

PROJECT MANAGER E. SNYDER

CHECK E. SNYDER

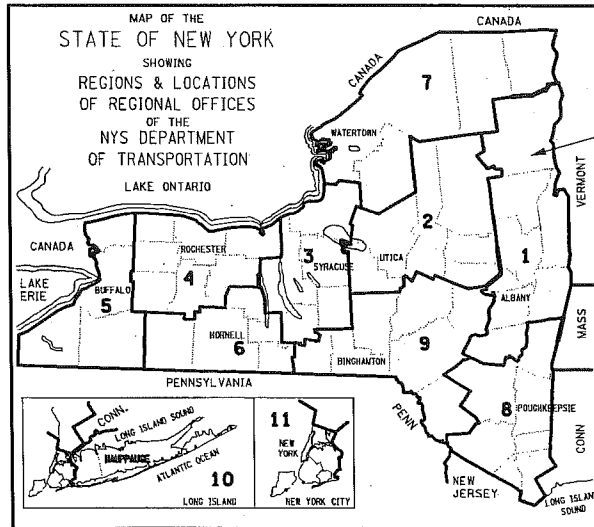
DRAFTING L. BACH

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.

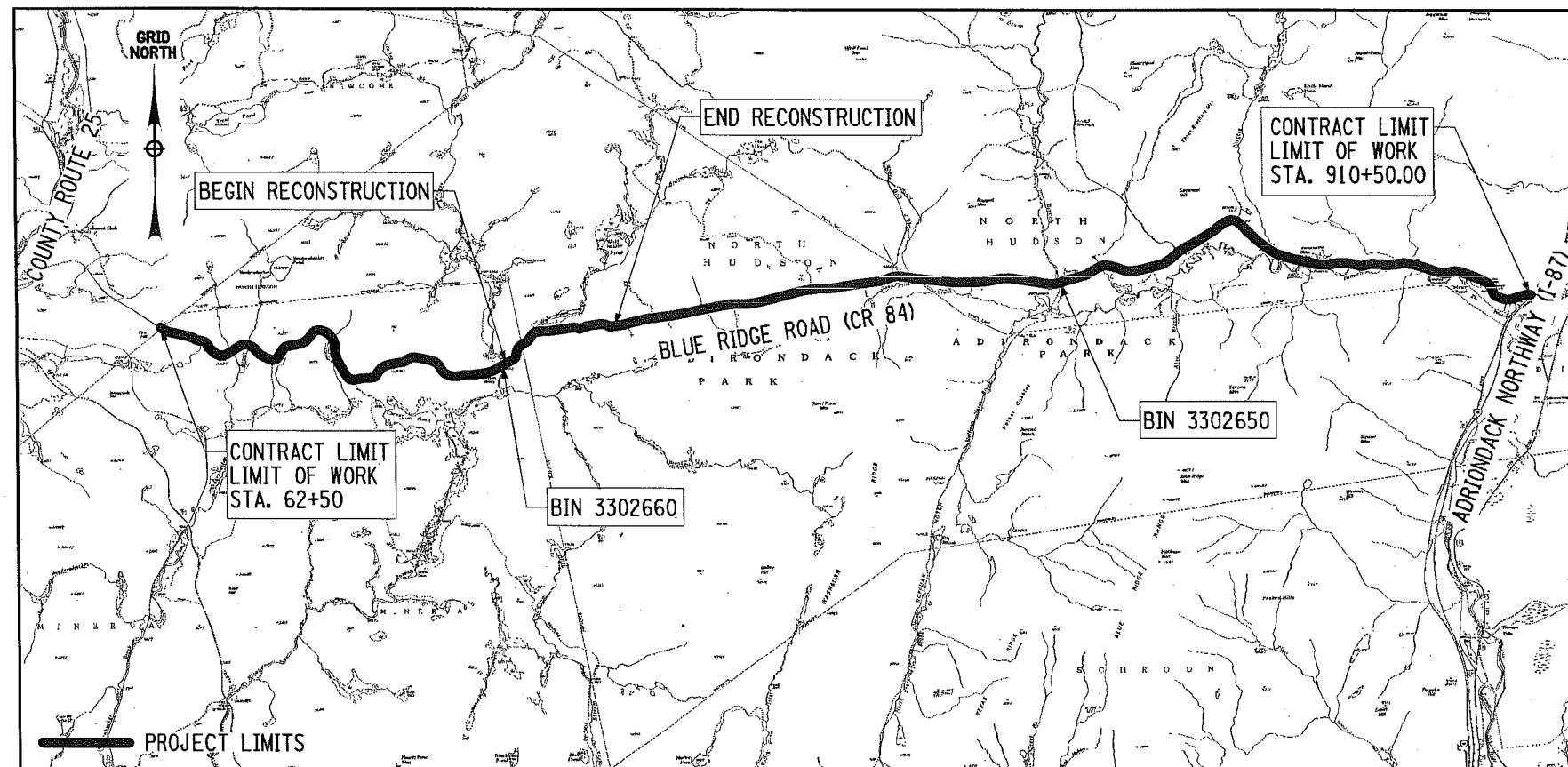
ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (AS CUSTOMARY) REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL."

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYSOT 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

APPROVED BY

Christopher Garrow
CHRISTOPHER GARROW, SUPERINTENDENT
ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS

DATE

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

[illegible]

203-04, 203-05, 209-01, 209-02, 209-05, 402-01, 603-01, 606-04, 608-03, 619-01,
619-02, 619-10, 619-11, 619-12, 619-20, 619-60, 645-01, 645-03, 685-01

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

| | | | | | | |
|---|---|----------------------|--|----------|---|--|
| 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 | | | | INDEX & ABBREVIATIONS | DRAWING NO. IND-1 SHEET NO. 2 |
| | | | | | | |
| | | | | | | |
| | 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_cph_leg-01.dgn
DATE/TIME = 5/19/2016
USER = lbaoh

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

CHECK E. SNYDER

DRAFTING L. BACH

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PROJECT MANAGER E. SNYDER

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 SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.015 in ON B SIZE DRAWINGS).
5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.
6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

| 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 | | LAWL | AREA, WATERS EDGE | | RGC | GUIDE RAIL, CABLE | | UEH | ELECTRIC LINE, HANGING |
| | BSHT | SHEET PILING | | LCUT_P | CUT LIMIT | | RGSB | GUIDE RAIL, CONCRETE BARRIER | | UEO | ELECTRIC LINE, OVERHEAD |
| CONTROL | | | | LFILL_P | FILL LIMIT | | RGP_P | GUIDE POST | | UETO | ELECTRIC TRANSMISSION, OVERHEAD |
| | CB | BASELINE | | LFNC | FENCE | | RGW | GUIDE RAIL, W BEAM | | UESS | ELECTRIC, SUBSTATIONS |
| | CBPR | BASELINE, PROJECTION | | LTRC | TREE ROW, CONIFEROUS | | RGWM | GUIDE RAIL, W BEAM, MEDIAN | | UFO | FIBER OPTIC, UNDERGROUND |
| DRAINAGE | | | | LTRD | TREE ROW, DECIDUOUS | | RPB | PARKING BUMPER | | UFOH | FIBER OPTIC, HANGING |
| | DCP | CULVERT PIPE | | LWH | WALL, H PILE | | RRC | RAIL ROAD, CATENARY | | UFOO | FIBER OPTIC, OVERHEAD |
| | DCP_P | CULVERT PIPE (DIR) | | LWR | WALL, RETAINING | | RRER | RAIL ROAD, 3RD RAIL | | UG | GAS, UNDERGROUND |
| | DDG_P | DITCH, GRASS LINED | | LWS | WALL, STONE | | RRPLS_P | RAIL, PHOTO, LARGE SCALE | | UGH | GAS, HANGING |
| | DDP_P | DITCH, PAVED INVERT | ROW MAPPING | | | | RRPSS | RAIL, PHOTO, SMALL SCALE | | UGO | GAS, OVERHEAD |
| | DDS_P | DITCH, STONE LINED | | MDL | DEED LINE | | RRS | RUMBLE STRIP | | UIC | INFORM CABLE, UNDERGROUND |
| | DFL_P | FLOW LINE | | MEE | EASEMENT, EXISTING | | RRSLS_P | RAIL, SURVEY, LARGE SCALE | | UICH | INFORM CABLE, HANGING |
| | DSSD | SLOTTED DRAIN | | MEP_P | EASEMENT, PERMANENT | | RRSSS | 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 | | MF_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 | | STH* | HATCH LINE | | UTVH | CABLE TV, HANGING |
| | EWF | WETLAND, FEDERAL | | MJC | JURISDICTION, CITY | | STPB* | PARTIAL BARRIER LINE | | UTVO | CABLE TV, OVERHEAD |
| | EWFS | WETLAND, FEDERAL AND STATE | | MJCY | JURISDICTION, COUNTY | | STRCT | ROUNDAABOUT, CAT TRACKS | | UUU | UNKNOWN, UNDERGROUND |
| | EWM | WETLAND, MITIGATION AREA | | MJHD | JURISDICTION, HISTORIC DISTRICT | | STRL | 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 | | TCSW | SIGNAL, SPAN WIRE | | UWO | WATER LINE, OVERHEAD |
| | | | | MJT | JURISDICTION, TOWN | TRAFFIC CONTROL | | | | | |
| | | | | MJV | JURISDICTION, VILLAGE | | TWZBT_P | BARRIER, TEMPORARY | | | |
| | | | | MPL | PROPERTY LOT LINE | | TWZBTWL_P | BARRIER, TEMPORARY, W/ WARNING LIGHTS | | | |
| | | | | MPLA | PROPERTY LOT LINE, APPROXIMATE | | TWZCD_P | CHANNELIZING DEVICE | | | |
| | | | | MSL | SUB LOT LINE | | TWZPMRC_P | PAVEMENT MARKING REMOVAL OR COVERING | | | |

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

LEGEND & SYMBOLOGY

DRAWING NO. LEG-1
SHEET NO. 3

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS



ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

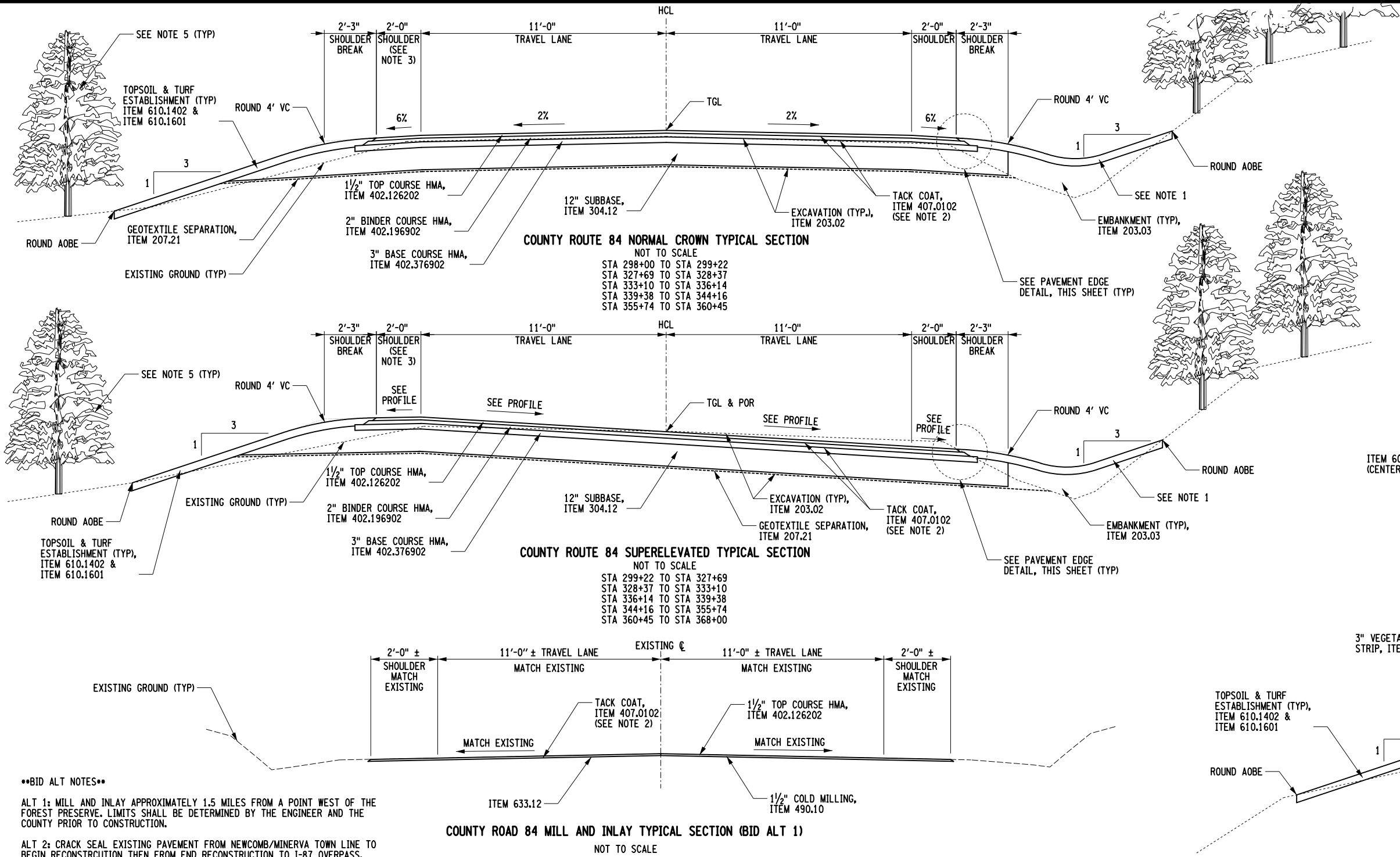
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| ALIGNMENT | | | DRAINAGE | | | ITS | | | ROW MAPPING | | | SIGNS | | | UTILITIES | | |
|-----------|---------|------------------------------|----------------------------------|------------|---|------|----------|--------------------------------|-------------|----------|----------------------------|-------------------|-----------|---|-----------|-------|-------------------------|
| 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 | | MEPS_P | EASEMENT, PERM., SHAPE | | SR SCT2 | SHLD, CTY TOUR, 1-2 DIG. | | UGV | GAS, VALVE |
| | APC | POINT OF CURVATURE | | DST"X"CB_P | STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U | | ICTD | CONDUIT TURNING DOWN | | MFAP_P | FEE ACQUISITION, APPROX. | | SR SCT4 | SHLD, CTY TOUR, 3-4 DIG. | | UGVT | GAS, VENT |
| | APCC | POINT OF COMPOUND CURVATURE | | | | | ICTU | CONDUIT TURNING UP | | MFP_P | FEE ACQUISITION, BACK LINE | | SRSI | SHLD, INTERSTATE | | ULP | LIGHTING, POLE |
| | API | POINT OF INTERSECTION | ENVIRONMENTAL | | | | ICVTRT | COMM. VEH. ROAD TRANSCEIVER | | MFSP_P | FEE ACQUISITION, SHAPE | | SRSN2 | SHLD, NATIONAL, 2 DIG. | | ULPM | LIGHTING, POLE, MEDIAN |
| | APOB | POINT OF BEGINNING | | EIOP_P | STR., INLET, OUTLET PROT. | | IDEFAULT | DEFAULT | | MHBAP | HIGHWAY BNDRY., APPROX. | | SRSN3 | SHLD, NATIONAL, 3 DIG. | | ULPP | LIGHTING, POLE, PED. |
| | APOC | POINT OF CURVATURE | | EIPGB_P | STR., INLET PROT., GRAVEL BAG | | IEZR | E-ZPASS READER | | MHBGP | HISTORICAL, BLDG. CORNERS | | SRSS2 | SHLD, STATE, 2 DIG. | | UMFC | MISC. FILLER CAP |
| | APOE | POINT OF END | | EIPHS_P | STR., INLET PROT., HAY/STRAW | | IEZTR | TRANSMITTAL READER | | MHBP | HIGHWAY BNDRY, PT. | | SRSS3 | SHLD, STATE, 3 DIG. | | UOLM | OIL, LINE MARKER |
| | APOL | POINT ON LINE | | EIPPS_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., HAY/STRAW | | IFUSSPL | FUSION SPLICE | | MPBC | PT., BUILDING CORNER | TRAFFIC CONTROL | | | | UPD | POLE, DEAD (NO UTILITY) |
| | APOT | POINT ON TANGENT | | EIPPS_P | STR., INLET PROT., HAY/STRAW | | IHARADV | HAR ADVISORY SIGN | | MPCC | PT., CROSS CUT | | TCBJ | BOX, JUNCTION | | UPL | POLE, WITH LIGHT |
| | APOVC | POINT ON VERTICAL CURVE | | EIPPS_P | STR., INLET PROT., HAY/STRAW | | IHARST | HAR SITE | | MPDH | PT., DRILL HOLE | | TCBP | BOX, PULL BOX | | USMH | SANITARY SEWER MANHOLE |
| | APOVT | POINT ON VERTICAL TANGENT | | EIPPS_P | STR., INLET PROT., HAY/STRAW | | ILC | LOAD CENTER | | MPF | PT., FENCE LOCATION | | TCBS | BOX, SPLICE | | UTB | TELEPHONE, BOOTH |
| | APORC | POINT ON REVERSE CURVE | | ERCB | RISER, CONCRETE BOX | | IMECSPL | MECHANICAL SPLICE | | MPIP | PT., IRON PIPE | | TCMC | MICROCOMPUTER CABINET | | UTLM | TELEPHONE, LINE MARKER |
| | APT | POINT OF TANGENCY | | ETRS_P | TRAP, SEDIMENT | | IMSCS | PORT. SPEED & COUNT SENSOR | | MPIR | PT., IRON ROD | | TCPP | PED POLE | | UTMH | TELEPHONE, MANHOLE |
| | APVC | POINT OF VERTICAL CURVATURE | | EWFG | WETLAND FLAG | | IMSCTS | MICRO SPEED & COUNT SENSOR | | MPM | PT., MONUMENT | | TCSH | SIGNAL HEADS | | UTVLM | CABLE TV, LINE MARKER |
| | APVCC | POINT OF VERT. CMPND CURVE | GEOTECHNICAL | | | | IMT | MICROWAVE TRANSCEIVER | | MPMM | PT., MONUMENT, MISC. | | TCSP | SIGNAL POLE | | UTVPB | CABLE TV, PULL BOX |
| | APVI | POINT OF VERT. INTERSECTION | | GDH | DRILL HOLE | | IOVHVS | PERM. OVERHEAD VMS | | MPN | PT., NAIL | TRAFFIC WORK ZONE | | | | UUB | UNKNOWN, BOX |
| | APVRC | POINT OF VERT. REVERSE CURVE | LANDSCAPE | | | | IPASCS | PORT. ACCOU. SPD & CNT. SENSOR | | MPRS | PT., RAILROAD SPIKE | | TWZAP_P | ARROW PANEL | | UUMB | UNKNOWN, MANHOLE |
| | APVT | POINT OF VERTICAL TANGENCY | | LELS | ELEVATION, SPOT | | IPEDS | PEDESTRIAN SIGNAL HEAD | | MPSP | PT., SPIKE | | TWZAPC_P | ARROW PANEL, CAUTION MODE | | UUPB | UNKNOWN, PULL BOX |
| | ASC | SPIRAL TO CURVE | | LFP | FLAG POLE | | IPSS | PAVEMENT SURFACE SENSOR | | MPST | PT., STAKE | | TWZAPT_P | ARROW PANEL, TRAILER OR SUPPORT | | UUVL | UNKNOWN, VALVE |
| | ASPI | SPIRAL POINT OF INTERSECTION | | LMB | MAILBOX | | IPVMS | PERM. VMS | | MPTW | PT., TREE W/ WIRE | | TWZBCD_P | BARRICADE (TYPE III) | | UUVT | UNKNOWN, VENT |
| | ASTS | SPIRAL TO SPIRAL | | LPB | PAPER BOX | | IRWIS | RDWY WEATHER INFO. SENSOR | | MPWL | PT., WALL LOCATION | | TWZCMS_P | CHANGEABLE MESSAGE SIGN (PVMS) | | UUVW | UNKNOWN, WELL |
| | AST | SPIRAL TO TANGENT | | LPST | POST, SINGLE | | ISP | SOLAR PANEL | | MFS_P.T | FEE ACQUISITION | | TWZFLG_P | FLAGGER | | UWFH | WATER, FIRE HYDRANT |
| | ATS | TANGENT TO SPIRAL | | LRB | ROCK, BOULDER | | ISST | SPREAD SPECT. TRANSCEIVER | | MEPS_P.T | EASEMENT, PERMANENT | | TWZFT_P | FLAG TREE | | UWM | WATER, METER |
| | AVEVT | VERTICAL EVENT POINT | | LSHC | SHRUB, CONIFEROUS | | ITDB | TELEPHONE DEMARCATION BLK | | METS_P.T | EASEMENT, TEMPORARY | | TWZIA_P | IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY) | | UWMH | WATER, MANHOLE |
| | AVHIGH | VERTICAL HIGH POINT | | LSHD | SHRUB, DECIDUOUS | | ITP | SUBSURFACE TEMP. PROBE | | METS_P.T | EASEMENT, TEMPORARY | | TWZLUM_P | LUMINAIRE (TEMPORARY) | | UWV | WATER, VALVE |
| | AVLOW | VERTICAL LOW POINT | | LTC | TREE, CONIFEROUS | | IVTRT | VEHICLE TO RDWY TRANSCEIVER | | METS_P.T | OCCUPANCY, TEMPORARY | | TWZSDT_P | SYMBOL, DIRECTION OF TRAFFIC | | UWW | WATER, WELL |
| BRIDGE | | | | LTD | TREE, DECIDUOUS | | IWIMD | WEIGHT IN MOTION DETECTOR | | MFS_P.T | FEE ACQUISITION W/O ACCESS | | TWZSDTD_P | SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR | | | |
| | BSC | BRIDGE, SCUPPER | | LTS | TREE, STUMP | | IWVVR | WIRELESS VIDEO REPEATER | ROADWAY | | | | TWZSGN_P | SIGN (TEMPORARY) | | | |
| CONTROL | | | | LTW_P | TREE, WELL OR WALL | | IWVRC | WIRELESS VIDEO RECEIVER | | RES_P | ELEVATION, SPOT | | TWZSIG_P | SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY) | | | |
| | CBP | BASELINE, POINT | | LUKP | UNKNOWN POINT | | IWVTT | WIRELESS VIDEO TRANSMITTER | | RGA | GUIDE RAIL, ANCHOR | | TWZWV_P | WORK VEHICLE | | | |
| | CBPOL | BASELINE, POINT ON LINE | * REFER TO DWG. LEG-1 FOR NOTES. | | | | | | | RGP | GUIDE POST, SINGLE | | TWZWVA_P | WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR | | | |
| | CBSP | BASELINE, SPUR POINT | | | | | | | | | | | | | | | |
| | CBTP | BASELINE, TIE POINT | | | | | | | | | | | | | | | |
| | 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 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 | | | | | | | | |
| | | | | | | | | | |
| | 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. | | | | | | DRAWING NO. LEG-2 SHEET NO. 4 | | | |
| | | | | | | | | | |
| | | | | LEGEND & SYMBOLOGY | | ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS | | | |
| | | | | | | | | | |

FILE NAME = ...\\CADD\\175999_cph_typ_01.dgn
DATE/TIME = 5/19/2016
USER = lbach

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



••BID ALT NOTES••

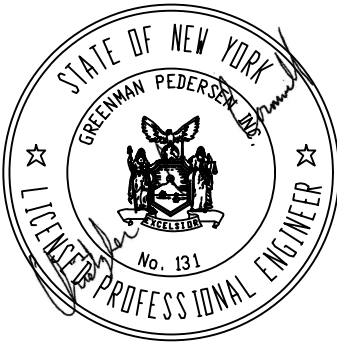
ALT 1: MILL AND INLAY APPROXIMATELY 1.5 MILES FROM A POINT WEST OF THE FOREST PRESERVE. LIMITS SHALL BE DETERMINED BY THE ENGINEER AND THE COUNTY PRIOR TO CONSTRUCTION.

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).

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON:

ALTERED BY:
ON:



| 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 NYSDOT 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 | | | | |
| 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 |
| | | | COUNTY: ESSEX | | REGION: 1 | CONTRACT NUMBER D034909 |
| | | | | | | DRAWING NO. TYP-1 SHEET NO. 5 |
| | | | | | | TYPICAL SECTIONS |
| | | | | | | 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_cph_gnn_01.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

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 AOE 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

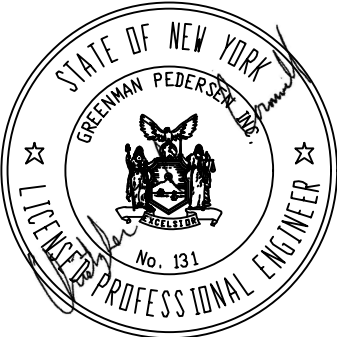
- HIGH VOLTAGE LINES MAY BE PRESENT WITHIN THE PROJECT LIMITS. REFER TO ELECTRICAL SAFETY NOTE CONTAINED IN THE CONTRACT PROPOSAL FOR SPECIAL CONTRACTOR'S SAFETY REQUIREMENTS.

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.

| | | | |
|--|--|---|--|
| 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 | |
| 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. | | PIN 1759.99 CR 84 | |
| | | BRIDGES 3302660 3302650 3302670 | |
| | | CULVERTS | |
| | | ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED | |
| | | CONTRACT NUMBER D034909 | |
| | | DRAWING NO. GNN-1 SHEET NO. 6 | |
| | | GENERAL NOTES | |
| | | GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS | |
| | | ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS | |

FILE NAME = ...\\CADD\\175999_cph-wztc-01.dgn
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DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

DESIGN L. BACH

CHECK E. SNYDER

DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

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
MEMORIAL DAY
INDEPENDENCE DAY
LABOR DAY
COLUMBUS DAY
THANKSGIVING
CHRISTMAS

DEC 31-JAN. 4, 2016
MAY 27-31, 2016
JUL. 1-5, 2016
SEP. 2-6, 2016
OCT. 7-10, 2016
NOV. 23-28, 2016
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

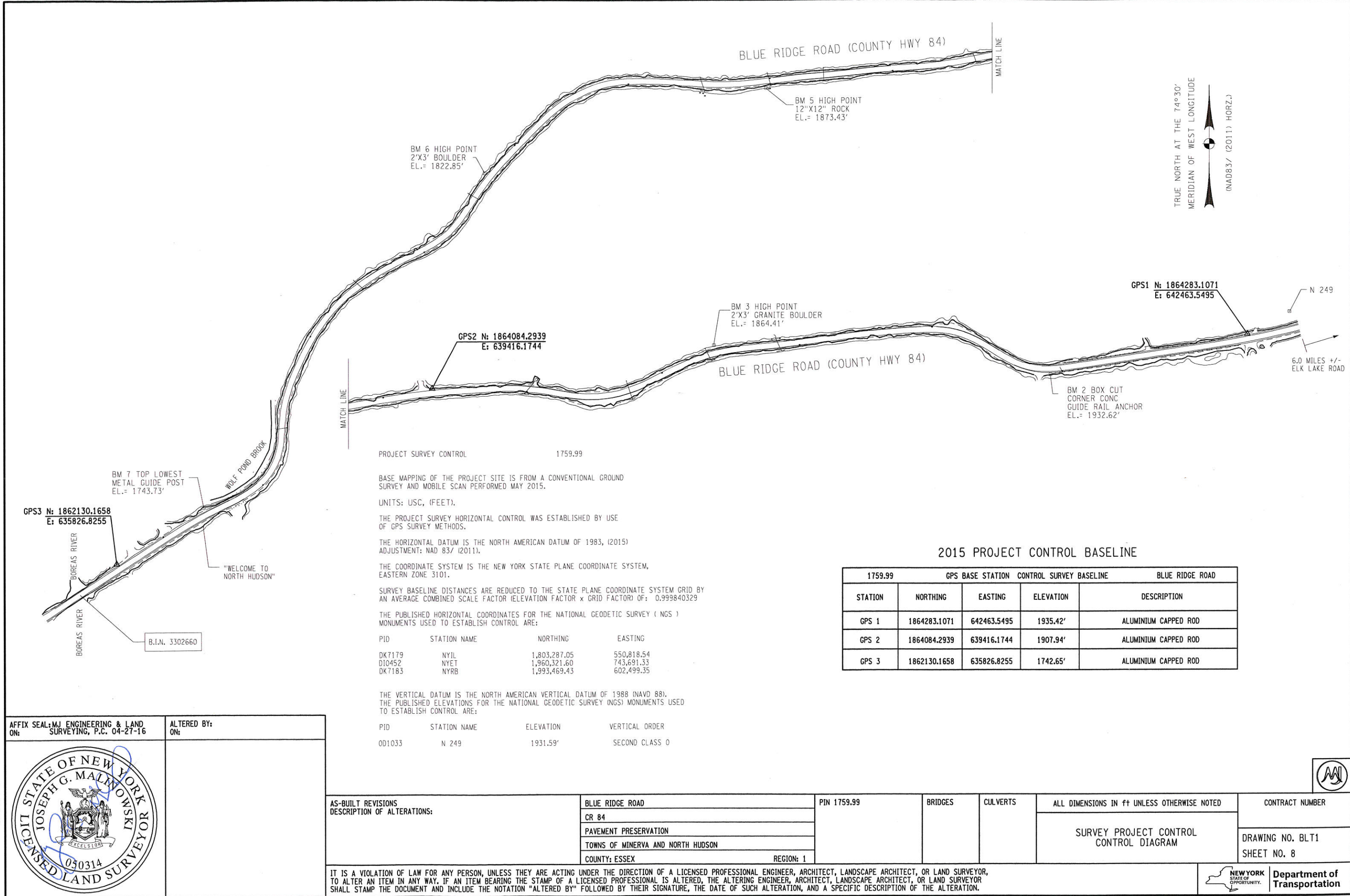
- THE CONTRACTOR SHALL BE AWARE THAT THERE MAY BE OTHER CONTRACTS, MUNICIPALITIES, MAINTENANCE OPERATIONS, OR BRIDGE INSPECTIONS IN PROGRESS IN OR ADJACENT TO THE WORK AREA. THE ENGINEER AND THE CONTRACTOR SHALL COMMUNICATE AND COORDINATE OPERATIONS WITH OTHER OPERATIONS SO THAT NO CONFLICT IN WORK SCHEDULING 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 | DRAWING NO. WZTC-1 SHEET NO. 7 |
| | 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. | | | | |  GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS |  ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS | |


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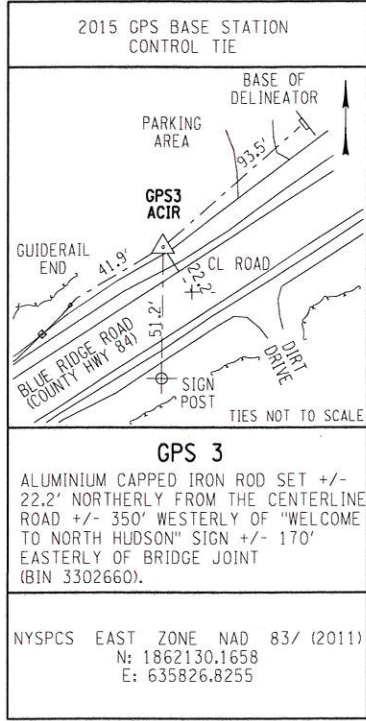
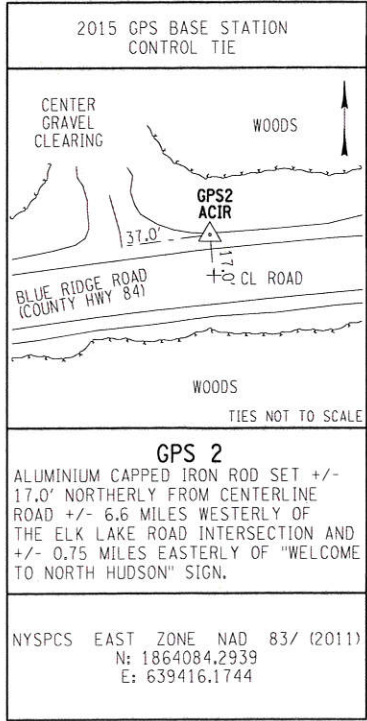
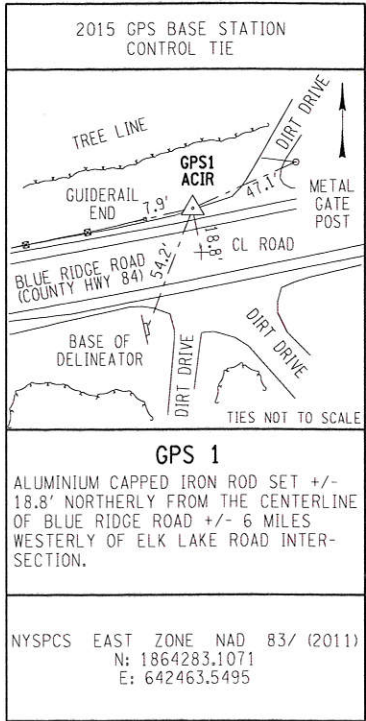
DESIGN SUPERVISOR
DESIGN
JOB MANAGER
CHECK D.NIEDBALSKI
DRAFTING D. LUNDBERG
CHECK M. FRISBEE
PROJECT MANAGER J. MALINOWSKI



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DATE/TIME = \$DATE\$ \$TIME\$
USER = DGN\$USERNAME

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 | | ALTERED BY: ON: | |
|  | | | |
| | | | |



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

| | |
|-----------------------------------|-------------|
| BLUE RIDGE ROAD | PIN 1759.99 |
| CR 84 | |
| PAVEMENT PRESERVATION | |
| TOWNS OF MINERVA AND NORTH HUDSON | |
| COUNTY: ESSEX | REGION: 1 |

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER

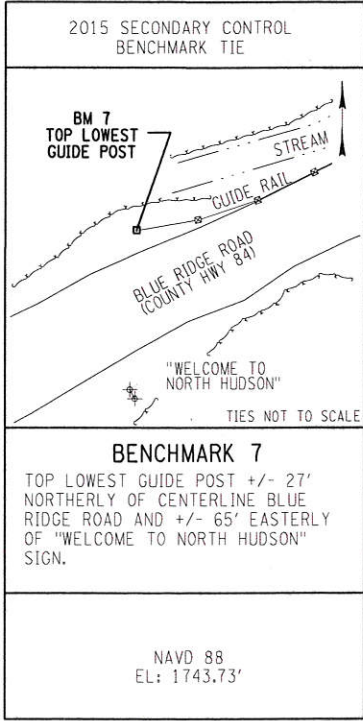
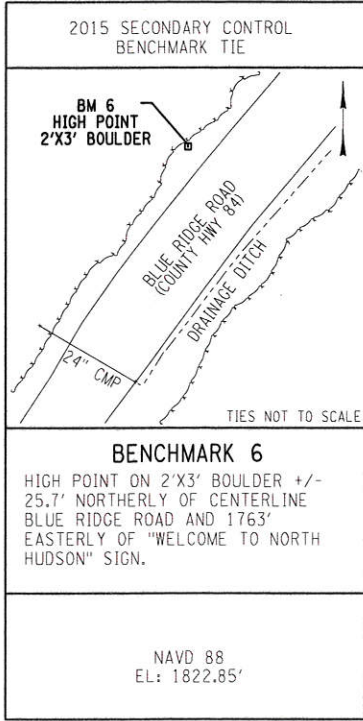
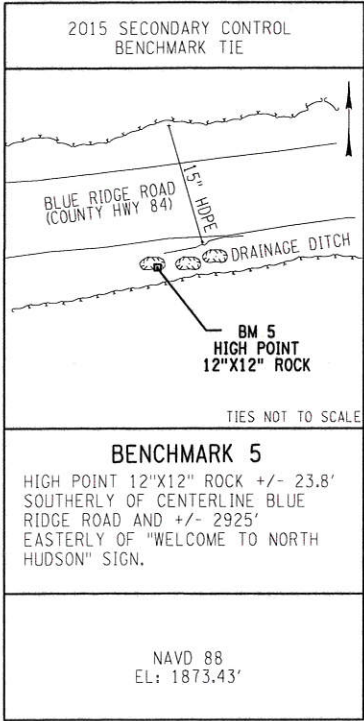
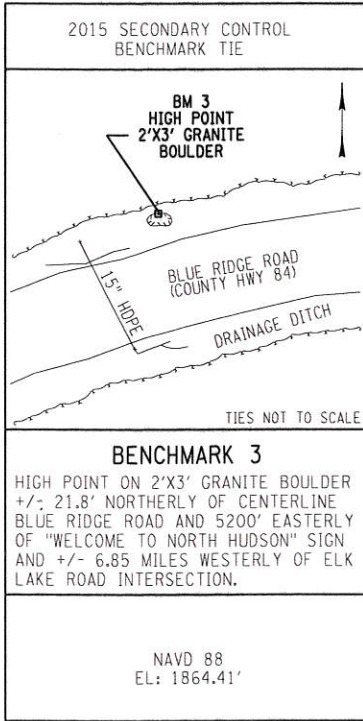
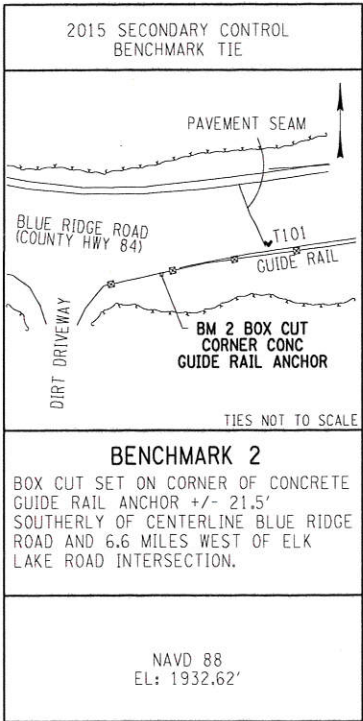
SURVEY PROJECT CONTROL
GPS BASE STATIONS

DRAWING NO. BLT 2
SHEET NO. 9

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 = DGN\$SPEC01234567890123456789012345678901234
DATE/TIME = \$DATE\$ \$TIME\$
USER = DGN\$USERNAME

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



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

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

BLUE RIDGE ROAD
CR 84
PAVEMENT PRESERVATION
TOWNS OF MINERVA AND NORTH HUDSON
COUNTY: ESSEX REGION: 1

PIN 1759.99

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER

SURVEY PROJECT CONTROL
SURVEY BENCHMARKS

DRAWING NO. BLT 3
SHEET NO. 10

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 = ...\\CADD\\175999_cph_mst_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

| 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 |
| | | | | | | | | (CY) | (CY) | (SY) | (LF) | (LF) | (EACH) | (CY) |
| 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 EXSTING CULVERT WITH 15" RCP | NA | 1790.63 | - | - | 1790.02 | 21 | 23 | 4 | 52 | | | 1.3 |
| 5-1 | | REPLACE EXSTING CULVERT WITH 24" RCP | NA | 1817.76 | - | - | 1815.21 | 38 | 29 | 4 | | 48 | | 1.3 |
| 6-1 | | CLEAN EXISTING CULVERT | | | | | | | | 4 | | | | 1.3 |
| 7-1 | | CLEAN EXISTING CULVERT | | | | | | | | 4 | | | | 1.3 |
| 7-2 | | REPLACE EXSTING CULVERT WITH 15" RCP | NA | 1872.68 | - | - | 1869.68 | 21 | 17 | 4 | 50 | | | 1.3 |
| 8-1 | | CLEAN EXISTING CULVERT | | | | | | | | 4 | | | | 1.3 |
| 10-1 | | CLEAN EXISTING CULVERT | | | | | | | | 4 | | | | 1.3 |
| 10-2 | | CLEAN EXISTING CULVERT | | | | | | | | 4 | | | | 1.3 |
| 11-1 | | CLEAN EXISTING CULVERT | | | | | | | | 4 | | | | 1.3 |
| 11-2 | | CLEAN EXISTING CULVERT | | | | | | | | 4 | | | | 1.3 |
| SHEET TOTALS | | | | | | | | 84 | 70 | 44 | 110 | 48 | 1 | 14 |
| | | | | | | | | | | | | | | 365 |

| 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

| 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 |
| BRIDGE OVER THE BOREAS RIVER | RT | REM. & STORE BOX BEAM | 606.63 | LF | 72 | 1 | 1 | 72 |
| | RT | TYPE IIA END ASSEMBLY | 606.120201 | EACH | 1 | 1 | 1 | 1 |
| | RT | BOX BEAM | 606.10 | LF | 54 | 1 | 1 | 54 |
| | RT | TRANS. BRIDGE RAILING | 568.70 | LF | 32 | 1 | 1 | 32 |
| | RT | BR. RAIL REM. & DIS. | 587.01 | LF | 87 | 1 | 1 | 87 |
| | RT | BRIDGE RAILING | 568.54 | LF | 81 | 1 | 1 | 81 |
| | RT | REM. & STORE BOX BEAM | 606.63 | LF | 115 | 1 | 1 | 115 |
| | RT | TRANS. BRIDGE RAILING | 568.70 | LF | 32 | 1 | 1 | 32 |
| | RT | BOX BEAM | 606.10 | LF | 90 | 1 | 1 | 90 |
| | RT | TYPE IIA END ASSEMBLY | 606.120201 | EACH | 1 | 1 | 1 | 1 |
| | LT | REM. & STORE BOX BEAM | 606.63 | LF | 94 | 1 | 1 | 94 |
| | LT | TYPE I END ASSEMBLY | 606.120102 | EACH | 1 | 1 | 1 | 1 |
| | LT | BOX BEAM | 606.10 | LF | 72 | 1 | 1 | 72 |
| | LT | TRANS. BRIDGE RAILING | 568.70 | LF | 32 | 1 | 1 | 32 |
| | LT | BR. RAIL REM. & DIS. | 587.01 | LF | 87 | 1 | 1 | 87 |
| | LT | BRIDGE RAILING | 568.54 | LF | 81 | 1 | 1 | 81 |
| | LT | REM. & STORE BOX BEAM | 606.63 | LF | 102 | 1 | 1 | 102 |
| | LT | TRANS. BRIDGE RAILING | 568.70 | LF | 32 | 1 | 1 | 32 |
| | LT | BOX BEAM | 606.10 | LF | 72 | 1 | 1 | 72 |
| | LT | TYPE IIA END ASSEMBLY | 606.120201 | EACH | 1 | 1 | 1 | 1 |
| BRIDGE OVER THE BRANCH | LT | REM. & STORE BOX BEAM | 606.63 | LF | 86 | 1 | 1 | 86 |
| | LT | TYPE IIA END ASSEMBLY | 606.120201 | EACH | 1 | 1 | 1 | 1 |
| | LT | BOX BEAM | 606.10 | LF | 36 | 1 | 1 | 36 |
| | LT | TRANS. BRIDGE RAILING | 568.70 | LF | 32 | 1 | 1 | 32 |
| | LT | BR. RAIL REM. & DIS. | 587.01 | LF | 76 | 1 | 1 | 76 |
| | LT | BRIDGE RAILING | 568.54 | LF | 70 | 1 | 1 | 70 |
| | LT | REM. & STORE BOX BEAM | 606.63 | LF | 256 | 1 | 1 | 256 |
| | LT | TRANS. BRIDGE RAILING | 568.70 | LF | 32 | 1 | 1 | 32 |
| | LT | BOX BEAM | 606.10 | LF | 315 | 1 | 1 | 315 |
| | LT | TYPE I END ASSEMBLY | 606.120102 | EACH | 1 | 1 | 1 | 1 |
| | RT | REM. & STORE BOX BEAM | 606.63 | LF | 95 | 1 | 1 | 95 |
| | RT | TYPE IIA END ASSEMBLY | 606.120201 | EACH | 1 | 1 | 1 | 1 |
| | RT | SHOP BENT BOX BEAM | 606.10 | LF | 45 | 1 | 1 | 45 |
| | RT | TRANS. BRIDGE RAILING | 568.70 | LF | 32 | 1 | 1 | 32 |
| | RT | BR. RAIL REM. & DIS. | 587.01 | LF | 76 | 1 | 1 | 76 |
| | RT | BRIDGE RAILING | 568.54 | LF | 70 | 1 | 1 | 70 |
| | RT | REM. & STORE BOX BEAM | 606.63 | LF | 352 | 1 | 1 | 352 |
| | RT | TRANS. BRIDGE RAILING | 568.70 | LF | 32 | 1 | 1 | 32 |
| | RT | BOX BEAM | 606.10 | LF | 306 | 1 | 1 | 306 |
| | RT | TYPE I END ASSEMBLY | 606.120102 | EACH | 1 | 1 | 1 | 1 |

| 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 | PIN 1759.99 |
| NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS | CR 84 |
| | |
| | |
| COUNTY: ESSEX | REGION: 1 |

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ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MISCELLANEOUS TABLES

CONTRACT NUMBER
D034909

DRAWING NO. MST-1
SHEET NO. 11

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS



ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\\175999_cph_mst_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: | |
|  | | | |
| | | | |

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|--|---|----------------------|--|----------|---|-----------------------------------|--|
| 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. MST-2 SHEET NO. 12 | |
| | | | | | MISCELLANEOUS TABLES | | |
| | 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. | | | | |  GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS | |  ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS |

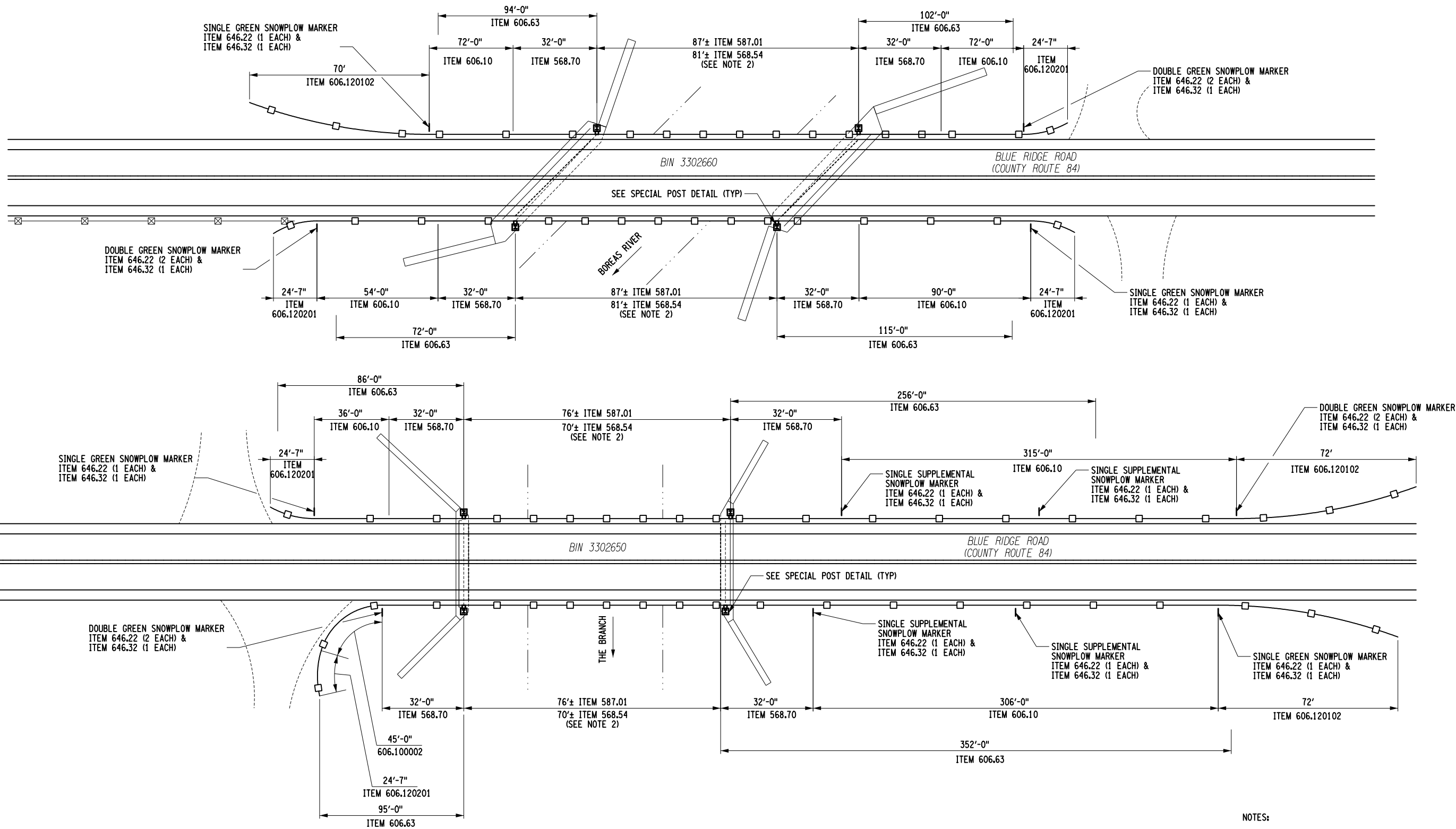
| HORIZONTAL CONTROL TABLE | | | | |
|-----------------------------------|----------------|--------------|-------------|---------------|
| H.C.L. POINT | H.C.L. STATION | COORDINATES | | DESCRIPTION |
| | | NORTHING | EASTING | |
| COUNTY ROUTE 84 (BLUE RIDGE ROAD) | | | | |
| P.C. | 288+30.31 | 1861655.0252 | 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.

FILE NAME = ...\\CADD\\175999_cph_msd_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




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 | | | | MISCELLANEOUS DETAILS | DRAWING NO. MSD-1 SHEET NO. 13 |
| | | | | | | |
| | | | | | | |
| | COUNTY: ESSEX REGION: 1 | | | | | |
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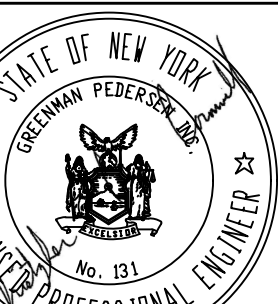



1. STUDS TO BE DRILLED AND GROUTED UNDER ITEM 586.0201.



RAILING ANGLE DETAILS

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 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 DETAILS | | DRAWING NO. MSD-2 SHEET NO. 14 |
| | | | | | | | |
| | | | | | | | |
| | COUNTY: ESSEX REGION: 1 | | | | | | |
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DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

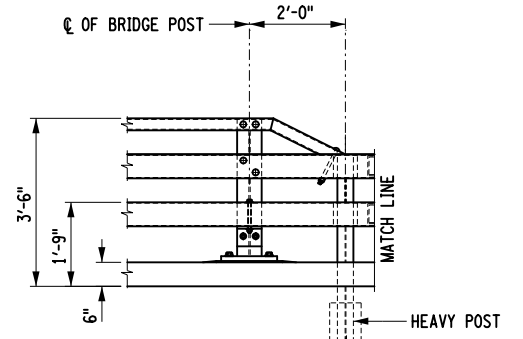
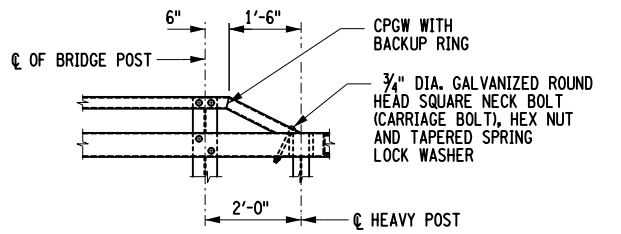
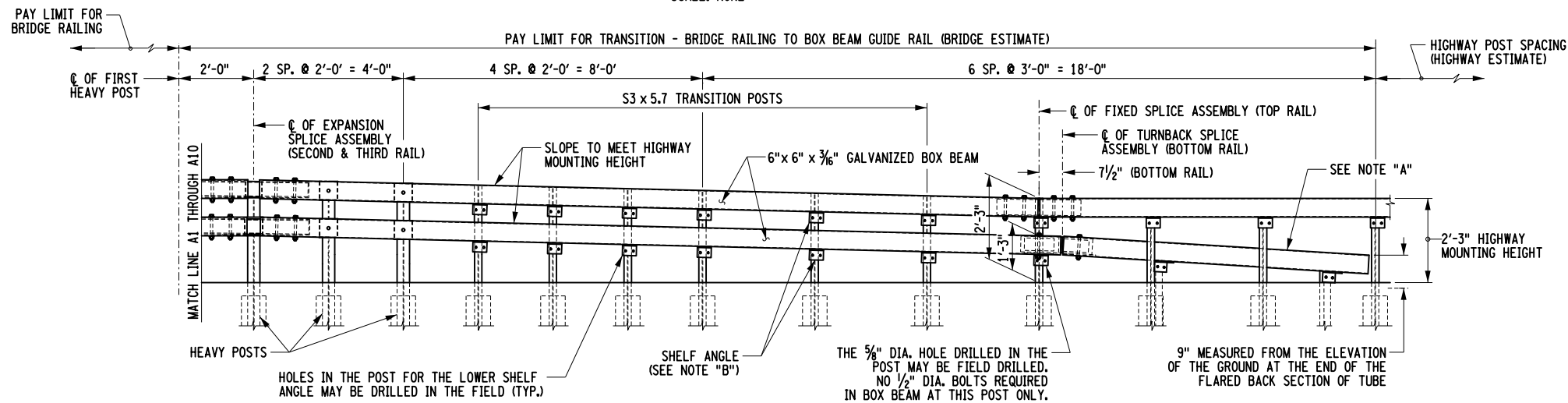
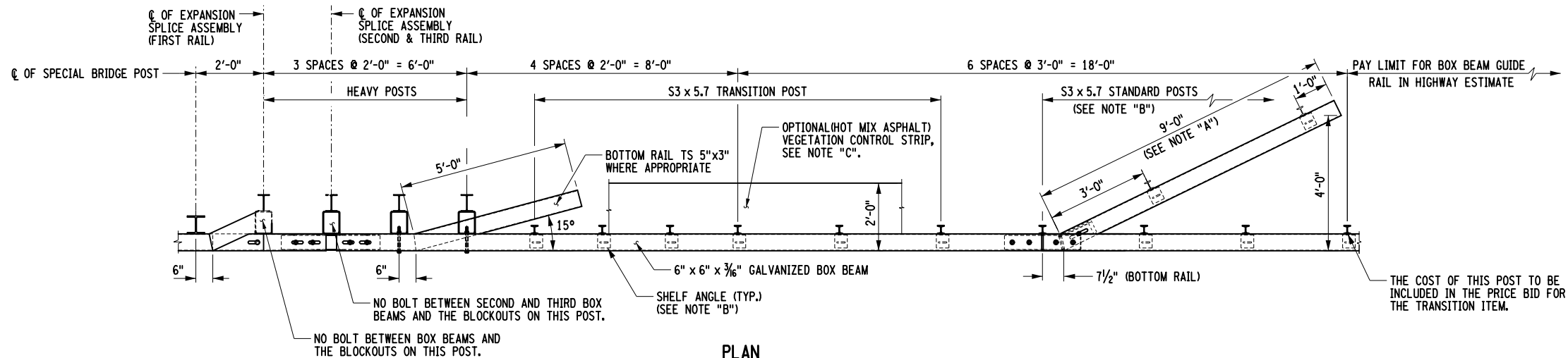
DESIGN L. BACH

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 NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS COUNTY: ESSEX REGION: 1 | |

| | | | | | | |
|--|--|----------------------|--|----------|---|-----------------------------------|
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| | GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS | | | | ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS | DRAWING NO. MSD-3 SHEET NO. 15 |

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DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

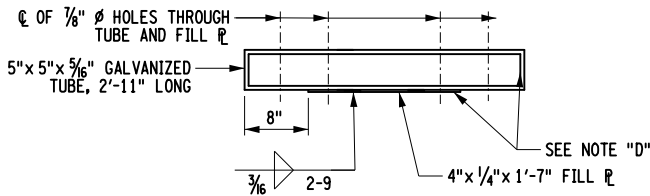
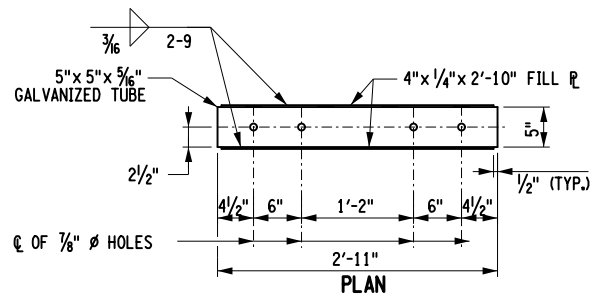
DESIGN L. BACH

CHECK E. SNYDER

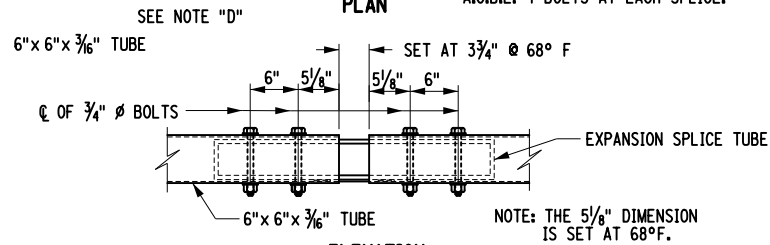
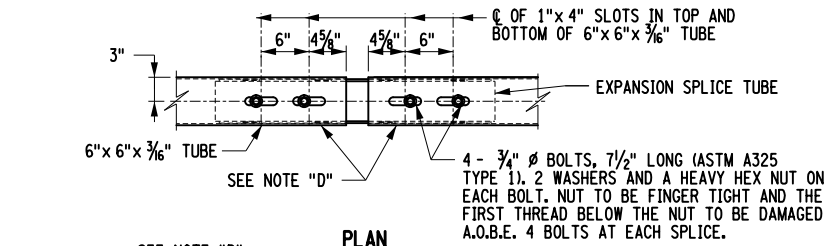
DRAFTING L. BACH

CHECK E. SNYDER

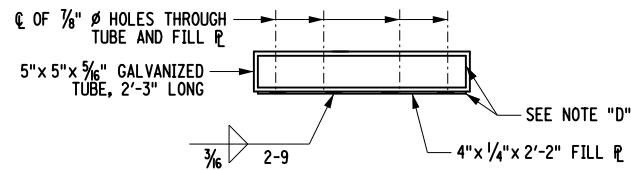
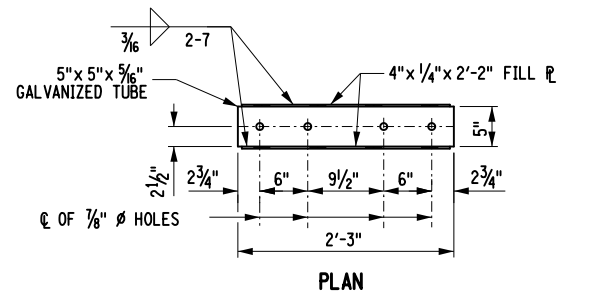
PROJECT MANAGER E. SNYDER



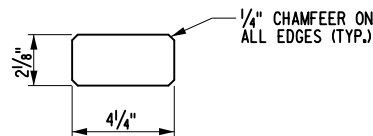
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SCALE: NONE



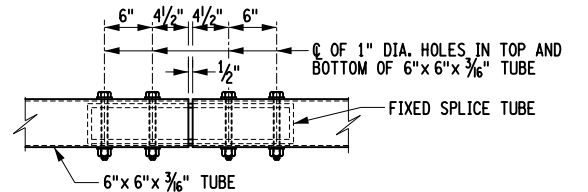
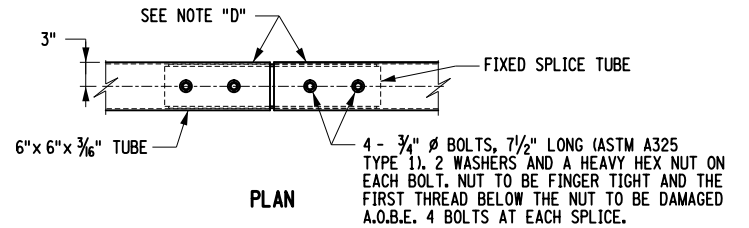
EXPANSION SPLICE TUBE ASSEMBLY
SCALE: NONE



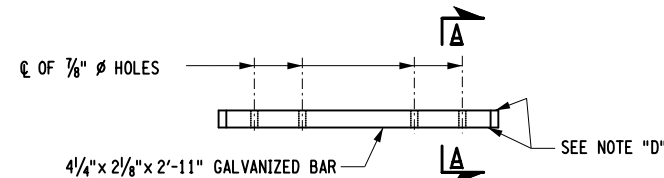
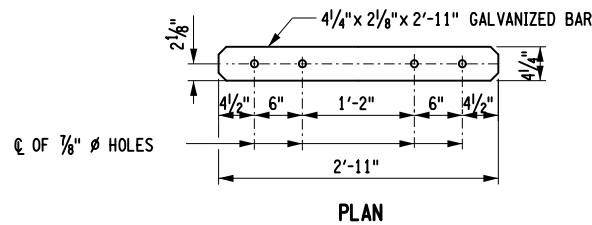
FIXED SPLICE TUBE
SCALE: NONE



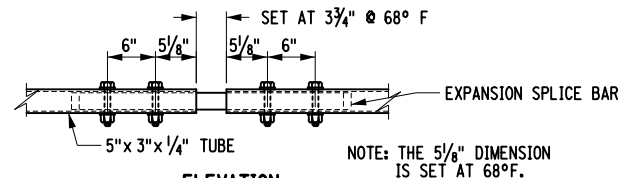
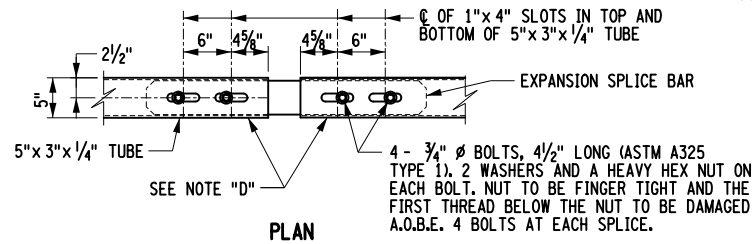
SECTION A-A
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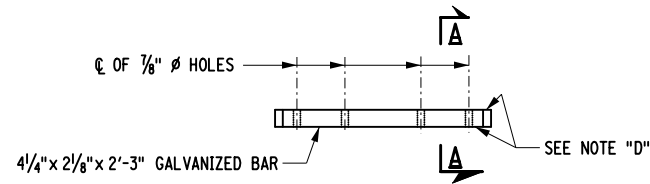
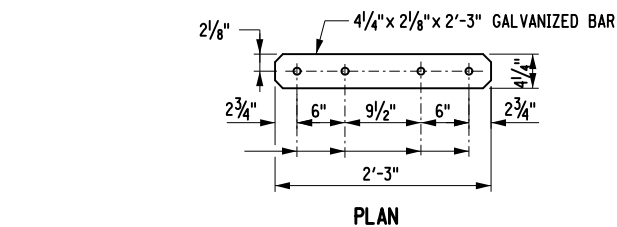
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SCALE: NONE



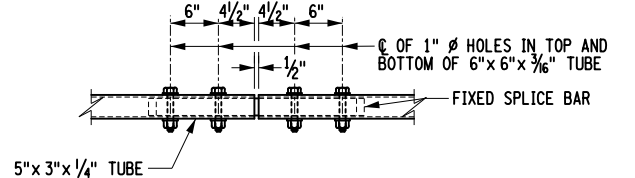
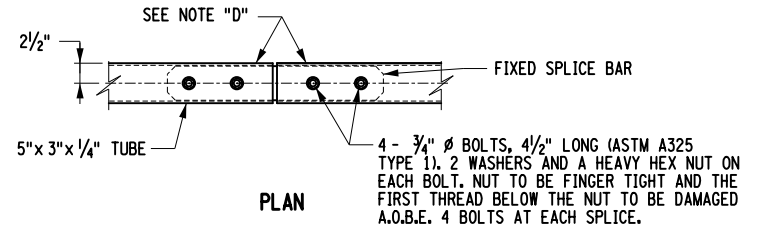
EXPANSION SPLICE BAR
SCALE: NONE



EXPANSION SPLICE BAR ASSEMBLY
SCALE: NONE



FIXED SPLICE BAR
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

MISCELLANEOUS DETAILS

DRAWING NO. MSD-5
SHEET NO. 17

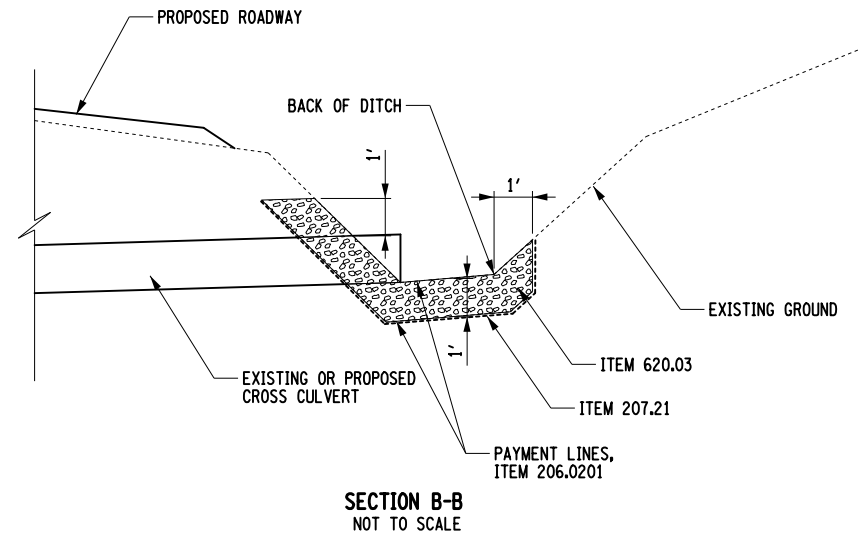
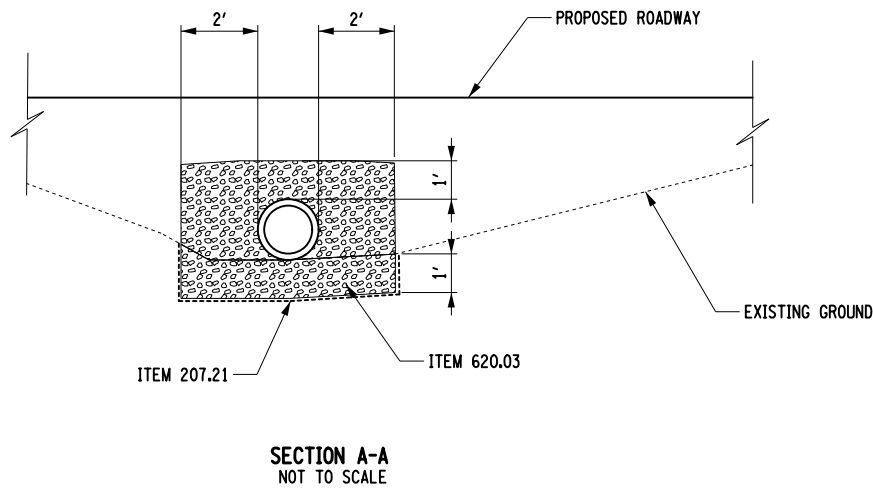
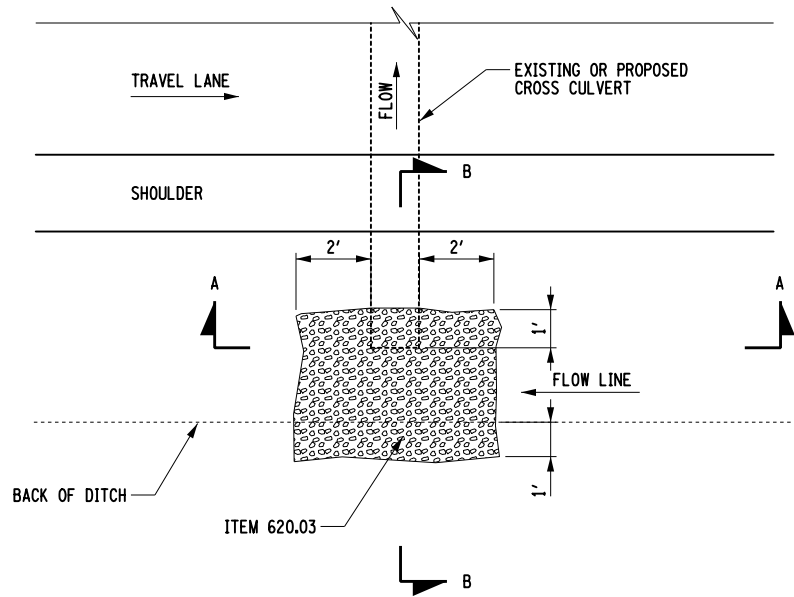
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GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

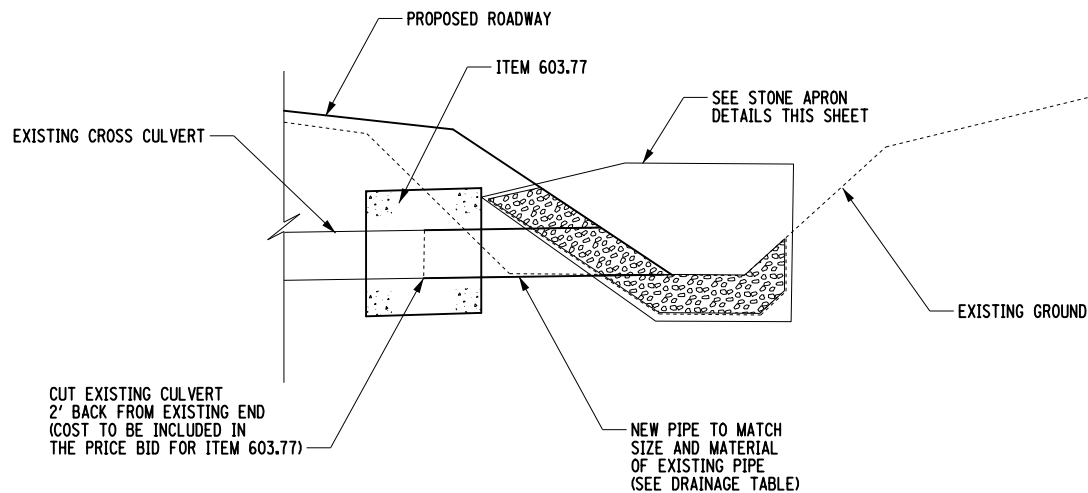
ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\\175999_cph_msd_06.dgn
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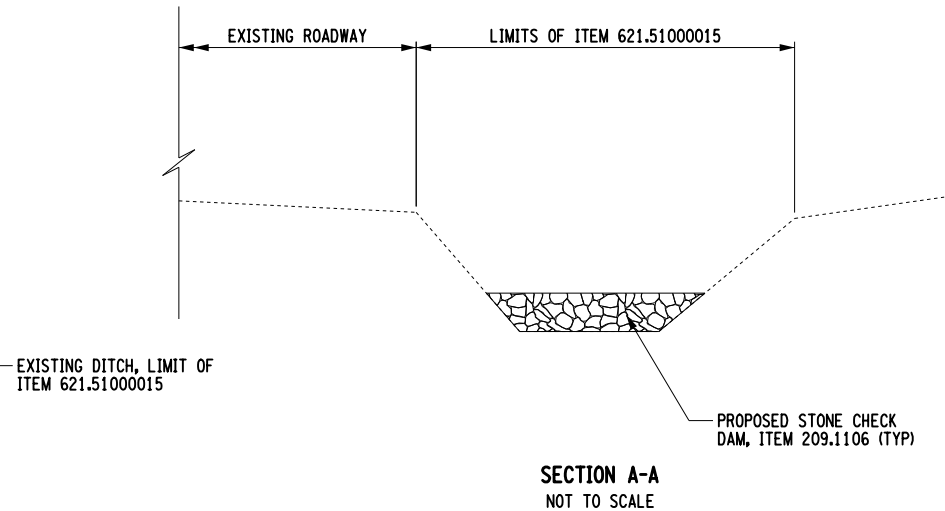
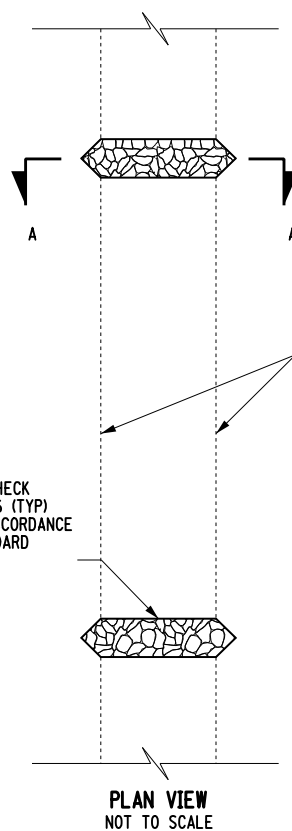
DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER E. SNYDER
DESIGN L. BACH
CHECK E. SNYDER
DRAFTING L. BACH
CHECK E. SNYDER
PROJECT MANAGER E. SNYDER



STONE APRON DETAILS NOT TO SCALE



PROPOSED STONE CHECK DAM, ITEM 209.1106 (TYP) CONSTRUCTED IN ACCORDANCE WITH NYSDOT STANDARD SHEET 209-02



NOTE:

1. 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.

PROPOSED STORMWATER TREATMENT WET SWALE DETAILS NOT TO SCALE

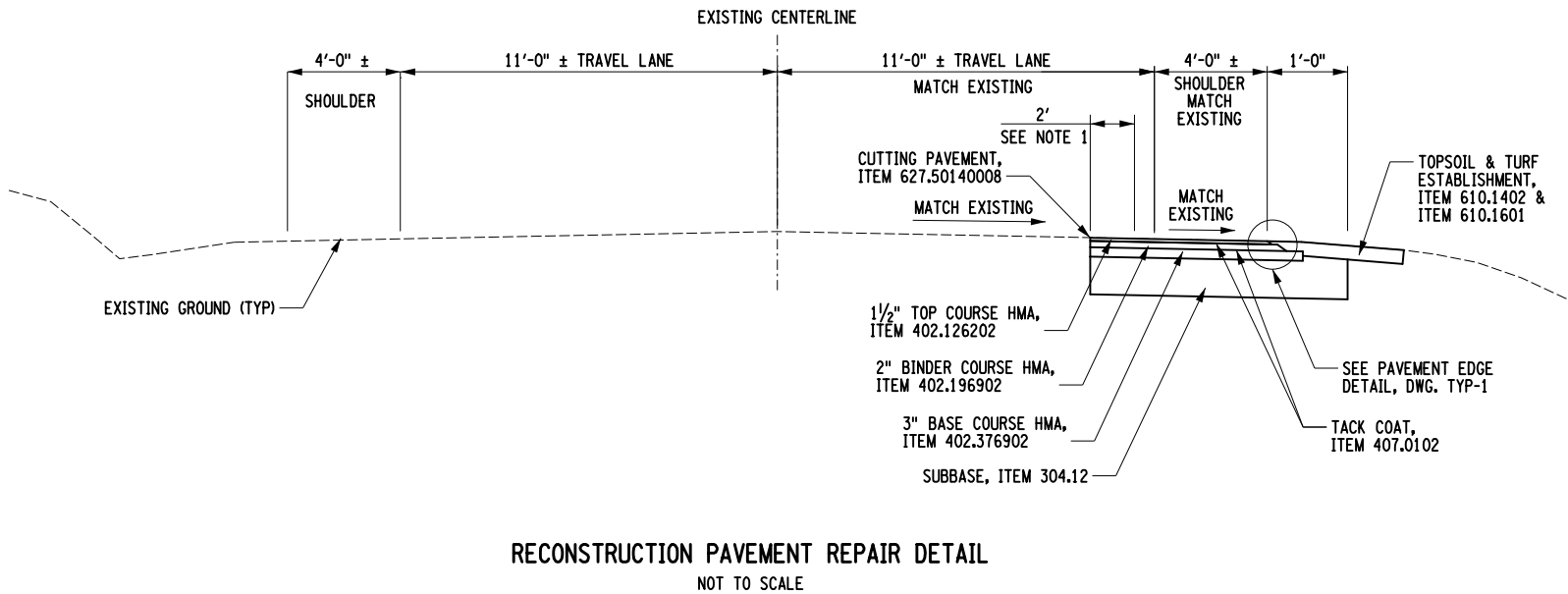
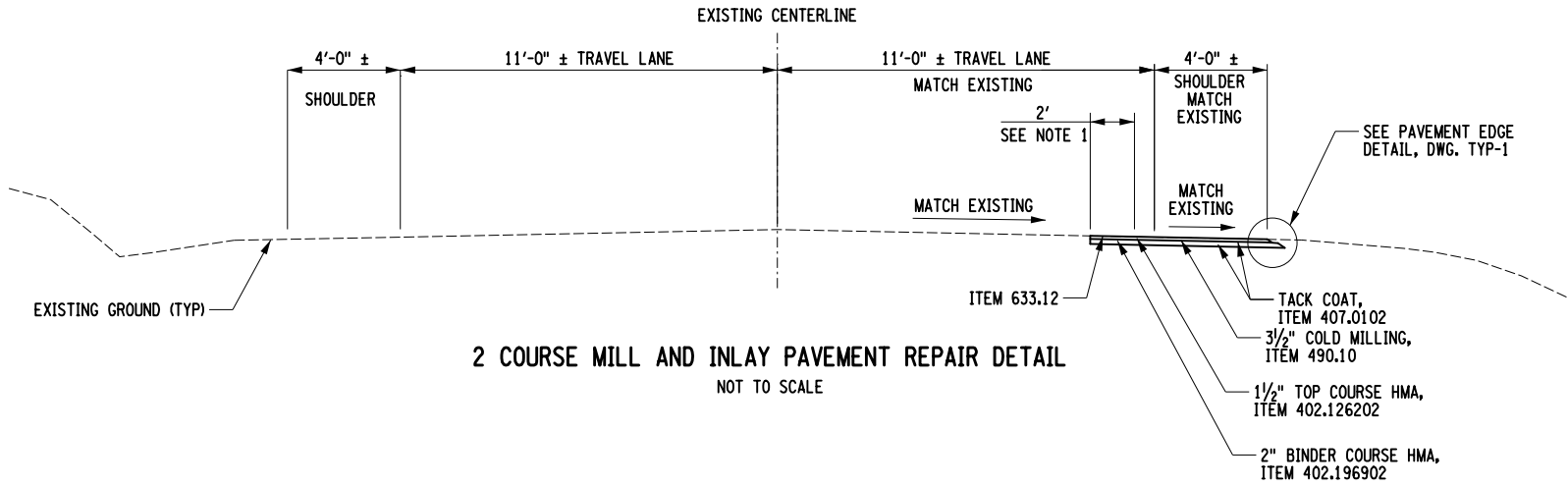
| | |
|---|--------------------|
| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | ALTERED BY: ON: |
| | |

| | | | | | | |
|--|---|----------------------|--|----------|---|-----------------------------------|
| 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 DETAILS | DRAWING NO. MSD-6 SHEET NO. 18 |
| IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. | | | | | ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS | |

FILE NAME = ...\\CADD\\175999_cph_msd.07.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

| 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 | 1866646.0196 | 690311.0702 | 2 COURSE MILL & INLAY |
| | TO | 1866623.6608 | 690367.2775 | |





AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON:

ALTERED BY:
ON:

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 NYSDOT STANDARD SPECIFICATIONS.

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

FILE NAME = ...\\CADD\\175999.cph.ecn.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

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. SEEDED 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

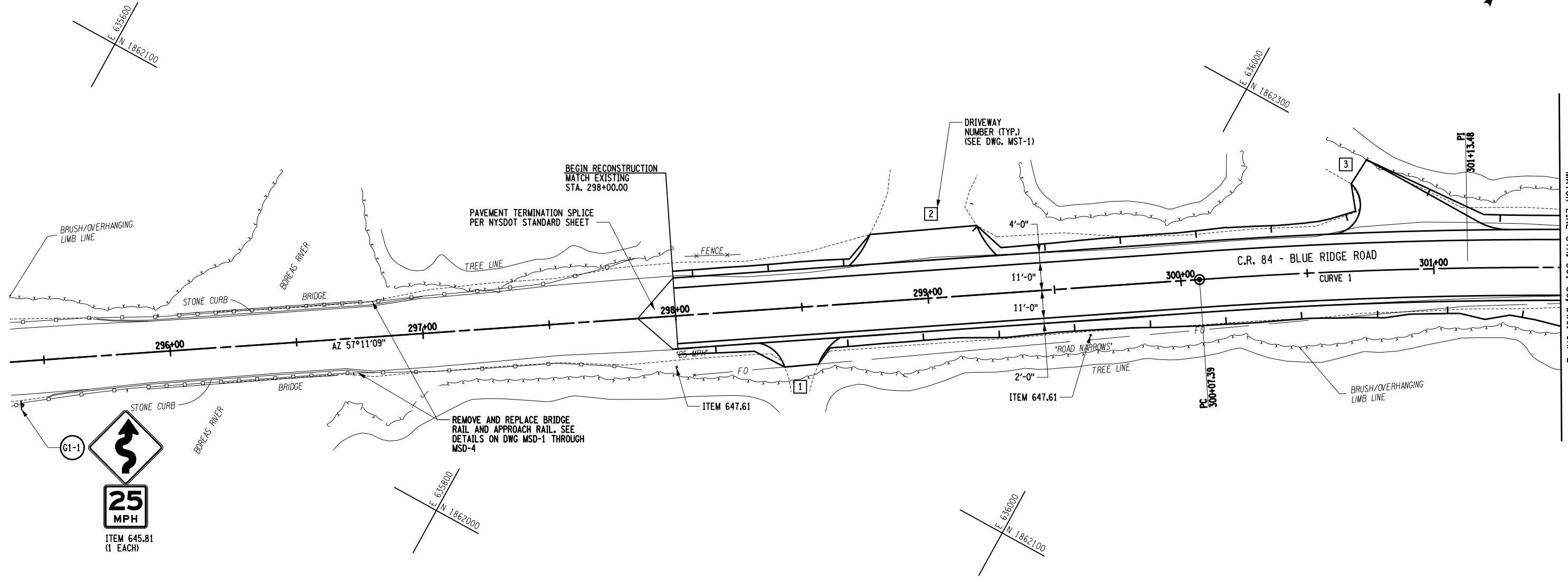
1. INSTALL TEMPORARY SOIL EROSION CONTROL DEVICES AS SHOWN ON THE PLANS.
2. THE EXISTING VEGETATION WITHIN THE DELINEATED CONSTRUCTION AREA SHALL BE CUT FLUSH WITH THE GROUND AND GRUBBED. COST TO BE INCLUDED UNDER ITEM 201.06.
3. CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED A.O.B.E. PER STANDARD SHEET 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 | |
| | | NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS | |
| | | 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. | | PIN 1759.99 CR 84 | |
| | | BRIDGES 3302660 3302650 3302670 | |
| | | CULVERTS | |
| | | ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED | |
| | | CONTRACT NUMBER D034909 | |
| | | DRAWING NO. ECN-1 SHEET NO. 20 | |
| | | EROSION CONTROL NOTES | |
| | | GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS | |
| | | ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS | |

FILE NAME = ...\\CADD\\175999_cph_gnp_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


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



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 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 | | | | GENERAL PLAN | DRAWING NO. GNP-1 |
| | | | | | | SHEET NO. 21 |
| | | | | | | |
| | 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. | | | | | <div><div>GPI</div><div>GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS</div></div> | <div><div></div><div>ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS</div></div> |



FILE NAME = ...\\CADD\\175999\\cph_gnp_02.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

DESIGN L. BACH

CHECK E. SNYDER

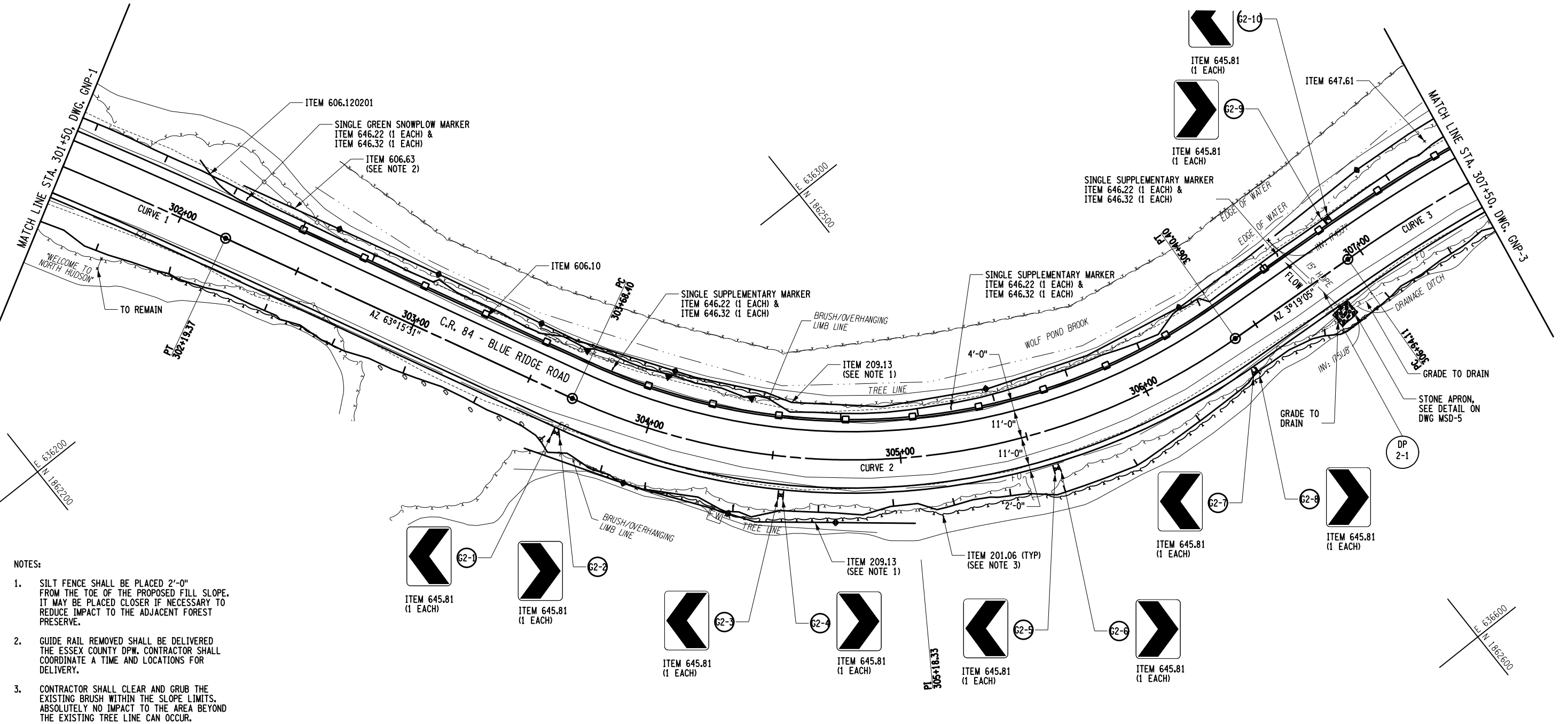
DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

UTILITY QUALITY LEVELS:

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



NOTES:

1. 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.
2. GUIDE RAIL REMOVED SHALL BE DELIVERED THE ESSEX COUNTY DPW. CONTRACTOR SHALL COORDINATE A TIME AND LOCATIONS FOR DELIVERY.
3. 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 1 |
|------------------|
| P.C. = 300+07.39 |
| P.T. = 302+19.37 |
| R = 2000.00' |
| L = 211.98' |
| Δ = 6°04'22" RT |

| CURVE 2 |
|------------------|
| P.C. = 303+68.40 |
| P.T. = 306+40.40 |
| R = 260.00' |
| L = 272.00' |
| Δ = 59°56'26" LT |

| CURVE 3 |
|------------------|
| P.C. = 306+94.11 |
| P.T. = 309+32.58 |
| R = 570.00' |
| L = 238.47' |
| Δ = 23°58'14" RT |

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-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.

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\\175999_oph_gnp_003.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

- NOTES:
1. 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.
 2. 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 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 |

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 |

PIN 1759.99
CR 84

BRIDGES
3302660
3302650
3302670

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

GENERAL PLAN

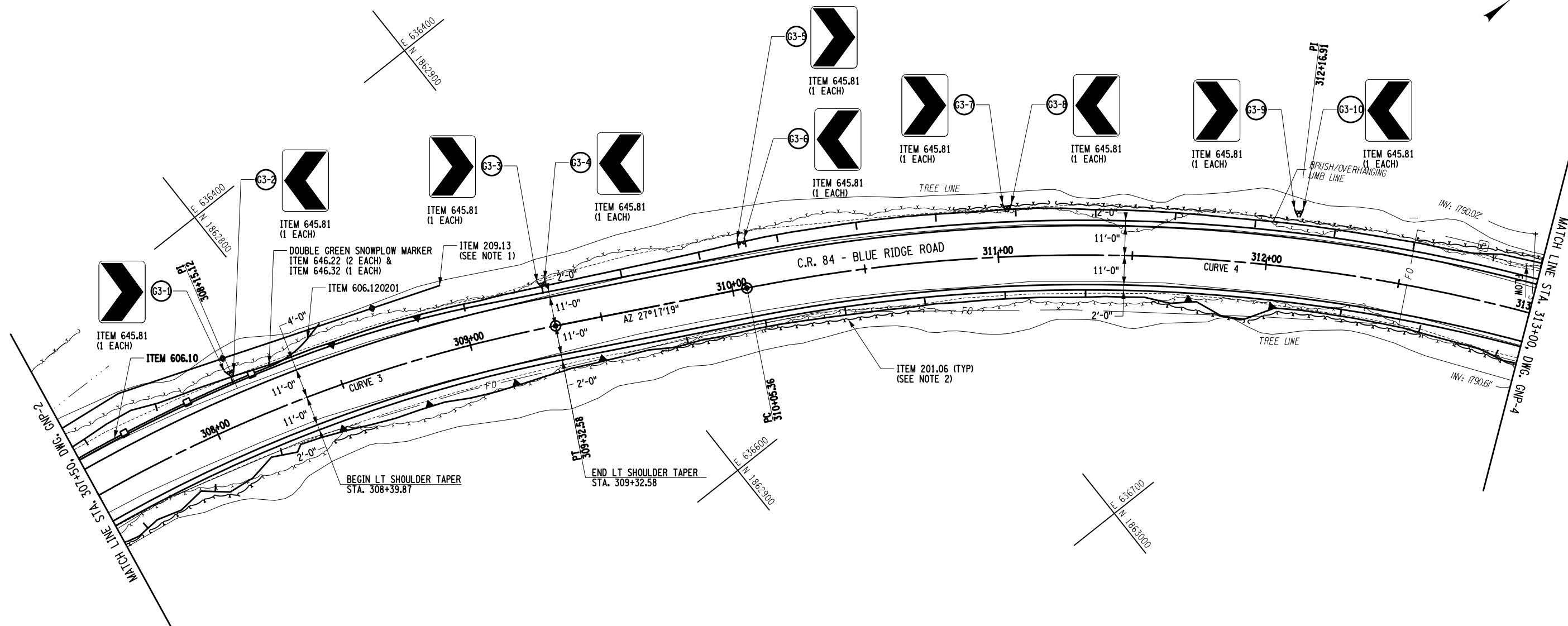
CONTRACT NUMBER
D034909

DRAWING NO. GNP-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



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

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

DESIGN L. BACH

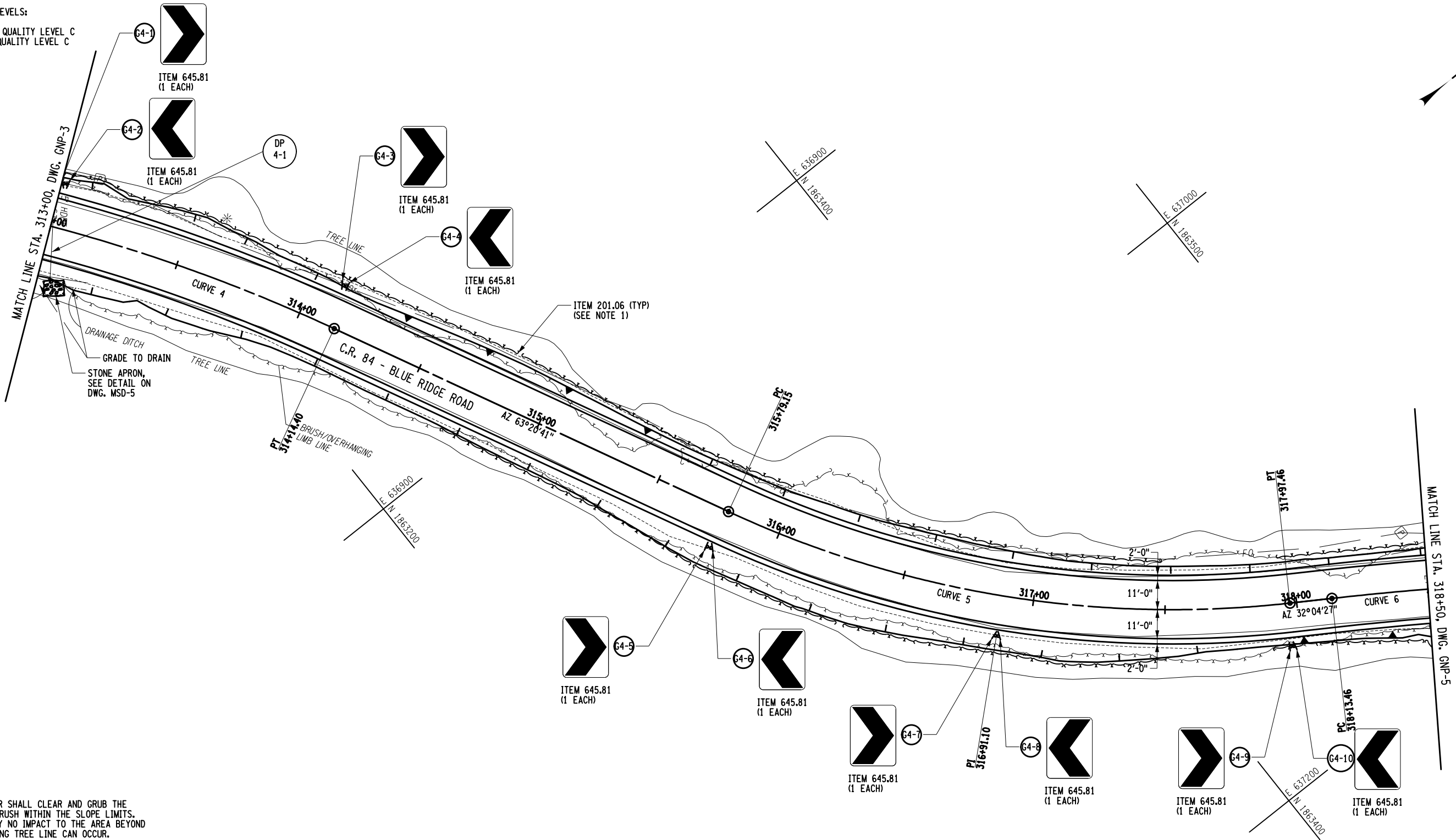
CHECK E. SNYDER

DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

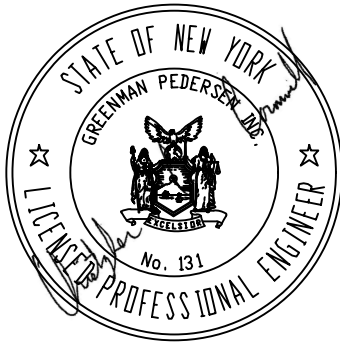
UTILITY QUALITY LEVELS:
FIBER OPTIC LINE: QUALITY LEVEL C
STORM DRAINAGE: QUALITY LEVEL C



- NOTE:
- 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' |
| $\Delta = 36^{\circ}03'22''$ RT | $\Delta = 31^{\circ}16'14''$ LT | $\Delta = 13^{\circ}23'40''$ RT |

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-4
SHEET NO. 24

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_gnp_005.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

DESIGN L. BACH

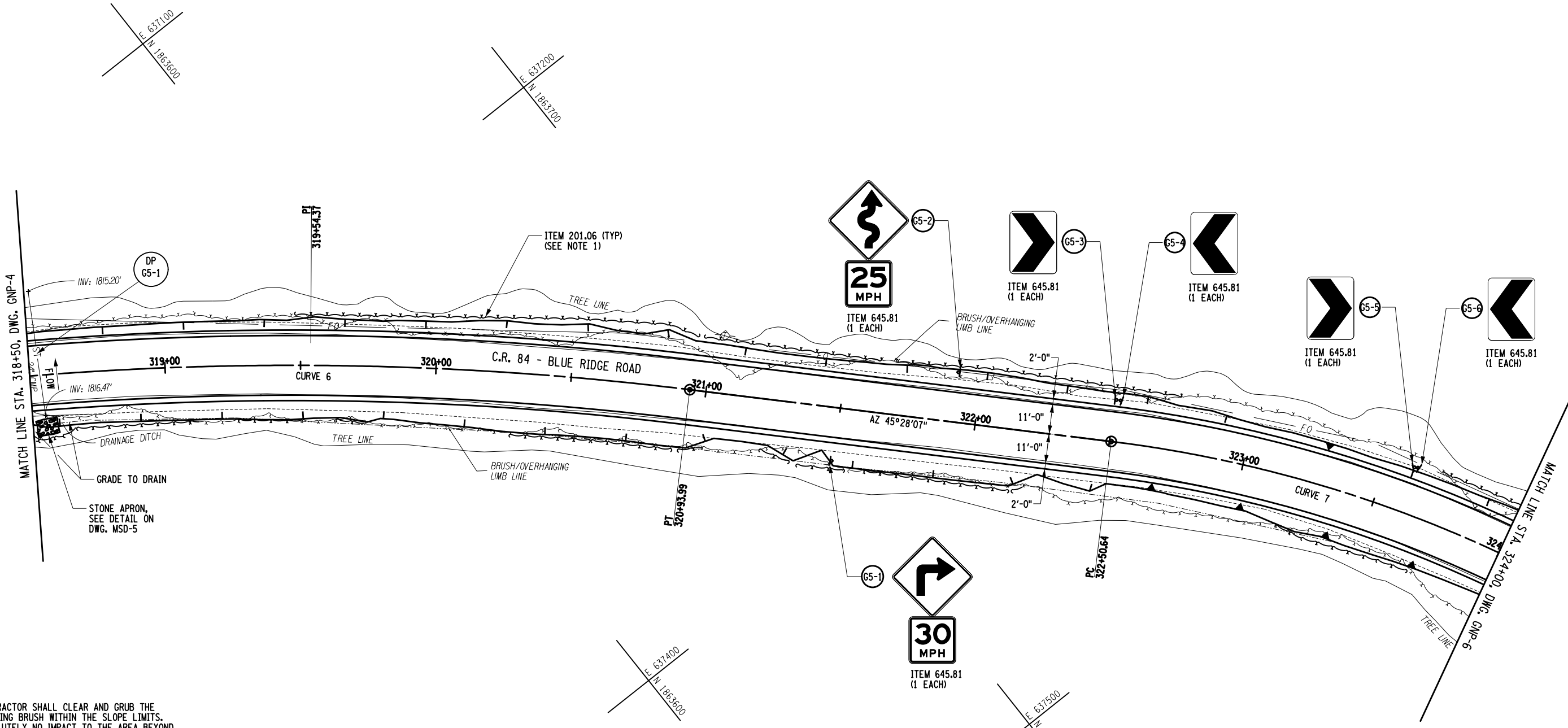
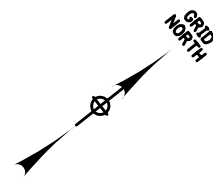
CHECK E. SNYDER

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 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' |
| Δ = 13°23'40" RT | Δ = 47°11'39" RT |

| | | | | | | |
|---|---|----------------------|--|----------|---|-----------------------------------|
| 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. GNP-5 SHEET NO. 25 |
| | 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.

GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

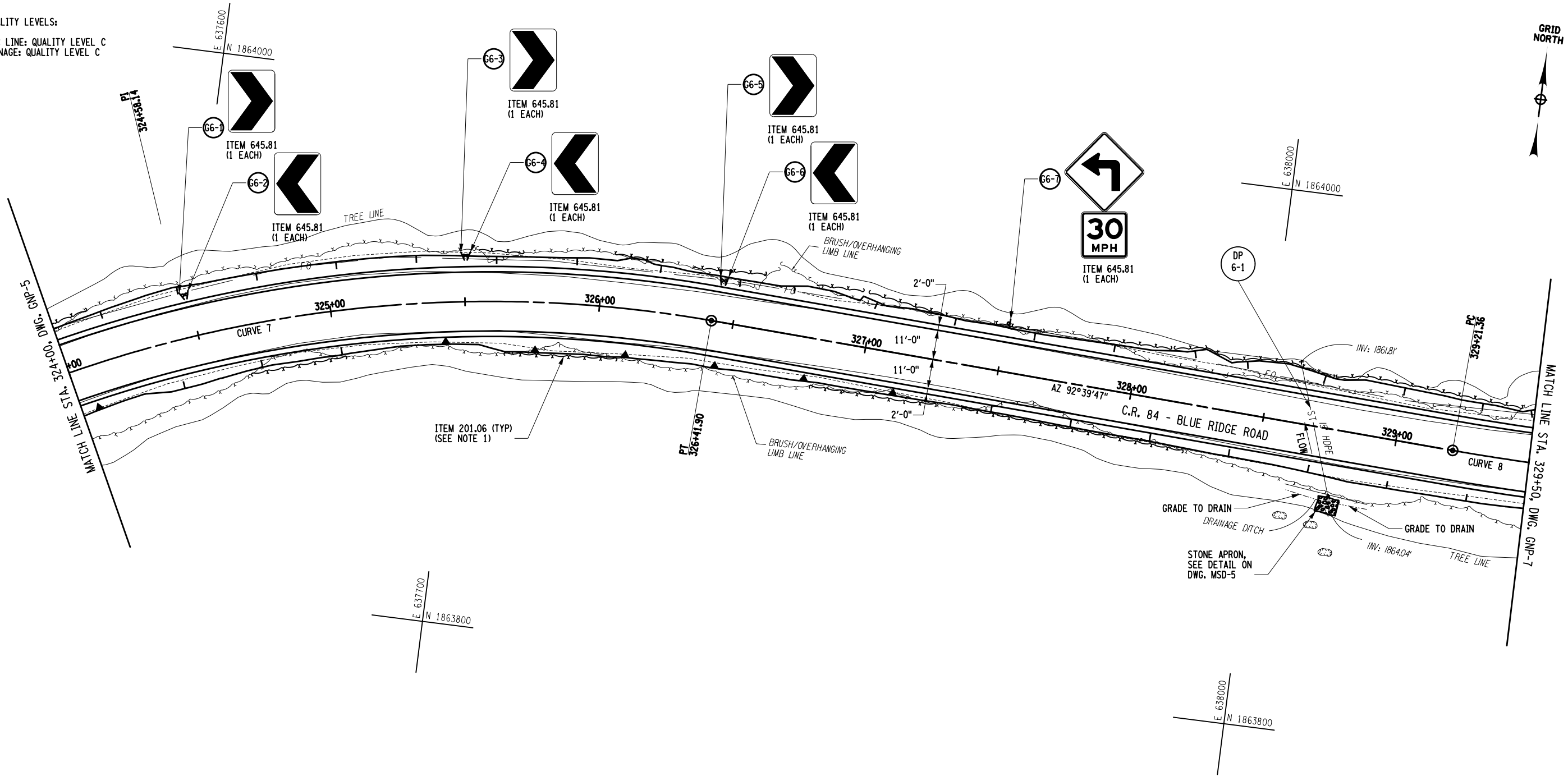
ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS



FILE NAME = ...\\CADD\\175999_oph_gnp_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

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 |
|------------------|
| P.C. = 322+50.64 |
| P.T. = 326+41.90 |
| R = 475.00' |
| L = 391.26' |
| Δ = 47°11'39" RT |

| CURVE 8 |
|------------------|
| P.C. = 329+21.36 |
| P.T. = 330+76.78 |
| R = 850.00' |
| L = 155.41' |
| Δ = 10°28'33" LT |

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-6
SHEET NO. 26

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

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

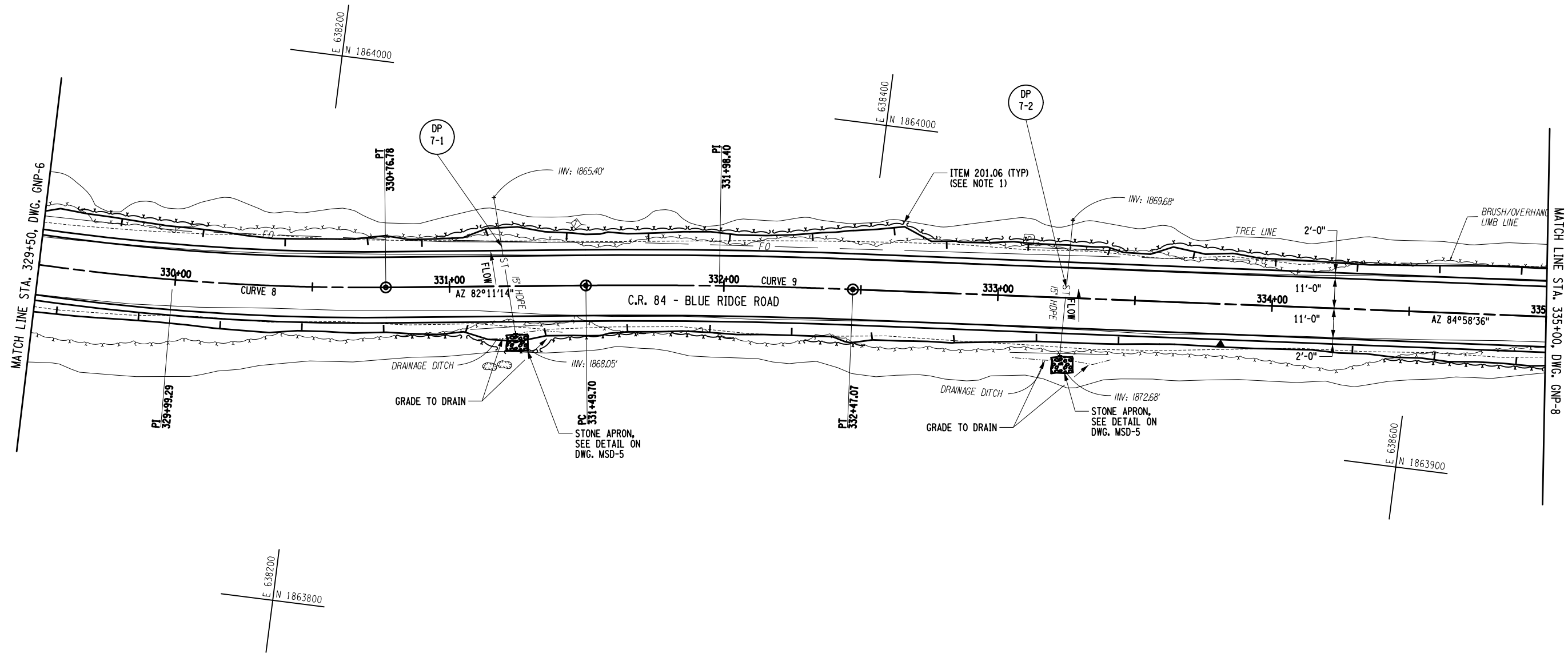
ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS



FILE NAME = \\CADD\175999\cph_gnp_07.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:
- 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 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' |
| Δ = 10°28'33" LT | Δ = 02°47'22" RT |

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-7
SHEET NO. 27

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

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS



FILE NAME = ...\\CADD\\175999_oph_gnp_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

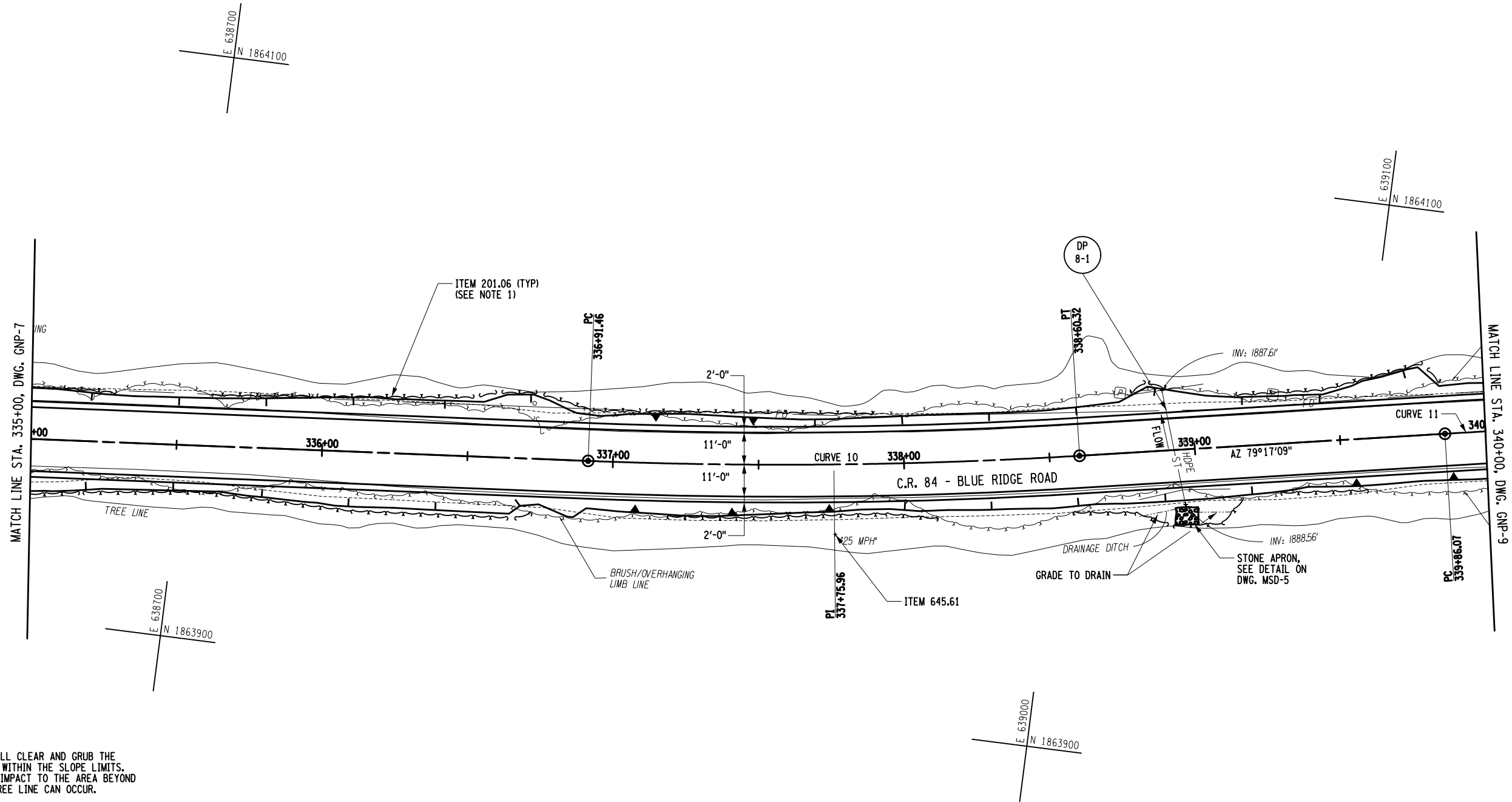
CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

UTILITY QUALITY LEVELS:

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

GRID NORTH



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 10 |
|---------------------------------|
| P.C. = 336+91.46 |
| P.T. = 338+60.32 |
| R = 1700.00' |
| L = 168.85' |
| $\Delta = 05^{\circ}41'27''$ LT |

| CURVE 11 |
|---------------------------------|
| P.C. = 339+86.07 |
| P.T. = 344+30.42 |
| R = 3500.00' |
| L = 444.35' |
| $\Delta = 07^{\circ}16'27''$ RT |

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-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.

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\\175999_oph_gnp_08.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

DESIGN L. BACH

CHECK E. SNYDER

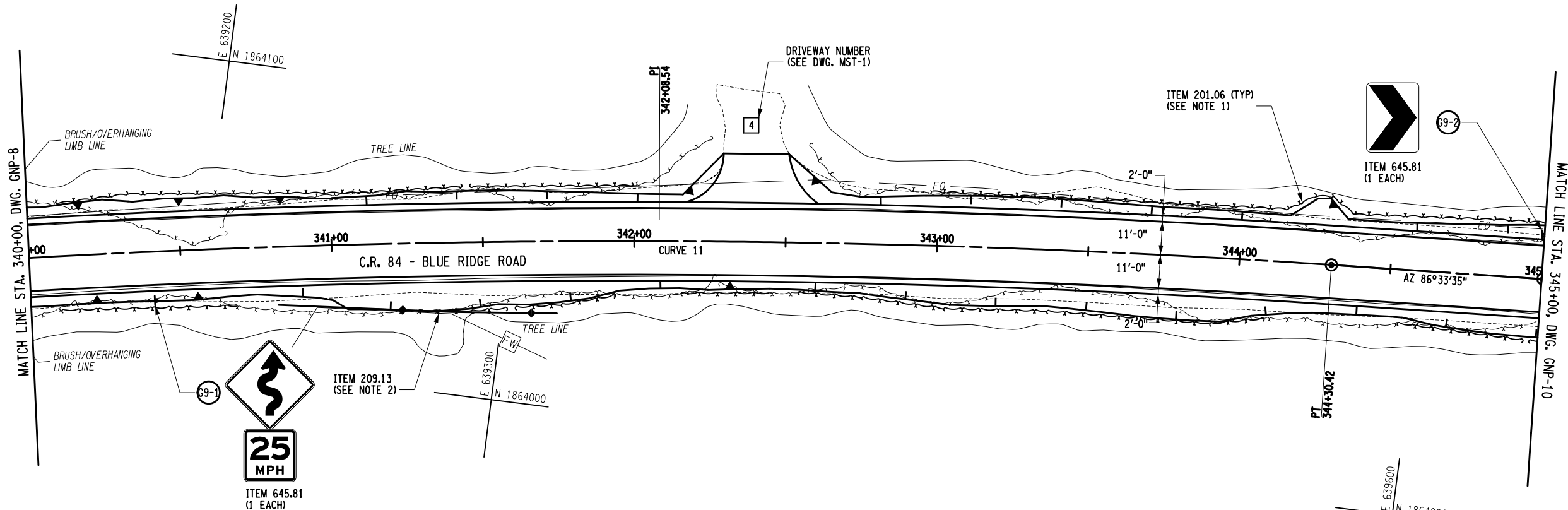
DRAFTING L. BACH

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.
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.

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON:

ALTERED BY:
ON:



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

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-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\cph_gnp-10.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

DESIGN L. BACH

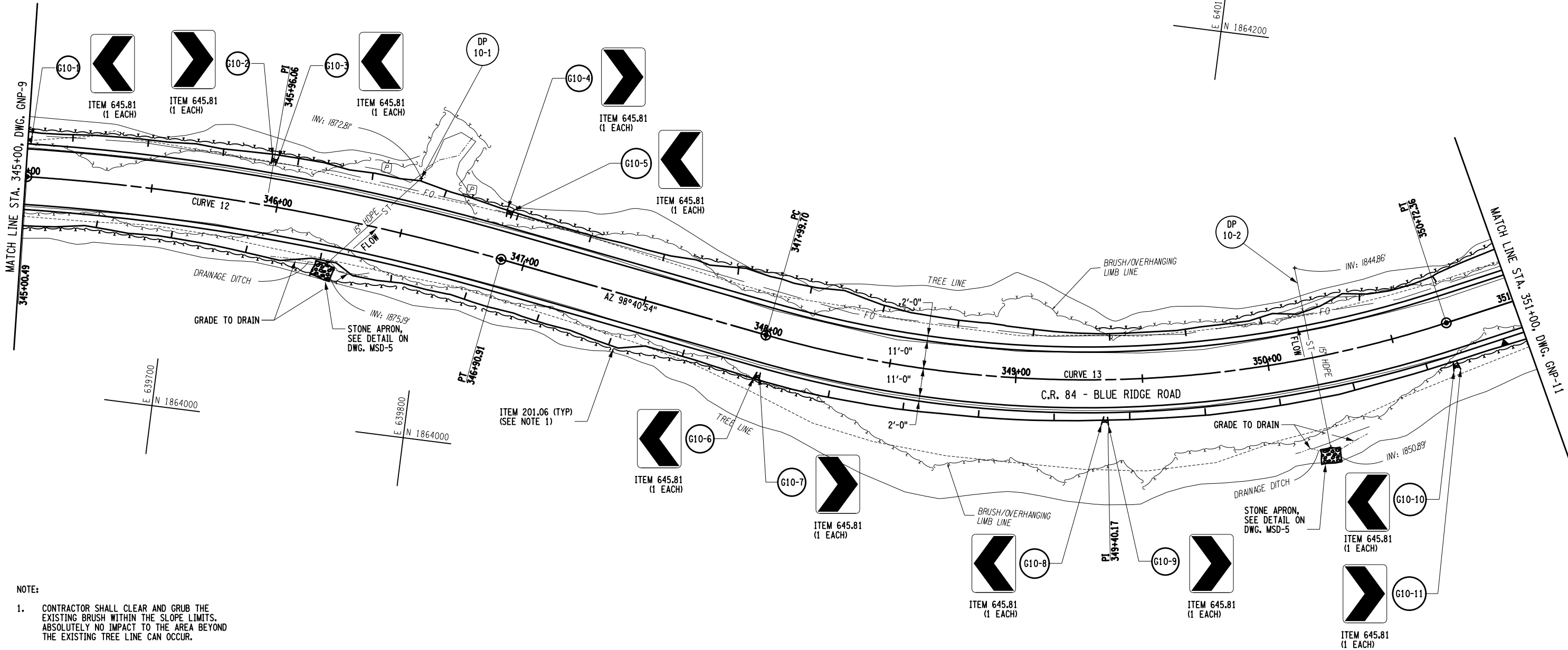
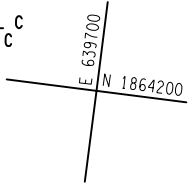
CHECK E. SNYDER

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:
- 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 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 |

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-10
SHEET NO. 30

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

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS



FILE NAME = \\CADD\175999\cph_gnp_11.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

DESIGN L. BACH

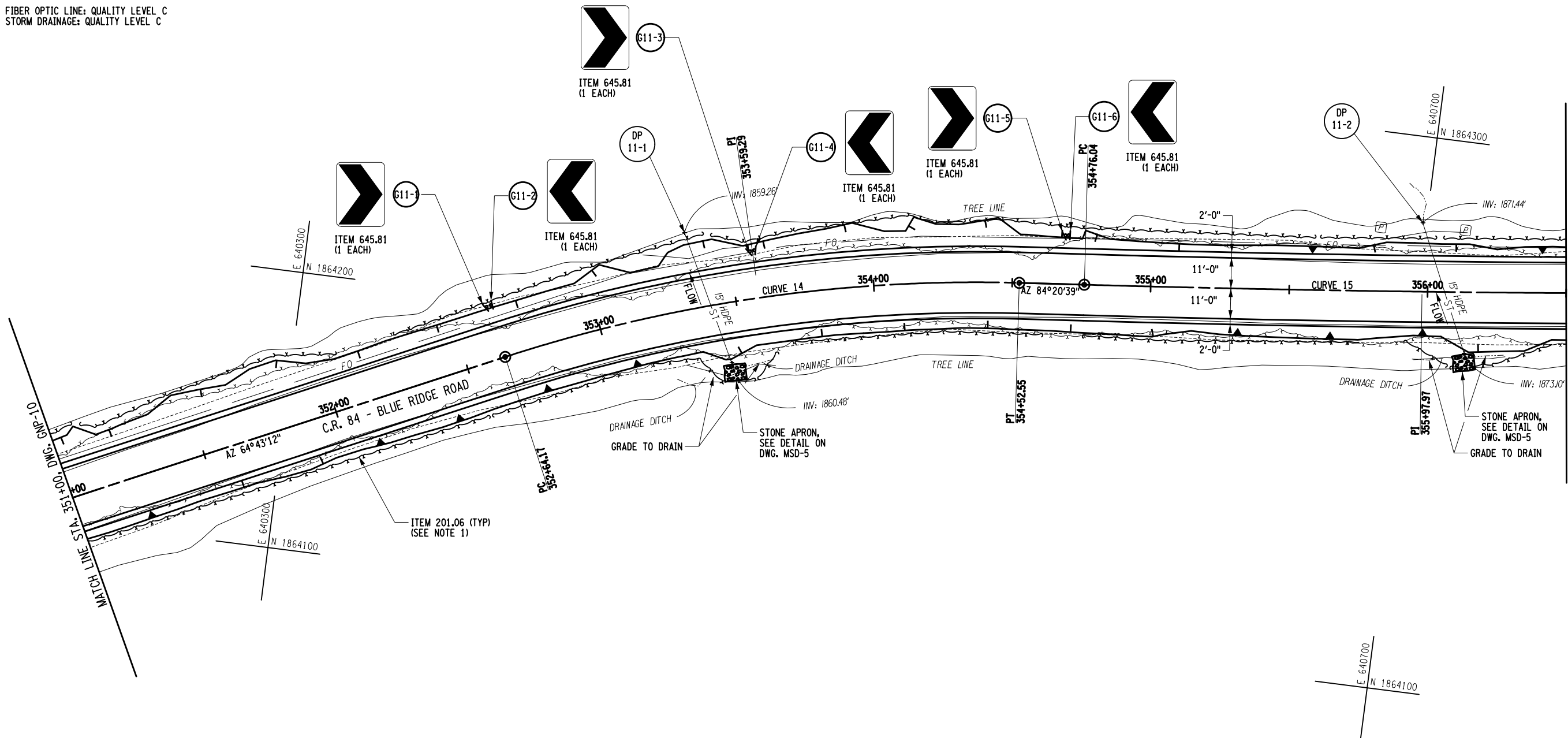
CHECK E. SNYDER

DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

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 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' |
| Δ = 19°37'28" RT | Δ = 01°44'47" LT |

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

| | | | |
|---|-------------|--|----------|
| COUNTY ROUTE 84, BLUE RIDGE ROAD | PIN 1759.99 | BRIDGES 3302660 3302650 3302670 | CULVERTS |
| NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS | CR 84 | | |
| | | | |
| 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.

GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER
D034909

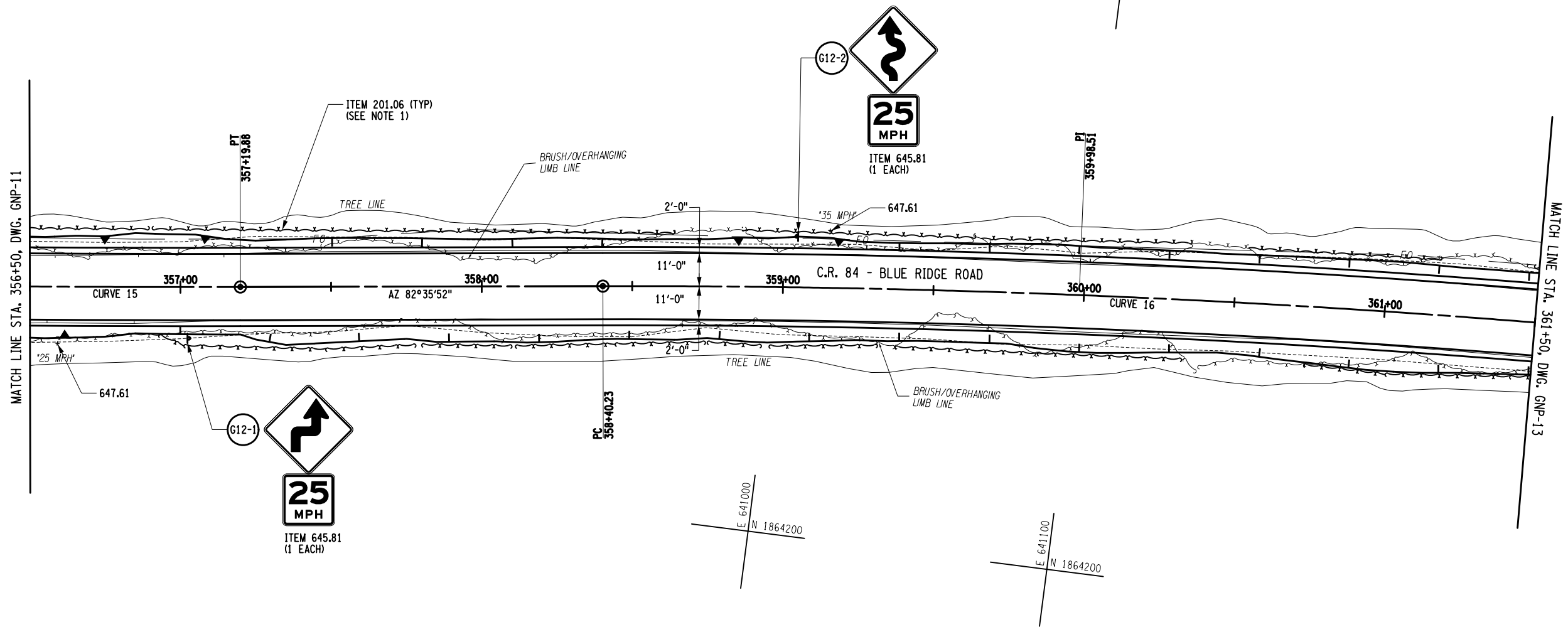
DRAWING NO. GNP-11
SHEET NO. 31



FILE NAME = ...\\CADD\\175999\\cph_gnp-12.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:
- 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 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 |

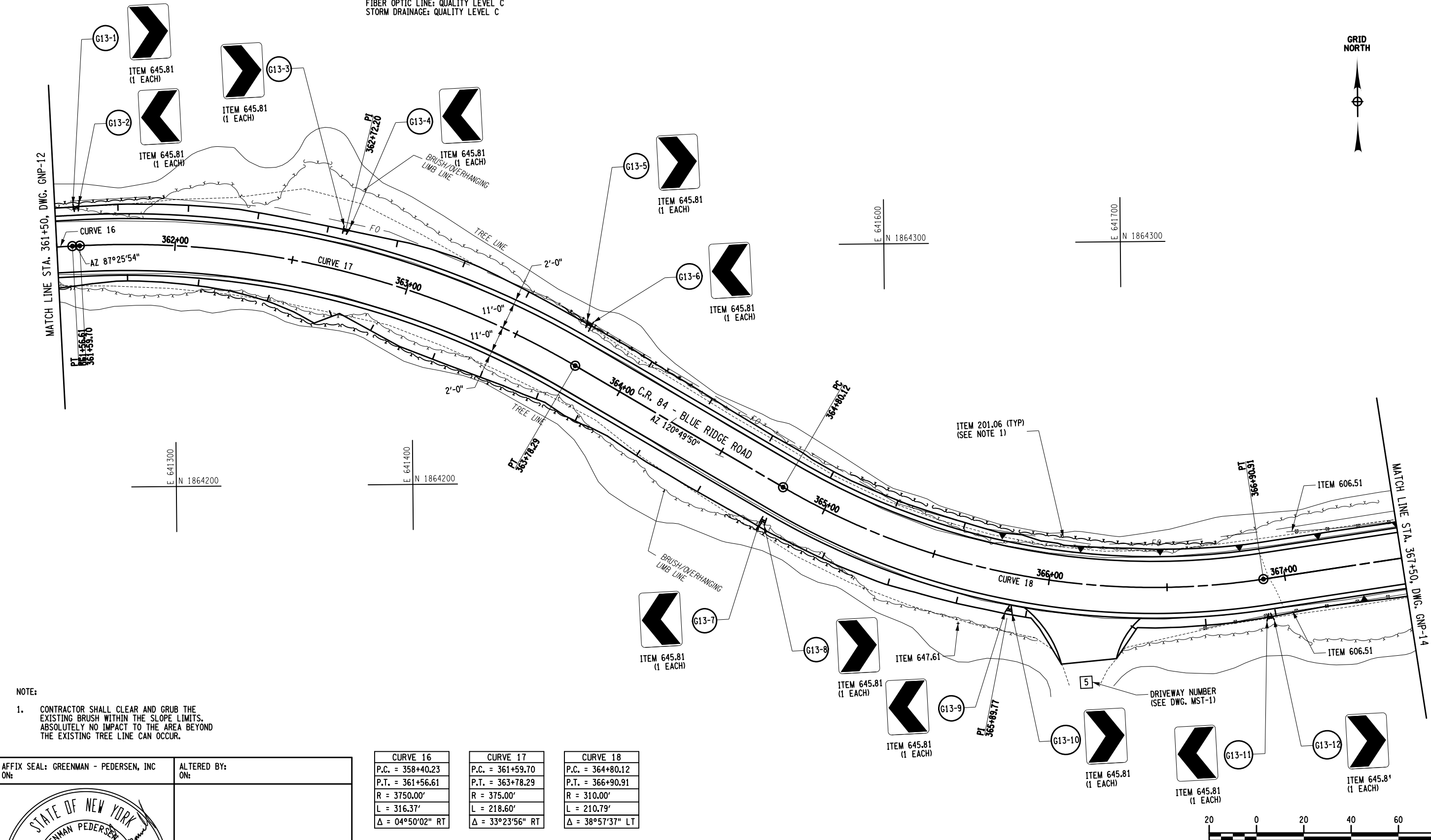
| | | | | | | | |
|--|---|----------------------|--|----------|---|---|--|
| AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS: | COUNTY ROUTE 84, BLUE RIDGE ROAD | PIN 1759.99 CR 84 | BRIDGES 3302660 3302650 3302670 | CULVERTS | ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED | CONTRACT NUMBER D034909 | |
| | NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS | | | | | DRAWING NO. GNP-12 | |
| | | | | | | SHEET NO. 32 | |
| | 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. | | | | | | GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS | ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS |



FILE NAME = \\CADD\175999\cph_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 |
|------------------|
| P.C. = 358+40.23 |
| P.T. = 361+56.61 |
| R = 3750.00' |
| L = 316.37' |
| Δ = 04°50'02" RT |

| CURVE 17 |
|------------------|
| P.C. = 361+59.70 |
| P.T. = 363+78.29 |
| R = 375.00' |
| L = 218.60' |
| Δ = 33°23'56" RT |

| CURVE 18 |
|------------------|
| P.C. = 364+80.12 |
| P.T. = 366+90.91 |
| R = 310.00' |
| L = 210.79' |
| Δ = 38°57'37" LT |

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-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

FILE NAME = ...\\CADD\\175999_oph_gnp-14.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

DESIGN L. BACH

CHECK E. SNYDER

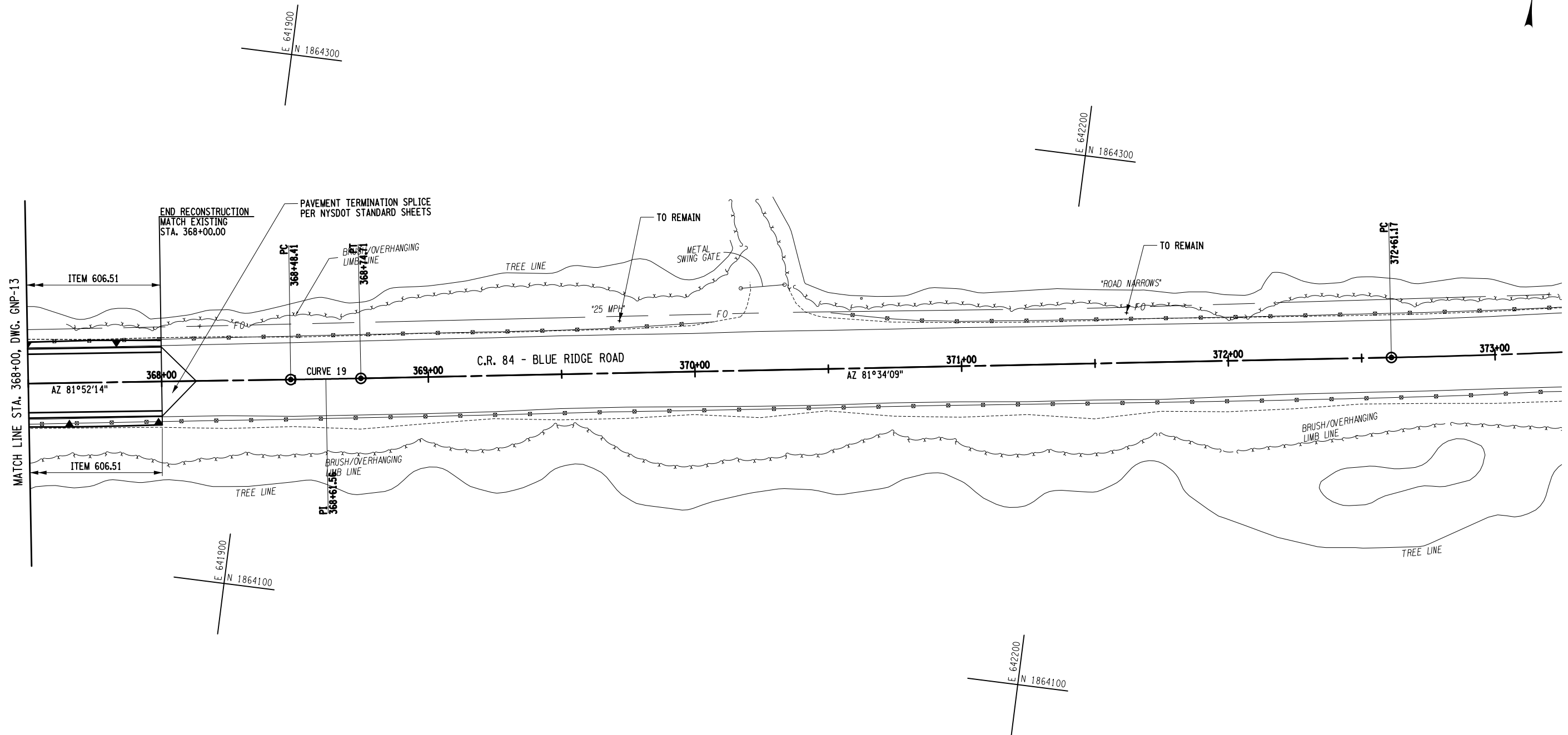
DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER


UTILITY QUALITY LEVELS:

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




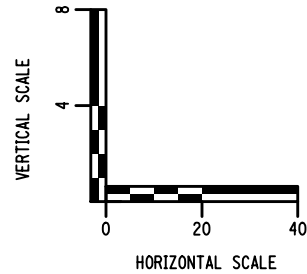
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ON:

ALTERED BY:
ON:

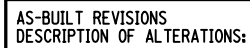


| CURVE 19 |
|------------------|
| P.C. = 368+48.41 |
| P.T. = 368+74.71 |
| R = 5000.00' |
| L = 26.31' |
| Δ = 00°18'05" LT |

| | | | | | | |
|--|---|----------------------|--|----------|--|------------------------------------|
| 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 | | | | | |
| | | | | | GENERAL PLAN | DRAWING NO. GNP-14 SHEET NO. 34 |
| | | | | | | |
| | 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. | | | | | <div><div><div>GPI</div><div>GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS</div></div><div>ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS</div></div> | |



ALTERED BY:
ON:



| |
|-------------|
| PIN 1759.99 |
| CR 84 |

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED


CONTRACT NUMBER
D034909

PROPOSED PROFILE

DRAWING NO. PR0-1
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.

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS


ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\\175999\\cph_pro-02.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

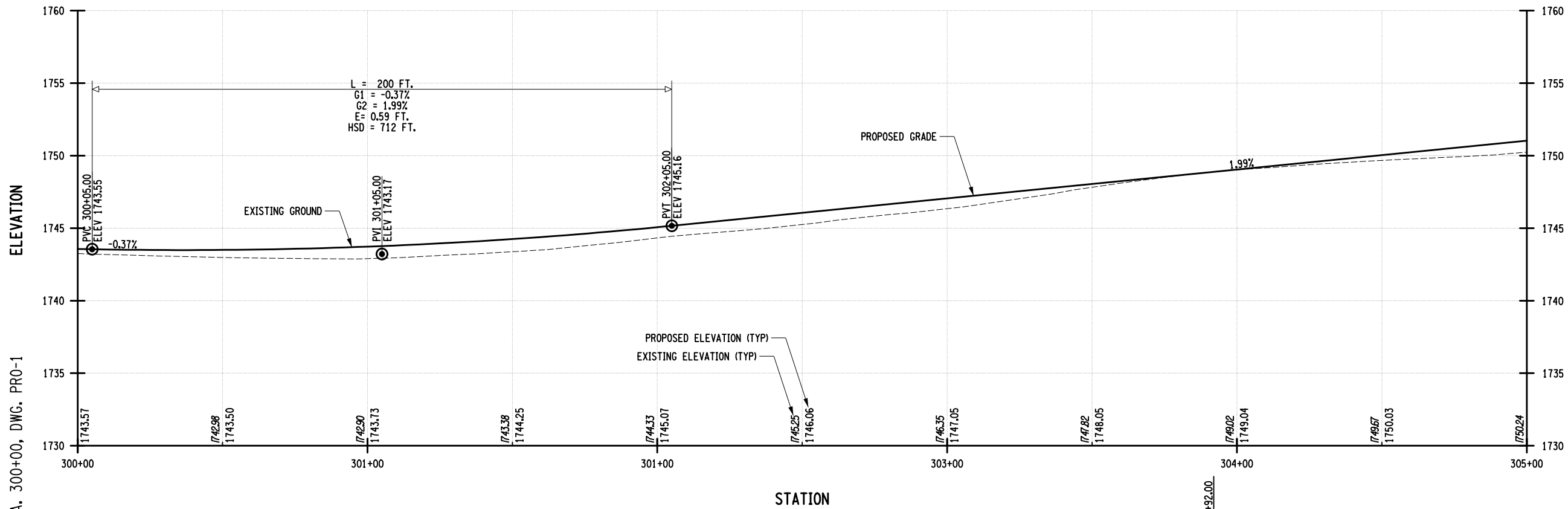
DESIGN L. BACH

CHECK E. SNYDER

DRAFTING L. BACH

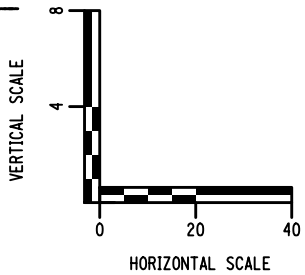
CHECK E. SNYDER


PROJECT MANAGER E. SNYDER





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

COUNTY ROUTE 84 (BLUE RIDGE ROAD)

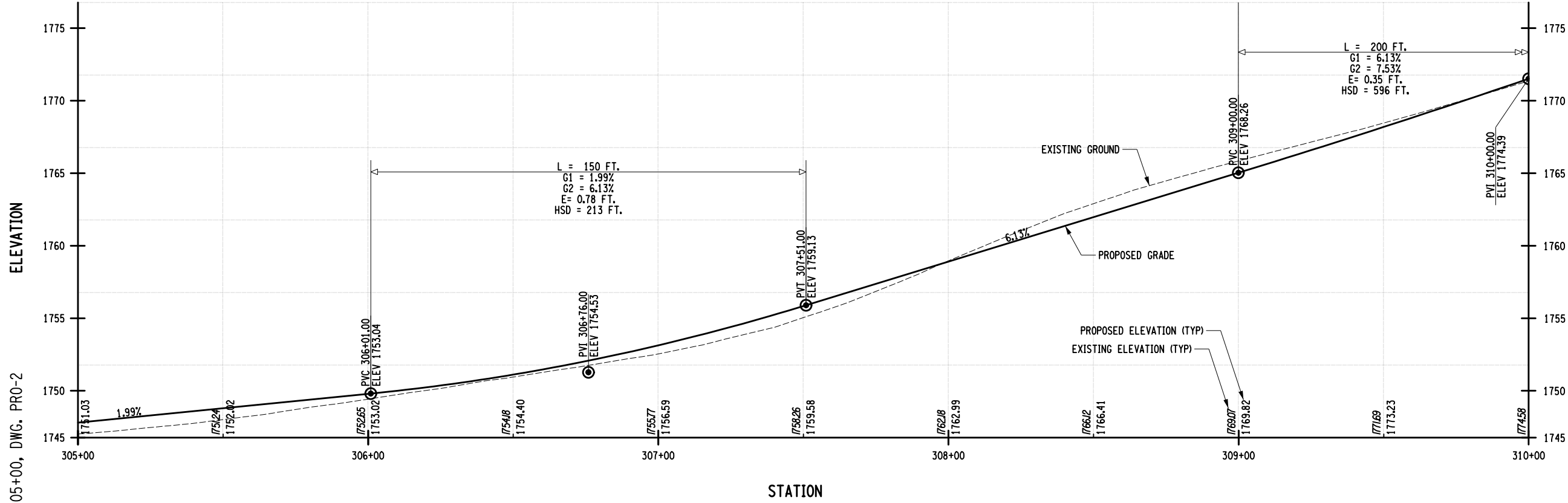


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|---|--------------------|
| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | ALTERED BY: ON: |
|  | |

| | | | | | | | |
|--|---|----------------------|--|----------|---|---|--|
| 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 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| COUNTY: ESSEX | REGION: 1 | PROPOSED PROFILE | | | | 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. | | | | | |  GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS |  ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS |

FILE NAME = ...\\CADD\\175999_cph_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



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

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
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

PROPOSED PROFILE

CONTRACT NUMBER
D034909

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

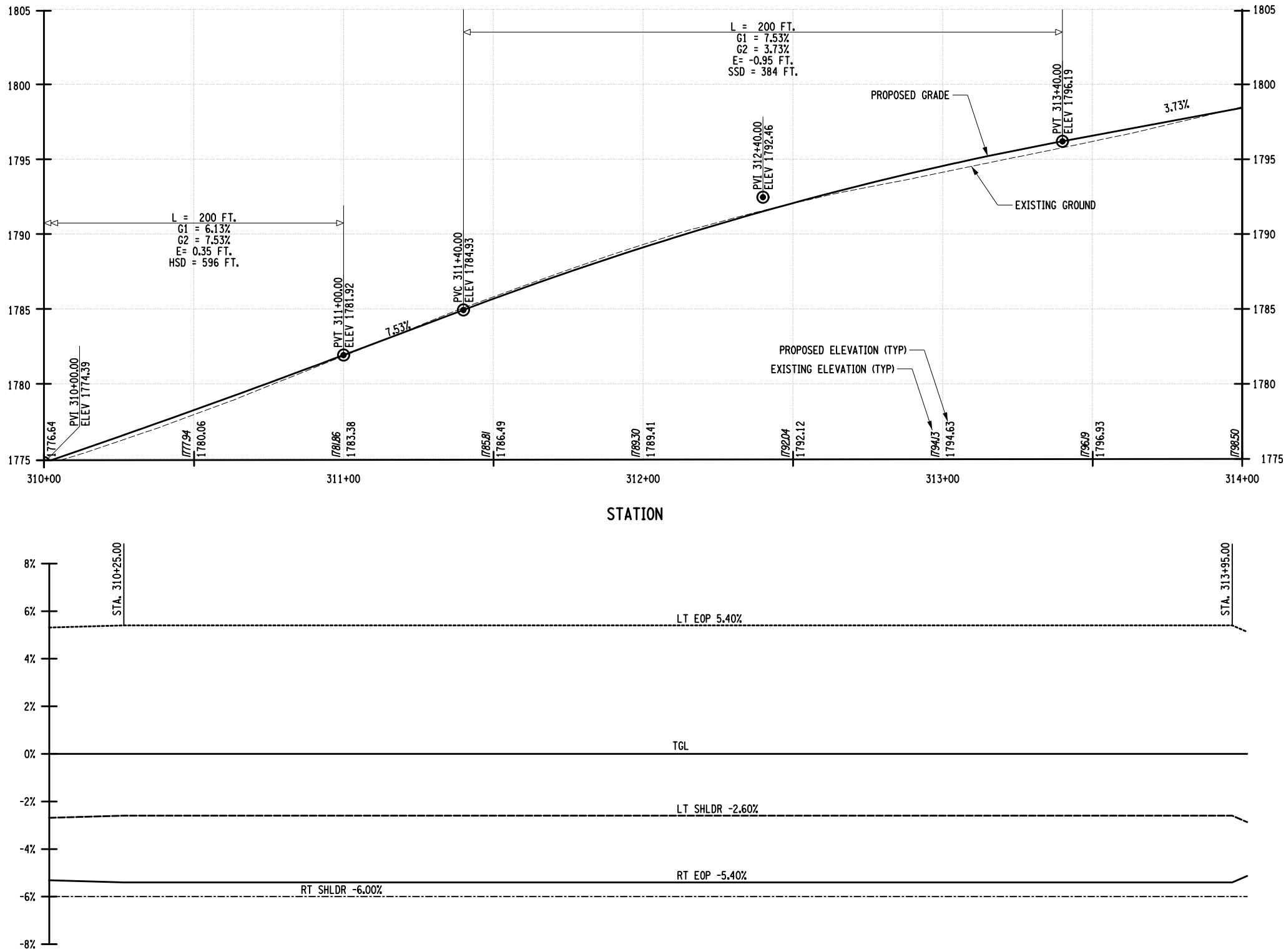
ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\\175999_cph_pro-04.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

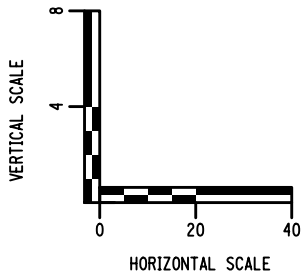
SUPERELEVATION MATCH LINE STA. 310+00, DWG. PRO-3

ELEVATION



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

COUNTY ROUTE 84 (BLUE RIDGE ROAD)



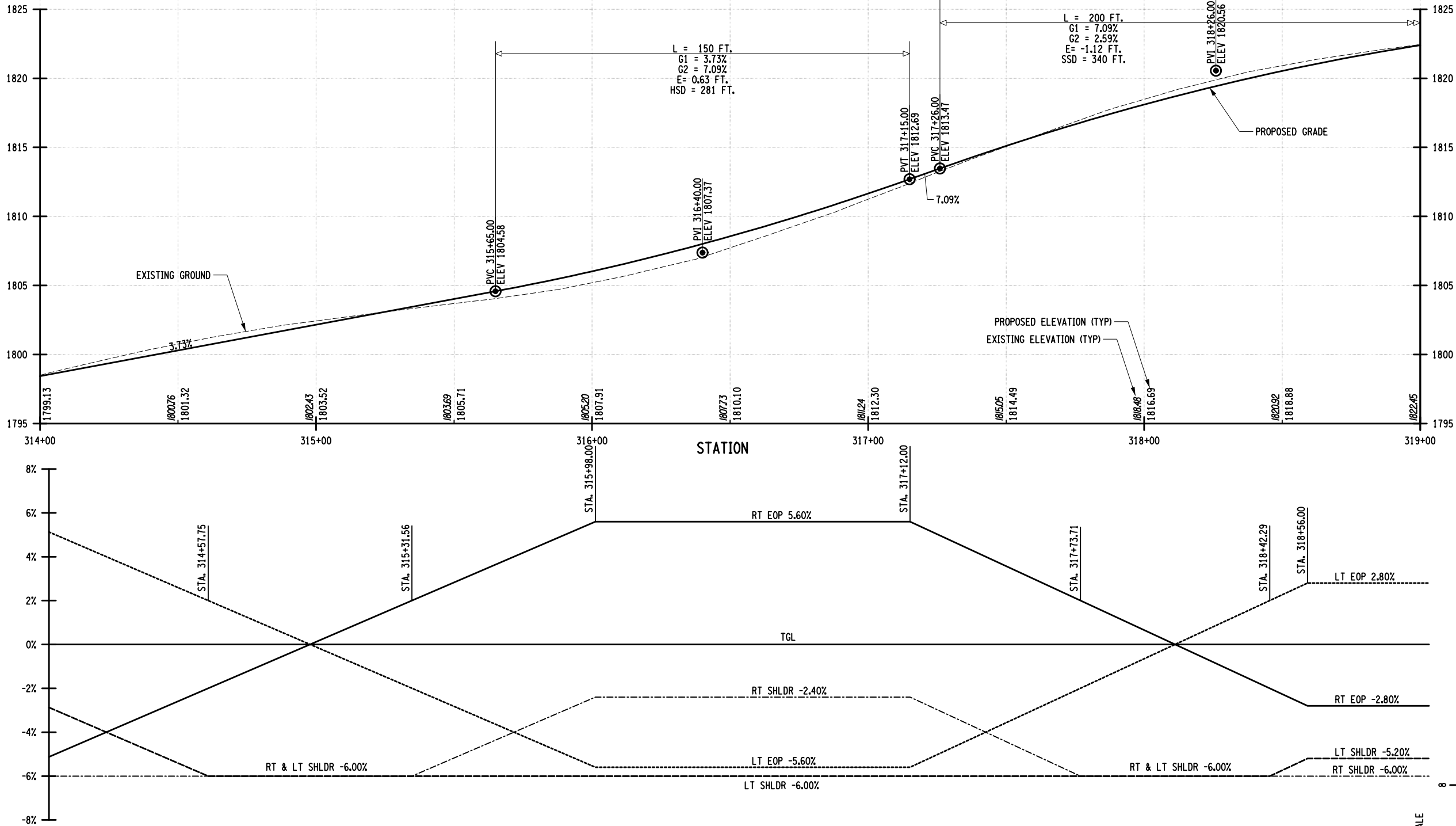
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|---|--------------------|
| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | ALTERED BY: ON: |
| | |

| | | | | | | | |
|--|---|----------------------|--|----------|---|---|--|
| 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-4 | |
| | COUNTY: ESSEX REGION: 1 | | | | | 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_0ph_pro-05.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

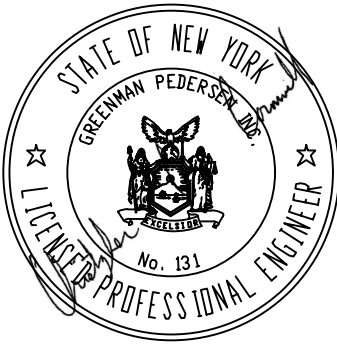
SUPERELEVATION MATCH LINE STA. 314+00, DWG. PRO-4



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

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
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

PROPOSED PROFILE

CONTRACT NUMBER
D034909

DRAWING NO. PRO-5
SHEET NO. 39

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

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\\175999_0ph_pro-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

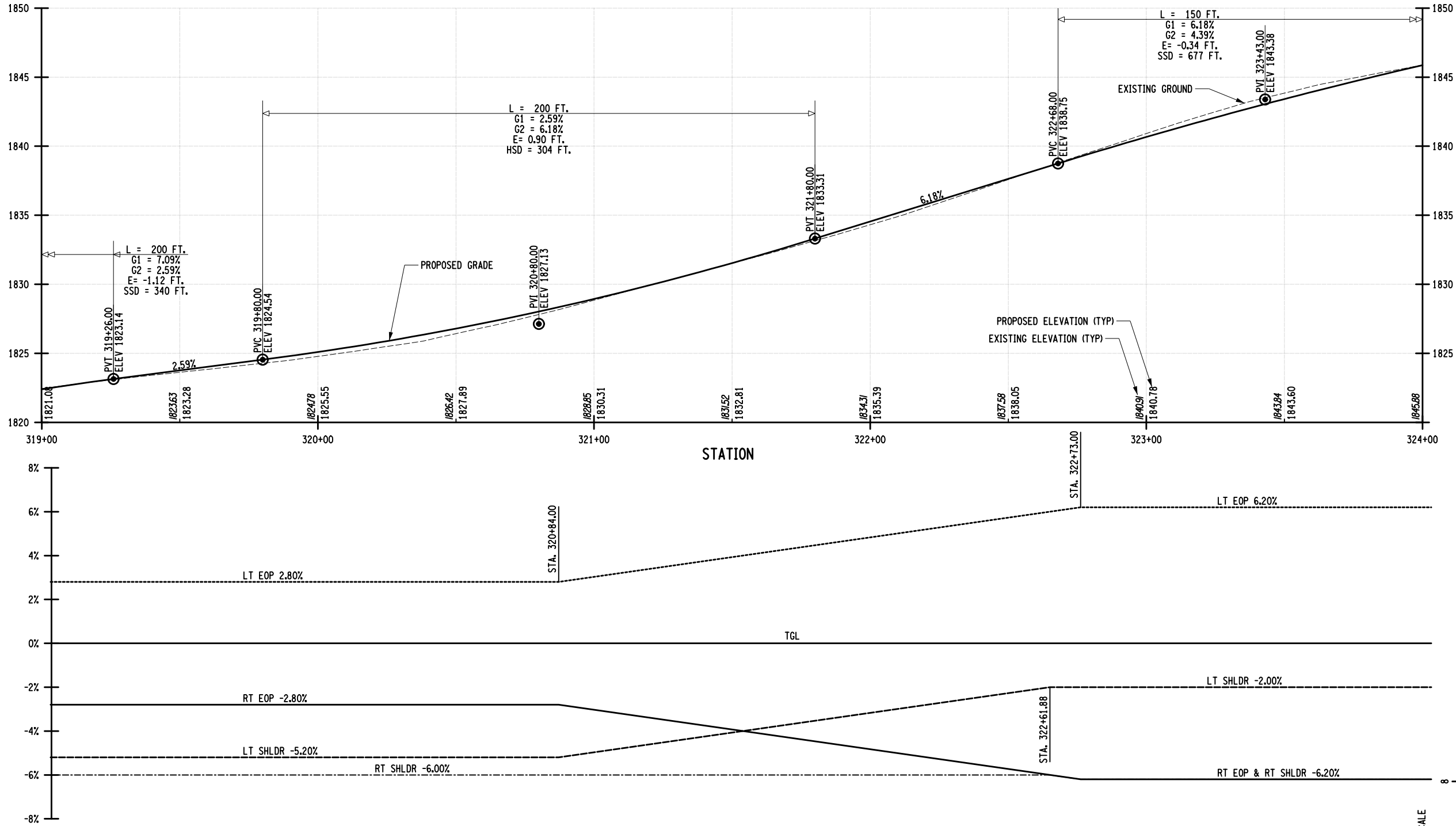
CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

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

SUPERELEVATION


ELEVATION



MATCH LINE STA. 324+00, DWG. PRO-7



COUNTY ROUTE 84 (BLUE RIDGE ROAD)

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON:



GREENMAN PEDERSEN, INC.
LICENSED PROFESSIONAL ENGINEER
No. 131

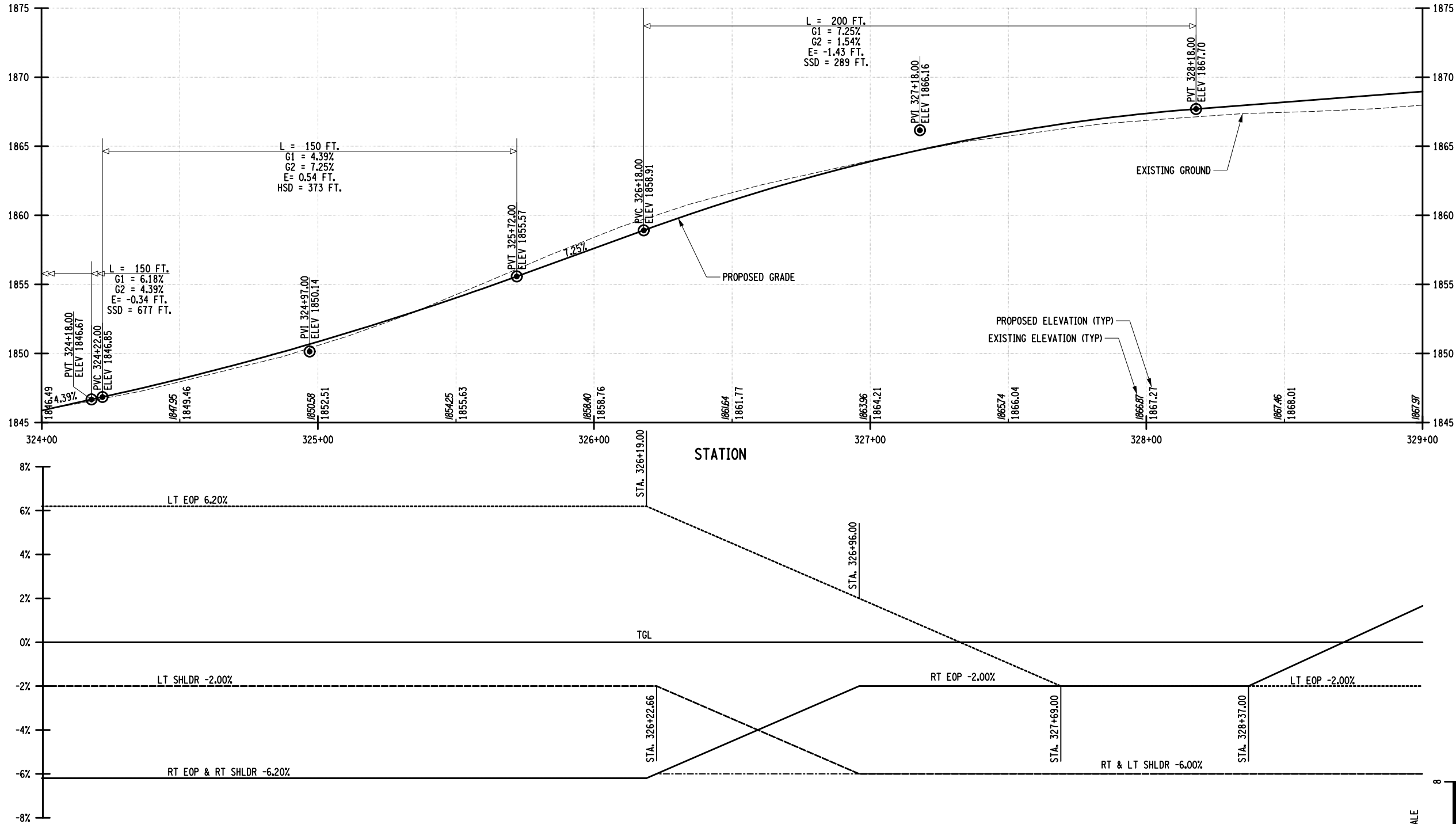
ALTERED BY:
ON:

| | | | | | | |
|--|---|----------------------|--|----------|---|--|
| 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 | | | | PROPOSED PROFILE | DRAWING NO. PRO-6 SHEET NO. 40 |
| | | | | | | |
| | | | | | | |
| | 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. | | | | |  GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS |  ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS |

FILE NAME = ...\\CADD\\175999\\cph_pro-07.dgn
DATE/TIME = 5/19/2016
USER = lbach

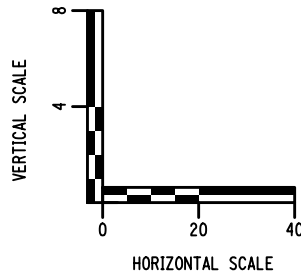
DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER E. SNYDER
DESIGN L. BACH
CHECK E. SNYDER
DRAFTING L. BACH
CHECK E. SNYDER
PROJECT MANAGER E. SNYDER

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



MATCH LINE STA. 329+00, DWG. PRO-8

COUNTY ROUTE 84 (BLUE RIDGE ROAD)



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

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|--|---|----------------------|--|----------|---|--|
| 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-7 SHEET NO. 41 |
| 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



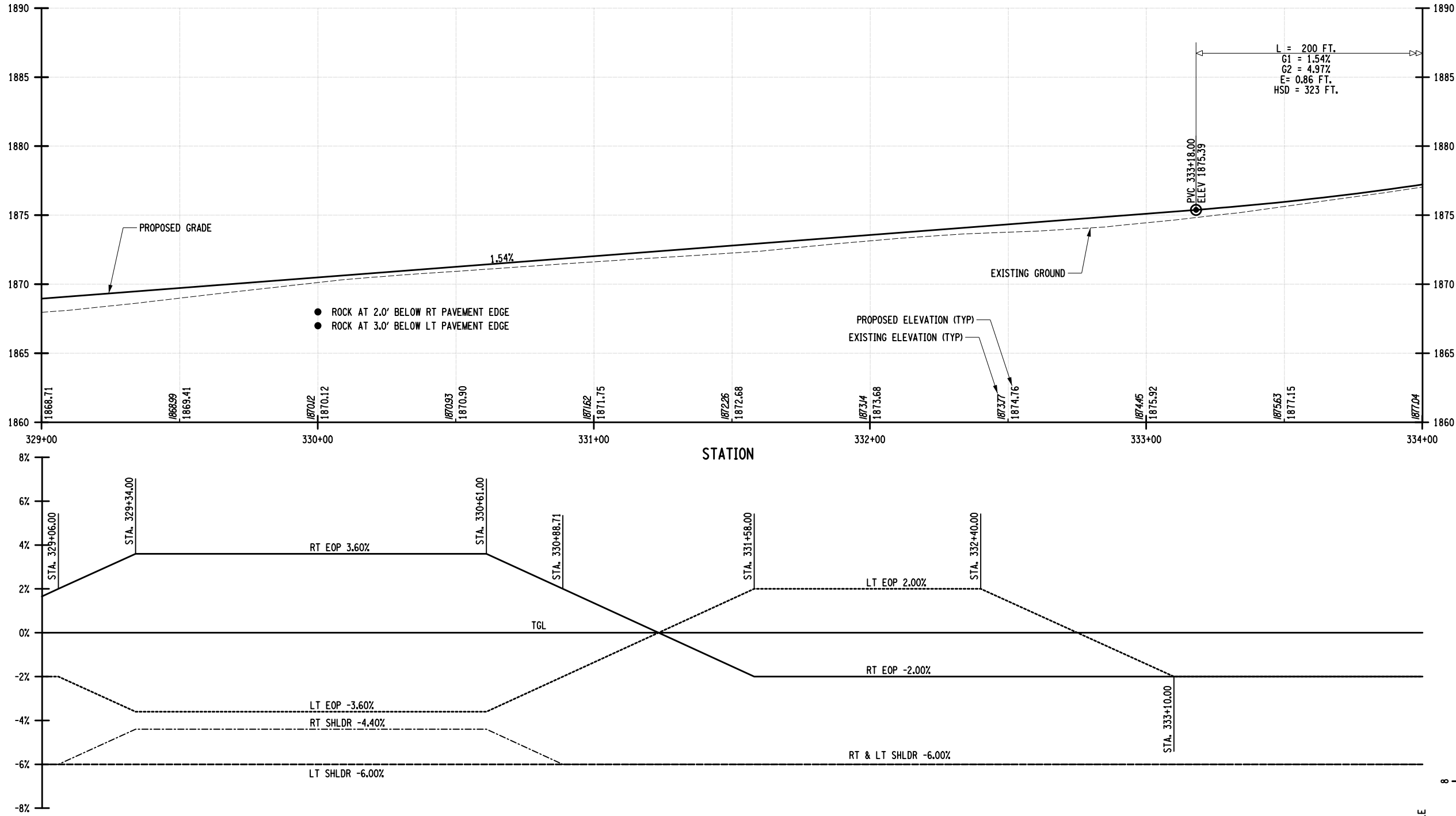
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DATE/TIME = 5/19/2016
USER = lbach

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

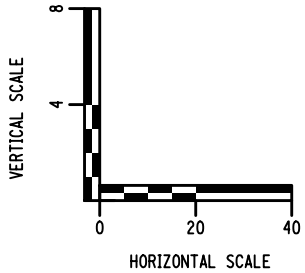
MATCH LINE STA. 329+00, DWG. PRO-7
MATCH LINE STA. 334+00, DWG. PRO-9

SUPERELEVATION

ELEVATION




COUNTY ROUTE 84 (BLUE RIDGE ROAD)



AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON:

ALTERED BY:
ON:

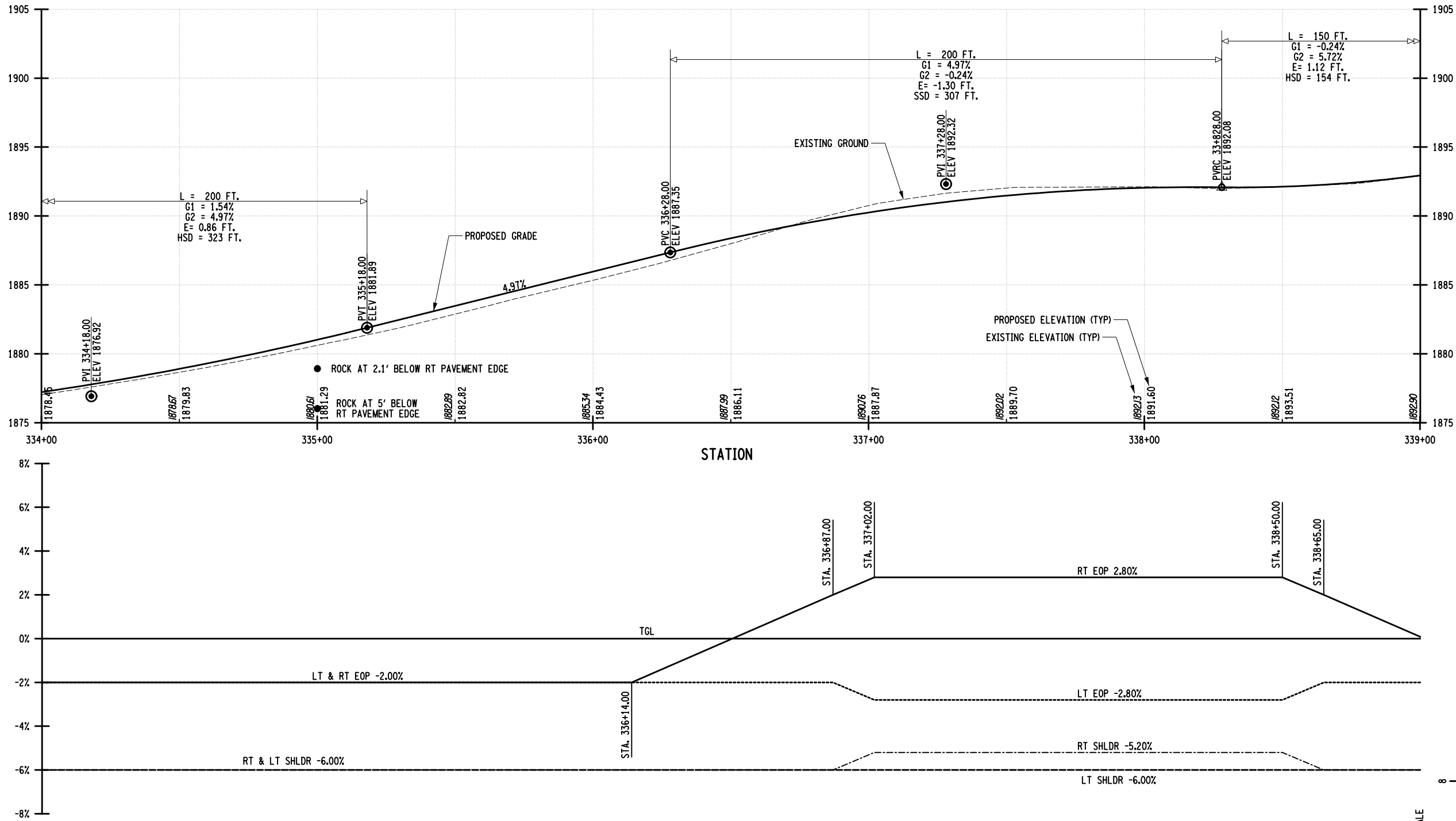
STATE OF NEW YORK
GREENMAN PEDERSEN INC.
LICENSED PROFESSIONAL ENGINEER
No. 131

| | | | | | | |
|--|---|----------------------|--|----------|---|---|
| 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 | | | | PROPOSED PROFILE | DRAWING NO. PRO-8 SHEET NO. 42 |
| | | | | | | |
| | | | | | | |
| | 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. | | | | | | <div><div><div><div><div><div></div><div>GPI</div></div><div>GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS</div></div></div><div>ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS</div></div></div> |

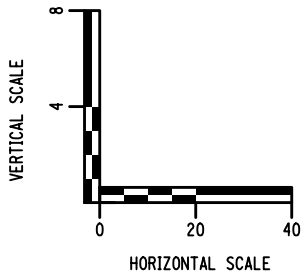
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USER = lbach

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-8
ELEVATION
SUPERELEVATION



MATCH LINE STA. 339+00, DWG. PRO-10



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

PROPOSED PROFILE

CONTRACT NUMBER
D034909

DRAWING NO. PRO-9
SHEET NO. 43

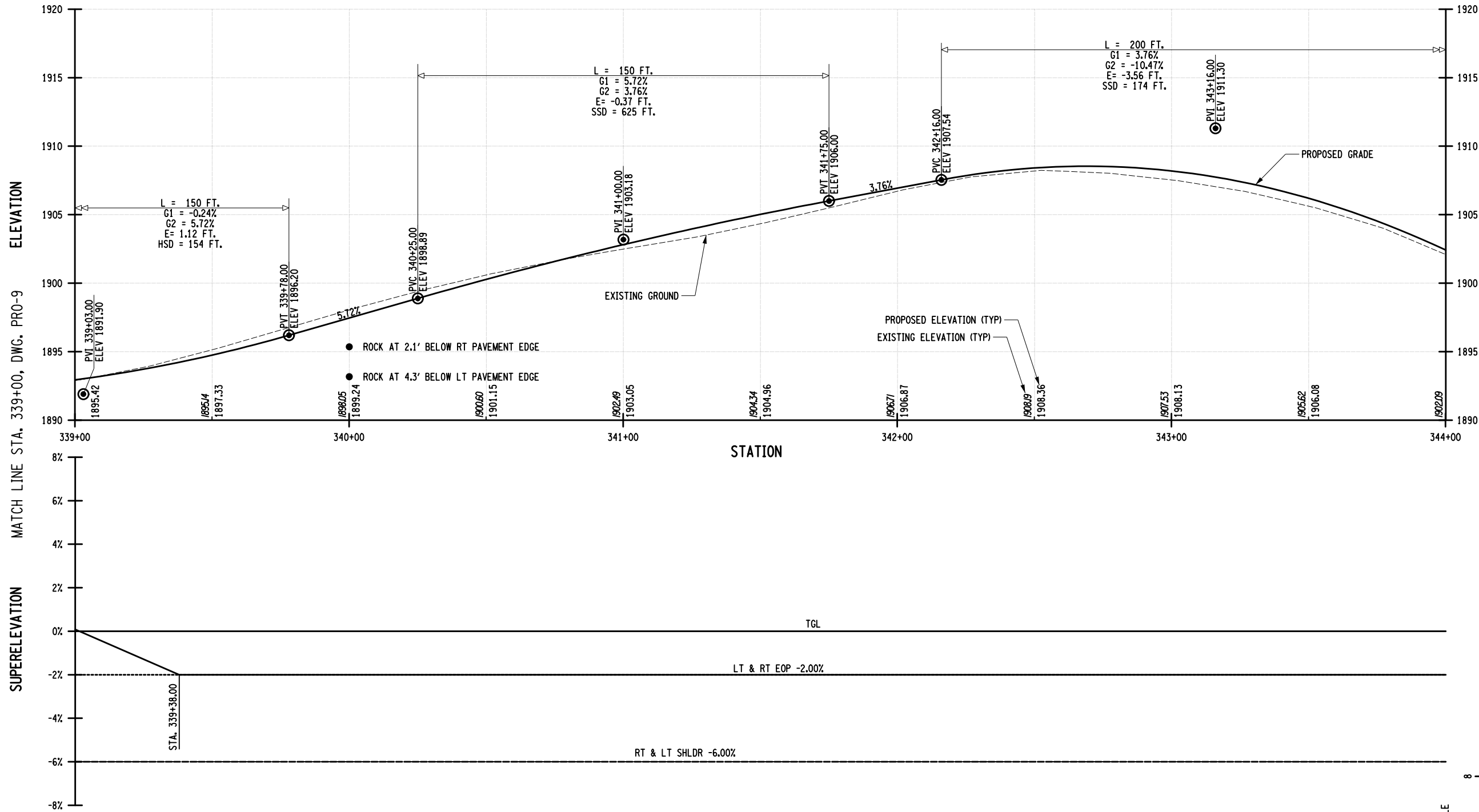
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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

GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS


ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS


FILE NAME = ...\\CADD\\175999_cph_pro-10.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-10 SHEET NO. 44 |
| 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. | | | | | |  GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS |

FILE NAME = ...\\CADD\\175999_cph_pro-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

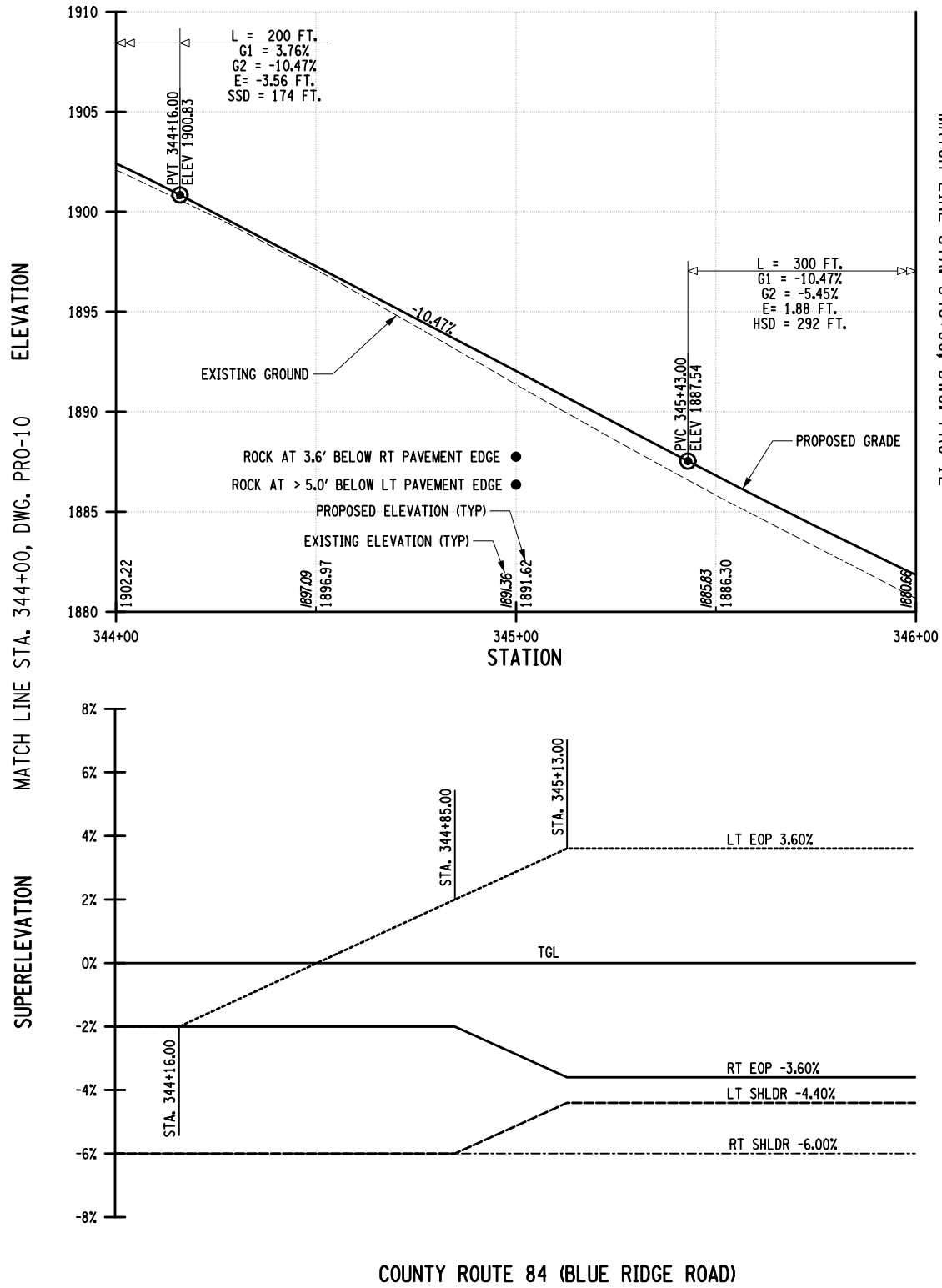
PROJECT MANAGER E. SNYDER

AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON:



ALTERED BY:
ON:

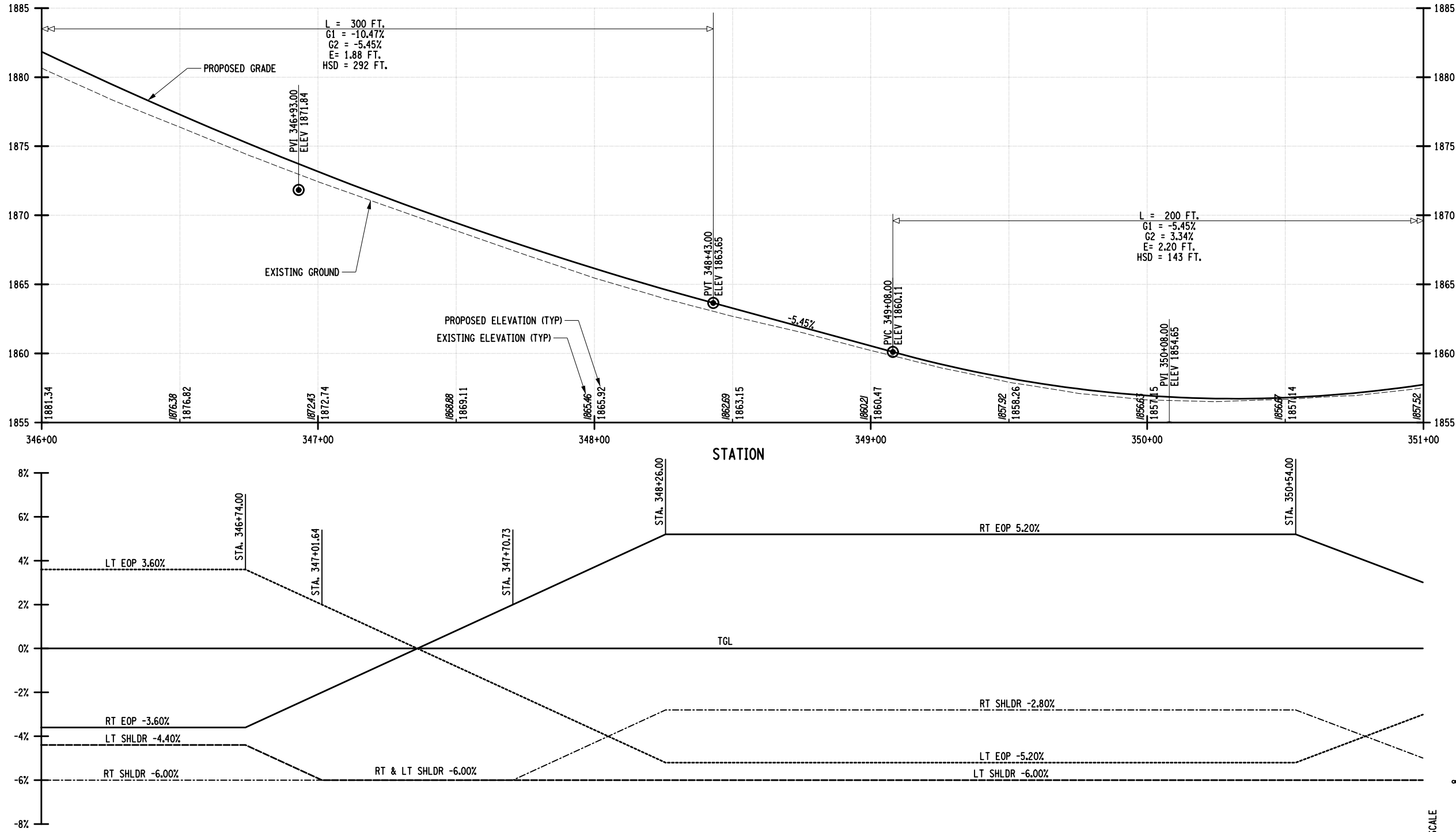
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| AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS: | COUNTY ROUTE 84, BLUE RIDGE ROAD | PIN 1759.99 CR 84 | BRIDGES 3302660 3302650 3302670 | CULVERTS |
| | NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS | | | |
| | | | | |
| | | | | |
| | COUNTY: 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. | | | | |



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

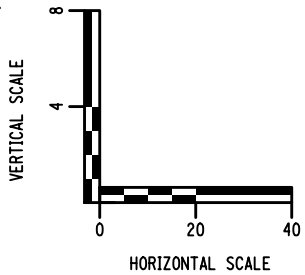
DESIGN SUPERVISOR C. CORNWELL
JOB MANAGER E. SNYDER
DESIGN L. BACH
CHECK E. SNYDER
DRAFTING L. BACH
CHECK E. SNYDER
PROJECT MANAGER E. SNYDER

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



MATCH LINE STA. 351+00, DWG. PRO-13

COUNTY ROUTE 84 (BLUE RIDGE ROAD)



| | | | |
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| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | | ALTERED BY: ON: | |
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| 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-12 SHEET NO. 46 |
| 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. | | | | | | GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS |

FILE NAME = \\CADD\175999\cph_pro-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

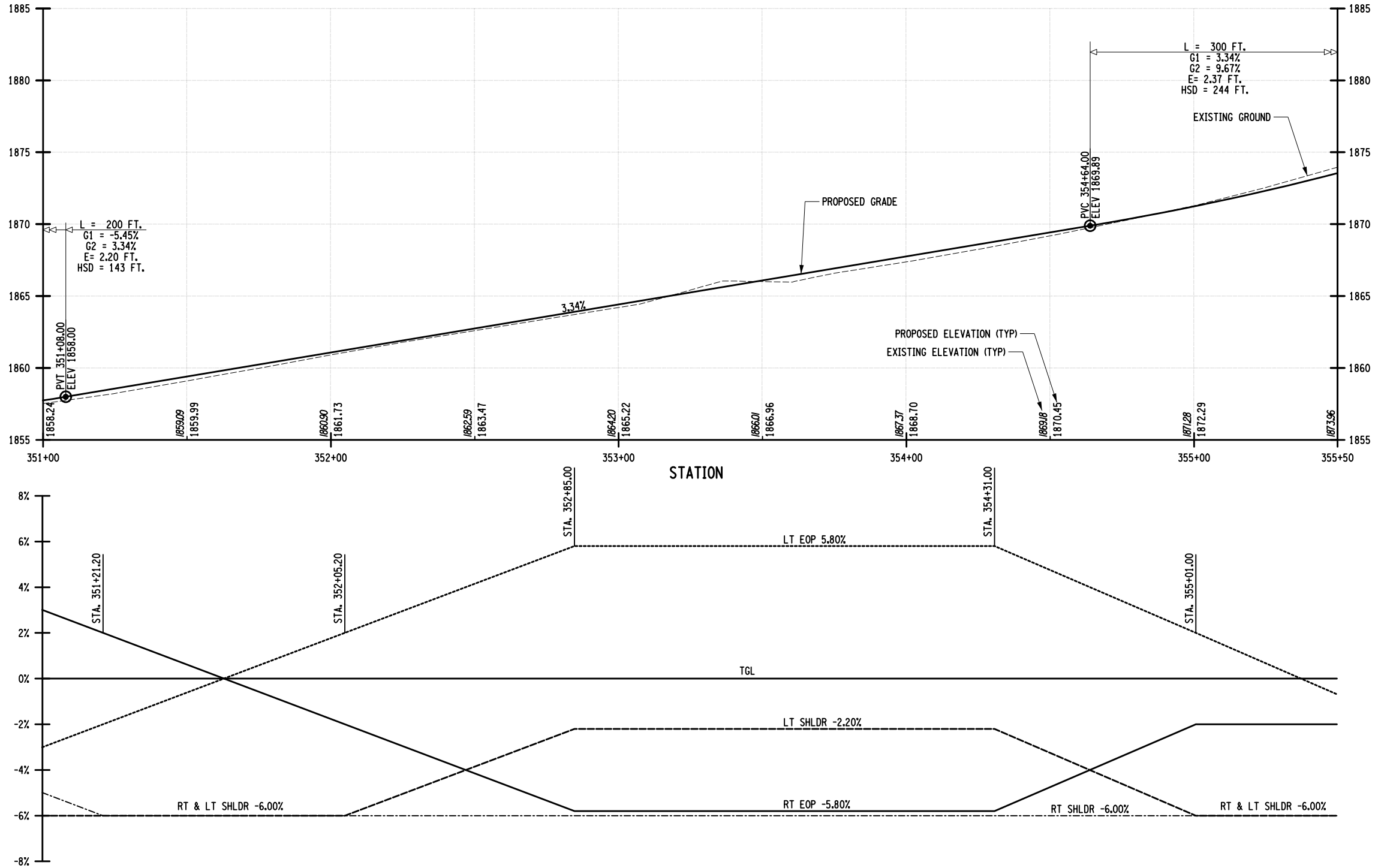
CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

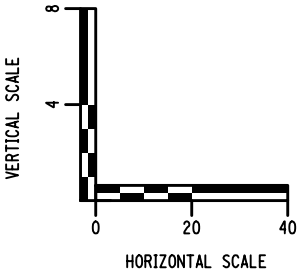
MATCH LINE STA. 351+00, DWG. PRO-12

SUPERELEVATION

ELEVATION



MATCH LINE STA. 355+50, DWG. PRO-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
COUNTY: ESSEX REGION: 1

PIN 1759.99
CR 84

BRIDGES
3302660
3302650
3302670

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

PROPOSED PROFILE

CONTRACT NUMBER
D034909

DRAWING NO. PRO-13
SHEET NO. 47

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

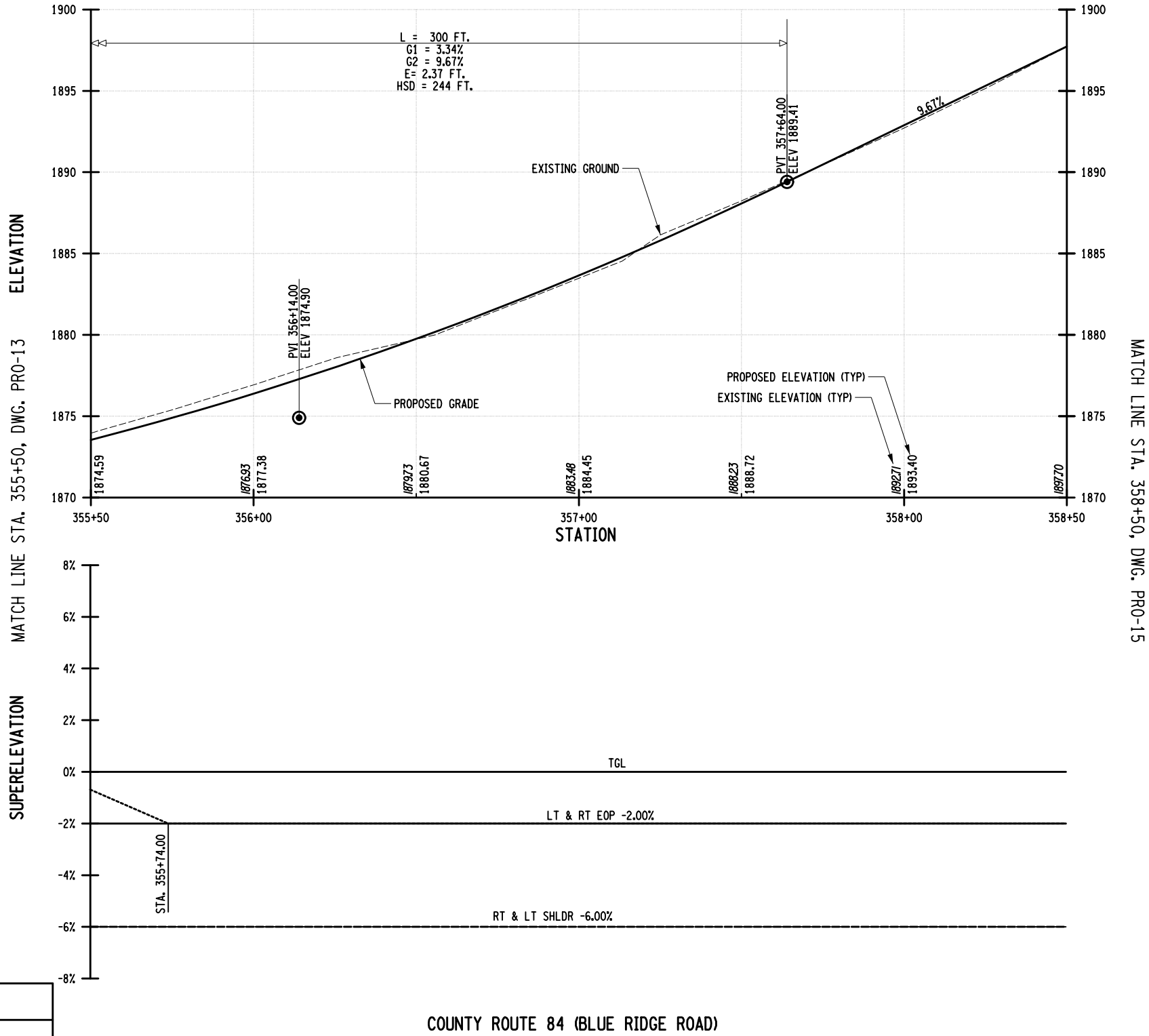
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DATE/TIME = 5/19/2016
USER = lbach



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

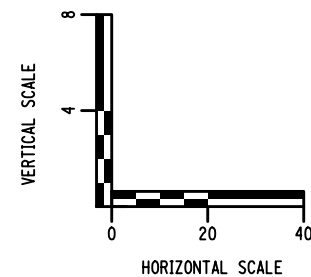
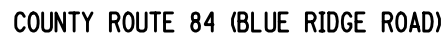
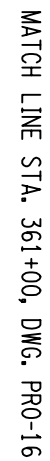
AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON:



ALTERED BY:
ON:



| | | | | | | |
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| 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 | | | | PROPOSED PROFILE | DRAWING NO. PRO-14 SHEET NO. 48 |
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| | | | | | | |
| | COUNTY: ESSEX | | | | | |
| 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 |



| | | | | | | |
|---|---|----------------------|--|----------|---|--|
| 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 | | | | PROPOSED PROFILE | DRAWING NO. PR0-15 SHEET NO. 49 |
| | | | | | | |
| | | | | | | |
| | 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_0ph_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

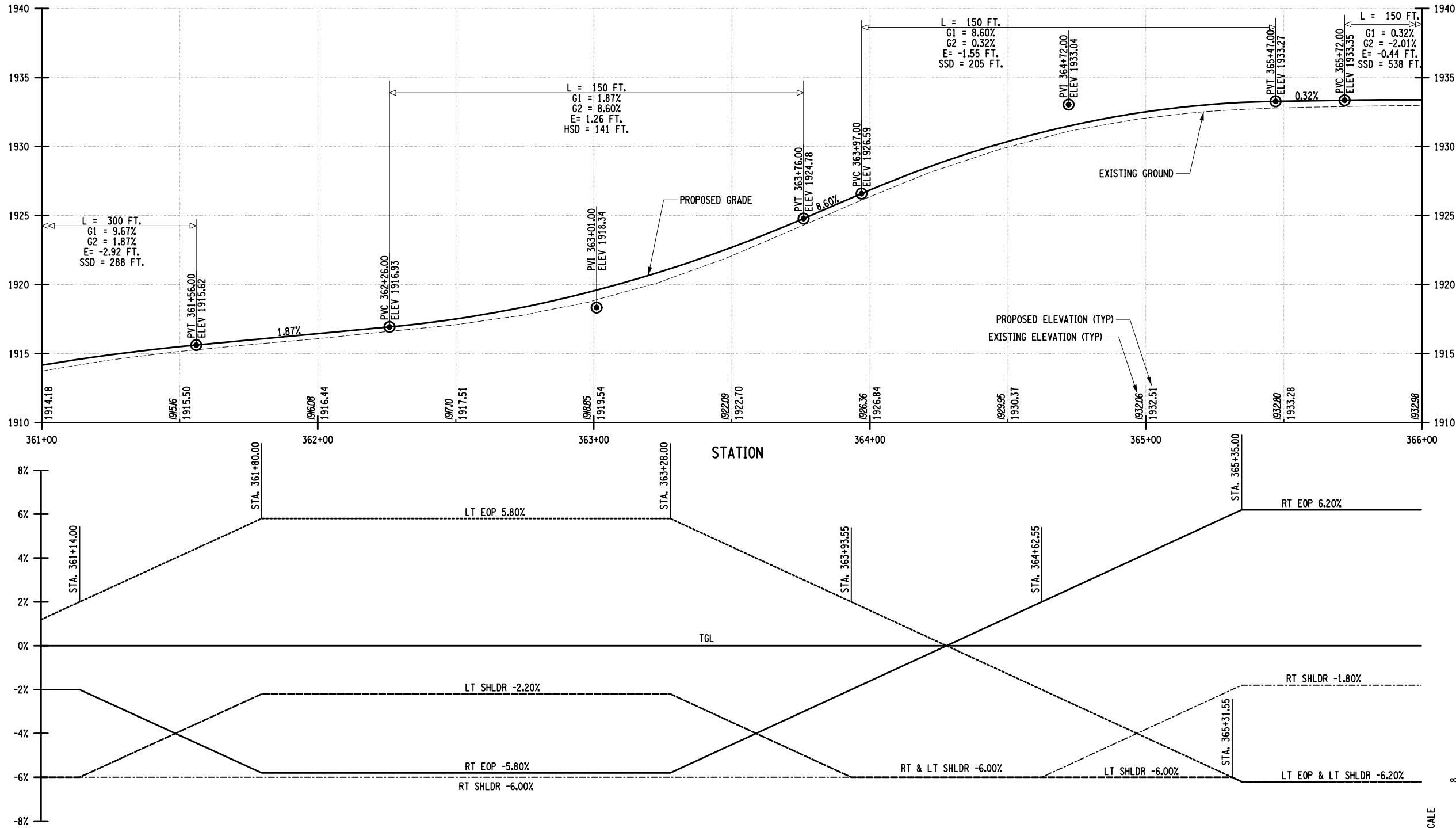
CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

MATCH LINE STA. 361+00, DWG. PRO-15

SUPERELEVATION

ELEVATION



MATCH LINE STA. 366+00, DWG. PRO-17

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

PROPOSED PROFILE

CONTRACT NUMBER
D034909

DRAWING NO. PRO-16
SHEET NO. 50

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

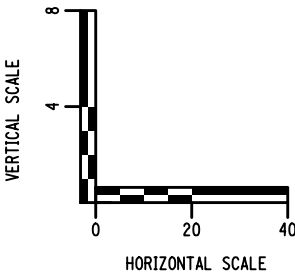
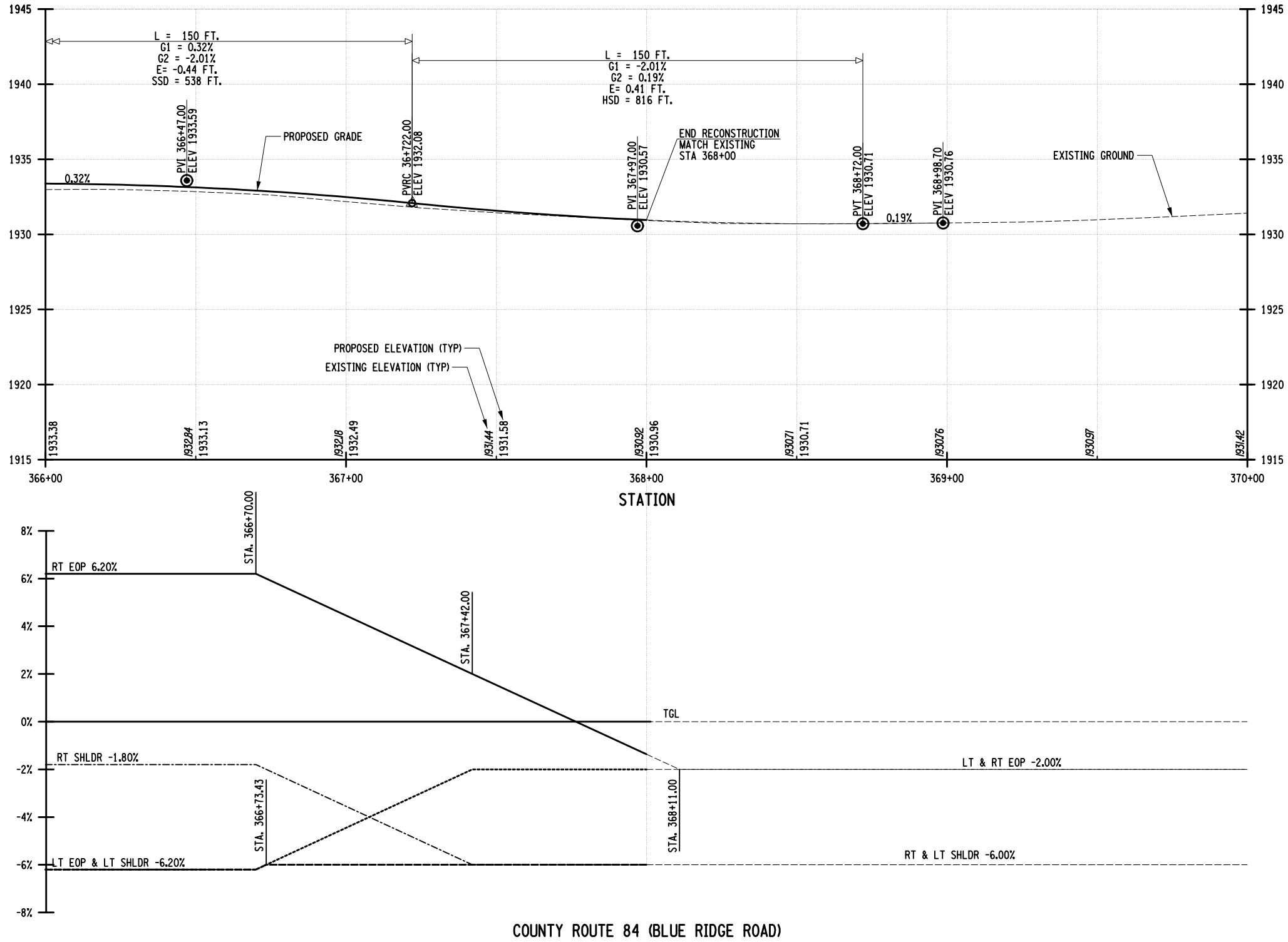
GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS

ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

FILE NAME = ...\\CADD\\175999_cph_pro-17.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

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



AFFIX SEAL: GREENMAN - PEDERSEN, INC
ON:

ALTERED BY:
ON:

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| AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS: | COUNTY ROUTE 84, BLUE RIDGE ROAD | PIN 1759.99 CR 84 | BRIDGES 3302660 3302650 3302670 | CULVERTS |
| | NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS | | | |
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| | 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_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

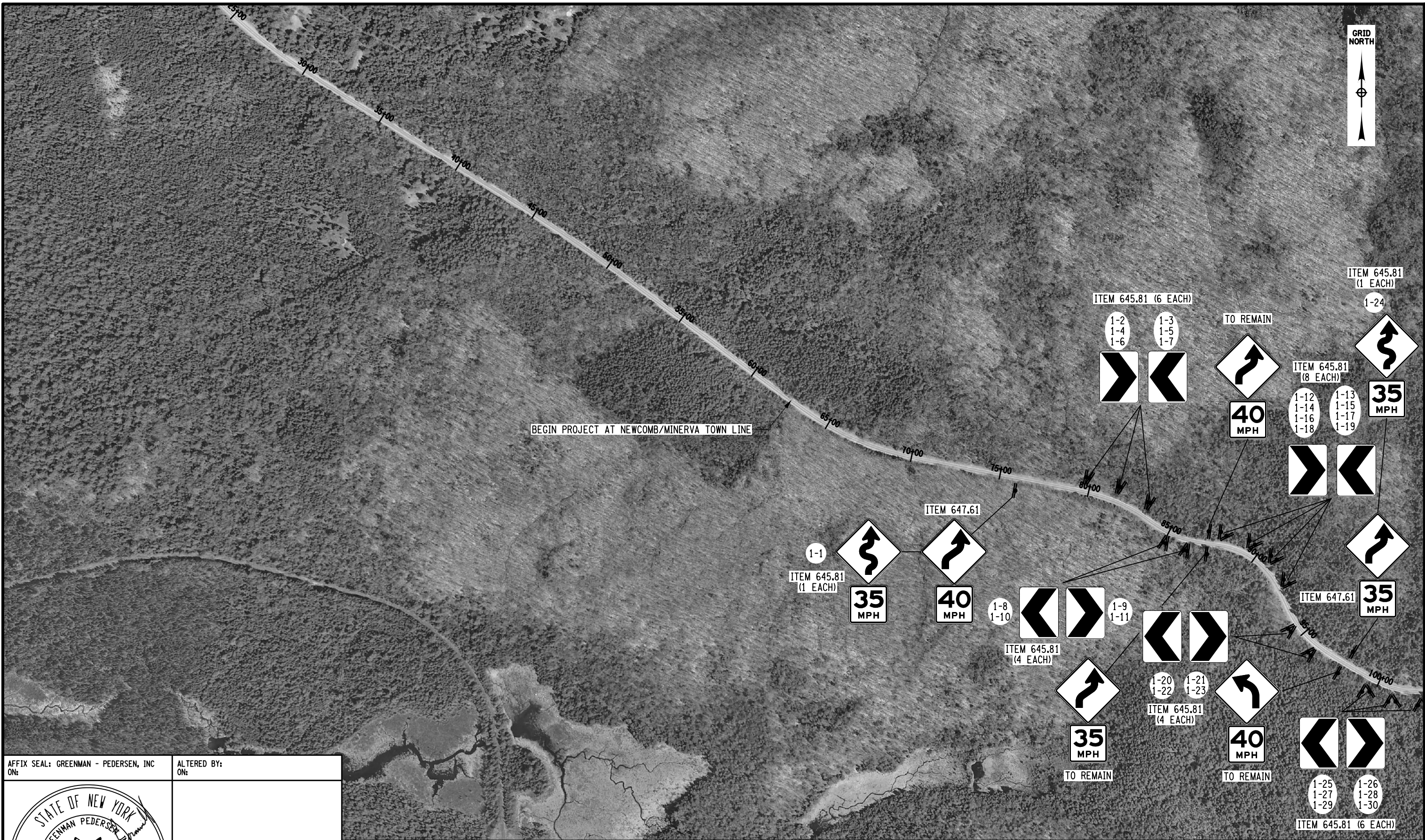
DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

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| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | | ALTERED BY: ON: | |
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| 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-1 SHEET NO. 52 |
| 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_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

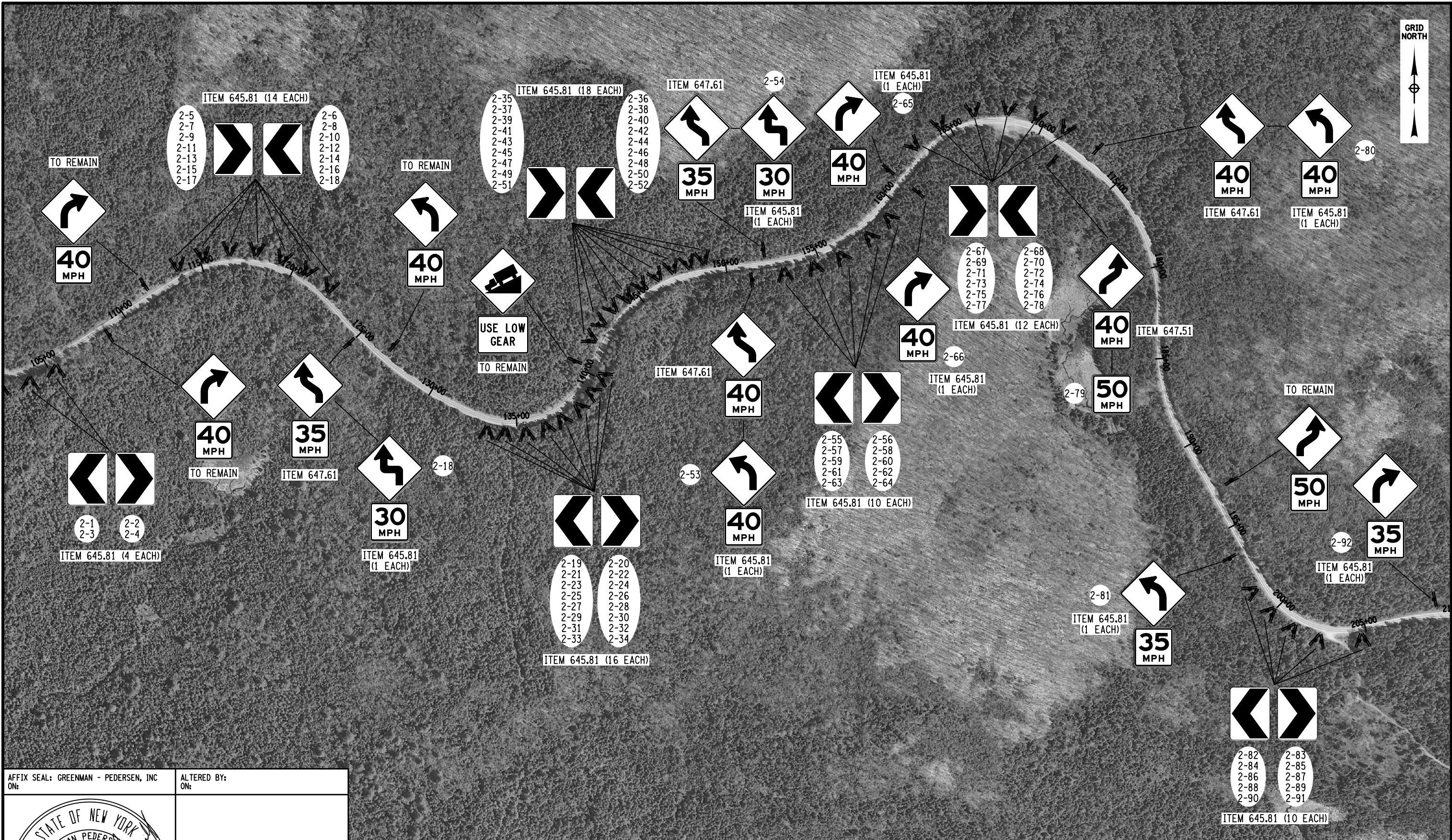
DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER

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| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | ALTERED BY: ON: |
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| 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-2 SHEET NO. 53 |
| 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. | | | | | | |



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USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

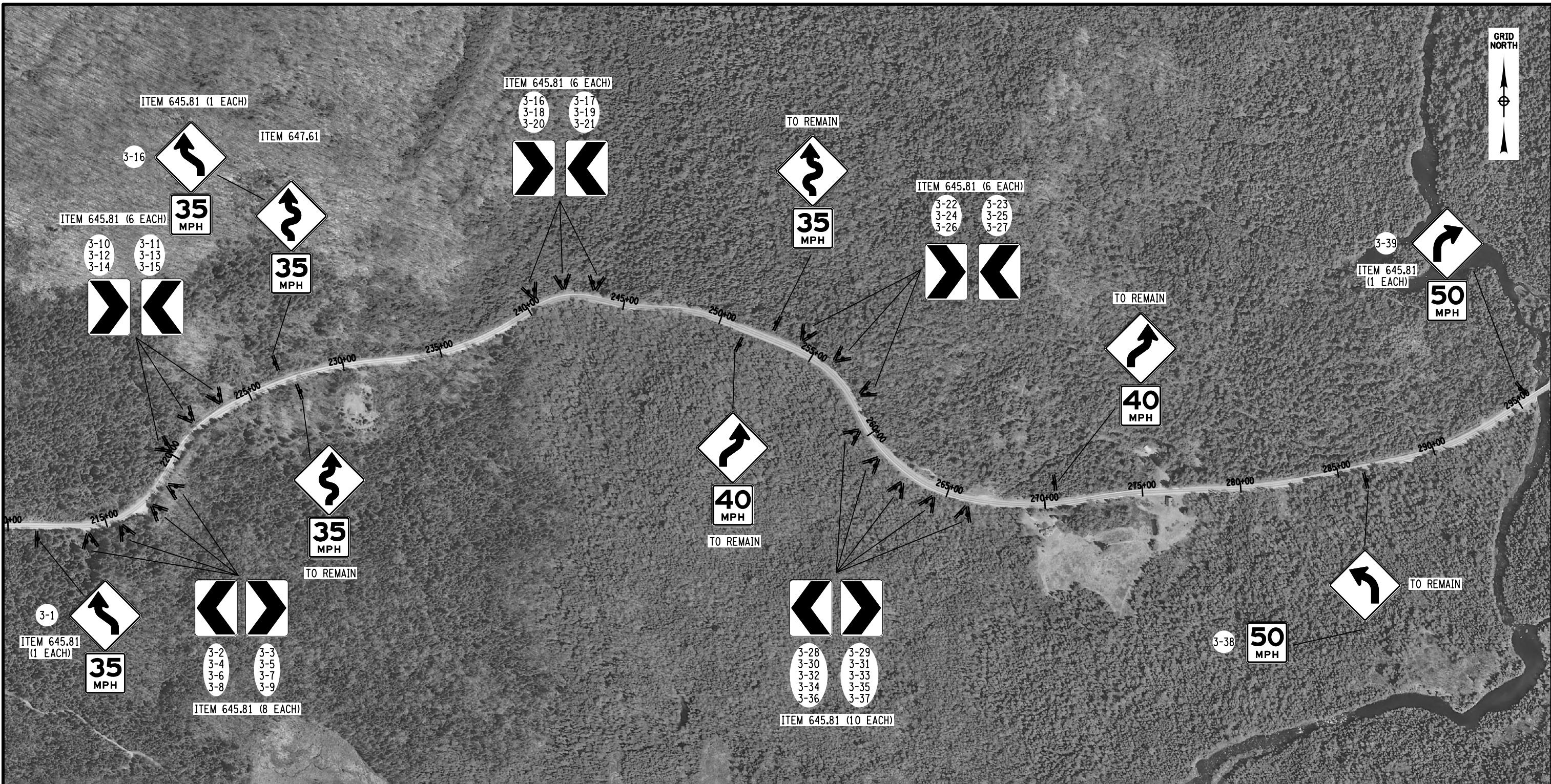
DESIGN L. BACH

CHECK E. SNYDER


DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER



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| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | | ALTERED BY: ON: | |
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| 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 | | | | SIGNING PLAN | DRAWING NO. SGP-3 SHEET NO. 54 |
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| | 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. | | | | | <div><div><div>GPI</div><div>GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS</div></div><div><div>ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS</div></div></div> | |

FILE NAME = ...\\CADD\\175999\\cph_sgp_04.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

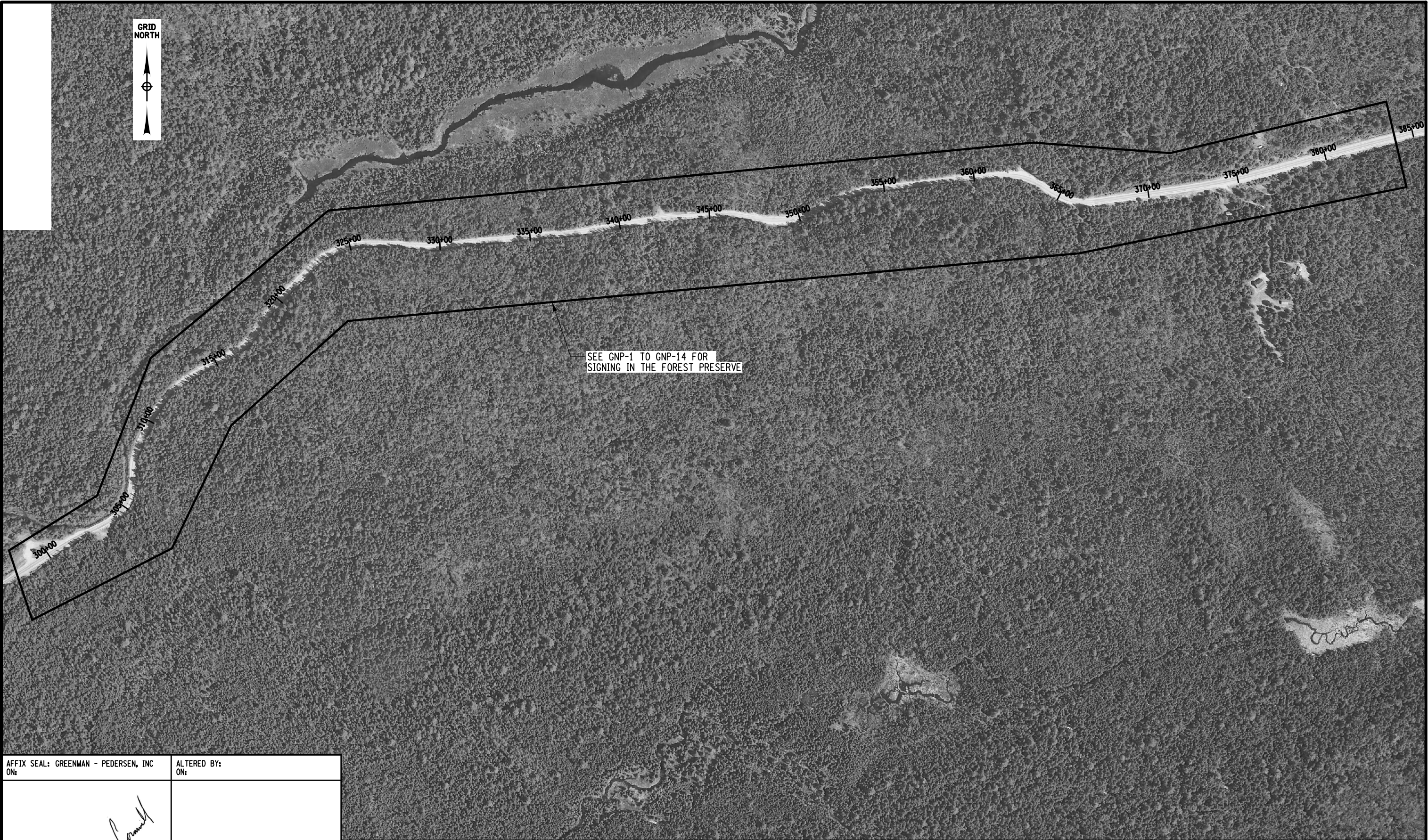
DESIGN L. BACH

CHECK E. SNYDER

DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER



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| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | ALTERED BY: ON: |
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|---|---|--|--|----------|---|--|
| 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 | | | | SIGNING PLAN | DRAWING NO. SGP-4 SHEET NO. 55 |
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| 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. | | | GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS | ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS |

FILE NAME = ...\\CADD\\175999_cph_sgp_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



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| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | ALTERED BY: ON: |
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| 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 | | | | SIGNING PLAN | DRAWING NO. SGP-5 SHEET NO. 56 | |
| IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. | | | | | 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

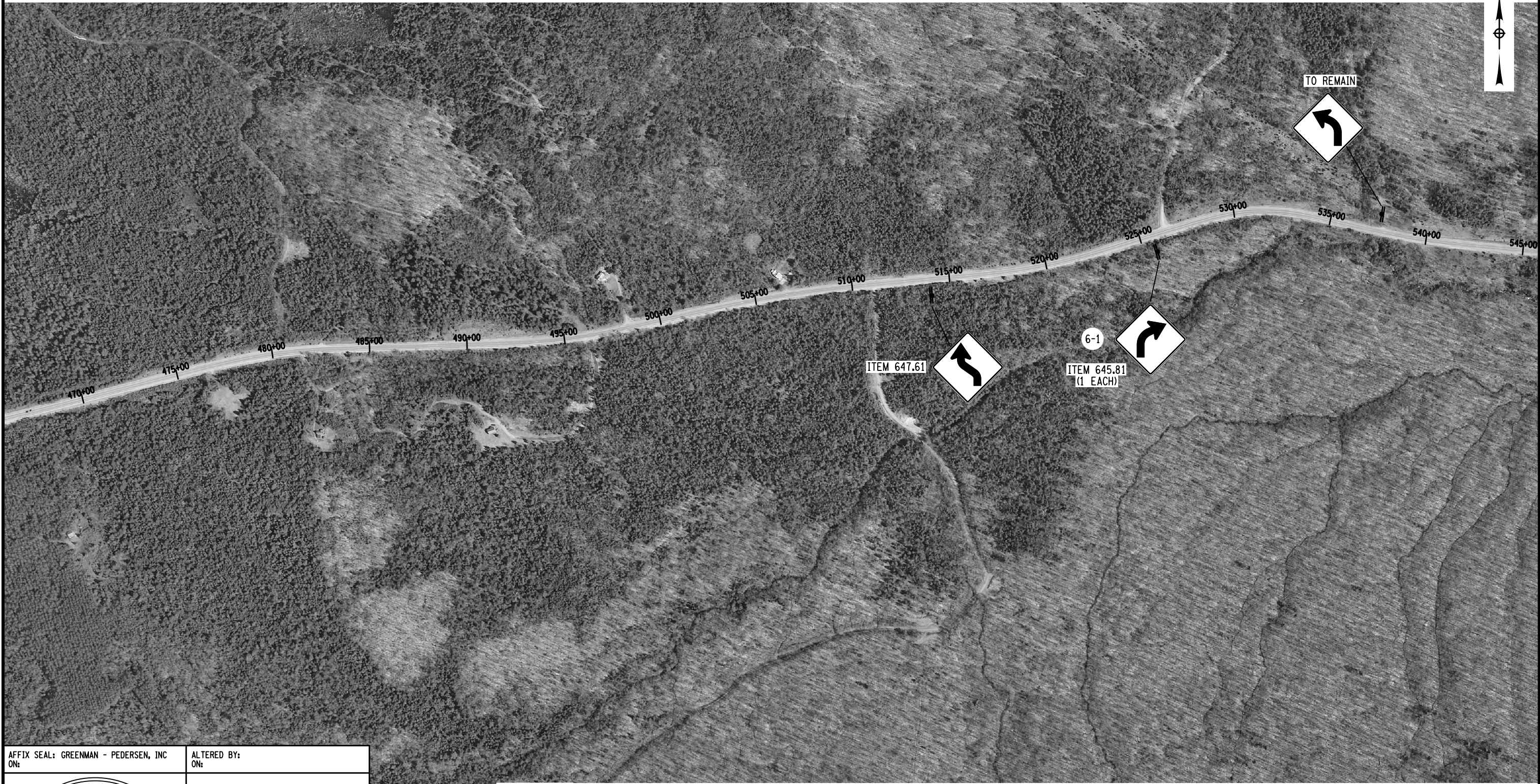
DESIGN L. BACH

CHECK E. SNYDER

DRAFTING L. BACH

CHECK E. SNYDER

PROJECT MANAGER E. SNYDER



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

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|--|---|----------------------|--|----------|---|---|--|
| 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-6 | |
| | | | | | | SHEET NO. 57 | |
| | 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. | | | | | | GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS | ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS |

FILE NAME = ...\\CADD\\175999\\cph_sgp_07.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 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 | | | | SIGNING PLAN | DRAWING NO. SGP-7 SHEET NO. 58 |
| | 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. | | | | |  GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS |  ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS |

FILE NAME = ...\\CADD\\175999_cph_sgp_08.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

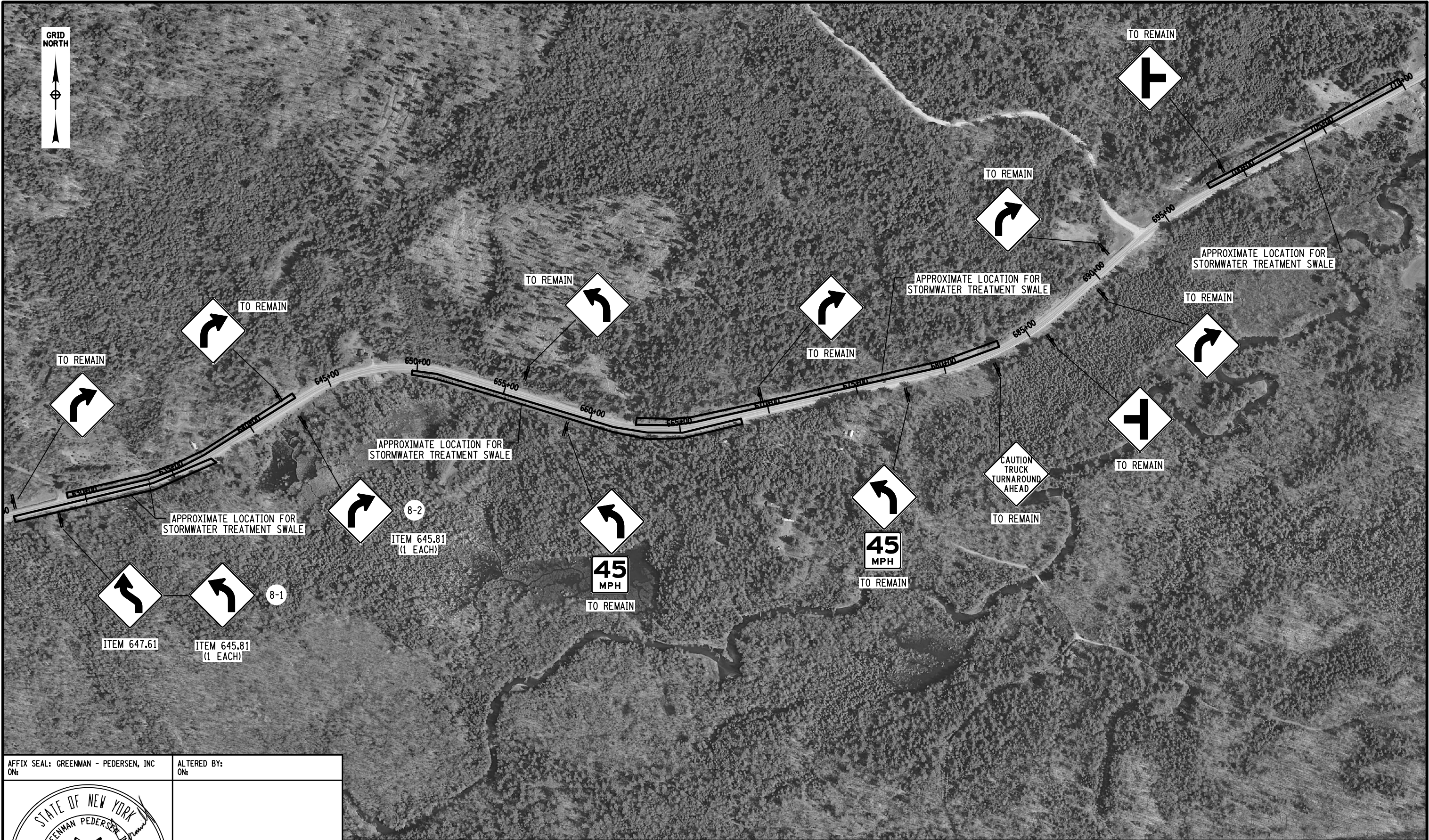
DESIGN L. BACH


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 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 | | | | SIGNING PLAN | DRAWING NO. SGP-8 SHEET NO. 59 |
| | | | | | | |
| | | | | | | |
| | 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. | | | | | <div><div><div><div><div></div><div>GPI</div></div><div>GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS</div></div><div>ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS</div></div></div> | |



| | | | | | | | | | | | |
|--|--|-----------------------------|--|---|-------------|---------|----------|--|----------------------------|---|--|
| AFFIX SEAL: GREENMAN - PEDERSEN, INC ON: | | ALTERED BY: ON: | | | | | | | | | |
|  | | AS-BUILT REVISIONS | | COUNTY ROUTE 84, BLUE RIDGE ROAD | PIN 1759.99 | BRIDGES | CULVERTS | ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED | CONTRACT NUMBER D034909 | | |
| | | DESCRIPTION OF ALTERATIONS: | | NEWCOMB/MINERVA TOWN LINE TO INTERSTATE 87 OVERPASS | CR 84 | 3302660 | | | | | |
| | | | | | | 3302650 | | | | | |
| | | | | | | 3302670 | | | | | |
| | | | | 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. | | | | | | | |  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 = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

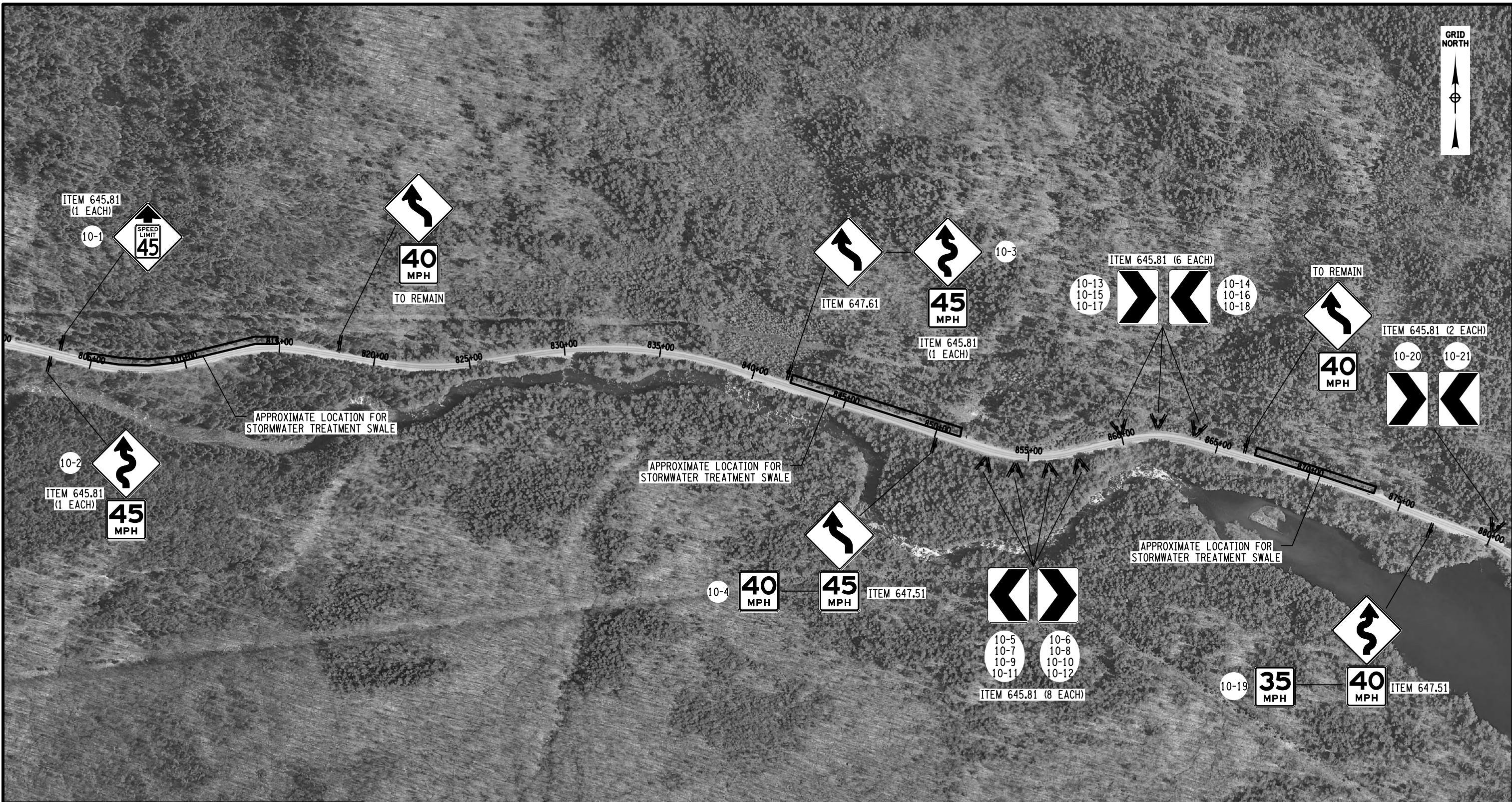
DESIGN L. BACH

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-10 SHEET NO. 61 |
| 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. | | | | | GPI GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS | |

FILE NAME = ...\\CADD\\175999_cph_sgp_11.dgn
DATE/TIME = 5/19/2016
USER = lbach

DESIGN SUPERVISOR C. CORNWELL

JOB MANAGER E. SNYDER

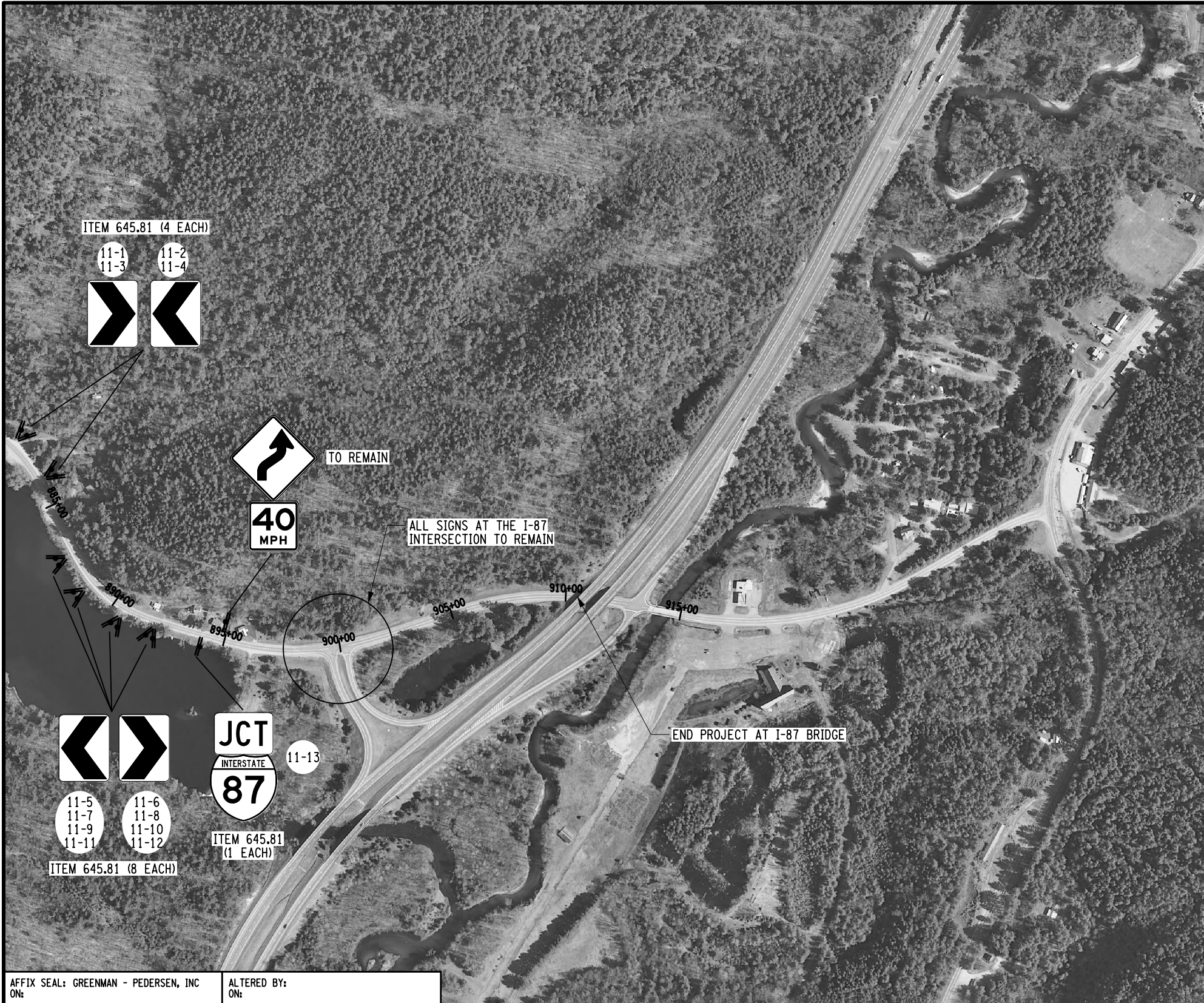
DESIGN L. BACH

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 |
| 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 |
| | | | SIGNING PLAN | DRAWING NO. SGP-11 SHEET NO. 62 |
| ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR AND A SPECIFIC DESCRIPTION OF THE ALTERATION. | | | 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_cph_sgt_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

| 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 |

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 |
| |
| |
| COUNTY: ESSEX REGION: 1 |

PIN 1759.99
CR 84

BRIDGES
3302660
3302650
3302670

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D034909

SIGN TABLES

DRAWING NO. SGT-1
SHEET NO. 63

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

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 |

FILE NAME = ...\\CADD\\175999, cph_sgt.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

| 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 | 129 |  | 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 SINGS 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.
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- LOCATION NUMBERS WITH A "G" INDICATE A SIGN ON SHEETS GNP-1 TO GNP-14.

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

SIGN TABLES

CONTRACT NUMBER
D034909


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.



GPI GREENMAN-PEDERSEN, INC.
CONSULTING ENGINEERS



ESSEX COUNTY
DEPARTMENT OF PUBLIC WORKS

| 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 | |
| | | 129 | | | | |

| 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 EXISTING 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 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 | | | | | |
| | | | | | ESTIMATE OF QUANTITIES | DRAWING NO. E0Q-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. | | | | |  GREENMAN-PEDERSEN, INC. CONSULTING ENGINEERS |  ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS |