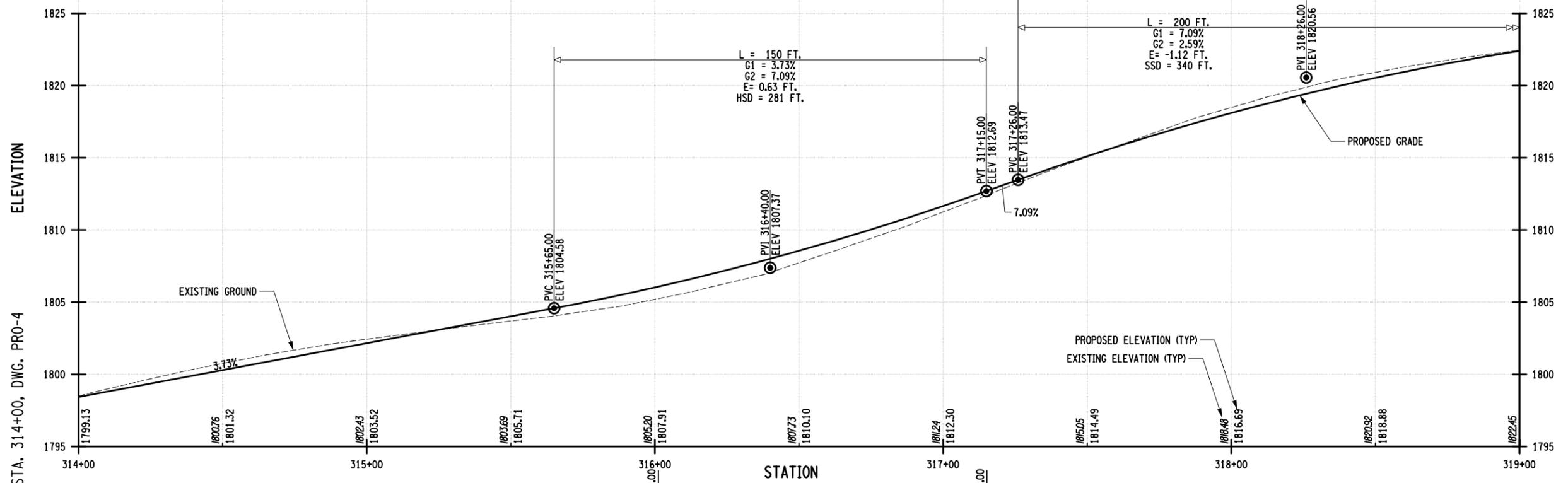


AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:		ALTERED BY: ON:	
		<p style="text-align: center;">COUNTY ROUTE 84 (BLUE RIDGE ROAD)</p>	

COUNTY ROUTE 84, BLUE RIDGE ROAD NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS COUNTY: ESSEX REGION: 1	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D034909
				PROPOSED PROFILE		DRAWING NO. PRO-4 SHEET NO. 38
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.				GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS		ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = \\CADD\175999_oph_pro-065.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



COUNTY ROUTE 84 (BLUE RIDGE ROAD)

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				PROPOSED PROFILE
COUNTY: ESSEX		REGION: 1				

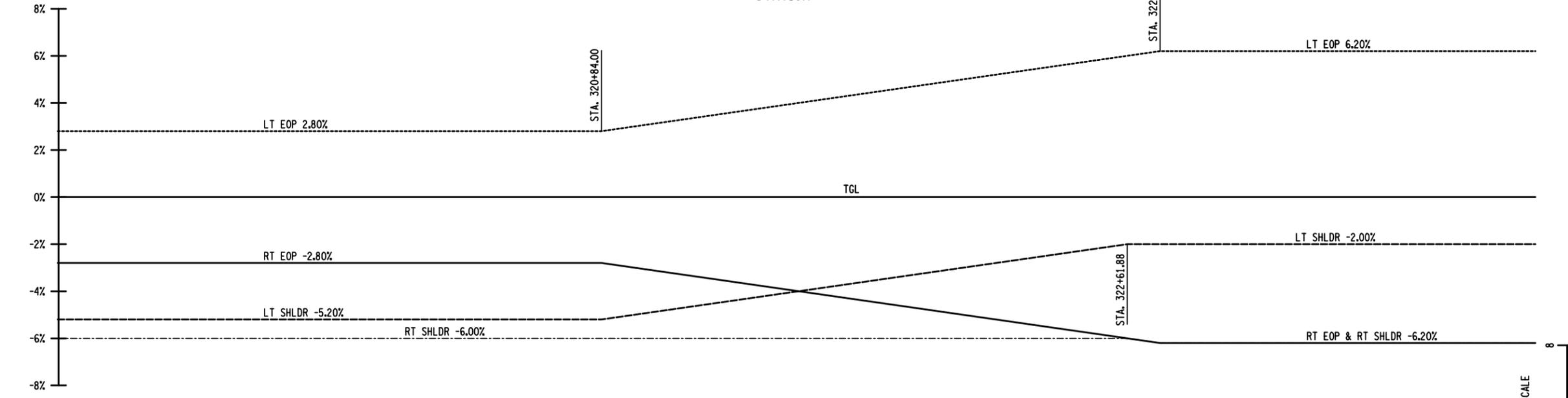
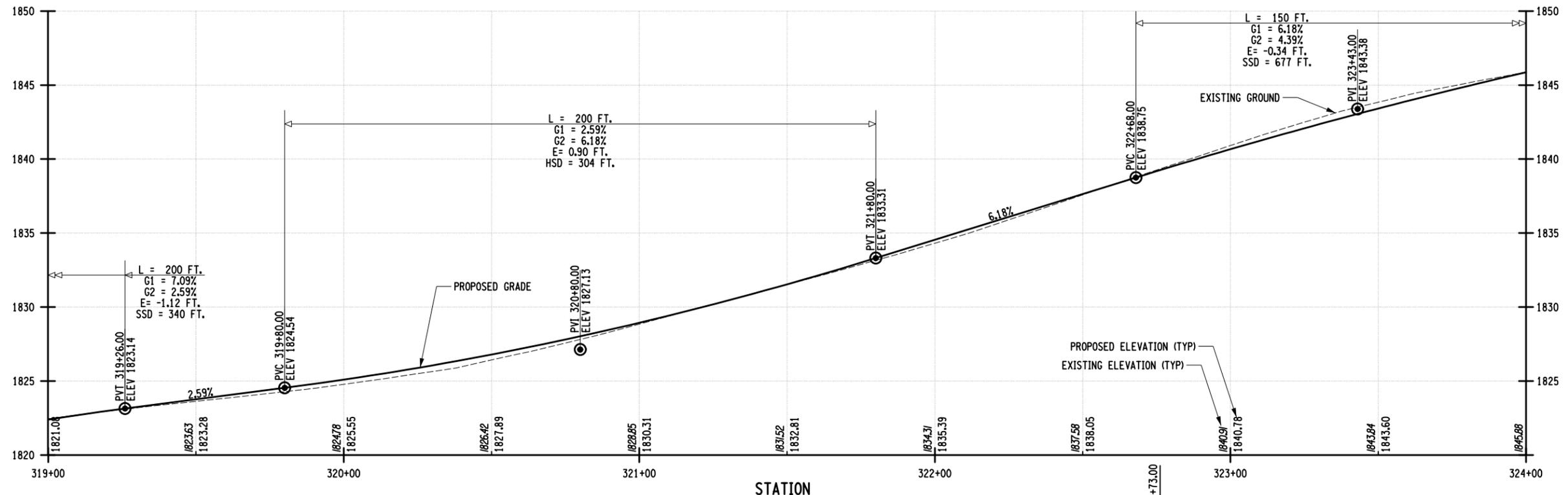
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

MATCH LINE STA. 319+00, DWG. PRO-5

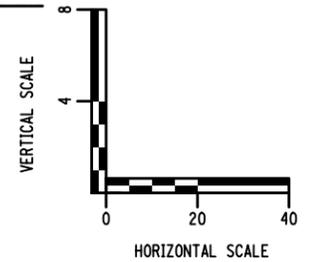
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 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

MATCH LINE STA. 319+00, DWG. PRO-5
 ELEVATION
 SUPERELEVATION
 MATCH LINE STA. 324+00, DWG. PRO-7



COUNTY ROUTE 84 (BLUE RIDGE ROAD)



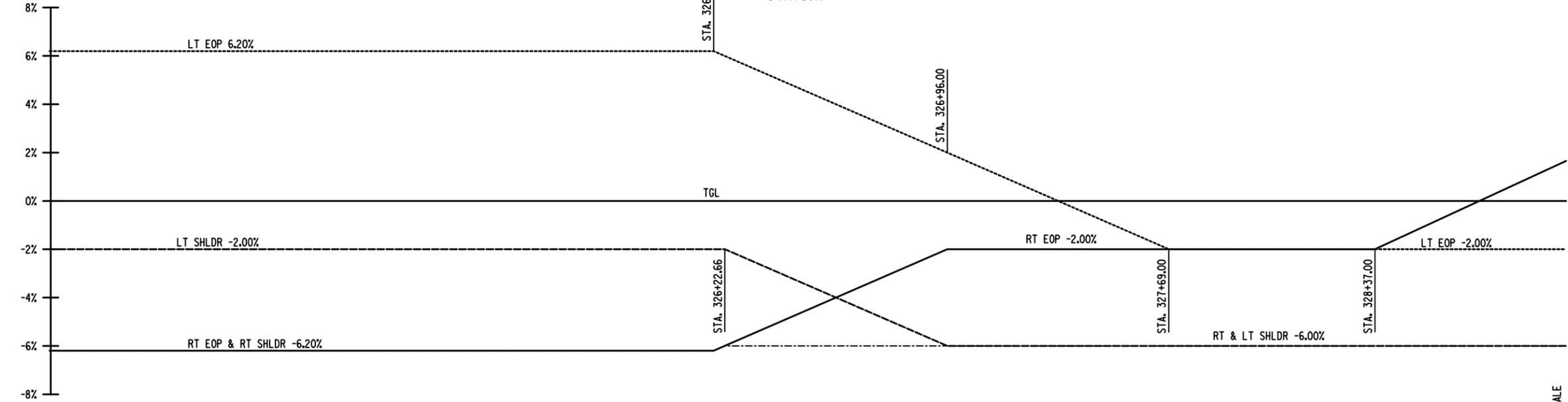
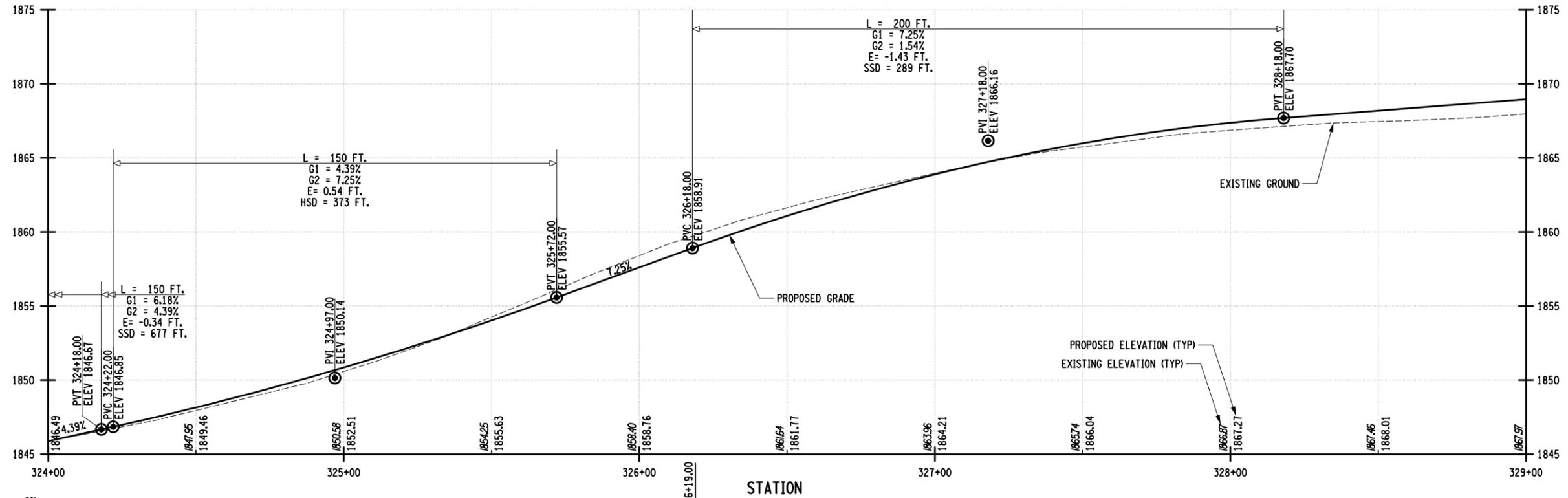
AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON:
 ALTERED BY:
 ON:


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				PROPOSED PROFILE
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.		COUNTY: ESSEX	REGION: 1	GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS		ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

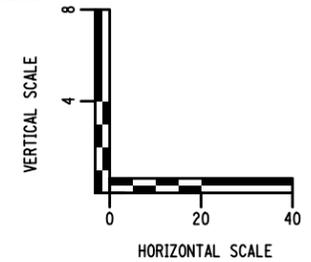
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 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

MATCH LINE STA. 324+00, DWG. PRO-6 ELEVATION
 SUPERELEVATION MATCH LINE STA. 329+00, DWG. PRO-8



COUNTY ROUTE 84 (BLUE RIDGE ROAD)



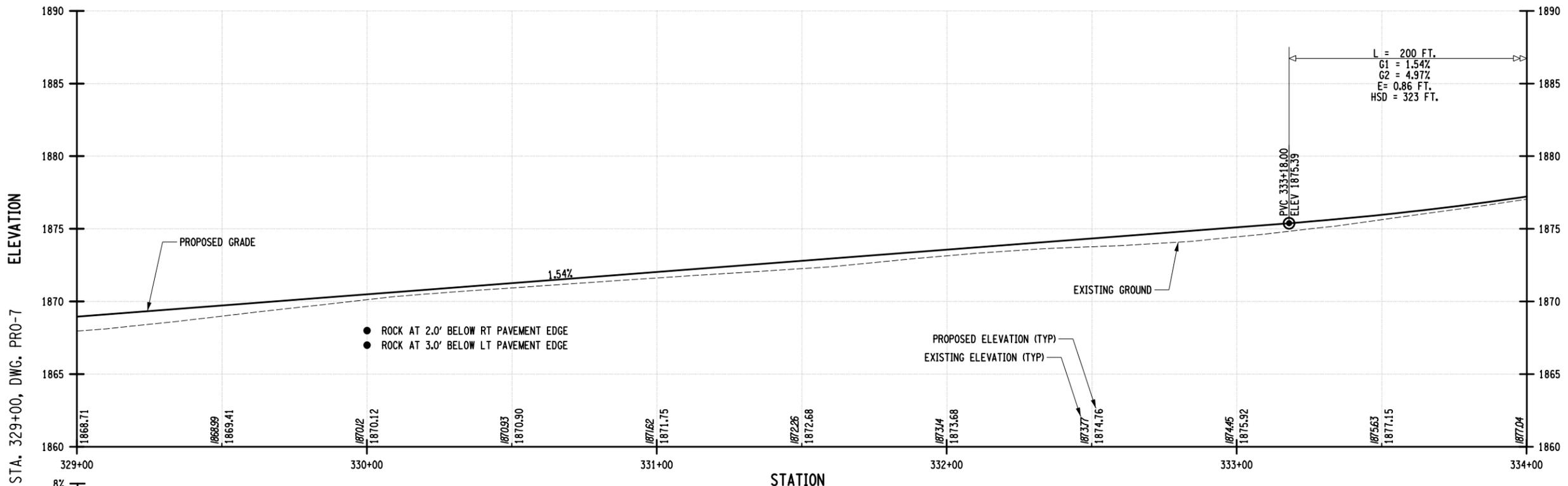
AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON:
 ALTERED BY:
 ON:


AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-7 SHEET NO. 41
	COUNTY: ESSEX	REGION: 1	PROPOSED PROFILE			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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

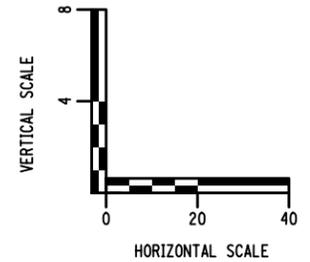
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 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



MATCH LINE STA. 334+00, DWG. PRO-9

COUNTY ROUTE 84 (BLUE RIDGE ROAD)



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON:

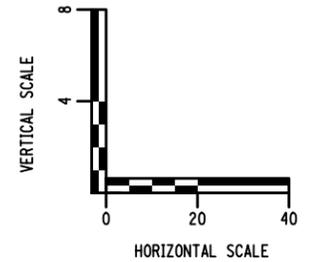
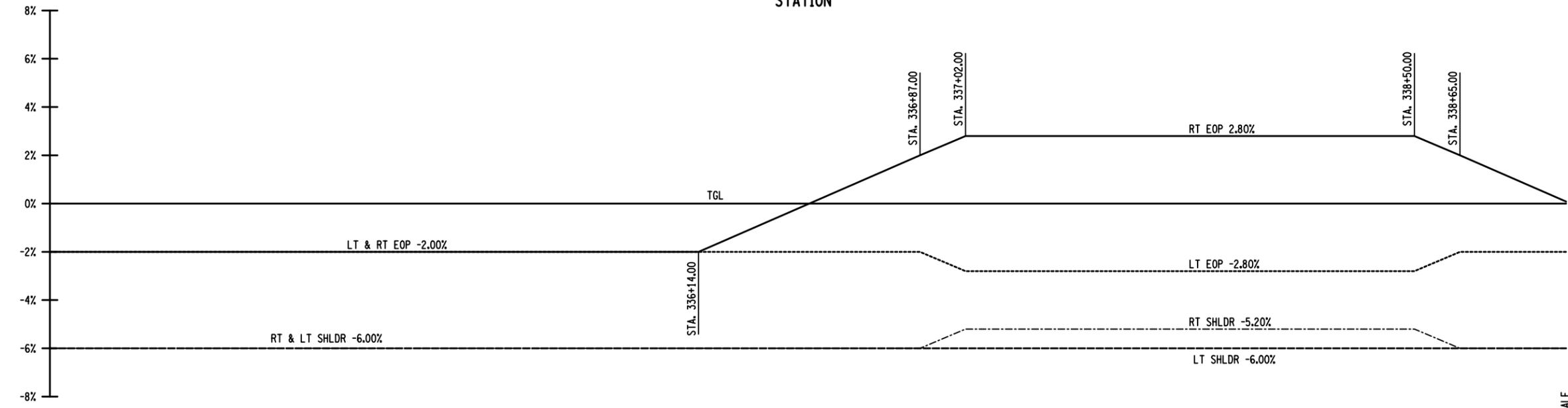
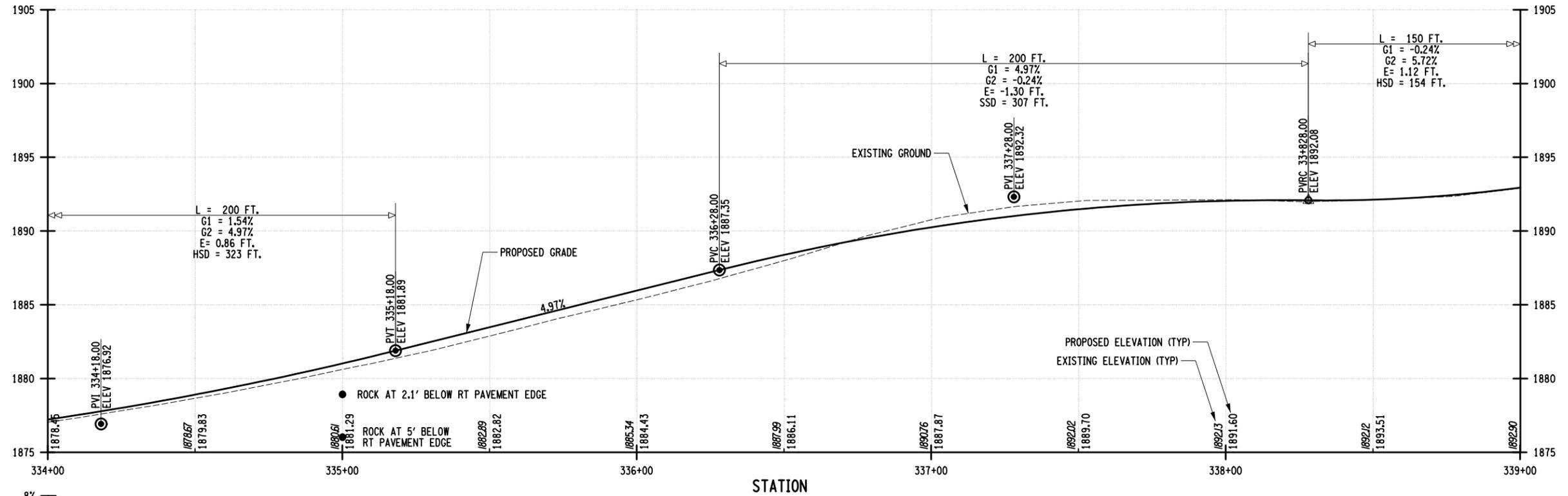
ALTERED BY:
 ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					DRAWING NO. PRO-8 SHEET NO. 42
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
COUNTY: ESSEX REGION: 1						ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = \\CADD\175999_oph_pro-09.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

MATCH LINE STA. 334+00, DWG. PRO-8
 ELEVATION
 SUPERELEVATION
 MATCH LINE STA. 339+00, DWG. PRO-10



COUNTY ROUTE 84 (BLUE RIDGE ROAD)

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: ALTERED BY: ON:



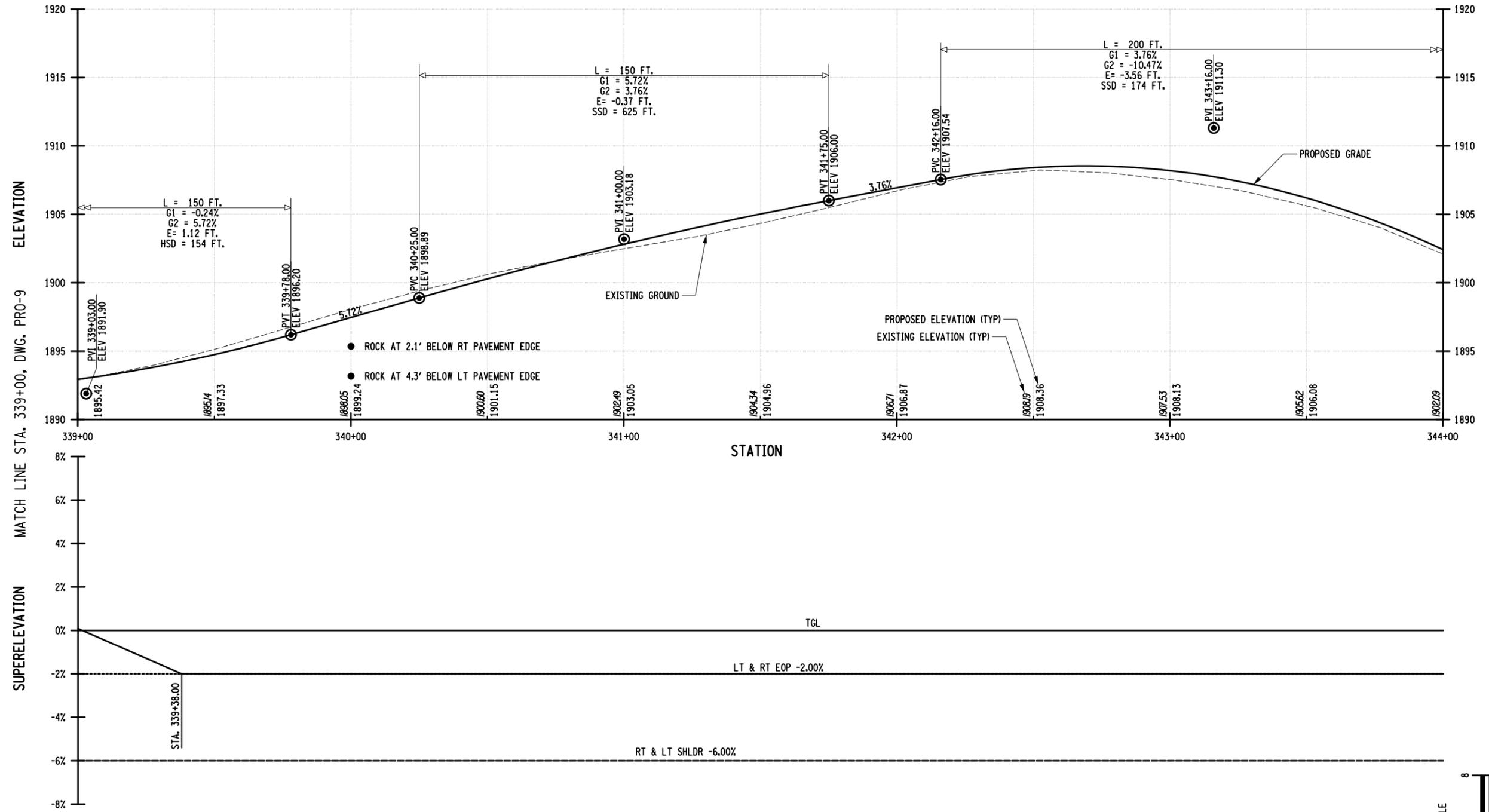
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-9 SHEET NO. 43
	COUNTY: ESSEX	REGION: 1	PROPOSED PROFILE			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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 = \\CADD\175999_oph_pro-10.dgn
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 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

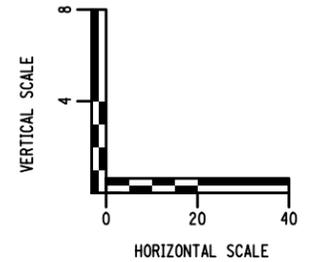


MATCH LINE STA. 344+00, DWG. PRO-11

COUNTY ROUTE 84 (BLUE RIDGE ROAD)

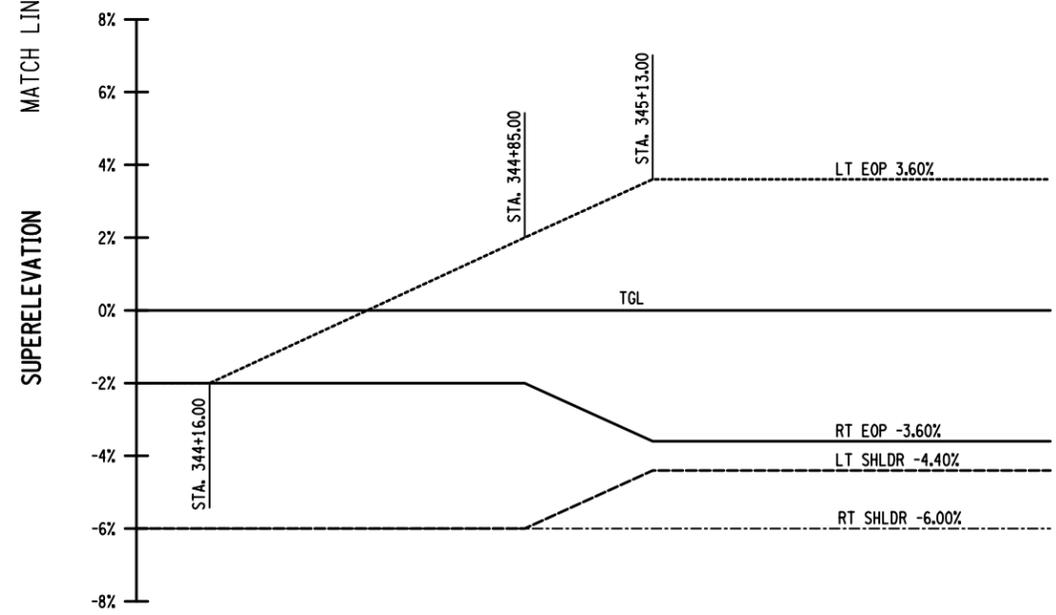
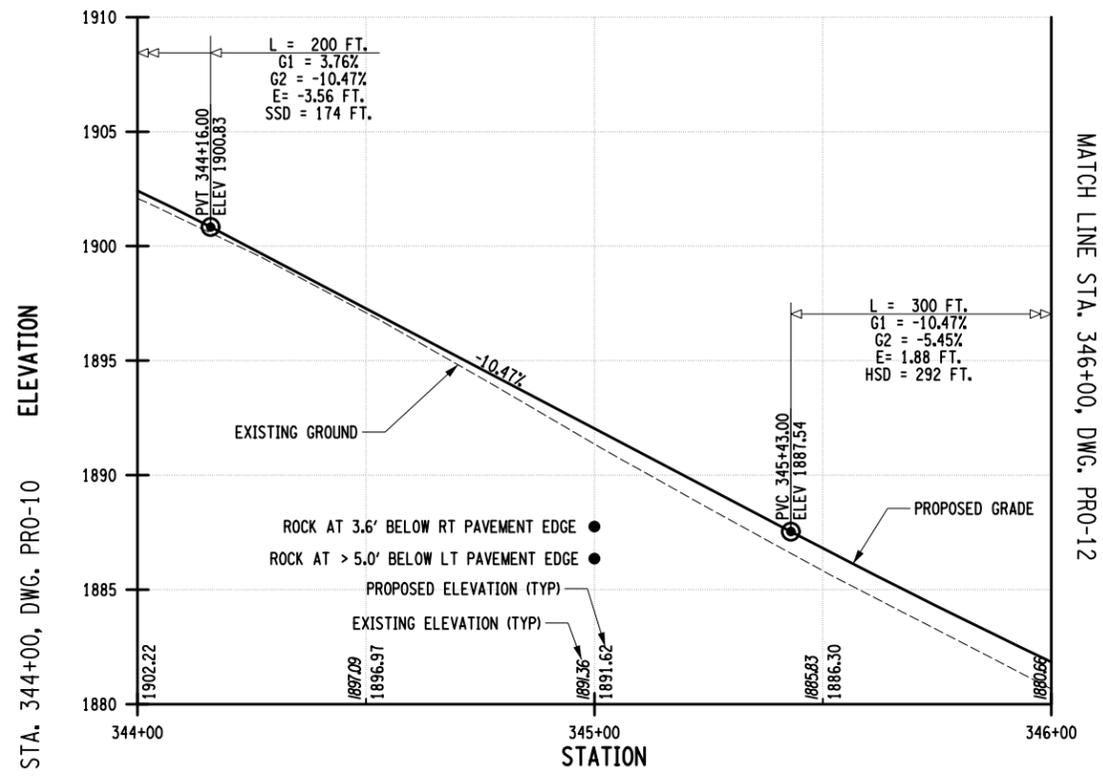
AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: []
 ALTERED BY:
 ON: []

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-10 SHEET NO. 44
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.						ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

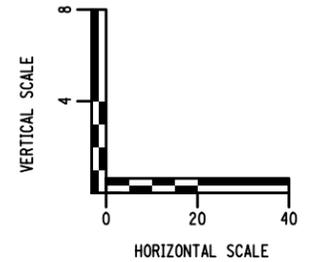


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 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



COUNTY ROUTE 84 (BLUE RIDGE ROAD)



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

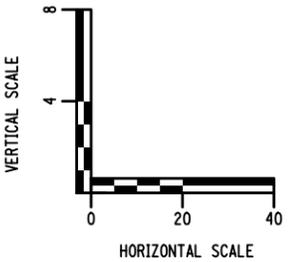
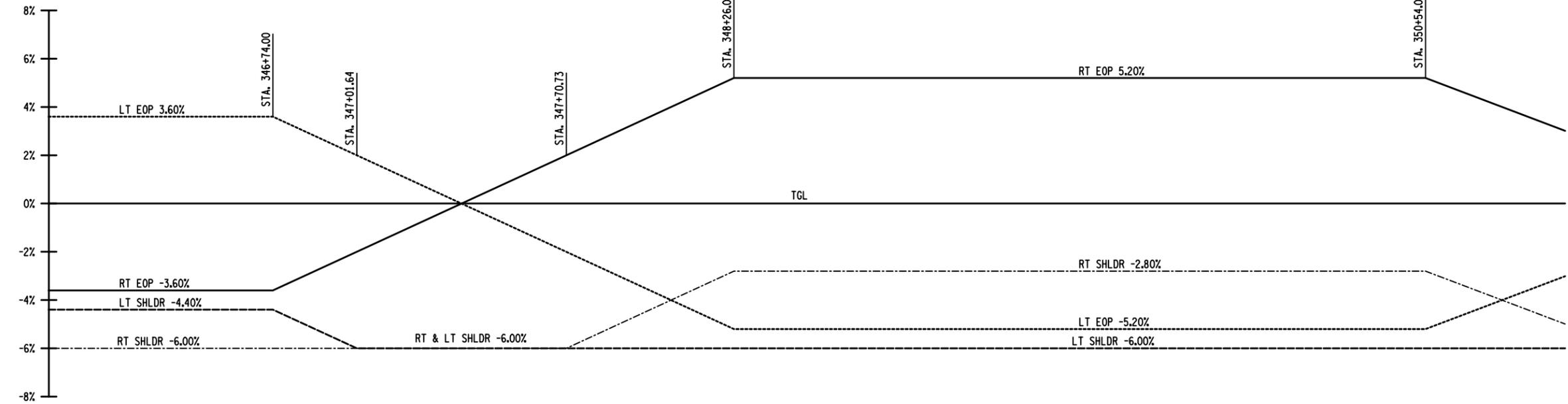
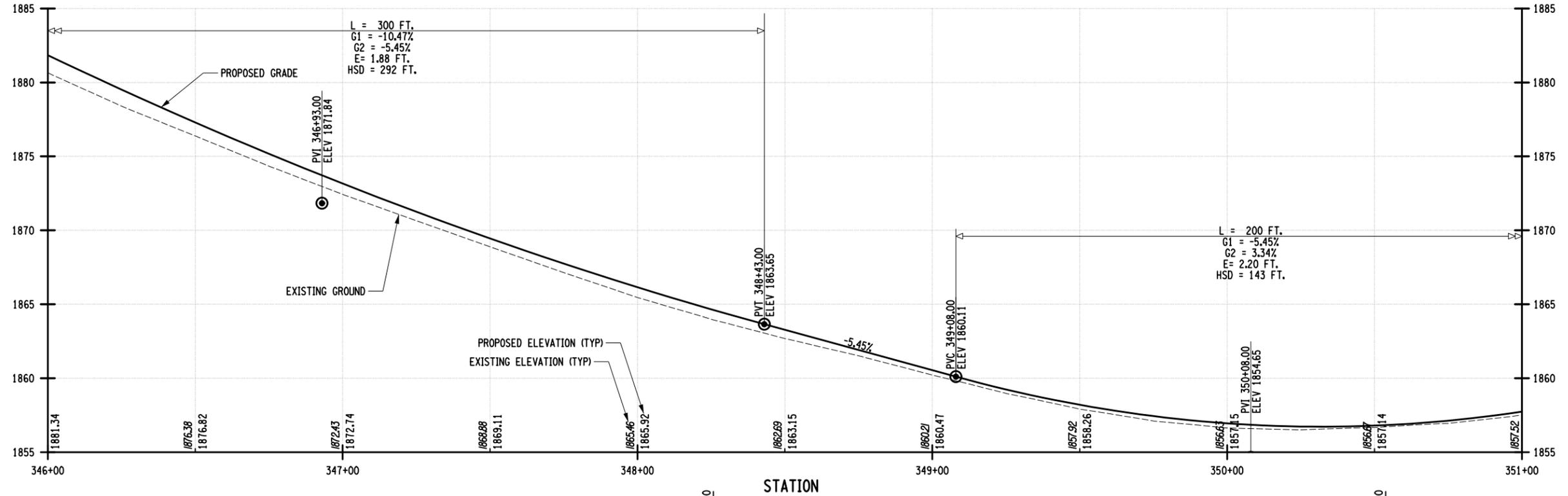
ALTERED BY:
 ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-11 SHEET NO. 45
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.		COUNTY: ESSEX	REGION: 1	GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS		ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

MATCH LINE STA. 346+00, DWG. PRO-11 ELEVATION
 SUPERELEVATION MATCH LINE STA. 351+00, DWG. PRO-13



COUNTY ROUTE 84 (BLUE RIDGE ROAD)

AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-12 SHEET NO. 46
	COUNTY: ESSEX	REGION: 1	PROPOSED PROFILE			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

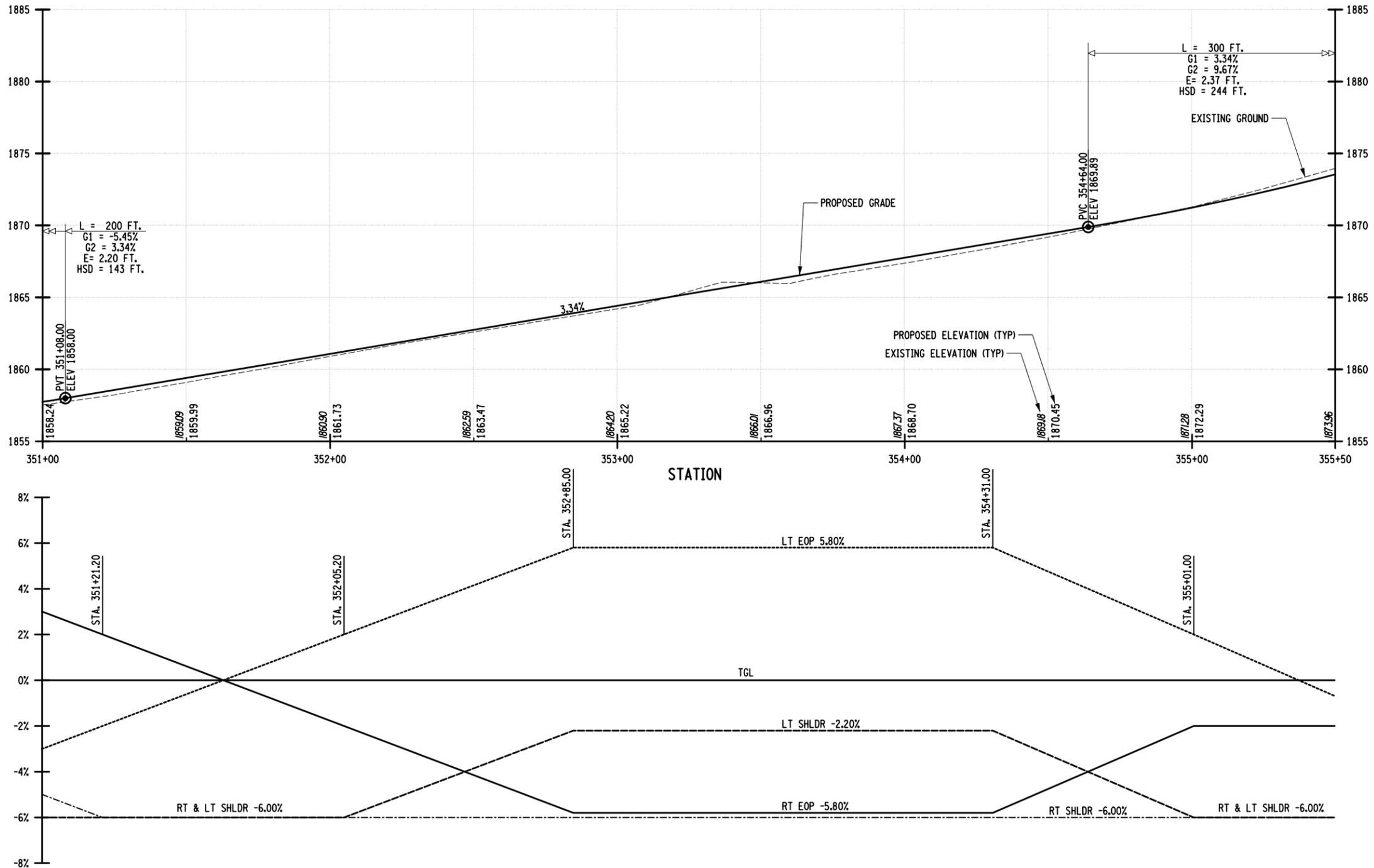
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



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 DATE/TIME = 5/19/2016
 USER = lbach

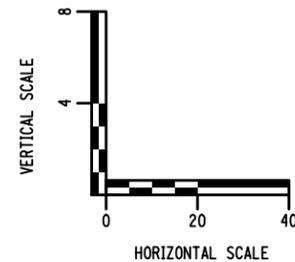
DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

SUPERELEVATION MATCH LINE STA. 351+00, DWG. PRO-12 ELEVATION



MATCH LINE STA. 355+50, DWG. PRO-14

COUNTY ROUTE 84 (BLUE RIDGE ROAD)



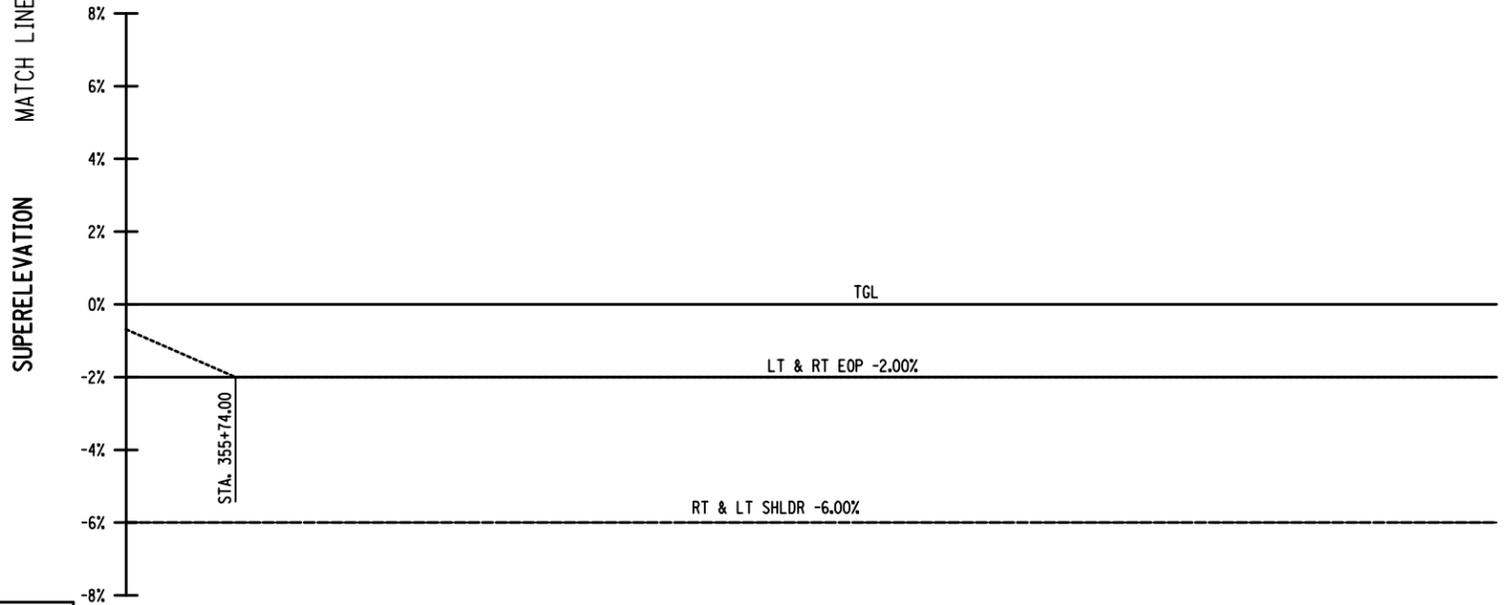
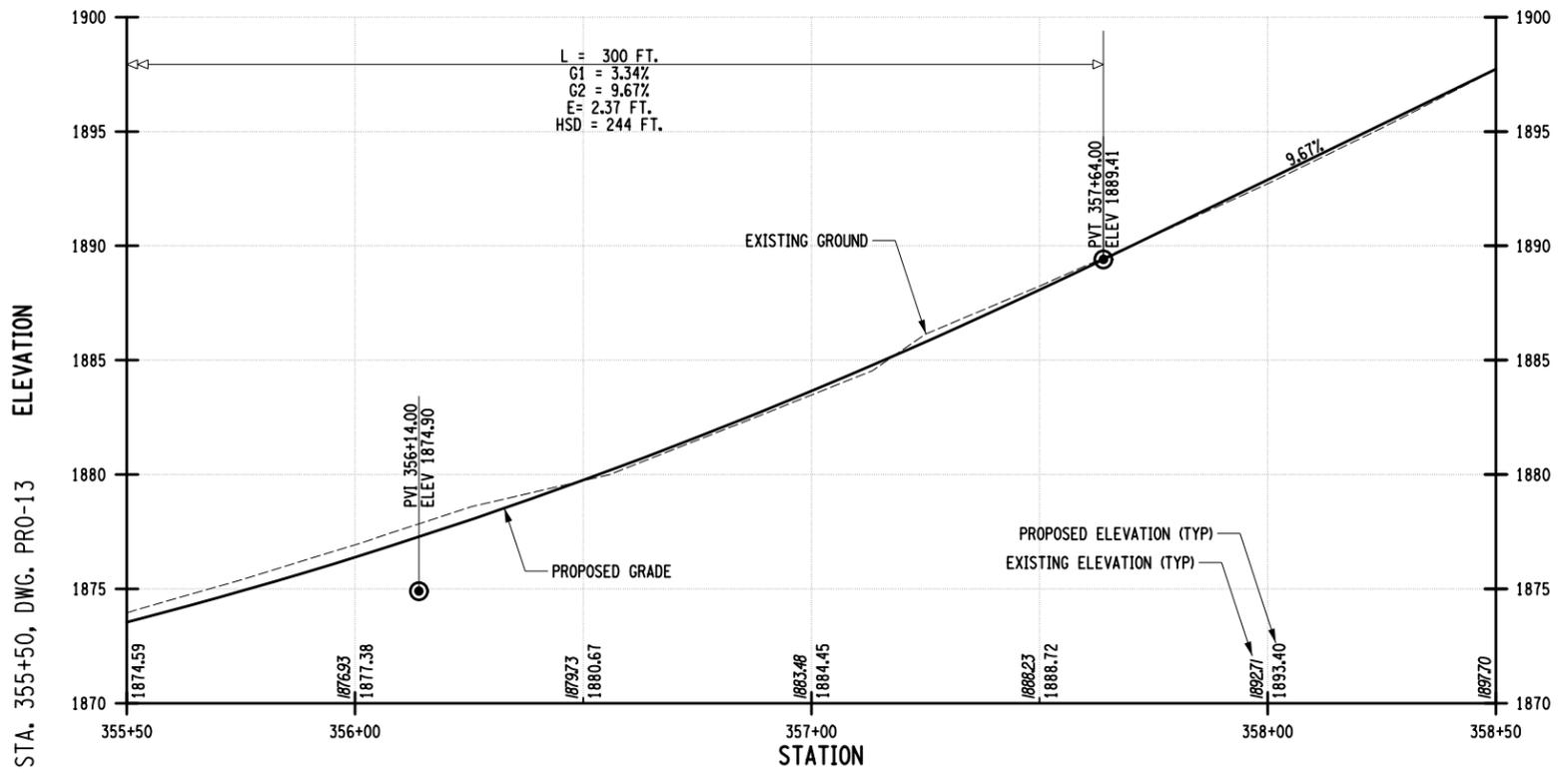
AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON:

ALTERED BY:
 ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-13 SHEET NO. 47
	COUNTY: ESSEX	REGION: 1			GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS	ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						

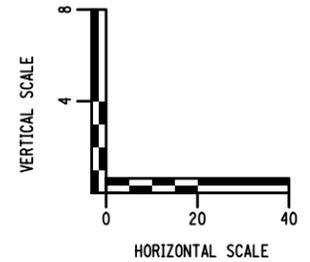
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 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



MATCH LINE STA. 358+50, DWG. PRO-15

COUNTY ROUTE 84 (BLUE RIDGE ROAD)

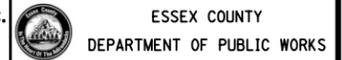


AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



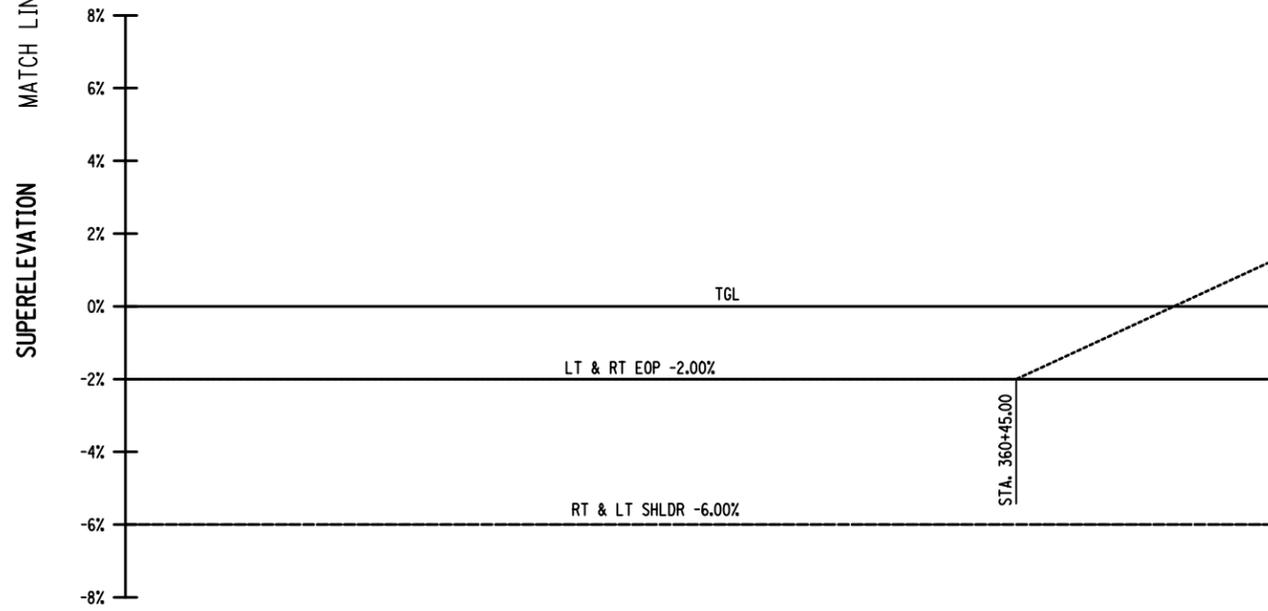
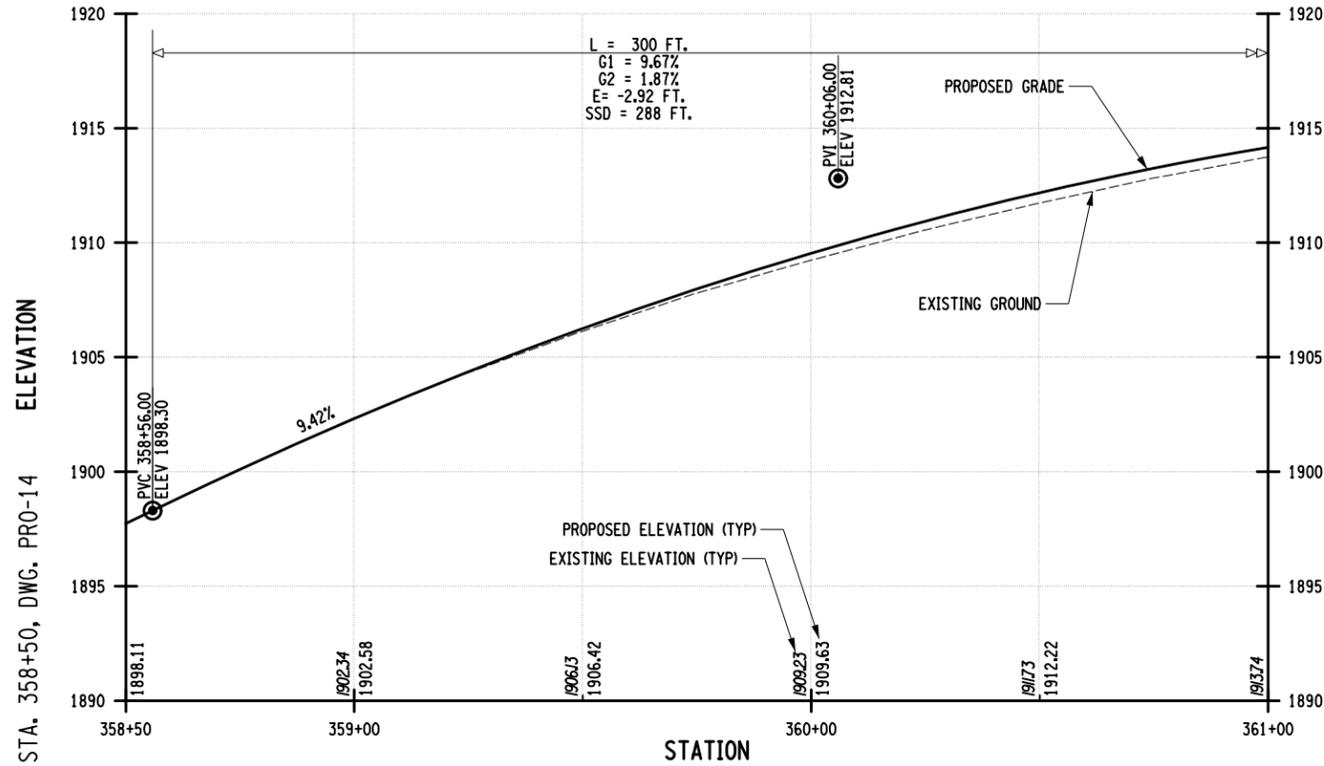
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-14 SHEET NO. 48
	COUNTY: ESSEX	REGION: 1	PROPOSED PROFILE			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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



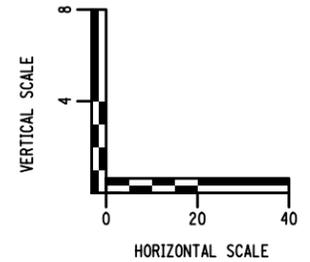
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 USER = lbaoh

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



MATCH LINE STA. 361+00, DWG. PRO-16

COUNTY ROUTE 84 (BLUE RIDGE ROAD)

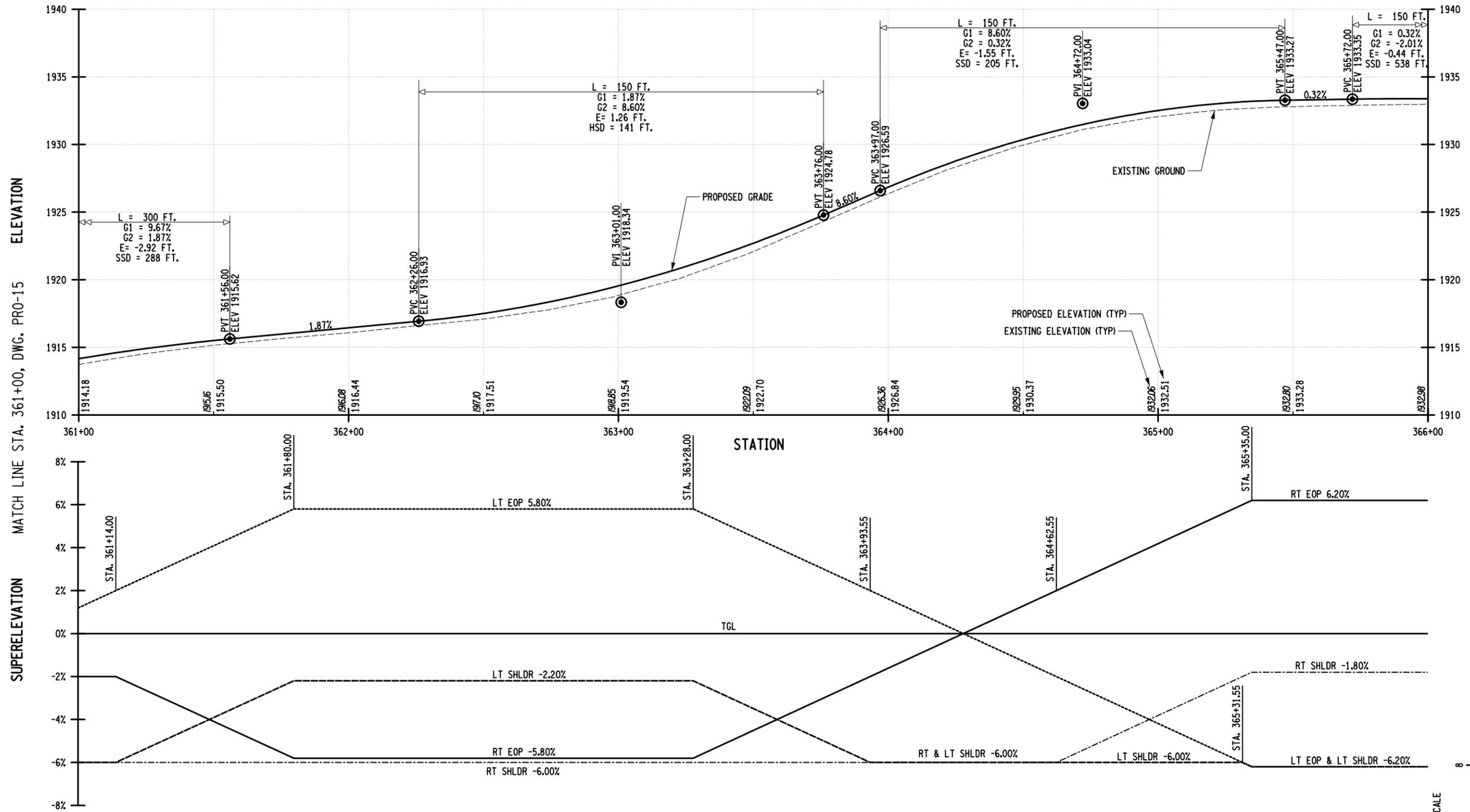


AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-15 SHEET NO. 49
	COUNTY: ESSEX	REGION: 1			GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS	ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS
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 = \\CADD\175999_oph_pro-16.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

ALTERED BY:
 ON: _____

COUNTY ROUTE 84 (BLUE RIDGE ROAD)

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. PRO-16 SHEET NO. 50
COUNTY: ESSEX		REGION: 1	PROPOSED PROFILE			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

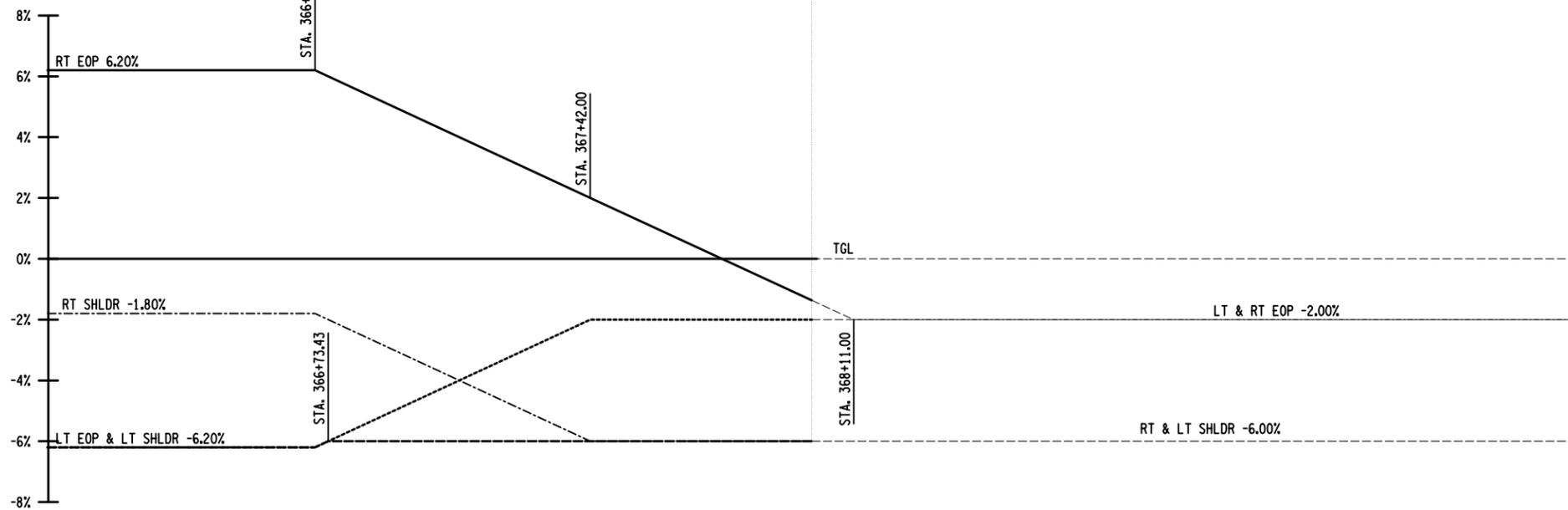
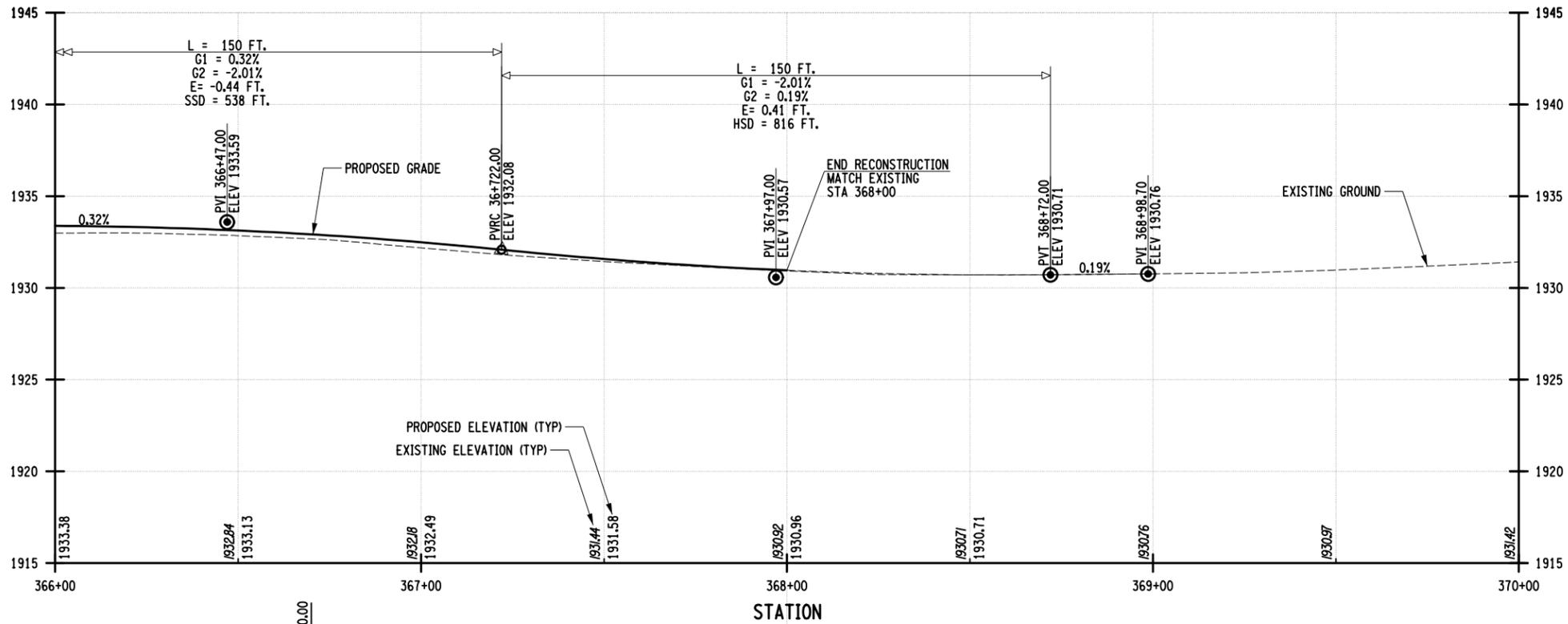
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

GPI GREENMAN-PEDERSEN, INC.
 CONSULTING ENGINEERS

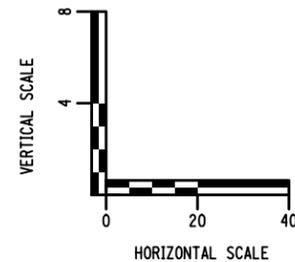
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 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

SUPERELEVATION MATCH LINE STA. 366+00, DWG. PRO-16 ELEVATION



COUNTY ROUTE 84 (BLUE RIDGE ROAD)



AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: _____
 ALTERED BY: ON: _____



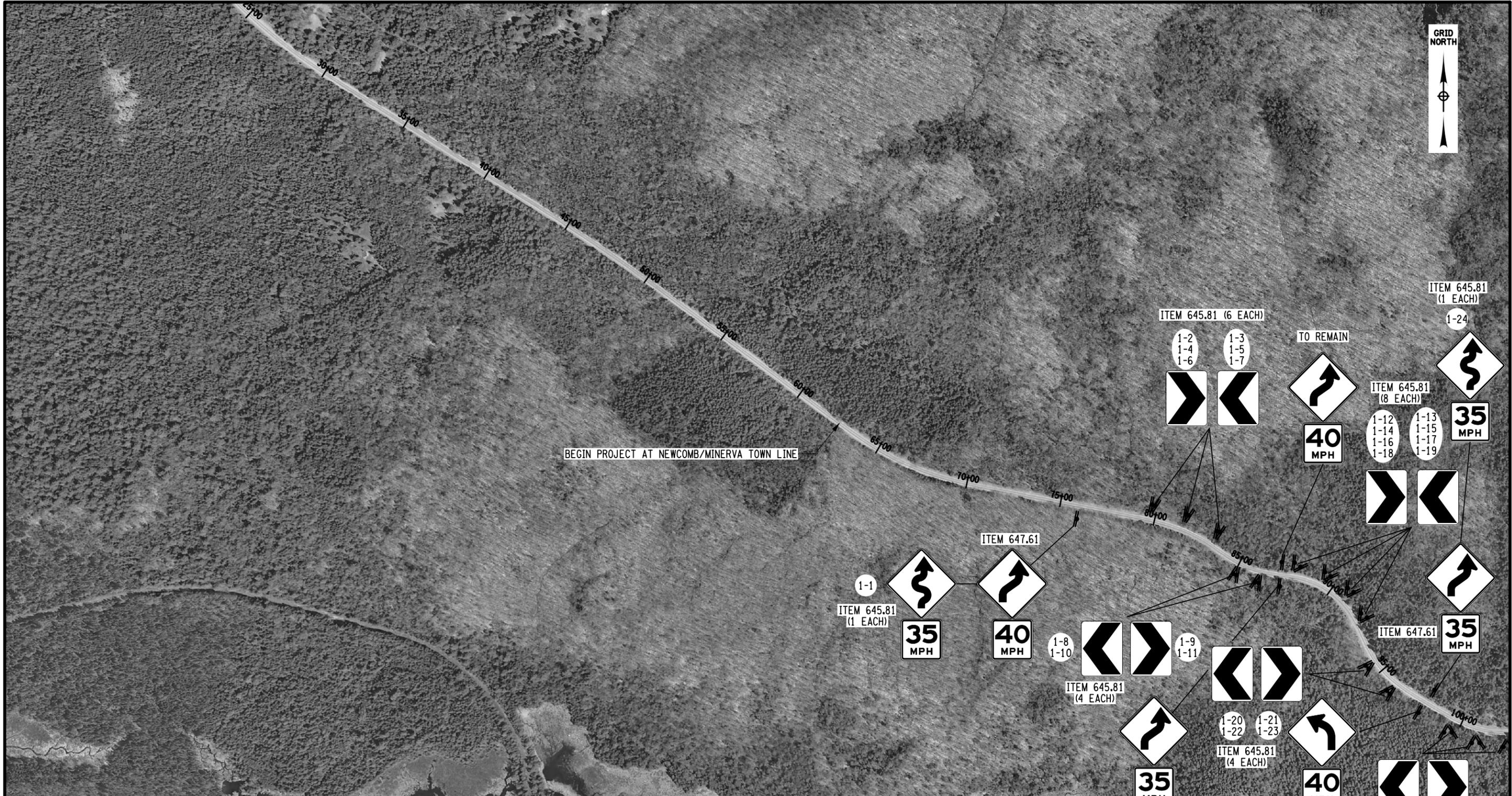
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					DRAWING NO. PRO-17 SHEET NO. 51
	COUNTY: ESSEX	REGION: 1	PROPOSED PROFILE			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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.

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...CADD\175999_cph_sgp_01.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



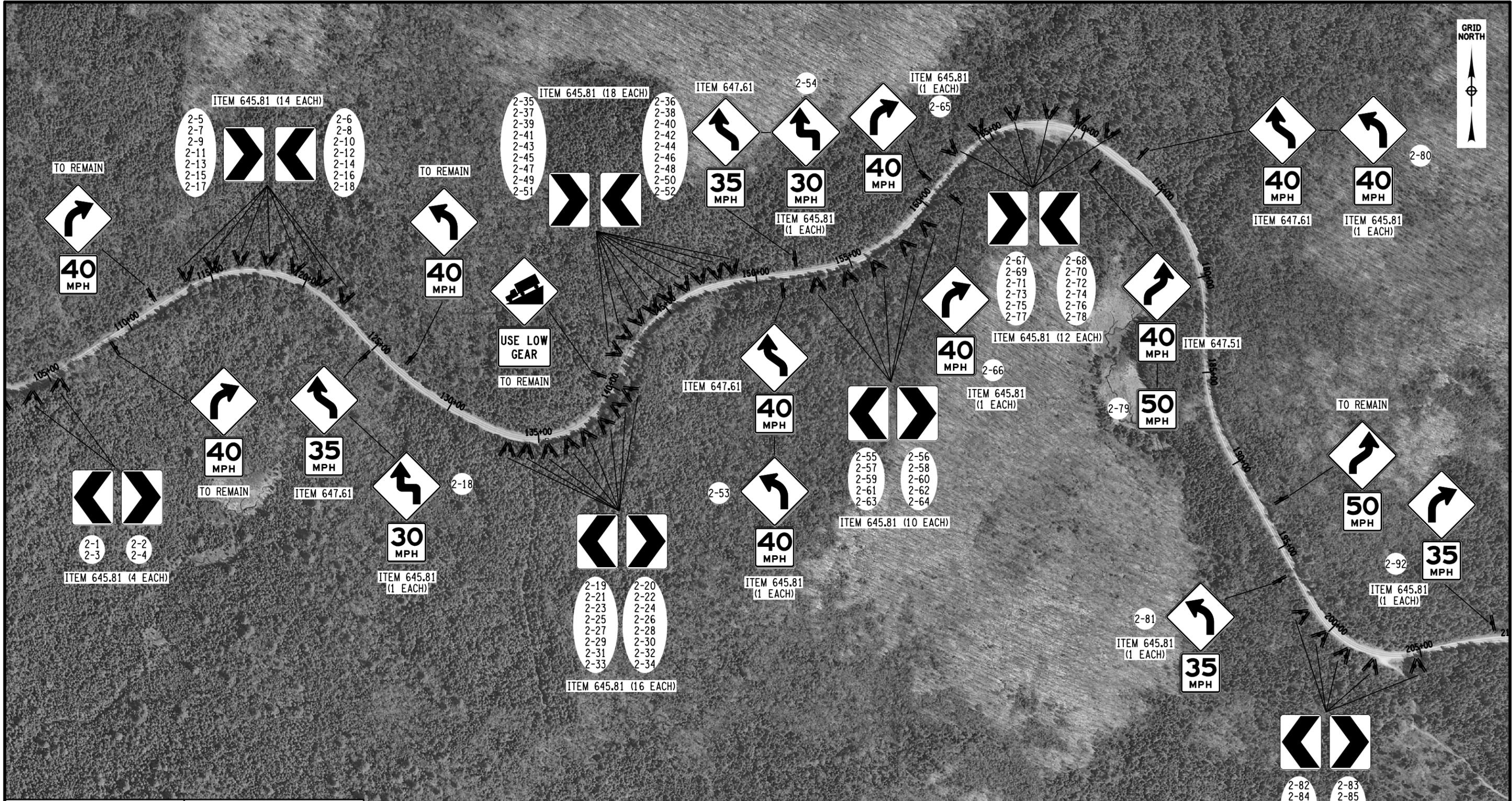
AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84			SIGNING PLAN	DRAWING NO. SGP-1 SHEET NO. 52
	COUNTY: ESSEX	REGION: 1				GPI GREENMAN-PEDERSEN, INC. ESSEX COUNTY CONSULTING ENGINEERS DEPARTMENT OF PUBLIC WORKS

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 = \\cadd\175999_cph_sgp_02.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

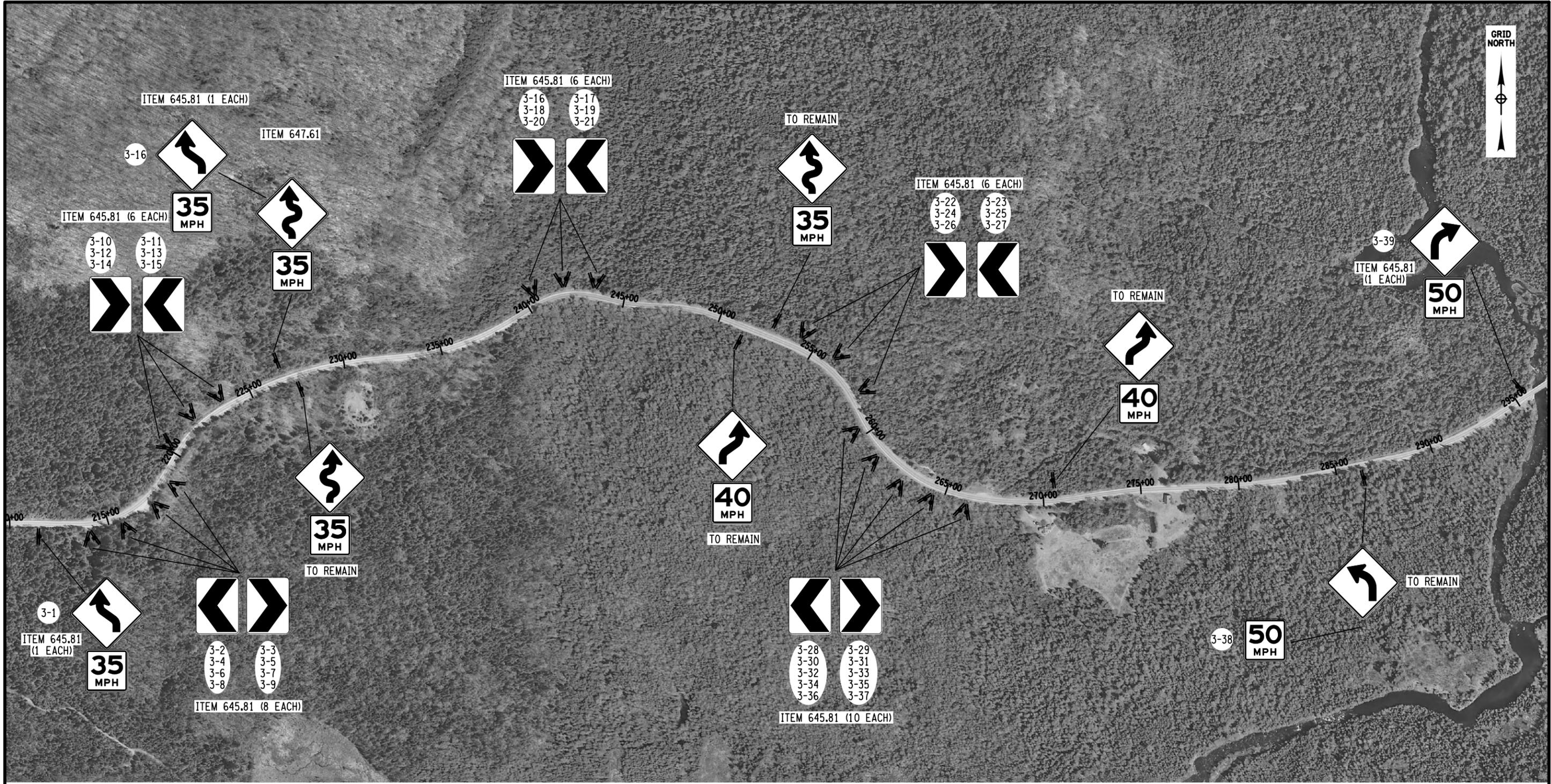


AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909	
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84			SIGNING PLAN	DRAWING NO. SGP-2 SHEET NO. 53	
	COUNTY: ESSEX	REGION: 1				GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS	
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.						ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS	

FILE NAME = \\CADD\175999\cph_sgp_03.dgn
 DATE/TIME = 5/19/2016
 USER = lbaoh

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



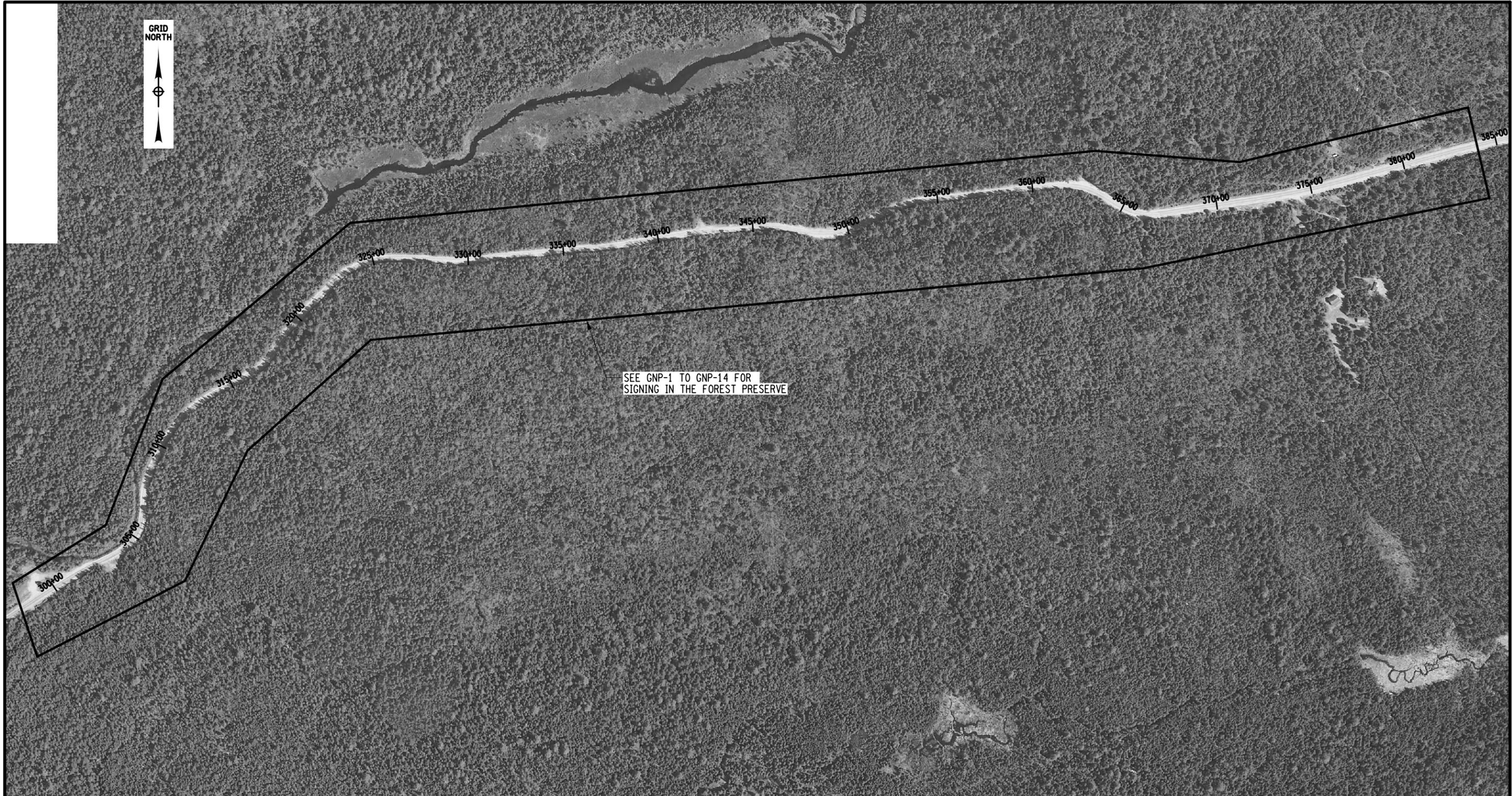
AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				SIGNING PLAN
COUNTY: ESSEX REGION: 1						ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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

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 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

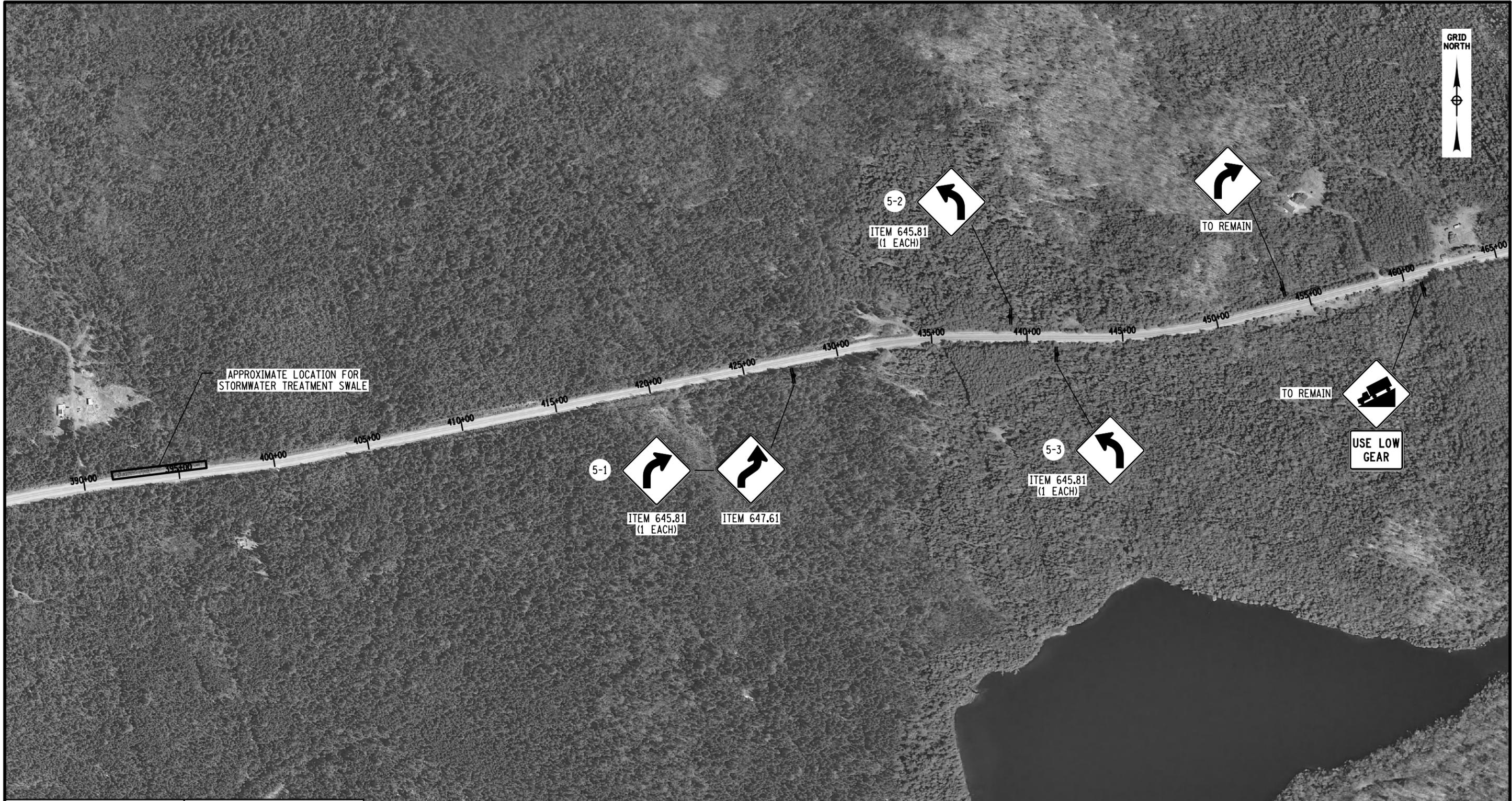


AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					DRAWING NO. SGP-4 SHEET NO. 55
	COUNTY: ESSEX	REGION: 1			SIGNING PLAN	ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS
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.						 GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS

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 USER = lbaech

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				DRAWING NO. SGP-5 SHEET NO. 56
COUNTY: ESSEX REGION: 1					SIGNING PLAN	ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS
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 = ...\\CADD\175999_oph_sgp_06.dgn
 DATE/TIME = 5/19/2016
 USER = lbaoh

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS
 DESCRIPTION OF ALTERATIONS:

COUNTY ROUTE 84, BLUE RIDGE ROAD
 NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS
 COUNTY: ESSEX REGION: 1

PIN 1759.99
 CR 84
 BRIDGES
 3302660
 3302650
 3302670

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 SIGNING PLAN

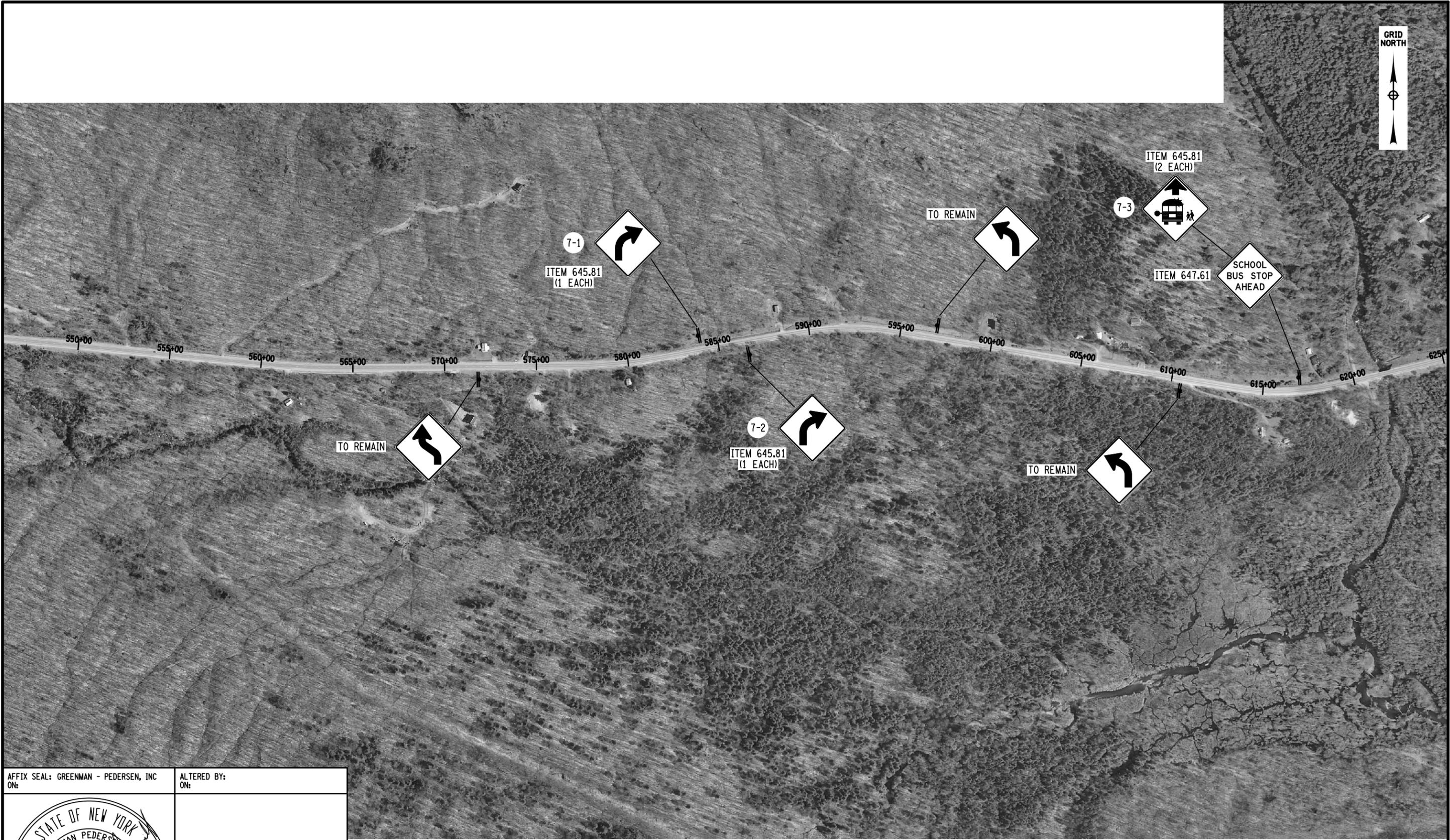
CONTRACT NUMBER
 D034909
 DRAWING NO. SGP-6
 SHEET NO. 57

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

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\1759999_oph_sgp_07.dgn
 DATE/TIME = 5/19/2016
 USER = lbaoh

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER

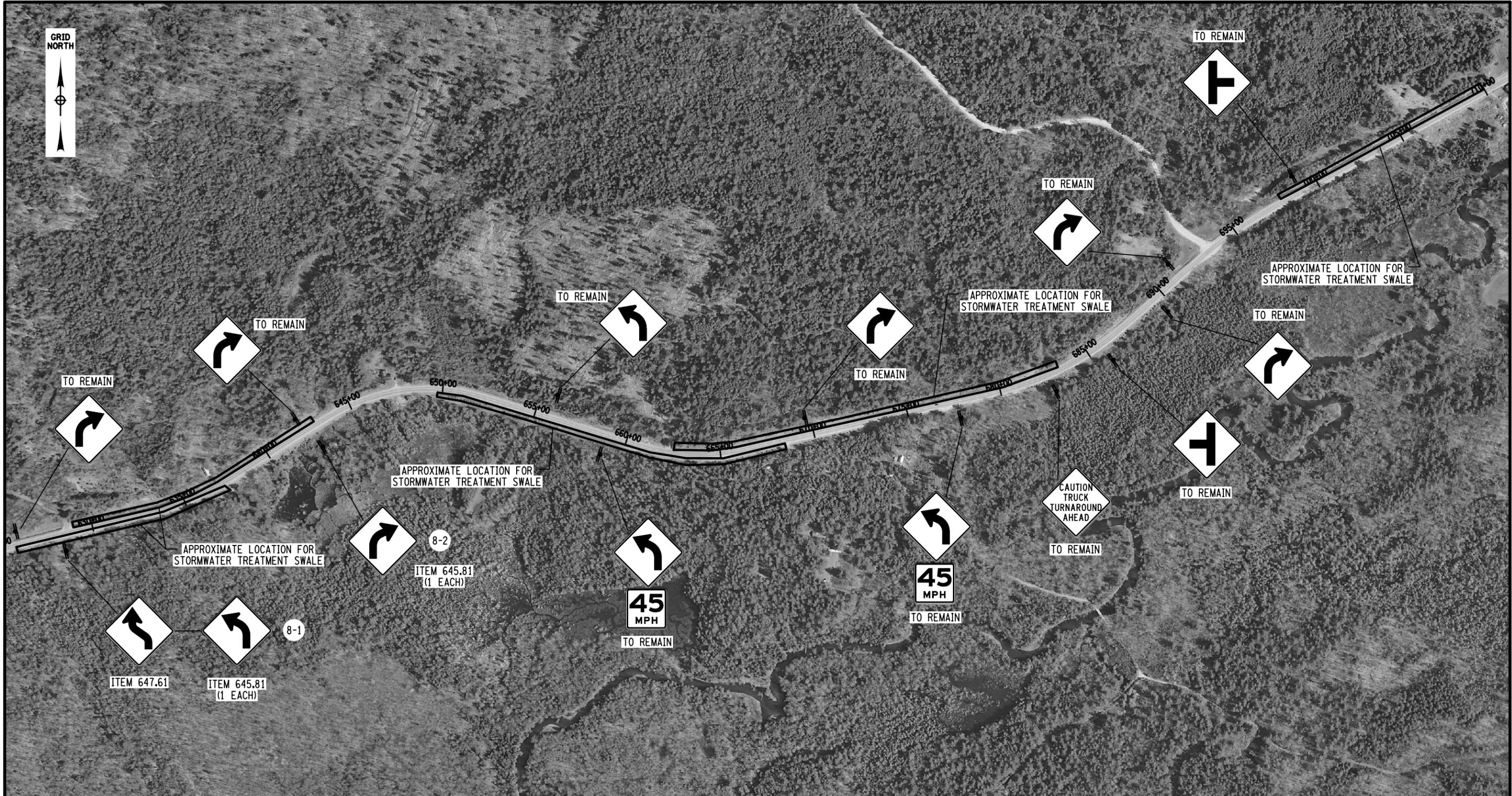


AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				SIGNING PLAN
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.						ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\175999_oph_sgp_006.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



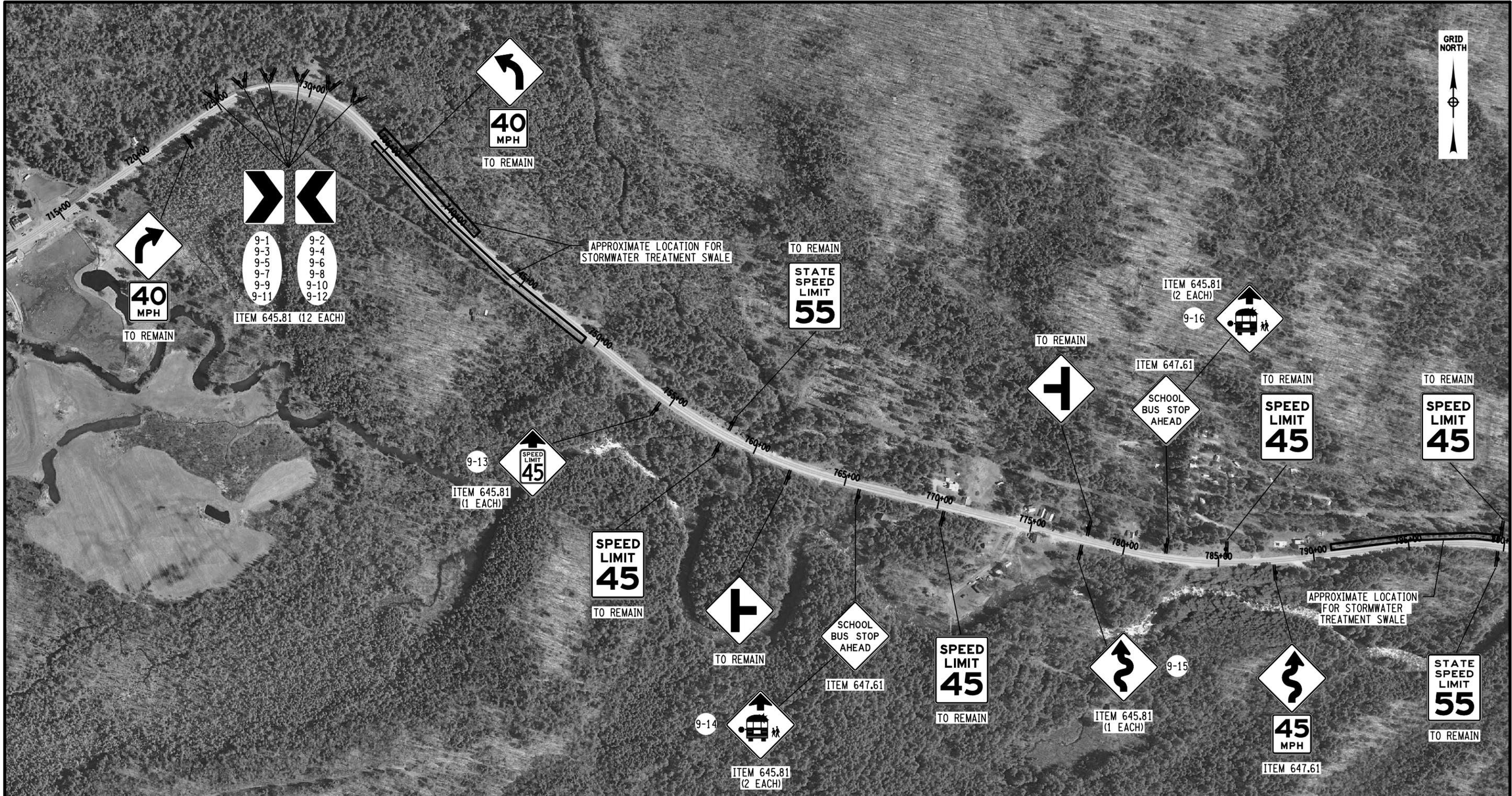
AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

ALTERED BY:
 ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				SIGNING PLAN
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.					GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS	

FILE NAME = \\cadd\175999_cph_sgp_06.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



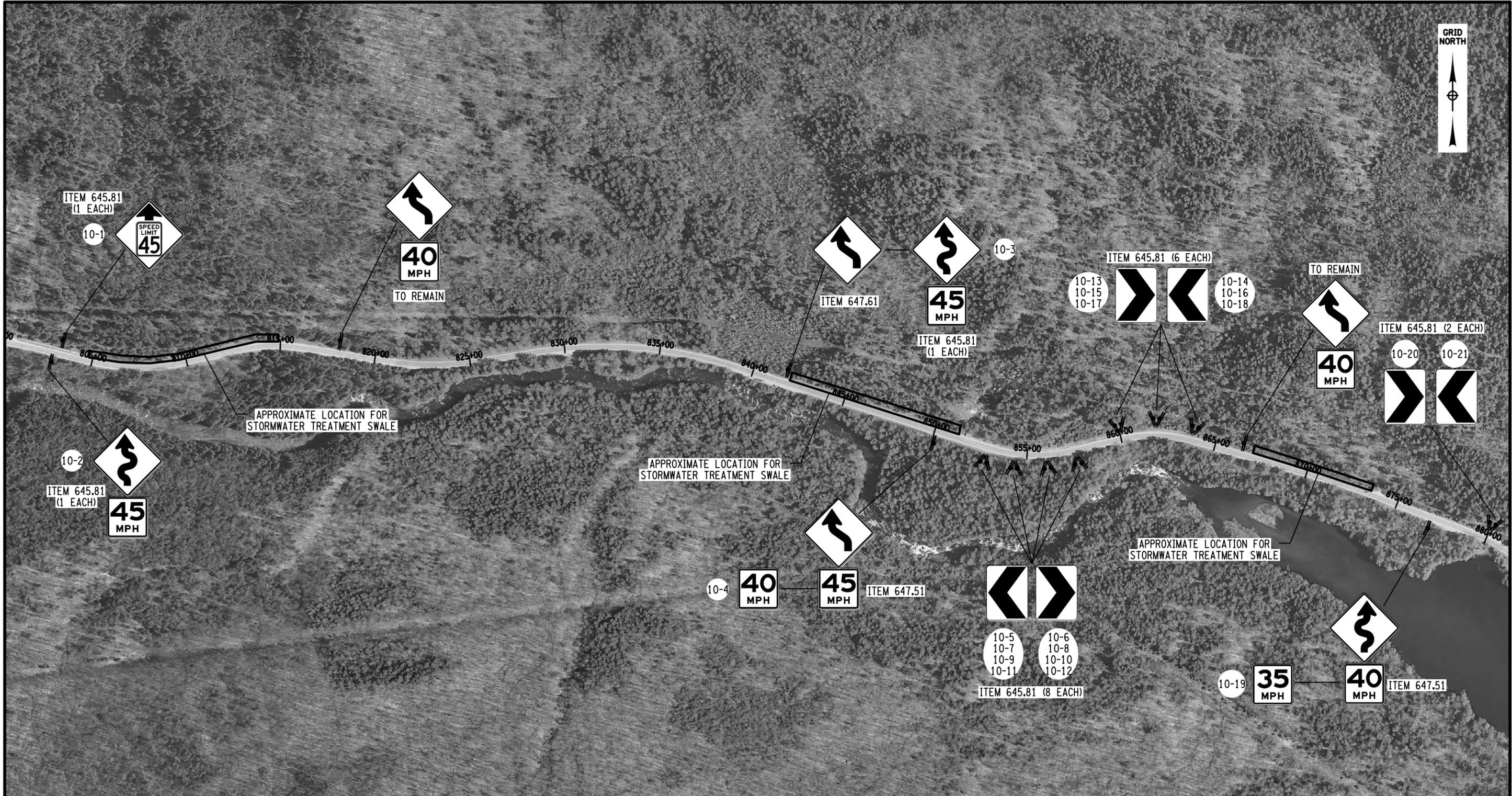
AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____

ALTERED BY:
 ON: _____

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				SIGNING PLAN
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.				GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS		ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = \\CADD\175999_cph_sgp_10.dgn
 DATE/TIME = 5/19/2016
 USER = lbaoh

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



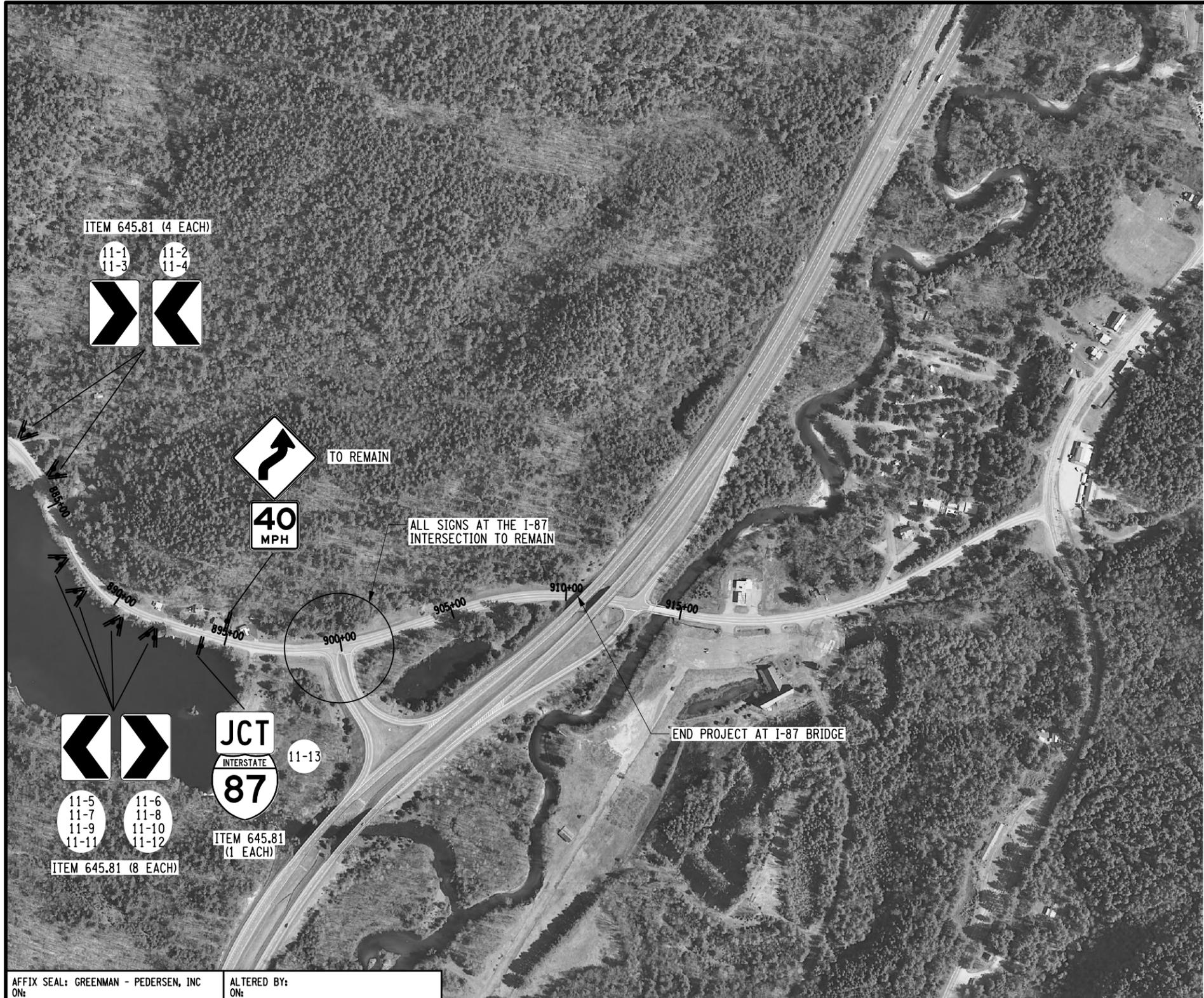
AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



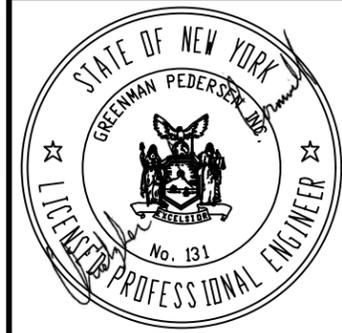
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84				SIGNING PLAN
IT IS A VIOLATION OF LAW 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.					GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS	

FILE NAME = ...\\CADD\175999_oph_sgp_11.dgn
 DATE/TIME = 5/19/2016
 USER = lbach

DESIGN SUPERVISOR C. CORNWELL
 JOB MANAGER E. SNYDER
 DESIGN L. BACH
 CHECK E. SNYDER
 DRAFTING L. BACH
 CHECK E. SNYDER
 PROJECT MANAGER E. SNYDER



AFFIX SEAL: GREENMAN - PEDERSEN, INC
 ON: _____
 ALTERED BY:
 ON: _____



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84			SIGNING PLAN	DRAWING NO. SGP-11 SHEET NO. 62
		COUNTY: ESSEX	REGION: 1			ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

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.

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS



ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

TABLE OF SIGN POSTS (ITEM 645.81)

SHEET NO.	QUANTITY
SGP-1	30
SGP-2	92
SGP-3	39
SGP-4	0
SGP-5	3
SGP-6	1
SGP-7	4
SGP-8	2
SGP-9	18
SGP-10	19
SGP-11	13
GNP-1	1
GNP-2	10
GNP-3	10
GNP-4	10
GNP-5	6
GNP-6	7
GNP-7	0
GNP-8	0
GNP-9	2
GNP-10	11
GNP-11	6
GNP-12	2
GNP-13	12
GNP-14	0
TOTAL	298

SIGN INSTALLATION TABLE

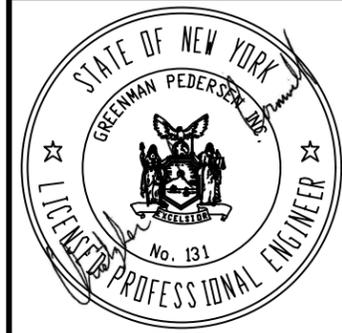
DESIGNATION & COLOR (SEE NOTE 2)	LOCATION (SEE NOTE 4)	TEXT	ITEM	SIZE	PAYMENT AREA (SEE NOTE 3)
				AREA (SEE NOTE 3)	TOTAL PAYMENT AREA
W1-2L	G6-7, 2-53, 2-80, 2-81, 5-2, 5-3, 8-1		645.5102	30 x 30	6.3
				6.3	44.1
W1-2R	G5-1, 2-65, 2-66, 2-92, 3-39, 5-1, 6-1, 7-1, 7-2, 8-2		645.5102	30 x 30	6.3
				6.3	63.0
W1-3L	2-18, 2-54		645.5102	30 x 30	6.3
				6.3	12.6
W1-4L	3-1, 3-16		645.5102	30 x 30	6.3
				6.3	12.6
W3-5	9-13, 10-1		645.5102	30 x 30	6.3
				6.3	12.6
S3-1 (BLACK ON FLOURESCENT YELLOW-GREEN)	7-3, 9-14, 9-16		645.5202	36 x 36	9.0
				9.0	27.0
W13-1P	G1-1, G5-2, G9-1, G12-1, G12-2		645.5102	18 x 18	2.3
				2.3	11.5
W1-3R	G12-1		645.5102	30 x 30	6.3
				6.3	6.3
W1-1R	G5-1		645.5102	30 x 30	6.3
				6.3	6.3

SIGN INSTALLATION TABLE

DESIGNATION & COLOR (SEE NOTE 2)	LOCATION (SEE NOTE 4)	TEXT	ITEM	SIZE	PAYMENT AREA (SEE NOTE 3)
				AREA (SEE NOTE 3)	TOTAL PAYMENT AREA
W13-1P	G5-1, G6-7, 2-18, 2-54		645.5102	18 x 18	2.3
				2.3	9.2
W13-1P	1-1, 1-24, 2-81, 2-92, 3-1, 3-16, 10-19		645.5102	18 x 18	2.3
				2.3	16.1
W13-1P	2-53, 2-65, 2-66, 2-80, 10-4		645.5102	18 x 18	2.3
				2.3	11.5
W13-1P	10-2, 10-3		645.5102	18 x 18	2.3
				2.3	4.6
W13-1P	2-79, 3-38, 3-39		645.5102	18 x 18	2.3
				2.3	3.0
W1-5R	G1-1, G9-1, 1-1, 1-24, G5-2		645.5102	30 x 30	6.3
				6.3	31.5
W1-5L	9-15, 10-2, 12-2, 10-3		645.5102	30 x 30	6.3
				6.3	25.2
M2-1 (WHITE ON BLUE)	11-13		645.5102	21 x 15	2.2
				2.2	2.2
M1-1	11-13		645.5102	24 x 24	4.0
				3.2	4.0
W1-1L	G6-7		645.5102	30 x 30	6.3
				6.3	6.3

- NOTES:**
- SIGN LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL INSTALL NEW SIGNS AND RELOCATE EXISTING SIGNS IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
 - THE COLOR IS ONLY SHOWN WHEN THERE IS AN OPTION THAT MUST BE SPECIFIED.
 - THE AREA AND PAYMENT AREA FOR SIGNS ARE FROM THE APPLICABLE STANDARD SHEETS OR SIGN FACE LAYOUTS.
 - LOCATION NUMBERS WITH A "G" INDICATE A SIGN ON SHEETS GNP-1 TO GNP-14.

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: ALTERED BY: ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS					DRAWING NO. SGT-1 SHEET NO. 63
	COUNTY: ESSEX	REGION: 1	SIGN TABLES			

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.

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS
 ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...CADD\175999_cph_sgt_01.dgn
 DATE/TIME = 5/19/2016
 USER = lbaach

PROJECT MANAGER E. SNYDER
 CHECK E. SNYDER
 DRAFTING L. BACH
 DESIGN L. BACH
 CHECK E. SNYDER
 JOB MANAGER E. SNYDER
 DESIGN SUPERVISOR C. CORNWELL

SIGN INSTALLATION TABLE					
DESIGNATION & COLOR (SEE NOTE 2)	LOCATION (SEE NOTE 4)	TEXT	ITEM	SIZE	PAYMENT AREA (SEE NOTE 3)
				AREA (SEE NOTE 3)	TOTAL PAYMENT AREA
W1-8R	G2-2, G2-4, G2-6, G2-8, G2-9, G3-1, G3-3, G3-5, G3-7, G3-9, G4-1, G4-3, G4-5, G4-7, G4-9, G5-3, G5-5, G6-1, G6-3, G6-5, G9-2, G10-2, G10-4, G10-7, G10-9, G10-11, G11-1, G11-3, G11-5, G13-1, G13-3, G13-5, G13-8, G13-10, G13-12, 1-2, 1-4, 1-6, 1-9, 1-11, 1-12, 1-14, 1-16, 1-18, 1-21, 1-23, 1-26, 1-28, 1-30, 2-2, 2-4, 2-5, 2-7, 2-9, 2-11, 2-13, 2-15, 2-17, 2-20, 2-22, 2-24, 2-26, 2-28, 2-30, 2-32, 2-34, 2-35, 2-37, 2-39, 2-41, 2-43, 2-45, 2-47, 2-49, 2-51, 2-56, 2-58, 2-60, 2-62, 2-64, 2-67, 2-69, 2-71, 2-73, 2-75, 2-77, 2-83, 2-85, 2-87, 2-89, 2-91, 3-3, 3-5, 3-7, 3-9, 3-10, 3-12, 3-14, 3-16, 3-18, 3-20, 3-22, 3-24, 3-26, 3-29, 3-31, 3-33, 3-35, 3-37, 9-1, 9-3, 9-5, 9-7, 9-9, 9-11, 10-6, 10-8, 10-10, 10-12, 10-13, 10-15, 10-17, 10-20, 11-1, 11-3, 11-6, 11-8, 11-10, 11-12		645.5202	18 x 24	3.0
				3.0	387.0

SIGN INSTALLATION TABLE					
DESIGNATION & COLOR (SEE NOTE 2)	LOCATION (SEE NOTE 4)	TEXT	ITEM	SIZE	PAYMENT AREA (SEE NOTE 3)
				AREA (SEE NOTE 3)	TOTAL PAYMENT AREA
W1-8L	G2-1, G2-3, G2-5, G2-7, G2-10, G3-2, G3-4, G3-6, G3-8, 3-10, G4-2, G4-4, G4-6, G4-8, G4-10, G5-4, G5-6, G6-2, G6-4, G6-6, G10-1, G10-3, G10-5, G10-6, G10-8, G10-10, G11-2, G11-4, G11-6, G13-2, G13-4, G13-6, G13-7, G13-9, G13-11, 1-3, 1-5, 1-7, 1-8, 1-10, 1-13, 1-15, 1-17, 1-19, 1-20, 1-22, 1-25, 1-27, 1-29, 2-1, 2-3, 2-6, 2-8, 2-10, 2-12, 2-14, 2-16, 2-18, 2-19, 2-21, 2-23, 2-25, 2-27, 2-29, 2-31, 2-33, 2-36, 2-38, 2-40, 2-42, 2-44, 2-46, 2-48, 2-50, 2-52, 2-55, 2-57, 2-59, 2-61, 2-63, 2-68, 2-70, 2-72, 2-74, 2-76, 2-78, 2-82, 2-84, 2-86, 2-88, 2-90, 3-2, 3-4, 3-6, 3-8, 3-11, 3-13, 3-15, 3-17, 3-19, 3-21, 3-23, 3-25, 3-27, 3-28, 3-30, 3-32, 3-34, 3-36, 9-2, 9-4, 9-6, 9-8, 9-10, 9-12, 10-5, 10-7, 10-9, 10-11, 10-14, 10-16, 10-18, 10-21, 11-2, 11-4, 11-5, 11-7, 11-9, 11-11		645.5202	18 x 24	3.0
				3.0	387.0

NOTES:

- SIGN LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL INSTALL NEW SIGNS AND RELOCATE EXISTING SIGNS IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
- THE COLOR IS ONLY SHOWN WHEN THERE IS AN OPTION THAT MUST BE SPECIFIED.
- THE AREA AND PAYMENT AREA FOR SIGNS ARE FROM THE APPLICABLE STANDARD SHEETS OR SIGN FACE LAYOUTS.
- LOCATION NUMBERS WITH A "G" INDICATE A SIGN ON SHEETS GNP-1 TO GNP-14.

AFFIX SEAL: GREENMAN - PEDERSEN, INC ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	PIN 1759.99 CR 84	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D034909
	COUNTY: ESSEX REGION: 1				SIGN TABLES	DRAWING NO. SGT-2 SHEET NO. 64
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					 GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS	
					ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS	

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	BASE BID	ALT 1	ALT 2	ALT 3	UNIT	ITEM NO.	DESCRIPTION	BASE BID	ALT 1	ALT 2	ALT 3	UNIT
201.06	CLEARING AND GRUBBING	1				LS	605.17	OPTIONAL UNDERDRAIN PIPE, 4 INCH DIAMETER	1,575				LF
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	9,846				CY	606.10	BOX BEAM GUIDE RAILING	1,204				LF
203.03	EMBANKMENT IN PLACE	1,113				CY	606.100002	BOX BEAM GUIDE RAILING (SHOP BENT OR SHOP MITERED)	460				LF
203.07	SELECT GRANULAR FILL	89				CY	606.120102	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I	3				EACH
206.0201	TRENCH AND CULVERT EXCAVATION	147				CY	606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA	7				EACH
206.05	TEST PIT EXCAVATION	6				EACH	606.51	RESETTING CORRUGATED BEAM GUIDE RAILING	249				LF
207.21	GEOTEXTILE SEPARATION	31,343				SY	606.630000	REMOVING AND STORING BOX BEAM GUIDE RAILING	1,446				LF
209.1003	SEED AND MULCH - TEMPORARY	7,802				SY	608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS ,AND VEGETATION CONTROL STRIPS	79				TON
209.1106	CHECK DAM, STONE-PERMANENT	184				EACH	608.020112	PLANT PRODUCTION QUALITY ADJUSTMENT TO 608.020102	4				QU
209.13	SILT FENCE-TEMPORARY	1,000				LF	610.1402	TOPSOIL - ROADSIDE	867				CY
209.22	CONSTRUCTION ENTRANCE	292				SY	610.1601	TURF ESTABLISHMENT - ROADSIDE	7,802				SY
304.12	SUBBASE COURSE, TYPE 2	10,901				CY	619.01	BASIC WORK ZONE TRAFFIC CONTROL	1	1	1	1	LS
402.126202	12.5 F2 TOP COURSE HMA, 60 SERIES COMPACTION	1,880	2,339			TON	619.110202	PORTABLE, VARIABLE MESSAGE SIGN (PVMS) (LED) (CELLULAR COMMUNICATIONS)	2				EACH
402.126212	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.126202	94	117			QU	620.03	STONE FILLING (LIGHT)	16				CY
402.126222	PAVEMENT DENSITY QUALITY ADJUSTMENT TO 402.126202	1	1			QU	621.01	CLEANING CULVERTS WITH SPAN OF 50 IN. OR LESS	384				LF
402.126252	TEST SECTION ADJUSTMENT TO 402.126202	200	200			QU	621.51000015	GRADING CLEANING AND RESHAPING EXSTING DITCHES	3,675				LF
402.196902	19 F9 BINDER COURSE HMA, 60 SERIES COMPACTION	2,563				TON	625.01	SURVEY OPERATIONS	1				LS
402.196912	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.196902	129				QU	627.50140008	CUTTING PAVEMENT	420				LF
402.196922	PAVEMENT DENSITY QUALITY ADJUSTMENT TO 402.196902	1				QU	633.12	CLEANING, SEALING AND/OR FILLING CRACKS	1	1	1	1	LS
402.196952	TEST SECTION ADJUSTMENT TO 402.196902	200				QU	637.11	ENGINEER'S FIELD OFFICE - TYPE 1	6				MNTH
402.376902	37.5 F9 BASE COURSE HMA, 60 SERIES COMPACTION	3,885				TON	637.34	OFFICE TECHNOLOGY AND SUPPLIES	5,000				DC
402.376912	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.376902	195				QU	645.5102	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS	295				SF
402.376922	PAVEMENT DENSITY QUALITY ADJUSTMENT TO 402.376902	1				QU	645.5202	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS, HIGH-VISIBILITY SHEETING	842				SF
402.376952	TEST SECTION ADJUSTMENT TO 402.376902	200				QU	645.81	TYPE A SIGN POSTS	298				EACH
407.0102	DILUTED TACK COAT	2,669	2,772			GAL	646.22	DELINEATOR, SNOWPLOWING MARKER, SUPPLEMENTARY SNOWPLOWING MARKER PANELS	22				EACH
490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	607	27,720			SY	646.32	STEEL POST, 2.0 LB/FT	17				EACH
568.54	STEEL BRIDGE RAILING (THREE RAIL)	318				LF	647.51	REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SQUARE FEET)	4				EACH
568.70	TRANSITION BRIDGE RAILING	269				LF	647.61	REM AND DISPOSE GROUND MOUNTED TYPE A SIGN SUPPORT(S), FDNS AND ANY ATTACHED SIGNS - SIZE I (UNDER 30 SQUARE FEET)	24				EACH
586.02	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	200				EACH	685.11	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS	15,330	16,632			LF
587.01	BRIDGE RAILING REMOVAL AND DISPOSAL	343				LF	685.12	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS	14,910	16,632			LF
603.6002	REINFORCED CONCRETE PIPE CLASS III, 15 INCH DIAMETER	116				LF	697.03	FIELD CHANGE PAYMENT	100,000	16,000	3,000	1,000	DC
603.6005	REINFORCED CONCRETE PIPE CLASS III, 24 INCH DIAMETER	51				LF	698.04	ASPHALT PRICE ADJUSTMENT	10,500	2,900			DC
603.77	CONCRETE COLLARS	1				EACH	698.05	FUEL PRICE ADJUSTMENT	100	100			DC
605.1001	UNDERDRAIN FILTER TYPE 2	59				CY	699.040001	MOBILIZATION	1	1	1	1	LS

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	COUNTY ROUTE 84, BLUE RIDGE ROAD	PIN 1759.99	BRIDGES 3302660 3302650 3302670	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	ESTIMATE OF QUANTITIES	CONTRACT NUMBER D034909
	NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS	CR 84					DRAWING NO. EQQ-1 SHEET NO. 65
	COUNTY: ESSEX	REGION: 1					

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

GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS

ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS