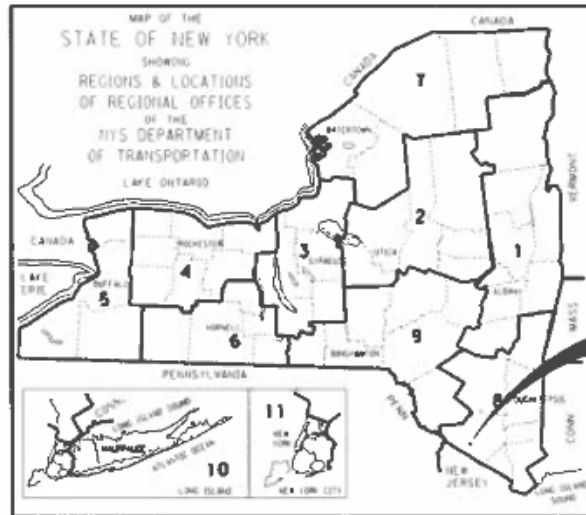




PROJECT LOCATION

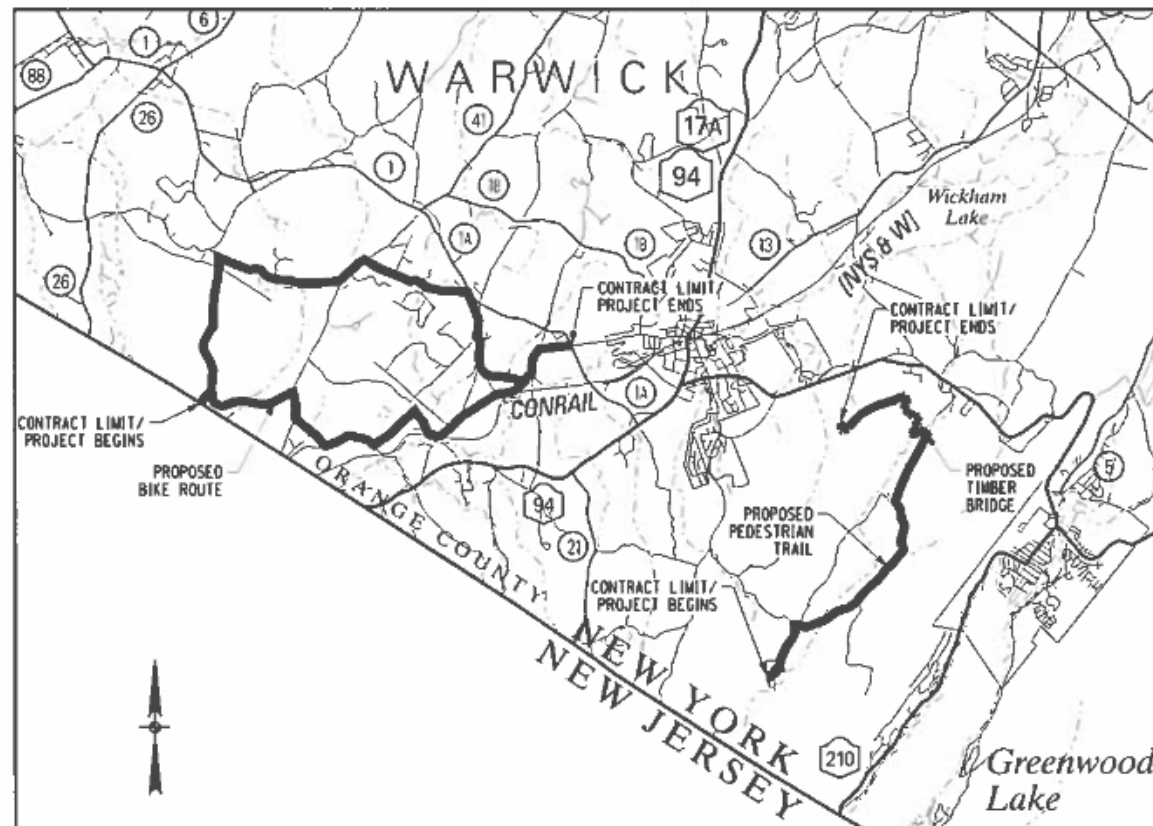


TOWN OF WARWICK BIKE ROUTE AND PEDESTRAIN TRAIL

F. A. PROJECT

ORANGE COUNTY

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



PROJECT LOCATION

THE PROJECT CONSISTS OF A BIKE LOOP STARTING AND ENDING AT THE MILLERS LANE/COVERED BRIDGE ROAD INTERSECTION WHICH TRAVERSES FIFTEEN LOCAL ROADS IN A 9.6 MILE LOOP. IT WILL CONNECT TO AN EXISTING BICYCLE ROUTE ALON PRICES SWITCH ROAD IN NEW JERSEY. IT WILL ALSO CONSIST OF PEDESTRIAN HIKING TRAIL BETWEEN THE APPALACHIAN TRAIL AND THE WARWICK COUNTY PARK THAT IS 4.9 MILES LONG. THE TRAIL HAS A TIMBER BRIDGE THAT WILL SPAN LONG HOUSE CREEK NEAR CASCADE ROAD.

APPROVED BY

Michael Sweeton
TOWN OF WARWICK SUPERVISOR
MICHAEL SWEETON

08/16/2023
DATE

THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, 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 (US 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 2/2/2020.

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.

Christopher M. West

08/16/2023

CHRISTOPHER MICHAEL WEST, P.E.
NYS LICENSE NO. 103427

DATE

LOCHNER

106 Isabella Street, Suite 501
Pittsburgh, Pennsylvania 15212



P.I.N. 8760.02		
BIKE ROUTE AND PEDESTRIAN TRIAL		
TOWN OF WARWICK		
COUNTY: ORANGE		REGION: 8
FED. ROAD REG. NO.	STATE	SHEET NO.
1	N.Y.	1
CAPITAL PROJECT IDENTIFICATION NO.		P.I.N. 8760.02
INDEX ON SHEET NO. 2		

ALIGNMENT	
ABBR.	DESCRIPTION
AH	AHEAD
AZ	AZIMUTH
BK	BACK
B	BASELINE
BRG	BEARING
C	CENTERLINE
CS	CURVE TO SPIRAL
e	SUPERELEVATION RATE (CROSS SLOPE)
EQ	EQUALITY
EXT	EXTERNAL
HCL	HORIZONTAL CONTROL LINE
HSD	HEADLIGHT SIGHT DISTANCE
L	LENGTH OF CIRCULAR CURVE
LS	LENGTH OF SPIRAL
LVC	LENGTH OF VERTICAL CURVE
E	CENTER CORRECTION OF VERTICAL CURVE
M	MAIN LINE
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
POL	POINT ON LINE
PSD	PASSING SIGHT DISTANCE
PT	POINT OF TANGENT
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
R	RADIUS
SC	SPIRAL TO CURVE
SSD	STOPPING SIGHT DISTANCE
ST	SPIRAL TO TANGENT
STA	STATION
T	TANGENT LENGTH
TGL	THEORETICAL GRADE LINE
TS	TANGENT TO SPIRAL
VC	VERTICAL CURVE
TOPOGRAPHY (DRAINAGE)	
ABBR.	DESCRIPTION
BB	BOTTOM OF BANK (STREAM)
BC	BOTTOM OF CURB
BO	BOTTOM OF OPENING
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
CIP	CAST IRON PIPE
C STRM	CENTERLINE OF STREAM
CMP	CORRUGATED METAL PIPE
CP	CONCRETE PIPE
CSP	CORRUGATED STEEL PIPE
CULV	CULVERT
DIA	DIAMETER
DMH	DRAINAGE MANHOLE
DS	DRAINAGE STRUCTURE PIPE
D'XING	DITCH CROSSING
EHW	EXTREME HIGH WATER
EL	ELEVATION
ELEV	ELEVATION
ELW	EXTREME LOW WATER
ES	END SECTION
HW	HEADWALL
INV	INVERT
MH	MANHOLE
MHW	MEAN HIGH WATER
OHW	ORDINARY HIGH WATER
OLW	ORDINARY LOW WATER
RCP	REINFORCED CONCRETE PIPE
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
TB	TOP OF BANK (STREAM)
TC	TOP OF CURB
TG	TOP OF GRATE
VCP	VITRIFIED CLAY PIPE

STANDARD SYMBOL (PLANS)	ITEM PAYMENT UNIT; ESTIMATE OF QUANTITIES SHEET	EQUIVALENT NOMENCLATURE; (SPECS/PROPOSAL)
"	-	INCHES
'	LF	LINEAR FEET
mi	MI	MILES
ft²	SF	SQUARE FEET
YD²	SY	SQUARE YARD
AC	AC	ACRES
YD³	CY	CUBIC YARD
GAL	GAL	GALLON
lb	LB	POUND
TON	TON	TON

INDEX		TOTAL NUMBER OF SHEETS: 39
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
1	TITLE SHEET	COVER
2	INDEX AND ABBREVIATIONS	INDEX
3-4	LEGEND, LINE AND POINT SYMBOLOGY	LEG-1 TO LEG-2
5-6	GENERAL NOTES	GNN-1 TO GNN-2
7	WORK ZONE TRAFFIC CONTROL NOTES	TCP-1
8	MAINTENANCE JURISDICTION	MJP-1
9-12	TYPICAL SECTIONS	TYP-1 TO TYP-4
13	MISCELLANEOUS TABLES	MST-1
14-19	MISCELLANEOUS DETAILS	MSD-1 TO MSD-6
20-21	GENERAL PLANS	GNP-1 TO GNP-2
22-30	PROFILES	PRO-1 TO PRO-9
31-32	SIGNING PLANS	SGP-1 TO SGP-2
33	SIGN TEXT DATA	STD-1
34-39	BRIDGE PLANS	ST-1 TO ST-6

STANDARD SHEETS

203-01 619-01 645-01
203-02 619-02 645-03
209-01 619-04 645-07
209-02 619-10 645-09
209-03 619-11 645-10
209-05 619-12 645-11
209-06 619-20 645-11
209-07 619-21

	PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
	PS&E DATE			BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. INDEX
TOWN OF WARWICK	2020			INDEX AND ABBREVIATIONS	SHEET NO. 2
COUNTY: ORANGE				TOWN OF WARWICK DOCUMENT NAME: 876002_02_cph_ind.01.dgn	LOCHNER

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.

	PIN 8760.02 PS&E DATE 2020	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER
TOWN OF WARWICK				BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. LEG-1 SHEET NO. 3
COUNTY: ORANGE				LEGEND - LINE SYMBOLOGY	
				TOWN OF WARWICK DOCUMENT NAME: 876002_03_cph_leg_01.dgn	LOCHNER

ALIGNMENT			DRAINAGE			ITS			ROW MAPPING			SIGNS			UTILITIES		
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION
	ACC	CENTER OF CURVATURE		DINV	INVERT		IANT P	ANTENNAS		MDL1P	DEED LINE, TYPE 1		S	SINGLE POST		UEB	ELECTRIC, BOX
	ACOGO	COGO		DS	STRUCTURE, RECTANGULAR		IASCTS	ACCOU. SPEED/COUNT SNSR.S		MDL2P	DEED LINE, TYPE 2		S.P	SINGLE POST, PROPOSED		UEM	ELECTRIC, METER
	ACS	CURVE TO SPIRAL		DSI	STRUCTURE, INVERT		ICABPAD	CABINET & PAD		MDL3P	DEED LINE, TYPE 3		SB.P	BACK TO BACK, PROPOSED		UEMH	ELECTRIC, MANHOLE
	ADPL.P	DETOUR, POINT OF INTERSECT.		DSM	STRUCTURE, MANHOLE		ICCTV	CCTV SITE		MDL4P	DEED LINE, TYPE 4		SDEL	DELINEATORS		UEPT	ELECTRIC, POLE, TRANS.
	ADPL.P	DETOUR, POINT ON LINE		DSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96		ICDPD	CDPD TRANSCEIVER		MDL5P	DEED LINE, TYPE 5		SPM	PARKING METER		UGM	GAS, METER
	AEQN	EQUATION		DSR	STRUCTURE, ROUND		ICELLT	CELL PHONE TOWER		MEEP	EASEMENT, EXISTING		SRM	REFERENCE MARKERS		UGMH	GAS, MANHOLE
	AEQNAHD	EQUATION AHEAD		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICJB	CONDUIT JACK OR BORING		MEPAP.P	EASEMENT, PERM., APPROX.		SRSC3	SHLD, CTY, 123 DIG.		UGLM	GAS, LINE MARKER
	AEQNBK	EQUATION BACK		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICNTLCAB	CONTROLLER CABINET		MEPP.P	EASEMENT, PERM., BACK LINE		SRSC4	SHLD, CTY, 4 DIG.		UGP	GAS/FUEL PUMP
	AEVT	EVENT STATION		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICPB	COMMUNICATION PULL BOX		MEPSP.P	EASEMENT, PERM., SHAPE		SRSCT2	SHLD, CTY TOUR, 1-2 DIG.		UGV	GAS, VALVE
	APC	POINT OF CURVATURE		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICTD	CONDUIT TURNING DOWN		MFAP.P	FEE ACQUISITION, APPROX.		SRSCT4	SHLD, CTY TOUR, 3-4 DIG.		UGVT	GAS, VENT
	APCC	POINT OF COMPOUND CURVATURE		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICTU	CONDUIT TURNING UP		MFP.P	FEE ACQUISITION, BACK LINE		SRSI	SHLD, INTERSTATE		ULP	LIGHTING, POLE
	API	POINT OF INTERSECTION	ENVIRONMENTAL				ICVTRT	COMM. VEH. ROAD TRANSCEIVER		MFSP.P	FEE ACQUISITION, SHAPE		SRSN2	SHLD, NATIONAL, 2 DIG.		ULPM	LIGHTING, POLE, MEDIAN
	APOB	POINT OF BEGINNING	ENVIRONMENTAL				IDEFAULT	DEFAULT		MHBAP	HIGHWAY BNDRY., APPROX.		SRSN3	SHLD, NATIONAL, 3 DIG.		ULPP	LIGHTING, POLE, PED.
	APOC	POINT OF CURVATURE		EIOP.P	STR., INLET, OUTLET PROT.		IEZR	E-ZPASS READER		MHBCP	HISTORICAL, BLDG. CORNERS		SRSS2	SHLD, STATE, 2 DIG.		UMFC	MISC. FILLER CAP
	APOE	POINT OF END		EIPGB.P	STR., INLET PROT., GRAVEL BAG		IEZTR	TRANSMITTAL READER		MHBP	HIGHWAY BNDRY, PT.		SRSS3	SHLD, STATE, 3 DIG.		UOLM	OIL, LINE MARKER
	APOL	POINT ON LINE		EIPHS.P	STR., INLET PROT., HAY/STRAW		IFOXCAB	FIBER OPTIC X-CONNECT CABINET		MJCP	PT., JURIS. CITY		SRSS4	SHLD, STATE, 4 DIG.		UP	POLE, WITH UTILITY
	APOS	POINT ON SPIRAL		EIPHS.P	STR., INLET PROT., HAY/STRAW		IFUSSPL	FUSION SPLICE		MPBC	PT., BUILDING CORNER	TRAFFIC CONTROL				UPD	POLE, DEAD (NO UTILITY)
	APOT	POINT ON TANGENT		EIPP.P	STR., INLET PROT., PREFAB.		IHARADV	HAR ADVISORY SIGN		MPCC	PT., CROSS CUT		TCBJ	BOX, JUNCTION		UPL	POLE, WITH LIGHT
	APOVC	POINT ON VERTICAL CURVE		EIPSF.P	STR., INLET PROT., SILT FENCE		IHARST	HAR SITE		MPDH	PT., DRILL HOLE		TCBP	BOX, PULL BOX		USMH	SANITARY SEWER MANHOLE
	APOVT	POINT ON VERTICAL TANGENT		EIPSF.P	STR., INLET PROT., SILT FENCE		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					TCMC	MICROCOMPUTER CABINET		UTLM	TELEPHONE, LINE MARKER
	APT	POINT OF TANGENCY		ETRS.P	TRAP, SEDIMENT		IMSCS	PORT. SPEED & COUNT SENSOR					TCPP	PED POLE		UTMH	TELEPHONE, MANHOLE
	APVC	POINT OF VERTICAL CURVATURE		EWFG	WETLAND FLAG		IMSCTS	MICRO SPEED & COUNT SENSOR					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	LANDSCAPE				IPEDS	PEDESTRIAN SIGNAL HEAD		MPSP	PT., SPIKE		TWZAPC.P	ARROW PANEL, CAUTION MODE		UUPB	UNKNOWN, PULL BOX
	ASC	SPIRAL TO CURVE	LANDSCAPE				IPSS	PAVEMENT SURFACE SENSOR		MPST	PT., STAKE		TWZAPT.P	ARROW PANEL, TRAILER OR SUPPORT		UUVL	UNKNOWN, VALVE
	ASPI	SPIRAL POINT OF INTERSECTION		LFP	FLAG POLE		IPVMS	PERM. VMS		MPTW	PT., TREE W/ WIRE		TWZBCD.P	BARRICADE (TYPE III)		UUVT	UNKNOWN, VENT
	ASTS	SPIRAL TO SPIRAL		LMB	MAILBOX		IRM	RAMP METER		MPWL	PT., WALL LOCATION		TWZCMS.P	CHANGEABLE MESSAGE SIGN (PVMS)		UJW	UNKNOWN, WELL
	AST	SPIRAL TO TANGENT		LPB	PAPER BOX		IRWIS	RDWY WEATHER INFO. SENSOR	ROW ACQUISITION				TWZFLG.P	FLAGGER		UWFH	WATER, FIRE HYDRANT
	ATS	TANGENT TO SPIRAL		LPST	POST, SINGLE		ISP	SOLAR PANEL		MFS.P.T	FEE ACQUISITION		TWZFT.P	FLAG TREE		UWM	WATER, METER
	AVEVT	VERTICAL EVENT POINT		LRB	ROCK, BOULDER		ISST	SPREAD SPECT. TRANSCEIVER		MEPS.P.T	EASEMENT, PERMANENT		TWZIA.P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)		UWMH	WATER, MANHOLE
	AVHIGH	VERTICAL HIGH POINT		LSHC	SHRUB, CONIFEROUS		ITDB	TELEPHONE DEMARCATION BLK		METS.P.T	EASEMENT, TEMPORARY		TWZLUM.P	LUMINAIRE (TEMPORARY)		UVV	WATER, VALVE
	AVLOW	VERTICAL LOW POINT		LSHD	SHRUB, DECIDUOUS		ITP	SUBSURFACE TEMP. PROBE		METS.P.T	OCCUPANCY, TEMPORARY		TWZSDT.P	SYMBOL, DIRECTION OF TRAFFIC		UWV	WATER, VALVE
BRIDGE				LTC	TREE, CONIFEROUS		IVTRT	VEHICLE TO RDWY TRANSCEIVER		METS.P.T	OCCUPANCY, TEMPORARY		TWZSDTD.P	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR		UWV	WATER, VALVE
	BSC	BRIDGE, SCUPPER		LTD	TREE, DECIDUOUS		IWIND	WEIGHT IN MOTION DETECTOR		MFS.P.T	FEE ACQUISITION W/O ACCESS		TWZSGN.P	SIGN (TEMPORARY)		UWV	WATER, VALVE
CONTROL				LTS	TREE, STUMP		IWVR	WIRELESS VIDEO REPEATER	ROADWAY				TWZSIG.P	SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY)		UWV	WATER, VALVE
	CBP	BASELINE, POINT		LTW P	TREE, WELL OR WALL		IWVRC	WIRELESS VIDEO RECEIVER		RES P	ELEVATION, SPOT		TWZWV.P	WORK VEHICLE		UWV	WATER, VALVE
	CBPOL	BASELINE, POINT ON LINE		LUKP	UNKNOWN POINT		IWVTT	WIRELESS VIDEO TRANSMITTER		RGA	GUIDE RAIL, ANCHOR		TWZWVA.P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR		UWV	WATER, VALVE
	CBSP	BASELINE, SPUR POINT	1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED). 2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.). 3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES. 4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.015 in ON B SIZE DRAWINGS). 5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS. 6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.														
	CBTP	BASELINE, TIE POINT															
	CPBM	BENCHMARK															
	CPH	POINT, HORIZ. PHOTOGRAMMETRY															
	CPSM	POINT, SURVEY MARKER, PERM.															
	CPSV	POINT, VERT., PHOTOGRAMMETRY															

		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE			BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. LEG-2
TOWN OF WARWICK		2020			LEGEND - POINT SYMBOLOGY	SHEET NO. 4
COUNTY: ORANGE						
					TOWN OF WARWICK DOCUMENT NAME: 876002_04_cph_leg_02.dgn	LOCHNER

GENERAL NOTES:

DEFINITION

THE WORDS "SHALL", "SHOULD", AND "MAY", AS USED IN THE CONTRACT DOCUMENTS, HAVE THE FOLLOWING MEANINGS:

- SHALL - A MANDATORY CONDITION. IN THE DESIGN, APPLICATION, OR LOCATION OF DEVICES, REQUIREMENTS HAVING "SHALL" STIPULATIONS ARE MANDATORY. NO DISCRETION IN FOLLOWING THEM IS ALLOWED.
- SHOULD - AN ADVISORY CONDITION. WHERE "SHOULD" IS USED IN RELATION TO A PROVISION, THAT PROVISION IS RECOMMENDED, AND NORMALLY IS TO BE FOLLOWED, BUT IS NOT MANDATORY. DEVIATION FROM SUCH PROVISIONS IS PERMISSIBLE IF, AND TO THE EXTENT THERE IS JUSTIFIABLE CAUSE TO DO SO.
- MAY - A PERMISSIVE CONDITION. NO REQUIREMENT FOR DESIGN OR APPLICATION IS INTENDED.

DRAINAGE FACILITIES

THE CONTRACTOR SHALL BECOME FAMILIARIZED WITH DRAINAGE CHARACTERISTICS OF THE AREA SO THAT HE MAY PROGRESS HIS WORK EFFICIENTLY WITH FULL KNOWLEDGE OF THE POTENTIAL DRAINAGE PROBLEMS.

ALL DRAINAGE SYSTEMS, INCLUDING DITCHES, PIPES AND DRAINAGE STRUCTURES, WITHIN THE CONTRACT LIMITS SHALL BE KEPT CLEAN AND FREE FLOWING FOR THE DURATION OF THE CONTRACT, AOE. NO PAYMENT WILL BE MADE FOR REQUIRED CLEANING OF NEW DRAINAGE. NO PAYMENT WILL BE MADE FOR REQUIRED CLEANING OF NEW DRAINAGE FACILITIES INSTALLED AS PART OF THIS CONTRACT.

RESTORING DISTURBED AREAS

THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO A CONDITION APPROVED BY THE ENGINEER, REQUIRED BY SECTION 107-08 PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE.

SIGNS

WHEN A NEW SIGN IS INSTALLED TO REPLACE AN EXISTING SIGN, THE EXISTING SIGN SHALL BE IMMEDIATELY REMOVED UPON COMPLETION OF THE NEW SIGN INSTALLATION. ALL SIGNS SHALL BE LOCATED IN ACCORDANCE WITH THE M.U.T.C.D. AND THE NEW YORK SUPPLEMENT TO THE M.U.T.C.D..

GROUND MOUNTED SIGN PANELS INSTALLED OR RELOCATED UNDER THIS CONTRACT SHALL MEET THE FOLLOWING MOUNTING HEIGHT CRITERIA WHICH MEET OR EXCEED THE REQUIREMENTS SHOWN ON STANDARD SHEET 645-03 AND 645-10:

THE VERTICAL DISTANCE FROM EDGE OF TRAVEL LANE TO BOTTOM OF ALL PRIMARY SIGN PANELS SHALL BE 5'-0" MINIMUM.

IN ADDITION, THE 7'-0" MINIMUM GROUND CLEARANCE REQUIREMENT FOR POSTS TYPES NOTED ON STANDARD SHEET 645-03 AND SHOWN ON STANDARD SHEET 645-10 STILL APPLIES.

THE CONTRACTOR SHALL TAKE THE ABOVE REQUIREMENTS INTO ACCOUNT WHEN BIDDING ALL AFFECTED SIGN POST ITEMS.

QUALITY LEVELS OF SUBSURFACE UTILITY FACILITY INFORMATION

FOUR SEPARATE QUALITY LEVELS OF SUBSURFACE UTILITY FACILITY INFORMATION ARE GENERALLY RECOGNIZED AND ARE AS FOLLOWS:

- QUALITY LEVEL A (QLA): 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 SUBSURFACE UTILITIES, USING (TYPICALLY) MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO DETERMINE THEIR PRECISE HORIZONTAL AND VERTICAL POSITIONS, AS WELL AS THEIR OTHER UTILITY FACILITY ATTRIBUTES. (SHOWN AS QLA)
- QUALITY LEVEL B (QLB): 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 (QLC): 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 JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION. (SHOWN AS QLC)
- QUALITY LEVEL D (QLD): QUALITY LEVEL D IS THE LOWEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS WAS DERIVED SOLELY FROM EXISTING NYSDOT AND/OR UTILITY COMPANY RECORDS OR RECOLLECTIONS. (SHOWN AS QLD)

GENERAL SOIL EROSION AND SEDIMENT CONTROL NOTES:

- THE CONTRACTOR WILL BE REQUIRED TO PERFORM ALL CONSTRUCTION OPERATIONS IN A MANNER SO AS TO MINIMIZE SOIL EROSION AND ENSURE SEDIMENT CONTROL. EROSION CONTROL MEASURES ARE ITEMS AND ACTIONS THAT MINIMIZE THE LOSS OF SOIL DUE TO THE DESTRUCTIVE EFFECTS OF WIND AND WATER ON SURFACE SOIL. SEDIMENT CONTROL MEASURES ARE ITEMS OR ACTIONS USED TO MINIMIZE SUSPENDED SOLID MATERIAL TRANSPORT BY WATER. EFFECTIVE SOIL EROSION AND SEDIMENT CONTROL CAN BE ACCOMPLISHED BY LIMITING THE AREA OF UNPROTECTED SOIL. PROTECTED IS DEFINED AS HAVING TEMPORARY OR PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE. PERIMETER SEDIMENT CONTROL MEASURES ALONE ARE NOT CONSIDERED ADEQUATE PROTECTION.
- THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. THESE PLANS REFLECT THE PROVISIONS AND REQUIREMENTS OF SAID PERMIT(S). PERMIT(S) WILL BE AVAILABLE FROM THE E.I.C. PRIOR TO THE START OF CONSTRUCTION.
- ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT DIRECT OR INDIRECT CONTAMINATION OF ALL WATER BODIES (INCLUDING WETLANDS) BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATER BODIES (INCLUDING WETLANDS), NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATER BODIES (INCLUDING WETLANDS).
- ANY DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE BED AND BANKS OF ALL WATER BODIES (INCLUDING WETLANDS) AND SHALL BE DISPOSED OF AWAY FROM WETLANDS, WATER COURSES, OR OTHER BODIES OF WATER.
- ALL DREDGED AND EXCAVATED MATERIAL SHALL BE DISPOSED OF AND BE PROTECTED SO THAT IT CAN NOT DIRECTLY OR INDIRECTLY RE-ENTER ANY WATER BODY OR WETLAND AREA. ALL DE-WATERING OPERATIONS INVOLVING TURBID WATER SHALL BE ACCOMPLISHED BY PUMPING TO A VEGETATED AREA (NOT INCLUDING WETLANDS) OR TO A SEDIMENT TRAP, OR A MANUFACTURED SEDIMENT CONTROL SYSTEM. WHEN THE WATER BEING DISCHARGED IS AS FREE AND CLEAR OF SEDIMENT AS THE ADJACENT STREAM OR WATER BODY, THE WATER CAN BE PUMPED DIRECTLY INTO THE STREAM OR WATERBODY. DE-WATERING OPERATIONS OF TURBID WATER SHALL NOT DIRECTLY OR INDIRECTLY DISCHARGE TO ANY WATER BODIES (INCLUDING WETLANDS). LOCATIONS AND DESIGNS NOT SHOWN ON THE PLANS SHALL BE APPROVED BY THE ENGINEER-IN-CHARGE.
- A VISUAL INSPECTION OF SOIL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE PERFORMED ON A BI-WEEKLY BASIS OR AFTER EVERY STORM EVENT OF 1/2 INCH OR GREATER PRECIPITATION OR AS DIRECTED BY THE EIC. REPAIRS SHALL BE MADE WITHIN 72 HOURS AS NEEDED AND SEDIMENT SHALL BE REMOVED WHEN THE STORAGE VOLUME OF AN EROSION CONTROL MEASURE IS APPROACHING ONE HALF OF ITS INTENDED CAPACITY OR A.O.B.E.
- THE CONTRACTOR SHALL HAVE THE EQUIPMENT AND ABILITY ON SITE TO STABILIZE DISTURBED AREAS ON THE SAME DAY IN THE EVENT OF INCLEMENT WEATHER.
- ALL EROSION CONTROLS SHALL BE PLACED PRIOR TO STARTING EARTHWORK OPERATIONS AND SHALL REMAIN IN PLACE UNTIL THE NEW SLOPES ARE STABILIZED WITH SEEDING AND/OR SLOPE PROTECTION.
- TEMPORARY STOCKPILES OF SOIL SHALL BE PROTECTED AS PER THE SOIL EROSION AND SEDIMENT CONTROL DETAILS. AT A MINIMUM TEMPORARY STOCKPILES SHALL BE RINGED WITH SILT FENCE. STOCKPILES AND AREA OF STOCKPILES LEFT INACTIVE FOR LONGER THAN 7 DAYS SHALL HAVE TEMPORARY SEED AND MULCH APPLIED OR BE COVERED IN A MANNER THAT WILL PREVENT EROSION. ANY MEASURES USED TO COVER STOCKPILES SHALL BE SECURED TO MAINTAIN THEIR EFFECTIVENESS.
- ANY ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES USED TO SUPPLEMENT THE PLANS SHALL BE PREPARED IN ACCORDANCE WITH THE TECHNICAL REQUIREMENTS CONTAINED IN THE "NEW YORK STANDARD SPECIFICATIONS FOR URBAN EROSION AND SEDIMENT CONTROL", LATEST EDITION. ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS PER SECTION 107-12 OF THE STANDARD SPECIFICATIONS.
- ALL AREAS OF SOIL DISTURBANCES RESULTING FROM THIS PROJECT SHALL BE STABILIZED BY SEEDING, MULCH, AND/OR ROLLED EROSION CONTROL PRODUCTS IN ACCORDANCE WITH SECTION 209-3.01 OF THE NYSDOT STANDARD SPECIFICATIONS WITHIN 48 HOURS OF FINAL GRADING. IF CONSTRUCTION ACTIVITIES ARE DISCONTINUED IN AREAS OF SOIL DISTURBANCE BEFORE FINAL GRADING IS COMPLETE, TEMPORARY GRADING SHALL BE STABILIZED BY MULCH (ITEM 209.100101) WITHIN 48 HOURS OF EXPOSURE. MULCH SHALL BE MAINTAINED UNTIL SUITABLE VEGETATIVE COVER IS ESTABLISHED. IN NO CASE SHALL MORE THAN ONE PAYMENT BE MADE FOR THE APPLICATION OF MULCH (ITEM 209.100101) IN ANY GIVEN AREA REGARDLESS OF THE NUMBER OF APPLICATIONS REQUIRED TO COMPLY WITH GENERAL NOTES AND SPECIFICATIONS.
- AT THE PRECONSTRUCTION CONFERENCE OR PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT SCHEDULES TO THE EIC FOR PERFORMING ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL WORK INCLUDING SEEDING. ALL WORK PERFORMED UNDER SECTION 209 SHALL BE INCLUDED AS PART OF THE CONSTRUCTION SCHEDULE SUBMITTED BY THE CONTRACTOR AS REQUIRED UNDER THE PROVISIONS OF SECTION 108-01 START AND PROGRESS OF WORK.
- THE LOCATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DETERMINED BY THE CONTRACTOR BASED ON THE SEQUENCE OF CONSTRUCTION ACTIVITIES, CONSTRUCTION METHODS, AND/OR ACTUAL FIELD CONDITIONS, AS A MINIMUM, SILT FENCE (ITEM 209.13), INSTALLED PER REQUIRED CRITERIA, SHALL BE USED TO MINIMIZE SOIL EROSION AND ENSURE SEDIMENT CONTROL. THE CONTRACTOR SHALL NOTIFY THE EIC OF THEIR PLANNED EROSION CONTROL MEASURES, AS WELL AS ANY REQUIRED CHANGES NEEDED TO ADDRESS INADEQUATE CONTROL MEASURES.
- IN THE EVENT DEWATERING OPERATIONS BECOME NECESSARY, A VEGETATED DISCHARGE AREA OR SETTLING BASIN IF NECESSARY WILL BE REQUIRED UNLESS THE PUMP DISCHARGE IS AS CLEAR AND FREE OF SEDIMENT AS THE FLOWING STREAM.
- HEAVY EQUIPMENT SHALL NOT BE DRIVEN IN THE WATER, WASHED OR REFUELED WITHIN 100 FT OF A WATERCOURSE. NO WASH RUNOFF SHALL BE PERMITTED TO ENTER A WATERCOURSE.
- ALL STORM DRAINAGE OUTLETS SHALL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- NO PETROLEUM PRODUCTS, SEALANT, COATING, PAINT, HERBICIDES, OR OTHER CHEMICAL MATERIALS SHALL BE STORED, MIXED, OR LOADED WITHIN 100 FT OF ANY STREAM, WETLAND OR WATERCOURSE.
- THE CONTRACTOR SHALL BE REQUIRED TO PRACTICE INVASIVE SPECIES CONTROL. THE CONTRACTOR SHALL SEED AND MULCH SLOPES WITH STRAW THAT IS VOID OF WEED SEED AS SOON AS POSSIBLE.
- ALL CONSTRUCTION ENTRANCE LOCATIONS TO THE SITE MUST BE PROPERLY STABILIZED AND MUST BE MAINTAINED. CONSTRUCTION ENTRANCE LOCATIONS ARE TO BE VERIFIED BY THE EIC AND SHALL BE PAID UNDER ITEM 209.22.

SOIL EROSION AND SEDIMENT CONTROL STAGING NOTES:

THE SOIL AND SEDIMENT CONTROL PLAN STAGES WERE ESTABLISHED BASED ON THE FOLLOWING:

- DIVERT OR FLUME ALL CLEAN WATER THROUGH OR AROUND THE WORK AREA PRIOR TO COMMENCING WORK.
- SEQUENCE OF CONSTRUCTION SHALL BE LOGICAL AND CONSTRUCTABLE.
- ENSURE THAT THE AMOUNT OF UNPROTECTED EARTH MATERIAL EXPOSED AT ONE TIME IS LIMITED TO THE MINIMUM AMOUNT NECESSARY TO CONSTRUCT A PARTICULAR STAGE.

THE WORK AREA OF ONE STAGE MUST BE PROTECTED BEFORE ANY WORK, INCLUDING CLEARING AND GRUBBING, CAN BEGIN IN A SUBSEQUENT STAGE.

- INSTALL EROSION CONTROL MEASURES.
- CLEAR AND GRUB WOODED AREAS REQUIRED FOR THE PROJECT.
- INSTALL LOG STRINGER BRIDGE OVER LONG HOUSE CREEK.
- CONSTRUCT OFF ROAD PEDESTRIAN TRAIL.
- CONSTRUCT CASCADE ROAD PARKING AREA.
- INSTALL STREET SIGNS FOR THE CASCADE ROAD PEDESTRIAN TRAIL AND BIKE ROUTE.
- WHEN VEGETATION IS ESTABLISHED, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.

PERMITS:

ALL GENERAL CONDITIONS AND ANY SPECIAL CONDITIONS PERTAINING TO THIS PROJECT ARE CONTAINED IN THE PROPOSAL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF AND ADHERE TO THESE CONDITIONS.

CONSTRUCTION ACTIVITIES NECESSARY FOR COMPLETION OF THIS PROJECT ARE SUBJECT TO SECTIONS 401 AND 404 OF THE FEDERAL CLEAN WATER ACT OF 1997. THIS PROJECT MEETS THE CRITERIA ESTABLISHED FOR NATIONWIDE PERMIT NO. 3 AND 14 MAINTENANCE AUTHORIZED BY THE U.S. ARMY CORPS OF ENGINEERS IN SATISFACTION OF SECTION 404 PERMIT REQUIREMENTS.

THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION ADMINISTERS PROVISIONS OF SECTION 401 OF THE CLEAN WATER ACT THROUGH ISSUANCE OF WATER QUALITY CERTIFICATION. THE N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION HAS CERTIFIED THAT ACTIVITIES AUTHORIZED BY NATIONWIDE PERMIT NO. 3 COMPLY WITH SECTION 401 PROVISIONS OF THE ACT AND APPLICABLE N.Y. STATE WATER QUALITY STANDARDS. THE PROJECT ALSO REQUIRES ADHERENCE TO THE PROVISIONS OF THE NYS DEPARTMENT OF CONSERVATION PROTECTION OF WATERS PROGRAM.

THE PROJECT WILL HAVE SOIL DISTURBANCE GREATER THAN 1 ACRE, AND COVERAGE IS REQUIRED UNDER THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION STATE POLLUTION DISCHARGE ELIMINATION SYSTEM (SPDES) STORM WATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES, PERMIT NO. GP-0-20-001. A STORM WATER POLLUTION PREVENTION PLAN HAS BEEN COMPLETED IN ACCORDANCE WITH THE GENERAL PERMIT.

UTILITIES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES ENCOUNTERED IN THE WORK COMPLETED UNDER THIS CONTRACT. WHERE NECESSARY, THE CONTRACTOR SHALL PROVIDE TIMBER, PLANK OR OTHER APPROVED MATERIALS AND SECURELY BRACE AND PROTECT THESE UTILITIES.

CONTRACTOR COORDINATION:

THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH OTHER PROJECTS WITHIN THE WORK LIMITS.

AFFIX SEAL: ON:		ALTERED BY: ON:	
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	
		TOWN OF WARWICK COUNTY: ORANGE	
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 8760.02	
		PS&E DATE 2020	
		BRIDGES	
		CULVERTS	
		ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	
		BIKE ROUTE & PEDESTRIAN TRAIL	
		GENERAL NOTES	
		TOWN OF WARWICK DOCUMENT NAME: 876002_05_cph_gnn_01.dgn	
		LOCHNER	
		CONTRACT NUMBER	
		DRAWING NO. GNN-1 SHEET NO. 5	

FILE NAME : 876002_06_cph_gnn_02.dgn
DATE/TIME : 11-Aug-23
USER : ANACCARATO 497800.T

ENVIRONMENTAL NOTES:

STAGING, STORAGE, AND STOCKPILE AREAS:

THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD SPECIFICATION 107-08 REGARDING PROCEDURES FOR USE OF AREAS OUTSIDE THE LIMITS OF DISTURBANCE AND/OR THE CONTRACT LIMITS SHOWN ON THE CONTRACT DOCUMENTS, SUCH AS FOR STAGING, STORAGE, AND STOCKPILE AREAS. ADDITIONAL ENVIRONMENTAL APPROVALS MAY BE NECESSARY.

REPORTING OF SPILLS, DISCHARGES AND/OR CONTAMINATED SOILS:

DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP OPERATIONS IMMEDIATELY UPON DISCOVERING OR ENCOUNTERING ANY OF THE FOLLOWING CONTAMINATED MATERIAL INDICATORS:
-NOXIOUS ODORS EMANATING FROM THE SOIL OR WATER
-DISCOLORED SOIL, DISCOLORED WATER, OR DISCOLORED FOUNDATIONS
-LEAKING PIPES, TRANSFORMERS, TANKS AND/OR BARRELS
-DEAD VEGETATION OR THE LACK OF VEGETATION
-EXISTING ON-SITE SPILL MITIGATION APPARATUS

THE CONTRACTOR SHALL NOTIFY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AT 1-800-457-7362 WITHIN TWO (2) HOURS OF SUCH DISCOVERY OR ENCOUNTER WITH CONTAMINATED MATERIAL INDICATORS, AND SHALL NOTIFY THE ENGINEER-IN-CHARGE IMMEDIATELY AFTER NOTIFICATION TO NYSDEC. NO FURTHER WORK SHALL BE DONE AT THE SITE UNTIL THE RESPONSE TEAM HAS DETERMINED HOW THE CONTRACTOR MAY SAFELY HANDLE AND PROPERLY DISPOSE OF THE CONTAMINATED MATERIAL.

WETLAND PROTECTION:

THE BOUNDARY OF THE FEDERAL JURISDICTIONAL WETLANDS AND/OR WATERS IS DEPICTED ON THESE PLANS. NO CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING, STOCKPILING, STORING, STAGING, OR OTHER RELATED ACTIVITIES SHALL BE PERMITTED WITHIN THE WETLAND OR WATERBODY EXCEPT AS DESCRIBED IN THESE PLANS AND AUTHORIZED IN THE PERMIT DOCUMENT.

ANY WORK IN THE WATERBODY OR WETLAND AREA NOT SHOWN ON PLANS AND NOT AUTHORIZED IN THE PERMIT INCLUDING, BUT NOT LIMITED TO, STAGING AREAS MAY REQUIRE ADDITIONAL PERMITS OR PERMIT MODIFICATIONS. THIS PROCESS SHALL NOT BE INITIATED WITHOUT FIRST CONTACTING THE E.I.C.

STREAM PROTECTION:

THE LONG HOUSE CREEK IS CLASSIFIED AS A CLASS B(+)s, STANDARD B WATERBODY, AND WAWAYANDA CREEK IS A CLASS C(+) , STANDARD C WATERBODY AT THIS LOCATION.

DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT THEIR OPERATIONS IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO ANY WATERBODY, INCLUDING WETLANDS, FROM DIRECT OR INDIRECT POLLUTION BY DEBRIS, SEDIMENTATION OR OTHER FOREIGN MATERIAL, OR FROM THE MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH WATER BODIES. NO WATER SHALL BE RETURNED DIRECTLY TO THE WATERBODY WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THE WATER TO BE CONTAMINATED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF THE CONTRACTOR USES THE WATER FROM ANY WATERBODY, THEY SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM AS REQUIRED TO PROTECT AND MAINTAIN WATER RIGHTS AND SUSTAIN AQUATIC LIFE DOWNSTREAM.

DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS, AND OTHER MATERIAL INTO THE WATERBODY, EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS, OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER-IN-CHARGE DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED.

THE CONTRACTOR SHALL ACCOMPLISH WORK IN THE STREAM BANKS DURING A PERIOD OF LOW FLOW, JULY 16 TO FEBRUARY 28. THE LOW FLOW CHANNEL SHALL NOT BE DISTURBED. NO WORK WILL BE PERMITTED WITHIN 50 FEET OF THE STREAM BANKS FROM OCTOBER 1 TO APRIL 30.

PRIOR TO STARTING ANY WORK WITHIN 50 FEET OF THE WATERS EDGE, INCLUDING CONSTRUCTION ACCESS, WATER DIVERSION, AND HABITAT RESTORATION, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER-IN-CHARGE (E.I.C.). THE EIC SHALL CONSULT WITH THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR.

WATER DIVERSION NOTES:

THE USE OF A WATER DIVERSION STRUCTURE (ITEM 553.030001 & ITEM 553.030002) SHALL ONLY BE INSTALLED IF ALL OTHER OPTIONS HAVE BEEN EXHAUSTED AND SHALL BE DONE SO IN ACCORDANCE WITH NYSDEC REGULATIONS. AN ATTEMPT TO CONSTRUCT THE BRIDGE OVER LONG HOUSE CREEK WITHOUT A WATER DIVERSION OR DISTURBING THE STREAM SHOULD BE MADE PRIOR TO PROPOSING WORK WITHIN THE CREEK. THE CONTRACTOR SHALL PREPARE A DETAILED WATERWAY DIVERSION PLAN AS PER ITEM 553.030001 THAT KEEPS WORK IN THE STREAM TO A MINIMUM AND SUBMIT IT TO THE ENGINEER-IN-CHARGE FOR APPROVAL. NO WORK SHALL BE CONDUCTED IN THE STREAM BEYOND THE LIMITS INDICATED BY THE CONTRACT DOCUMENTS.

IF PUMPS ARE USED, AT THE END OF THE WORK DAY BEFORE HEAVY ANTICIPATED FLOWS, THE CONTRACTOR SHALL ESTABLISH AN UNOBSTRUCTED CHANNEL AREA SUFFICIENT TO ACCOMMODATE THE FLOW. THE CONTRACTOR SHALL SUBMIT A PROCEDURE FOR APPROVAL TO THE E.I.C.

ENDANGERED SPECIES NOTES:

TREE PROTECTION FOR ENDANGERED SPECIES

THE AREA BENEATH THE DRIP LINE OF ALL TREES WITH A TRUNK DIAMETER OF 3 INCHES OR GREATER LOCATED OUTSIDE OF THE PROJECT CLEARING LIMITS OR IN PROXIMITY TO STAGING AND STOCKPILING AREAS SHALL NOT BE DISTURBED. DISTURBANCES INCLUDES REMOVING TREES, STOCKPILING MATERIAL, STORING EQUIPMENT, OR DRIVING AND PARKING VEHICLES BENEATH THE DRIP LINE OF TREES. ADDITIONAL TREES REQUIRING PROTECTION MAY BE DESIGNATED BY THE E.I.C. THE CONTRACTOR SHALL SUBMIT A PLAN TO THE E.I.C. FOR APPROVAL SHOWING THE PROPOSED STAGING, STORAGE AND STOCKPILE AREAS FOR EACH SITE PRIOR TO PLACEMENT OF ANY EQUIPMENT OR MATERIALS A THE SUBJECT AREA.

RESTRICTIONS FOR INDIANA BAT & NORTHERN LONG-EARED BAT

IN ORDER TO PREVENT ANY DIRECT TAKINGS OF INDIANA BAT (MYOTIS SODALIS), A FEDERAL AND STATE LISTED ENDANGERED SPECIES AND NORTHERN LONG-EARED BAT (MYOTIS SEPTENTRIONALIS), A FEDERAL AND STATE LISTED THREATENED SPECIES, THE CONTRACTOR'S ATTENTION IS HEREBY DIRECTED TO THE FACT THAT TREE CUTTING SHALL ONLY BE PERFORMED FROM OCTOBER 31 THROUGH MARCH 31, AND DOES NOT OCCUR AT A DISTANCE MORE THAN 100' FROM EXISTING PAVEMENT. TIME OF YEAR CUTTING RESTRICTIONS APPLY TO TREES THAT ARE 3 INCHES OR GREATER DIAMETER AT BREAST HEIGHT (DBH).

ENDANGERED SPECIES - BOG TURTLE

BOG TURTLE (CLEMMYS MUHLENBERGII), A FEDERALLY THREATENED AND STATE ENDANGERED SPECIES, IS KNOWN TO EXIST NEAR THIS WORK LOCATION. A FACT SHEET DESCRIBING THIS SPECIES AND ITS HABITAT WILL BE DISTRIBUTED AT THE PRE-CONSTRUCTION MEETING. IF THIS SPECIES IS ENCOUNTERED, NOTIFY THE E.I.C. IMMEDIATELY.

ENDANGERED SPECIES - TIMBER RATTLESNAKE

TIMBER RATTLESNAKE (CROTALUS HORRIDUS), A STATE THREATENED SPECIES, IS KNOWN TO EXIST NEAR THIS WORK LOCATION. A FACT SHEET DESCRIBING THIS SPECIES AND ITS HABITAT WILL BE DISTRIBUTED AT THE PRE-CONSTRUCTION MEETING. IF THIS SPECIES IS ENCOUNTERED, NOTIFY THE E.I.C. IMMEDIATELY.

IT IS ILLEGAL TO TAKE (KILL), IMPORT, TRANSPORT, POSSESS, OR SELL AN ANIMAL LISTED AS THREATENED WITHOUT LICENSE. SHOULD THIS SPECIES BE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH THE TIMBER RATTLESNAKE ENCOUNTER PLAN (TREP), WHICH INCLUDES FACT SHEETS DESCRIBING THE SPECIES AND A PROTOCOL FOR HANDLING AN ENCOUNTERED WITH THIS SPECIES. THE TREP WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING. THERE IS NO SEPARATE PAYMENT FOR COMPLIANCE WITH THE TREP.

A QUALIFIED TIMBER RATTLESNAKE MONITOR WILL BE REQUIRED TO BE RETAINED AND ON SITE TO OVERSEE CONSTRUCTION ACTIVITIES OCCURING BETWEEN APRIL 1 AND OCTOBER 31. PAYMENT WILL BE MADE FOR RETAINING A QUALIFIED MONITOR UNDER ITEM 613.0600001.

INVASIVE SPECIES EQUIPMENT CLEANING:

PORCELAINBERRY, AN INVASIVE SPECIES, WAS IDENTIFIED WITHIN THE PROJECT AREA. AS PER SECTION 107-01 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL MAKE A CONCERTED EFFORT TO PREVENT AND/OR CONTROL THE SPREAD OF INVASIVE SPECIES FROM THEIR ORIGINAL LOCATION TO OTHER AREAS ON OR OFF THE PROJECT SITE. ITEM 617.10000024, DISPOSAL OF MATERIAL CONTAINING INVASIVE SPECIES, AND ITEM 617.11000024, EQUIPMENT CLEANING FOR INVASIVE SPECIES, IS INCLUDED IN THIS CONTRACT. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND AT THE FOLLOWING WEBSITE:

AMPELOPSIS GLANDULOSA VAR. BREVIPEDUNCULATA (PORCELAINBERRY)
<https://www.fs.fed.us/database/feis/plants/vine/ampbre/all.html>

SURVEY OPERATIONS:

THE CONTRACTOR SHALL COMPLETE SURVEY TASKS (I.E., PARKING AREA, TRAIL LOCATION, ETC.) AS DIRECTED BY THE ENGINEER PRIOR TO BEGINNING ANY CONSTRUCTION WORK. PAYMENT FOR THIS WORK WILL BE UNDER ITEM 625.01. ALL SURVEY NOTES FOR EACH LOCATION SHALL BE SUBMITTED TO THE ENGINEER.

DRAWING APPROVAL:

ALL SHOP, ERECTION, DEMOLITION, TEMPORARY STRUCTURE, PROCEDURAL AND OTHER DRAWINGS WHICH NEED NYSDOT APPROVAL SHALL BE SUBMITTED TO THE ENGINEER FOR DISTRIBUTION TO THE APPROPRIATE APPROVAL OFFICE. THIS INCLUDES DRAWINGS FROM FABRICATORS AND PRE-CASTERS.

THE CONTRACTOR IS CAUTIONED NOT TO ORDER EQUIPMENT AND/OR MATERIALS UNTIL THE REQUIRED DRAWINGS ARE APPROVED IN WRITING.

RIGHT OF WAY:

- ALL WORK TO BE PERFORMED UNDER THIS CONTRACT WILL BE WITHIN THE PUBLIC RIGHT-OF-WAY (ROW) IN ACCORDANCE WITH SECTION 105-15 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS TO ASSURE THEMSELVES THAT ALL WORK IS BEING PERFORMED WITHIN THE ROW, INCLUDING BUT NOT LIMITED TO VEHICLE ACCESS; STORAGE OF EQUIPMENT, MATERIALS, DEBRIS AND WASTE; LANDSCAPING; VEGETATION REMOVAL AND MANAGEMENT; GRADING, SEEDING AND THE INSTALLATION OF TURF; AND THE INSTALLATION OF ANY FENCES OR PROTECTIVE BARRIER.
- IF CONTRACTOR IS UNABLE TO IDENTIFY THE LIMITS OF THE RIGHTS-OF-WAY WHEN THE CONTRACT CALLS FOR WORK IN THOSE VICINITIES, THE CONTRACTOR MUST CONTACT THE PROJECT ENGINEER FOR DEFINITIVE BOUNDARY DETERMINATIONS BEFORE ANY WORK MAY BE INITIATED AT THOSE LOCATIONS (STANDARD SPECIFICATIONS SECTIONS 105-10 AND 625).
- IN ACCORDANCE WITH SECTION 105-15 OF THE STANDARD SPECIFICATIONS, RELEASE FOR ANY NON-ESSENTIAL CONTRACT WORK OUTSIDE OF THE EXISTING RIGHTS-OF-WAY, INCLUDING PLANTINGS, LANDSCAPING OR DRIVEWAY ENHANCEMENT, WILL BE PROVIDED BY THE PROJECT ENGINEER AND IN NO INSTANCE ARE TO BE SECURED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT INVADE UPON PRIVATE PROPERTIES, LANDS OR BUILDINGS OUTSIDE OF THE RIGHTS-OF-WAY FOR ANY REASON WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE PROPERTY OWNER (STANDARD SPECIFICATIONS SECTIONS 105-15).
- THE CONTRACTOR WILL BE HELD LIABLE FOR ANY DAMAGES DONE. ANY SUCH INJURIES OR DAMAGES SHALL BE SATISFACTORILY REPAIRED OR ITEMS REPLACED AT THE CONTRACTOR'S EXPENSE (STANDARD SPECIFICATIONS SECTION 107-08 AND 107-09).
- THE CONTRACTOR SHALL ACQUIRE ANY RELEASES OR PROPERTY RIGHTS THAT ARE NEEDED FOR THEIR OWN BENEFIT (I.E. EQUIPMENT STORAGE, MATERIAL STOCK PILES, ETC.).

AFFIX SEAL: ON:		ALTERED BY: ON:				
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:				
		TOWN OF WARWICK COUNTY: ORANGE				
		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. GNN-2 SHEET NO. 6
		GENERAL NOTES				
		TOWN OF WARWICK DOCUMENT NAME: 876002-06_cph_gnn_02.dgn				LOCHNER

THE CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGHOUT THE LENGTH AND DURATION OF THE CONTRACT IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 619 OF THE STANDARD SPECIFICATIONS, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE NEW YORK STATE SUPPLEMENT, THE TRAFFIC CONTROL DETAILS IN THE PLANS AND PROPOSAL OR AOB.

PRIOR TO THE START OF ANY WORK OPERATIONS, ALL RELATED WORK FOR PROPOSED TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETE. THIS INCLUDES BUT IS NOT LIMITED TO, ALL SIGNS, SIGNALS, PAVEMENT MARKINGS, BARRIERS, DELINEATION (CONES, DRUMS, ETC.), FLAGGERS, PAVEMENT MODIFICATIONS, AND ANY OTHER RELATED WORK AS DIRECTED BY THE ENGINEER IN CHARGE.

THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION SEQUENCING AND MAINTENANCE AND PROTECTION OF TRAFFIC PLAN WITH PRIVATE AND MUNICIPAL UTILITY COMPANIES. THE CONTRACTOR SHALL USE THE NOTES AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS WHEN DESIGNING HIS CONSTRUCTION SEQUENCING AND MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

NO MATERIAL IS TO BE STORED WITHIN THE ROADSIDE AREA THAT IS OPEN TO TRAFFIC EXCEPT THAT WHICH IS TO BE PLACED THAT DAY WITH THE APPROVAL OF THE ENGINEER.

WEEKDAY HOURS - 7:00 AM TO 7:00 PM
NO SATURDAY OR SUNDAY WORK (UNLESS APPROVED BY ENGINEER)
NO LANE RESTRICTIONS FROM 6:00 PM TO 7:00 AM MONDAY THRU SUNDAY,
FROM 7:00 AM TO 9:00 AM AND 4:00 PM TO 6:00 PM MONDAY THRU FRIDAY
NO NIGHTTIME WORK

MEMORIAL DAY - MAY 24 THROUGH MAY 28, 2024
-6:00 AM FRIDAY BEFORE TO 6:00 AM TUESDAY AFTER
INDEPENDENCE DAY - JUNE 29 THROUGH JULY 5, 2024
-6:00 AM SATURDAY TO 6:00 AM FRIDAY AFTER
LABOR DAY - AUGUST 30 THROUGH SEPTEMBER 3, 2024
-6:00 AM FRIDAY BEFORE TO 6:00 AM TUESDAY AFTER
THANKSGIVING - NOVEMBER 27 THROUGH DECEMBER 2, 2024
-6:00 AM WEDNESDAY BEFORE TO 6:00 AM MONDAY AFTER
CHRISTMAS - DECEMBER 21 THROUGH DECEMBER 27, 2024
-6:00 AM SATURDAY BEFORE TO 6:00 AM FRIDAY AFTER
NEW YEAR'S DAY - DECEMBER 31, 2024 THROUGH JANUARY 2, 2025
-6:00 AM TUESDAY BEFORE TO 6:00 AM THURSDAY AFTER

ALL VEHICLES THAT WILL MOVE INTO AND OUT OF TRAFFIC AT WORK AREAS SHALL BE EQUIPPED WITH AN APPROVED ROTATING OR FLASHING AMBER WARNING LIGHT THAT SHALL BE MOUNTED SO AS TO BE EASILY SEEN BY APPROACHING TRAFFIC.

THE CONTRACTOR SHALL CLEAN, PATCH AND THOROUGHLY COMPACT EXISTING SHOULDER POT HOLES AND SHOULDER RAVELING PRIOR TO PROCEEDING WITH EXCAVATION OPERATIONS TO AID IN MAINTAINING ALTERNATING ONE WAY TRAFFIC. PATCH MATERIAL SHALL BE CONSISTENT WITH ITEM 402.018903 AND ALL PATCH WORK INCLUDING MATERIAL SHALL BE PAID FOR UNDER ITEM 619.01.

BACKFILL OF SHOULDER AREAS SHALL PROCEED CONCURRENTLY WITH THE EXCAVATION. AT NO TIME SHALL THERE EXIST MORE THAN 500 LINEAR FEET OF EXCAVATED AREA. THIS WORK SHALL PROCEED ON ONLY ONE SIDE AT A TIME. BEFORE THE CLOSE OF EACH WORKDAY, THE EXCAVATED SHOULDER AREAS SHALL BE COMPLETELY BACKFILLED AND THOROUGHLY COMPACTED.

THE CONTRACTOR SHALL BE REQUIRED TO ESTABLISH A COMMUNICATION SYSTEM WITH LOCAL EMERGENCY AGENCIES A.O.B.E SO THAT SUCH AGENCIES CAN PROVIDE ADVANCE NOTICE OF EMERGENCY VEHICLES REQUIRING ACCESS TO AND THROUGH THE WORKSITE. THE COST OF THIS SYSTEM SHALL BE PAID FOR UNDER ITEM 619.01 - BASIC MAINTENANCE AND PROTECTION OF TRAFFIC. UPON NOTIFICATION BY THE ENGINEER, THE CONTRACTOR SHALL SUSPEND ALL OPERATIONS AS NECESSARY, AND SHALL PROVIDE SAFE AND ADEQUATE ACCESS INTO OR THROUGH THE WORKSITE BY EMERGENCY VEHICLES.

ALTERNATE ONE-WAY TRAFFIC MAY BE MAINTAINED DURING WORKING HOURS AS SHOWN ON NYSDOT STANDARD SHEET 619-60. HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE TWO UNOBSTRUCTED LANES FOR TWO-WAY TRAFFIC DURING NON-WORKING HOURS. FLAGGERS WILL BE REQUIRED TO USE RADIO OR SIMILAR CONTACT WHEN THEY ARE MAINTAINING ONE-WAY TRAFFIC WHEN ONE FLAGGER IS NOT VISIBLE TO THE OTHER OR IF, IN THE OPINION OF THE ENGINEER, THIS COMMUNICATION IS NECESSARY. THE COST OF ANY RADIO OR FIELD TELEPHONES USED SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC MAINTENANCE AND PROTECTION OF TRAFFIC.

THE CONTRACTOR SHALL SCHEDULE WORK, CONDUCT CONSTRUCTION ACTIVITIES AND LIMIT THE LENGTH OF LANE CLOSURES TO ENSURE A MINIMUM DELAY TO TRAFFIC. STOPPAGE OF TRAFFIC FOR MORE THAN 5 MINUTES WILL NOT BE PERMITTED WITHOUT PRIOR AUTHORIZATION. THE CONTRACTOR SHALL CEASE ANY OPERATION AND RESTORE THE TRAVELED WAY TO SAFE OPERATING CONDITION IF TRAFFIC RENDERS CONDITIONS THAT ARE UNSAFE.

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.

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.

THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, ANY REVISION PROPOSED TO THE TEMPORARY TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL FIVE (5) WORKING DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS. PROPOSED REVISIONS THAT ALTER THE BASIC CONCEPT OF THE TRAFFIC CONTROL PLAN MUST BE SUBMITTED TO THE ENGINEER IN WRITING FOR REVIEW AND APPROVAL BY THE COUNTY THIRTY (30) WORKING DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS.

THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER, IN WRITING, THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF THE CONTRACTOR'S STAFF AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS DURING AND OUTSIDE NORMAL WORKING HOURS.

ALL CHANNELIZING/DELINEATION DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM OF 2' CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE CERTAIN THAT PLACEMENT OF CONES, DRUMS AND MARKERS OR BARRICADES SHALL NOT INTERFERE WITH SIGHT DISTANCE.

LONGITUDINAL SPACING SHALL BE AS SHOWN ON NYSDOT STANDARD SHEETS. REDUCED SPACING MAY BE REQUIRED AOE. INTERSECTIONS AND DRIVEWAYS SHALL BE CHANNELIZED AT 6' SPACING.

WHERE POSSIBLE A LATERAL BUFFER SPACE OF 1' SHOULD BE PROVIDED BETWEEN THE WORK ZONE AND THE LINE OF DELINEATION DEVICES.

THE COST OF ANY DELINEATION AND GUIDING DEVICES (CONES, DRUMS, ETC.) SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.

ONLY DRUMS, OVERSIZE VERTICAL PANELS, CONES AND TUBULAR MARKERS WILL BE ALLOWED FOR LONGITUDINAL CHANNELIZING DEVICES.



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

PIN 8760.02

BRIDGES

100

2020

BRIDGES

100

100

100

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

BIKE ROUTE & PEDESTRIAN TRAIL

WORK ZONE TRAFFIC CONTROL NOTE

CONTRACT NUMBER

DRAWING NO. TCP-1

SHEET NO. 7

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.

TOWN OF WARWICK
DOCUMENT NAME: 876002_07_cph+cp_01.dgn

LOCHNER

FILE NAME : 876002_08_cph_mjp_01.dgn
DATE/TIME : 04-Jun-20 11:41:02 AM
USER : NYSDOT.US.User

DESIGN SUPERVISOR
TER
JOB MANAGER
AJC
DESIGN
TER
CHECK
AJC
DRAFTING
DJC
CHECK
AJC
PROJECT MANAGER
TER
CHECK
AJC

AFFIX SEAL:
ON:



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

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TABLE OF MAINTENANCE JURISDICTION							
NO.	SEGMENT	LIMITS	FEATURES TO BE MAINTAINED	CL MI	LANE MI	AGENCY	AUTHORITY FOR MAINTENANCE JURISDICTION
BIKE ROUTE							
1	PRICES SWITCH ROAD	NEW JERSEY STATE LINE TO NEWPORT BRIDGE ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	1.59	3.18	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
2	NEWPORT BRIDGE ROAD	PRICE SWITCH ROAD TO WATERBURY ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	1.28	2.56	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
3	BLOOMS CORNERS ROAD	NEWPORT BRIDGE ROAD TO WATERBURY ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.34	0.68	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
4	WATERBURY ROAD	BLOOMS CORNERS ROAD TO DEKAY ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	1.13	2.26	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
5	DEKAY ROAD	WATERBURY ROAD TO MILLERS LANE	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.42	0.84	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
6	MILLERS LANE	DEKAY ROAD TO COVERED BRIDGE ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.87	1.74	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
7	SANFORDVILLE ROAD	MILLERS LANE ROAD TO WEST STREET	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.10	0.20	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
8	WEST STREET	SANFORDVILLE ROAD TO VILLAGE LINE	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.57	1.14	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
9	COVERED BRIDGE ROAD	MILLERS LANE TO ONDERDONK ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	1.10	2.20	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
10	ONDERDONK ROAD	COVERED BRIDGE ROAD TO OLD CROSS ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.35	0.70	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
11	OLD CROSS ROAD	ONDERDONK ROAD TO RYERSON ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.55	1.10	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
12	RYERSON ROAD	OLD CROSS ROAD TO RUTHERFORD ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.55	1.10	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
13	RYERSON ROAD	RUTHERFORD ROAD TO BLOOMS CORNERS ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.43	0.86	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
14	BLOOMS CORNERS ROAD	RYERSON ROAD TO DREW ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.27	0.54	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
15	DREW ROAD	BLOOMS CORNERS ROAD TO PRICES SWITCH ROAD	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	0.98	1.96	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
PEDESTRIAN TRAIL							
16	CASCADE ROAD	VILLAGE VISTA TRAILHEAD TO OFF ROAD TRAIL	ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, GUIDE RAIL, DRAINAGE FACILITIES (INCLUDING CHANNELS AND BANKS WITHIN R.O.W. AND P.E. LINES), AND SNOW AND ICE REMOVAL	4.10	8.20	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
17	OFF ROAD TRAIL	CASCADE ROAD TO COUNTY PROPERTY LINE	TRAILWAY, SHOULDER, DRAINAGE, GUIDERAIL, LANDSCAPING, SIGNS	0.49	0.49	TOWN OF WARWICK	HIGHWAY LAW SECTION 81
18	OFF ROAD TRAIL	COUNTY PROPERTY LINE TO WARWICK COUNTY PARK	TRAILWAY, SHOULDER, DRAINAGE, GUIDERAIL, LANDSCAPING, SIGNS	1.14	1.14	ORANGE COUNTY	HIGHWAY LAW SECTION 349-C
PEDESTRIAN TRAIL BRIDGE							
18	LONG HOUSE CREEK BRIDGE	BRIDGE LENGTH	ENTIRE BRIDGE	----	----	TOWN OF WARWICK	HIGHWAY LAW SECTION 230

PIN 8760.02

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER

PS&E DATE

2020

BIKE ROUTE & PEDESTRIAN TRAIL

MAINTENANCE JURISDICTION PLAN

DRAWING NO. MJP-1

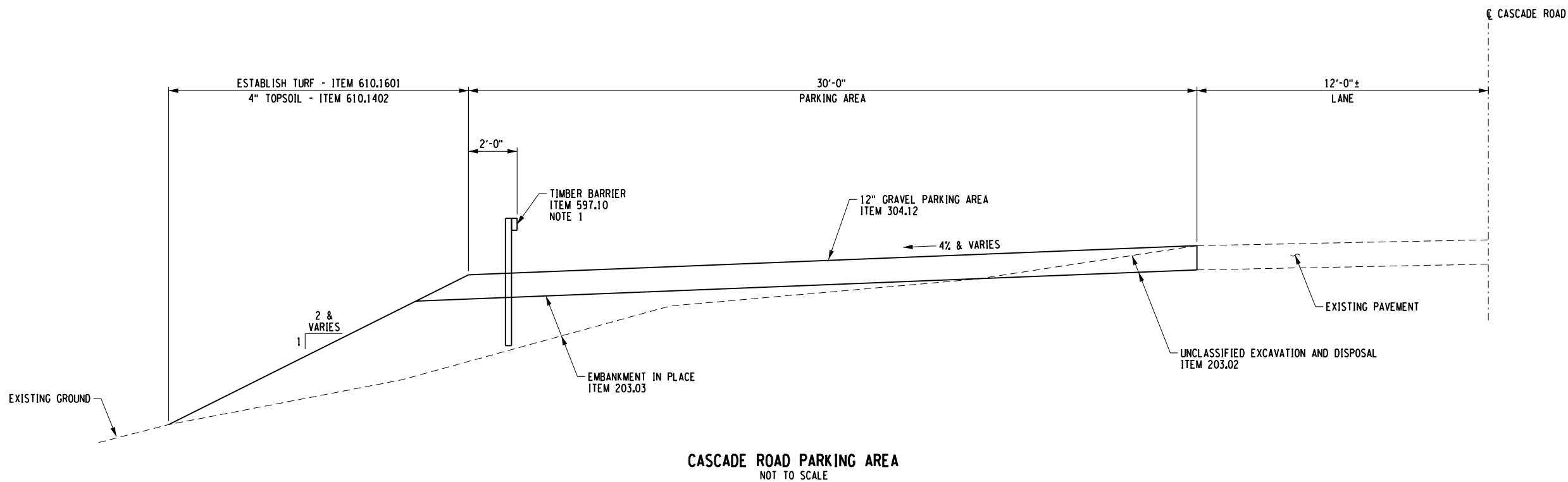
SHEET NO. 8

TOWN OF WARWICK
DOCUMENT NAME: 876002_08_cph_mjp_01.dgn

LOCHNER

FILE NAME : 876002_09_cph.typ.01.dgn
DATE/TIME : 22-Mar-21 10:28:08 AM
USER : NYSDOT.US.User

DESIGN SUPERVISOR
TER
JOB MANAGER
AJC
DESIGN
TER
CHECK
AJC
DRAFTING
DJC
CHECK
AJC
PROJECT MANAGER
TER
CHECK
AJC



NOTES:

- SEE DWG. MSD-1 FOR TIMBER BARRIER DETAILS.

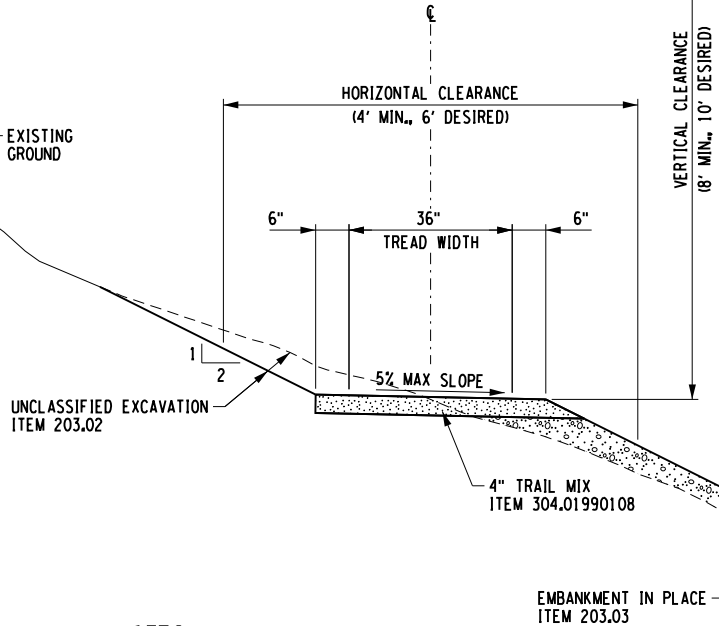


AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

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.

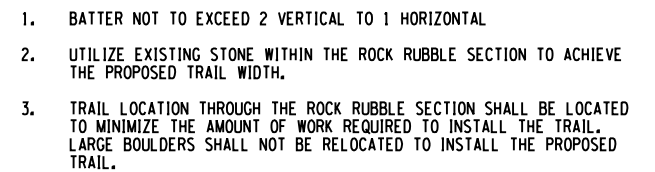
TOWN OF WARWICK
DOCUMENT NAME: 876002_09_cph.typ.01.dgn

LOCHNER



1. ALIGNMENT SHOWN ON DWG. GNP-1 IS SHOWN FOR REFERENCE PURPOSES ONLY. THE TRUE ALIGNMENT SHALL BE FIELD VERIFIED WITH THE E.I.C. IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION AND SHALL BE PLACED TO AVOID CUTTING DOWN TREES IN ACCORDANCE WITH THE ENVIRONMENTAL RESTRICTIONS OF THE PROJECT. CLEAR, GRUB AND LIMB (ITEM 201.07) ALL VEGETATION, TREES, ETC. WITHIN THE LIMITS OF GRADING FOR THE TRAIL TRUE ALIGNMENT. LIMBING SHALL BE LIMITED TO BRANCHES LESS THAN 3" IN DIAMETER. REMOVE TREES (ITEM 614.060204) OUTSIDE THE CLEARING AND GRUBBING LIMIT AND WITHIN THE R.O.W. THAT THE E.I.C. DETERMINES TO BE HAZARDOUS OR DEAD AND UNSIGHTLY.

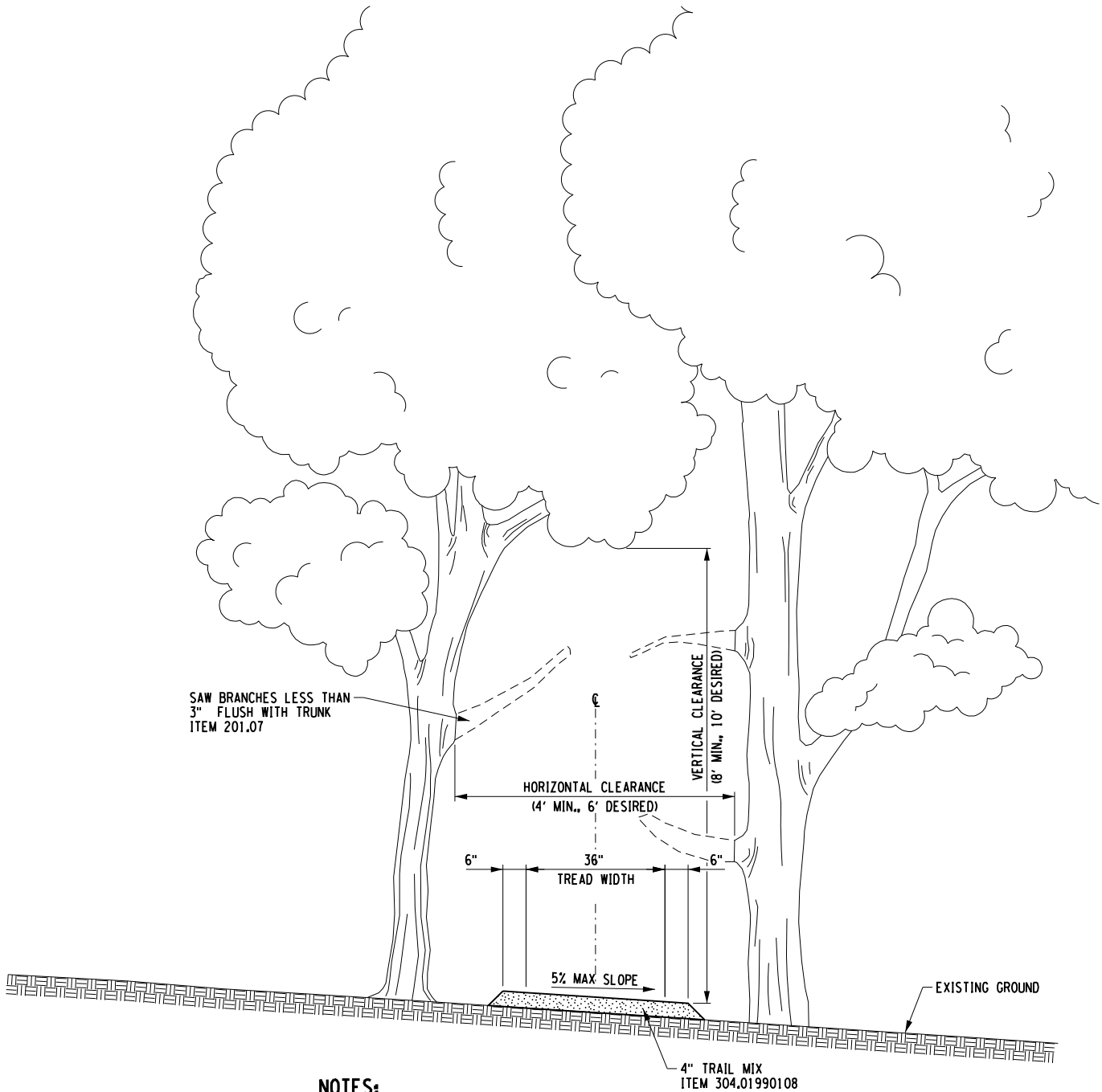
STA. 1+00 TO STA. 4+36
STA. 11+00 TO STA. 26+71
NOT TO SCALE



PEDESTRIAN TRAIL TYPICAL SECTION
ROCK RUBBLE SLOPE SECTION
STA. 4+36 TO STA. 11+00
NOT TO SCALE

AFFIX SEAL: ON:		ALTERED BY: ON:											
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02		BRIDGES		CULVERTS		ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER	
						PS&E DATE							
		TOWN OF WARWICK				2020							
		COUNTY: ORANGE											
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.										TOWN OF WARWICK DOCUMENT NAME: 876002-10.cph-tyr-02.dgn		LOCHNER	

FILE NAME : 876002.11.cph_typ.03.dgn
DATE/TIME : 11-Aug-23
USER : ANACCARATO 497800.T



NOTES:

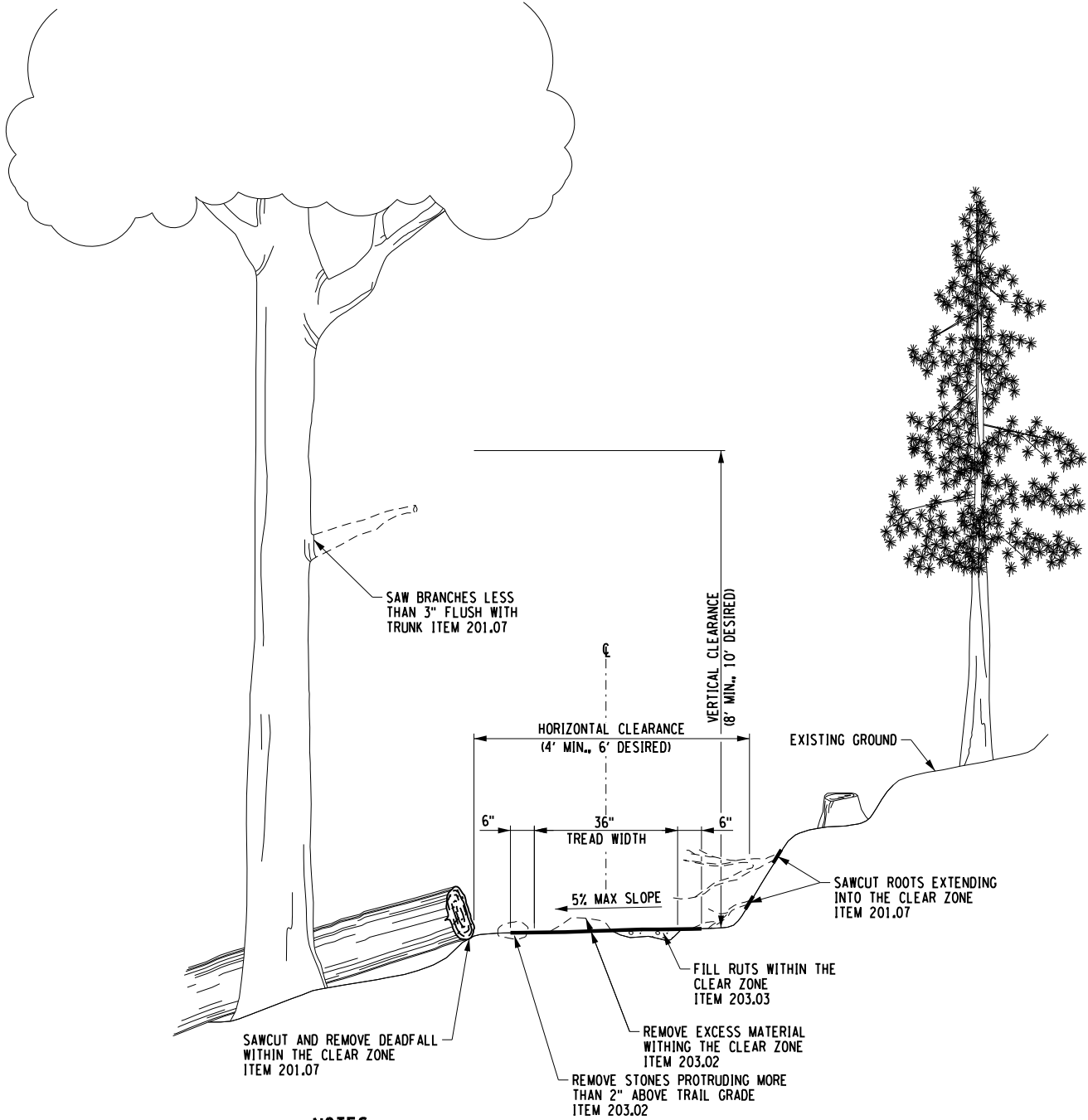
- ALIGNMENT SHOWN ON DWG. GNP-1 IS SHOWN FOR REFERENCE PURPOSES ONLY. THE TRUE ALIGNMENT SHALL BE FIELD VERIFIED WITH THE E.I.C. IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION AND SHALL BE PLACED TO AVOID CUTTING DOWN TREES IN ACCORDANCE WITH THE ENVIRONMENTAL RESTRICTIONS OF THE PROJECT. CLEAR, GRUB AND LIMB (ITEM 201.07) ALL VEGETATION, TREES, ETC. WITHIN THE LIMITS OF GRADING FOR THE TRAIL TRUE ALIGNMENT. LIMBING SHALL BE LIMITED TO BRANCHES LESS THAN 3" IN DIAMETER. REMOVE TREES (ITEM 614.060204) OUTSIDE THE CLEARING AND GRUBBING LIMIT AND WITHIN THE R.O.W. THAT THE E.I.C. DETERMINES TO BE HAZARDOUS OR DEAD AND UNSIGHTLY.

PEDESTRIAN TRAIL TYPICAL SECTION
FLAT SECTIONS
STA. 1+00 TO STA. 4+36
STA. 11+00 TO STA. 26+71
NOT TO SCALE

AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
					BIKE ROUTE & PEDESTRIAN TRAIL OFF ROAD PEDESTRIAN TRAIL TYPICAL SECTION	DRAWING NO. TYP-3 SHEET NO. 11
	TOWN OF WARWICK					
	PS&E DATE 2020					
	COUNTY: ORANGE					
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.					TOWN OF WARWICK DOCUMENT NAME: 876002.11.cph.typ.03.dgn	LOCHNER

FILE NAME : 876002.12.cph.typ.04.dgn
DATE/TIME : 11-Aug-23
USER : ANACCARATO 497800.T



NOTES:

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PEDESTRIAN TRAIL TYPICAL SECTION
EXISTING TRAIL REHABILITATION
STA. 26+71 TO STA. 87+15
NOT TO SCALE

AFFIX SEAL:
ON:



ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
					BIKE ROUTE & PEDESTRIAN TRAIL OFF ROAD PEDESTRIAN TRAIL TYPICAL SECTION	DRAWING NO. TYP-4 SHEET NO. 12
	TOWN OF WARWICK					
	PS&E DATE 2020					
	COUNTY: ORANGE					
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.					TOWN OF WARWICK DOCUMENT NAME: 876002.12.cph.typ.04.dgn	LOCHNER

AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	
	TOWN OF WARWICK
	COUNTY: ORANGE
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.	

PEDESTRIAN TRAIL CONTROL			
POINTS	ALIGNMENT STATION	NORTHING	EASTING
POB	0+58.66	877432.582	543563.599
PI	1+00.00	877452.002	543527.107
PI	1+58.05	877457.893	543469.360
PI	1+95.24	877464.426	543432.745
PI	2+51.59	877504.119	543392.746
PI	2+96.59	877510.373	543348.182
PI	3+76.69	877535.381	543272.087
PI	4+36.15	877588.019	543244.440
PI	5+06.16	877608.880	543177.612
PI	5+53.76	877623.076	543132.176
PI	6+68.66	877537.214	543055.825
PI	7+43.63	877488.011	542999.258
PI	8+02.74	877454.674	542950.450
PI	9+19.81	877391.282	542852.018
PI	10+07.80	877366.270	542767.664
PI	10+99.62	877344.544	542678.453
PI	11+46.11	877354.778	542633.100
PI	12+02.80	877374.267	542686.334
PI	12+64.02	877421.399	542725.402
PI	12+83.31	877438.923	542733.465
PI	13+30.91	877469.328	542696.839
PI	14+23.02	877538.378	542757.803
PI	15+03.63	877568.260	542832.672
PI	15+68.81	877631.305	542849.215
PI	16+23.25	877672.467	542884.839
PI	16+82.33	877728.250	542865.375
PI	17+36.88	877760.874	542909.097
PI	17+93.98	877799.340	542951.299
PI	18+68.71	877868.183	542922.233
PI	20+15.62	878013.734	542942.130
PI	20+55.78	878053.734	542945.775
PI	22+03.36	878168.666	543038.356
PI	22+81.11	878243.393	543059.822
PI	23+84.39	878324.555	543123.686
PI	24+53.96	878313.923	543054.934
PI	25+04.18	878306.718	543005.236
PI	25+99.31	878364.253	542929.473
POE	26+71.00	878346.369	542859.653

PEDESTRIAN TRAIL CONTROL			
POINTS	ALIGNMENT STATION	NORTHING	EASTING
POB	26+71.00	878346.369	542859.653
PI	26+79.36	878344.389	542851.922
PI	27+46.20	878312.953	542792.939
PI	29+19.64	878443.037	542678.225
PI	30+25.38	878504.461	542592.155
PI	31+30.98	878525.136	542488.593
PI	32+27.35	878589.936	542417.262
PI	33+16.97	878671.489	542380.120
PI	33+56.98	878711.116	542385.668
PI	34+85.14	878733.766	542259.524
PI	35+27.11	878772.838	542274.834
PI	35+70.43	878811.824	542293.722
PI	36+33.32	878869.179	542319.533
PI	37+82.03	879001.712	542386.973
PI	38+76.74	879096.426	542386.669
PI	41+02.43	879321.585	542371.249
PI	42+44.46	879462.076	542350.384
PI	43+66.73	879447.175	542229.022
PI	47+23.72	879260.068	541924.996
PI	55+03.31	879026.764	541181.140
PI	56+94.20	878978.440	540996.463
PI	63+56.03	878700.479	540395.839
PI	64+32.73	878673.059	540324.205
PI	65+59.38	878607.782	540215.668
PI	68+63.59	878457.650	539951.090
PI	69+61.46	878405.206	539868.462
PI	70+26.92	878363.893	539817.683
PI	71+32.13	878281.326	539752.475
PI	73+13.14	878154.865	539622.969
PI	75+86.66	877939.696	539454.104
PI	78+07.26	877782.079	539299.753
PI	79+02.33	877696.487	539258.377
PI	82+07.03	877567.092	538982.515
PI	83+43.82	877619.625	538856.222
PI	85+89.95	877864.868	538877.084
POE	87+14.54	877983.027	538837.566

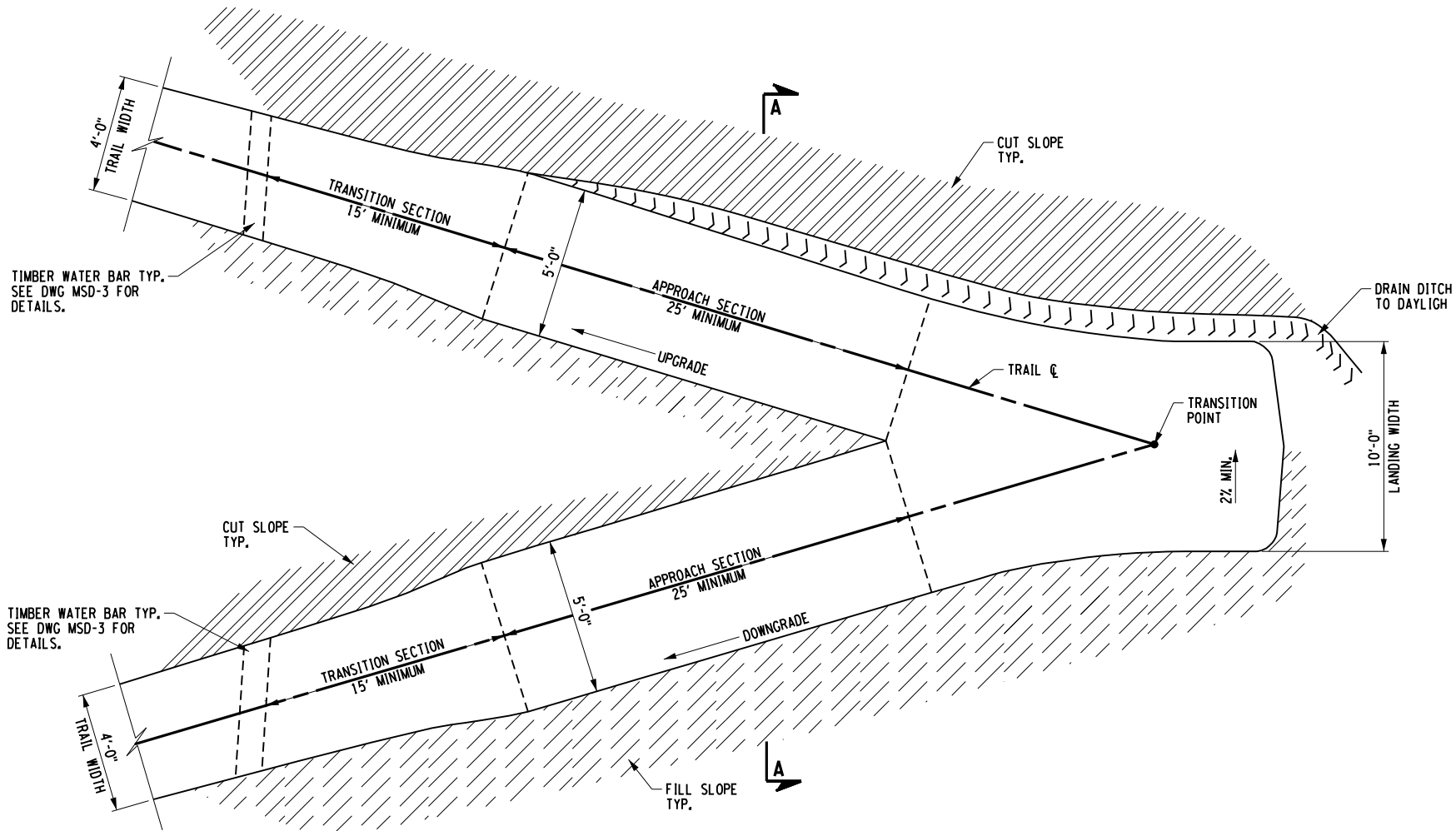
PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL MISCELLANEOUS TABLES	DRAWING NO. MST-1 SHEET NO. 13
TOWN OF WARWICK DOCUMENT NAME: 876002_13_cph_mst_01.dgn				LOCHNER

FILE NAME : 876002_14_cph_msd.01.dgn
DATE/TIME : 18-Mar-21 8:43:24 AM
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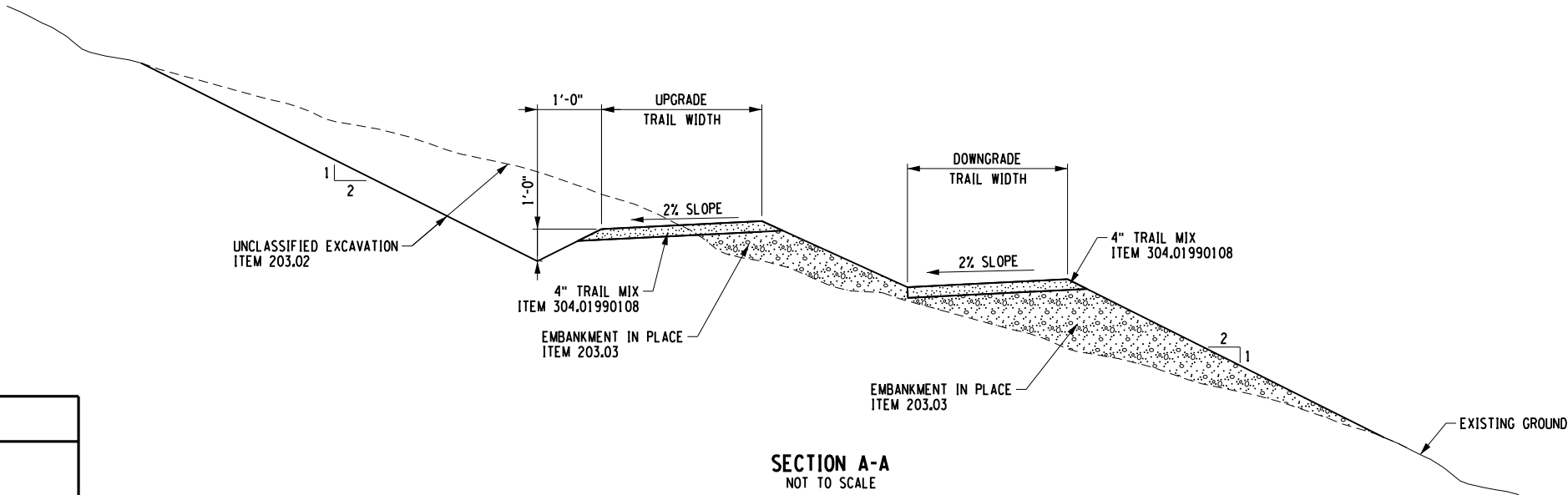
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JOB MANAGER
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PROJECT MANAGER
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NOTES:

1. IT IS ANTICIPATED THAT RECTANGULAR LANDING SWITCHBACKS WILL BE REQUIRED AT STA. 11+46.1, STA. 23+84.4, STA. 34+85.1, AND STA. 42+44.5. ADDITIONAL SWITCHBACKS MAY BE REQUIRED IF THE FINAL TRAIL ALIGNMENT PRODUCES A CHANGE IN HORIZONTAL ALIGNMENT WITH AN INTERIOR ANGLE LESS THAN 30 DEGREES.



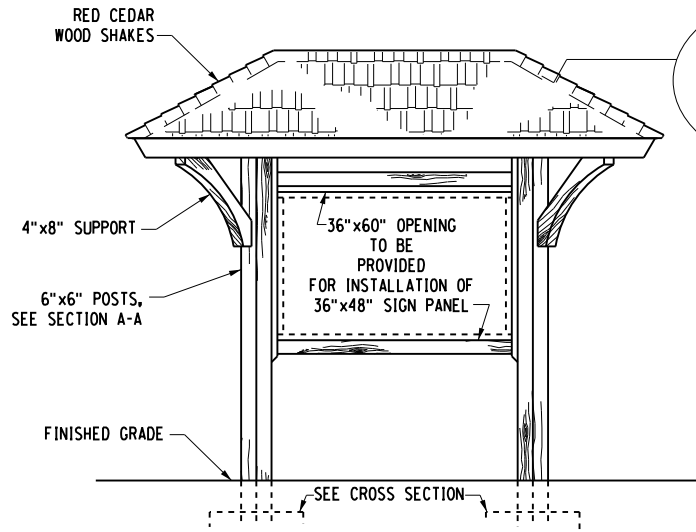
RECTANGULAR LANDING SWITCHBACK
NOT TO SCALE



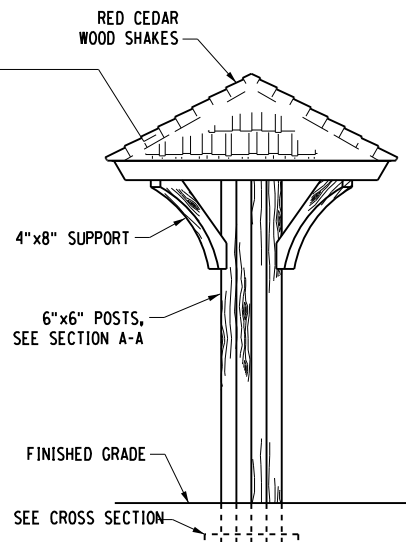
SECTION A-A
NOT TO SCALE

AFFIX SEAL: ON:	ALTERED BY: ON:
	

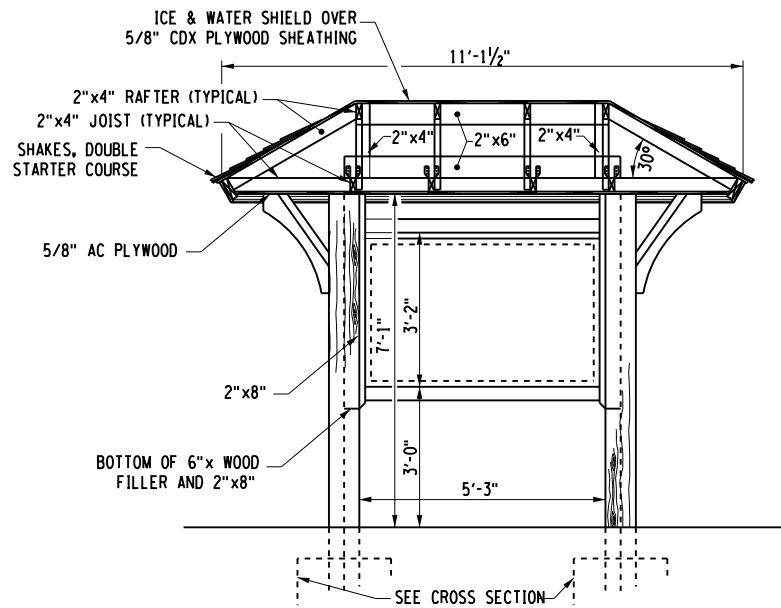
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL MISCELLANEOUS DETAILS	DRAWING NO. MSD-1 SHEET NO. 14
	TOWN OF WARWICK COUNTY: ORANGE					
IT IS A VIOLATION OF LAW 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.					TOWN OF WARWICK DOCUMENT NAME: 876002_14_cph_msd.01.dgn	LOCHNER



FRONT ELEVATION
ITEM 615.10010108
SCALE: 1/2"=1'-0"



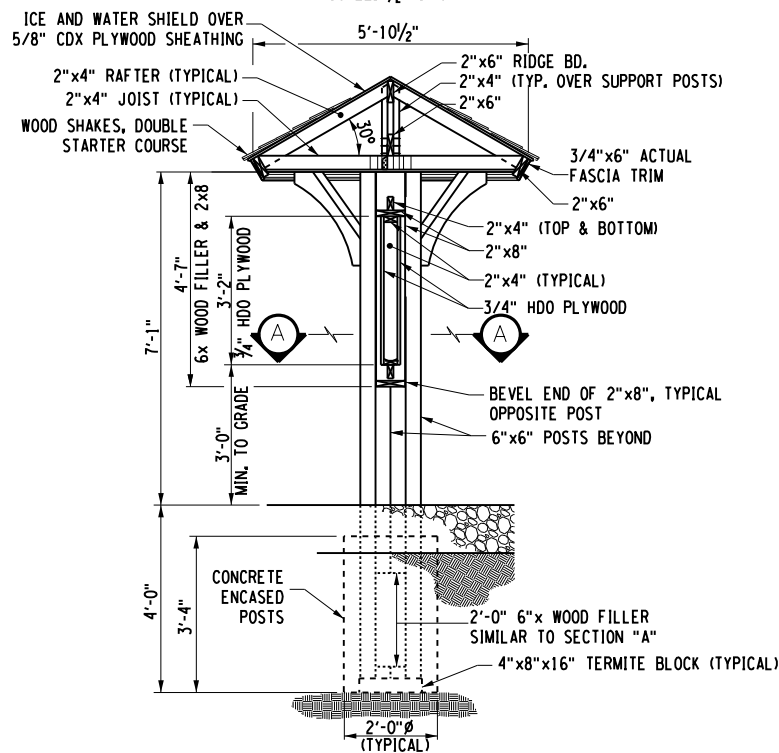
FRONT ELEVATION
ITEM 615.10010108
SCALE: 1/2"=1'-0"



LONGITUDINAL SECTION
ITEM 615.10010108
SCALE: 1/2"=1'-0"

NOTES:

1. ALL EXPOSED WOOD SHALL BE SYP - TREATED, 0.6 LBS/CF RETENTION FOR POSTS, 2x MATERIAL 0.4 LBS/CF.
2. A KIOSK IS TO BE PLACED AS SHOWN ON GNP-2 AT THE CASCADE RD. PARKING AREA AND A KIOSK IS TO BE PLACED AT THE TRAIL HEAD AT THE WARWICK COUNTY PARKING AREA.



CROSS SECTION
SCALE: 1/2"=1'-0"

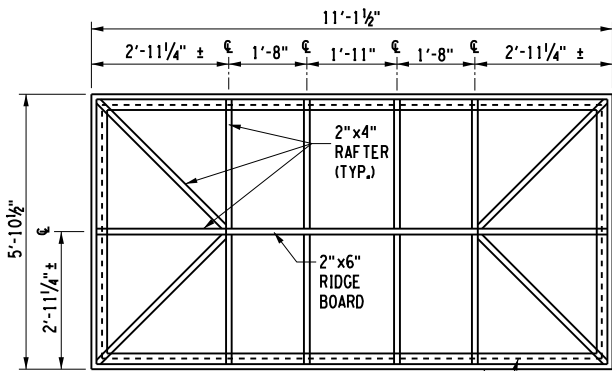
BUILDING CODE SUMMARY

ALL WORK SHALL COMPLY WITH 19 NYCRR (THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE) AND ITS REFERENCE STANDARDS.

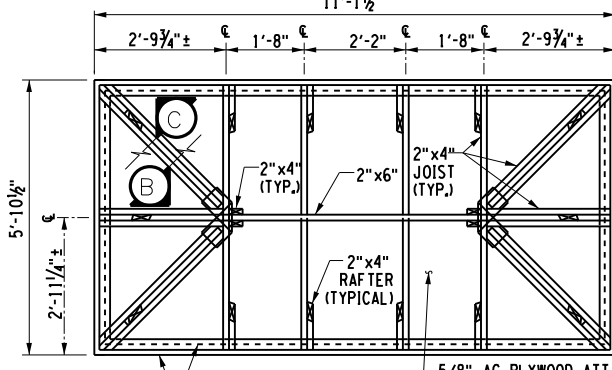
USE AND OCCUPANCY CLASSIFICATION	
SECTION 302 -	GROUP "U"
CONSTRUCTION TYPE	
SECTION 602 -	TYPE V-B

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

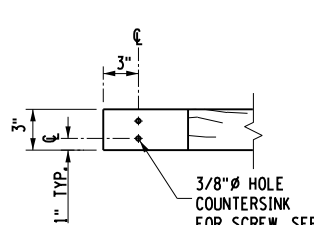
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT,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



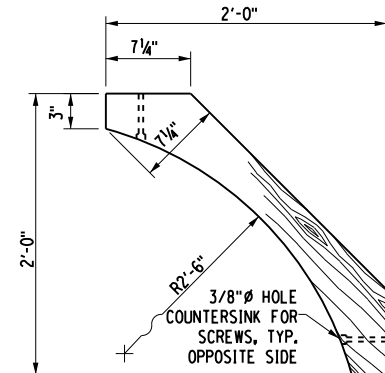
RAFTER PLAN
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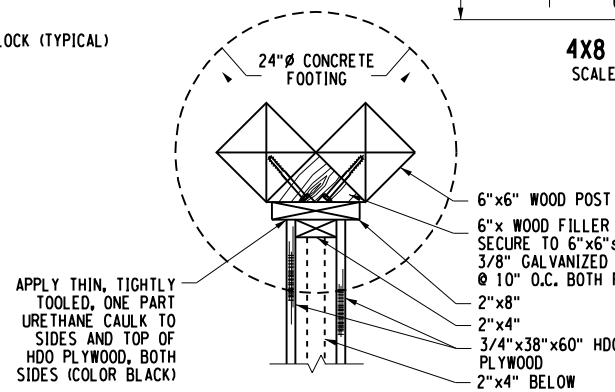
JOIST PLAN
SCALE: 1/2"=1'-0"



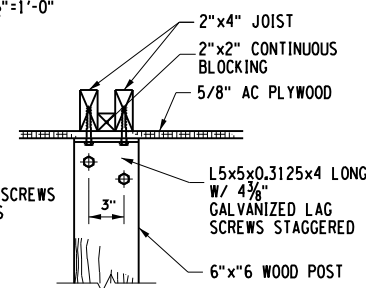
TOP VIEW
SCALE: 1/2"=1'-0"



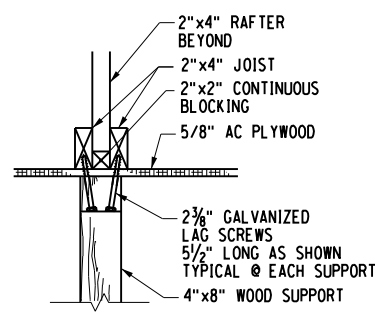
4x8 SUPPORT
SCALE: 1/2"=1'-0"



SECTION A-A
SCALE: 1/2"=1'-0"



SECTION B-B
SCALE: 1/2"=1'-0"



SECTION C-C
SCALE: 1/2"=1'-0"

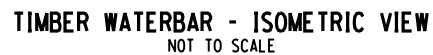
FLOOD LOADS
AVAILABLE INFORMATION INDICATES THAT KIOSK LOCATIONS ARE ABOVE THE 100 YEAR FLOOD PLAIN, COMPARE WITH LOCAL FLOOD HAZARD MAPS WHEN AVAILABLE

BUILDING CODE DESIGN LOADS SUMMARY		
ROOF DEAD LOAD	7 PSF	
GROUND SNOW LOAD, Pg	FIGURE 1608.2	70 PSF
FROM ASCE 7, 7.3, EQ. 7-1		
FLAT ROOF SNOW LOAD - P _f =0.7(C _e)(C _t)(I)(P _g)=	43 PSF	
EXPOSURE FACTOR - TERRAIN CAT. "B" FULLY EXPOSED C _e =0.9		
IMPORTANCE FACTOR - CAT. "I" I _s =0.8		
THERMAL FACTOR - UNHEATED STRUCTURES C _t =1.2		
SLOPED ROOF MODIFICATION - ASCE 7, 7.4		
REDUCTION FACTOR - N/A		
SNOW LOAD, P _s	43 PSF	
WIND LOADS 1609.6 OR ASCE 7, 6.		
1609.6 - SIMPLIFIED		
BASIC WIND SPEED (3 SEC. GUST) FIGURE 1609	- 90 MPH	
TERRAIN CATEGORY - 1609.4 EXPOSURE "B" COEFFICIENT=1.0		
IMP. FACTOR - TABLE 1604.5 - I=0.87		
MAIN WIND FORCE		
TABLE 1609.6.2.1(1) HORIZONTAL COMBINED	= 18PSF	
TABLE 1609.6.2.1(1) VERTICAL	= -23PSF	
COMPONENTS AND CLADDING		
TABLE 1609.6.2.1(2) WALL	= +13PSF; -17PSF	
TABLE 1609.6.2.1(2) ROOF	= -22PSF	
SEISMIC DATA (NON-BUILDING STRUCTURES 1622.2)		
USE GROUP, 1616.2 - SEISMIC USE GROUP I		
SITE CLASS, TABLE 1615.1.1 DEFAULT SITE CLASS "D"		
1622.2.1 WEIGHT 6041 LBS.		
1622.2.2 FUNDAMENTAL PERIOD T _a =0.112		
1622.2.3 AND 1622.2.4 N/A		
1622.2.5 MINIMUM SEISMIC FORCES		
FROM FIGURE 1615(1) - NY - WORSE CASE - S _s = 0.30g		
FROM FIGURE 1615(2) - NY - WORSE CASE - S ₁ = 0.09g		
F _a =TABLE 1615.1.2(1) SITE CLASS "D" = 1.4		
F _v =TABLE 1615.1.2(2) SITE CLASS "D" = 2.4		
S _{ms} =(E _q .16-16) F _a S _s = 1.4(0.30) = 0.42		
S _{m1} =(E _q .16-17) F _v S ₁ = 2.4(0.09) = 0.216		
S _{ds} =(E _q .16-18) 2/3 (S _{ms}) = 2/3(0.42) = 0.28		
S _{d1} =(E _q .16-19) 2/3 (S _{m1}) = 2/3 (0.216) = 0.144		
R = RESPONSE MODIFICATION, TABLE 1622.2.5(1) = 3.5		
SEISMIC BASE SHEAR-1617.4.1 (E _q . 16-34) V = C _s W		
V = C _s W = .039(6041) = 236 LBS.		



TOWN OF WARWICK
DOCUMENT NAME: 876002_15_cph_msd.02.dgn

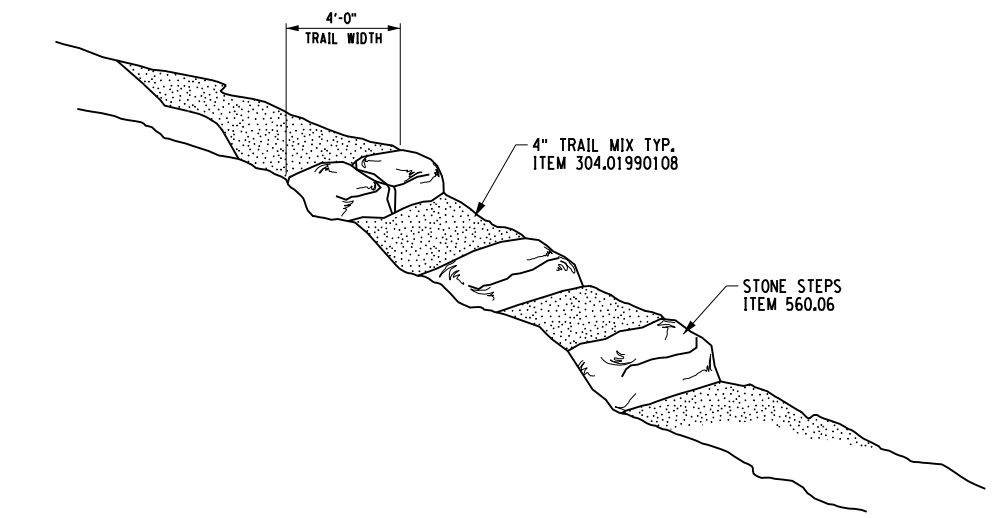
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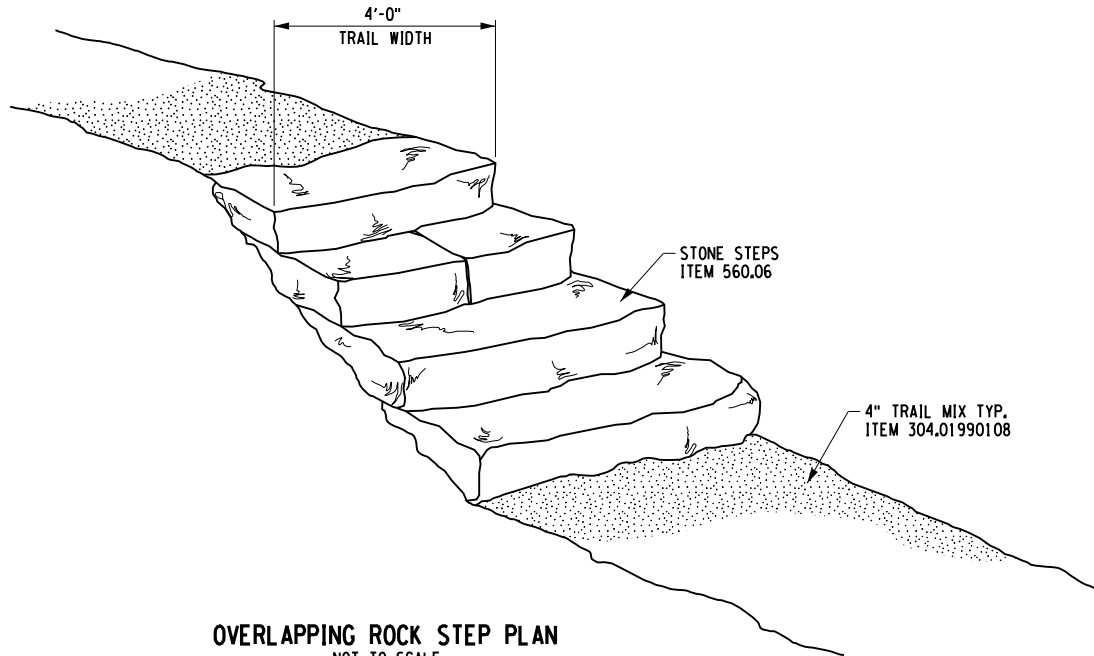
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. MSD-3 SHEET NO. 16
					MISCELLANEOUS DETAILS	
	TOWN OF WARWICK					
	COUNTY: ORANGE					
IT IS A VIOLATION 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.					TOWN OF WARWICK DOCUMENT NAME: 876002.16.cph.msd.03.dgn	LOCHNER

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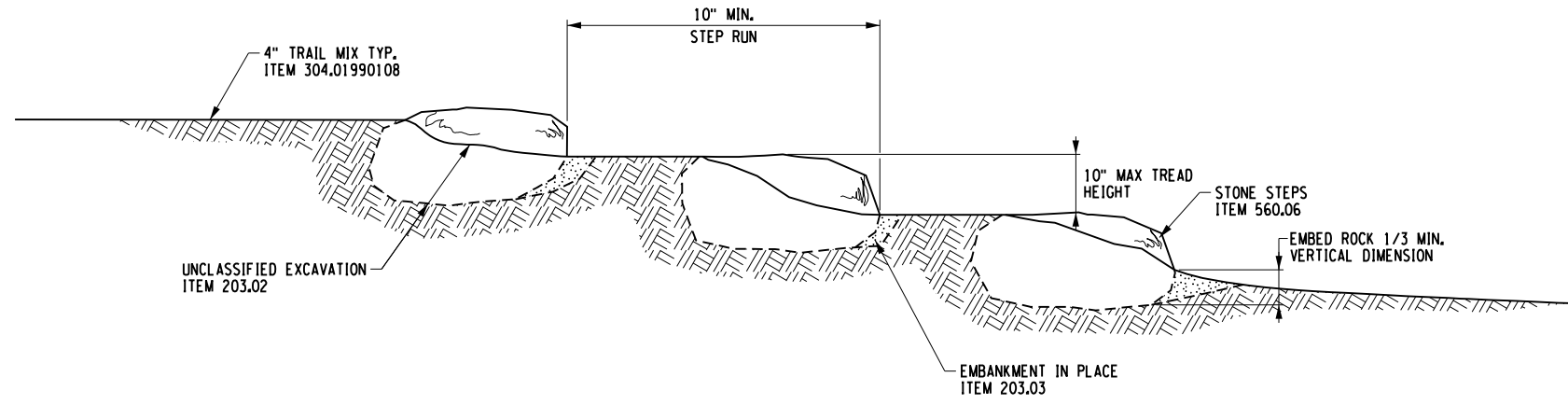
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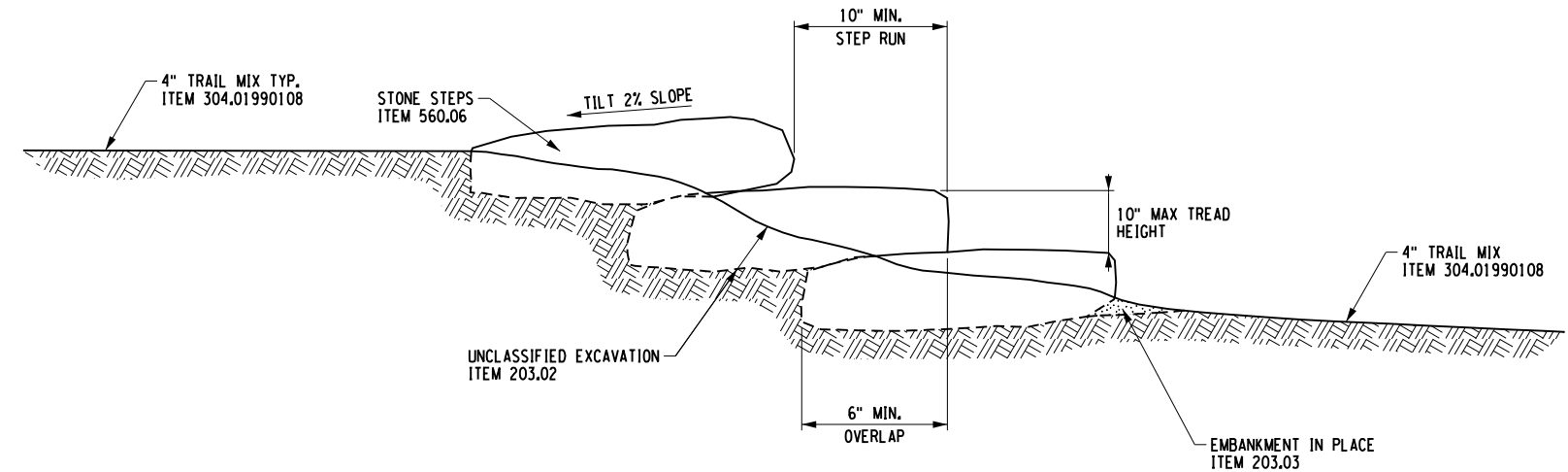
ROCK STEP PLAN
NOT TO SCALE



OVERLAPPING ROCK STEP PLAN
NOT TO SCALE



ROCK STEP SECTION
NOT TO SCALE



OVERLAPPING ROCK STEP SECTION
NOT TO SCALE

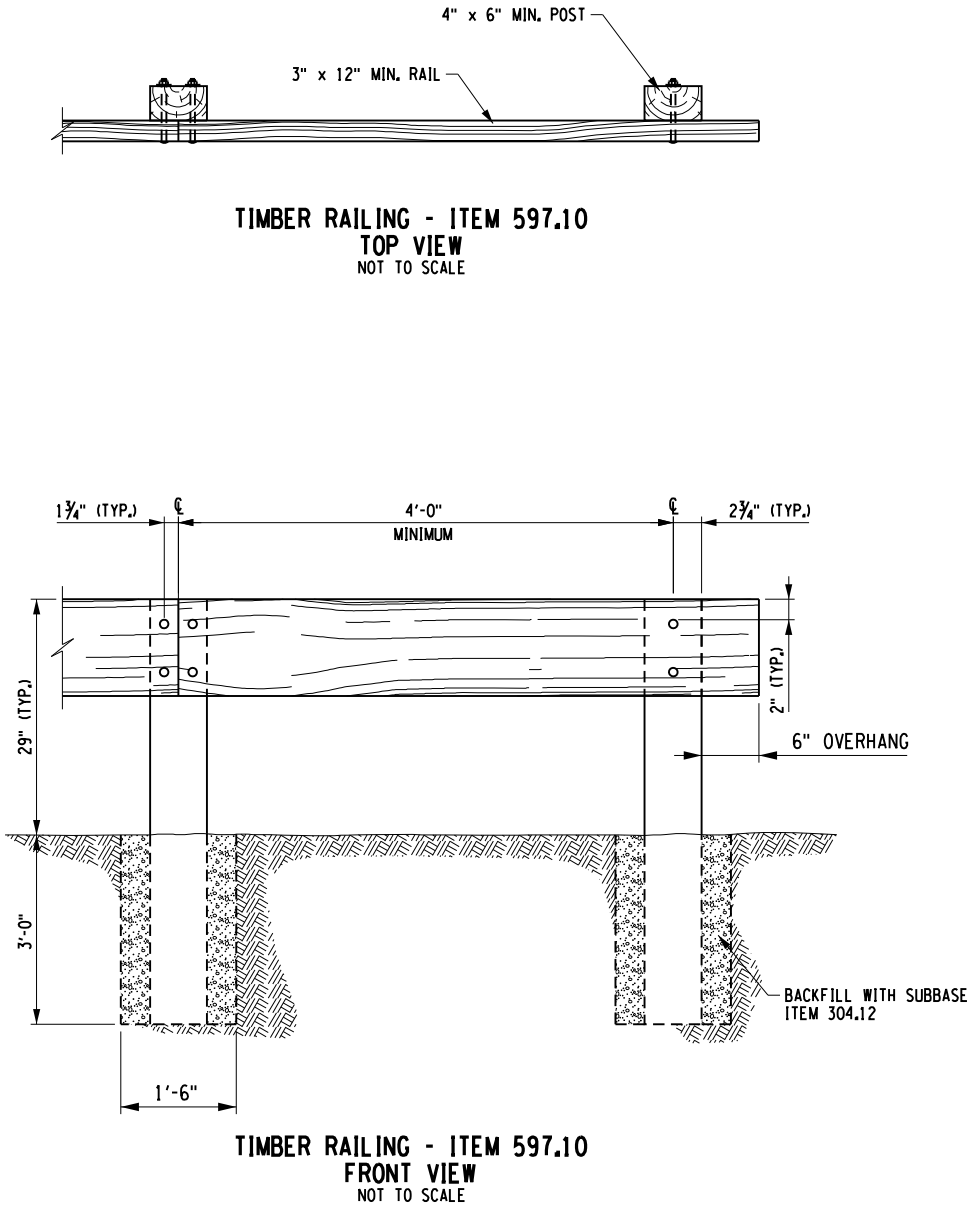
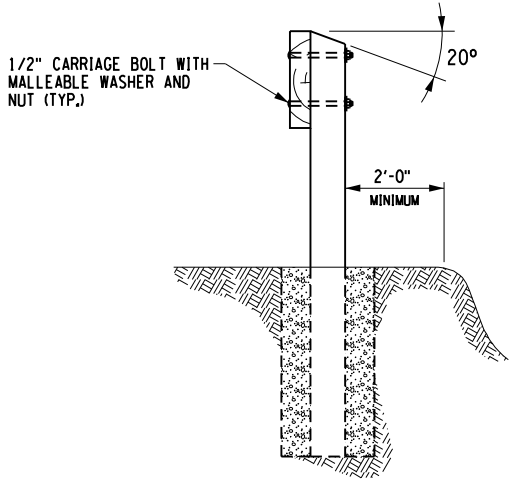
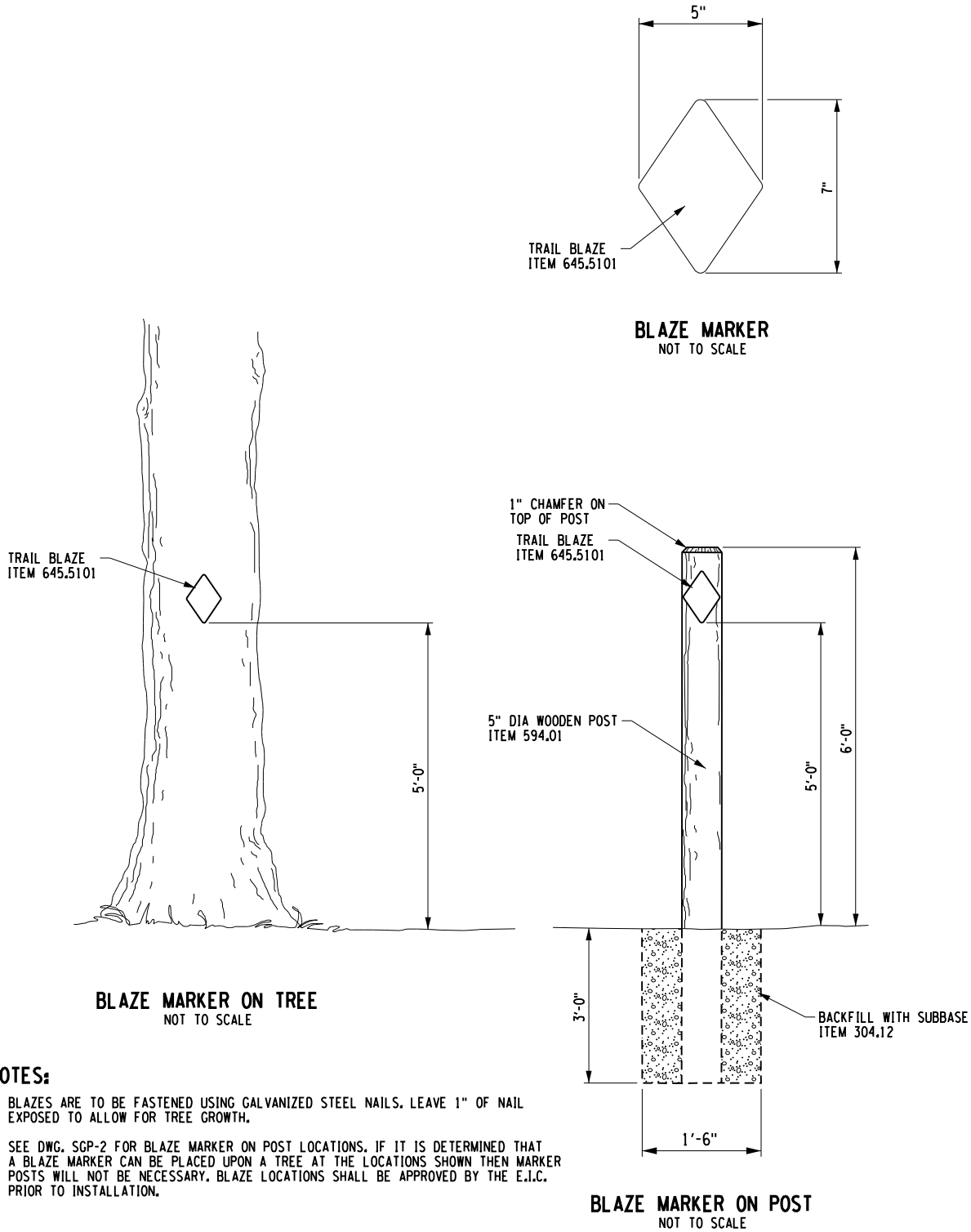
AFFIX SEAL: ON:	ALTERED BY: ON:
	

NOTES:
1. ROCK STEPS WILL BE REQUIRED AT ALL LOCATIONS WHERE THE VERTICAL ALIGNMENT EXCEEDS 30 PERCENT.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL MISCELLANEOUS DETAILS	DRAWING NO. MSD-4 SHEET NO. 17
	TOWN OF WARWICK COUNTY: ORANGE					
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.						TOWN OF WARWICK DOCUMENT NAME: 876002.17_cph_msd.04.dgn
						LOCHNER

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DATE/TIME : 23-Mar-21 10:09:05 AM
USER : NYSDOT.US.User

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D.J.C
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A.J.C
PROJECT MANAGER
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A.J.C



- NOTES:**
1. PRE-DRILL HOLES FOR FASTENERS TO PREVENT SPLITTING OF TIMBERS.
 2. COMPACT BACKFILL IN 6 INCH LIFTS UNTIL NO VISUAL DISPLACEMENT.
 3. ALL HARDWARE SHALL BE GALVANIZED OR STAINLESS STEEL.



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

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.

TOWN OF WARWICK
DOCUMENT NAME: 876002_18_cph_msd_05.dgn

LOCHNER

PIN 8760.02

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER

PS&E DATE

2020

BIKE ROUTE & PEDESTRIAN TRAIL

MISCELLANEOUS DETAILS

DRAWING NO. MSD-5

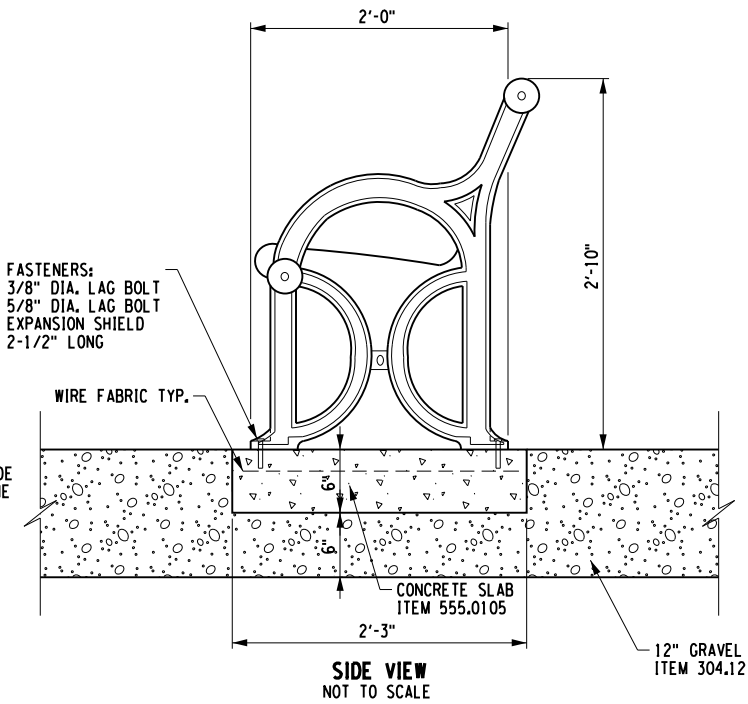
SHEET NO. 18

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DATE/TIME : 11-Aug-23
USER : ANACCARATO 497800.T

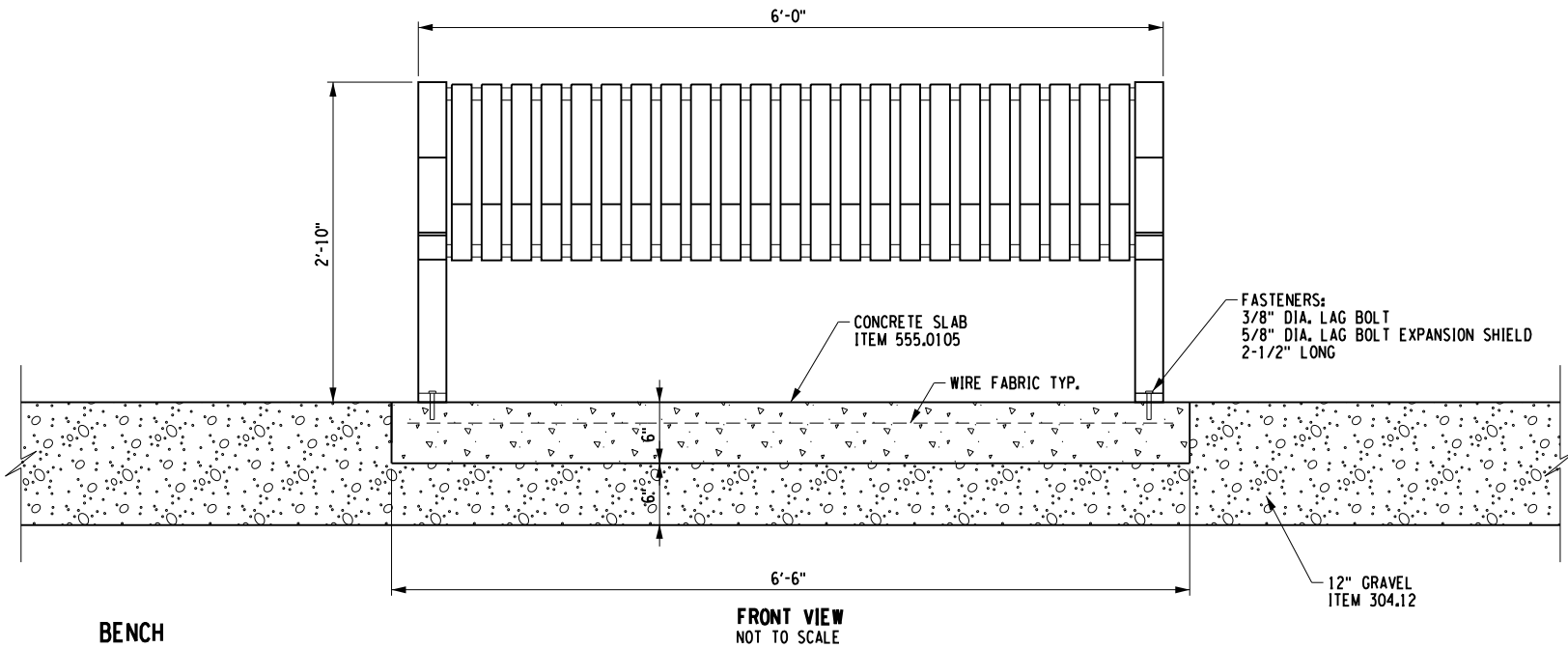
DESIGN SUPERVISOR
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PROJECT MANAGER
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NOTES:

1. THE BENCH SHALL BE AS MANUFACTURED BY:
- LANDSCAPE FORMS
431 LAWDALE AVE.
KALAMAZOO, MI. 49048
(800) 430-6209
WWW.LANDSCAPEFORMS.COM
- MODEL: 72" PLAINWELL, SURFACE MOUNT, ALUMINUM
- OR:
- VICTOR STANLEY
P.O. DRAWER 330
DUNKIRK, MD. 20754
(800)368-2573
WWW.VICTORSTANLEY.COM
- MODEL: 72" C-12, SURFACE MOUNT, DUCTILE IRON CASTING
- OR APPROVED EQUAL.
2. A BENCH IS TO BE PLACED AS SHOWN ON GNP-2 AT THE CASCADE RD. PARKING AREA AND TWO BENCHES ARE TO BE PLACED AT THE TRAIL HEAD AT THE WARWICK COUNTY PARKING AREA.

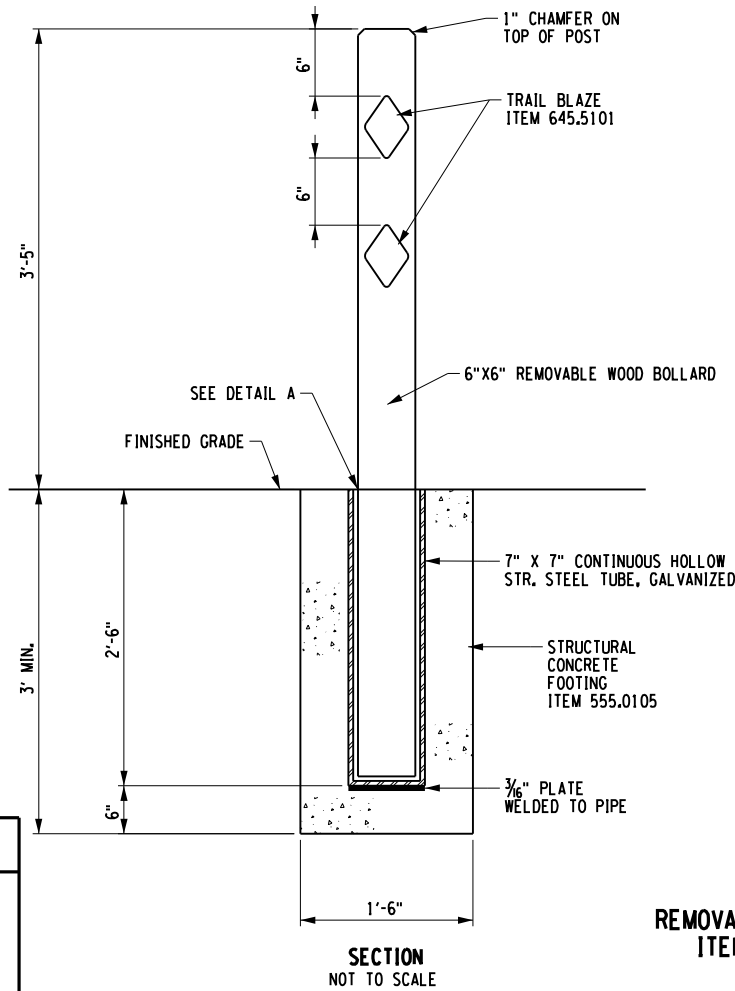


BENCH
ITEM 615.08010005
NOT TO SCALE

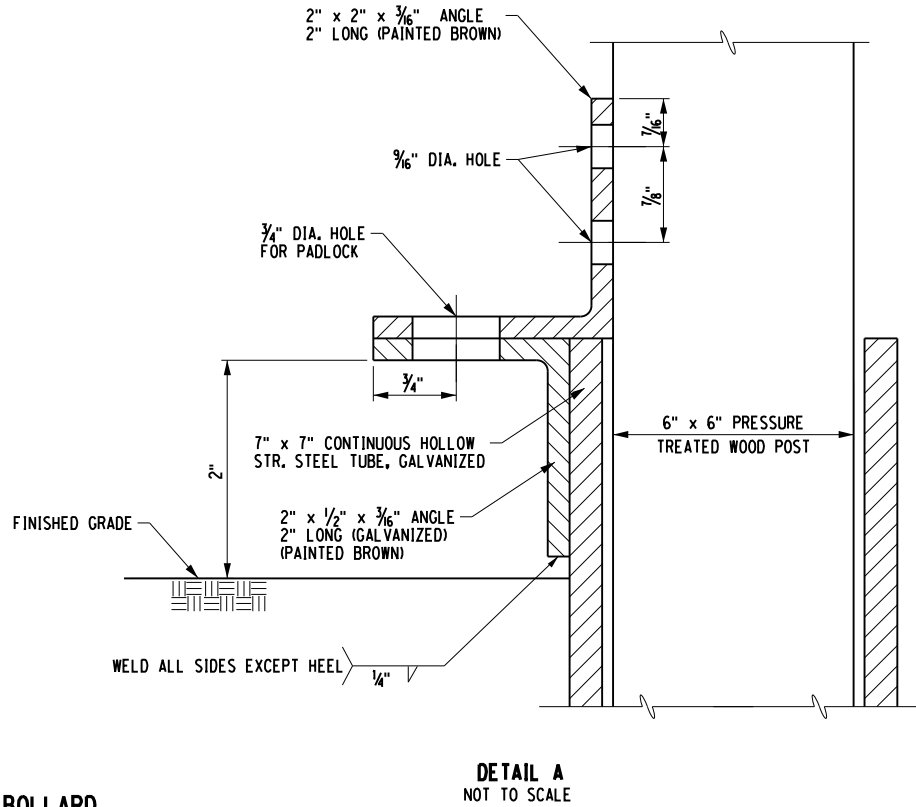


NOTES:

1. BOLLARD HEIGHT SHALL BE 41" ABOVE FINISHED GRADE.
2. BOLLARDS SHALL BE REMOVABLE AND LOCKABLE.
3. BOLLARDS SHALL BE WOOD WITH A LIGHT AND NATURAL STAIN.
4. COST OF ALL WORK ASSOCIATED WITH THE BOLLARD INSTALLATION IS TO BE INCLUDED IN ITEM 608.73136108.
5. PADLOCK TO BE FURNISHED BY OTHERS.



REMOVABLE WOOD BOLLARD
ITEM 618.73136124
NOT TO SCALE

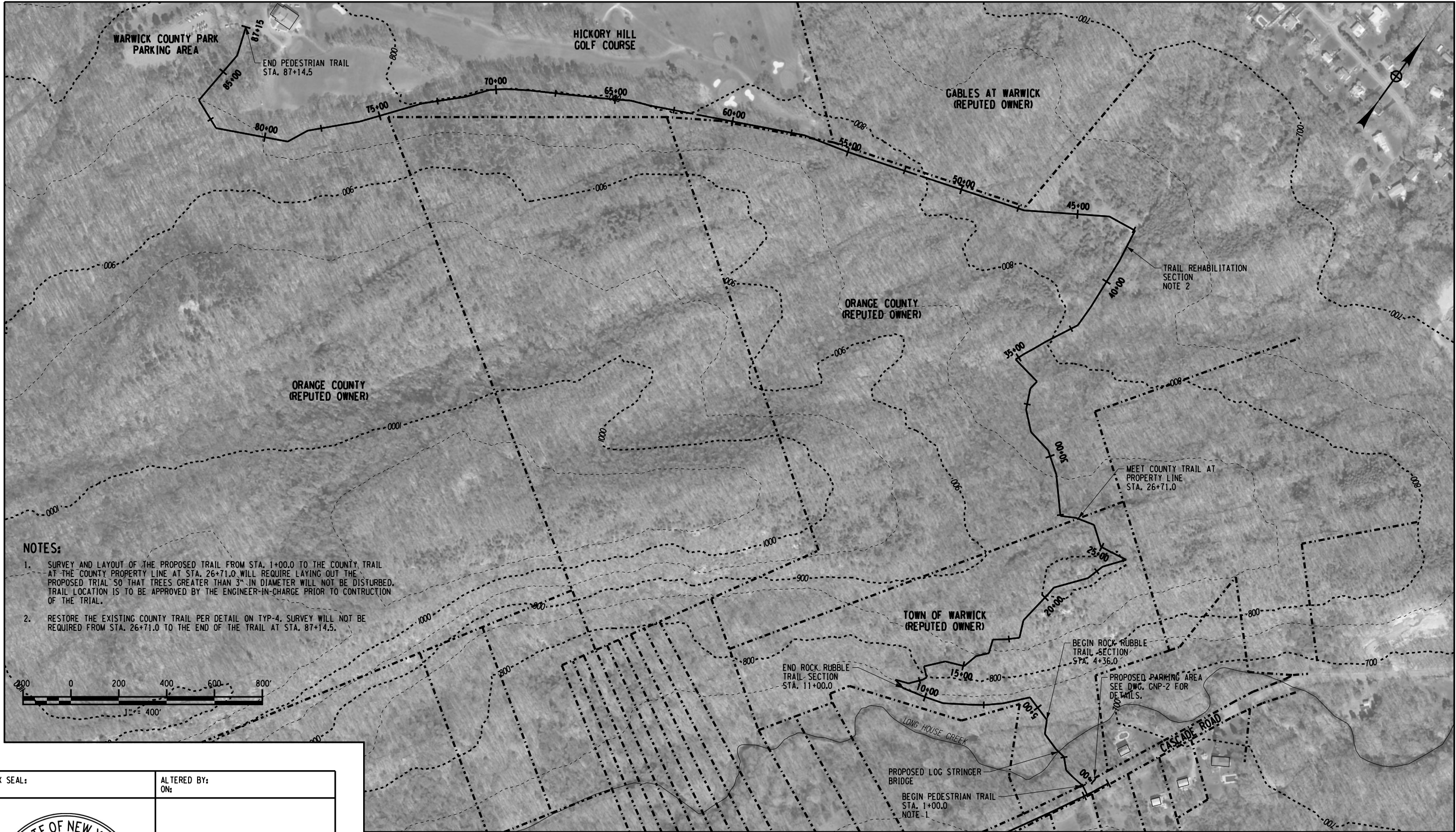


AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. MSD-6
		TOWN OF WARWICK COUNTY: ORANGE			MISCELLANEOUS DETAILS	SHEET NO. 19
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					TOWN OF WARWICK DOCUMENT NAME: 876002_19_cph_msd_06.dgn	LOCHNER

FILE NAME : 876002_20_cph_gnp_01.dgn
DATE/TIME : 22-Mar-23 11:21:10 AM
USER : NYSDOT.US.User

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CHECK
AJC
TER
PROJECT MANAGER
AJC



NOTES:

1. SURVEY AND LAYOUT OF THE PROPOSED TRAIL FROM STA. 1+00.0 TO THE COUNTY TRAIL AT THE COUNTY PROPERTY LINE AT STA. 26+71.0 WILL REQUIRE LAYING OUT THE PROPOSED TRAIL SO THAT TREES GREATER THAN 3" IN DIAMETER WILL NOT BE DISTURBED. TRAIL LOCATION IS TO BE APPROVED BY THE ENGINEER-IN-CHARGE PRIOR TO CONSTRUCTION OF THE TRAIL.
2. RESTORE THE EXISTING COUNTY TRAIL PER DETAIL ON TYP-4. SURVEY WILL NOT BE REQUIRED FROM STA. 26+71.0 TO THE END OF THE TRAIL AT STA. 87+14.5.

AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER	
		PS&E DATE					
		2020					
TOWN OF WARWICK					BIKE ROUTE & PEDESTRIAN TRAIL OFF ROAD PEDESTRIAN TRAIL OVERVIEW	DRAWING NO. GNP-1	
COUNTY: ORANGE						SHEET NO. 20	
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.						TOWN OF WARWICK DOCUMENT NAME: 876002_20_cph_gnp_01.dgn	LOCHNER

FILE NAME : 876002_21.cph.gnp_02.dgn
DATE/TIME : 22-Mar-23 11:23:53 AM
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL PARKING AREA GENERAL PLAN	DRAWING NO. GNP-2 SHEET NO. 21
	TOWN OF WARWICK COUNTY: ORANGE					

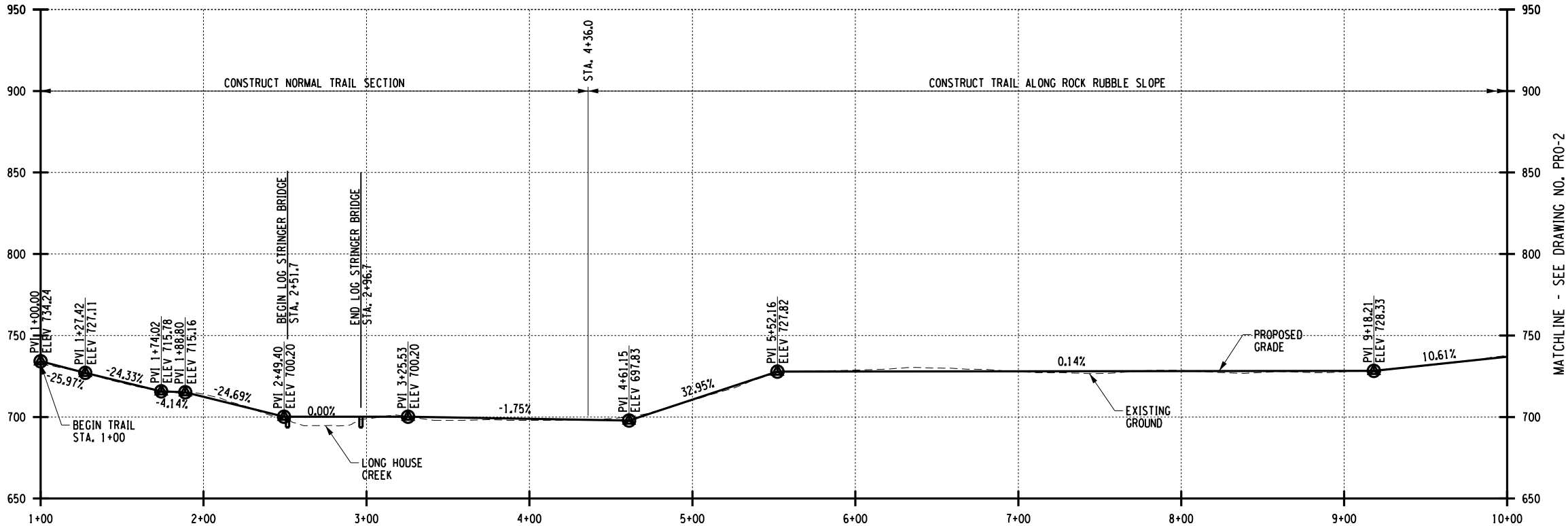
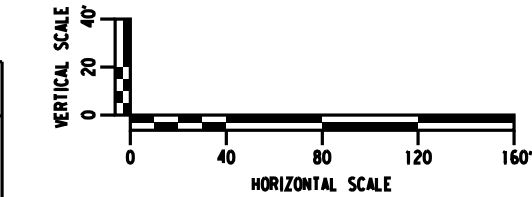
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TOWN OF WARWICK DOCUMENT NAME: 876002_21.cph.gnp_02.dgn	LOCHNER
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.	



- NOTES:**
- APPROXIMATE TRAIL GRADE SHOWN. TRAIL TO FOLLOW EXISTING GROUND UNLESS OTHERWISE SHOWN.
 - RESTING INTERVALS SHALL BE INSTALLED ALONG THE TRAIL IN ACCORDANCE WITH THE FOREST SERVICE ACCESSIBILITY GUIDELINES AND ARE AS FOLLOWS:

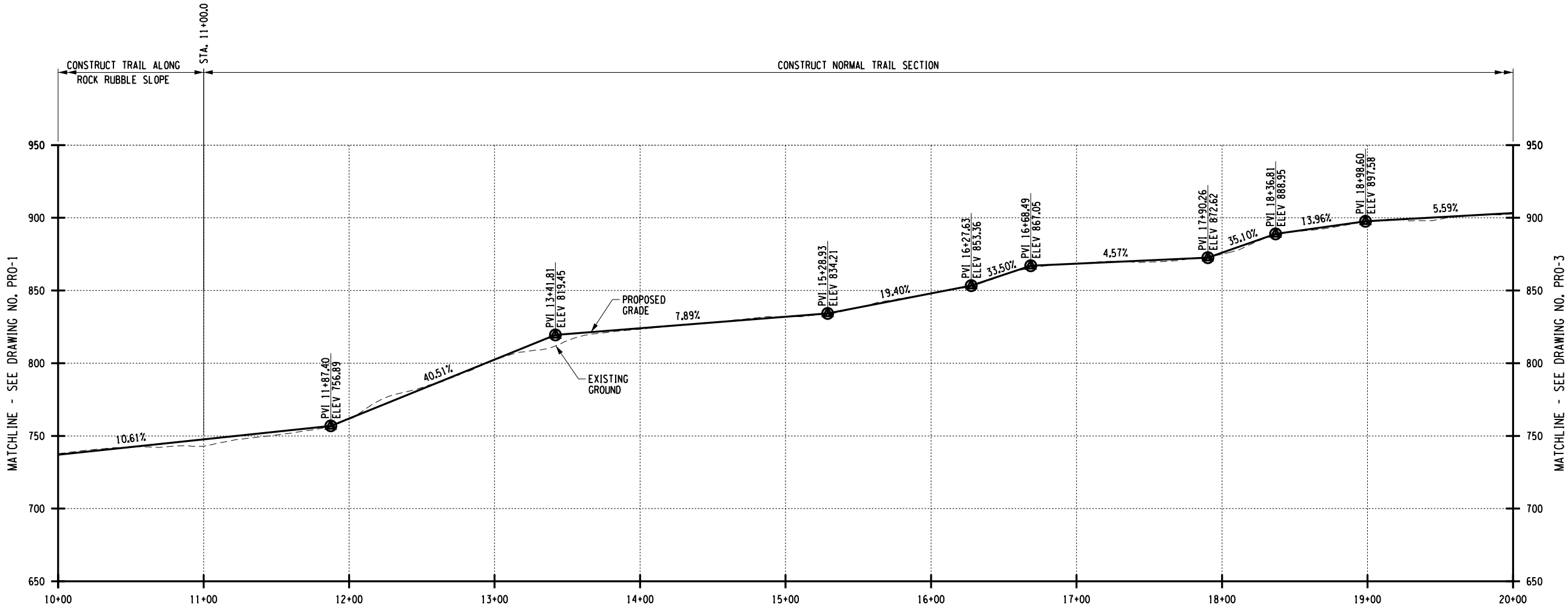
SLOPE:	MAX LENGTH BETWEEN RESTING INTERVALS
5% - 8.33%	200 FT
8.33% - 10%	30 FT
10% - 12%	10 FT

RESTING INTERVALS SHALL HAVE A MAX SLOPE OF 5% IN ALL DIRECTIONS AND SHALL BE A MINIMUM OF 5 FT IN LENGTH.
 - SECTIONS WITH A RUNNING SLOPE OF GREATER THAN 12% WILL REQUIRE ROCK STEPS IN ACCORDANCE WITH DWG. MSD-4.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE			BIKE ROUTE & PEDESTRIAN TRAIL PEDESTRIAN TRAIL PROFILE	DRAWING NO. PRO-1 SHEET NO. 22
	TOWN OF WARWICK COUNTY: ORANGE	2020				
TOWN OF WARWICK DOCUMENT NAME: 876002.22_cph-pro.01.dgn					LOCHNER	

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NOTES:

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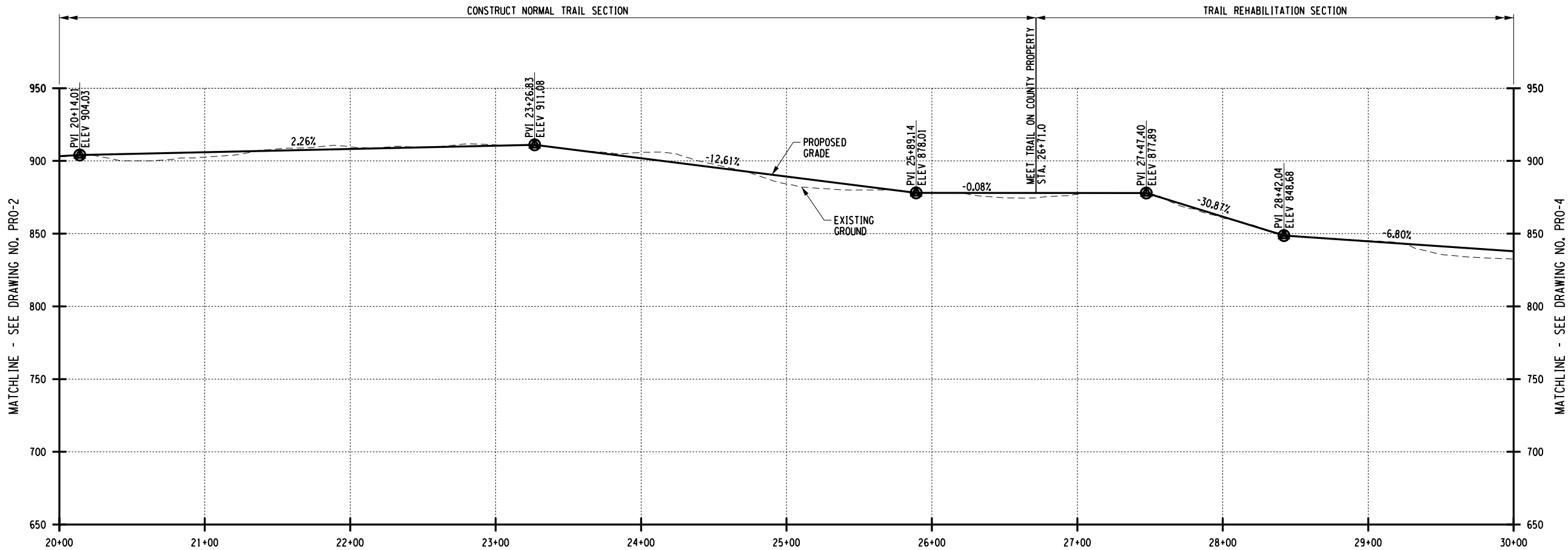
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AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
					BIKE ROUTE & PEDESTRIAN TRAIL PEDESTRIAN TRAIL PROFILE	DRAWING NO. PRO-2
	TOWN OF WARWICK					SHEET NO. 23
	COUNTY: ORANGE					
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.					TOWN OF WARWICK DOCUMENT NAME: 876002.23_cph_pro.02.dgn	LOCHNER

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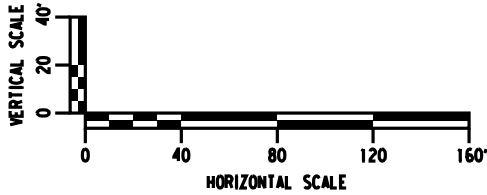
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NOTES:

- APPROXIMATE TRAIL GRADE SHOWN. TRAIL TO FOLLOW EXISTING GROUND UNLESS OTHERWISE SHOWN.
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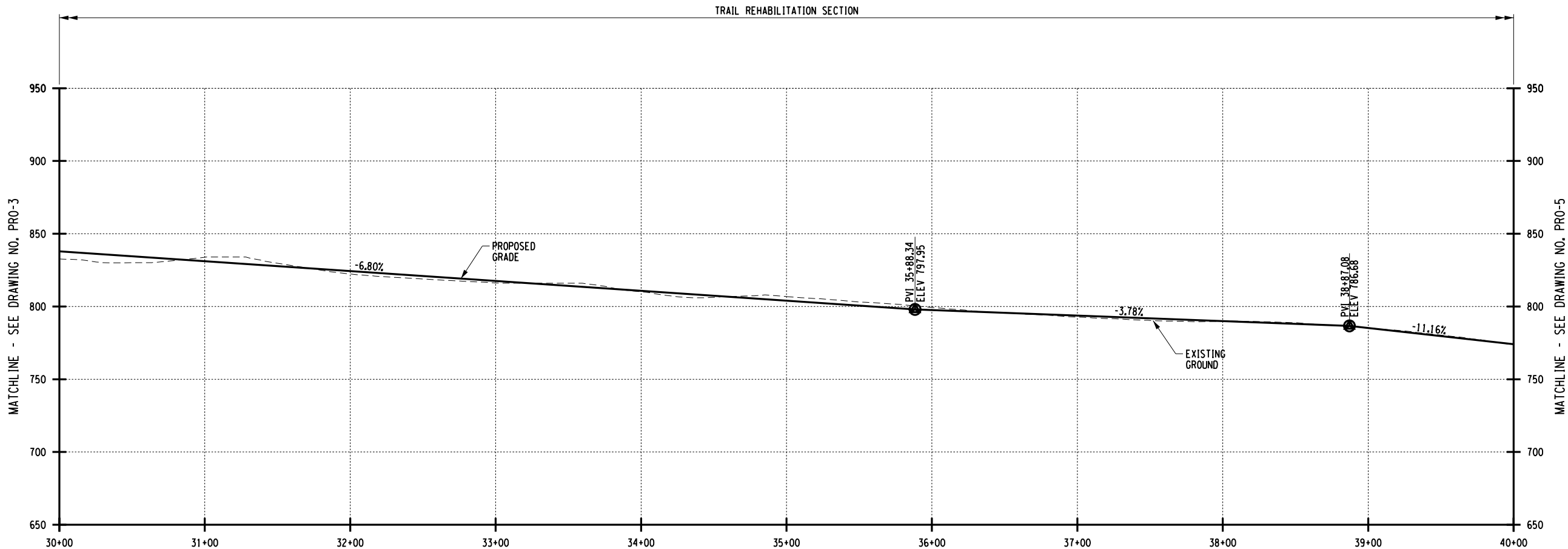
ALTERED BY:
ON:

STATE OF NEW YORK
CHRISTOPHER MICHAEL WEST
103427
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL PEDESTRIAN TRAIL PROFILE	DRAWING NO. PRO-3 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.				TOWN OF WARWICK DOCUMENT NAME: 876002_24_cph-pro.03.dgn	LOCHNER

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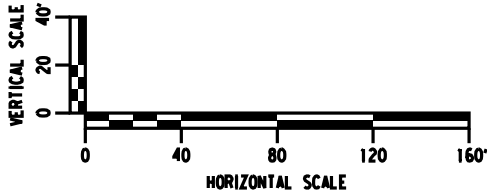


NOTES:

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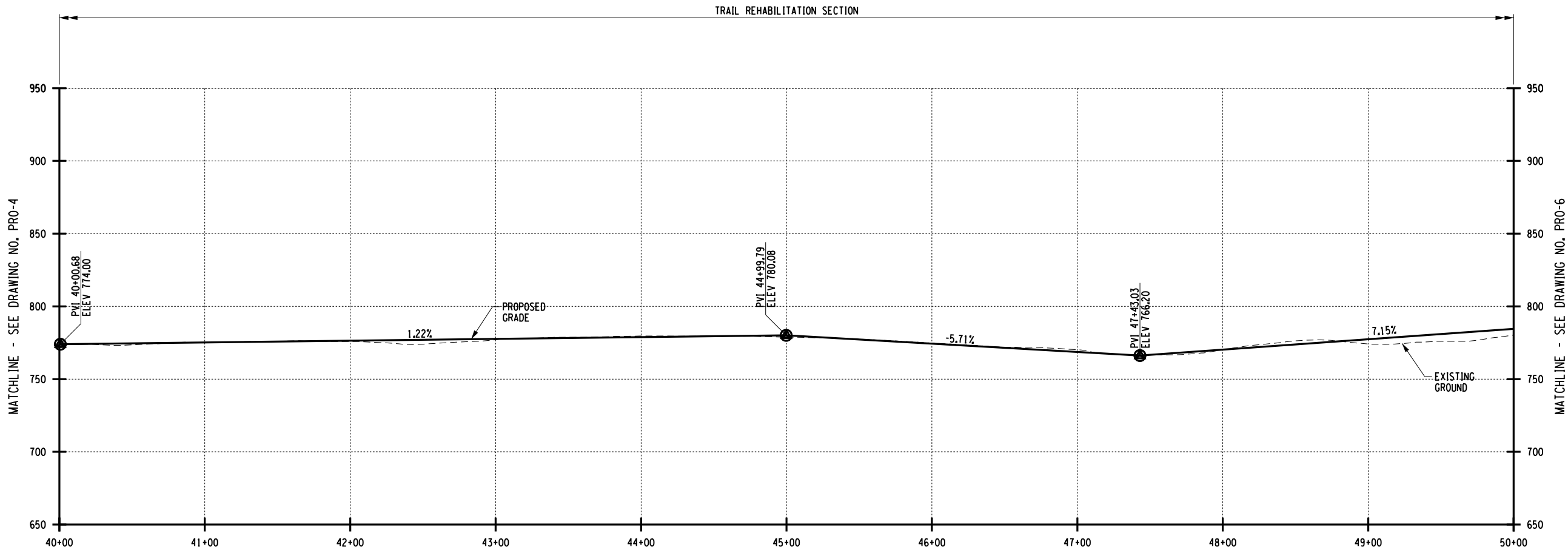


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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020				BIKE ROUTE & PEDESTRIAN TRAIL PEDESTRIAN TRAIL PROFILE
	IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					TOWN OF WARWICK DOCUMENT NAME: 876002_25_cph-pro.04.dgn

FILE NAME : 876002-26_cph-pro.05.dgn
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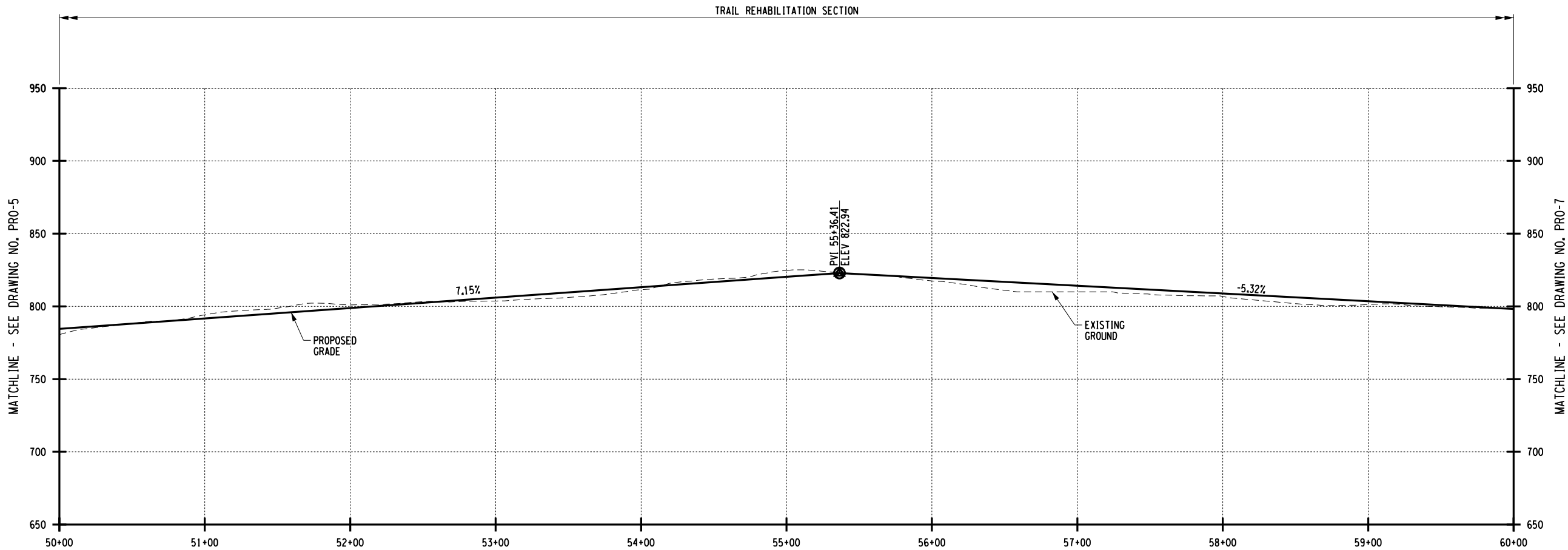
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AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL PEDESTRIAN TRAIL PROFILE	DRAWING NO. PRO-5 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.				TOWN OF WARWICK DOCUMENT NAME: 876002-26_cph-pro.05.dgn	LOCHNER

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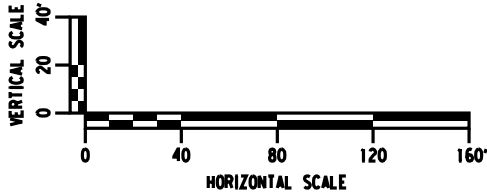


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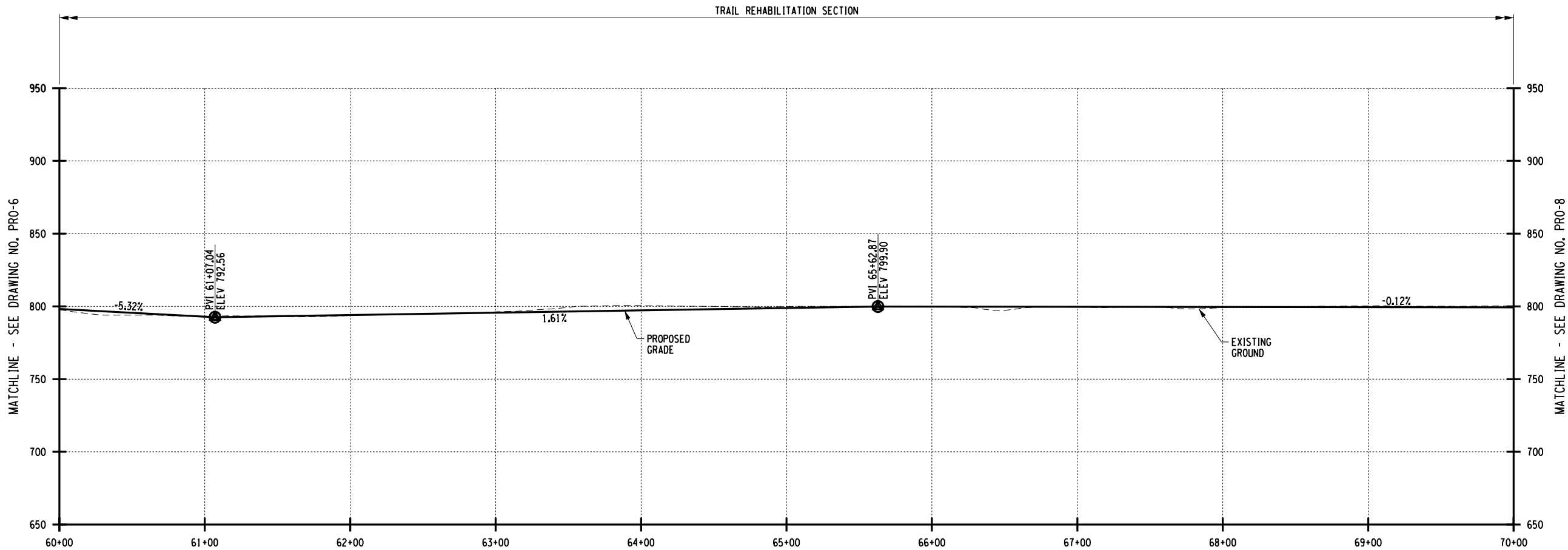


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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL PEDESTRIAN TRAIL PROFILE	DRAWING NO. PRO-6 SHEET NO. 27
	IT IS 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.	TOWN OF WARWICK DOCUMENT NAME: 876002.27_cph-pro.06.dgn		LOCHNER		

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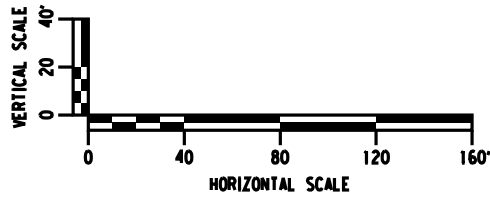


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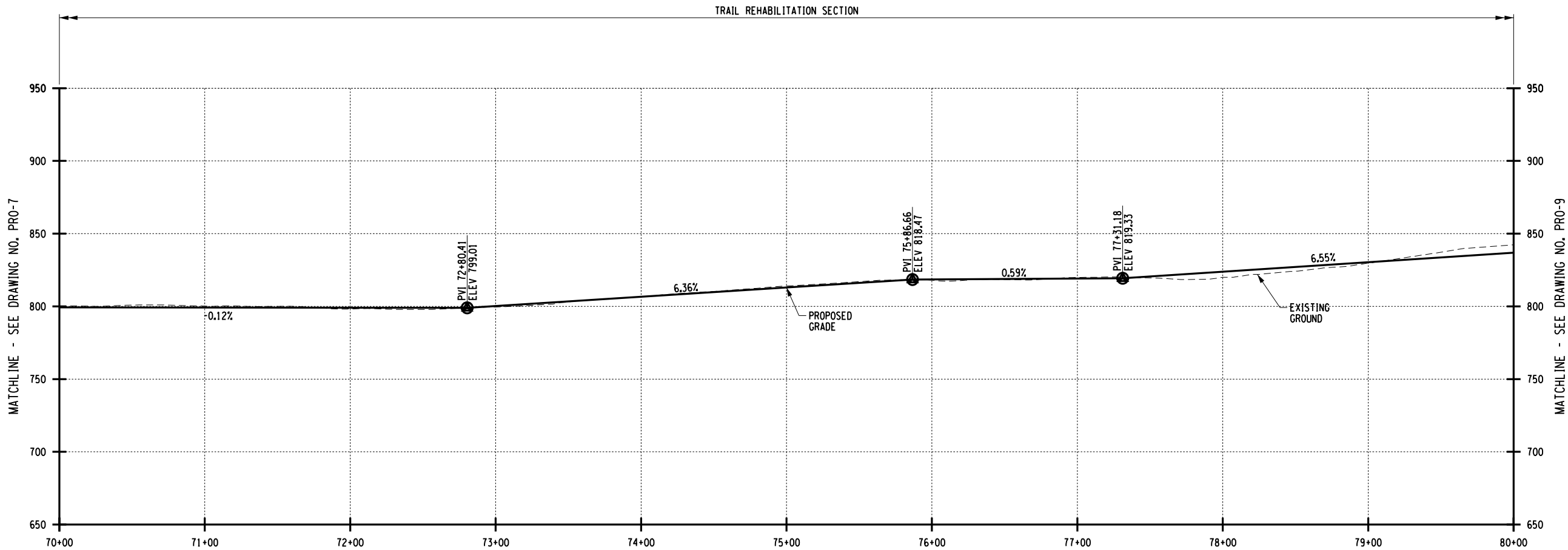


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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. PRO-7 SHEET NO. 28
	TOWN OF WARWICK COUNTY: ORANGE				PEDESTRIAN TRAIL PROFILE	
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					TOWN OF WARWICK DOCUMENT NAME: 876002-28_cph-pro.07.dgn	LOCHNER

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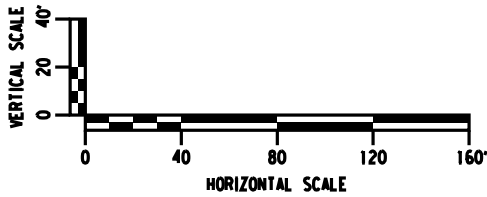
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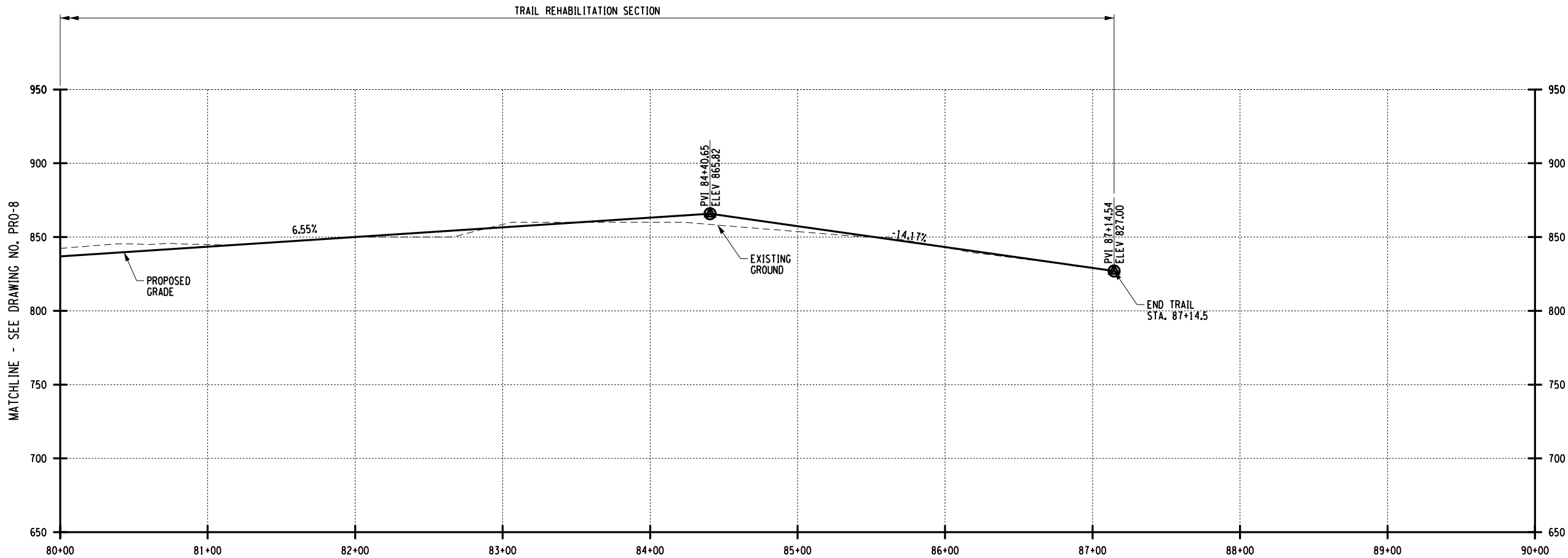


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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. PRO-8 SHEET NO. 29
		TOWN OF WARWICK COUNTY: ORANGE			PEDESTRIAN TRAIL PROFILE	
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					TOWN OF WARWICK DOCUMENT NAME: 876002_29_cph-pro.08.dgn	LOCHNER

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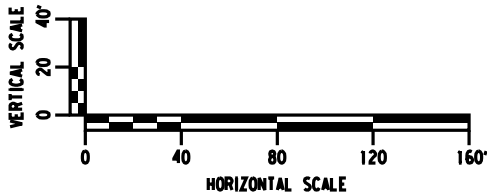


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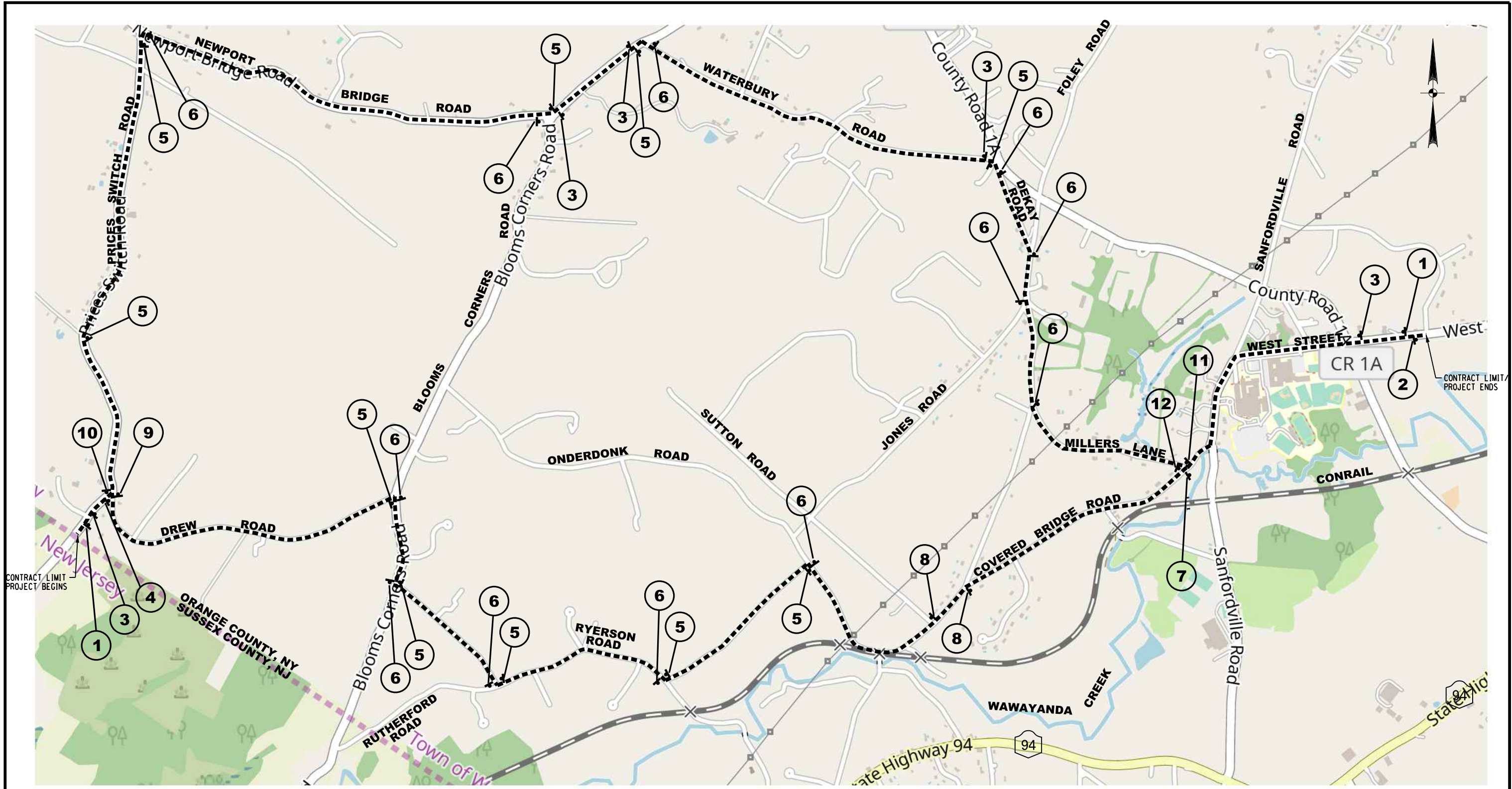
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ON:

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CHRISTOPHER MICHAEL WEST
103427
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE			BIKE ROUTE & PEDESTRIAN TRAIL PEDESTRIAN TRAIL PROFILE	DRAWING NO. PRO-9 SHEET NO. 30
	TOWN OF WARWICK	2020				
	COUNTY: ORANGE					
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.					TOWN OF WARWICK DOCUMENT NAME: 876002_30_cph-pro.09.dgn	LOCHNER

FILE NAME : DGN\$DOCNAME
DATE/TIME : 11-Aug-23
USER : ANACCARATO

DESIGN SUPERVISOR
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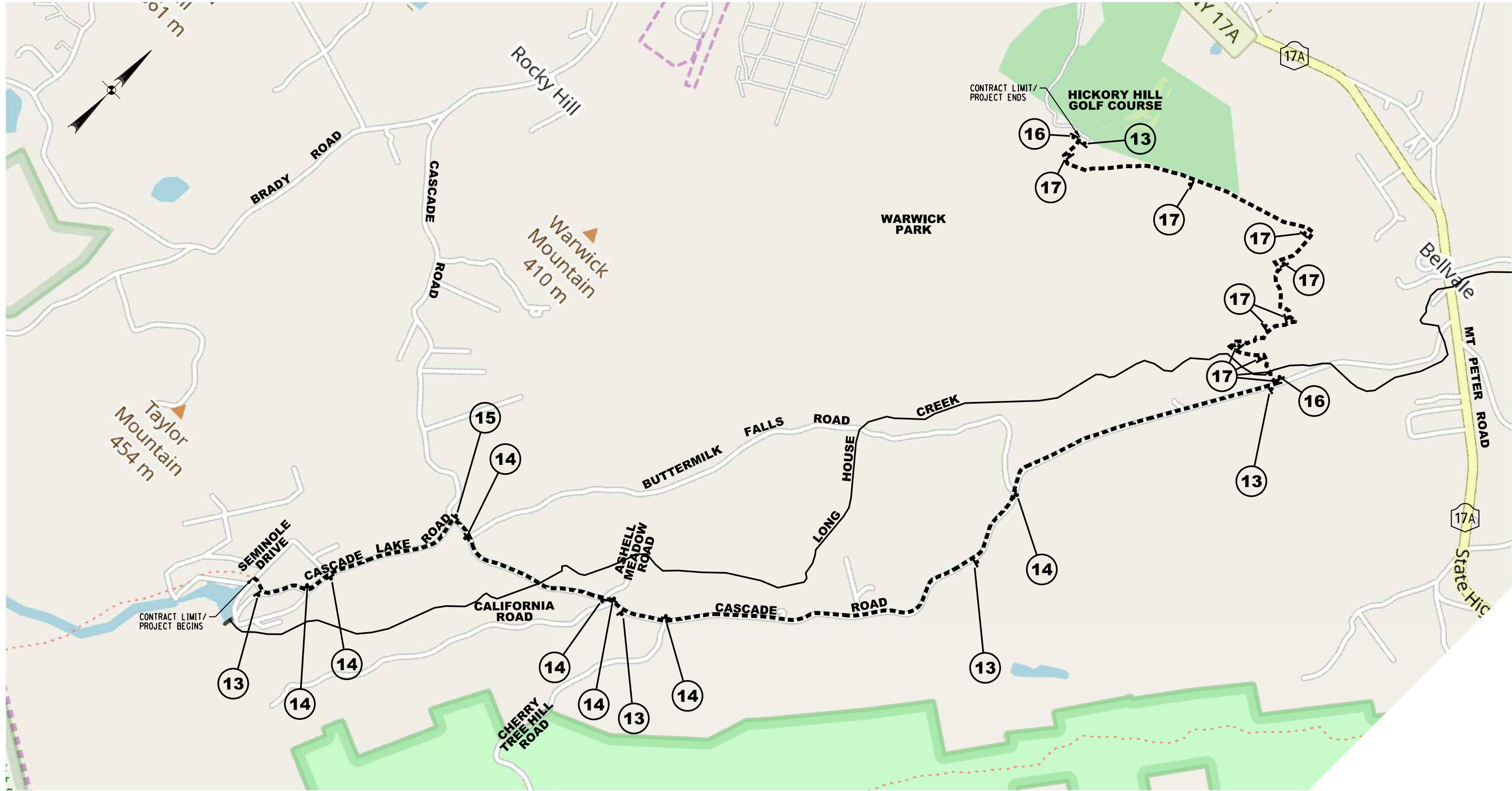


AFFIX SEAL: ON:	ALTERED BY: ON:

LEGEND: SIGN LOCATIONS. SEE DWG. STD-1 FOR SIGN LAYOUTS.		NOTES: 1. ALL SIGNS ARE TO BE INSTALLED AND MAINTAINED WITHIN THE EXISTING HIGHWAY BOUNDARY.				
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL BIKE ROUTE SIGNING PLAN	DRAWING NO. SGP-1 SHEET NO. 31
TOWN OF WARWICK COUNTY: ORANGE				TOWN OF WARWICK DOCUMENT NAME: DGN\$DOCNAME		LOCHNER
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\$DOCNAME
DATE/TIME : 11-Aug-23
USER : ANACCARATO

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AFFIX SEAL: ON:	ALTERED BY: ON:
	

LEGEND:
 SIGN LOCATIONS. SEE DWG. STD-1 FOR SIGN LAYOUTS.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL TRAIL SIGNING PLAN	DRAWING NO. SGP-2 SHEET NO. 32
	TOWN OF WARWICK COUNTY: ORANGE					
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.					TOWN OF WARWICK DOCUMENT NAME: DGN\$DOCNAME	LOCHNER

NOTES:
1. ALL SIGNS ARE TO BE INSTALLED AND MAINTAINED WITHIN THE EXISTING HIGHWAY BOUNDARY.

LOCATION	TEXT	ITEM	SIZE	PAYMENT AREA (SEE NOTE 2)	ITEM	QUANTITY
			AREA (SEE NOTE 2)	TOTAL PAYMENT AREA		
1	 	645.5102	24" X 18"	3.0 SF	645.81	4 EA
			12" X 6"	0.5 SF		
2	 	645.5102	24" X 18"	3.0 SF	645.81	2 EA
			12" X 6"	0.5 SF		
3	 	645.5102	24" X 18"	3.0 SF	645.81	10 EA
			18" X 24"	3.0 SF		
4	 	645.5102	24" X 18"	3.0 SF	645.81	2 EA
			25" X 12"	2.1 SF		
5	 	645.5102	24" X 18"	3.0 SF	645.81	20 EA
			20" X 6"	0.8 SF		
6	 	645.5102	24" X 18"	3.0 SF	645.81	24 EA
			20" X 6"	0.8 SF		
7	 	645.5102	24" X 18"	3.0 SF	645.81	2 EA
			25" X 12"	2.1 SF		
8	 	645.5102	24" X 18"	3.0 SF	645.81	4 EA
			20" X 6"	0.8 SF		

AFFIX SEAL: ON: ALTERED BY: ON:

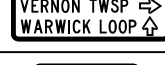
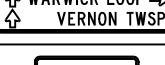


SIGNING NOTES:

- SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL INSTALL NEW SIGNS AND RELOCATE EXISTING SIGNS IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
- THE AREA AND PAYMENT AREA FOR SIGNS ARE FROM THE APPLICABLE STANDARD SHEETS OR SIGN FACE LAYOUTS.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

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.

LOCATION	TEXT	ITEM	SIZE	PAYMENT AREA (SEE NOTE 2)	ITEM	QUANTITY
			AREA (SEE NOTE 2)	TOTAL PAYMENT AREA		
9	 	645.5102	24" X 18"	3.0 SF	645.81	2 EA
			25" X 12"	2.1 SF		
10	 	645.5102	24" X 18"	3.0 SF	645.81	2 EA
			25" X 12"	2.1 SF		
11	 	645.5102	24" X 18"	3.0 SF	645.81	2 EA
			25" X 12"	2.1 SF		
12	 	645.5102	24" X 18"	3.0 SF	645.81	2 EA
			25" X 12"	2.1 SF		
13	 	645.5102	18" X 24"	3.0 SF	645.81	10 EA
			18" X 18"	2.3 SF		
14	 	645.5102	18" X 18"	2.3 SF	645.81	14 EA
			12" X 9"	0.8 SF		
15	 	645.5102	18" X 18"	2.3 SF	645.81	2 EA
			12" X 9"	0.8 SF		
16	 	645.5102	18" X 18"	2.3 SF	645.81	4 EA
			12" X 18"	1.5 SF		
17	 	645.5101	12" X 9"	0.8 SF	608.73136108 594.01	5 EA 8 EA
			5" X 7"	0.3 SF		

PIN 8760.02

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER

PS&E DATE

2020

BIKE ROUTE & PEDESTRIAN TRAIL

DRAWING NO. STD-1

SIGN TEXT DATA

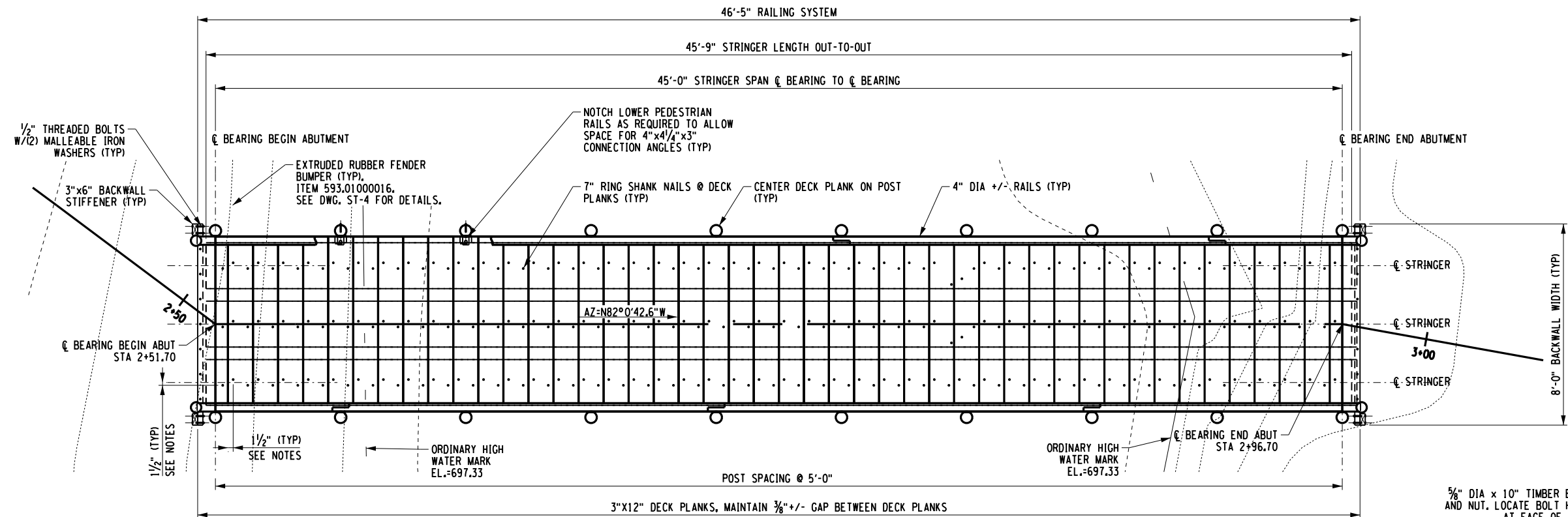
SHEET NO. 33

TOWN OF WARWICK
DOCUMENT NAME: 876002.33.cph.std.01.dgn

LOCHNER

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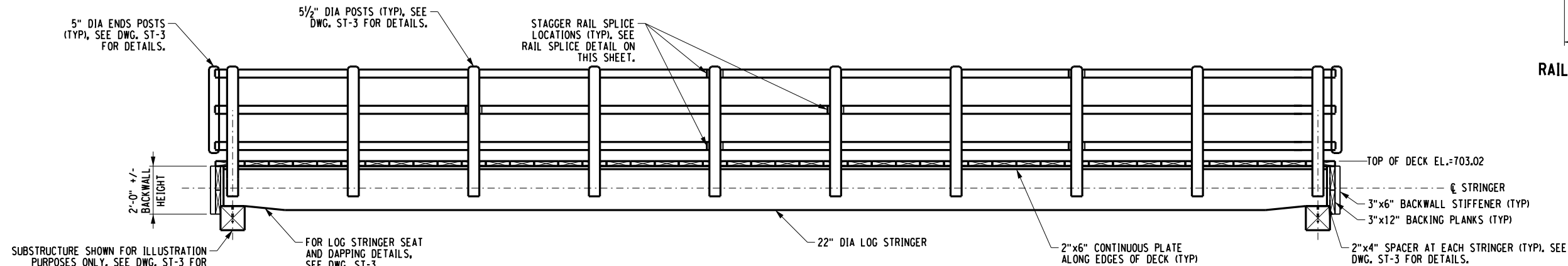
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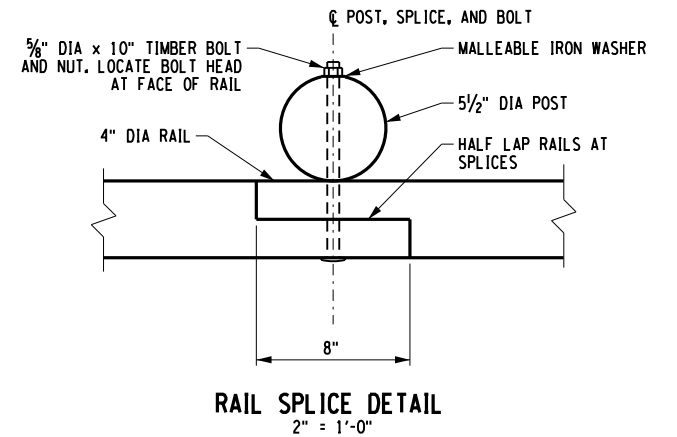
NOTES:

1. NAIL PATTERN OFFSET 1/2" EACH WAY FROM THE C OF THE STRINGER.
2. NAIL 1/2" FROM EDGES OF BOARD.

LOG STRINGER BRIDGE - GENERAL PLAN
1" = 5'



LOG STRINGER BRIDGE - ELEVATION
1" = 5'



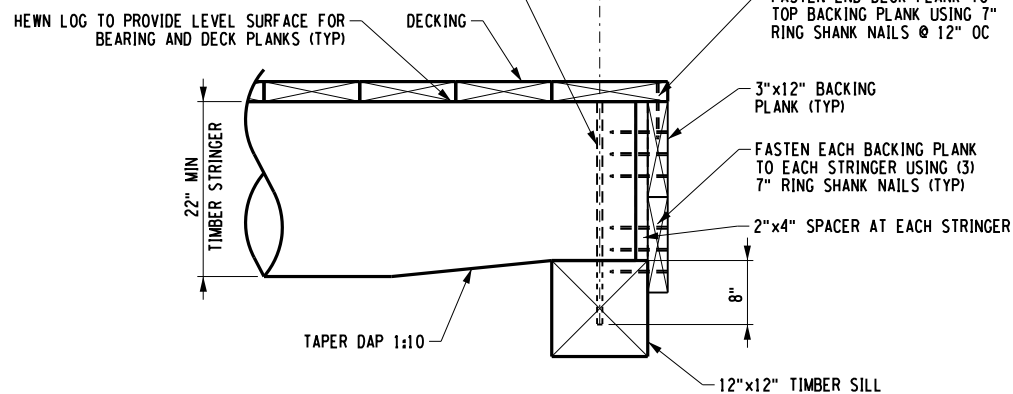
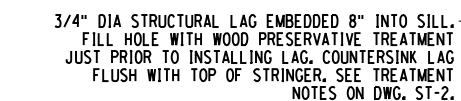
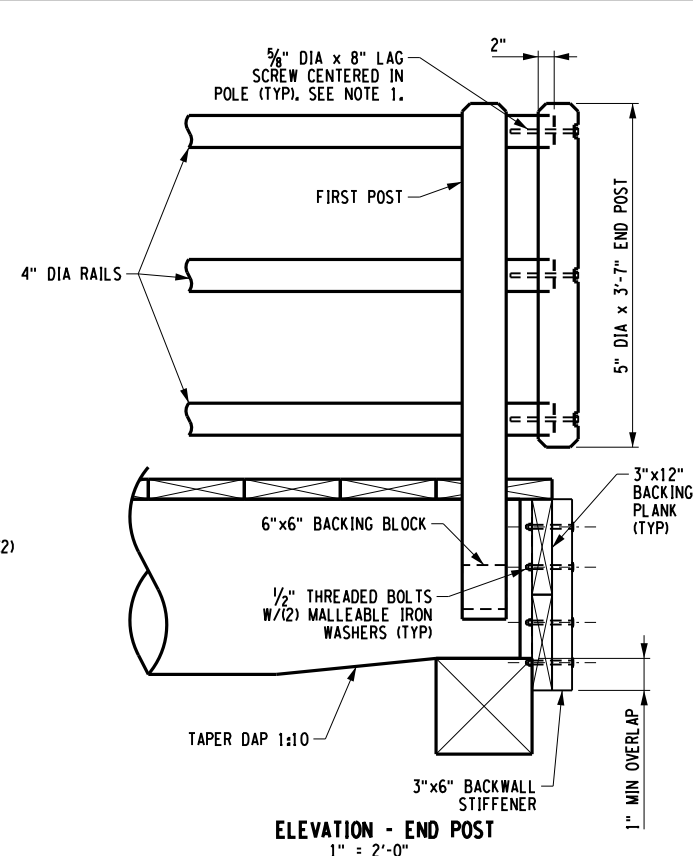
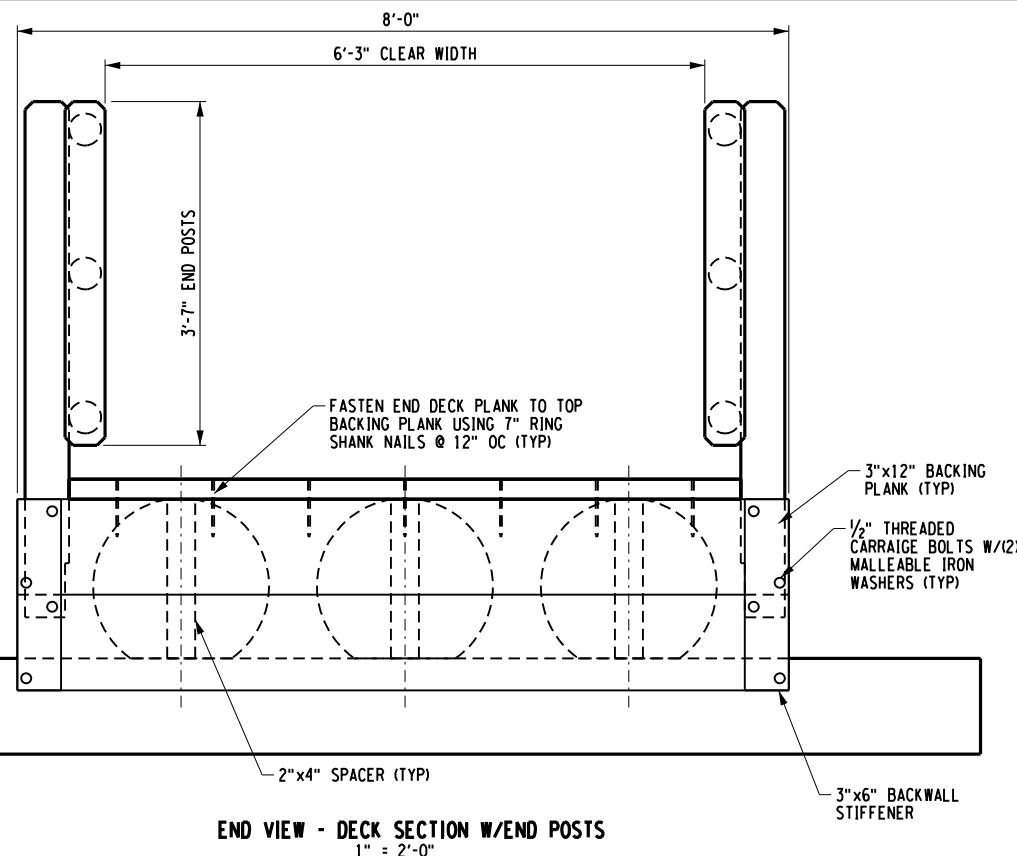
NOTES:

1. SPLICE RAILS AT POSTS. RAILS SHALL BE CONTINUOUS FOR A MINIMUM OF TWO POST SPACES. ALTERNATE RAIL SPLICES AT POSTS.
2. FASTEN DECK PLANKS TO STRINGERS WITH TWO ROWS 5/16-INCH DIAMETER X 7-INCH RING SHANK NAILS PER PLANK AT EACH STRINGER, ALTERNATE SIDES.
3. ALL TIMBER ELEMENTS OF THE LOG STRINGER BRIDGE ARE TO BE PAID UNDER ITEM 594.03. SEE DWG. ST-2 FOR LOG STRINGER BRIDGE LUMBER SCHEDULE.
4. COST OF ALL FASTENERS USED TO CONSTRUCT THE LOG STRINGER BRIDGE ARE TO BE INCLUDED IN ITEM 594.03 UNLESS OTHERWISE NOTED.

AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL GENERAL BRIDGE PLAN & ELEVATION	DRAWING NO. ST-1 SHEET NO. 34
TOWN OF WARWICK DOCUMENT NAME: 876002_34_cpb-gen.01.dgn						LOCHNER

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.



LOG STRINGER DAPPING
1" = 2'-0"

ELEVATION
1" = 2'-0"

LOG STRINGER BRIDGE ABUTMENT CONNECTION DETAILS
1" = 2'-0"

TOWN OF WARWICK
COUNTY: ORANGE

PS&E DATE	2020
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CULVERTS

BIKE ROUTE & PEDESTRIAN TRAIL
MISCELLANEOUS BRIDGE DETAILS NO. 1

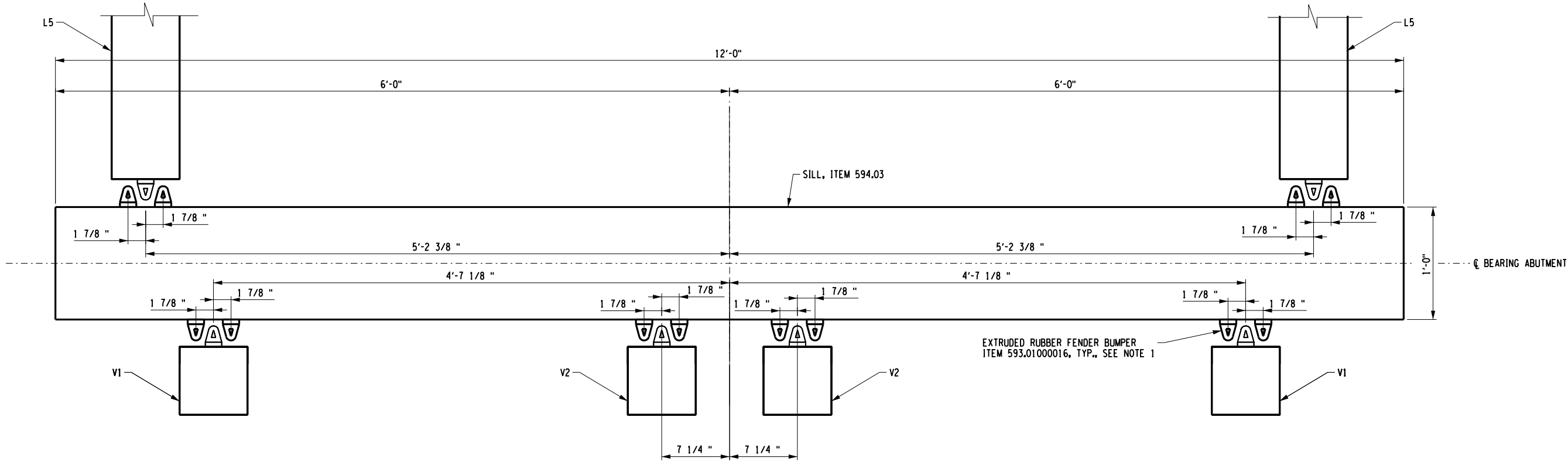
DRAWING NO. ST-3
SHEET NO. 36

TOWN OF WARWICK
DOCUMENT NAME: 876002_36_cpb_msd_01.dgn

LOCHNER

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DATE/TIME : 22-Mar-21 12:02:51 PM
USER : NYSDOT.US.User

DESIGN SUPERVISOR
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PROJECT MANAGER
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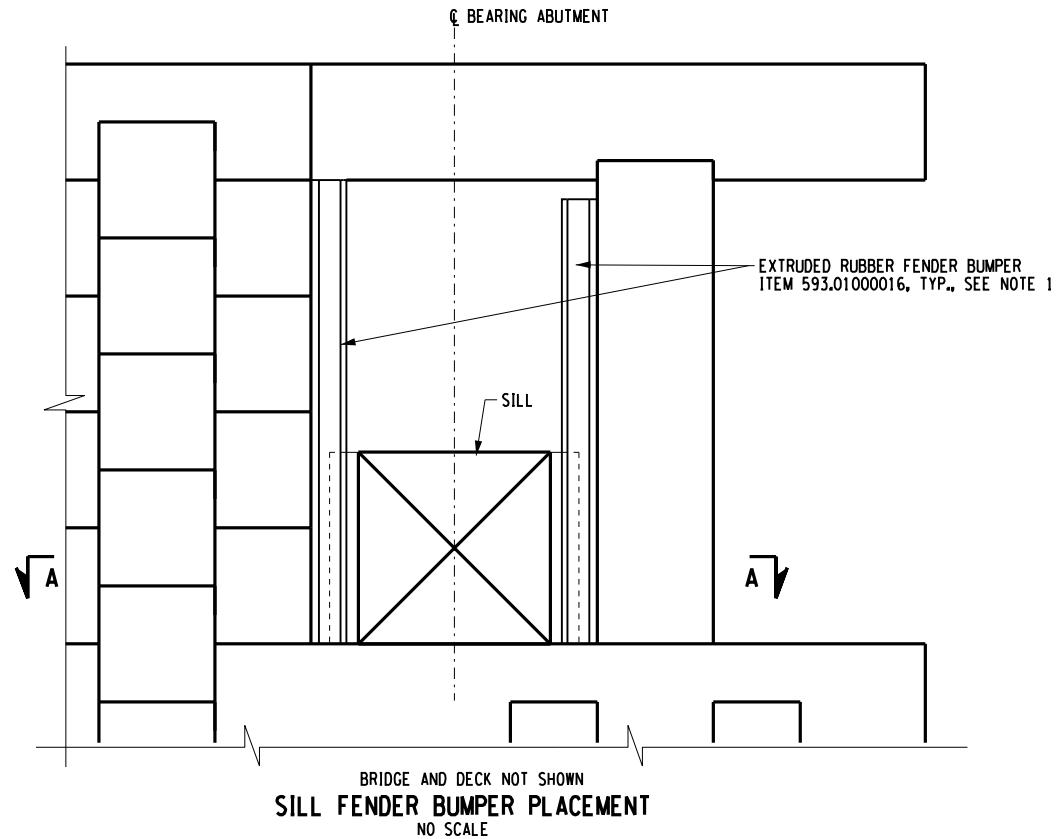
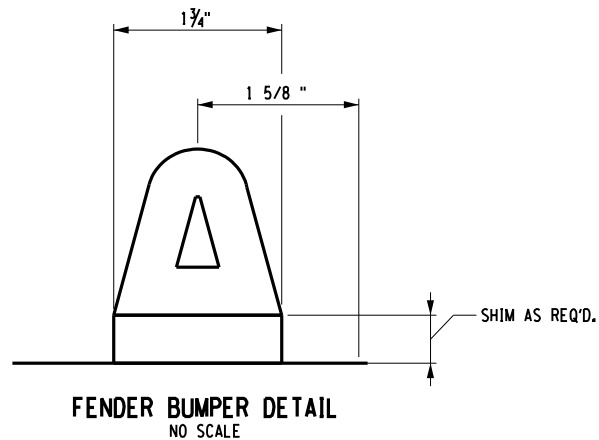


A-A SILL FENDER BUMPER PLACEMENT

NO SCALE
END ABUTMENT SILL SHOWN, BEGIN ABUTMENT SILL SIMILAR
BRIDGE AND DECK NOT SHOWN

NOTES:

- FENDER BUMPER SHALL BE ATTACHED WITH GALVANIZED LAG SCREWS.

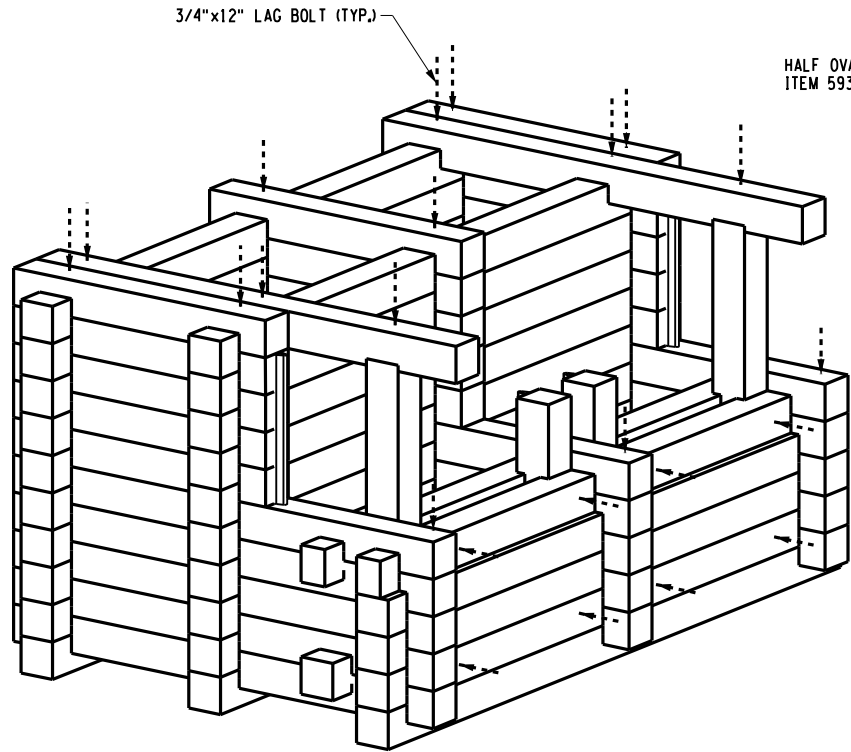


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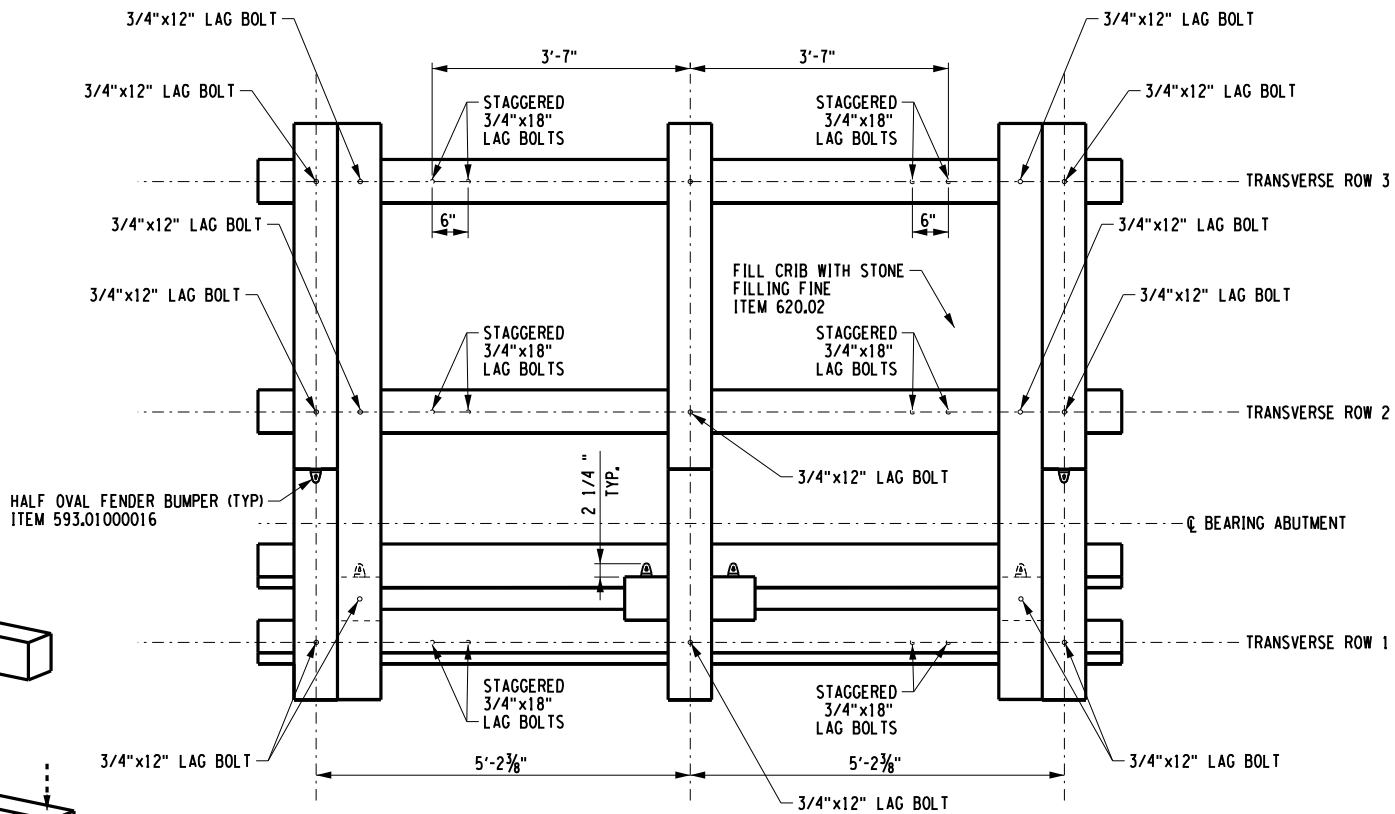
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		PS&E DATE			BIKE ROUTE & PEDESTRIAN TRAIL	DRAWING NO. ST-4
		2020			MISCELLANEOUS BRIDGE DETAILS No. 2	SHEET NO. 37
TOWN OF WARWICK COUNTY: ORANGE					TOWN OF WARWICK DOCUMENT NAME: 876002_37_cpb_msd.02.dgn	
IT IS A VIOLATION OF LAW FOR ANY PERSON, 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.					LOCHNER	

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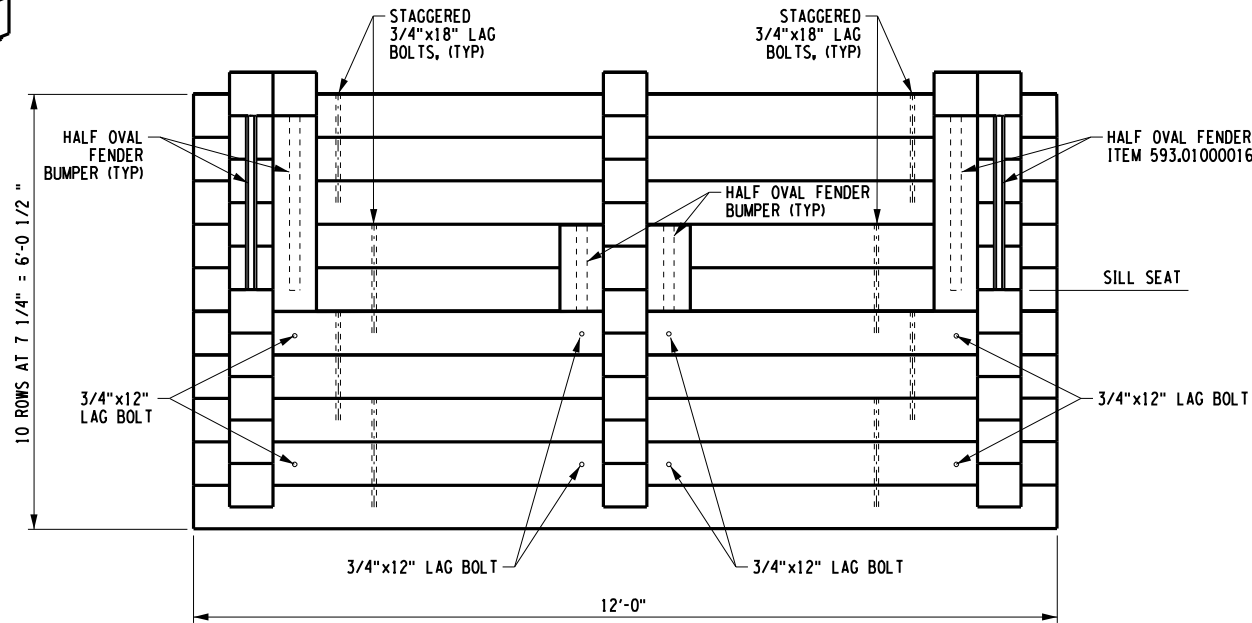
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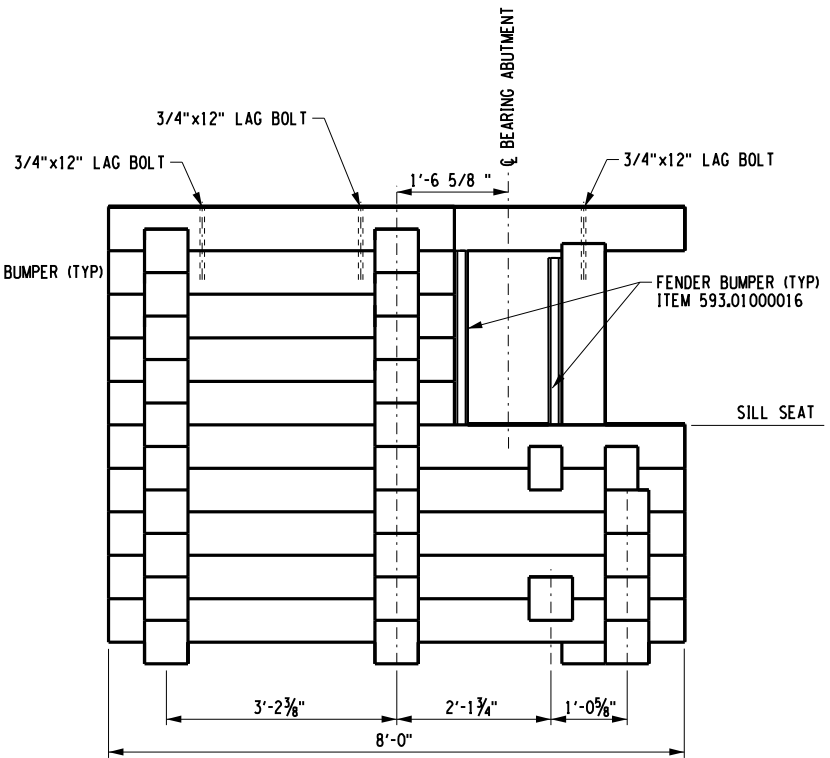
ISOMETRIC
NOT TO SCALE



PLAN
NOT TO SCALE



FRONT
NOT TO SCALE



SIDE
NOT TO SCALE

NOTES:

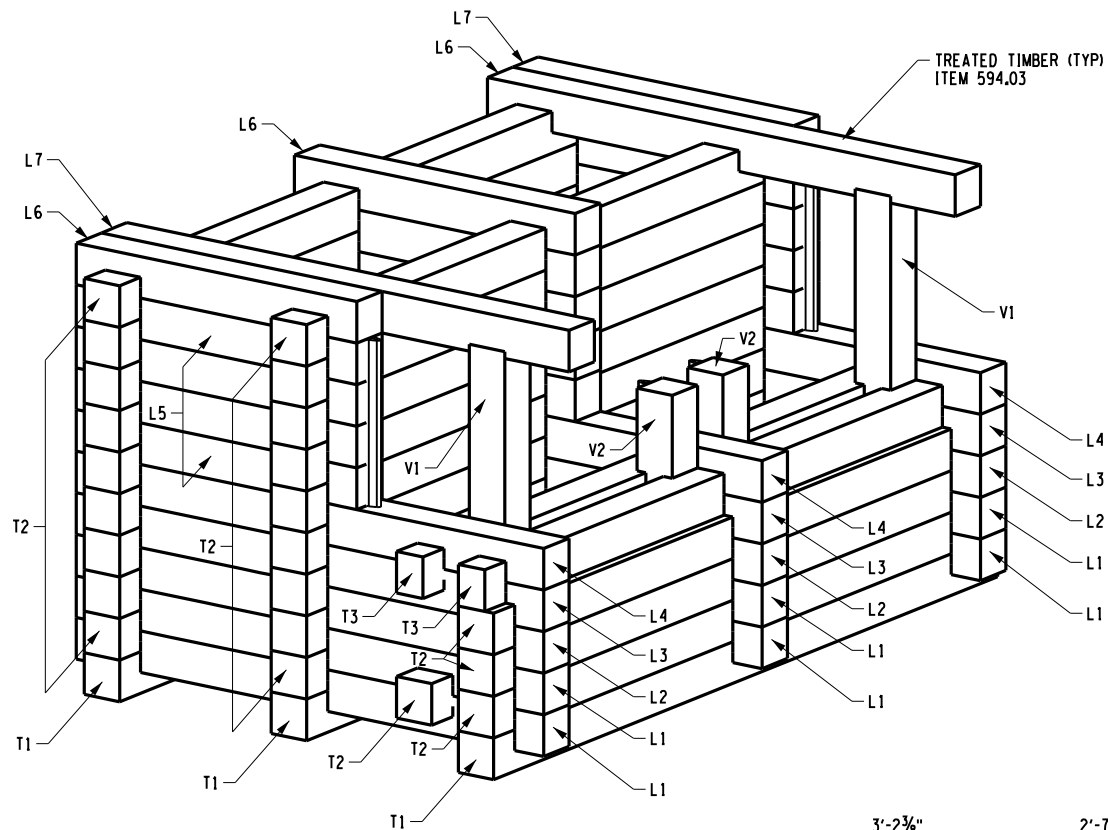
- LAG BOLT INSTALLATION:
PRE-BORE LAG BOLT HOLES USING TWO DIAMETERS, ONE FOR THE SHANK AND ONE FOR THE THREADS. THE LEAD HOLE FOR THE SHANK IS TO BE 1/16-INCH LARGER THAN THE SHANK DIAMETER AND IS TO BE BORED TO THE DEPTH OF PENETRATION OF THE SHANK. THE LEAD HOLE FOR THE THREADED PORTION IS TO BE 70% OF THE BOLT DIAMETER AS SHOWN ON THE PLANS AND IS TO BE BORED AT LEAST TO THE LENGTH OF THE THREADS. DO NOT DRIVE LAG SCREWS WITH A HAMMER, SEE DWG. ST-2 FOR WOOD PRESERVATION OF FIELD -DRILLED HOLES.
3/4"x18" STAGGERED LAG BOLTS SHALL BE INSTALLED IN TRANSVERSE ROWS 1, 2 AND 3. STAGGER AS SHOWN IN 3 STACK LIFTS.
3/4"x12" LAG BOLTS SHALL BE INSTALLED AS SHOWN IN ISOMETRIC, PLAN AND FRONT VIEW.
ALL LAG BOLTS SHALL BE GALVANIZED PER HARDWARE AND STRUCTURAL STEEL NOTES ON DWG. ST-2.
- FOR FENDER BUMPER DETAILS SEE DWG. ST-4.
- SEE DWG. ST-4 FOR TIMBER DIMENSIONS AND DETAILS.
- ALL TIMBER ELEMENTS OF THE BRIDGE ABUTMENTS ARE TO BE PAID UNDER ITEM 594.03. SEE DWG. ST-2 FOR LOG STRINGER BRIDGE LUMBER SCHEDULE.
- COST OF ALL FASTENERS USED TO CONSTRUCT THE BRIDGE ABUTMENTS ARE TO BE INCLUDED IN ITEM 594.03 UNLESS OTHERWISE NOTED.

AFFIX SEAL: ON:	ALTERED BY: ON:

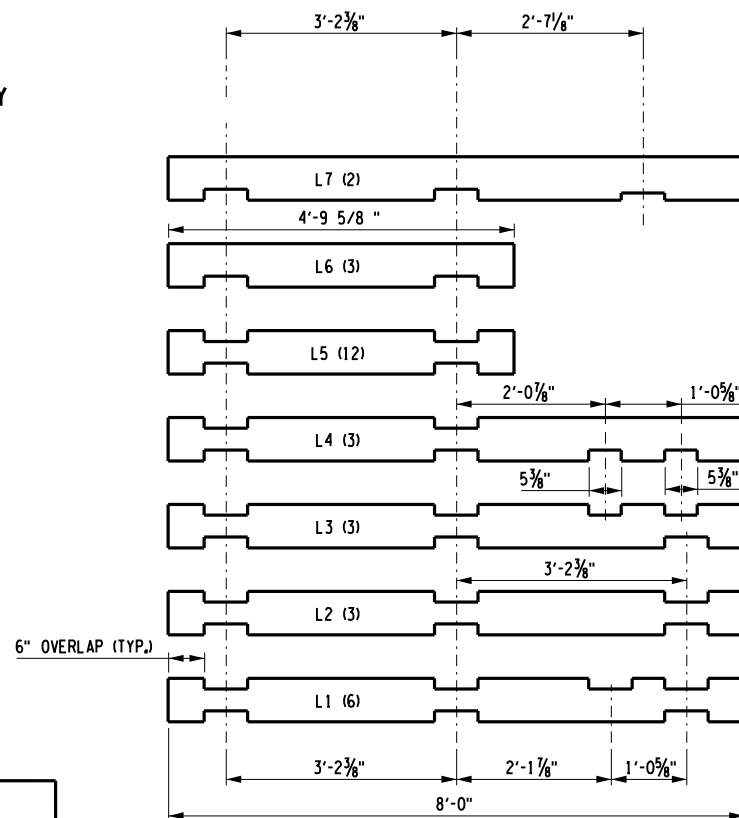
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL ABUTMENT DETAILS NO. 1	DRAWING NO. ST-5 SHEET NO. 38
	TOWN OF WARWICK COUNTY: ORANGE					
IT IS A VIOLATION OF LAW 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.						TOWN OF WARWICK DOCUMENT NAME: 876002_38_cpb_abt_01.dgn
						LOCHNER

FILE NAME : 876002_39_cpb_abt_02.dgn
DATE/TIME : 22-Mar-21 12:21:37 PM
USER : NYSDOT.LS.User

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PROJECT MANAGER
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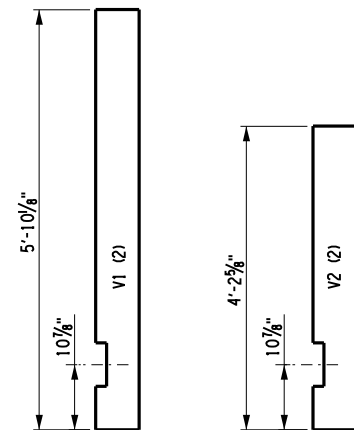
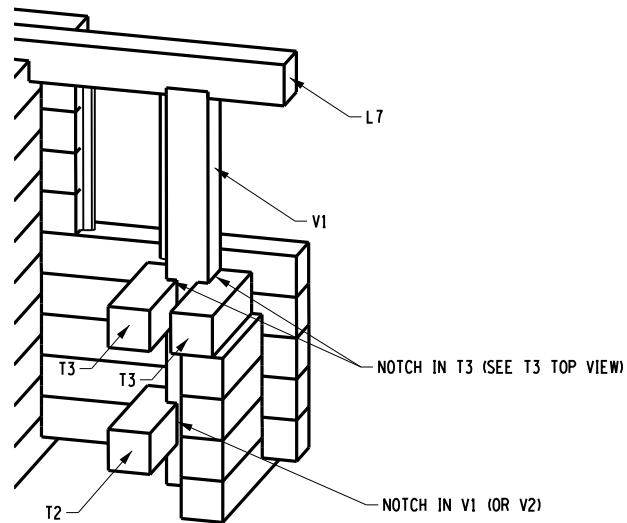


ABUTMENT ISOMETRIC ASSEMBLY
NOT TO SCALE



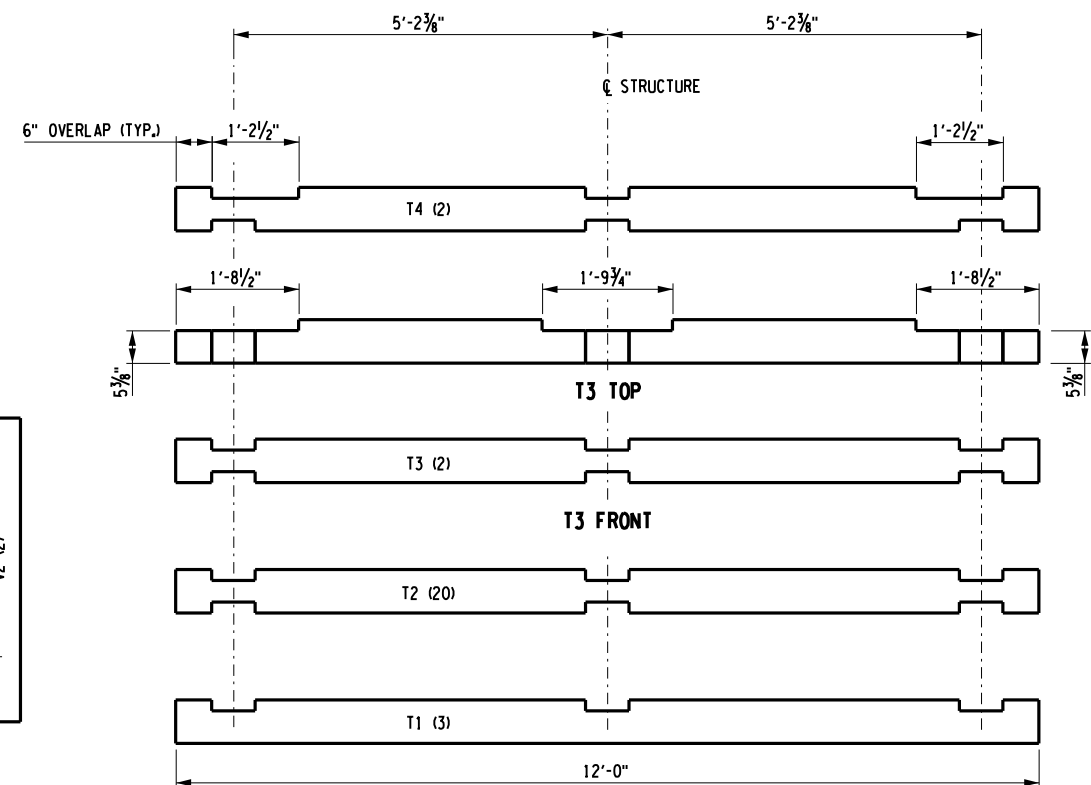
LONGITUDINAL TIMBER

TYPICAL VERTICAL TIMBER ASSEMBLY
NOT TO SCALE
V1 SHOWN, V2 SIMILAR



VERTICAL TIMBER

ABUTMENT TIMBER CRIBBING
NOT TO SCALE



TRANSVERSE TIMBER

NOTES:

- ALL NOTCHES $7\frac{3}{8}$ " x $1\frac{1}{8}$ " DEEP, UNLESS NOTED OTHERWISE.
- ALL TIMBER 8"x8" NOMINAL SIZE, AND PAYED UNDER ITEM 594.03, TREATED TIMBER AND LUMBER. TREATMENT SHALL BE PER TREATMENT NOTES DWG. ST-2.

LEGEND:

PART No. QUANTITY (PER ABUTMENT)
L7 (2)

AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		PIN 8760.02	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER
		PS&E DATE 2020			BIKE ROUTE & PEDESTRIAN TRAIL ABUTMENT DETAILS NO. 2	DRAWING NO. ST-6 SHEET NO. 39
		TOWN OF WARWICK COUNTY: ORANGE				
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.					TOWN OF WARWICK DOCUMENT NAME: 876002_39_cpb_abt_02.dgn	LOCHNER