



PROJECT ROADWAY MAP

CONTENTS

01	TITLE SHEET
02	GENERAL NOTES, LEGEND, & ABBREVIATIONS
03	TYPICAL SECTIONS
04 -14	MISCELLANEOUS DETAILS
15 - 17	EXISTING CONDITIONS PLANS
18 - 20	CONSTRUCTION PLANS
21- 23	CONSTRUCTION PROFILES
24 - 27	INTERSECTION GRADING PLANS
28 - 30	SIGN & PAVEMENT MARKING PLANS
31 - 46	CROSS SECTIONS
47	TRAFFIC CONTROL SIGNAL PLAN
48-53	LIGHTING AND ELECTRICAL PLANS
CTDOT STANDARD SHEETS	

HW-0586_02	CATCH BASIN TOPS (TYPES "C" AND "C-L") FOR DOUBLE GRATE TYPE I
HW-0586_03	CATCH BASIN TOPS (TYPES "C" AND "C-L") FOR DOUBLE GRATE TYPE II
HW-0586_04	PRECAST CATCH BASIN AND ROUND STRUCTURE
HW-0586_05	PRECAST CATCH BASIN TYPES FOR DOUBLE GRATE TYPE I
HW-0586_06	PRECAST CATCH BASIN TYPES FOR DOUBLE GRATE TYPE II
HW-0586_10a	MANHOLE FRAME AND COVER
HW-0811_01	CONCRETE CURBING
HW-0815_01	BITUMINOUS CONCRETE CURBING
HW-0949_01a	LANDSCAPE PLANTING
TR-1001_01	TRENCHING AND BACKFILLING - ELECTRICAL CONDUIT
TR-1002_01	TRAFFIC CONTROL FOUNDATIONS
TR-1010_01	CONCRETE HANDHOLE
TR-1102_01	PEDESTAL, PEDESTRIAN SIGNALS
TR-1107_01	PEDESTRIAN PUSH BUTTONS
TR-1111_01	LOOP VEHICLE DETECTOR AND SAWCUT
TR-1208_01	SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS
TR-1208_02	METAL SIGN POSTS AND SIGN MOUNTING DETAILS
TR-1210_04	PAVEMENT MARKING LINES AND SYMBOLS
TR-1210_08	PAVEMENT MARKINGS ON NON FREEWAYS
TR-1220_01	SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS
TR-1220_02	CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES

TOWN OF WETHERSFIELD, CT RECONSTRUCTION OF WOLCOTT HILL ROAD AND FRANKLIN AVENUE STATE PROJECT NO. L159-0002

MICHAEL L. RELL
MAYOR

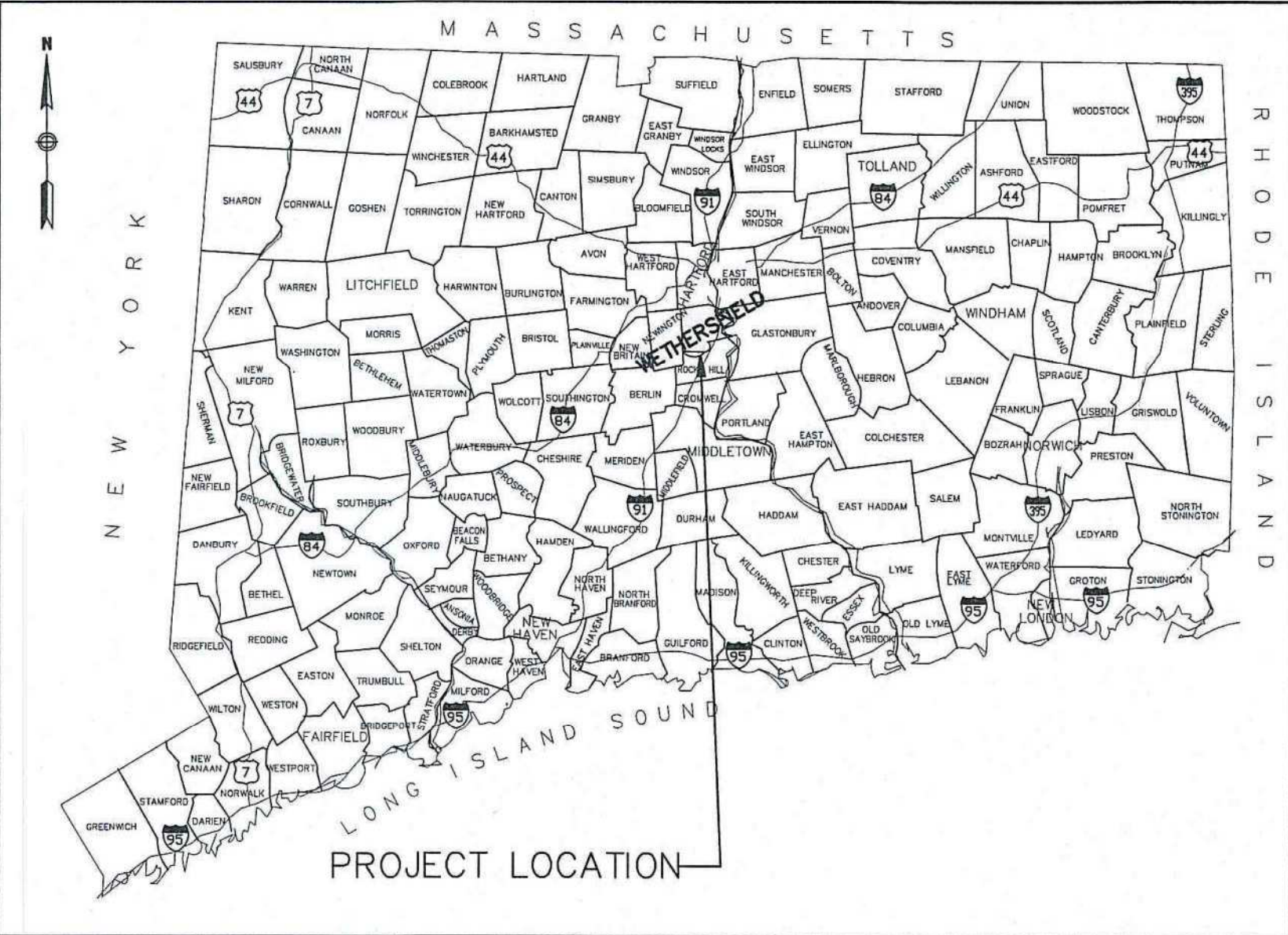
BONNIE THERRIEN
INTERIM TOWN MANAGER

DERRICK GREGOR, P.E.
TOWN ENGINEER

WOLCOTT HILL ROAD & FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA ROAD IN HARTFORD
PROJECT LIMITS
STATION 10+17.59 TO STATION 27+97.36

MAY, 2022

\\vhb.com\gbl\proj\Wethersfield\42667.00\cod\te\planset\TLS-4266700.dwg



LOCATION MAP

TECHNICAL SPECIFICATIONS: STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 818, AND SUPPLEMENTAL DATED JANUARY 2022, AND AS SUPPLEMENTED IN THE SPECIAL PROVISIONS, AS WELL AS THE TOWN OF WETHERSFIELD STANDARD CONSTRUCTION DETAILS AND CODE REQUIREMENTS FOR IMPROVEMENTS WITHIN THE TOWN RIGHT-OF-WAY.

DESIGN STANDARDS: AASHTO POLICY ON THE GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, DATED 2004 AND THE CONNECTICUT DEPARTMENT OF TRANSPORTATION HIGHWAY DESIGN MANUAL DATED 2003.

SURVEY: ALL COORDINATES ON THE PROJECT ARE BASED ON NAD 83. ALL ELEVATIONS ARE BASED ON NAVD 1988.

TOWN OF WETHERSFIELD BIDDING AND OTHER INFORMATION AND DOCUMENTS WHICH ARE OBTAINED THROUGH THE INTERNET, WORLD WIDE WEB SITES OR OTHER SOURCES ARE NOT TO BE CONSTRUED TO BE OFFICIAL INFORMATION FOR CONDUCTING OTHER BUSINESS WITH THE TOWN OF WETHERSFIELD.

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICIAL SOURCES WITHIN THE TOWN OF WETHERSFIELD.

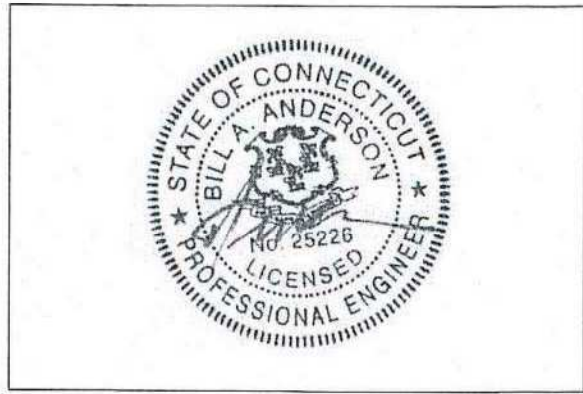
PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE TOWN OF WETHERSFIELD TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

WOLCOTT HILL ROAD IS MAINTAINED BY THE TOWN OF WETHERSFIELD. FRANKLIN AVENUE AND THE SIGNAL AT VICTORIA ROAD ARE MAINTAINED BY THE CITY OF HARTFORD.



DESIGNED BY: VHB
100 GREAT MEADOW ROAD, SUITE 200
WETHERSFIELD, CT 06109
860-807-4300

BILL A. ANDERSON, PE - VHB
SENIOR PROJECT MANAGER


























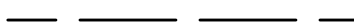
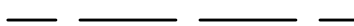




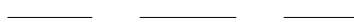
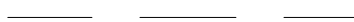


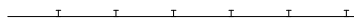
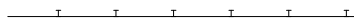
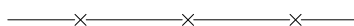
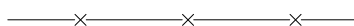
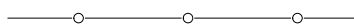
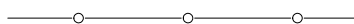
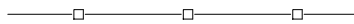
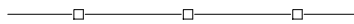
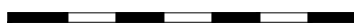
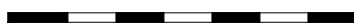


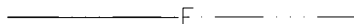
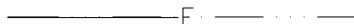
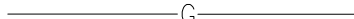
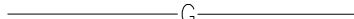
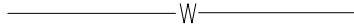
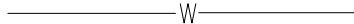










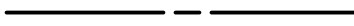
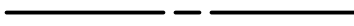


APPROVED BY:

Bonnie Therrien

BONNIE THERRIEN, INTERIM TOWN MANAGER
TOWN OF WETHERSFIELD

LEGEND

	CATCH BASIN		LIGHT POLE
	ROOF DRAIN		UTILITY POLE
	DRAIN MANHOLE		UTILITY POLE W/LIGHT
	SEWER MANHOLE		GUY POLE OR WIRE
	ELECTRIC MANHOLE		BOLLARD/POST
	TELEPHONE MANHOLE		SPOT ELEVATION
	MANHOLE		MAILBOX
	WATER MANHOLE		VAULT
	GATE BOX (WATER)		TRAVERSE POINT
	FIRE HYDRANT		SHRUBS
	GATE BOX (GAS)		DECIDUOUS TREE
	STREET SIGN		EVERGREEN TREE
	TEST PIT		
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____
	_____		_____

ABBREVIATIONS

ACR	ACCESSIBLE CURB RAMP	MW	MONITORING WELL
ADB	AS DIRECTED BY ENGINEER	O/H	OVERHEAD
AOBE	AS ORDERED BY ENGINEER	OHW	OVERHEAD LINE
B	BASILINE	PE	PROPERTY LINE
B/BCL	BITUMINOUS BERM	PE	PEDESTRIAN
BC/BCCL	BITUMINOUS CURB	PERP	PERPENDICULAR
BIT	BITUMINOUS	PGL	PROFILE GRADE LINE
BOC	BACK OF CURB	PVC	POST INDICATOR VALVE
BOW	BACK OF WALK	PV	POLYVINYLCHLORIDE PIPE
BWL	BROKEN WHITE LINE	R	RADIUS
BYL	BROKEN YELLOW LINE	RCP	REINFORCED CONCRETE
CB	CATCH BASIN	RES	RESIDENTIAL
CC	CONCRETE CURB	RIM	RIM ELEVATION
CLF	CHAIN LINK FENCE	ROW	RIGHT OF WAY
CCM	CORRUGATED METAL PIPE	RT	RIGHT
COMM	COMMERCIAL	S	SEWER LINE
CONC	CONCRETE	SB	STREET BOUND
CPP	CORRUGATED PLASTIC PIPE	SC	SLOPED CONCRETE EDGING
D	DRAIN LINE	SCC	SLOPED CONCRETE CURB
DBL	DOUBLE	SGE	SLOPED GRANITE EDGING
DIP	DUCTILE IRON PIPE	SMH	SEWER MANHOLE
DMH	DRAIN MANHOLE	STA	STATION
DWG	DRAWING	SWK	SIDEWALK
DWY	DRIVEWAY	SWL	SINGLE WHITE LINE
E	DOUBLE YELLOW LINE	SYL	SINGLE YELLOW LINE
ELEV.	ELECTRIC LINE	T	TELEPHONE LINE
EMH	ELECTRIC MANHOLE	TMH	TELEPHONE MANHOLE
EP	EDGE OF PAVEMENT	TP	TEST PIT
EX.	EXISTING	TY	TYPICAL
EXIST	FIRE ALARM	UP	UTILITY POLE
FES	FLARED END SECTION	VC	VITRIFIED CLAY PIPE
FF-E	FINISH FLOOR ELEVATION	VGC	VERTICAL GRANITE CURB
FL	FLOW LINE	W	WATER LINE
FOC	FACE OF CURB	WG	GATE BOX (WATER)
G	GAS LINE	WH	WATER MANHOLE
GCB	GATE BOX (GAS)		
GTD	GRADE TO DRAIN		
HMA	HOT MIX ASPHALT		
HYD	HYDRANT		
INT= /I=	INVERT ELEVATION		
INT	INTERMEDIATE		
LT	LEFT		
MH	MANHOLE		

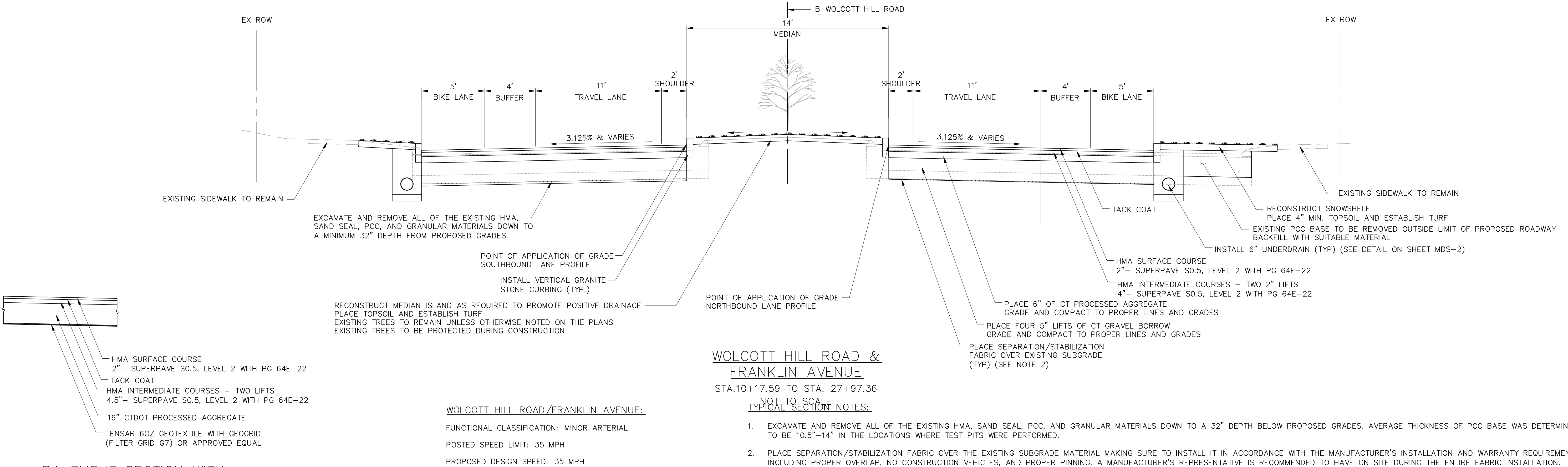
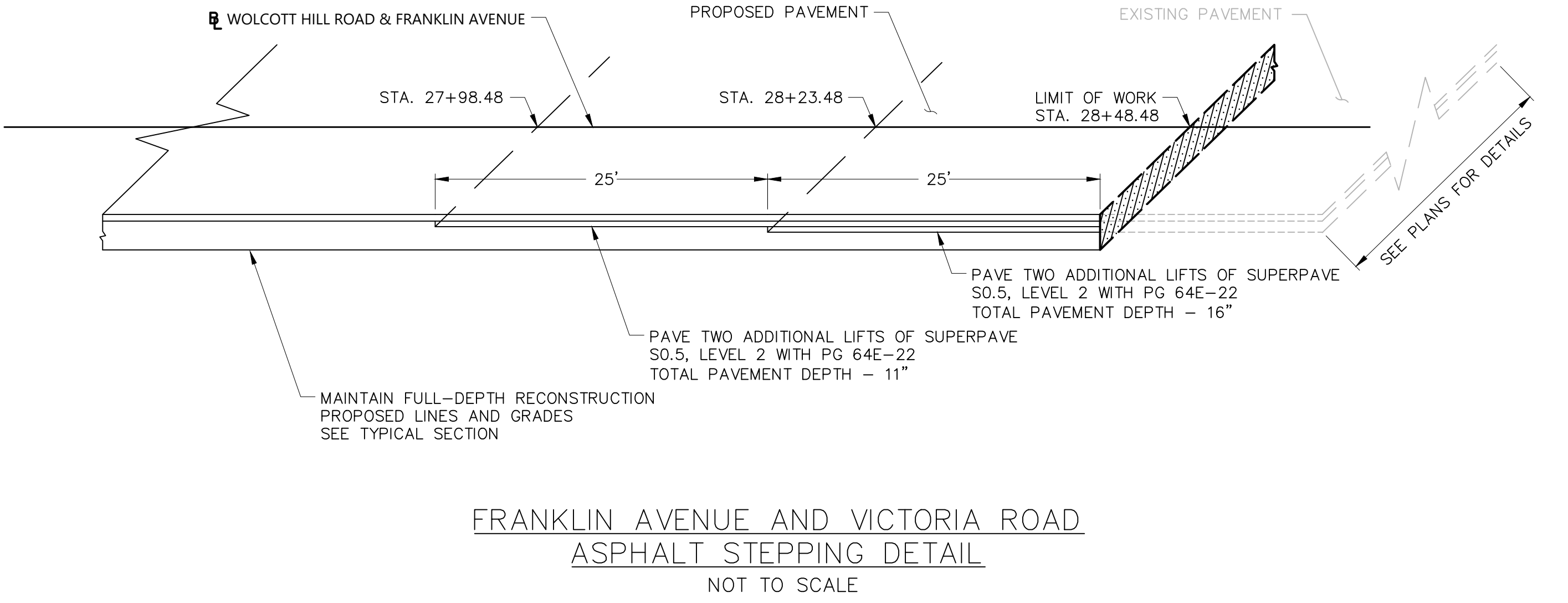
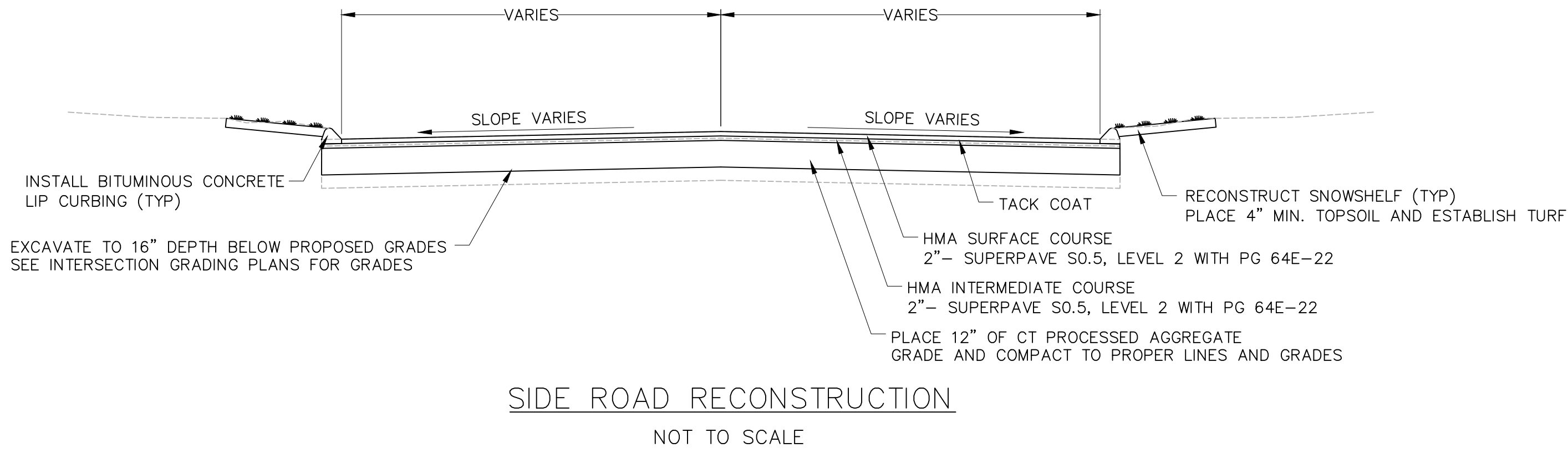
GENERAL UTILITY NOTES:

1. THE LOCATION OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES HAS BEEN COMPILED FROM THE BEST AVAILABLE INFORMATION EXCEPT WHERE TEST PITS WERE DUG. THIS INFORMATION WAS COMPILED UTILIZING UTILITY COMPANY AND TOWN RECORD MAPS AND FIELD SURVEY AND THEREFORE, IS CONSIDERED TO BE APPROXIMATE. ALL UTILITIES AND UNDERGROUND STRUCTURES MAY NOT BE SHOWN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UTILITIES, UTILITY LINES DAMAGED BY THE CONTRACTOR SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND THE UTILITY COMPANY AND THE COST OF REPAIR WORK SHALL BE BORNE BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG AT 811 (OR VISIT CBYD.COM) FOR MARKING OF EXISTING UTILITIES AT LEAST SEVENTY-TWO (72) HOURS IN ADVANCE OF ANY EXCAVATION.
3. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF NECESSARY RELOCATIONS IF REQUIRED AND SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF THE UTILITY COMPANIES. ALL REQUIRED UTILITY RELOCATIONS SHALL BE PERFORMED BY THE RESPECTIVE UTILITY COMPANY UNLESS OTHERWISE SPECIFIED.
4. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES PRIOR TO STARTING ANY WORK AND COORDINATE HIS WORK WITH THE UTILITY COMPANY WORK. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE RESPECTIVE UTILITY COMPANY TO HOLD ANY POLES THAT NEED TO BE SUPPORTED DURING THE CONTRACTOR'S TRENCHING OPERATIONS.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING UTILITIES WHEN INSTALLING PIPE AND STRUCTURES. THE CONTRACTOR SHALL HAND DIG AROUND EXISTING UTILITIES AND PROVIDE SHORING OR TEMPORARY SUPPORT WHEN WORKING IN CLOSE PROXIMITY TO EXISTING UTILITIES TO PROTECT SUCH UTILITIES. THE CONTRACTOR SHALL NOT BE ELIGIBLE FOR ANY ADDITIONAL COMPENSATION FOR EXTRA WORK REQUIRED TO PROTECT EXISTING UTILITIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE UTILITY COMPANIES TO RESET ALL UTILITY BOXES AND/OR HANDHOLES TO FINISHED GRADE. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE APPROPRIATE UTILITY COMPANY FOR THE ADJUSTMENT OF ANY GATE BOXES AND VALVES.
7. WHENEVER A DRAINAGE STRUCTURE IS CONSTRUCTED NEAR A WATER MAIN, THE CONTRACTOR SHALL PLACE 2 INCH THICK STYROFOAM (OR EQUIVALENT) INSULATION AROUND THE ADJACENT WATER MAIN. THE WATER MAIN AND BACKFILL SHALL BE SUPPORTED AT ALL TIMES DURING EXCAVATION AND PLACEMENT OF THE DRAINAGE STRUCTURE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT COST OF THE DRAINAGE ITEM.
8. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR REMOVAL OF ANY EXISTING ABANDONED UTILITY LINES ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION. THE CONTRACTOR SHALL NOT BE ELIGIBLE FOR ANY ADDITIONAL COMPENSATION FOR EXTRA WORK REQUIRED FOR REMOVAL OF ANY EXISTING ABANDONED UTILITY LINES. EACH RESPECTIVE UTILITY COMPANY SHALL BE RESPONSIBLE FOR THE PROPER METHOD OF DISPOSAL AND TO COORDINATE WITH THE CONTRACTOR FOR REMOVAL OF ANY EXISTING UNDERGROUND UTILITY LINES WHOSE MATERIAL MAY BE CONSIDERED TO BE HAZARDOUS. THE CONTRACTOR SHALL PLUG THE ENDS OF EXISTING ABANDONED UTILITY LINES THAT ARE TO REMAIN BURIED WITH APPROPRIATE END CAPS PROVIDED BY THE UTILITY. THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK, BUT SUCH WORK SHALL BE INCLUDED IN THE VARIOUS ITEMS COMPRISING THE WORK.
9. THE UTILITY COMPANY SHALL RELOCATE OR ADJUST PRIVATELY OWNED UTILITY SERVICE CONNECTIONS ENCOUNTERED DURING CONSTRUCTION AT NO COST TO THE TOWN. ELEVATIONS OF ALL RELOCATED OR ADJUSTED UTILITIES SHALL FOLLOW THE PROPOSED GRADE, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT AND SHALL NOT BE MEASURED FOR PAYMENT.
10. ANY EXISTING SANITARY SEWER LATERALS DAMAGED DURING CONSTRUCTION MUST BE REPLACED AT THE CONTRACTORS EXPENSE.
11. THE CONTRACTOR SHALL TAKE PRECAUTION TO PREVENT DAMAGE TO EXISTING UNDERGROUND UTILITIES WHEN OPERATING HEAVY MACHINERY SUCH AS VIBRATORY ROLLERS.

GENERAL NOTES:

1. SURVEY INFORMATION IS BASED UPON A FIELD SURVEY PERFORMED BY VHB, IN AUGUST OF 2020. ALL ELEVATIONS REFER TO NORTH ARROW VERTICAL DATUM (NAVD 1988). STREETLINE INFORMATION AS SHOWN ON THE PLANS IS BASED ON CLASS A-2 ACCURACY. NORTH ARROW AND BEARINGS BASED ON THE CONNECTICUT STATE PLANE COORDINATE SYSTEM (NAD 1983).
2. VHB ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
3. ALL EXISTING UTILITY LOCATIONS, DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 818 AND SUPPLEMENTAL DATED JANUARY 2022, AND AS SUPPLEMENTED IN THE SPECIAL PROVISIONS.
5. ALL SLOPES OR DISTURBED AREAS ARE TO BE STABILIZED WITH A MINIMUM OF 4 INCHES OF TOPSOIL AND TURF ESTABLISHMENT. THE CONTRACTOR SHALL YORK RAKE THE TOPSOIL PRIOR TO TURF ESTABLISHMENT IF REQUIRED. THE COST OF YORK RAKING SHALL BE INCLUDED IN THE ITEM "FURNISHING AND PLACING TOPSOIL".
6. EXISTING CONCRETE MONUMENTS AND PROPERTY IRON PINS WHEN FOUND WITHIN THE WORK LIMITS SHALL BE LOCATED AND REPLACED IF DISTURBED. IF THE CONTRACTOR DISTURBS OR DAMAGES ANY IRON PIN OR MONUMENT OUTSIDE THE LIMITS OF WORK, THEY SHALL BE RESET BY A LICENSED SURVEYOR AT THE CONTRACTORS EXPENSE.
7. THE CONTRACTOR SHALL WALK THE PROJECT PRIOR TO CONSTRUCTION WITH A REPRESENTATIVE FROM THE TOWN OF WETHERSFIELD, THE CITY OF HARTFORD, AND THE ENGINEER. TREES TO BE REMOVED SHALL BE MARKED IN THE FIELD. EXTREME CARE SHALL BE EXERCISED TO NOT CUT ALL TREES NOT DESIGNATED FOR REMOVAL. THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE PROJECT. THE TRIMMING OF EXISTING TREES SHALL BE PERFORMED BY A LICENSED ARBORIST. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID ITEM "CLEARING AND GRUBBING".
8. ALL TREE STUMPS SHALL BE REMOVED BY EXCAVATION AND THE DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL AND TURF ESTABLISHMENT. THIS INCLUDES ANY TREES AND STUMPS DESIGNATED FOR REMOVAL THAT ARE LOCATED OUTSIDE THE LIMITS OF GRADING. ALL STUMP REMOVAL SHALL BE PAID FOR UNDER "CLEARING AND GRUBBING".
9. ANY MAINTENANCE OR REFUELING OF EQUIPMENT AND VEHICLES SHALL BE PERFORMED AT LEAST 50 FEET FROM WETLANDS OR WATERCOURSES. OIL, GASOLINE, AND CHEMICALS NEEDED AT THE SITE SHALL BE STORED IN A SECONDARY CONTAINER AT LEAST 50 FEET FROM WETLANDS OR WATERCOURSES AND OUTSIDE OF FLOODPLAIN AND FLOODWAY LIMITS TO PREVENT CONTAMINATION FROM POSSIBLE LEAKS.
10. EFFLUENT FROM Dewatered WORK AREA(S) SHALL NOT BE DISCHARGED DIRECTLY TO A STREAM OR STORM DRAINAGE SYSTEM, BUT MUST BE PROCESSED THROUGH TREATMENT STRUCTURES(S). SUCH STRUCTURE(S) SHALL NOT BE LOCATED WITHIN A STREAM CHANNEL OR ADJACENT WETLANDS.
11. ALL APPROPRIATE EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE ESTABLISHED PRIOR TO AND MAINTAINED THROUGHOUT ALL CONSTRUCTION PHASES.
12. DURING ALL PHASES OF CONSTRUCTION ACTIVITIES, ACCESS FOR THE PROPERTY OWNERS AS WELL AS ALL SERVICE VEHICLES SUCH AS MAIL, TRASH COLLECTION, FUEL DELIVERIES, ETC. SHALL BE MAINTAINED BY THE CONTRACTOR TO ABUTTING PROPERTIES WITHIN THE LIMITS OF THE WORK.
13. ALL CATCH BASIN TOP OF GRATE ELEVATIONS REFLECT THE DEPRESSED GRATE ELEVATION IN ACCORDANCE WITH THE STANDARD DETAILS.
14. ALL CATCH BASIN GRATES TO BE TYPE "A" GALVANIZED.
15. SILT SACKS MUST BE INSTALLED AT ALL EXISTING AND NEW CATCH BASINS WITHIN AND IMMEDIATELY ADJACENT TO THE PROJECT AREA AND SHALL BE PAID FOR UNDER "SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN".
16. ANY EXISTING PROPERTY DRAINS OR FOOTING DRAINS ENCOUNTERED SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND RECONNECTED TO NEW DRAINAGE STRUCTURES. THE COST OF THIS WORK WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE RELATED ITEM.
17. EXISTING PIPE DESIGNATED FOR REMOVAL ON THE PLANS SHALL BE PAID FOR UNDER THE ITEM "REMOVE EXISTING PIPE - 0' - 10' DEEP". THE TRENCH SHALL BE BACKFILLED AND COMPACTED WITH SUITABLE MATERIAL IN 12 INCH LIFTS. REMOVAL OF EXISTING DRAINAGE PIPE AND STRUCTURES WHEN ENCOUNTERED DURING EXCAVATION FOR NEW DRAINAGE PIPE AND STRUCTURES WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE RELATED ITEM.
18. THE CONTRACTOR SHALL PLUG ALL EXISTING PIPES WHERE CURRENT DRAINAGE SYSTEM IS TO BE ABANDONED UNLESS OTHERWISE NOTED ON THE PLANS. THIS WILL NOT BE MEASURED FOR PAYMENT.
19. IF AN EXISTING STORM SEWER IS TO BE REPAIRED, REPLACED, OR EXTENDED, IT IS A WORKING LINE AND MUST BE OPERATIONAL (CONTINUE TO FUNCTION) DURING EVENINGS AND WEEKENDS AS WELL AS ANY OTHER NON-WORKING HOURS.
20. REMOVAL OF EXISTING CONCRETE CURBING AND BITUMINOUS CONCRETE CURBING SHALL BE PAID FOR UNDER THE ITEM "EARTH EXCAVATION".

[illegible]



TYPICAL SECTION NOTES:

- EXCAVATE AND REMOVE ALL OF THE EXISTING HMA, SAND SEAL, PCC, AND GRANULAR MATERIALS DOWN TO A 32" DEPTH BELOW PROPOSED GRADES. AVERAGE THICKNESS OF PCC BASE WAS DETERMINED TO BE 10.5"-14" IN THE LOCATIONS WHERE TEST PITS WERE PERFORMED.
- PLACE SEPARATION/STABILIZATION FABRIC OVER THE EXISTING SUBGRADE MATERIAL MAKING SURE TO INSTALL IT IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION AND WARRANTY REQUIREMENTS, INCLUDING PROPER OVERLAP, NO CONSTRUCTION VEHICLES, AND PROPER PINNING. A MANUFACTURER'S REPRESENTATIVE IS RECOMMENDED TO HAVE ON SITE DURING THE ENTIRE FABRIC INSTALLATION.
- PLACE FOUR 5" LIFTS OF CT GRAVEL BORROW AS THE NEW SUBBASE.
- GRADE AND COMPACT EACH LIFT TO PROPER LINES AND GRADES PRIOR TO PLACING 6" OF CT PROCESSED AGGREGATE AS THE NEW BASE.
- GRADE AND COMPACT TO PROPER LINES AND GRADES PRIOR TO PLACING 4" OF SUPERPAVE 0.5" LEVEL 2 WITH PG 64E-22 AND 2" OF SUPERPAVE 0.5" LEVEL 2 WITH PG 64E-22 AS THE SURFACE COURSE.
- TACK COAT IS REQUIRED ON ALL PAVED SURFACES THAT ARE TO BE PAVED, INCLUDING FRESHLY PLACED HMA LAYERS IF ONE OF THE FOLLOWING IS TRUE:
 - ONE (1) DAY HAS PASSED SINCE THE HMA WAS PLACED.
 - DUST OR DEBRIS HAS CONTAMINATED THE HMA SURFACE.
- INSTALL 6" UNDERDRAIN (SEE DETAIL ON PAGE MDS-2)

REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.

NOT TO SCALE
N.T.S

DESIGNER: JRE
DRAFTER: JRE
CHECKED BY: BAA
APPROVED BY: SON


Engineers Scientists Planners Designers

ISSUED FOR CONSTRUCTION

DATE: APRIL, 2022



PROJECT TITLE:
**RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA ROAD
IN HARTFORD - L159-0002**

CADD FILENAME: TYP-4266700.DWG




TOWN:
WETHERSFIELD, CONNECTICUT

DRAWING TITLE:
**TYPICAL SECTIONS
WOLCOTT HILL ROAD**

PROJECT NO.:
42667.00

DRAWING NO.:
TYP-1

SHEET NO.:
3 OF 53

				 SCALE IN FEET		DESIGNER: JRE DRAFTER: JRE CHECKED BY: BAA APPROVED BY: SON		 Engineers Scientists Planners Designers		 PROJECT TITLE: RECONSTRUCTION OF WOLCOTT HILL ROAD AND FRANKLIN AVENUE FROM JORDAN LANE TO VICTORIA ROAD IN HARTFORD - L159-0002		TOWN: WETHERSFIELD, CONNECTICUT		PROJECT NO: 4266	
REV. DATE DESCRIPTION SHEET NO.								ISSUED FOR CONSTRUCTION DATE: APRIL, 2022		CADD FILENAME: EXT-4266700.DWG		DRAWING TITLE: EXISTING CONDITIONS PLAN WOLCOTT HILL ROAD		DRAWING NO: EXT- SHEET NO.: 15 OF	



Matchline
See Sheet EXT-3

20 0 20

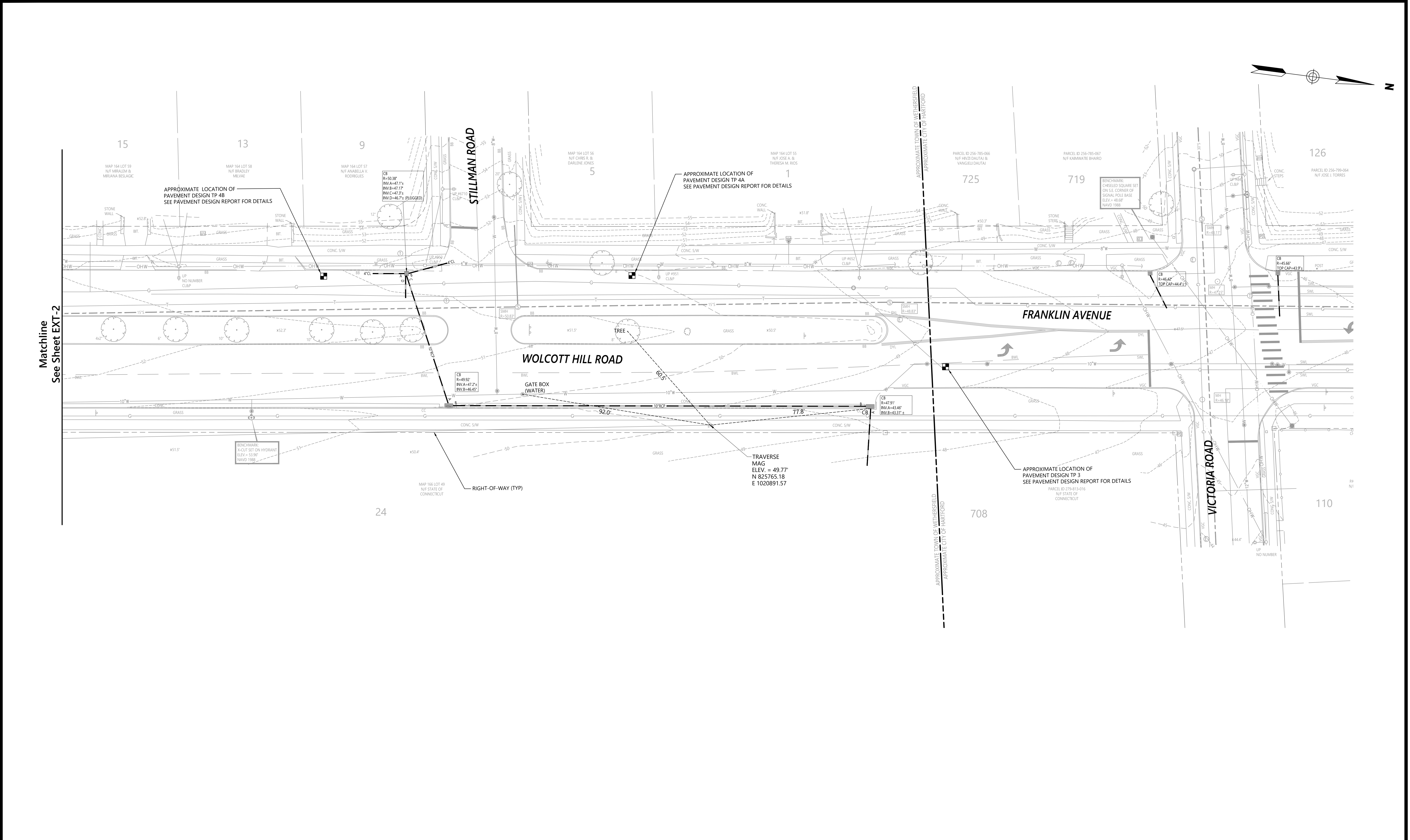
SCALE IN FEET

	
Engineers	Scientists
Planners	Designers
ISSUED FOR CONSTRUCTION	
DATE: APRIL, 2022	

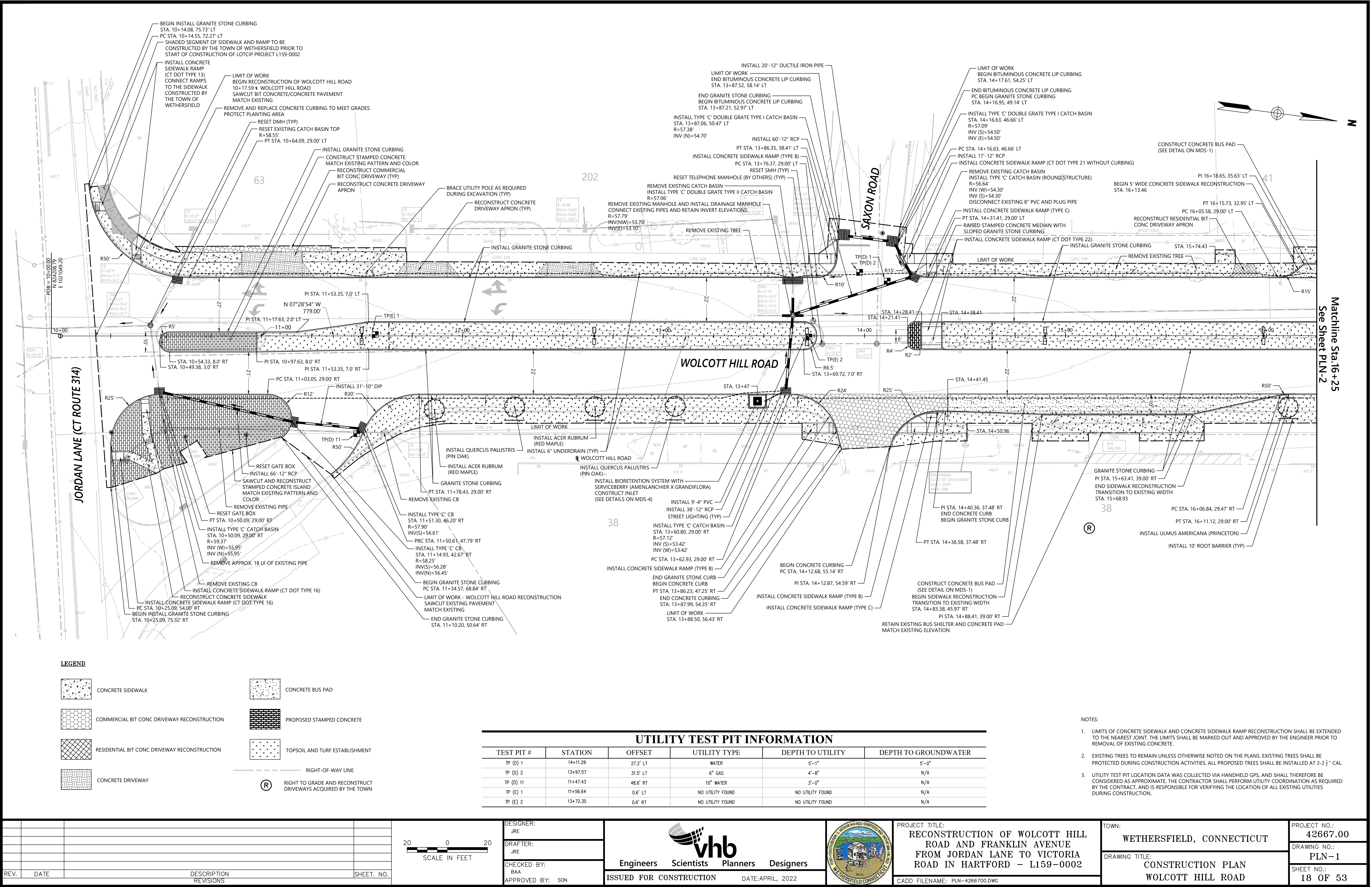


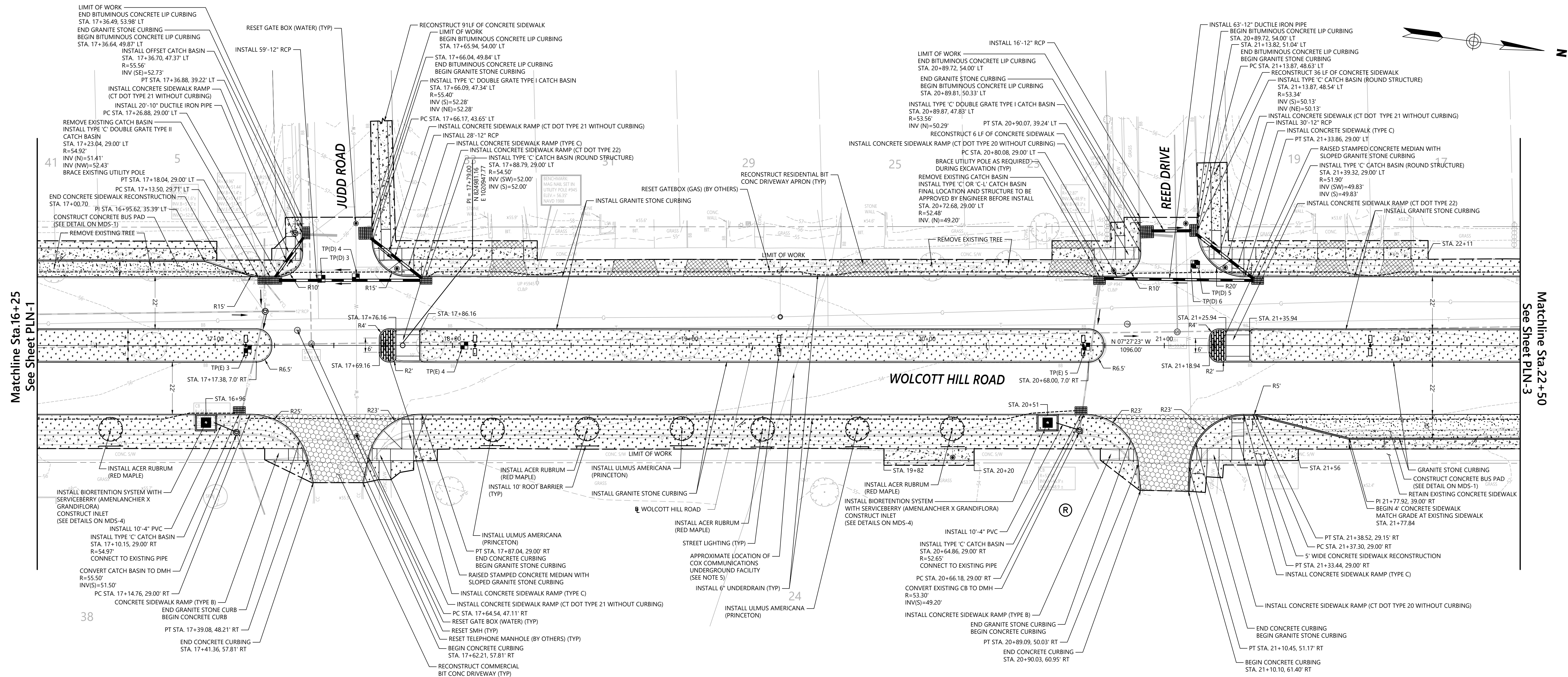
TOWN:	WETHERSFIELD, CONNECTICUT
DRAWING TITLE:	EXISTING CONDITIONS PLAN WOLCOTT HILL ROAD

PROJECT NO.:	42667.00
DRAWING NO.:	EXT-2
SHEET NO.:	16 OF 53



						DESIGNER: JRE			PROJECT TITLE: RECONSTRUCTION OF WOLCOTT HILL ROAD AND FRANKLIN AVENUE FROM JORDAN LANE TO VICTORIA ROAD IN HARTFORD - L159-0002 CADD FILENAME: EXT-4266700.DWG	TOWN: WETHERSFIELD, CONNECTICUT DRAWING TITLE: EXISTING CONDITIONS PLAN WOLCOTT HILL ROAD	PROJECT NO.: 42667.00 DRAWING NO.: EXT-3 SHEET NO.: 17 OF 53
				SCALE IN FEET		DRAFTER: JRE					
REV. DATE DESCRIPTION REVISIONS SHEET NO.						CHECKED BY: BAA APPROVED BY: SON					

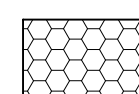




LEGEND



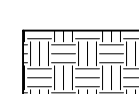
CONCRETE SIDEWALK



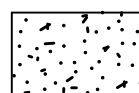
COMMERCIAL BIT CONC DRIVEWAY RECONSTRUCTION



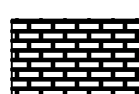
RESIDENTIAL BIT CONC DRIVEWAY RECONSTRUCTION



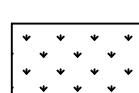
CONCRETE DRIVEWAY



CONCRETE BUS PAD



PROPOSED STAMPED CONCRETE



TORSOIL AND TIRE ESTABLISHMENT

RIGHT-OF-WAY LIN

RIGHT TO GRADE AND RECONSTRUCT

DRIVEWAYS ACQUIRE

UTILITY TEST PIT INFORMATION					
TEST PIT #	STATION	OFFSET	UTILITY TYPE	DEPTH TO UTILITY	DEPTH TO GROUNDWATER
TP (D) 3	17+44.80	28.1' LT	6" GAS	4'-3"	N/A
TP (D) 4	17+59.27	28.7' LT	NO UTILITY FOUND	NO UTILITY FOUND	5'
TP (D) 5	21+13.35	34.1' LT	WATER (SIZE NOT IDENTIFIED)	4'-10"	5'
TP (D) 6	21+12.71	34.5' LT	NO UTILITY FOUND	NO UTILITY FOUND	5'
TP (E) 3	17+13.73	1.6' RT	NO UTILITY FOUND	NO UTILITY FOUND	N/A
TP (E) 4	18+04.98	0.0'	NO UTILITY FOUND	NO UTILITY FOUND	N/A
TP (E) 5	20+67.08	0.0'	NO UTILITY FOUND	NO UTILITY FOUND	N/A

NOTES:

1. LIMITS OF CONCRETE SIDEWALK AND CONCRETE SIDEWALK RAMP RECONSTRUCTION SHALL BE EXTENDED TO THE NEAREST JOINT. THE LIMITS SHALL BE MARKED OUT AND APPROVED BY THE ENGINEER PRIOR TO REMOVAL OF EXISTING CONCRETE.
2. EXISTING TREES TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS. EXISTING TREES SHALL BE PROTECTED DURING CONSTRUCTION ACTIVITIES. ALL PROPOSED TREES SHALL BE INSTALLED AT 2-2 1/2" CAL.
3. UTILITY TEST PIT LOCATION DATA WAS COLLECTED VIA HANDHELD GPS, AND SHALL THEREFORE BE CONSIDERED AS APPROXIMATE. THE CONTRACTOR SHALL PERFORM UTILITY COORDINATION AS REQUIRED BY THE CONTRACT, AND IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES DURING CONSTRUCTION.
4. APPROXIMATE LOCATION OF EXISTING COX COMMUNICATIONS UNDERGROUND FACILITY AT A DEPTH OF APPROXIMATELY 18" BELOW EXISTING GRADE. THE CONTRACTOR SHALL COORDINATE RELOCATION EFFORT WITH COX COMMUNICATION. THE SCHEDULE FOR RELOCATION AND EXTENT OF THE RELOCATION EFFORT SHALL BE REVIEWED AND APPROVED BY THE ENGINEER.

[illegible]

DESIGNER:	JRE
DRAFTER:	JRE
CHECKED BY:	BAA
APPROVED BY:	SON



Engineers	Scientists	Planners	Designers
ISSUED FOR CONSTRUCTION		DATE:APRIL, 2022	



PROJECT TITLE:
RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002

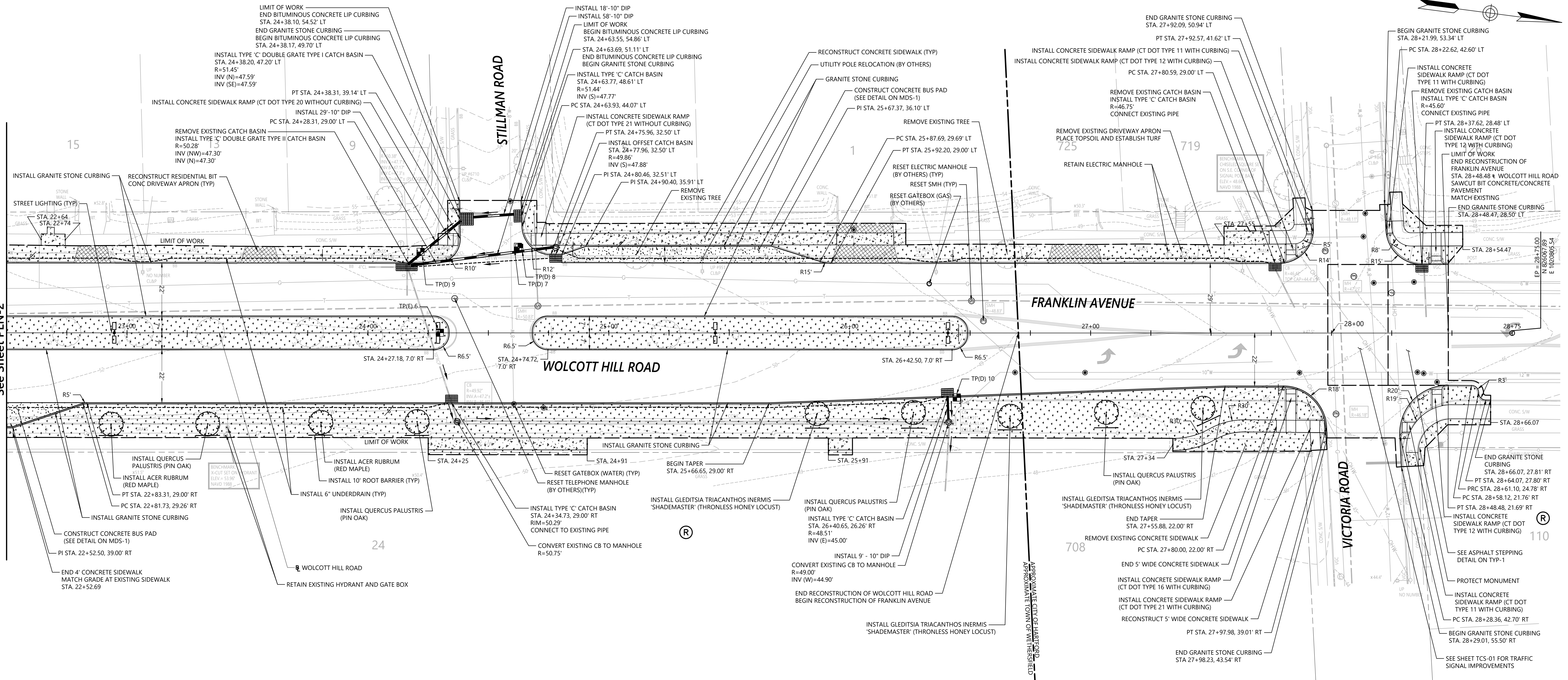
CADD FILENAME: PLN-4266700.DWG

TOWN: WETHERSFIELD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN
WOLCOTT HILL ROAD

PROJECT NO.:	42667.00
DRAWING NO.:	PLN-2
SHEET NO.:	19 OF 53

Matchline Sta. 22+50
See Sheet PLN-2



LEGEND

	CONCRETE SIDEWALK		CONCRETE BUS PAD
	COMMERCIAL BIT CONC DRIVEWAY RECONSTRUCTION		PROPOSED STAMPED CONCRETE
	RESIDENTIAL BIT CONC DRIVEWAY RECONSTRUCTION		TOPSOIL AND TURF ESTABLISHMENT
	CONCRETE DRIVEWAY		RIGHT-OF-WAY LINE
			RIGHT TO GRADE AND RECONSTRUCT DRIVEWAYS ACQUIRED BY THE TOWN

UTILITY TEST PIT INFORMATION

TEST PIT #	STATION	OFFSET	UTILITY TYPE	DEPTH TO UTILITY	DEPTH TO GROUNDWATER
TP (D) 7	24+62.24	35.7' LT	10" WATER	4'-10"	N/A
TP (D) 8	24+62.82	35.3' LT	WATER - NOT VISUALLY IDENTIFIED	8'	5'-0"
TP (D) 9	24+21.85	33.7' LT	4" WATER	4'-8"	N/A
TP (D) 10	26+44.44	26.8' RT	10" WATER	4'-11"	N/A
TP (E) 6	24+29.87	0.0'	NO UTILITY FOUND	NO UTILITY FOUND	N/A

NOTES:

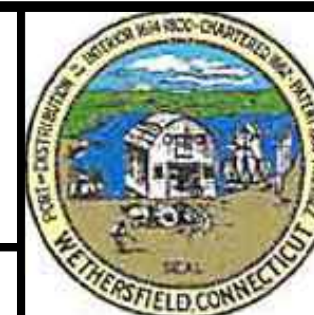
- LIMITS OF CONCRETE SIDEWALK AND CONCRETE SIDEWALK RAMP RECONSTRUCTION SHALL BE EXTENDED TO THE NEAREST JOINT. THE LIMITS SHALL BE MARKED OUT AND APPROVED BY THE ENGINEER PRIOR TO REMOVAL OF EXISTING CONCRETE.
- EXISTING TREES TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS. EXISTING TREES SHALL BE PROTECTED DURING CONSTRUCTION ACTIVITIES. ALL PROPOSED TREES SHALL BE INSTALLED AT 2'-2 1/4" CAL.
- UTILITY TEST PIT LOCATION DATA WAS COLLECTED VIA HANDHELD GPS, AND SHALL THEREFORE BE CONSIDERED AS APPROXIMATE. THE CONTRACTOR SHALL PERFORM UTILITY COORDINATION AS REQUIRED BY THE CONTRACT, AND IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES DURING CONSTRUCTION.

REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.



DESIGNER:
JRE
DRAFTER:
JRE
CHECKED BY:
BAA
APPROVED BY: SON

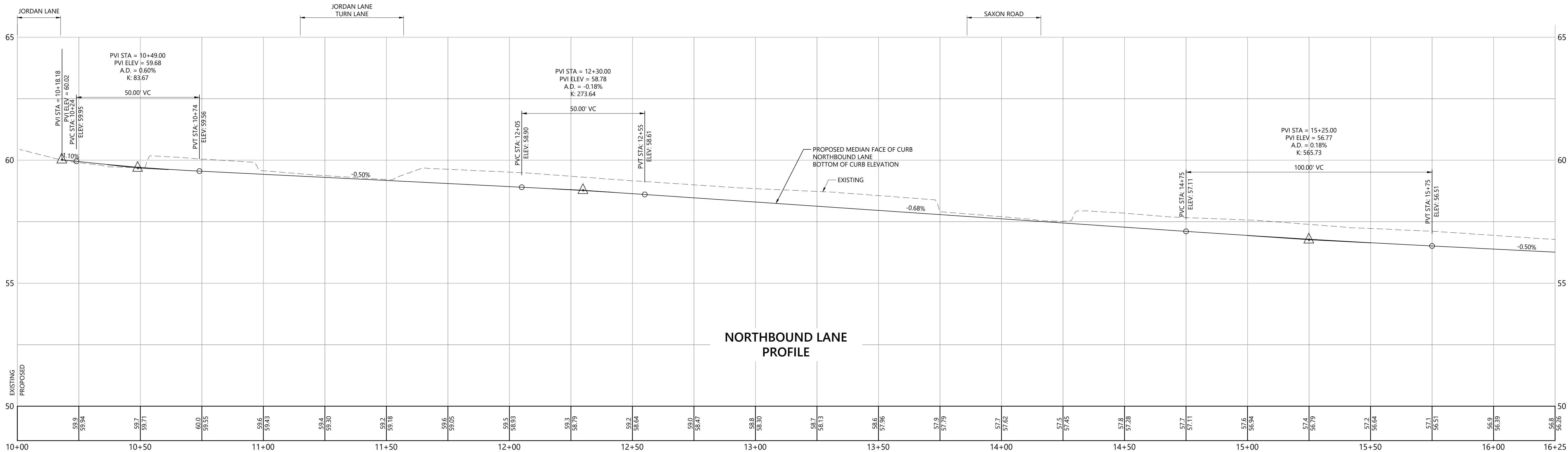
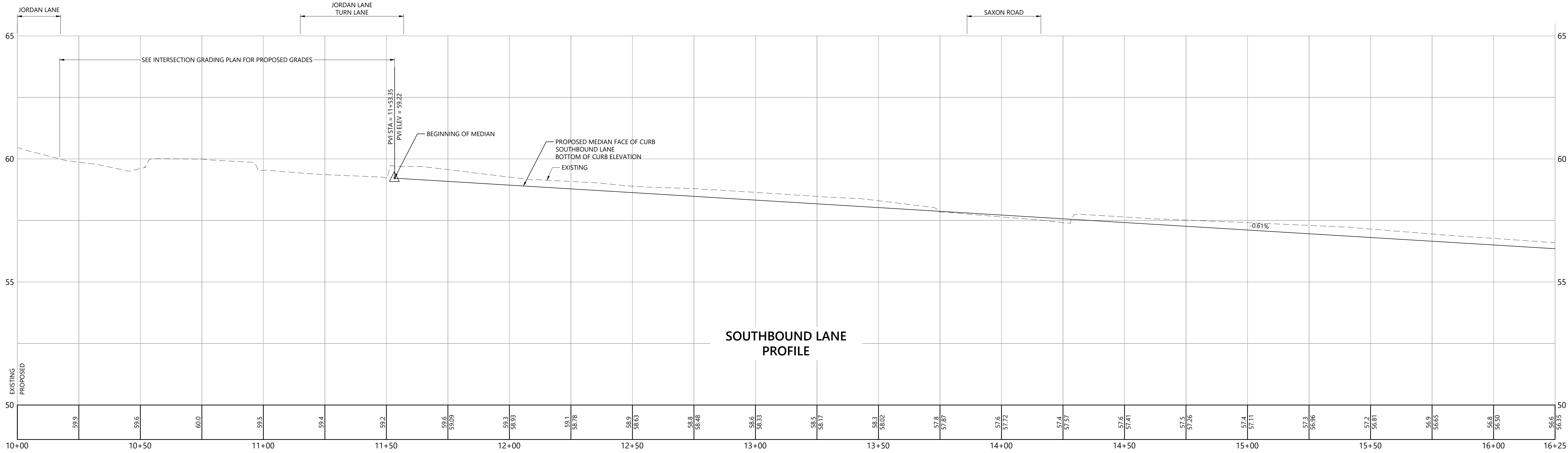
vhb
Engineers Scientists Planners Designers
ISSUED FOR CONSTRUCTION DATE: APRIL, 2022



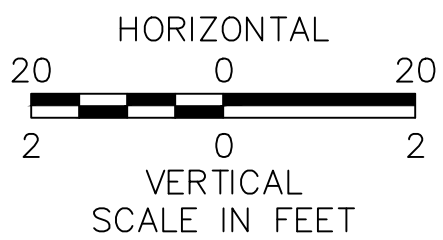
PROJECT TITLE:
RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002
CADD FILENAME: PLN-4266700.DWG

TOWN:
WETHERSFIELD, CONNECTICUT
DRAWING TITLE:
CONSTRUCTION PLAN
WOLCOTT HILL ROAD

PROJECT NO.:
42667.00
DRAWING NO.:
PLN-3
SHEET NO.:
20 OF 53



REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.



DESIGNER: JRE
DRAFTER: JRE
CHECKED BY: BAA
APPROVED BY: SON

Engineers Scientists Planners Designers

ISSUED FOR CONSTRUCTION

DATE: APRIL, 2022



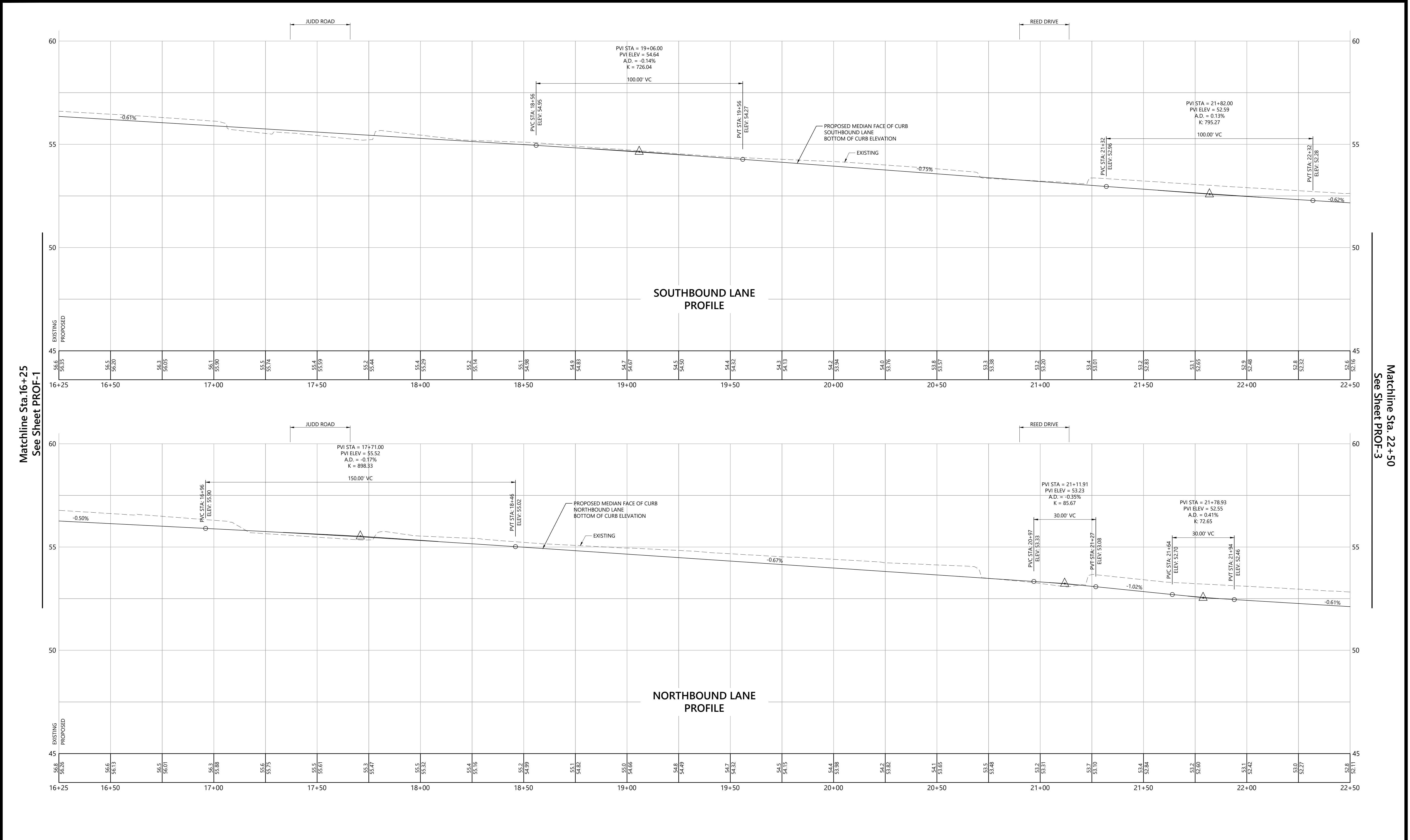
PROJECT TITLE:
**RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002**

CADD FILENAME: PROF-4266700.DWG

TOWN:
WETHERSFIELD, CONNECTICUT

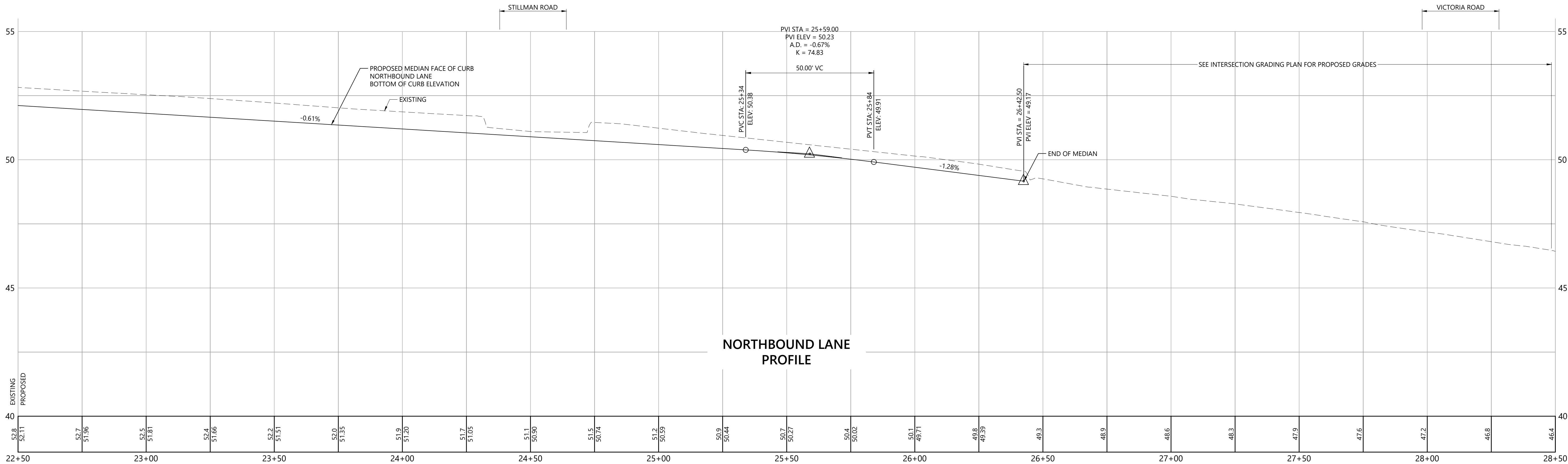
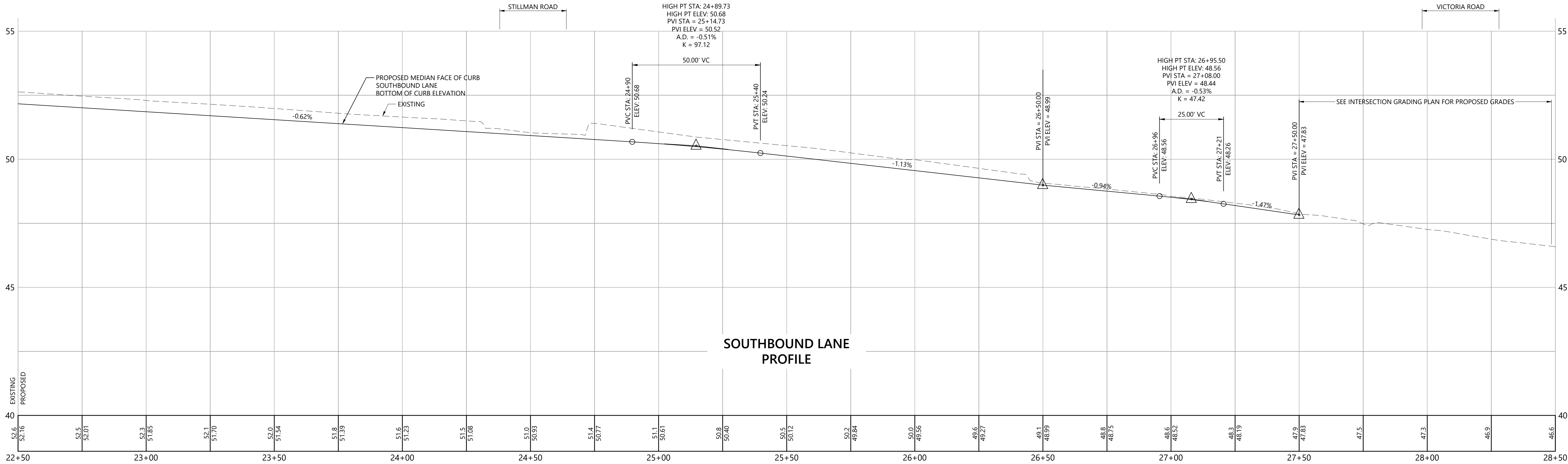
DRAWING TITLE:
**CONSTRUCTION PROFILES
WOLCOTT HILL ROAD**

PROJECT NO.: 42667.00
DRAWING NO.: PROF-1
SHEET NO.: 21 OF 53

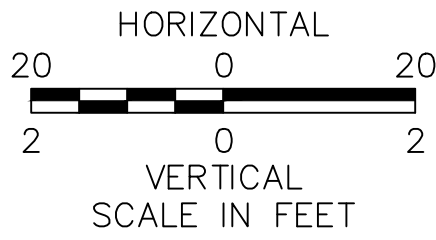


<table border="1"><thead><tr><th>REV.</th><th>DATE</th><th>DESCRIPTION</th><th>SHEET. NO.</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	REV.	DATE	DESCRIPTION	SHEET. NO.													<table border="1"><tr><td colspan="2">HORIZONTAL 20 0 20</td></tr><tr><td colspan="2">VERTICAL SCALE IN FEET 2 0 2</td></tr></table>	HORIZONTAL 20 0 20		VERTICAL SCALE IN FEET 2 0 2		<table border="1"><tr><td>DESIGNER: JRE</td><td rowspan="3"> Engineers Scientists Planners Designers</td></tr><tr><td>DRAFTER: JRE</td></tr><tr><td>CHECKED BY: BAA</td></tr><tr><td colspan="2">APPROVED BY: SON</td></tr></table>	DESIGNER: JRE	 Engineers Scientists Planners Designers	DRAFTER: JRE	CHECKED BY: BAA	APPROVED BY: SON		<table border="1"><tr><td rowspan="2"></td><td>PROJECT TITLE: RECONSTRUCTION OF WOLCOTT HILL ROAD AND FRANKLIN AVENUE FROM JORDAN LANE TO VICTORIA ROAD IN HARTFORD - L159-0002</td></tr><tr><td>CADD FILENAME: PROF-4266700.DWG</td></tr></table>		PROJECT TITLE: RECONSTRUCTION OF WOLCOTT HILL ROAD AND FRANKLIN AVENUE FROM JORDAN LANE TO VICTORIA ROAD IN HARTFORD - L159-0002	CADD FILENAME: PROF-4266700.DWG	<table border="1"><tr><td>TOWN: WETHERSFIELD, CONNECTICUT</td><td>PROJECT NO.: 42667.00</td></tr><tr><td>DRAWING TITLE: CONSTRUCTION PROFILES WOLCOTT HILL ROAD</td><td>DRAWING NO.: PROF-2</td></tr><tr><td colspan="2">SHEET NO.: 22 OF 53</td></tr></table>	TOWN: WETHERSFIELD, CONNECTICUT	PROJECT NO.: 42667.00	DRAWING TITLE: CONSTRUCTION PROFILES WOLCOTT HILL ROAD	DRAWING NO.: PROF-2	SHEET NO.: 22 OF 53	
	REV.	DATE	DESCRIPTION	SHEET. NO.																																			
HORIZONTAL 20 0 20																																							
VERTICAL SCALE IN FEET 2 0 2																																							
DESIGNER: JRE	 Engineers Scientists Planners Designers																																						
DRAFTER: JRE																																							
CHECKED BY: BAA																																							
APPROVED BY: SON																																							
	PROJECT TITLE: RECONSTRUCTION OF WOLCOTT HILL ROAD AND FRANKLIN AVENUE FROM JORDAN LANE TO VICTORIA ROAD IN HARTFORD - L159-0002																																						
	CADD FILENAME: PROF-4266700.DWG																																						
TOWN: WETHERSFIELD, CONNECTICUT	PROJECT NO.: 42667.00																																						
DRAWING TITLE: CONSTRUCTION PROFILES WOLCOTT HILL ROAD	DRAWING NO.: PROF-2																																						
SHEET NO.: 22 OF 53																																							
<p>ISSUED FOR CONSTRUCTION DATE: APRIL, 2022</p>																																							

Matchline Sta. 22+50
See Sheet PROF-2



REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.



DESIGNER: JRE
DRAFTER: JRE
CHECKED BY: BAA
APPROVED BY: SON



Engineers Scientists Planners Designers

ISSUED FOR CONSTRUCTION

DATE: APRIL, 2022



PROJECT TITLE:
RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002

CADD FILENAME: PROF-4266700.DWG

TOWN:
WETHERSFIELD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PROFILES
WOLCOTT HILL ROAD

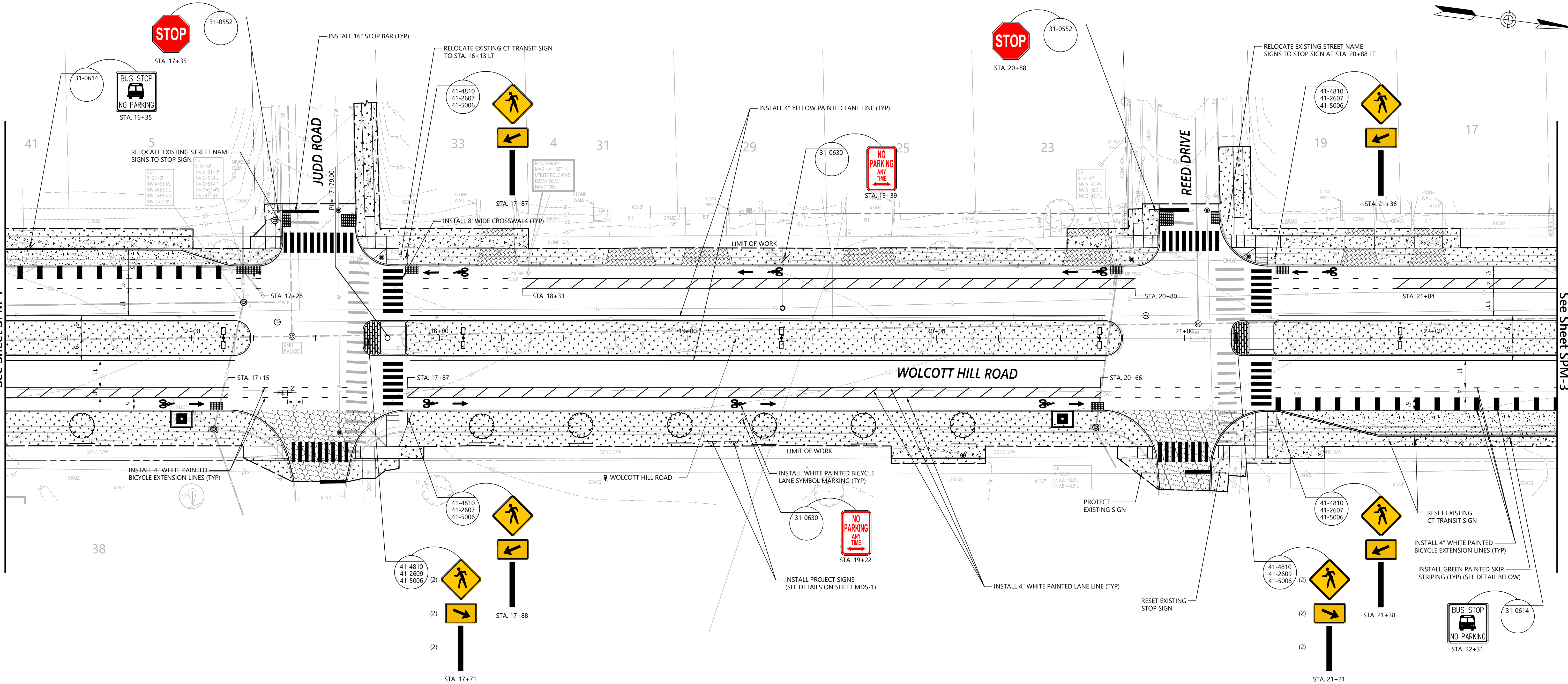
PROJECT NO.:
42667.00

DRAWING NO.:
PROF-3

SHEET NO.:
23 OF 53

Matchline Sta. 16+25
See Sheet SPM-1

Matchline Sta. 22+50
See Sheet SPM-3



NOTES:

1. ALL EXISTING SIGNS THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED BY THE CONTRACTOR AND SALVAGED OR DISPOSED OF AS DIRECTED BY THE ENGINEER UNLESS OTHERWISE NOTED.

GREEN PAINTED BICYCLE EXTENSION BARS TO BE PAID FOR UNDER ITEM #1209131 - HOT-APPLIED PAINTING LEGEND, ARROWS AND MARKINGS

4" WHITE PAINTED BICYCLE EXTENSION LINES

GREEN PAINTED SKIP STRIPING

REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.



DESIGNER:
JRE
DRAFTER:
JRE
CHECKED BY:
BAA
APPROVED BY: SON

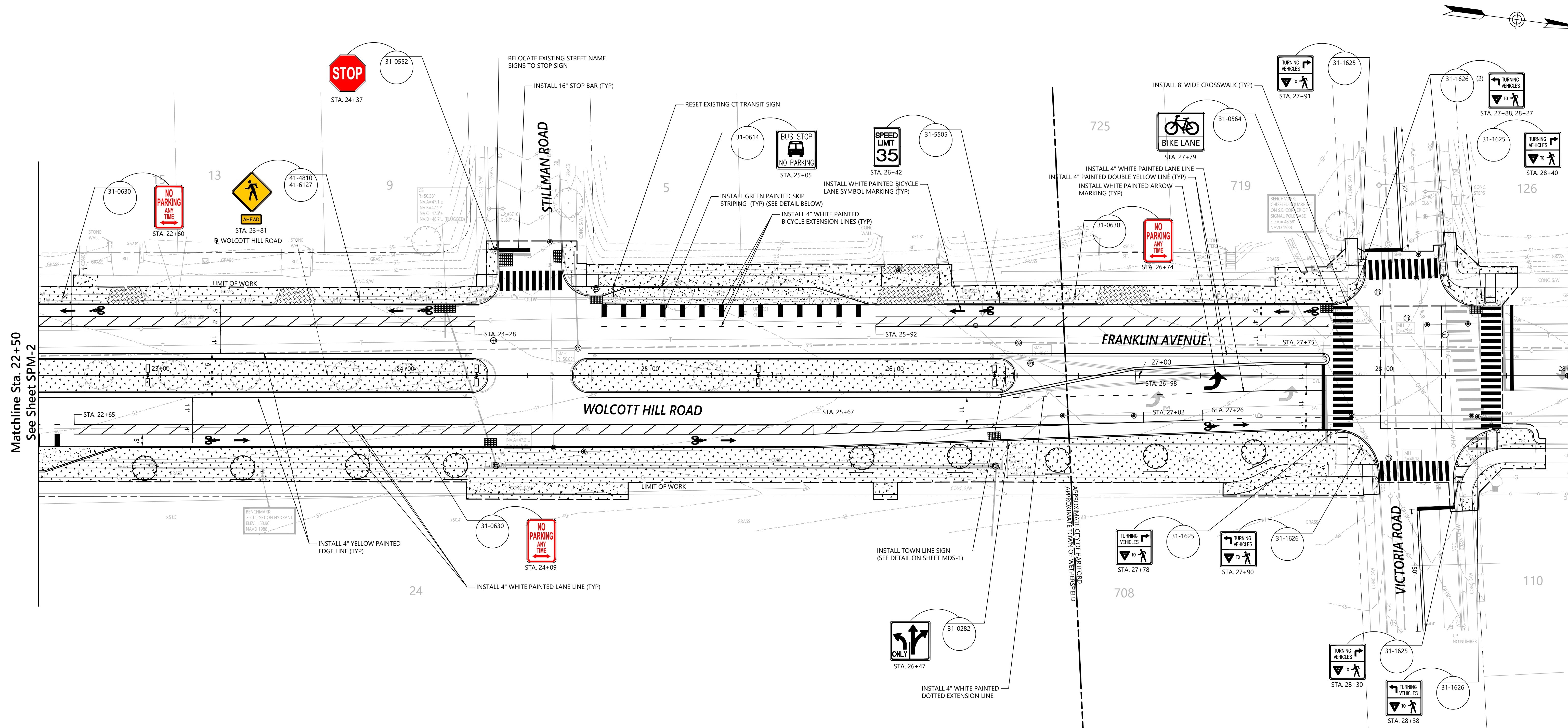
vhb
Engineers Scientists Planners Designers
ISSUED FOR CONSTRUCTION DATE: APRIL, 2022



PROJECT TITLE:
RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002
CADD FILENAME: SPM-4266700.DWG

TOWN:
WETHERSFIELD, CONNECTICUT
DRAWING TITLE:
SIGN & PAVEMENT MARKING PLAN
WOLCOTT HILL ROAD

PROJECT NO.:
42667.00
DRAWING NO.:
SPM-2
SHEET NO.:
29 OF 53



Matchline Sta. 22+50
See Sheet SPM-2

- NOTES:
- ALL EXISTING SIGNS THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED BY THE CONTRACTOR AND SALVAGED OR DISPOSED OF AS DIRECTED BY THE ENGINEER UNLESS OTHERWISE NOTED.

GREEN PAINTED BICYCLE EXTENSION BARS TO BE PAID FOR UNDER ITEM #1209131 - HOT-APPLIED PAINTING LEGEND, ARROWS AND MARKINGS

4" WHITE PAINTED BICYCLE EXTENSION LINES

GREEN PAINTED SKIP STRIPING

REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.

20 0 20
SCALE IN FEET

DESIGNER:
JRE
DRAFTER:
JRE
CHECKED BY:
BAA
APPROVED BY: SON


Engineers Scientists Planners Designers
ISSUED FOR CONSTRUCTION DATE: APRIL, 2022



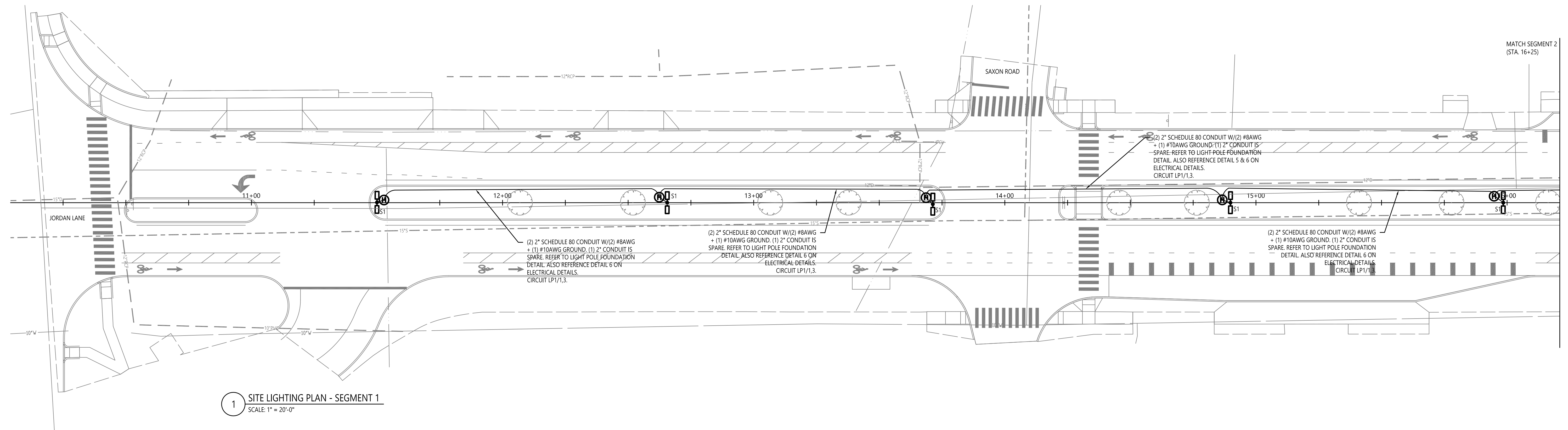
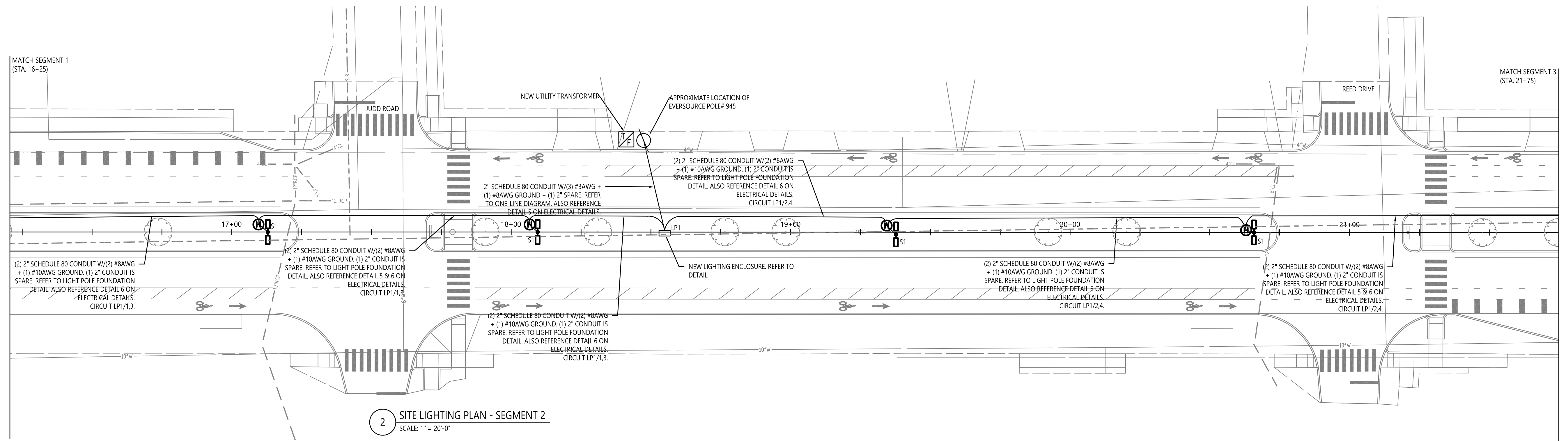
PROJECT TITLE:
RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002
CADD FILENAME: SPM-4266700.DWG

TOWN:
WETHERSFIELD, CONNECTICUT
DRAWING TITLE:
SIGN & PAVEMENT MARKING PLAN
WOLCOTT HILL ROAD

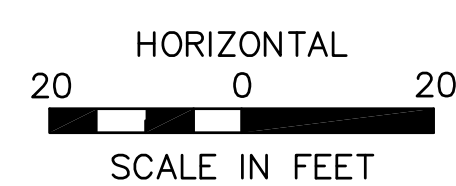
PROJECT NO.:
42667.00
DRAWING NO.:
SPM-3
SHEET NO.:
30 OF 53

CONSTRUCTION NOTES:

- ALL WORK SHOWN ON THESE PLANS WILL BE PAID UNDER
THE "LIGHTING ITEMS" PROVIDED ON THE BID FORMS.



REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	



DESIGNER:	MTC
DRAFTER:	MTC
CHECKED BY:	RRB
APPROVED BY:	RRB



ISSUED FOR CONSTRUCTION

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
One Post Hill Place, New London, CT 06320
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucci.com



PROJECT TITLE:
RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002

CADD FILENAME: 20.259 - ELECTRICAL SCALED.DWG

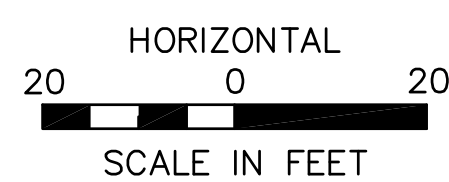
TOWN: **WETHERSFIELD, CONNECTICUT**

DRAWING TITLE: **LIGHTING PLAN
WOLCOTT HILL ROAD**

PROJECT NO.:
42667.00

DRAWING NO.:

SHEET NO.:
49 OF 53

[illegible]

DESIGNER:	MTC
DRAFTER:	MTC
CHECKED BY:	RRB
APPROVED BY:	RRB



SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
One Post Hill Place, New London, CT 06320
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucci.com



PROJECT TITLE:
RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002

CADD FILENAME: 20.259 - ELECTRICAL SCALED.DWG

TOWN:
WETHERSFIELD, CONNECTICUT

DRAWING TITLE:

LIGHTING PLAN

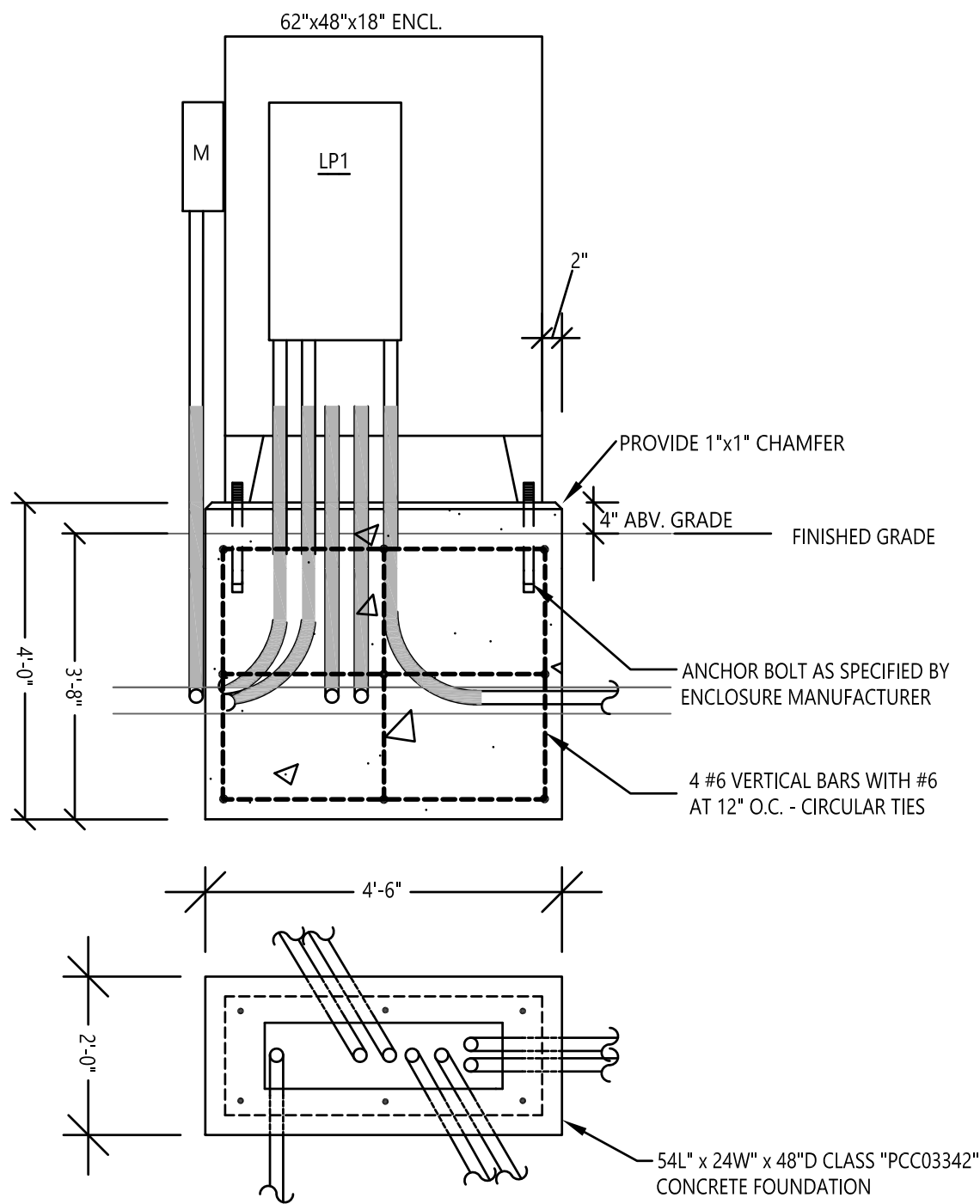
WOLCOTT HILL ROAD

PROJECT NO.:
42667.00

SHEET NO.:
50 OF 53

CONSTRUCTION NOTES:

- ALL WORK SHOWN ON THESE PLANS WILL BE PAID SEPARATELY THAN REMAINING WORK FOR THE PROJECT.

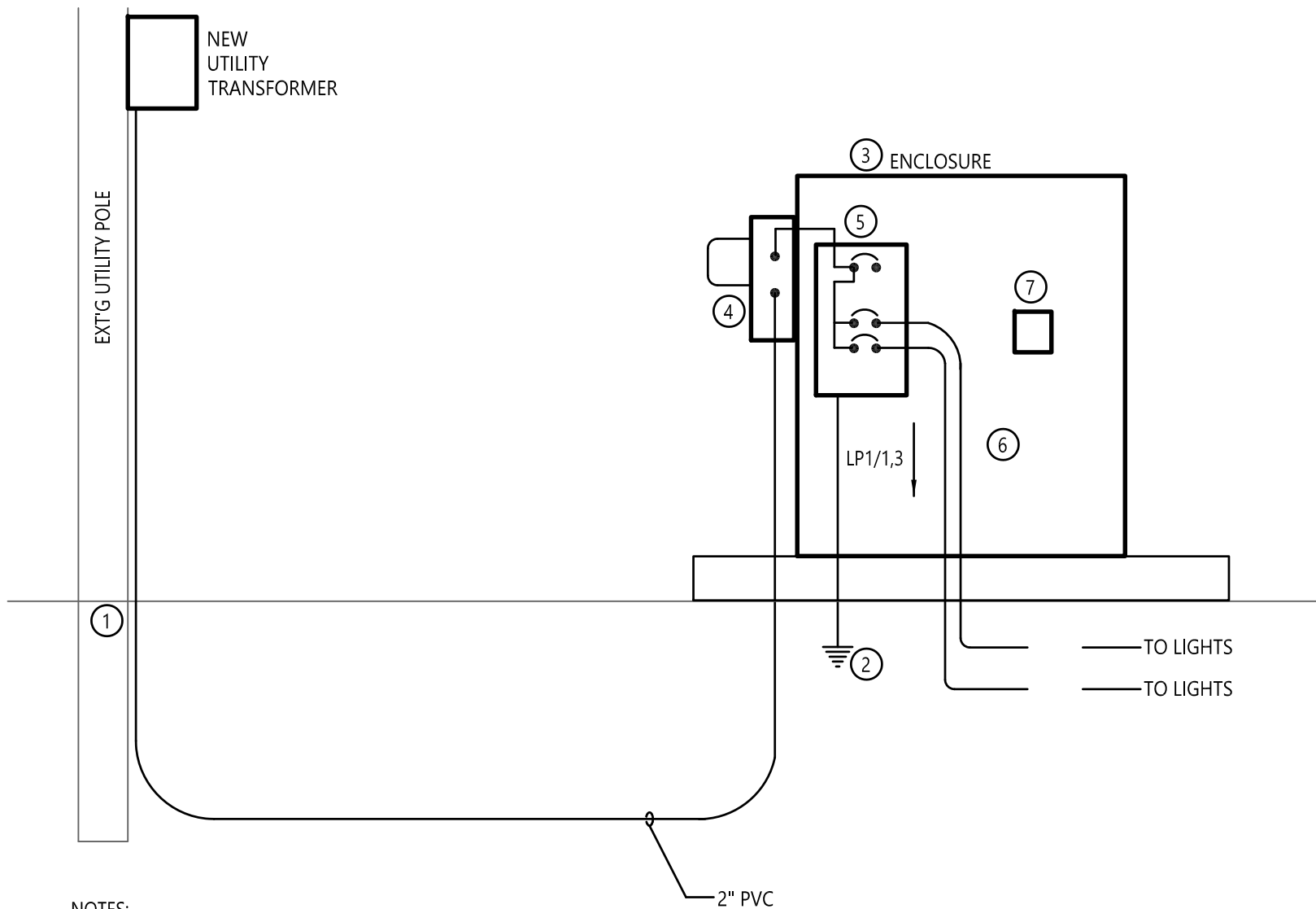


NOTES:

- INSTALL FOUNDATION ON 6" 3/4" CRUSHED STONE OR PROCESSED GRAVEL LEVEL.
- FOUNDATION WITH A PROJECTION OF 4" ABOVE FINISHED GRADE.
- PLACE 3/4" CRUSHED STONE OR PROCESSED GRAVEL IN THE CENTER OPENINGS AFTER THE CONDUITS AND GROUND ROD HAVE BEEN INSTALLED. THE OPENINGS SHALL BE CAPPED WITH A 2" GROUT LEVEL WITH THE TOP OF THE FOUNDATION AND NEATLY FINISHED. THE GROUT SHALL CONFORM WITH THE REQUIREMENTS OF DOT ARTICLE M.3.01-12.
- CONCRETE SHALL BE CLASS "PCC03342" CONFORMING TO ARTICLE M. 03.01.

1 SERVICE ENCLOSURE FOUNDATION

SCALE: NONE

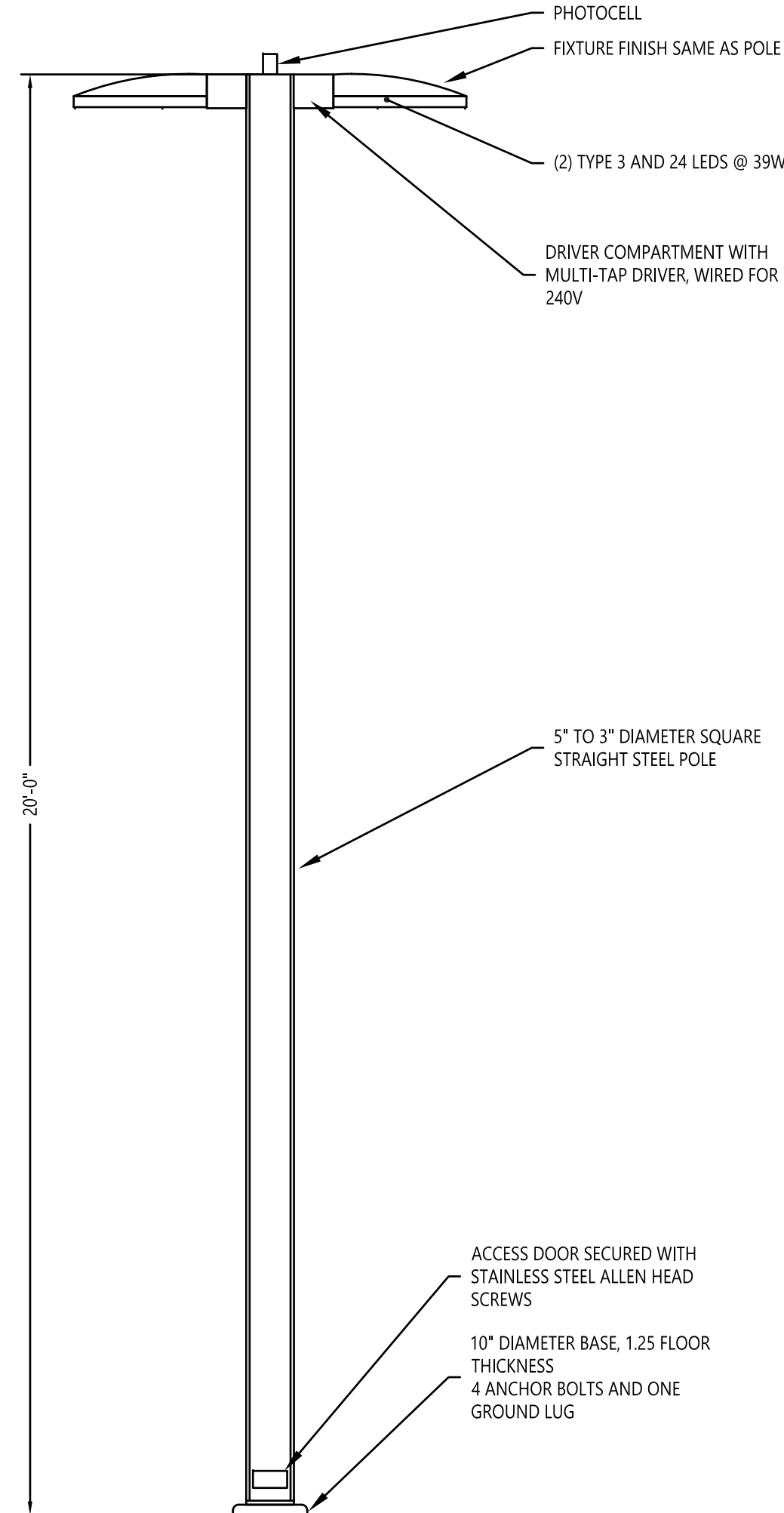


NOTES:

- EXISTING UTILITY POLE. CONTRACTOR SHALL PROVIDE (2) 2" PVC 90 DEGREE ELBOW AT BASE OF POLE & BASE OF SERVICE ENCLOSURE AND (1) RGS RISER WITH STAND-OFFS UP POLE. SECOND CONDUIT IS A SPARE AND SHOULD BE PROVIDED WITH A PULL STRING AND SHOULD TERMINATE 3' ABOVE GRADE/CONCRETE PAD WITH A CAP. CONTRACTOR SHALL INSTALL (3) #3AWG + #8AWG GROUND IN THE "ACTIVE" CONDUIT FROM THE NEW POLE MOUNTED TRANSFORMER TO THE METER AND FROM THE METER TO THE PANEL.
- CONTRACTOR SHALL FURNISH & INSTALL SERVICE GROUND IN ACCORDANCE WITH NEC ARTICLE 250 AND UTILITY REQUIREMENTS. PROVIDE A 10' GROUND ROD AND CONNECT TO GROUND BAR IN PANELBOARD.
- CONTRACTOR SHALL FURNISH & INSTALL A PEDESTAL MOUNTED HINGED DOOR SERVICE ENCLOSURE TO HOUSE ELECTRICAL EQUIPMENT. ENCLOSURE SHALL BE A MINIMUM OF (62"H x 48"W x 18"D) WITH 12"H PEDESTALS MOUNTED TO A CONCRETE PAD. ENCLOSURE SHALL BE 4X RATED.
- CONTRACTOR SHALL FURNISH AND INSTALL AN EVERSOURCE APPROVED 100A, 10, 120/240V IN-LINE 5 TERMINAL METER SOCKET MOUNTED TO THE SIDE OF THE ENCLOSURE.
- CONTRACTOR SHALL FURNISH & INSTALL A 100A, 12 CIRCUIT, 120/240V-10 PANELBOARD (L1) WITH 60A MAIN BREAKER AND (2)20A-2P & (8)20A-1P CIRCUIT BREAKERS.
- CONTRACTOR SHALL FURNISH & INSTALL A FIRE RETARDANT TREATED PLYWOOD BACKBOARD WITHIN THE ENTIRE INSIDE SURFACE OF THE ENCLOSURE.
- PROVIDE GFI SERVICE RECEPTACLE IN ENCLOSURE POWERED VIA ONE OF THE 20A-1P CIRCUIT BREAKERS.

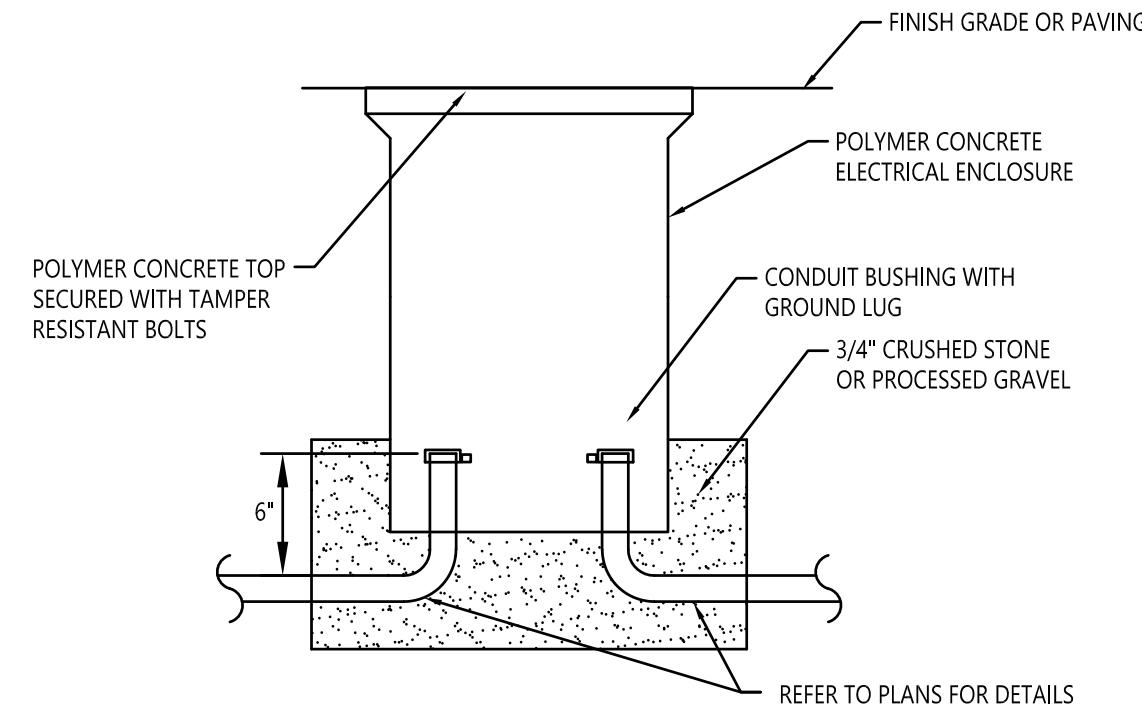
2 ELECTRICAL ONE-LINE DIAGRAM

SCALE: NONE



3 LIGHT POLE DETAIL

SCALE: NONE

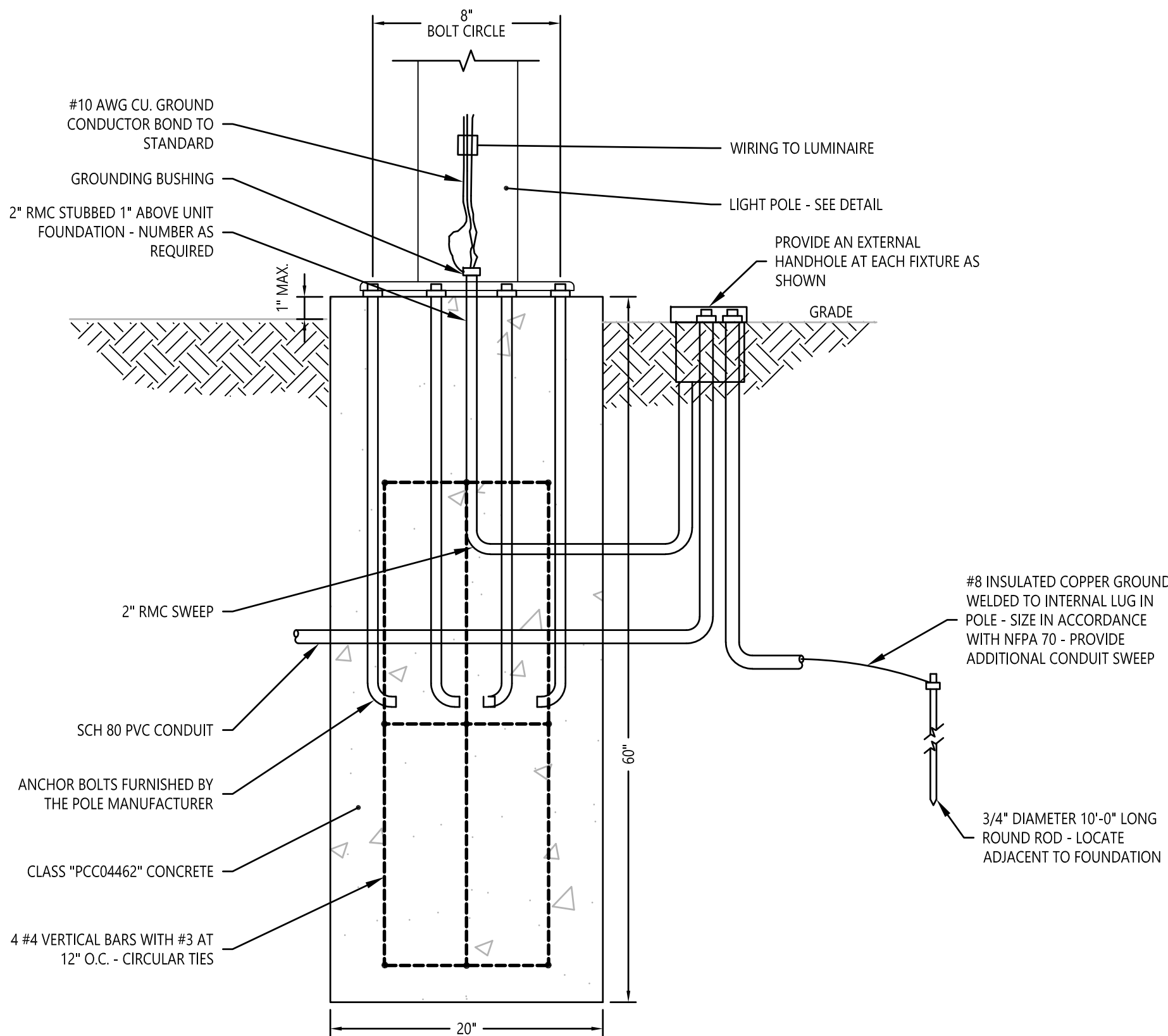


NOTES:

- PULLBOXES SHALL BE SET ON A 12" BED OF COMPACTED CRUSHED STONE OR PROCESSED GRAVEL. BED SHALL EXTEND 6" BEYOND EACH WALL (I.E. 13"x24" BOX, PAD SHALL BE 25"x36"). THE EXTERIOR OF THE BOTTOM BOX SHALL BE BACKFILLED WITH 12" OF COMPACTED BED MATERIAL.
- PULLBOXES SHALL BE OPEN BOTTOM TYPE, WITH NOMINAL DIMENSION OF 11"W X 18"L X 18"D WITH A 1 1/4" BOTTOM EDGE. TOP SHALL BE DESIGNED WITH BOLT HOLES, PULL SLOT AND CUSTOM LOGO. BOX COLOR SHALL BE SELECTED FROM MANUFACTURER'S STANDARD COLORS. PULLBOXES SHALL BE UL LISTED TIER 15 (MINIMUM). HAND HOLE COVERS SHALL BE SECURED WITH STAINLESS STEEL PENTA-HEAD BOLTS.
- PROVIDE PRODUCT DATA SHEETS, WHICH INDICATE DIMENSIONS, DESIGN INFORMATION, LOAD RATING DATA, MATERIAL INFORMATION, ALONG WITH MANUFACTURER'S INFORMATION FOR REVIEW. SUBMIT PRODUCT SAMPLES, IN MANUFACTURER'S STANDARD COLORS TO ALLOW FOR COLOR SELECTION. PRODUCT SAMPLES SHALL HAVE NOMINAL DIMENSIONS OF 4"x6".
- WHERE REQUIRED, CONTRACTOR SHALL FIELD DRILL HANDHOLE TO INSTALL CONDUITS FOR LIGHT POLES, AFTER INSTALLATION OF CONDUIT, HOLES SHALL BE SEALED, USING MATERIALS AS RECOMMENDED BY THE HANDHOLE MANUFACTURER.

4 HANDHOLE DETAIL

SCALE: NONE



7 LIGHT POLE FOUNDATION DETAIL

SCALE: NONE

GENERAL NOTES:

- THE INTENT OF THESE CONTRACT DOCUMENTS ARE FOR THE CONTRACTOR TO FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM. SYSTEM SHALL BE COMPLETE IN ALL RESPECTS, OPERATING, TESTED, ADJUSTED, APPROVED BY THE AUTHORITIES HAVING JURISDICTION AND READY FOR BENEFICIAL USE BY THE OWNER.
- THE CONTRACTOR SHALL OBTAIN AND REVIEW ALL CONTRACT DOCUMENTS, INCLUDING PROJECT MANUALS, PLANS AND SPECIFICATIONS OF ALL TRADES BEFORE SUBMITTING THE BID. CONTRACTOR SHALL WALK THROUGH SITE PRIOR TO SUBMITTING BID.
- CONTRACT DOCUMENTS AND SPECIFICATIONS ARE COMPLIMENTARY TO FORM A COMPLETE DESIGN PACKAGE. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER TO DETERMINE WHICH TRADE CONTRACTOR IS RESPONSIBLE FOR VARIOUS PORTIONS OF THE WORK.
- ALL WORK AND ACTION DEPICTED AND DESCRIBED SHALL BE PERFORMED BY THE CONTRACTOR AND SHALL CARRY IN THEIR BASE BID UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE WITH BID ALTERNATES.
- OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS.
- ALL EQUIPMENT, MATERIALS AND RELATED SYSTEMS COMPONENTS SHALL BE NEW UNLESS SPECIFICALLY NOTED OTHERWISE.
- REPAIR AND/OR REPLACE AT NO COST TO OWNER ALL EQUIPMENT AND MATERIALS DAMAGED DURING CONSTRUCTION.
- THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF EQUIPMENT WITH ALL TRADES BEFORE STARTING CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE APPLICABLE CODES IN THE ORDINANCES AND THE REGULATORY AGENCIES HAVING JURISDICTION.
- WHEN CONFLICTS OCCUR BETWEEN THE DRAWINGS AND/OR SPECIFICATIONS IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR SHALL CARRY AS PART OF THE BID THE LARGER QUANTITY AND/OR MORE EXPENSIVE ITEM(S).
- ALL BRANCH CIRCUIT WIRING SHOWN IS DIAGRAMMATIC. EXACT ROUTING SHALL BE FIELD COORDINATED TO CLEAR THE WORK OF OTHER TRADES.
- CONTRACTOR IS RESPONSIBLE FOR ANY & ALL COORDINATION W/UTILITY COMPANIES & IS RESPONSIBLE FOR ANY ADJUSTMENTS THAT ARE MADE BY THEM.
- ALL CONDUIT IN THE MEDIAN SHALL BE SCHEDULE 80 PVC. ALL CONDUIT UNDER THE ROADWAY & ENTERING THE FIXTURES SHALL BE RMC.
- TRENCHING DETAILS SHOWN ARE TO BE USED FOR INSTALLATION OF CONDUITS ASSOCIATED WITH THE LIGHTING ITEMS ONLY.

REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.

DESIGNER: MTC
DRAFTER: MTC
CHECKED BY: RRB
APPROVED BY: RRB



SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
One Post Hill Place, New London, CT 06320
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucelli.com

ISSUED FOR CONSTRUCTION

DATE: APRIL 1, 2022



PROJECT TITLE:
**RECONSTRUCTION OF WOLCOTT HILL
ROAD AND FRANKLIN AVENUE
FROM JORDAN LANE TO VICTORIA
ROAD IN HARTFORD - L159-0002**

CADD FILENAME: 20.259 - E100 ELECTRICAL PLANS.DWG

TOWN:
WETHERSFIELD, CONNECTICUT

DRAWING TITLE:
**ELECTRICAL
DETAILS**

PROJECT NO.:
42667.00

DRAWING NO.:

SHEET NO.:
51 OF 53