Soil Erosion and Sedimentation Control Application

2017 Roadway Improvement Project

East Hartford, Connecticut

PREPARED FOR

Town of East Hartford
Public Works Department
East Hartford, CT 06108

PREPARED BY

100 Great Meadow Road
Suite 200
Wethersfield, CT 06109
860.807.4300

January 30, 2017

REVISED

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Permit Application Narrative

This narrative has been prepared to accompany the Application for Soil-Erosion and Sedimentation Control which are filed according to the Town of East Hartford Zoning Regulations.

Introduction

The Applicant, The Town of East Hartford Public Works Department, seeks to improve 22 roads in three different locations within East Hartford as part of the Town's comprehensive roadway improvement project plan for 2017. These roads are:

- Adams Street,
- Barbonsel Road;
- Claremont Street;
- Deerfield Court;
- Deerfield Avenue;
- Edward Street;
- Franklin Street;
- Godar Terrace;
- Greene Terrace;
- Jayce Street;
- Linden Street;
- Maplewood Avenue;
- Murray Street;
- Oakland Avenue;
- Park Avenue;
- Rose Street;
- Springside Avenue;
- Stanley Street;
- Sterling Road;
- Vine Street;
- Webster Street;
- Woodbridge Avenue.

The Soil-Erosion and Sedimentation Control application applies to all of the 2017 Roadway Improvement Project roads. The proposed roadway improvements will

generally consist of pavement reconstruction, reclamation to a depth of approximately 12", milling, overlay paving; curb replacement, local drainage improvements, installation of new catch basins and pipes, resetting of drainage structures, frames, and grates, sidewalk and curb ramp improvements, utility structure adjustments, pavement markings, miscellaneous signage, and landscaping.

The roadways under consideration for improvement are currently in poor condition and require mill and overlay. reconstruction and pavement reclamation to improve the riding surfaces and safety. The roadway improvements will not extend beyond the currently existing roadway right-of-way, except at some driveways and sidewalk ramps where the work will extend a few feet beyond the right of way line to tie proposed grades into existing. The proposed elevations will general match existing and there will be no increase in impervious surfaces.

Existing storm drain catch basins will be cleaned of debris and the tops of the catch basins will be replaced. Existing storm drain pipes will also be cleaned to their outfall. Where appropriate, the catch basins will be converted to the standard Type "C" or Type "C-L" catch basin tops. In some cases, replacement of existing catch basins will be required due to deteriorations of the existing drainage structures. There will be no discernable change to the existing drainage patterns or treatment to storm water quantity or quality from the roadway as a result of the proposed roadway improvements.

A completed *Application for Soil-Erosion and Sedimentation Control* is provided as Attachment A.

Location and Site Vicinity Description

The Applicant seeks to improve 22 roads in East Hartford in three different locations described in this section. The current land use within the Project Area is a mix of residential, commercial, and industrial uses. All of the roads that are the subject of this permit application are owned by the Town of East Hartford and maintained by the Public Works Department. These roadways are currently in poor condition with uneven driving surfaces and areas of cracked and crumbling pavement. The locations of the roadways included in the 2017 improvement project are depicted on three (3) site location maps. The maps are labeled as *Figures 1, 2, and 3* and are included in the *Figures* appendix.

Park Avenue & Neighborhood Streets

The Project Area at Park Avenue also includes Deerfield Avenue, Deerfield Court, Greene Terrace, Rose Street, Springside Avenue, Murray Street, Adams Street, Vine Street, Stanley Street, Edward Street, Sterling Road, Woodbridge Avenue, Webster Street, Linden Street, Claremont Street, Maplewood Avenue, Oakland Avenue and Franklin Street depicted on Figure 1.

Jayce Street

The Jayce Street Project Area is depicted as Figure 2. In the Project Area, Jayce Street is west of Route 2 and constructed in the East Hartford Levee protection area.

Barbonsel Road & Godar Terrace

This neighborhood consists of two roads: Barbonsel Road and Godar Terrace and are depicted on Figure 3.

Proposed Activities

The applicant proposes reconstruction, reclamation and mill and overlay to approximately 24,419 linear feet of residential and collector roadways throughout the Town of East Hartford, Connecticut in 2017. The Soil-Erosion and Sedimentation Control Application applies to all 22 roads that are part of the 2017 Roadway Improvement Project.

Reduced size site plans are enclosed with this application and full size site plans depicting the proposed work are bound separately. Descriptions of the project limits and details of the lengths of the individual roadways involved in the project are provided in the Project Roadway List in Attachment B.

The proposed roadway improvements will generally consist of pavement reconstruction, reclamation to a depth of approximately 12", milling, overlay paving; curb replacement, local drainage improvements, installation of new catch basins and pipes, resetting of drainage structures, frames, and grates, sidewalk and curb ramp

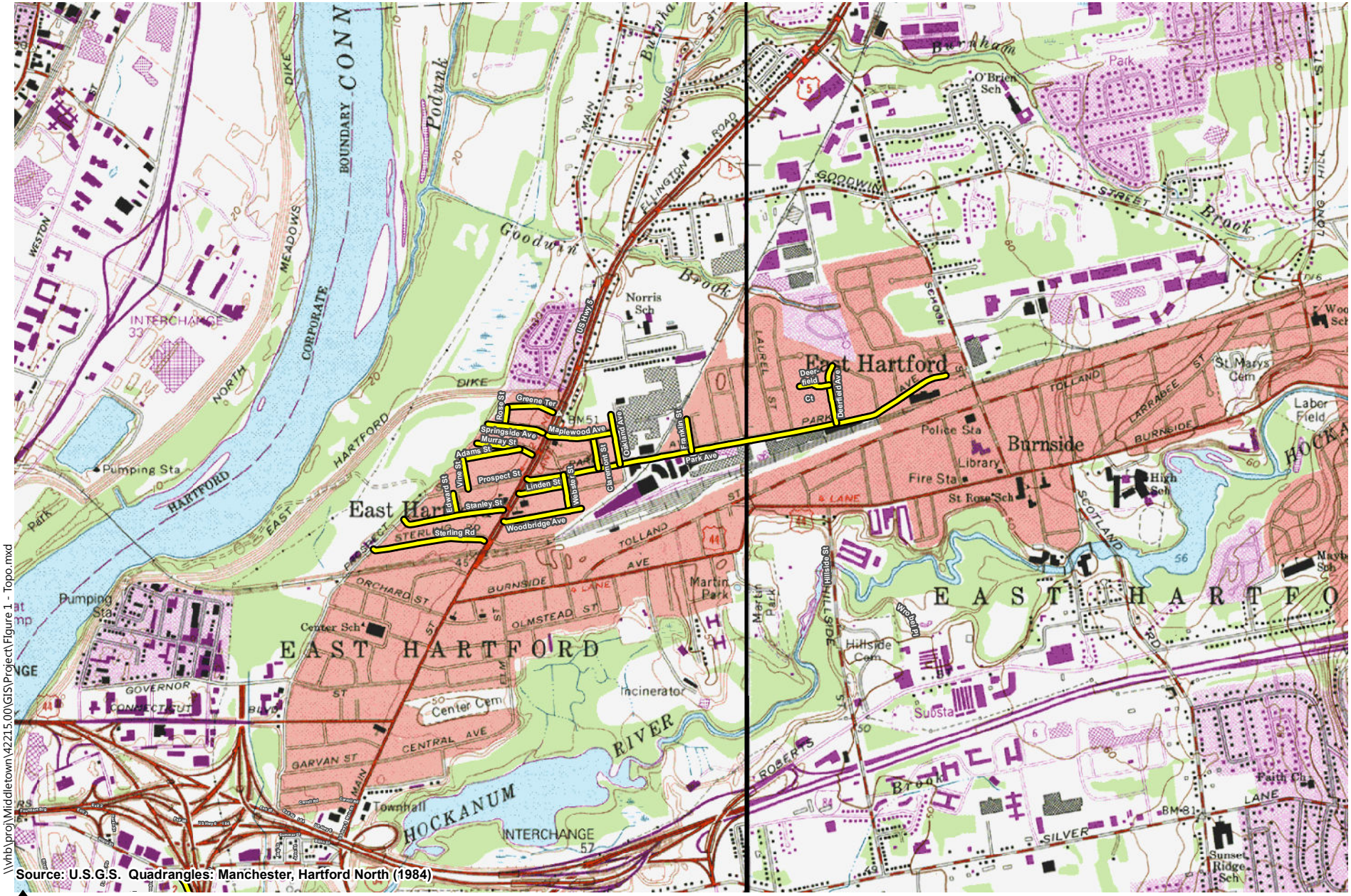
improvements, utility structure adjustments, pavement markings, miscellaneous signage, and landscaping.

The roadways under consideration for improvement are currently in poor condition and require reconstruction, pavement reclamation, and mill and overlay to improve the riding surfaces and safety. The roadway improvements will not extend beyond the currently existing roadway right-of-way, except at some driveways and sidewalk ramps where the work will extend a few feet beyond the right of way line to tie proposed grades into existing. The proposed elevations will general match existing and there will be no increase in impervious surfaces.

Standard erosion control techniques will be employed as necessary during the roadway improvement construction phase generally in accordance with the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control*. Techniques will include silt fence installation and protection of existing catch basins. However, the nature of much of the proposed work will contain construction activities within the existing roadway surface thereby minimizing the risk or erosion and transport of sediments to surrounding properties and sensitive wetland and watercourse resource areas. There will be no discernable change to the existing drainage patterns or treatment to storm water quantity or quality from the roadways as a result of the proposed improvements.

The Town of East Hartford Public Works Department respectfully requests that the East Hartford Planning and Zoning Commission find this proposal adequately protective of the interests of the Zoning Regulations and issue a Soil-Erosion and Sedimentation Control permit for the project.

Figures

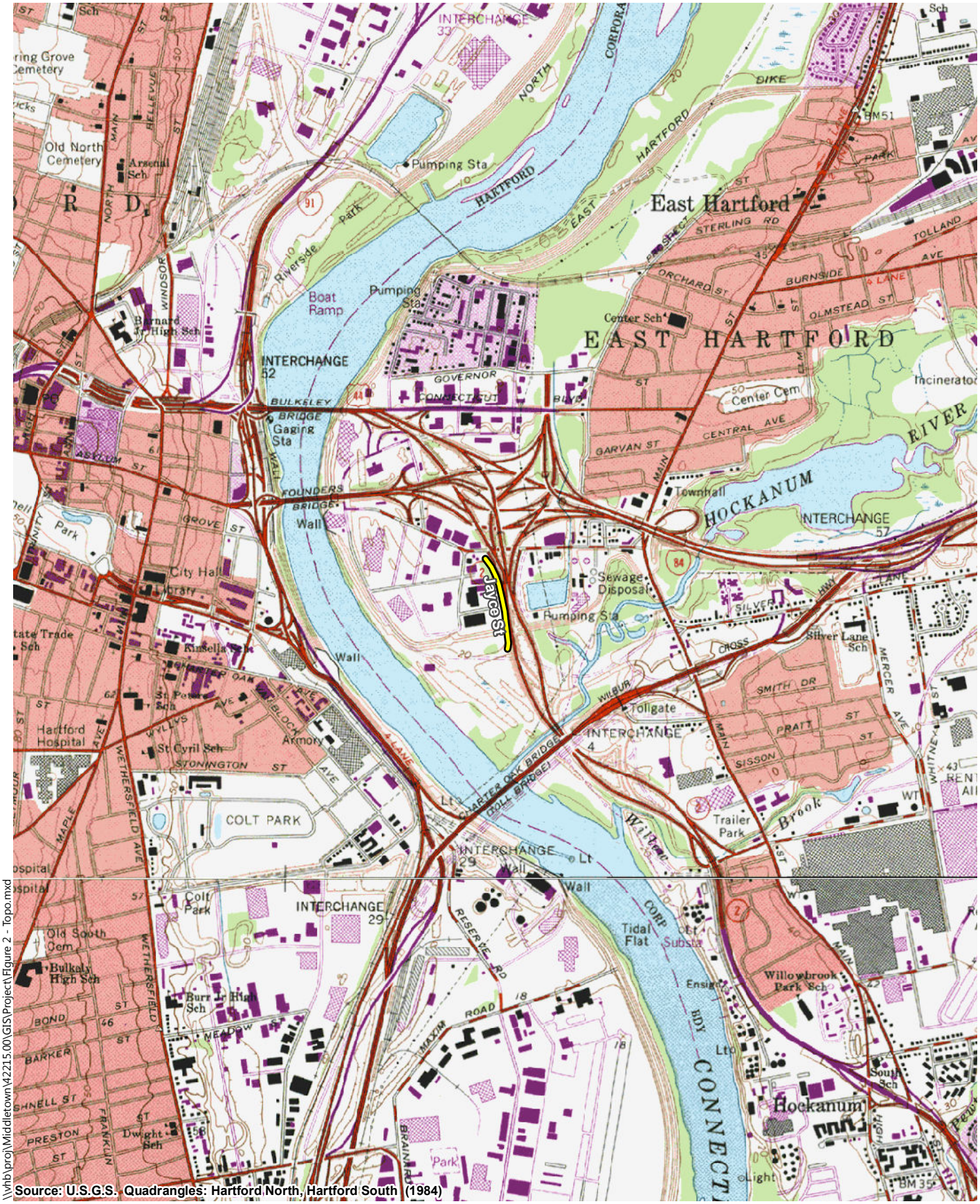


Roadway Improvement Project Area

0 500 1000 2000 Feet
Scale=1:24,000

Figure 1
Park Avenue & Neighborhood Streets
2017 Roadway Improvement Design
East Hartford, Connecticut
Registrant: Town of East Hartford

\\vhb\proj\Middletown\42215.00\GIS\Project\Figure 1 - Topo.mxd



Source: U.S.G.S. Quadrangles: Hartford North, Hartford South (1984)

\\vhb\proj\Middletown\42215.00\GIS\Project\Figure 2 - Topo.mxd

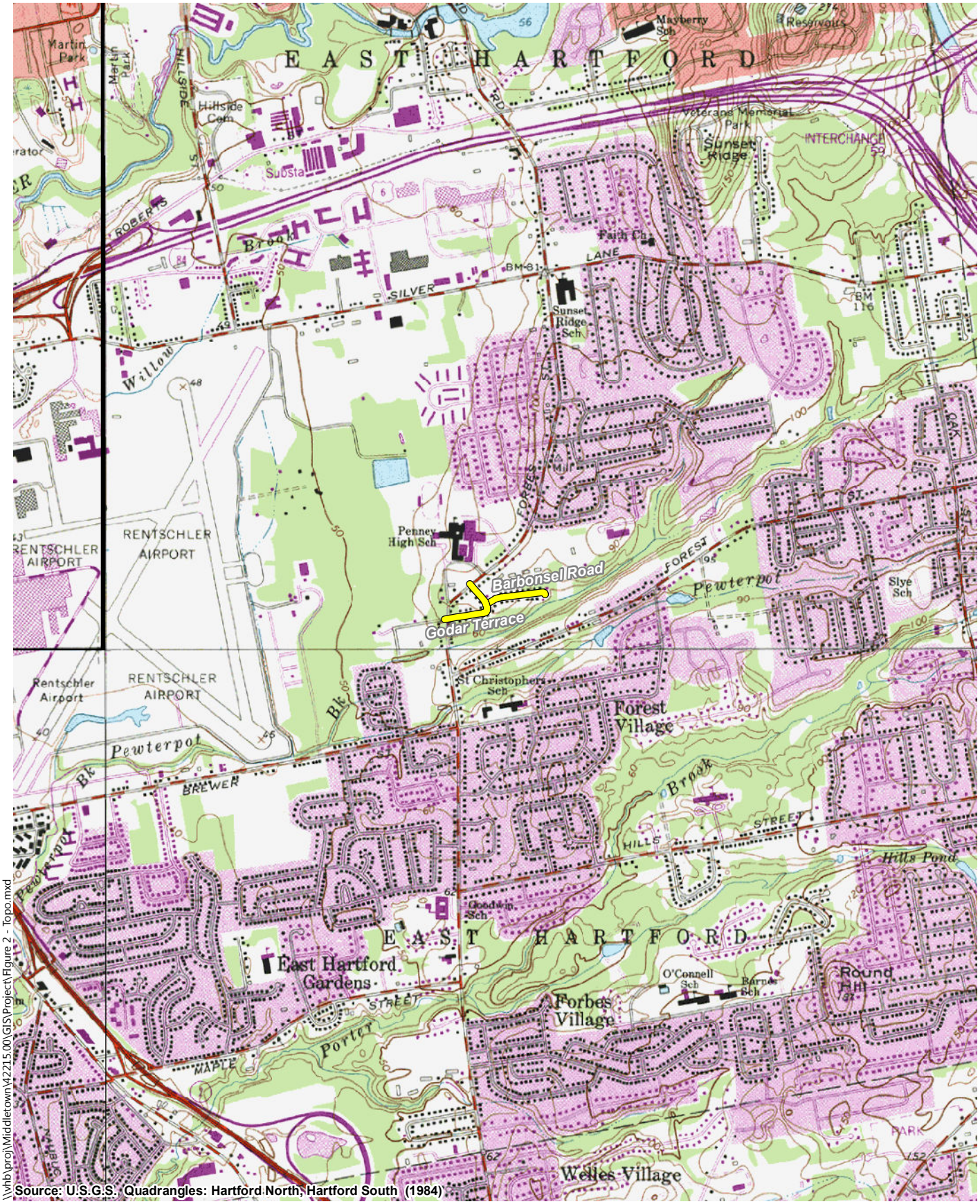
Legend

Roadway Improvement Project Area

0 500 1000 2000 Feet

Scale = 1:24,000

Figure 2
Jayce Street
2017 Roadway Improvement Design
East Hartford, Connecticut
Registrant: Town of East Hartford



Source: U.S.G.S. Quadrangles: Hartford North, Hartford South (1984)

\\vhb\proj\Middletown\42215.00\GIS\Project\Figure 2 - Topo.mxd

Legend

Roadway Improvement Project Area

0 500 1000 2000 Feet

Scale = 1:24,000

Figure 3
Barbonsel Road & Godar Terrace
2017 Roadway Improvement Design
East Hartford, Connecticut
Registrant: Town of East Hartford

Attachment A: Application for Soil-Erosion and Sedimentation Control

TOWN OF EAST HARTFORD
PLANNING & ZONING COMMISSION
APPLICATION FORM

DATE: 1/9/2017

Official Receipt Date: ___/___/___

1. APPLICATION TYPE: (CHECK ALL THAT APPLY) *COMPLETE SECTION ON PAGE 2 OR 3

- ☐ SITE PLAN APPLICATION
- ☐ SITE PLAN MODIFICATION
- ☐ FLOOD HAZARD – MAJOR*
- ☐ FLOOD HAZARD – MINOR*
- ☐ NATURAL RESOURCES REMOVAL AND FILLING
- ☐ SPECIAL USE PERMIT*
- ☐ ZONING MAP CHANGE*
- ☐ TEXT AMENDMENT*
- ☐ SITE LOCATION APPROVAL
  - VEHICLE SALES ▶ ☐ NEW ☐ USED
  - REPAIRER ▶ ☐ LIMITED ☐ GENERAL
  - FUEL SALES ▶ ☐ FILLING STATION
- ☑ SOIL EROSION AND SEDIMENTATION - Cumulative disturbed area (sq. ft.): 591,980

2. SITE AND PROJECT INFORMATION

PROPERTY ADDRESS: Various Roadways ZONE: _____

ASSESSORS MAP AND LOT: _____ PARCEL SIZE (ACRES OR SQ. FT.): _____

PROJECT NAME: 2017 Roadway Improvement Project

PROJECT DESCRIPTION (ATTACH ADDITIONAL SHEETS IF NEEDED):

Reconstruction, reclamation, milling, overlay paving, curb replacement, drainage improvements, sidewalk and curb ramp replacement, utility structure adjustment, pavement markings, signage and landscaping (see additional sheets)

3. PROPERTY OWNER INFORMATION ☑ CHECK IF PRIMARY CONTACT

OWNER OF RECORD: Town of East Hartford

OWNER ADDRESS: 740 Main Street, East Hartford, CT 06108

OWNER PHONE: 860-291-7361 OWNER EMAIL: tbockus@easthartfordct.gov

OWNER SIGNATURE: Timothy A. Bockus PRINT NAME: Timothy A. Bockus

The undersigned owner hereby authorizes: **(1)** this application, and **(2)** the Planning and Zoning Commission and Town of East Hartford staff the right to enter upon the property for the purposes of inspection associated with this application.

4. APPLICANT INFORMATION ☑ CHECK IF PRIMARY CONTACT

☑ CHECK IF APPLICANT IS SAME AS PROPERTY OWNER

APPLICANT: _____

APPLICANT ADDRESS: _____

APPLICANT PHONE: _____ APPLICANT EMAIL: _____

APPLICANT SIGNATURE: _____ PRINT NAME: _____

5. DESIGN PROFESSIONAL INFORMATION ☑ CHECK IF PRIMARY CONTACT

FIRM: VHB PHONE: 860-807-4342

CONTACT PERSON: Bill Anderson EMAIL: baanderson@vhb.com

Attachment B:
2017 Roadway Improvement Project
Roadway List

Registrant: Town of East Hartford
2017 Roadway Improvement Project
Roadway List

Project Roadway – Pavement Reclamation/Reconstruction

Street Name	From	To	Length (LF)
Adams Street	Vine Street	Murray Street	837
Barbonsel Road	Godar Terrace	Cul-De-Sac	937
Claremont Street	Maplewood Avenue	Park Avenue	470
Deerfield Court	Deerfield Avenue	Cul-De-Sac	420
Deerfield Avenue	Park Avenue	Michael Avenue	870
Edward Street	Prospect Street	Stanley Street	333
Franklin Street	Park Avenue	Dead End	425
Godar Terrace	Forbes Street	Forbes Street	1,163
Greene Terrace	Main Street	Rose Street	737
Jayce Street	Pitkin Street	East River Drive Ext.	1,588
Linden Street	Webster Street	Main Street	726
Maplewood Avenue	Main Street	Oakland Avenue	1,019
Murray Street	Main Street	Dead End	876
Oakland Avenue	Park Avenue	Dead End	920
Park Avenue	Main Street	249' W of School St.	6,495
Rose Street	Greene Terrace	Springside Avenue	276
Springside Avenue	Main Street	Cul-De-Sac	870
Stanley Street	Prospect Street	Main Street	1,565
Sterling Road	Prospect Street	Main Street	1,718
Vine Street	Adam Street	Prospect Street	442
Webster Street	Woodbridge Avenue	Park Avenue	526
Woodbridge Avenue	Main Street	Dead End	1,206

Attachment C:
Drawings - Soil Erosion and Sedimentation Control Plan Set (Reduced Size)

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PLANS FOR:

TOWN OF EAST HARTFORD 2017 ROADWAY IMPROVEMENT PROJECT

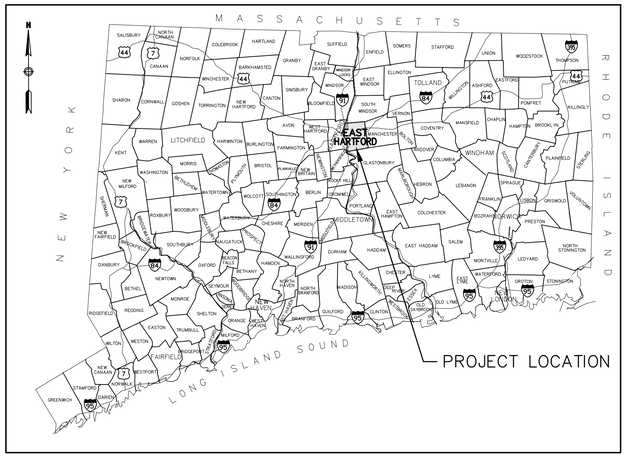
PROJECT AREA:

VARIOUS LOCATIONS

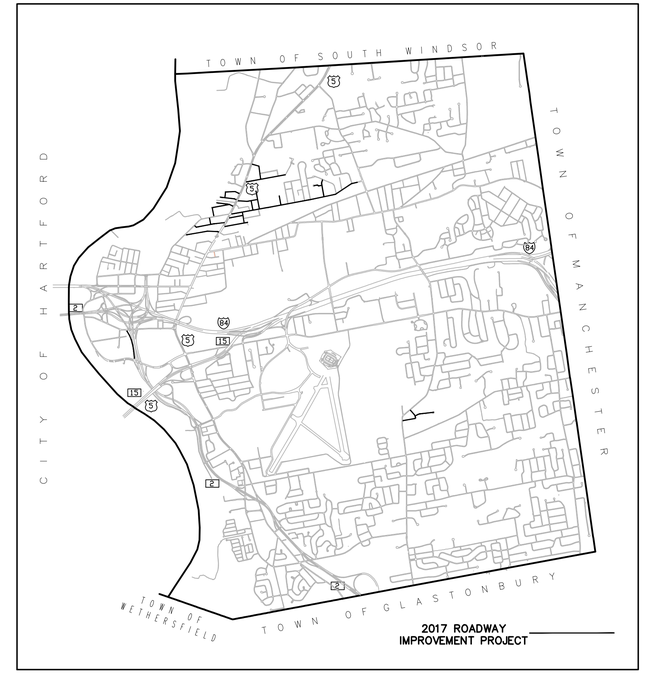
IN THE

TOWN OF EAST HARTFORD, CONNECTICUT

JANUARY 20, 2017



LOCATION MAP



PROJECT ROADWAY MAP

3500 0 3500 7000

APPROX. SCALE IN FEET

LIST OF ROADWAYS (STRUCTURAL IMPROVEMENTS)			
STREET NAME	BEGIN STREET	END STREET	STREET CLASS
ADAMS STREET	VINE STREET	MURRAY STREET	LOCAL
BARBONSEL ROAD	GODAR TERRACE	CUL-DE-SAC	LOCAL
CLAREMONT STREET	PARK AVENUE	MAPLEWOOD AVENUE	LOCAL
DEERFIELD AVENUE	PARK AVENUE	MICHAEL AVENUE	LOCAL
DEERFIELD COURT	CUL-DE-SAC	DEERFIELD AVENUE	LOCAL
EDWARD STREET	STANLEY STREET	PROSPECT STREET	LOCAL
FRANKLIN STREET	PARK AVENUE	DEAD END	LOCAL
GODAR TERRACE	FORBES STREET	FORBES STREET	LOCAL
GREENE TERRACE	ROSE STREET	MAIN STREET	LOCAL
JAYCE STREET	EAST RIVER DRIVE	PITKIN STREET	LOCAL
LINDEN STREET	MAIN STREET	WEBSTER STREET	LOCAL
MAPLEWOOD AVENUE	MAIN STREET	OAKLAND AVENUE	LOCAL
MURRAY STREET	DEAD END	MAIN STREET	LOCAL
OAKLAND AVENUE	PARK AVENUE	DEAD END	LOCAL
PARK AVENUE	MAIN STREET	249' W OF SCHOOL STREET	COLLECTOR
ROSE STREET	SPRINGSIDE AVENUE	GREENE STREET	LOCAL
SPRINGSIDE AVENUE	DEAD END	MAIN STREET	LOCAL
STANLEY ROAD	PROSPECT STREET	MAIN STREET	LOCAL
STERLING ROAD	PROSPECT STREET	MAIN STREET	LOCAL
VINE STREET	PROSPECT STREET	ADAMS STREET	LOCAL
WEBSTER STREET	WOODBRIDGE AVENUE	PARK AVENUE	LOCAL
WOODBRIDGE AVENUE	MAIN STREET	DEAD END	LOCAL

	DWG. NO.	TITLE	SHEET NO.
	TLS-1	TITLE SHEET	XXX
	GNA-1	LEGEND, ABBREVIATIONS, & GENERAL NOTES	XXX
*	EST-01 TO EST-02	DETAILED ESTIMATE SHEETS	XXX-XXX
**	MDS-01 TO MDS-25	MISCELLANEOUS DETAILS	XXX-XXX
	TYP-01 TO TYP-07	TYPICAL SECTIONS	XXX-XXX
*	EXT-01 TO EXT-18	EXISTING CONDITIONS PLANS	XXX-XXX
*	BLP-01 TO BLP-18	BASELINE LAYOUT PLANS	XXX-XXX
*	CTR-01 TO CTR-04	CONTROL POINT TIE PLANS	XXX-XXX
*	TIE-01 TO TIE-06	CURB TIE PLANS	XXX-XXX
	PLN-01	BARBONSEL ROAD - PLAN AND PROFILE	XXX
	PLN-02	CLAREMONT STREET - PLAN AND PROFILE	XXX
	PLN-03	DEERFIELD AVENUE - PLAN AND PROFILE	XXX
	PLN-04	DEERFIELD COURT - PLAN AND PROFILE	XXX
	PLN-05	EDWARD STREET - PLAN AND PROFILE	XXX
	PLN-06	FRANKLIN STREET - PLAN AND PROFILE	XXX
	PLN-07 TO PLN-08	GODAR TERRACE - PLAN AND PROFILE	XXX-XXX
	PLN-09	JAYCE STREET - PLAN	XXX
	PLN-10	LINDEN STREET - PLAN AND PROFILE	XXX
	PLN-11	MAPLEWOOD AVENUE - PLAN AND PROFILE	XXX
	PLN-12	MURRAY STREET - PLAN AND PROFILE	XXX
	PLN-13	OAKLAND AVENUE - PLAN AND PROFILE	XXX
	PLN-14 TO PLN-17	PARK AVENUE - PLAN	XXX-XXX
	PLN-18	ROSE STREET - PLAN AND PROFILE	XXX
	PLN-19	GREENE TERRACE - PLAN AND PROFILE	XXX
	PLN-20	SPRINGSIDE AVENUE - PLAN AND PROFILE	XXX
	PLN-21 TO PLN-22	STANLEY STREET - PLAN AND PROFILE	XXX-XXX
	PLN-23 TO PLN-24	STERLING ROAD - PLAN AND PROFILE	XXX-XXX
	PLN-25	VINE STREET - PLAN AND PROFILE	XXX
	PLN-26	ADAMS STREET - PLAN AND PROFILE	XXX
	PLN-27	WEBSTER STREET - PLAN AND PROFILE	XXX
	PLN-28 TO PLN-29	WOODBRIDGE AVENUE - PLAN AND PROFILE	XXX-XXX
*	GRD-01 TO GRD-12	INTERSECTION GRADING PLANS	XXX-XXX
*	SPM-01 TO SPM-23	SIGN AND PAVEMENT MARKING PLANS	XXX-XXX
*	DCP-01 TO DCP-10	DRAINAGE SYSTEM CLEANING PLAN	XXX-XXX
*	TCS-01 TO TCS-02	TRAFFIC CONTROL SIGNAL PLANS	XXX-XXX
*	CRO-01 TO CRO-XXX	CROSS SECTIONS	XXX-XXX

* SEE VOLUME 2 OF 2 FOR CROSS SECTIONS

** NOT ALL SHEETS INCLUDED IN THIS SUBMISSION

The East Hartford Planning and Zoning Commission certifies that the soil-erosion and sediment-control plan complies with the requirements the Town of East Hartford regulations and the Connecticut Guidelines for Soil Erosion and Sedimentation Control, dated 1985, as amended. The applicant under this plan is responsible for ensuring compliance with the plan. The Town of East Hartford shall not be held liable for improper installation, lack of maintenance or other neglect on behalf of the applicant.

Approval Date: _____

Chairman: _____

DEVELOPED FOR:

TOWN OF EAST HARTFORD
PUBLIC WORKS DEPARTMENT

740 Main Street
East Hartford, CT, 06108

DEVELOPED BY:

vhb

100 Great Meadow Road, Suite 200
Wethersfield, Connecticut 06901
860-807-4300 - FAX 860-372-4570

SOIL EROSION AND SEDIMENT CONTROL PLAN

2016 SPECIFICATIONS, FORM 817 INCLUDING ALL SUPPLEMENTS THERETO GOVERN.

VHB Project No. 42215.00
Various Locations - East Hartford, CT
Issued for: Not Issued for Construction

LEGEND

- CATCH BASIN
- RD • ROOF DRAIN
- DRAIN MANHOLE
- SEWER MANHOLE
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- MANHOLE
- WATER MANHOLE
- GATE BOX (WATER)
- FIRE HYDRANT
- GATE BOX (GAS)
- STREET SIGN
- TEST PIT
- LIGHT POLE
- UTILITY POLE
- UTILITY POLE W/LIGHT
- GUY POLE OR WIRE
- BOLLARD/POST
- 100.0 × SPOT ELEVATION
- MAILBOX
- VAULT
- TRAVERSE POINT
- SHRUBS
- DECIDUOUS TREE
- EVERGREEN TREE
- DRAINAGE EASEMENT
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- EDGE OF TRAVELED WAY
- CURB
- STEEL GUIDE RAIL
- BARBED WIRE FENCE
- CHAIN LINK FENCE
- WOOD FENCE
- UNDERGROUND DRAINAGE LINE
- UNDERGROUND SEWER LINE
- OVERHEAD WIRE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND WATER LINE
- UNDERGROUND TELEPHONE LINE
- TREE LINE
- UNDERDRAIN (UD)
- LIMIT OF WORK
- PROPERTY LINE

ABBREVIATIONS

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

MAINTENANCE & PROTECTION OF TRAFFIC NOTES:

1. THE CONTRACTOR SHALL MAINTAIN LOCAL ACCESS ALONG ALL PROJECT ROADWAYS ON A TRAVEL PATH NOT LESS THAN 12 FEET IN WIDTH. ALTERNATING ONE WAY TRAFFIC SHALL BE ALLOWED ON ROADWAYS WHERE TWO, OPPOSING, 11 FOOT LANES ARE NOT AVAILABLE. AT THE COMPLETION OF THE WORKDAY, THE CONTRACTOR SHALL RESTORE THE ROADWAY TO NORMAL TRAFFIC OPERATIONS.

2. AT THE END OF EACH WORKDAY, THE CONTRACTOR SHALL CONSTRUCT A COMPACTED PROCESSED AGGREGATE RAMP AT THE END OF ANY UNPAVED SECTION, INCLUDING AT ALL DRIVEWAYS AND AT ALL INTERSECTING ROADWAYS. ON MILLED ROADWAYS, THE CONTRACTOR SHALL INSTALL A TEMPORARY BITUMINOUS CONCRETE RAMP. THE COST OF CONSTRUCTING, MAINTAINING, AND REMOVING THESE RAMPS SHALL BE INCLUDED IN THE PRICE BID FOR "MAINTENANCE AND PROTECTION OF TRAFFIC."

3. ADVANCE WARNING SIGNS ("GRAVEL ROAD AHEAD" AND "BUMP") SHALL BE USED AT UNPAVED SECTIONS AS NEEDED TO WARN MOTORISTS OF THE CHANGE IN TRAVEL SURFACE. THE CONTRACTOR SHALL SPRAY PAINT (ORANGE) THE EDGES OF ANY RAISED AND/OR EXPOSED UTILITY STRUCTURES. DRUMS OR CONES SHALL BE PLACED ON ALL RAISED AND/OR EXPOSED UTILITY STRUCTURES WHERE FEASIBLE.

4. FOR ALL ROADWAYS THAT ARE DESIGNATED FOR MILLING, REMOVAL OF ALL HOT MIX ASPHALT, RECONSTRUCTION OR FULL DEPTH PAVEMENT RECLAMATION, THE CONTRACTOR MUST SUBMIT FOR APPROVAL A MAINTENANCE AND PROTECTION OF TRAFFIC PLAN TO THE ENGINEER 30 DAYS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL ALSO SUBMIT FOR APPROVAL DETOUR AND SIGNING PLANS 21 DAYS IN ADVANCE. DETOURS ARE ONLY ALLOWED ON LOCAL ROADWAYS. DETOURS ARE NOT ALLOWED ON COLLECTOR OR ARTERIAL ROADWAYS.

5. THE FOLLOWING RESTRICTIONS, IN ADDITION TO THOSE DETAILED IN THE SPECIFICATIONS, SHALL APPLY:

   THE CONTRACTOR SHALL NOT ALLOW A MILLED ROADWAY SURFACE TO REMAIN IN PLACE FOR GREATER THAN FIFTEEN (15) CALENDAR DAYS PRIOR TO INSTALLING THE FIRST COURSE OF HMA.

   THE CONTRACTOR SHALL NOT ALLOW A ROADWAY THAT HAS BEEN RECLAIMED, RECONSTRUCTED OR HAVE ALL THE HMA REMOVED, REMAIN IN PLACE FOR GREATER THAN TWENTY (20) CALENDAR DAYS PRIOR TO INSTALLING THE FIRST COURSE OF HMA. THE 20-DAY PERIOD STARTS ONCE THE BITUMINOUS CONCRETE ROADWAY SURFACE IS DISTURBED OR RECLAIMED.

   THE CONTRACTOR WILL BE ALLOWED TO CONSTRUCT TWO SECTIONS OF ROADWAY SIMULTANEOUSLY. THE SECTIONS OF ROADWAYS MAY NOT BE ADJACENT TO EACH OTHER OR CLOSE ENOUGH TO CAUSE LOCAL DELAYS IN THE ROADWAYS. ONLY TWO MAJOR WORK AREAS CAN BE CONSTRUCTED SIMULTANEOUSLY. IF THE CONTRACTOR'S PRODUCTION IS INSUFFICIENT TO PAVE THE INTERMEDIATE COURSE ON EITHER SECTION OF RECLAIMED OR RECONSTRUCTED ROADWAY WITHIN THE 20-DAY REQUIREMENT, THE CONTRACTOR WILL BE REQUIRED TO RESUBMIT A REVISED SCHEDULE TO THE TOWN BASED ON A REDUCED AMOUNT OF EXPOSED BASE. THE AMOUNT OF REDUCTION WILL BE BASED ON THE LOWER OF THE TWO CONTRACTOR'S RATE OF PRODUCTIVITY FOR THE PREVIOUS RECLAMATION OR RECONSTRUCTION.

6. THE CONTRACTOR SHALL POST A SIGN AT THE BEGINNING OF CONSTRUCTION ZONE WHICH SHALL READ AS FOLLOWS: "ROAD WORK AHEAD FINES DOUBLED", AND AT THE END OF SUCH ZONE WHICH SHALL READ AS FOLLOWS: "END ROAD WORK".

UNDERGROUND UTILITY NOTES:

1. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 A MINIMUM OF 72-HOURS PRIOR TO ANY EXCAVATION BEING PERFORMED ON SITE.

2. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD AND ARE AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. EXISTING UTILITIES ARE NOT GUARANTEED TO BE EXACTLY LOCATED, NOR IS IT GUARANTEED THAT ALL UNDERGROUND/OVERHEAD UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.

3. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES. THE CONTRACTOR SHALL CONFIRM THAT THERE IS NO INTERFERENCE BETWEEN EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

4. BUILDING SERVICE CONNECTIONS (ELECTRIC, GAS, TELEPHONE, WATER, AND SANITARY) ARE SHOWN WHEREVER POSSIBLE. THE CONTRACTOR IS TO ASSUME THAT SERVICES ARE PRESENT TO ALL BUILDINGS. THE LOCATIONS AND DEPTHS OF ALL BUILDING SERVICE CONNECTIONS ARE TO BE CHECKED WITH THE APPROPRIATE UTILITY COMPANIES.

5. THE UTILITY LOCATIONS AND DEPTHS SHOWN ON THE CROSS SECTIONS AND PROFILES ARE APPROXIMATE REPRESENTATIONS ONLY AND ARE NOT INTENDED TO BE A COMPLETE OR ACCURATE DEPICTION OF THE UNDERGROUND UTILITIES. THE LOCATIONS AND DEPTHS OF THE UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY TEST PITS.

6. PRIOR TO THE START OF CONSTRUCTION, TEST PITS SHOULD BE DUG AS NECESSARY TO DETERMINE THE SIZES, LOCATIONS, AND DEPTHS OF EXISTING UNDERGROUND UTILITIES. ANY CONFLICTS NOTED IN PROPOSED CONSTRUCTION SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR'S FAILURE TO NOTIFY THE ENGINEER PRIOR TO PERFORMING ADDITIONAL WORK RELEASES THE OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.

7. IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE AFFECTED UTILITY, COORDINATE REPAIRS, AND PERFORM THE WORK AS DETAILED BY THE UTILITY AS NEEDED TO RESTORE SERVICE AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL NOT CONTINUE WITH OTHER WORK OPERATIONS UNTIL THE UTILITY SERVICE IS RESTORED.

GENERAL CONSTRUCTION NOTES:

1. UPON THE AWARD OF THE CONTRACT, THE CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS, APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY ALL FEES, AND POST ALL BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. THE CONTRACTOR MUST ALSO APPLY AND OBTAIN AN ENCROACHMENT PERMIT PRIOR TO PERFORMING ANY WORK WITHIN STATE RIGHT-OF-WAY. ALL COSTS ASSOCIATED WITH OBTAINING PERMITS SHALL BE INCLUDED IN THE OVERALL COSTS OF THE PROJECT.

2. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE CONDITIONS OF APPROVAL OUTLINED IN ALL STATE AND LOCAL PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THIS INFORMATION PRIOR TO CONSTRUCTION AND FOR CONFORMING TO THE CONDITIONS AS REQUIRED DURING CONSTRUCTION.

3. HANDICAP-ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS, AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).

4. ACCESS TO RESIDENCES AND BUSINESSES SHALL BE PROVIDED BY THE CONTRACTOR AT ALL TIMES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE TOWN. SPECIAL ATTENTION SHALL BE PAID TO COORDINATING WITH THE POLICE DEPARTMENT, EMERGENCY RESPONSE UNITS, AND TOWN OFFICIALS.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.

6. IN ADDITION TO COMPLIANCE WITH CONSTRUCTION SAFETY REQUIREMENTS, THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES AND PROVIDE ALL NECESSARY SIGNING, WARNING LIGHTS, DRUMS, CONES, AND CONTINUOUS BARRIERS OF SUFFICIENT TYPE, SIZE, AND STRENGTH TO PREVENT ACCESS TO ALL OPEN EXCAVATIONS AT THE COMPLETION OF EACH DAY'S WORK.

7. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING EXISTING HORIZONTAL AND VERTICAL GEOMETRY AND PAVEMENT CROSS SLOPE ON THE MILL-AND-OVERLAY ROADWAYS UNLESS OTHERWISE NOTED.

8. AREAS ALONG AND OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS, INCLUDING ALL LANDSCAPED AREAS, DRIVEWAY CURB RETURNS, RETAINING WALLS, OR SIMILARLY IMPROVED ADJOINING AREAS, SHALL BE PROTECTED AND/OR RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

9. RESETTING OF STONE WALLS, WOOD WALLS, STONE STEPS, SLATE WALKS, AND OTHER SIMILAR ITEMS WITHIN THE LIMITS OF WORK SHALL BE PAID FOR UNDER THE GENERAL COST OF THE WORK.

10. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.

11. THE CONTRACTOR SHALL PROTECT ALL STRUCTURES, EQUIPMENT, PIPING, AND VALVES FROM DAMAGE DURING CONSTRUCTION. ALL DAMAGE SHALL BE REPAIRED TO THE COMPLETE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.

12. THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING U.S. MAIL BOXES OR RESIDENTIAL MAIL BOXES WITHIN THE PROJECT LIMITS MEET THE STANDARDS OF THE UNITED STATES POSTAL SERVICE AFTER CONSTRUCTION IS COMPLETE. THE COST TO RESET OR REPAIR MAIL BOXES SHALL BE COVERED UNDER THE ITEM "RESET MAILBOX".

13. THE CONTRACTOR SHALL BE AWARE THAT SPRINKLER SYSTEMS MAY BE LOCATED WITHIN THE TOWN'S RIGHT OF WAY. THE CONTRACTOR IS REQUIRED TO PROTECT SPRINKLER SYSTEMS WHENEVER POSSIBLE. ANY WORK REQUIRED TO REPAIR OR RESET SPRINKLER SYSTEMS DAMAGED BY THE CONTRACTOR SHALL BE PAID FOR UNDER THE GENERAL COST OF WORK.

14. THE CONTRACTOR SHALL BE AWARE THAT INVISIBLE DOG FENCES MAY BE LOCATED WITH THE TOWN'S RIGHT OF WAY. THE CONTRACTOR IS REQUIRED TO PROTECT INVISIBLE DOG FENCES WHENEVER POSSIBLE. ANY WORK REQUIRED TO REPAIR INVISIBLE DOG FENCES SHALL BE PAID FOR UNDER THE GENERAL COST OF WORK.

15. PAVEMENT MILLING, REMOVAL OF HMA SURFACE, FULL DEPTH RECONSTRUCTION AND FULL DEPTH RECLAIM OPERATIONS SHALL EXTEND TO THE OUTSIDE EDGE OF THE PAVED SURFACE, INCLUDING ANY BITUMINOUS CURBING AND PAVED SURFACE BENEATH THE BITUMINOUS CURB. ALL COSTS TO REMOVE BITUMINOUS CURBING AND TO MILL THE PAVEMENT BENEATH THE CURBING SHALL BE INCLUDED IN THE SQUARE-YARD COST FOR THE TYPE OF MILLING OR HMA REMOVAL ITEMS SPECIFIED.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND APPLYING WATER TO CONTROL DUST ON ALL ROADWAYS WHERE AGGREGATE IS EXPOSED, INCLUDING MILLED ROADWAYS ON WHICH AGGREGATE BASE IS EXPOSED. ALL COSTS FOR PROVIDING WATER FOR DUST CONTROL ON THESE ROADWAYS SHALL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS MILLING AND PAVEMENT REMOVAL ITEMS.

17. UPON COMPLETION OF PAVING, ALL SAWCUT PAVING JOINTS AND CONSTRUCTION JOINTS FORMED IN THE SURFACE COURSES AT INTERSECTING STREETS SHALL BE CLEANED, HEATED, AND SEALED IN ACCORDANCE WITH THE SPECIFICATION FOR 'CLEANING AND SEALING CRACKS.' THIS WORK SHALL BE MEASURED AND PAID FOR AS 'CLEANING AND SEALING CRACKS.'

18. ALL CURB TIES (STATION AND OFFSETS) ARE TO THE FACE OF CURB UNLESS NOTED OTHERWISE. WHERE NEW GRANITE CURBING SHALL BE INSTALLED AND NO CURB TIE INFORMATION IS AVAILABLE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXISTING CURB RADII AND APPLY THE NEW GRANITE CURBING AT THE MEASURED RADII.

19. THE CONTRACTOR SHALL TRANSITION THE BITUMINOUS CONCRETE CURB TO MATCH THE TOP ELEVATION OF ALL TYPE "C" CATCH BASIN TOPS.

20. WHEN PLACING THE BITUMINOUS CONCRETE CURB OVER A TYPE "C-L" TOP, THE CONTRACTOR SHALL ENSURE THAT THE CURBING DOES NOT INTERFERE WITH THE REMOVAL OF THE GRATE.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL STORM, SEWER, WATER, AND GAS UTILITIES UNCOVERED OR DISTURBED DURING CONSTRUCTION OPERATIONS. THE UNCOVERED OR DISTURBED UTILITIES SHALL BE ADJUSTED TO FINISHED GRADE ELEVATIONS. THIS WORK SHALL BE MEASURED AND PAID FOR UNDER THE APPLICABLE RESET ITEM. THE CONTRACTOR SHALL COORDINATE ADJUSTMENT OF ANY ELECTRICAL, TELEPHONE, OR CABLE FACILITIES WITH THE UTILITY OWNER.

22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING CATCH BASIN FRAMES AND GRATES AND FOR PAVING THE ADJOINING ROADWAY TO PROVIDE POSITIVE GRADES TO DRAIN THE SURROUNDING AREA AS DIRECTED BY THE ENGINEER.

23. THE CONTRACTOR IS ADVISED THAT THERE ARE AREAS OF LIMITED COVER ON SOME STORM DRAIN PIPES. THE CONTRACTOR IS CAUTIONED TO TAKE EXTRA CARE WHILE RECLAIMING, EXCAVATING, AND/OR COMPACTING THE ROADWAY. AT THESE LOCATIONS, THE CONTRACTOR SHALL UTILIZE NON-VIBRATORY ROLLERS TO COMPACT AND PREPARE THE SUBGRADE TO SPECIFIED DENSITIES. THE USE OF NON-VIBRATORY ROLLERS SHALL NOT RELEASE THE CONTRACTOR FROM OBTAINING DENSITY REQUIREMENTS. ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED TO THE ENGINEER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.

24. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

25. STOP BARS SHALL BE PLACED IN THE TRAVEL WAY DIRECTLY ADJACENT TO STOP SIGNS.

26. THE CONTRACTOR SHALL PLACE DOUBLE YELLOW LINES AT THE CENTER OF THE ROADWAY UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

27. THE CONTRACTOR SHALL MATCH THE PROPOSED PAVEMENT MARKINGS WITH EXISTING PAVEMENT MARKINGS AT ALL LIMITS OF WORK.

28. THE TOWN WILL BE RESPONSIBLE FOR ESTABLISHING TEMPORARY NO-PARKING AREAS DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION WORK SCHEDULE WITH THE TOWN SO THAT ADVANCE NOTICE CAN BE PROVIDED TO RESIDENCES AND BUSINESSES. THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING AND POSTING THE NECESSARY TEMPORARY NO-PARKING SIGNS. COSTS OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR "MAINTENANCE AND PROTECTION OF TRAFFIC."

29. THE FINAL LOCATION, LENGTHS, AND WIDTHS OF EACH DRIVEWAY MAY BE MODIFIED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

30. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6" TOPSOIL AND TURF ESTABLISHMENT.

31. ALL TYPICAL SECTIONS SHOWN ON CONSTRUCTION PLANS ARE ORIENTED LOOKING FROM THE BEGINNING OF CONSTRUCTION TO THE END OF CONSTRUCTION, UNLESS SPECIFICALLY NOTED OTHERWISE.

32. THE CONTRACTOR IS TO GRADE THE SNOW SHELF FROM THE BACK OF CURB TO THE FACE OF SIDEWALK WITHIN THE PROJECT LIMITS. IN THE CASE WHERE NO SIDEWALK IS PRESENT, THE CONTRACTOR SHALL REGRADE FROM THE BACK OF CURB TO A MINIMUM OF 5' FROM THE BACK OF CURB UNLESS OTHERWISE NOTED IN THE PLANS.

33. THE CONTRACTOR SHALL CLEAR ANY TREE BRANCHES OVERHANGING THE ROADWAY AND SIDEWALK TO PROVIDE A 3 FEET MINIMUM CLEARANCE FROM THE EDGE OF PAVEMENT AND VERTICAL CLEARANCES OF 8 FEET OVER THE SIDEWALK AND 16 FEET OVER THE ROADWAY. ALL CLEARING OF VEGETATION ADJACENT TO THE SIDEWALK AND ROADWAY SHOULD BE TO THE LIMITS SHOWN ON THE PLANS OR AS ORDERED BY THE ENGINEER. THE CONTRACTOR SHALL POST ALL TREES REQUIRING TRIMMING FOR A PERIOD OF TEN (10) CALENDAR DAYS AND A NOTICE IS TO BE LEFT AT EACH AFFECTED PROPERTY. THE COST OF CLEARING AND TRIMMING SHALL BE COVERED UNDER THE ITEM "SELECTIVE CLEARING AND THINNING".

34. THE CONTRACTOR IS ADVISED THAT ADDITIONAL "NOTES" WILL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH "NOTES," WHILE PERTAINING TO THE SPECIFIC DRAWINGS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.

35. THE INLAND WETLANDS INFORMATION SHOWN ON THE PLANS WAS OBTAINED FROM THE TOWN OF EAST HARTFORD.

36. TRACKED VEHICLES AND OTHER EQUIPMENT ARE NOT ALLOWED ON BITUMINOUS CONCRETE OR OTHER PAVED ROADWAY SURFACES.

37. REMOVAL OF CONCRETE CURBING AND GRANITE CURBING SHALL BE PAID FOR UNDER THE ITEM "EARTH EXCAVATION".

38. THE CONTRACTOR SHALL PROTECT LANDSCAPED AREAS WITHIN THE LIMITS OF WORK WHERE POSSIBLE. LANDSCAPED AREAS THAT ARE DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED. THE COST TO RESTORE LANDSCAPED AREAS SHALL BE INCLUDED IN THE GENERAL COST OF WORK.

39. THE CONTRACTOR SHALL ENSURE THAT THE GAP UNDER EACH DRIVEWAY GATE IS OF EQUAL HEIGHT BEFORE AND AFTER DRIVEWAY RECONSTRUCTION. THE COST TO RESET THE DRIVEWAY GATES SHALL BE INCLUDED UNDER THE ITEM "RESET CHAIN LINK FENCE".

DRAINAGE NOTES:

1. THE CONTRACTOR SHALL FIELD-VERIFY THE LOCATION, SIZE, INVERTS, AND TYPES OF EXISTING PIPES AT ALL PROPOSED POINTS OF CONNECTION PRIOR TO ORDERING MATERIALS. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR. THE INFORMATION SHALL BE FURNISHED IN WRITING TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.

2. ADJUST RIM ELEVATIONS OF MANHOLES, WATER GATES, GAS GATES AND ALL OTHER UTILITIES TO FINISHED GRADE WITHIN LIMITS OF WORK.

3. THE PROPOSED RIM ELEVATIONS FOR CATCH BASINS HAVE BEEN MEASURED AT THE PROPOSED FACE OF CURB (GUTTER LINE) FOR TYPE "C" CATCH BASINS AND AT THE CENTER OF THE GRATE FOR TYPE "C-L" CATCH BASINS. ALL PROPOSED RIM ELEVATIONS ACCOUNT FOR THE DEPRESSION SPECIFIED IN THE MISCELLANEOUS DETAILS WITH RESPECT TO PROPOSED ROADWAY GRADES AND CROSS SLOPES.

4. WHEN INSTALLING A NEW PIPE THAT REQUIRES A CONNECTION TO AN EXISTING PIPE, THE NEW PIPE CONNECTION SHALL BE MADE AT THE JOINT OF THE EXISTING PIPE NEAREST TO THE PROPOSED PIPE.

5. WHEN INSTALLING A NEW CATCH BASIN THAT REQUIRES A CONNECTION TO AN EXISTING PIPE, THE SECTION OF THE EXISTING PIPE DISTURBED BY CONSTRUCTION SHALL BE REPLACED WITH NEW PIPE OF SIMILAR SIZE AND TYPE EXTENDING FROM THE CATCH BASIN TO THE NEAREST JOINT OF EXISTING PIPE OR AS DIRECTED BY THE ENGINEER.

6. ALL CATCH BASIN GRATES ARE TO BE TYPE "A."

7. ALL PROPOSED TYPE 'C' CATCH BASIN TOPS SHALL BE 'PARK TYPE' CURB TOPS ON ALL STREETS WITH BITUMINOUS CURBING OR BERM. ON STREETS WHERE THE CURBING IS GRANITE OR STONE, THE TYPE 'C' CATCH BASIN TOPS SHALL BE 'CONCRETE OR STONE CURBING FOR TYPE 'C' CB'. ALL TYPE 'C' CATCH BASIN TOPS INSTALLED ON THIS PROJECT SHALL HAVE A METAL PLAQUE WITH THE WORDS 'DRAINS TO WATERWAY' CAST INTO THE TOP OF THE SPECIFIED CONCRETE CATCH BASIN TOP. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING TOPS.

8. THE CONTRACTOR SHALL SET CATCH BASIN FRAME AND GRATES TO PROVIDE POSITIVE DRAINAGE INTO THE STRUCTURE. THE CONTRACTOR IS ADVISED THAT THE CATCH BASIN FRAME ELEVATIONS PROVIDED ON THE PLANS INCLUDE ANY ADDITIONAL DEPRESSION REQUIRED PER THE CATCH BASIN DETAILS.

9. THE CONTRACTOR SHALL CLEAN ALL EXISTING PIPES, MANHOLES AND CATCH BASINS SHOWN ON THE PLANS PRIOR TO CONSTRUCTION AND REVIEW CONDITIONS TO DETERMINE IF ANY STORM DRAINAGE PIPES REQUIRE REPAIR. THE CONTRACTOR SHALL EXPOSE ALL BURIED MANHOLES TO ALLOW ACCESS FOR INSPECTION AND CLEANING. THE EXPOSED MANHOLE SHALL BE LEFT IN A SAFE CONDITION. THE ENTIRE DRAINAGE SYSTEM SHALL BE LEFT IN A CLEAN AND OPERABLE CONDITION AT THE COMPLETION OF THE WORK.

SURVEY NOTES:

1. THE PROPERTY LINES SHOWN ON THIS PLAN ARE APPROXIMATE LINES BASED ON MAPPING PROVIDED BY THE TOWN OF EAST HARTFORD. VHB HAS NOT PERFORMED A FIELD SURVEY TO VERIFY THE PROPERTY LINES.

2. THE EXISTING CONDITIONS SHOWN FOR ADAM STREET, CLAREMONT STREET, DEERFIELD AVENUE, DEERFIELD COURT, EDWARD STREET, FRANKLIN STREET, GREENE TERRACE, LINDEN STREET, MAPLEWOOD AVENUE, MCKEE STREET, MURRAY STREET, OAKLAND AVENUE, REMIINGTON ROAD, ROSE STREET, SPRINGSIDE AVENUE, STANLEY STREET, STERLING ROAD, VINE STREET, WEBSTER STREET, WOODBRIDGE AVENUE ARE BASED UPON AN ACTUAL ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY VHB BETWEEN AUGUST 2016 AND SEPTEMBER 2016. THE HORIZONTAL AND VERTICAL VALUES FOR THESE ROADWAYS ARE BASED ON CTNAD 1983 AND NAVD88 DATUMS.

3. THE EXISTING CONDITIONS FOR PARK AVENUE AND JAYCE STREET ARE BASED UPON RECORD MAPPING FROM THE TOWN OF EAST HARTFORD AND SUPPLEMENTED WITH LIMITED FIELD MEASUREMENTS PERFORMED BY VHB.

4. THE CONTRACTOR SHALL HAVE A CONNECTICUT REGISTERED LAND SURVEYOR AVAILABLE TO RESET ANY MONUMENTS DISTURBED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. A SURVEY SHALL BE PROVIDED BY THE CONTRACTOR TO ENSURE THE MONUMENTATION HAS BEEN RESET TO ITS ORIGINAL LOCATION.

5. THE CONTRACTOR IS ADVISED THAT SOME CONTROL POINTS SHOWN ON THE PLANS MAY BE LOCATED ON THE EXISTING PAVEMENT SURFACE OR WITHIN THE CONSTRUCTION LIMITS. THE CONTRACTOR IS RESPONSIBLE FOR REESTABLISHING THOSE CONTROL POINTS AFTER CONSTRUCTION IS COMPLETED ON THAT STREET.

EROSION AND SEDIMENTATION CONTROL NOTES:

1. THE CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF-SITE AREAS AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO THE OWNER.

2. THE CONTRACTOR SHALL INSTALL 'SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN' AT CATCH BASINS PRIOR TO THE BEGINNING OF WORK AT LOCATIONS INDICATED ON THE PLANS, AS REQUIRED, OR AS ORDERED BY THE ENGINEER.

3. THE CONTRACTOR MUST INSPECT AND MAINTAIN EROSION CONTROL MEASURES AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE SPECIFICATIONS.

4. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.

5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND SHALL CLEAN SEDIMENT AND DEBRIS FROM THE ENTIRE STORM DRAINAGE SYSTEM.

6. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.

7. THE CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.

8. PRIOR TO STARTING ANY WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE EAST HARTFORD WETLAND AGENT AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS. ADDITIONAL EROSION CONTROLS MAY BE REQUIRED AS DIRECTED BY THE WETLAND AGENT.

9. THE TOWN HAS INCORPORATED A 'GENERAL PERMIT FOR STORMWATER DISCHARGE' (GPSD) WITHIN THE CONTRACT DOCUMENTS IN ORDER TO INSURE COMPLIANCE WITH THE CONDITIONS OF THE GPSD. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL APPLICABLE CONDITIONS OF THE GPSD.

REV.	DATE	DESCRIPTION	SHEET. NO.

REVISIONS

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: ----

vhb — Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT — INCORPORATED 1783 — CARPE DIEM

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: GNA-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

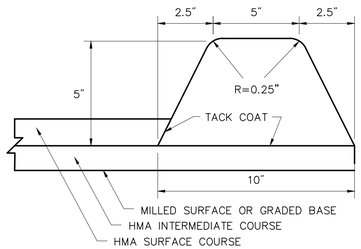
DRAWING TITLE: LEGEND, ABBREVIATIONS & GENERAL NOTES

PROJECT NO.: 42215.00

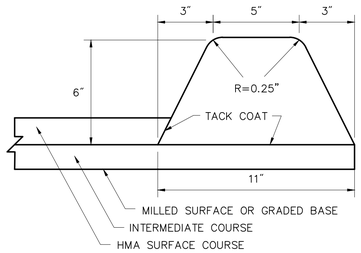
DRAWING NO.: GNA-01

SHEET NO.: XX OF XX

Jan 21, 2017



5" BIT CONCRETE LIP CURB



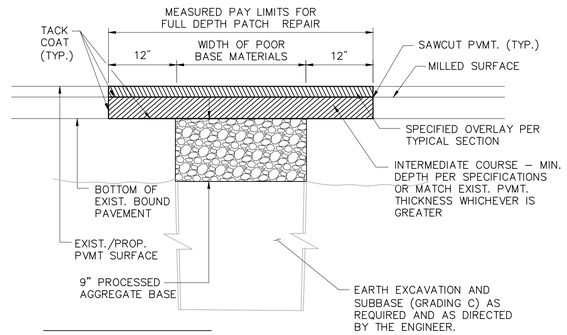
6" BIT CONCRETE LIP CURB

DETAIL NOTES:

1. BITUMINOUS CONCRETE CURB SHALL BE CONSTRUCTED ON THE INTERMEDIATE COURSE EXCEPT WHERE INDICATED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

BITUMINOUS CONCRETE LIP CURBING – 5" & 6"

N.T.S.

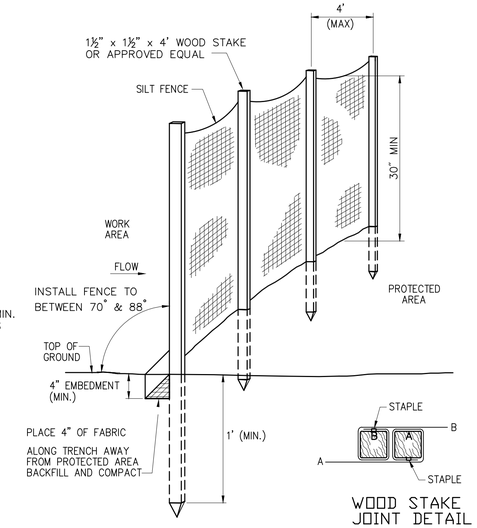


DETAIL NOTES:

1. ALL COSTS TO SAWCUT, EXCAVATE, AND TACK COAT AS NECESSARY TO INSTALL THE 9" PROCESSED AGGREGATE BASE AND REQUIRED MINIMUM DEPTH OF HMA COMPLETE IN PLACE SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF FULL–DEPTH PATCH OF THE TYPE SPECIFIED.
2. INSTALLATION OF INTERMEDIATE COURSE OF HMA MATERIAL (3" MAX LIFT) TO THE MINIMUM DEPTH SPECIFIED IN TABLE 1 OF THE SPECIFICATIONS OR AS REQUIRED TO MATCH EXISTING THICKNESS (WHICHEVER IS GREATER), SHALL BE INCLUDED IN THE UNIT COST FOR FULL–DEPTH PATCH OF THE TYPE SPECIFIED.
3. THE INSTALLATION OF THE TOP COURSE(S) SPECIFIED IN THE ROADWAY TYPICAL SECTION SHALL NOT BE INCLUDED IN THE PATCH COSTS, BUT SHALL BE MEASURED AND PAID FOR PER TON OF THE SPECIFIED MIX PLACED.

FULL–DEPTH PATCH REPAIR DETAIL

N.T.S.

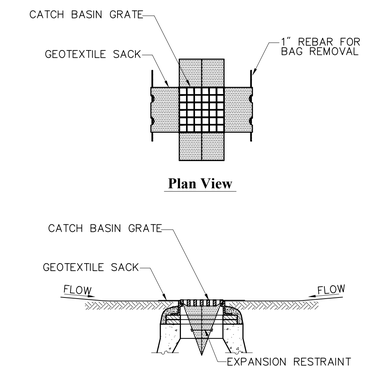


DETAIL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN OR REPLACE THE SEDIMENTATION CONTROL SYSTEM THROUGHOUT THE CONSTRUCTION DURATION AND UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.
2. THE CONTRACTOR SHALL INSPECT THE SYSTEM ONCE A WEEK AND WITHIN 12 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER.
3. THE CONTRACTOR SHALL CLEANOUT ACCUMULATED SEDIMENT WHEN ONE HALF OF THE ORIGINAL HEIGHT OF THE SYSTEM IS FILLED WITH SEDIMENT, OR AS ORDERED BY THE ENGINEER.
4. FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL CLEAN ALL DRAINAGE FACILITIES OF ANY ACCUMULATED SEDIMENT AND TRANSPORT SEDIMENT OFF SITE.
5. ALL COSTS ASSOCIATED WITH INSTALLING, MAINTAINING AND THE REMOVAL OF SILT FENCE SHALL BE INCLUDED IN THE CONTRACT UNIT COST PER LINEAR FOOT FOR "SEDIMENTATION CONTROL SYSTEM."

SEDIMENTATION CONTROL SYSTEM

N.T.S.

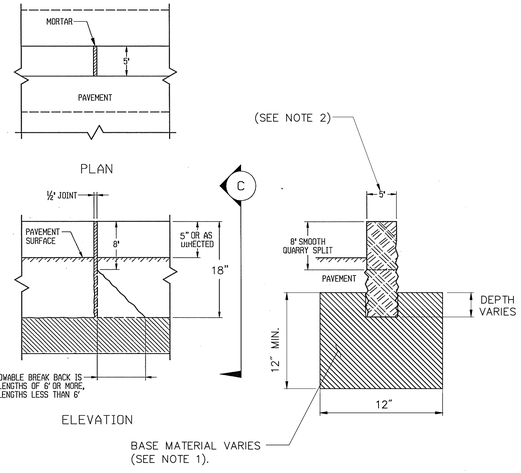


DETAIL NOTES:

1. INSTALL GEOTEXTILE SACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER BEFORE COMMENCING WORK.
2. GRATE TO BE PLACED OVER GEOTEXTILE SACK.
3. GEOTEXTILE SACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED.
4. ALL COSTS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND REMOVAL OF THE GEOTEXTILE SACK, INCLUDING THE DISPOSAL OF COLLECTED MATERIALS, SHALL BE INCLUDED IN THE CONTRACT UNIT COST PER EACH "SEDIMENT CONTROL SYSTEM AT CATCH BASIN."

SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN DETAIL

N.T.S.

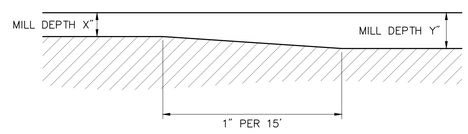


DETAIL NOTES:

1. THE BASE MATERIAL FOR GRANITE CURBING SHALL BE TO THE DIMENSIONS SHOWN. CURVED AND STRAIGHT GRANITE CURBING UTILIZED FOR SIDEWALK RAMPS SHALL BE SET INTO CLASS "C" CONCRETE, AND ALL OTHER STRAIGHT LENGTHS OF GRANITE CURBING SHALL HAVE A BASE OF PROCESSED AGGREGATE.
2. IN AREAS WHERE GRANITE CURB EXISTS, THE THICKNESS OF THE NEW GRANITE CURB SHALL MATCH THAT OF THE EXISTING GRANITE CURB.

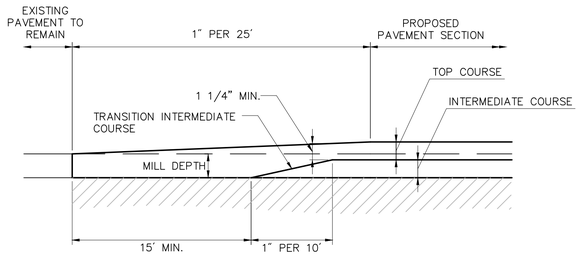
GRANITE CURB DETAIL

N.T.S.



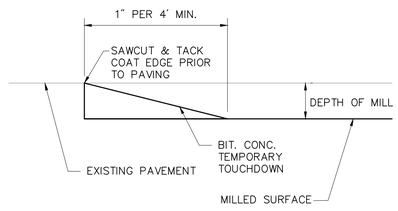
MILL TRANSITION DETAIL

N.T.S.



OVERLAY TERMINATION DETAIL

N.T.S.

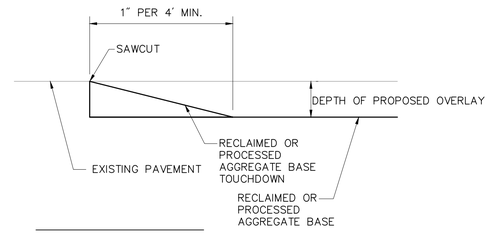


DETAIL NOTES:

1. TEMPORARY TOUCHDOWN SHALL BE BITUMINOUS CONCRETE AND MUST BE REMOVED PRIOR TO CONSTRUCTION OF THE HMA OVERLAY. COSTS ASSOCIATED WITH THE CONSTRUCTION AND REMOVAL OF THE TEMPORARY TOUCHDOWN ARE INCLUDED IN THE VARIOUS PAVING ITEMS.
2. THE CONTRACTOR SHALL INSTALL THE BITUMINOUS CONCRETE TEMPORARY TOUCHDOWNS ON THE DAY THE PAVEMENT IS MILLED AND SHALL REMAIN IN PLACE UNTIL THE DAY THE OVERLAYS ARE INSTALLED.

BITUMINOUS CONCRETE TEMPORARY TOUCHDOWN

N.T.S.



DETAIL NOTES:

1. TEMPORARY TOUCHDOWN SHALL BE RECLAIMED OR PROCESSED AGGREGATE BASE. COSTS ASSOCIATED WITH THE CONSTRUCTION AND REMOVAL OF THE TEMPORARY TOUCHDOWN ARE INCLUDED IN THE VARIOUS PAVING ITEMS.
2. THE CONTRACTOR SHALL INSTALL THE RECLAIMED OR PROCESSED AGGREGATE BASE TOUCHDOWN ON THE DAY THE BASE IS EXPOSED AND SHALL REMAIN IN PLACE UNTIL THE DAY THE OVERLAYS ARE INSTALLED.

RECLAIMED OR PROCESSED AGGREGATE BASE TEMPORARY TOUCHDOWN

N.T.S.

The East Hartford Planning and Zoning Commission certifies that the soil–erosion and sediment–control plan complies with the requirements the Town of East Hartford regulations and the Connecticut Guidelines for Soil Erosion and Sedimentation Control, dated 1985, as amended. The applicant under this plan is responsible for ensuring compliance with the plan. The Town of East Hartford shall not be held liable for improper installation, lack of maintenance or other neglect on behalf of the applicant.

Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

NOT TO SCALE
N.T.S.

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: ----

vhb
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

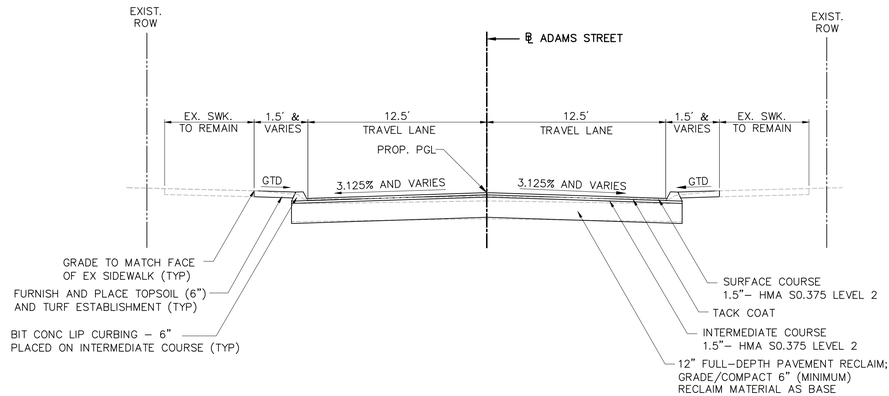
CADD FILENAME: MDS-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: MISCELLANEOUS DETAILS

PROJECT NO.: 42215.00
DRAWING NO.: MDS-03
SHEET NO.: XX OF XX

Jan 26, 2017

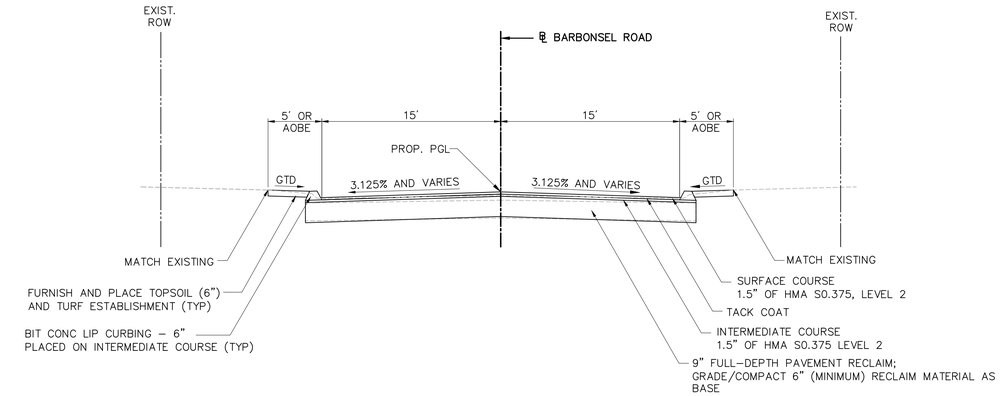


ADAMS STREET

STA. 904+50 TO STA. 912+87.10
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 12" DEPTH
2. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MIN.) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF S0.375, SUPERPAVE LEVEL 2 SURFACE COURSE

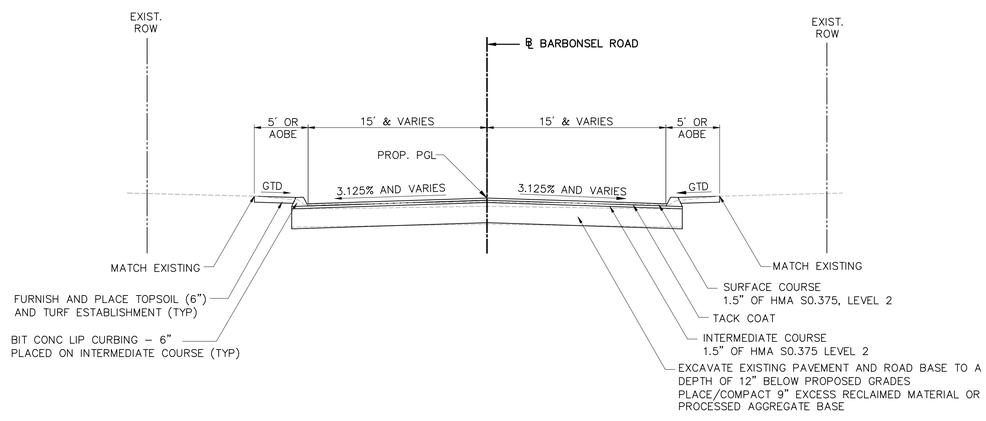


BARBONSEL ROAD

STA. 10+14.48 TO STA. 15+25.00
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT AND BASE TO A 9" DEPTH
2. SUPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE

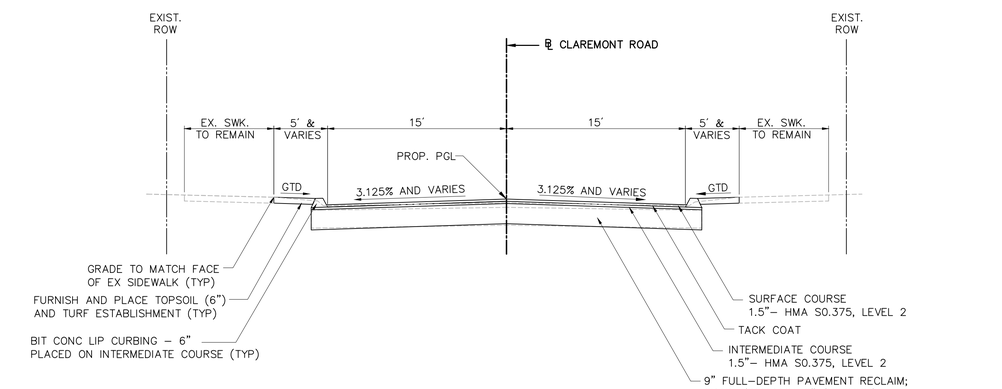


BARBONSEL ROAD

STA. 15+25.00 TO STA. 19+48.85
NOT TO SCALE

NOTES/PROCESS:

1. EXCAVATE TO A 12" DEPTH BELOW PROPOSED GRADES THE UNSUITABLE BASE MATERIAL
2. PREPARE THE SUBGRADE TO PROPER LINES PRIOR TO PLACING 9" OF EXCESS RECLAIMED MATERIAL, OR PROCESSED AGGREGATE BASE
3. COMPACT THE BASE MATERIALS TO PROPER LINES AND GRADES (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE



CLAREMONT STREET

STA. 10+22.97 TO STA. 14+59.26
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 9" DEPTH
2. SUPPLEMENT AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2 SURFACE COURSE

TYPICAL SECTION NOTES:

1. 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:
   A. ONE (1) DAY HAS PASSED SINCE THE HMA WAS PLACED;
   B. DUST OR DEBRIS HAS CONTAMINATED THE HMA SURFACE.
2. ALONG PROJECT ROADWAYS WHERE MILLING OPERATIONS ARE SPECIFIED, THE CONTRACTOR SHALL SEAL ALL MAJOR CRACKS AND COMPLETE LOCALIZED PARTIAL–DEPTH AND FULL–DEPTH PATCHES AS DIRECTED BY THE ENGINEER AFTER MILLING OPERATIONS AND PRIOR TO PLACING THE FIRST HMA OVERLAY.
3. FOR PROPOSED PROFILE GRADE LINE (PGL) AND ADDITIONAL EDGE–OF–PAVEMENT DETAILS, SEE ROADWAY PROFILE, CROSS SLOPE, AND EDGE–OF–PAVEMENT INFORMATION ON THE CONSTRUCTION PLANS AND THE INTERSECTION GRADING PLANS FOR ROADWAYS TO BE RECLAIMED.
4. THE CONTRACTOR IS ADVISED THAT EXISTING PAVEMENT CORE AND PAVEMENT TEST PIT DATA ARE AVAILABLE FOR DOWNLOAD FROM VHB'S EXTRANET WEBSITE.
5. THE PROPOSED PAVEMENT SECTION SHALL APPLY TO THE PROJECT LIMITS SHOWN ON THE PLANS INCLUDING ALL INTERSECTING STREETS FOR WHICH NO TYPICAL SECTION HAS BEEN PROVIDED.
6. WHERE HANDLING IS NOT SPECIFICALLY CALLED OUT ON THE ROADWAY, IT IS ASSUMED THAT 15% OF THE ROAD WILL REQUIRE HANDLING. THIS QUANTITY IS REFLECTED IN THE DETAILED ESTIMATE SHEET.

The East Hartford Planning and Zoning Commission certifies that the soil–erosion and sediment–control plan complies with the requirements the Town of East Hartford regulations and the Connecticut Guidelines for Soil Erosion and Sedimentation Control, dated 1985, as amended. The applicant under this plan is responsible for ensuring compliance with the plan. The Town of East Hartford shall not be held liable for improper installation, lack of maintenance or other neglect on behalf of the applicant.

Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
1	4–29–16	BRENTMOOR UNDERDRAINS LOCATIONS HAVE BEEN UPDATED	29

REVISIONS

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb — Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

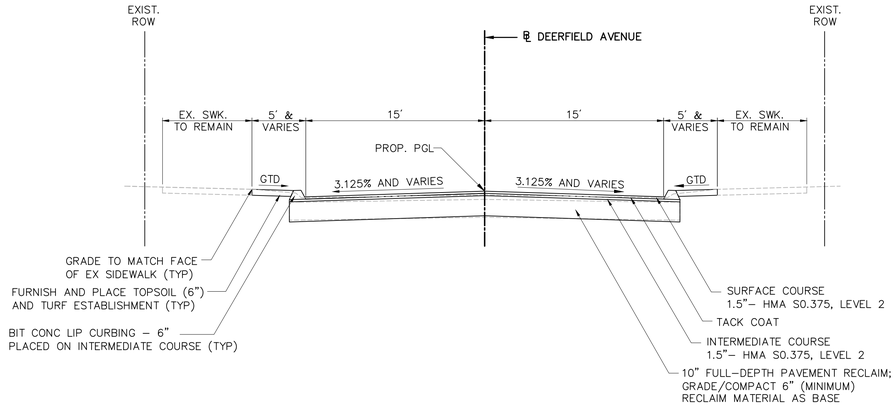
CADD FILENAME: TYP-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: TYPICAL SECTIONS

PROJECT NO.: 42215.00
DRAWING NO.: TYP–01
SHEET NO.: XX OF XX

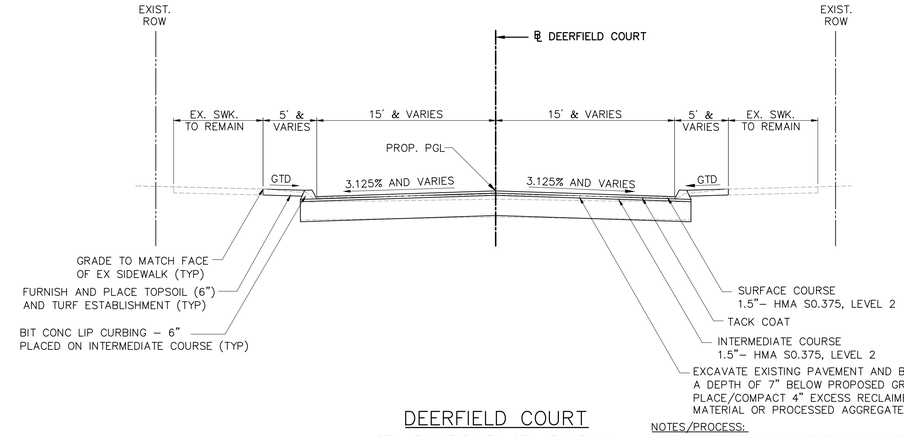
Jan 26, 2017



DEERFIELD AVENUE

STA. 20+42.13 TO STA. 28+52.97
NOT TO SCALE

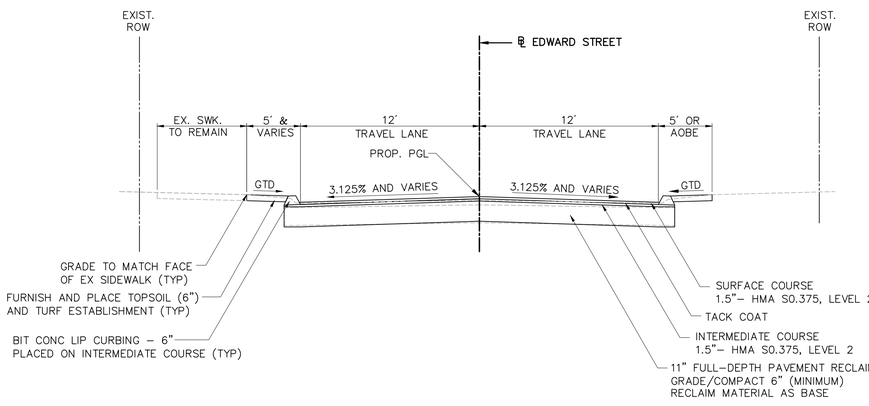
NOTES/PROCESS:
1. RECLAIM EXISTING PAVEMENT TO A 10" DEPTH
2. SUPPLEMENT AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2 SURFACE COURSE



DEERFIELD COURT

STA. 30+17.36 TO STA. 34+50.00
NOT TO SCALE

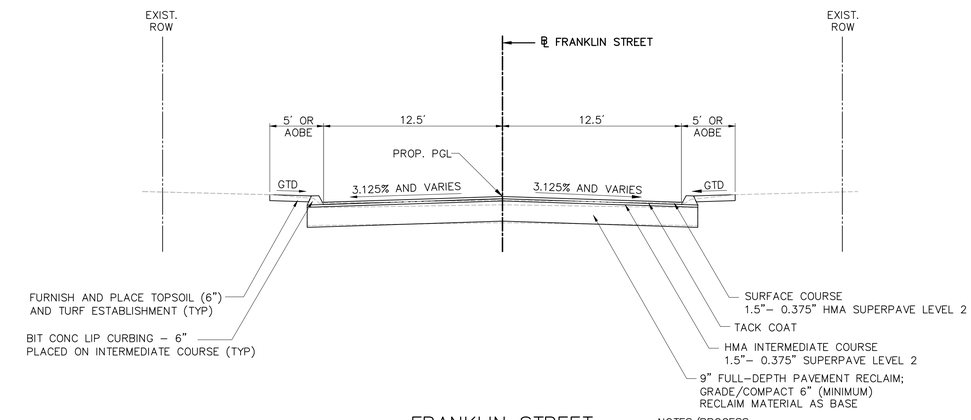
NOTES/PROCESS:
1. EXCAVATE EXISTING PAVEMENT AND BASE TO A 7" DEPTH BELOW PROPOSED GRADES
2. PREPARE THE SUBGRADE TO PROPER LINES PRIOR TO PLACING 4" OF EXCESS RECLAIMED MATERIAL OBTAINED FROM OTHER STREETS, OR PROCESSED AGGREGATE BASE
3. COMPACT THE BASE MATERIALS TO PROPER LINES AND GRADES (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2 SURFACE COURSE



EDWARD STREET

STA. 40+12.00 TO STA. 42+95.31
NOT TO SCALE

NOTES/PROCESS:
1. RECLAIM EXISTING PAVEMENT TO A 11" DEPTH
2. HANDLE THE RECLAIMED MATERIAL, EXCAVATE AS REQUIRED AND DIRECTED BY ENGINEER
3. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE



FRANKLIN STREET

STA. 50+31.20 TO STA. 54+53.77
NOT TO SCALE

NOTES/PROCESS:
1. RECLAIM EXISTING PAVEMENT TO A 9" DEPTH
2. HANDLE RECLAIMED MATERIAL AND EXCAVATE AS REQUIRED AND AS DIRECTED BY THE ENGINEER
3. SUPPLEMENT, AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE

TYPICAL SECTION NOTES:

1. 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:
   A. ONE (1) DAY HAS PASSED SINCE THE HMA WAS PLACED;
   B. DUST OR DEBRIS HAS CONTAMINATED THE HMA SURFACE.
2. ALONG PROJECT ROADWAYS WHERE MILLING OPERATIONS ARE SPECIFIED, THE CONTRACTOR SHALL SEAL ALL MAJOR CRACKS AND COMPLETE LOCALIZED PARTIAL–DEPTH AND FULL–DEPTH PATCHES AS DIRECTED BY THE ENGINEER AFTER MILLING OPERATIONS AND PRIOR TO PLACING THE FIRST HMA OVERLAY.
3. FOR PROPOSED PROFILE GRADE LINE (PGL) AND ADDITIONAL EDGE–OF–PAVEMENT DETAILS, SEE ROADWAY PROFILE, CROSS SLOPE, AND EDGE–OF–PAVEMENT INFORMATION ON THE CONSTRUCTION PLANS AND THE INTERSECTION GRADING PLANS FOR ROADWAYS TO BE RECLAIMED.
4. THE CONTRACTOR IS ADVISED THAT EXISTING PAVEMENT CORE AND PAVEMENT TEST PIT DATA ARE AVAILABLE FOR DOWNLOAD FROM VHB'S EXTRANET WEBSITE.
5. THE PROPOSED PAVEMENT SECTION SHALL APPLY TO THE PROJECT LIMITS SHOWN ON THE PLANS INCLUDING ALL INTERSECTING STREETS FOR WHICH NO TYPICAL SECTION HAS BEEN PROVIDED.
6. WHERE HANDLING IS NOT SPECIFICALLY CALLED OUT ON THE ROADWAY, IT IS ASSUMED THAT 15% OF THE ROAD WILL REQUIRE HANDLING. THIS QUANTITY IS REFLECTED IN THE DETAILED ESTIMATE SHEET.

The East Hartford Planning and Zoning Commission certifies that the soil–erosion and sediment–control plan complies with the requirements the Town of East Hartford regulations and the Connecticut Guidelines for Soil Erosion and Sedimentation Control, dated 1985, as amended. The applicant under this plan is responsible for ensuring compliance with the plan. The Town of East Hartford shall not be held liable for improper installation, lack of maintenance or other neglect on behalf of the applicant.

Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT INCORPORATED 1845

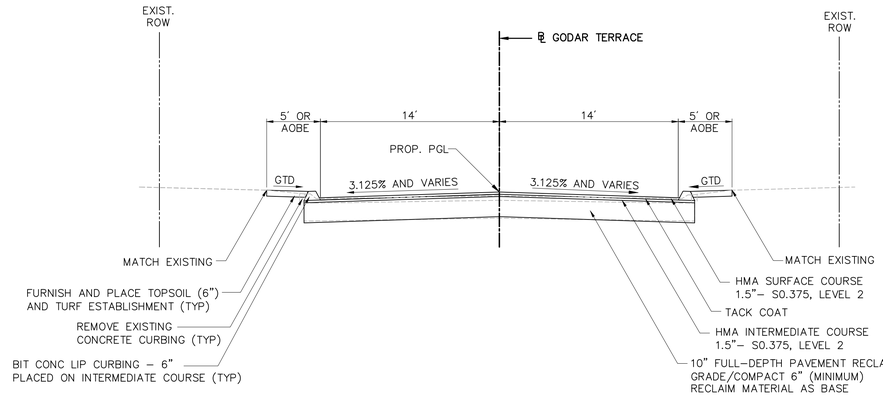
PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: TYP–4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: TYPICAL SECTIONS

PROJECT NO.: 42215.00
DRAWING NO.: TYP–02
SHEET NO.: XX OF XX

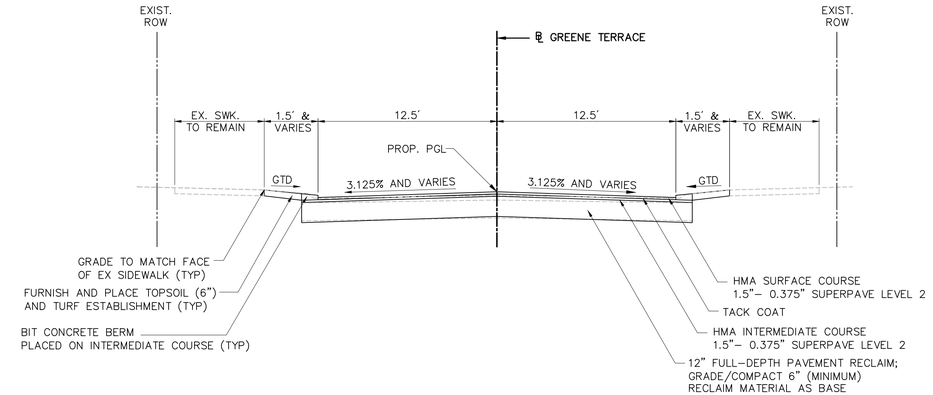


GODAR TERRACE

STA. 700+31.29 TO STA. 711+29.37
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 10" DEPTH
2. HANDLE RECLAIMED MATERIAL AND EXCAVATE AS REQUIRED AND AS DIRECTED BY THE ENGINEER FROM STA. 700+50 TO STA. 702+00; AND STA. 709+00 TO STA. 710+50
3. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE

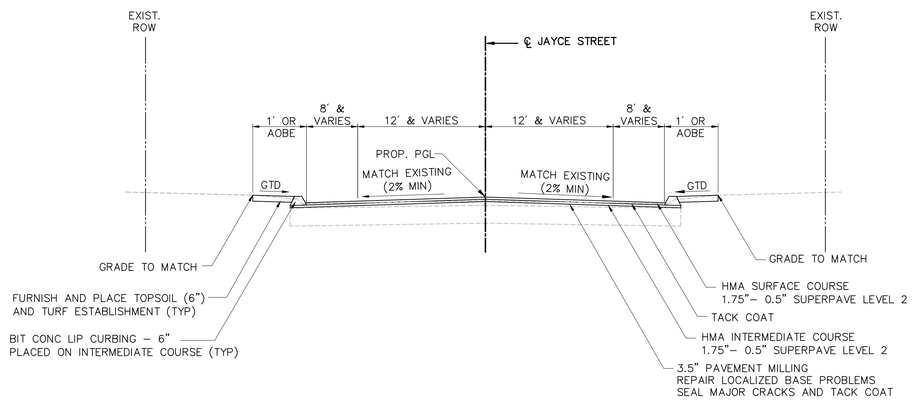


GREENE TERRACE

STA. 502+75.00 TO STA. 509+74.08
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 12" DEPTH
2. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE. (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF 0.375" SUPERPAVE LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF 0.375" SUPERPAVE LEVEL 2 SURFACE COURSE

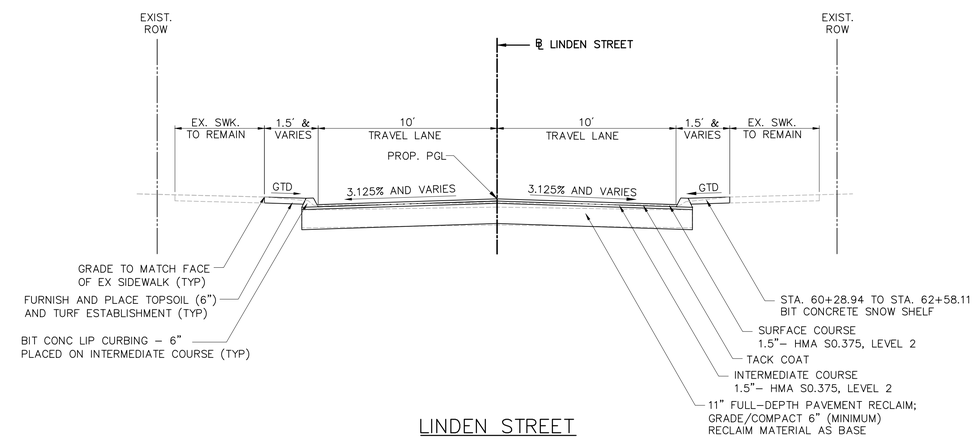


JAYCE STREET

EAST RIVER DRIVE TO PITKIN STREET
NOT TO SCALE

NOTES/PROCESS:

1. MILL EXISTING HMA TO 3.5" DEPTH
2. REPAIR LOCALIZED BASE PROBLEMS, SEAL MAJOR CRACKS AND TACK COAT
3. INSTALL 1.75" OF 0.5" SUPERPAVE LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.75" OF 0.5" SUPERPAVE LEVEL 2 SURFACE COURSE



LINDEN STREET

STA. 60+18.23 TO STA. 66+98.00
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 11" DEPTH
2. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE

TYPICAL SECTION NOTES:

1. 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:
   A. ONE (1) DAY HAS PASSED SINCE THE HMA WAS PLACED;
   B. DUST OR DEBRIS HAS CONTAMINATED THE HMA SURFACE.
2. ALONG PROJECT ROADWAYS WHERE MILLING OPERATIONS ARE SPECIFIED, THE CONTRACTOR SHALL SEAL ALL MAJOR CRACKS AND COMPLETE LOCALIZED PARTIAL–DEPTH AND FULL–DEPTH PATCHES AS DIRECTED BY THE ENGINEER AFTER MILLING OPERATIONS AND PRIOR TO PLACING THE FIRST HMA OVERLAY.
3. FOR PROPOSED PROFILE GRADE LINE (PGL) AND ADDITIONAL EDGE–OF–PAVEMENT DETAILS, SEE ROADWAY PROFILE, CROSS SLOPE, AND EDGE–OF–PAVEMENT INFORMATION ON THE CONSTRUCTION PLANS AND THE INTERSECTION GRADING PLANS FOR ROADWAYS TO BE RECLAIMED.
4. THE CONTRACTOR IS ADVISED THAT EXISTING PAVEMENT CORE AND PAVEMENT TEST PIT DATA ARE AVAILABLE FOR DOWNLOAD FROM VHB'S EXTRANET WEBSITE.
5. THE PROPOSED PAVEMENT SECTION SHALL APPLY TO THE PROJECT LIMITS SHOWN ON THE PLANS INCLUDING ALL INTERSECTING STREETS FOR WHICH NO TYPICAL SECTION HAS BEEN PROVIDED.
6. WHERE HANDLING IS NOT SPECIFICALLY CALLED OUT ON THE ROADWAY, IT IS ASSUMED THAT 15% OF THE ROAD WILL REQUIRE HANDLING. THIS QUANTITY IS REFLECTED IN THE DETAILED ESTIMATE SHEET.

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb — Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: TYP-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

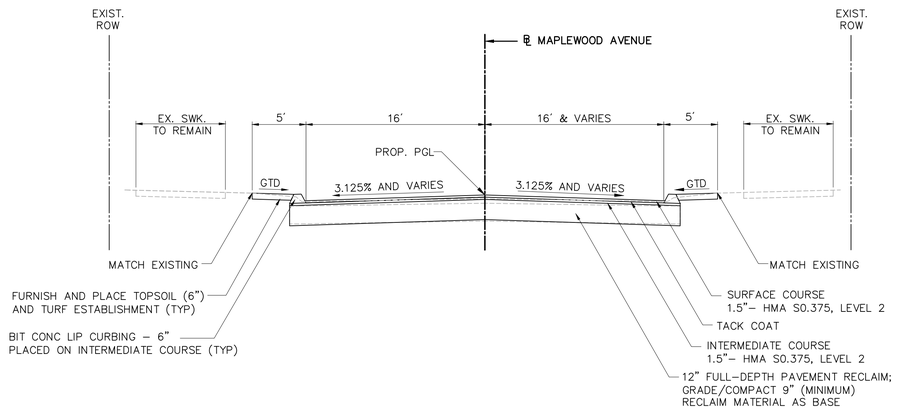
DRAWING TITLE: TYPICAL SECTIONS

PROJECT NO.: 42215.00

DRAWING NO.: TYP-03

SHEET NO.: XX OF XX

Jan 26, 2017



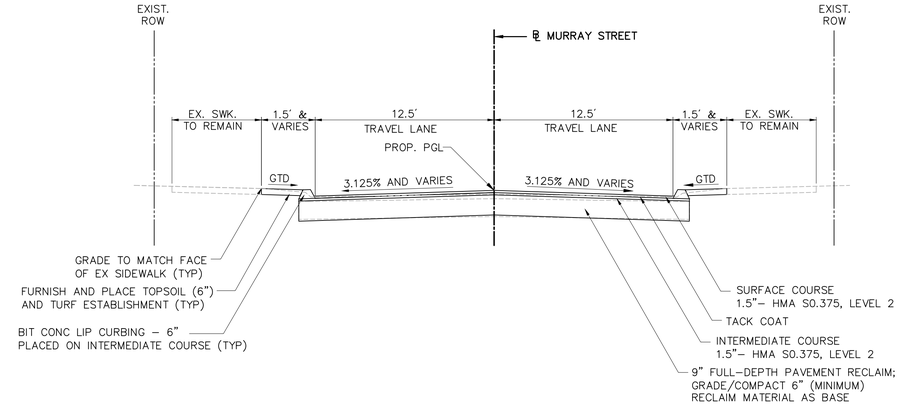
MAPLEWOOD AVENUE

STA. 70+16.67 TO STA. 79+85.00

NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 12" DEPTH
2. HANDLE RECLAIMED MATERIAL AND EXCAVATE AS REQUIRED OR AS DIRECTED BY THE ENGINEER
3. SUPPLEMENT AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 9" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE



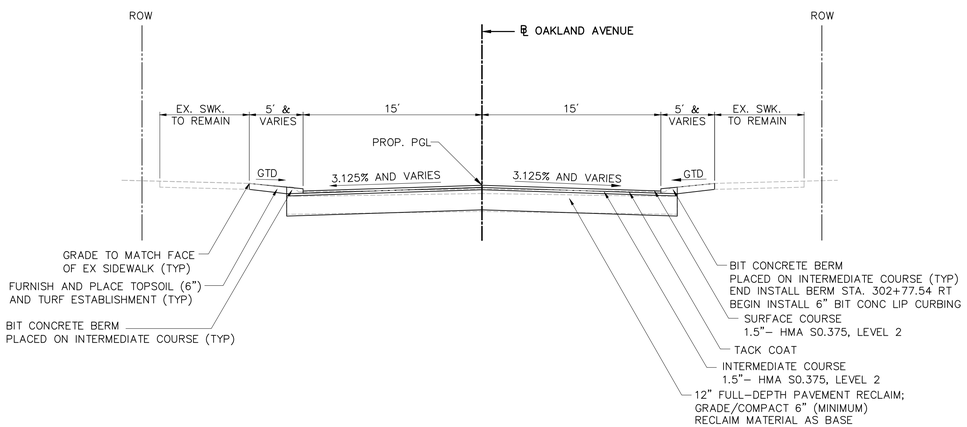
MURRAY STREET

STA. 200+37.29 TO STA. 208+66.66

NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 9" DEPTH
2. HANDLE RECLAIM MATERIAL AND EXCAVATE AS REQUIRED AND AS DIRECTED BY THE ENGINEER BETWEEN STA. 200+25.00 TO 203+50.00 TO STA. 207+50.00 TO 208+25.00
3. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2 SURFACE COURSE



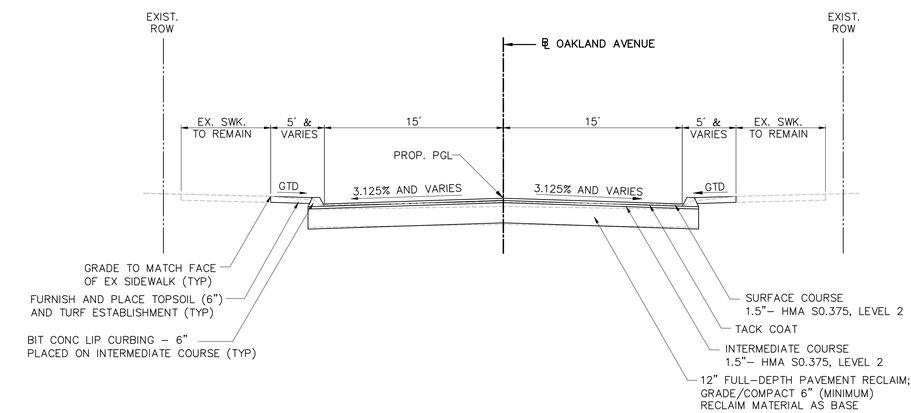
OAKLAND AVENUE

STA. 300+22.79 TO STA. 303+20.35

NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 12" DEPTH
2. HANDLE RECLAIMED MATERIAL, EXCAVATE, SUPPLEMENT AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE



OAKLAND AVENUE

STA. 303+20.35 TO STA. 309+20.13

NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 12" DEPTH
2. HANDLE RECLAIMED MATERIAL, EXCAVATE, SUPPLEMENT AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE

TYPICAL SECTION NOTES:

1. 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:
   A. ONE (1) DAY HAS PASSED SINCE THE HMA WAS PLACED;
   B. DUST OR DEBRIS HAS CONTAMINATED THE HMA SURFACE.
2. ALONG PROJECT ROADWAYS WHERE MILLING OPERATIONS ARE SPECIFIED, THE CONTRACTOR SHALL SEAL ALL MAJOR CRACKS AND COMPLETE LOCALIZED PARTIAL–DEPTH AND FULL–DEPTH PATCHES AS DIRECTED BY THE ENGINEER AFTER MILLING OPERATIONS AND PRIOR TO PLACING THE FIRST HMA OVERLAY.
3. FOR PROPOSED PROFILE GRADE LINE (PGL) AND ADDITIONAL EDGE–OF–PAVEMENT DETAILS, SEE ROADWAY PROFILE, CROSS SLOPE, AND EDGE–OF–PAVEMENT INFORMATION ON THE CONSTRUCTION PLANS AND THE INTERSECTION GRADING PLANS FOR ROADWAYS TO BE RECLAIMED.
4. THE CONTRACTOR IS ADVISED THAT EXISTING PAVEMENT CORE AND PAVEMENT TEST PIT DATA ARE AVAILABLE FOR DOWNLOAD FROM VHB'S EXTRANET WEBSITE.
5. THE PROPOSED PAVEMENT SECTION SHALL APPLY TO THE PROJECT LIMITS SHOWN ON THE PLANS INCLUDING ALL INTERSECTING STREETS FOR WHICH NO TYPICAL SECTION HAS BEEN PROVIDED.
6. WHERE HANDLING IS NOT SPECIFICALLY CALLED OUT ON THE ROADWAY, IT IS ASSUMED THAT 15% OF THE ROAD WILL REQUIRE HANDLING. THIS QUANTITY IS REFLECTED IN THE DETAILED ESTIMATE SHEET.

The East Hartford Planning and Zoning Commission certifies that the soil–erosion and sediment–control plan complies with the requirements the Town of East Hartford regulations and the Connecticut Guidelines for Soil Erosion and Sedimentation Control, dated 1985, as amended. The applicant under this plan is responsible for ensuring compliance with the plan. The Town of East Hartford shall not be held liable for improper installation, lack of maintenance or other neglect on behalf of the applicant.

Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: TYP-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

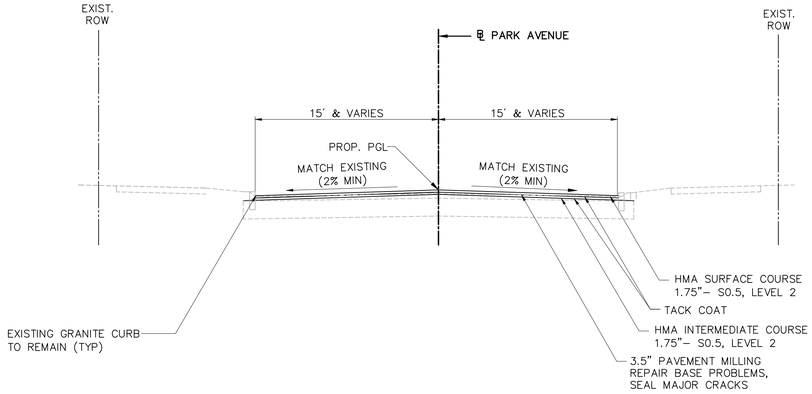
DRAWING TITLE: TYPICAL SECTIONS

PROJECT NO.: 42215.00

DRAWING NO.: TYP-04

SHEET NO.: XX OF XX

Jan 26, 2017

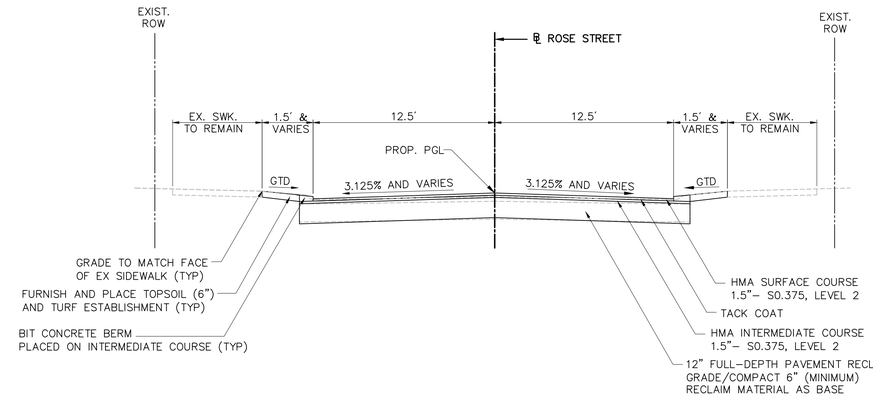


PARK AVENUE

MAIN STREET TO 220' W OF SCHOOL STREET
NOT TO SCALE

NOTES/PROCESS:

1. MILL EXISTING PAVEMENT TO A DEPTH OF 3.5"
2. REPAIR ALL LOCALIZED BASE PROBLEMS AND SEAL MAJOR CRACKS
3. INSTALL 3.5" OF HMA S0.5, LEVEL 2 IN TWO EQUAL LIFTS, WITH A TACK COAT IN BETWEEN
4. THE CONTRACTOR SHALL PROVIDE PROPER GRADE CONTROL TO MAINTAIN EXISTING CROSS SLOPE TRANSITION FROM NORMAL CROWN TO RAILROAD RUBBER SURFACE CROSSING
5. EXISTING PAVEMENT THICKNESS AT THE GRADE CROSSING OUTSIDE THE ROADWAY LIMITS VARIES

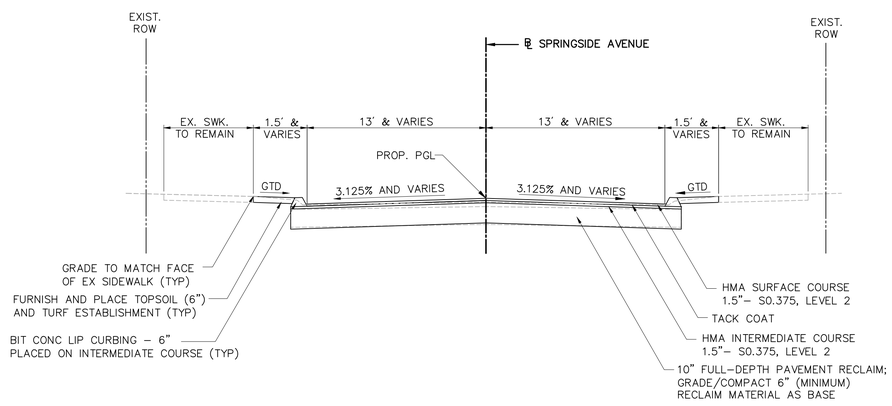


ROSE STREET

STA. 500+13.00 TO STA. 502+75.00
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 12" DEPTH
2. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2 SURFACE COURSE

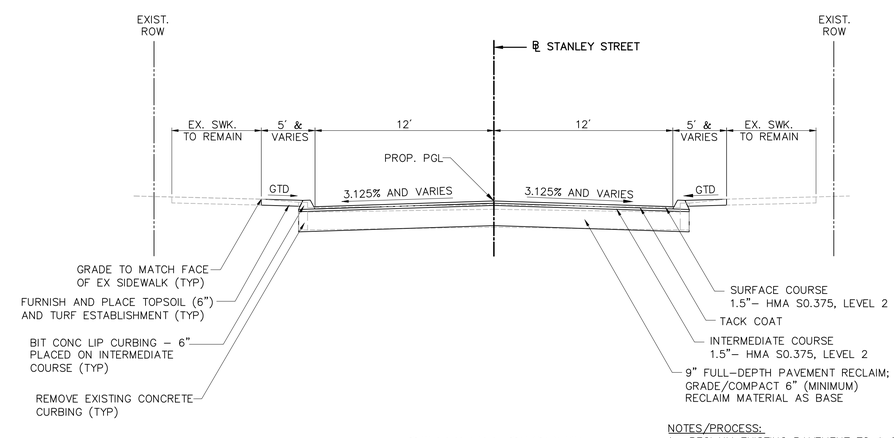


SPRINGSIDE AVENUE

STA. 600+25.00 TO STA. 608+52.54
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 10" DEPTH
2. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2 SURFACE COURSE



STANLEY STREET

STA. 700+33.20 TO STA. 715+30.61
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 9" DEPTH
2. HANDLE RECLAIM MATERIAL AND EXCAVATE AS REQUIRED AND AS DIRECTED BY THE ENGINEER BETWEEN STA. 700+42.20 TO 701+75.00; STA. 703+25.00 TO 708+00.00; STA. 713+25.00 TO 714+25.00.
3. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE

TYPICAL SECTION NOTES:

1. 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:
   A. ONE (1) DAY HAS PASSED SINCE THE HMA WAS PLACED;
   B. DUST OR DEBRIS HAS CONTAMINATED THE HMA SURFACE.
2. ALONG PROJECT ROADWAYS WHERE MILLING OPERATIONS ARE SPECIFIED, THE CONTRACTOR SHALL SEAL ALL MAJOR CRACKS AND COMPLETE LOCALIZED PARTIAL–DEPTH AND FULL–DEPTH PATCHES AS DIRECTED BY THE ENGINEER AFTER MILLING OPERATIONS AND PRIOR TO PLACING THE FIRST HMA OVERLAY.
3. FOR PROPOSED PROFILE GRADE LINE (PGL) AND ADDITIONAL EDGE–OF–PAVEMENT DETAILS, SEE ROADWAY PROFILE, CROSS SLOPE, AND EDGE–OF–PAVEMENT INFORMATION ON THE CONSTRUCTION PLANS AND THE INTERSECTION GRADING PLANS FOR ROADWAYS TO BE RECLAIMED.
4. THE CONTRACTOR IS ADVISED THAT EXISTING PAVEMENT CORE AND PAVEMENT TEST PIT DATA ARE AVAILABLE FOR DOWNLOAD FROM VHB'S EXTRANET WEBSITE.
5. THE PROPOSED PAVEMENT SECTION SHALL APPLY TO THE PROJECT LIMITS SHOWN ON THE PLANS INCLUDING ALL INTERSECTING STREETS FOR WHICH NO TYPICAL SECTION HAS BEEN PROVIDED.
6. WHERE HANDLING IS NOT SPECIFICALLY CALLED OUT ON THE ROADWAY, IT IS ASSUMED THAT 15% OF THE ROAD WILL REQUIRE HANDLING. THIS QUANTITY IS REFLECTED IN THE DETAILED ESTIMATE SHEET.

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: TYP-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

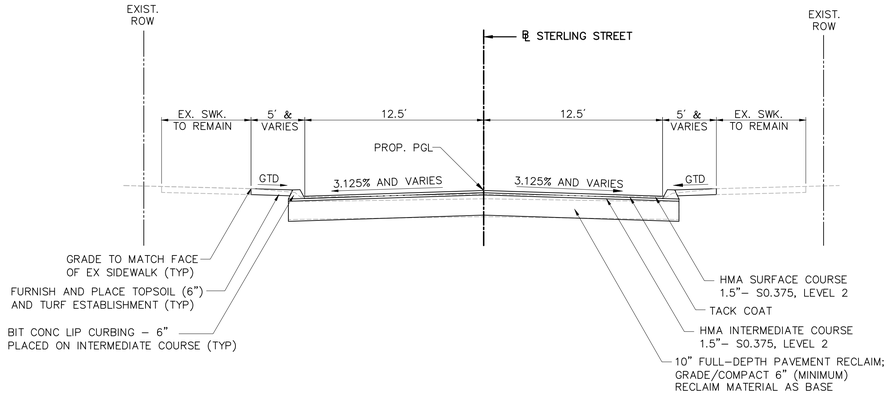
DRAWING TITLE: TYPICAL SECTIONS

PROJECT NO.: 42215.00

DRAWING NO.: TYP-05

SHEET NO.: XX OF XX

Jan 26, 2017

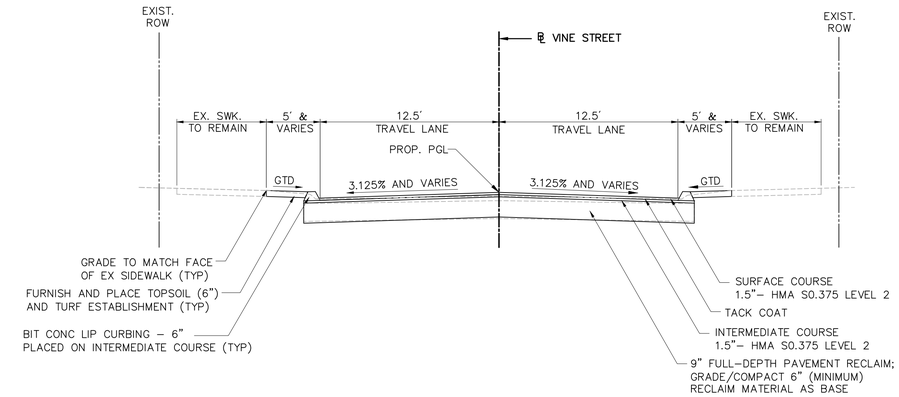


STERLING STREET

STA. 801+03.45 TO STA. 817+15.28
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 10" DEPTH
2. HANDLE RECLAIM MATERIAL AND EXCAVATE AS REQUIRED AND AS DIRECTED BY THE ENGINEER BETWEEN STA. 804+75 TO 806+25.00
3. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
5. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2

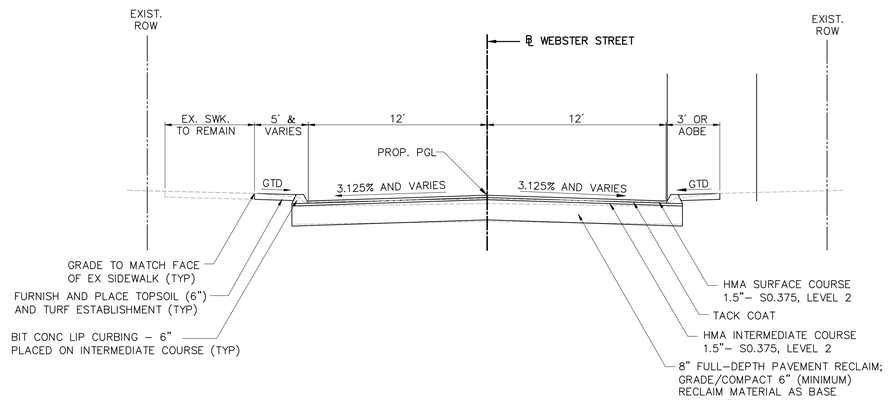


VINE STREET

STA. 900+35.21 TO STA. 904+50
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 9" DEPTH
2. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MIN.) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
4. TACK COAT AND INSTALL 1.5" OF S0.375, SUPERPAVE LEVEL 2 SURFACE COURSE



WEBSTER STREET

STA. 1000+15.02 TO STA. 1004+98.29
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 8" DEPTH
2. HANDLE ENTIRE ROADWAY AND EXCAVATE AS REQUIRED AND AS DIRECTED BY THE ENGINEER.
3. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
4. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
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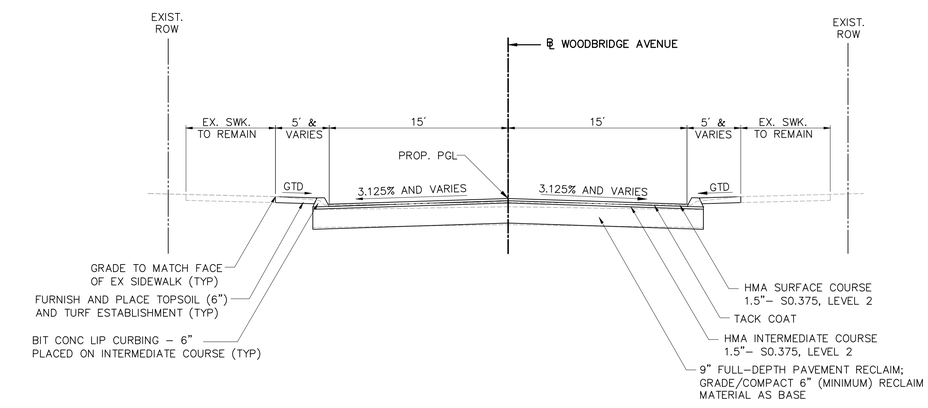

WOODBRIDGE AVENUE

STA. 2006+00.00 TO STA. 2011+96.96
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 9" DEPTH
2. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
3. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
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TYPICAL SECTION NOTES:

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   B. DUST OR DEBRIS HAS CONTAMINATED THE HMA SURFACE.
2. ALONG PROJECT ROADWAYS WHERE MILLING OPERATIONS ARE SPECIFIED, THE CONTRACTOR SHALL SEAL ALL MAJOR CRACKS AND COMPLETE LOCALIZED PARTIAL-DEPTH AND FULL-DEPTH PATCHES AS DIRECTED BY THE ENGINEER AFTER MILLING OPERATIONS AND PRIOR TO PLACING THE FIRST HMA OVERLAY.
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4. THE CONTRACTOR IS ADVISED THAT EXISTING PAVEMENT CORE AND PAVEMENT TEST PIT DATA ARE AVAILABLE FOR DOWNLOAD FROM VHB'S EXTRANET WEBSITE.
5. THE PROPOSED PAVEMENT SECTION SHALL APPLY TO THE PROJECT LIMITS SHOWN ON THE PLANS INCLUDING ALL INTERSECTING STREETS FOR WHICH NO TYPICAL SECTION HAS BEEN PROVIDED.
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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb — Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

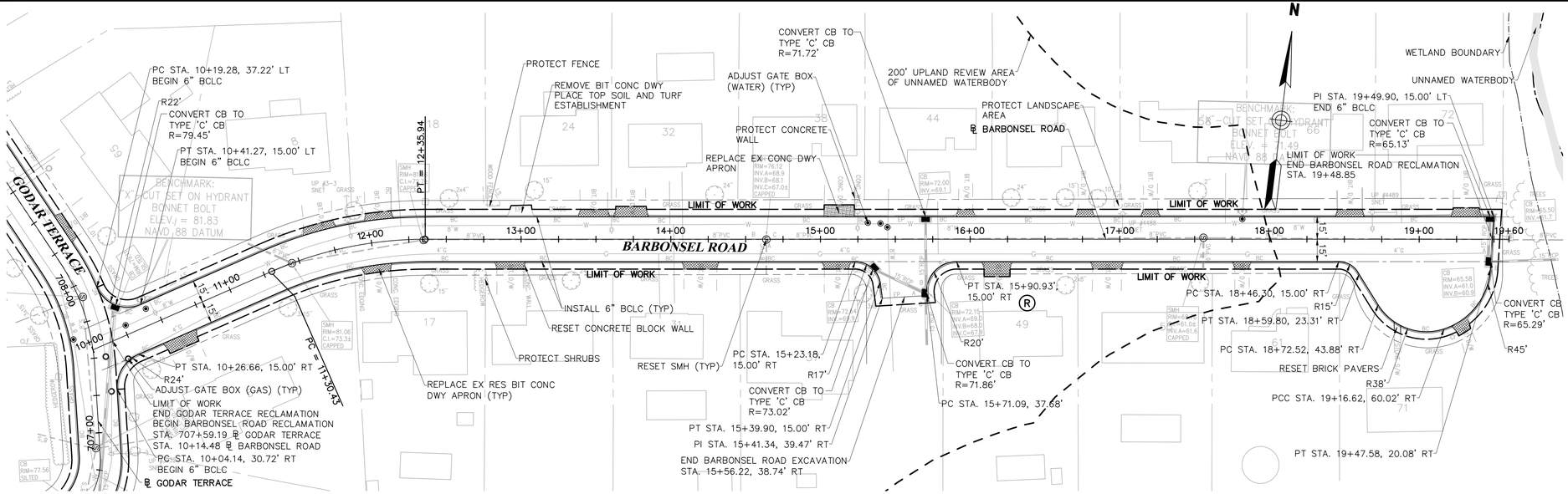
CADD FILENAME: TYP-4221500.DWG

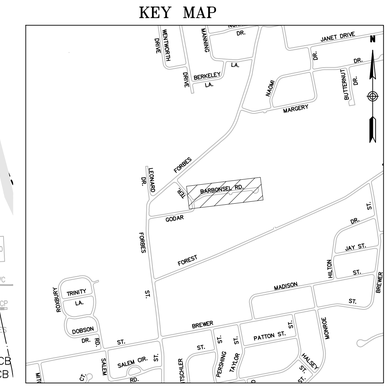
TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: TYPICAL SECTIONS

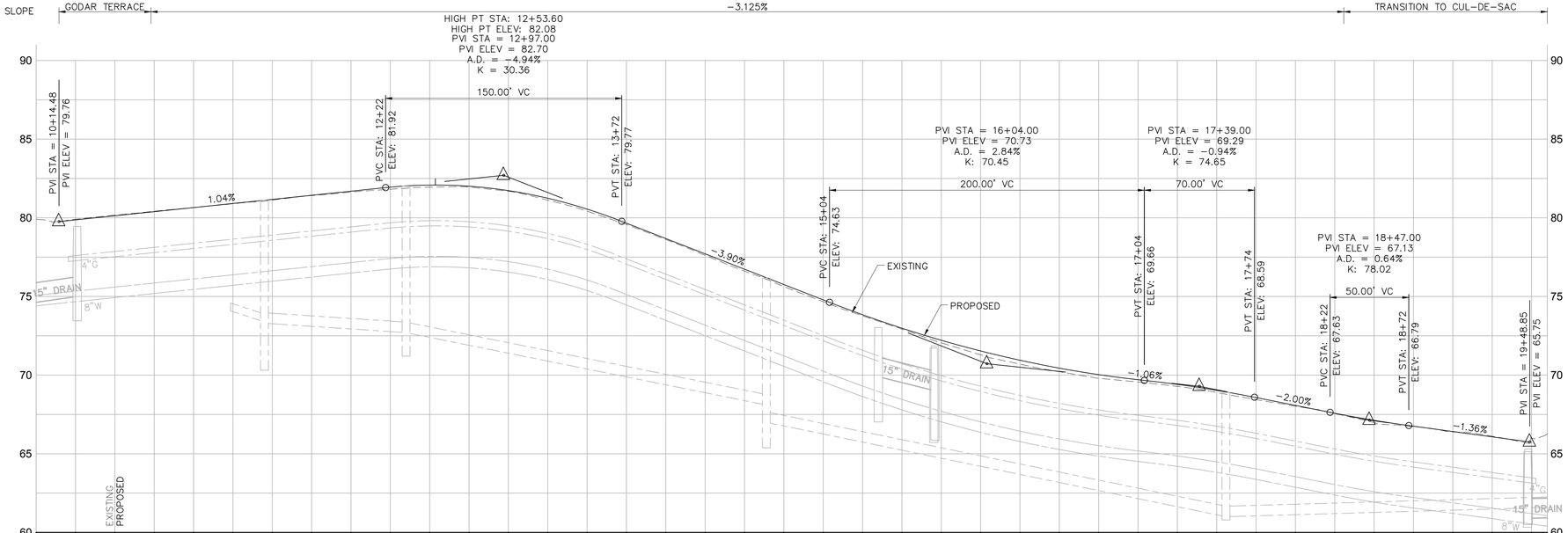
PROJECT NO.: 42215.00
DRAWING NO.: TYP-06
SHEET NO.: XX OF XX

Jan 26, 2017





LEFT CROSS SLOPE	TRANSITION TO GODAR TERRACE — −3.125% — TRANSITION TO CUL-DE-SAC
RIGHT CROSS SLOPE	TRANSITION TO GODAR TERRACE — −3.125% — TRANSITION TO CUL-DE-SAC



	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+60
	79.9	80.2	80.4	80.7	80.9	81.1	81.4	81.6	81.8	81.9	82.0	81.7	81.1	80.4	79.6	78.6	77.6	76.6	75.6	74.7
	79.87	80.13	80.39	80.65	80.91	81.17	81.43	81.69	81.95	82.08	82.01	81.73	81.24	80.55	79.66	78.68	77.71	76.73	75.76	74.78
	73.8	72.9	72.0	71.3	70.7	70.2	69.8	69.6	69.3	68.9	68.4	68.0	67.6	67.0	66.7	66.4	66.1	65.8	65.5	65.3
	73.84	72.98	72.21	71.54	70.95	70.44	70.03	69.71	69.41	69.03	68.57	68.07	67.57	67.12	66.75	66.41	66.07			
PROPOSED LT EOP			79.92	80.18	80.44	80.70	80.96	81.22	81.48	81.61	81.54	81.26	80.78	80.09	79.19	78.22	77.24	76.26	75.29	74.31
	73.37	72.51	71.74	71.07	70.48	69.98	69.56	69.24	68.94	68.57	68.11	67.61	67.11							
PROPOSED RT EOP			79.92	80.18	80.44	80.70	80.96	81.22	81.48	81.61	81.54	81.26	80.78	80.09	79.19	78.22	77.24	76.26	75.29	74.31
	73.37	72.52	71.74	71.07	70.48	69.98	69.56	69.24	68.94	68.57	68.11	67.61	67.11							

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
- REPLACE EX COMM BIT CONC DWY APRON
- REPLACE EX CONC DWY APRON
- (R) RIGHT OF ENTRY TO BE ACQUIRED (BY TOWN)

NOTES:

1. THE CONTRACTOR SHALL COORDINATE AND EXCAVATE TEST PITS AT THE ANTICIPATED UTILITY CROSSING LOCATIONS WITH THE PROPOSED DRAINAGE STRUCTURES AND PIPES PRIOR TO CONSTRUCTING THE DRAINAGE IMPROVEMENTS AS REQUIRED AND AS APPROVED BY THE ENGINEER. MEASUREMENTS TO THE SERVICES AND MAINS SHALL BE TAKEN AND PROVIDED TO THE ENGINEER TO DETERMINE ANY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY UTILITY ADJUSTMENTS NECESSARY WITH THE UTILITY COMPANIES AND THE ENGINEER BEFORE COMMENCING WITH DRAINAGE IMPROVEMENTS.
2. THE CONTRACTOR SHALL REPLACE ANY CURBING ALONG DRIVEWAY APRONS AND DRIVEWAYS DISTURBED OR REMOVED DURING CONSTRUCTION WITH EQUIVALENT CURBING AS APPROVED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE DRIVEWAY RAMP WORK AND SHALL NOT BE MEASURED FOR PAYMENT.
3. FOR THE SPECIFIED DRIVEWAYS:

   SEE SPECIAL PROVISIONS FOR DRIVEWAY RECONSTRUCTION TABLES.
4. THE LIMIT OF WORK CALLOUT AT INTERSECTION ROADWAYS REPRESENTS THE PAY LIMIT FOR EACH ROADWAY.
5. THE CONTRACTOR SHALL REGRADE AND REESTABLISH VEGETATION AT THE BACK OF THE PROPOSED SIDEWALK AND SIDEWALK RAMPS TO THE LIMITS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROTECT THE RIGHT OF WAY BOUNDARY DURING THE CONSTRUCTION OF THE SIDEWALK AND SIDEWALK RAMPS. ANY DAMAGE TO THE RIGHT OF WAY BOUNDARY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
6. SEE INTERSECTION GRADING PLANS FOR EDGE OF PAVEMENT ELEVATIONS NOT SHOW ON THIS SHEET.
7. THE CONTRACTOR SHALL RESET FENCES THAT ARE AFFECTED BY THE CONSTRUCTION OF SIDEWALK AND SIDEWALK RAMPS. THE COST TO RESET FENCE SHALL BE PAID FOR UNDER THE VARIOUS RESET FENCE ITEMS.
8. THE CONTRACTOR SHALL PROTECT LANDSCAPED AREAS WITHIN THE LIMITS OF WORK WHERE POSSIBLE. LANDSCAPED AREAS THAT ARE DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED. THE COST TO RESTORE LANDSCAPED AREAS SHALL BE INCLUDED IN THE GENERAL COST OF WORK.

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

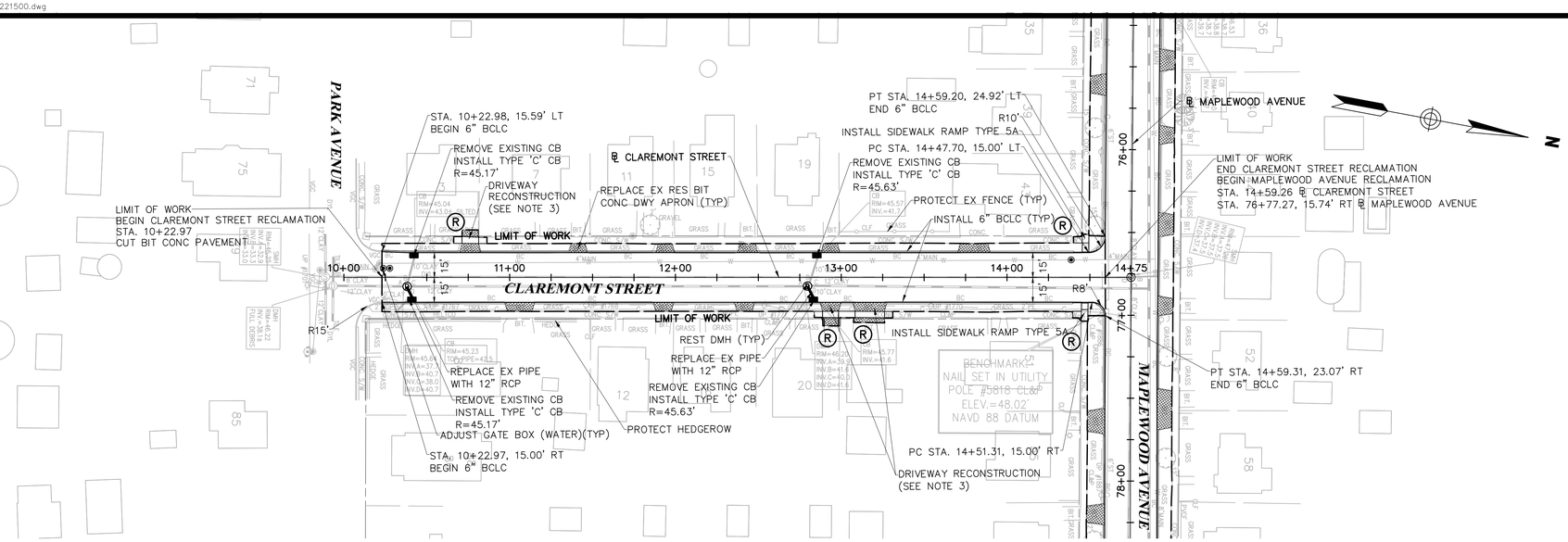
CADD FILENAME: PLN-BARBONSEL-4212500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

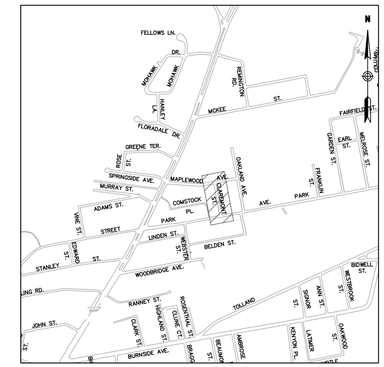
DRAWING TITLE: CONSTRUCTION PLAN BARBONSEL ROAD

PROJECT NO.: 42215.00
DRAWING NO.: PLN-01
SHEET NO.: XX OF XX

Jan 30, 2017

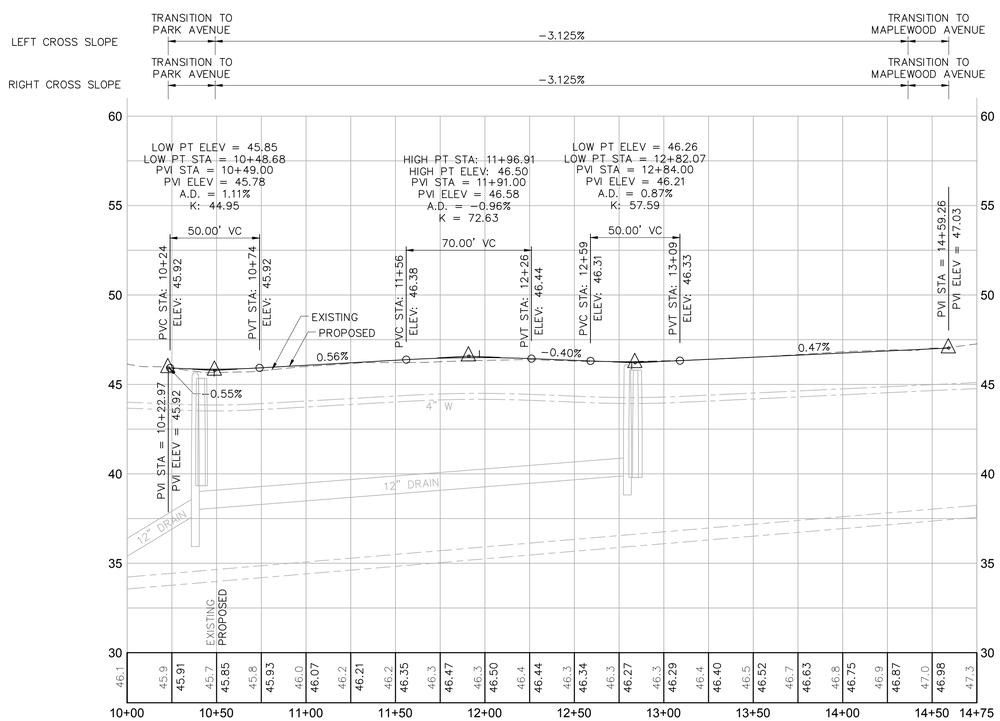


KEY MAP



LEGEND

- REPLACE EX RES BIT CONC DWY APRON
- REPLACE EX COMM BIT CONC DWY APRON
- REPLACE EX CONC DWY APRON
- (R) RIGHT OF ENTRY TO BE ACQUIRED (BY TOWN)



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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

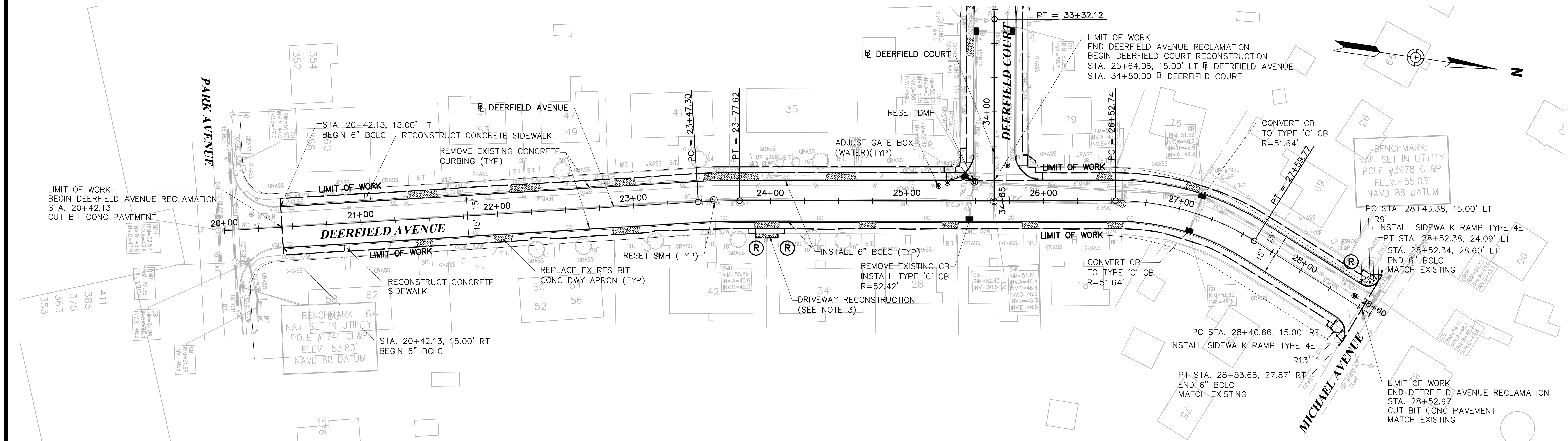
CADD FILENAME: PLN-CLAREMONT-4221500.DWG

TOWN:
EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
CLAREMONT STREET

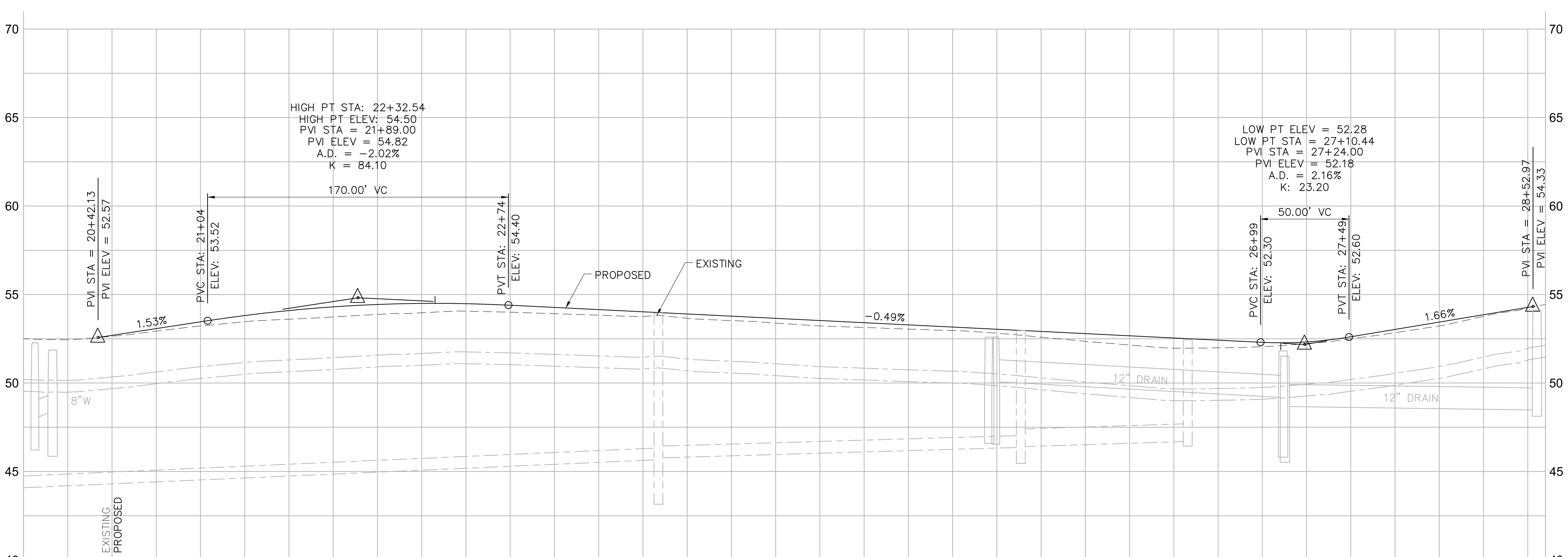
PROJECT NO.: 42215.00
DRAWING NO.: PLN-02
SHEET NO.: XX OF XX

Jan 30, 2017



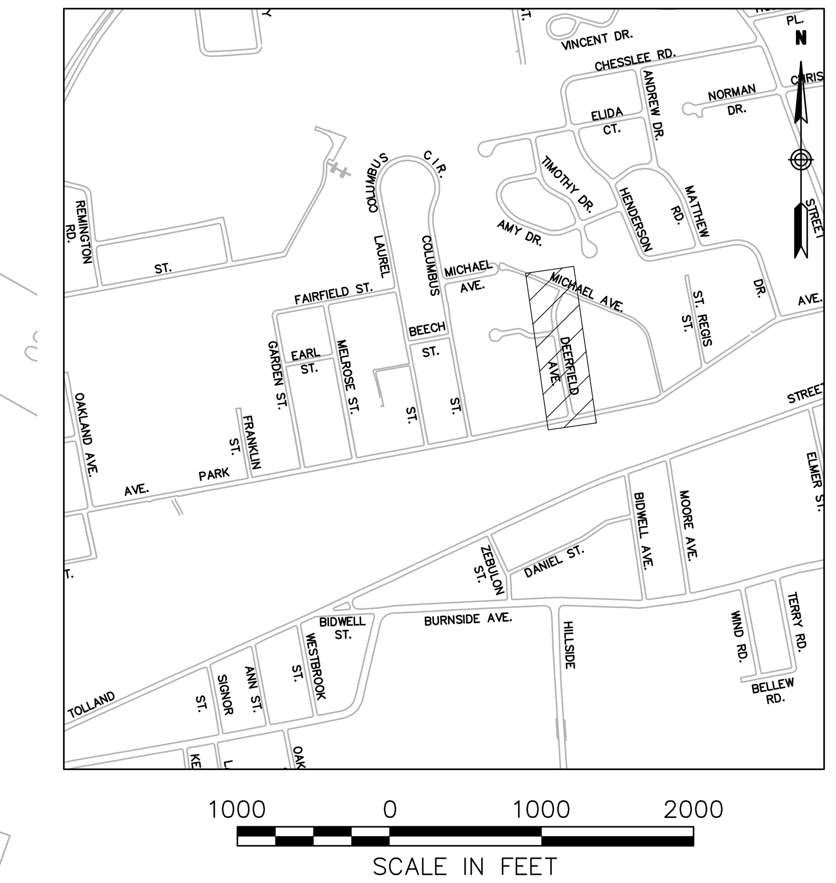
	TRANSITION TO PARK AVENUE		TRANSITION TO DEERFIELD COURT		TRANSITION TO MICHAEL AVENUE
LEFT CROSS SLOPE		−3.125%		−3.125%	
RIGHT CROSS SLOPE		−3.125%			

Right cross slope: TRANSITION TO PARK AVENUE — −3.125% — TRANSITION TO MICHAEL AVENUE



Station	Existing	Proposed	Proposed LT EOP	Proposed RT EOP
20+00	52.5			
20+25	52.5			
20+50	52.6	52.69		
20+75	52.9	53.08	52.61	52.61
21+00	53.2	53.46	52.99	52.99
21+25	53.5	53.81	53.35	53.35
21+50	53.6	54.10	53.63	53.63
21+75	53.7	54.31	53.84	53.84
22+00	53.9	54.44	53.97	53.97
22+25	54.0	54.50	54.03	54.03
22+50	54.1	54.48	54.02	54.02
22+75	54.0	54.39	53.93	53.93
23+00	53.9	54.27	53.81	53.81
23+25	53.8	54.15	53.68	53.68
23+50	53.8	54.03	53.56	53.56
23+75	53.7	53.90	53.44	53.44
24+00	53.5	53.78	53.31	53.31
24+25	53.4	53.66	53.19	53.19
24+50	53.2	53.53	53.07	53.07
24+75	53.1	53.41	52.94	52.94
25+00	53.0	53.29	52.82	52.82
25+25	53.0	53.16	52.70	52.70
25+50	52.8	53.04		52.57
25+75	52.6	52.92		52.45
26+00	52.4	52.79		52.33
26+25	52.2	52.67	52.20	52.20
26+50	52.0	52.55	52.08	52.08
26+75	52.0	52.42	51.96	51.96
27+00	52.1	52.30	51.84	51.83
27+25	52.2	52.32	51.86	51.86
27+50	52.5	52.61	52.15	52.15
27+75	52.8	53.03	52.56	52.56
28+00	53.2	53.44	52.98	52.98
28+25	53.8	53.86		
28+60	54.3	54.28		

KEY MAP



LEGEND

- REPLACE EX RES BIT CONC DWY APRON
- REPLACE EX COMM BIT CONC DWY APRON
- REPLACE EX CONC DWY APRON
- Ⓡ RIGHT OF ENTRY TO BE ACQUIRED (BY TOWN)

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Approval Date: ________________

Chairman: ________________________

REV.	DATE	DESCRIPTION	SHEET. NO.

REVISIONS

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD · CONNECTICUT · INCORPORATED 1783 · CARPE DIEM

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-DEERFIELD AVE-4221500.DWG

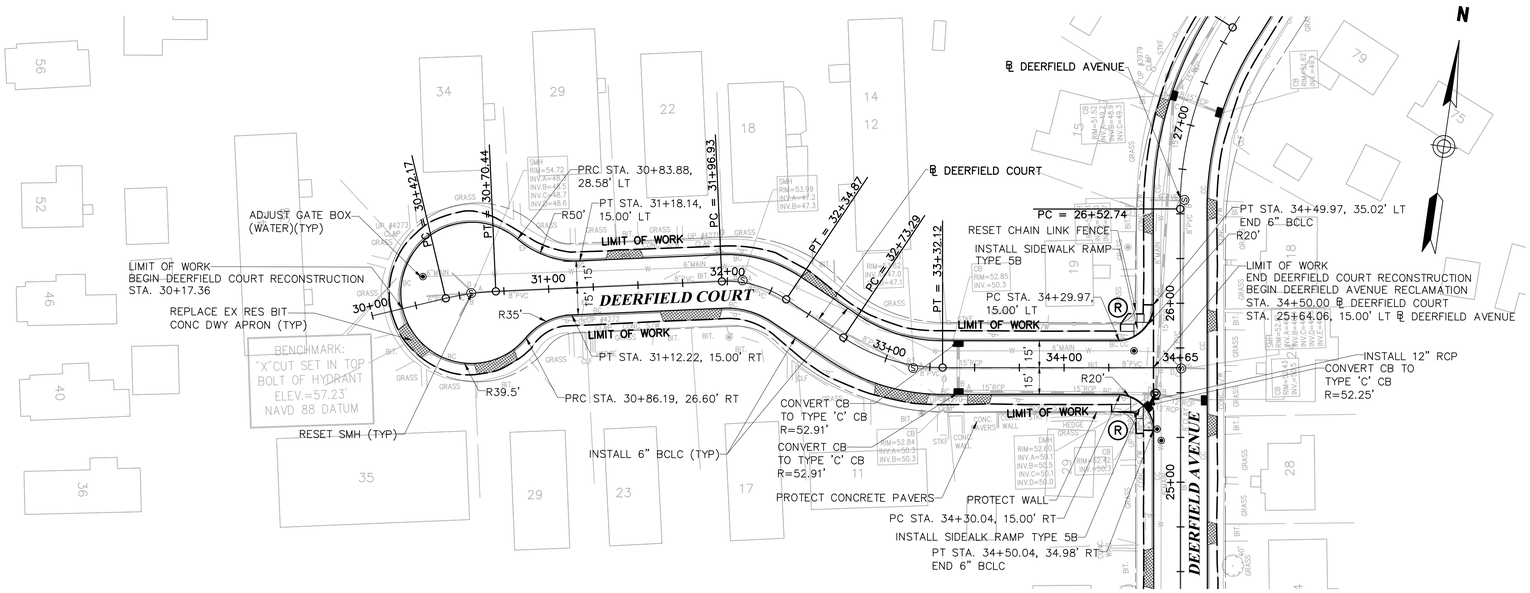
TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN DEERFIELD AVENUE

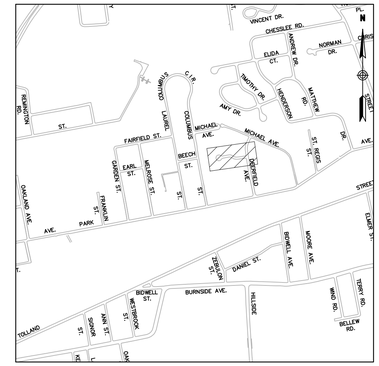
PROJECT NO.: 42215.00

DRAWING NO.: PLN-03

SHEET NO.: XX OF XX



KEY MAP



LEGEND

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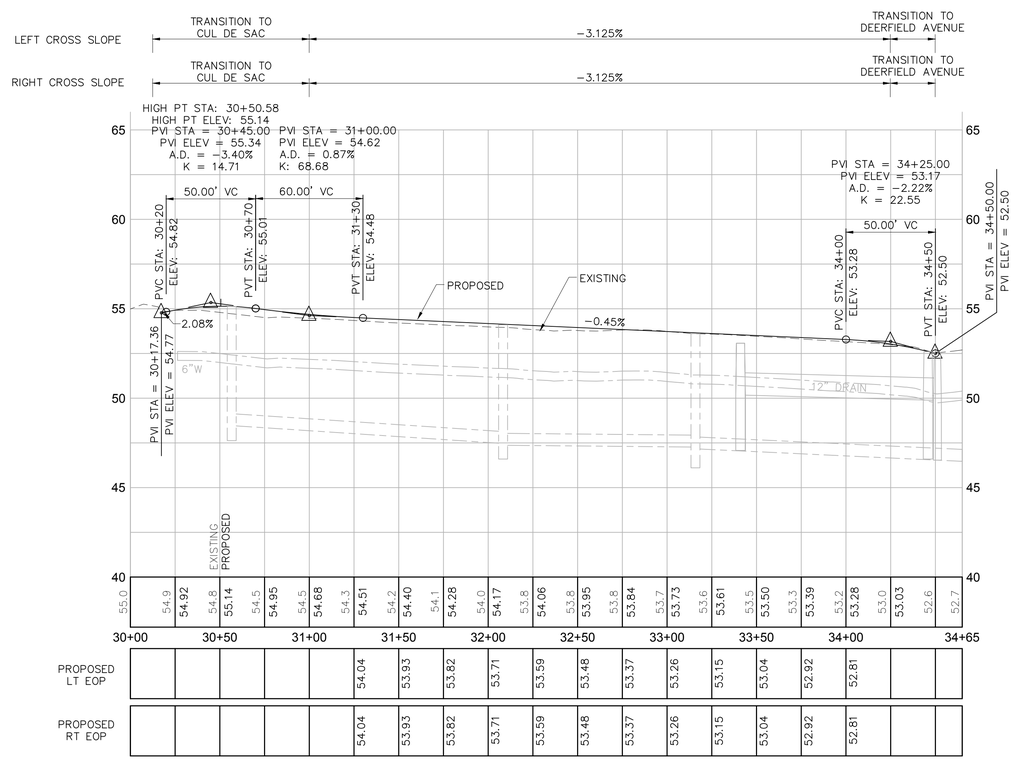

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-DEERFIELD CT-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

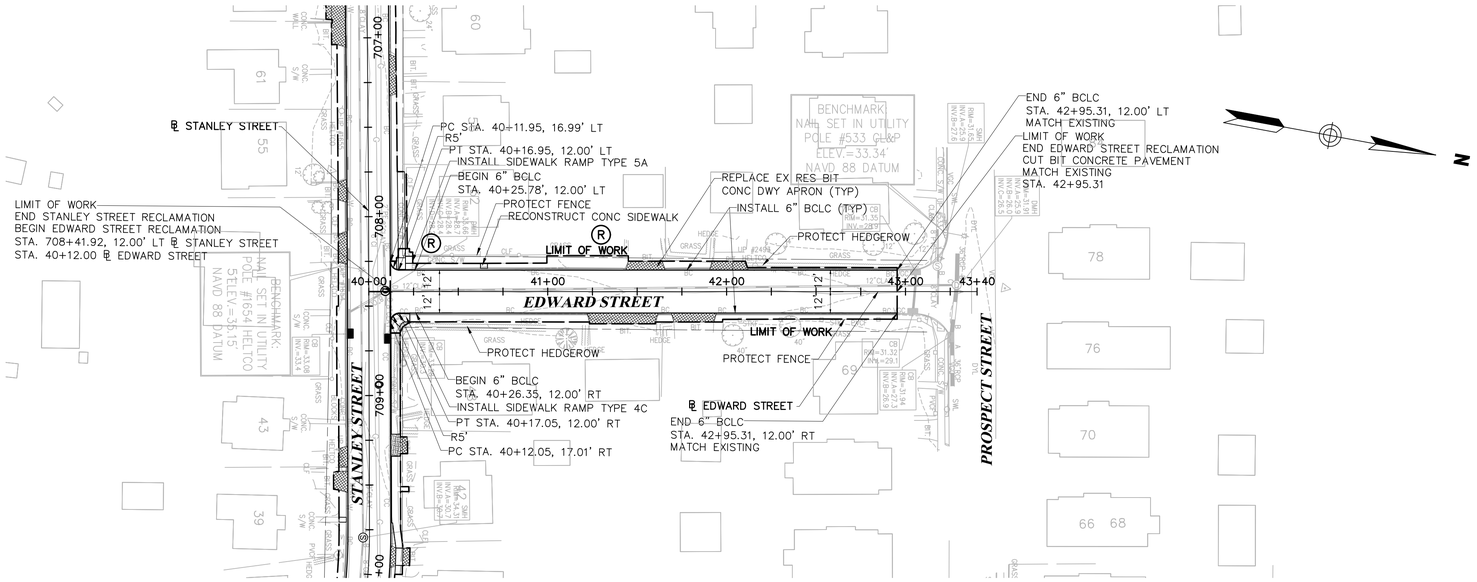
DRAWING TITLE: CONSTRUCTION PLAN DEERFIELD COURT

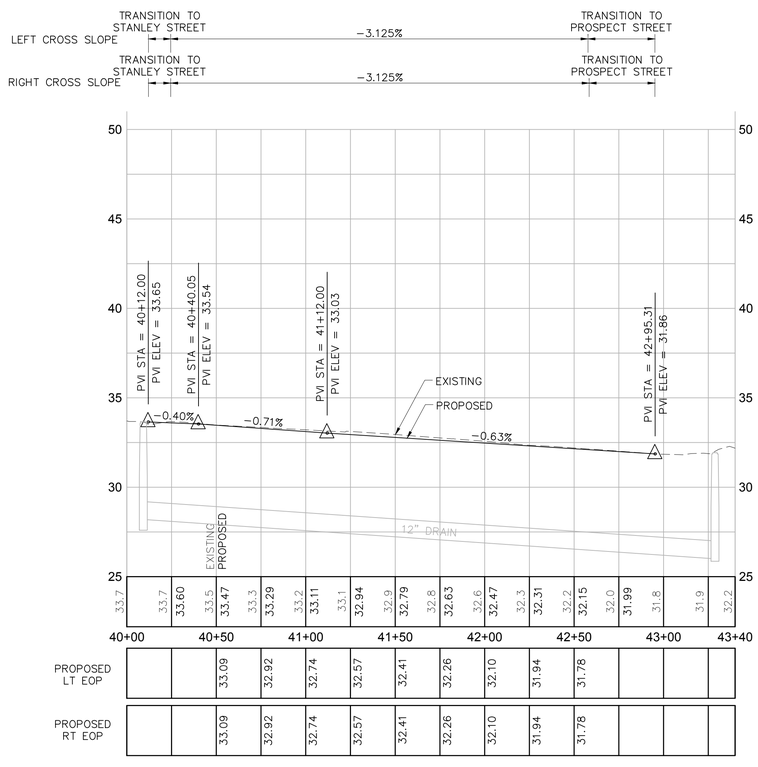
PROJECT NO.: 42215.00

DRAWING NO.: PLN-04

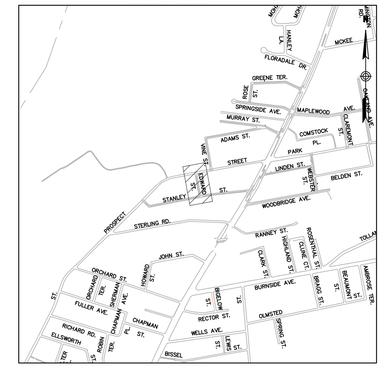
SHEET NO.: XX OF XX

Jan 30, 2017





KEY MAP



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SCALE IN FEET

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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Approval Date: _____

Chairman: _____

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		REVISIONS	

40 0 40
SCALE IN FEET

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

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

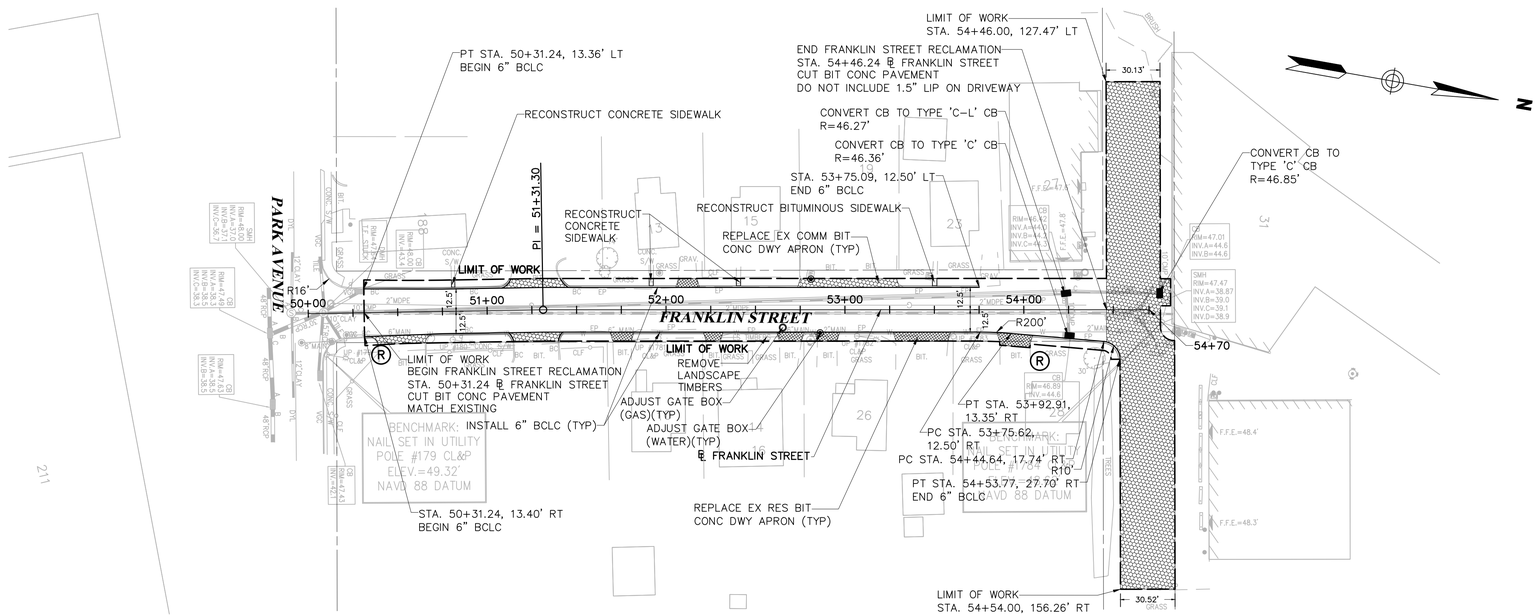
CADD FILENAME: PLN-EDWARD-4221500.DWG

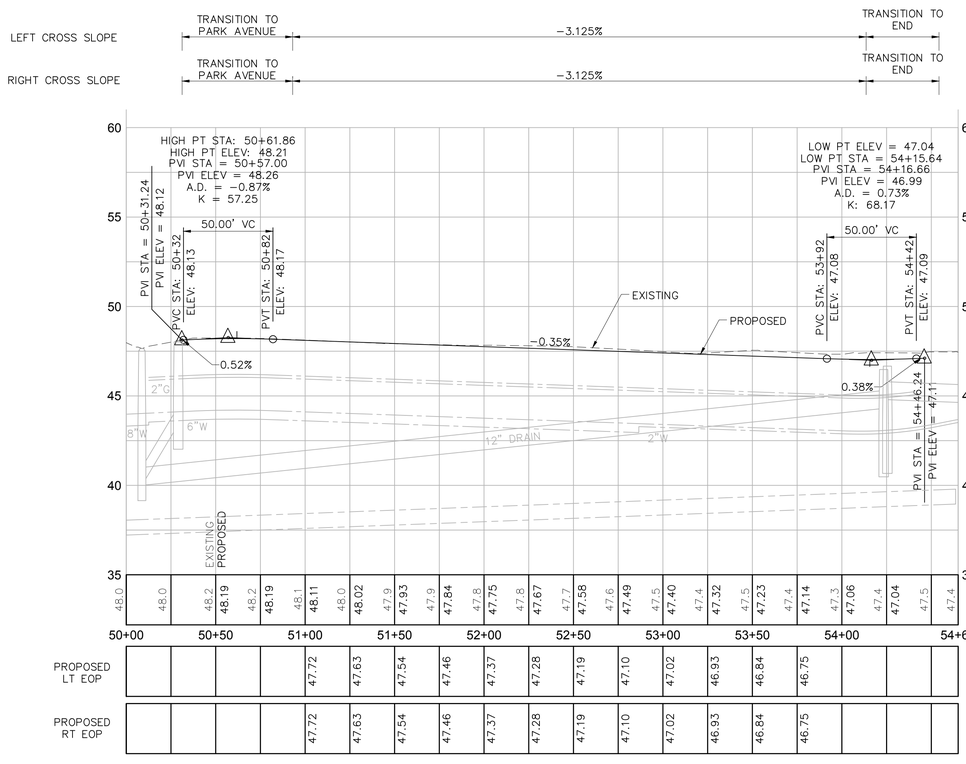
TOWN:
EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
EDWARD STREET

PROJECT NO.: 42215.00
DRAWING NO.: PLN-05
SHEET NO.: XX OF XX

Jan 30, 2017





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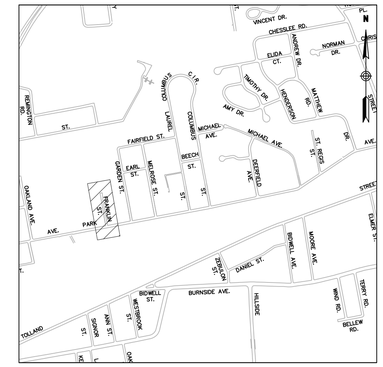

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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Approval Date: _____

Chairman: _____

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		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

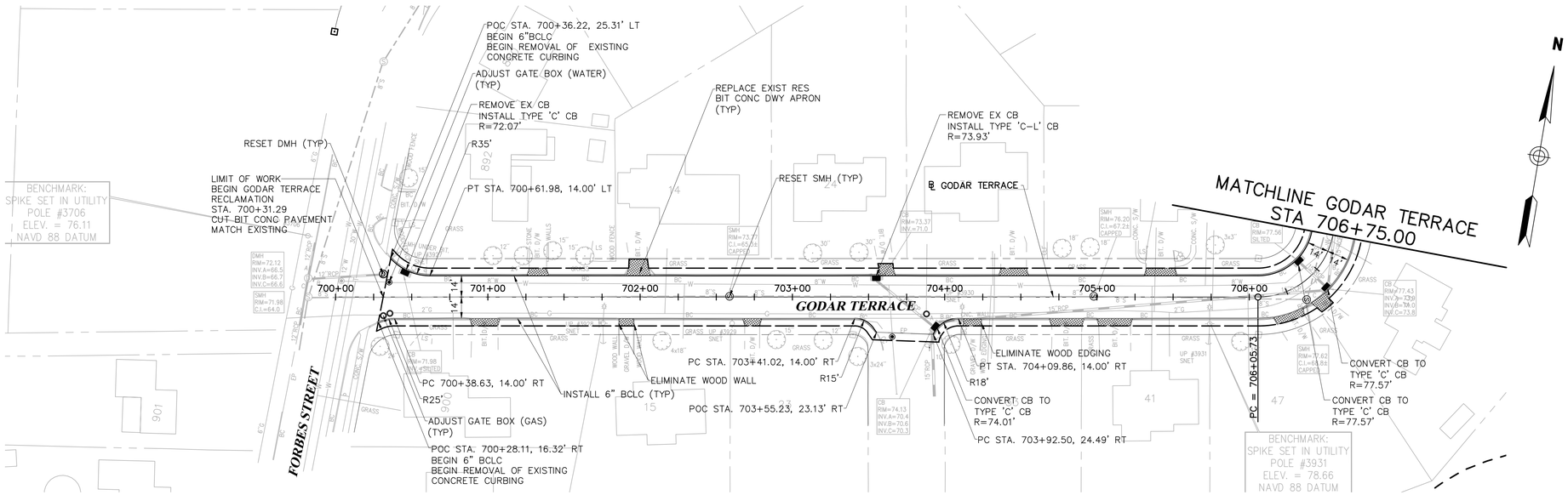
CADD FILENAME: PLN-FRANKLIN-4221500.DWG

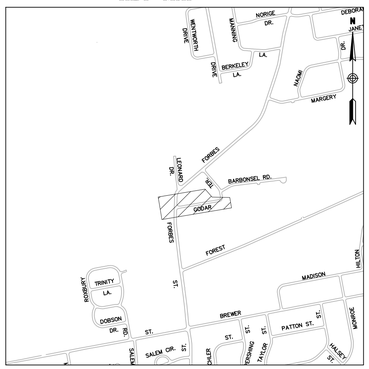
TOWN:
EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
FRANKLIN STREET

PROJECT NO.: 42215.00
DRAWING NO.: PLN-06
SHEET NO.: XX OF XX

Jan 30, 2017





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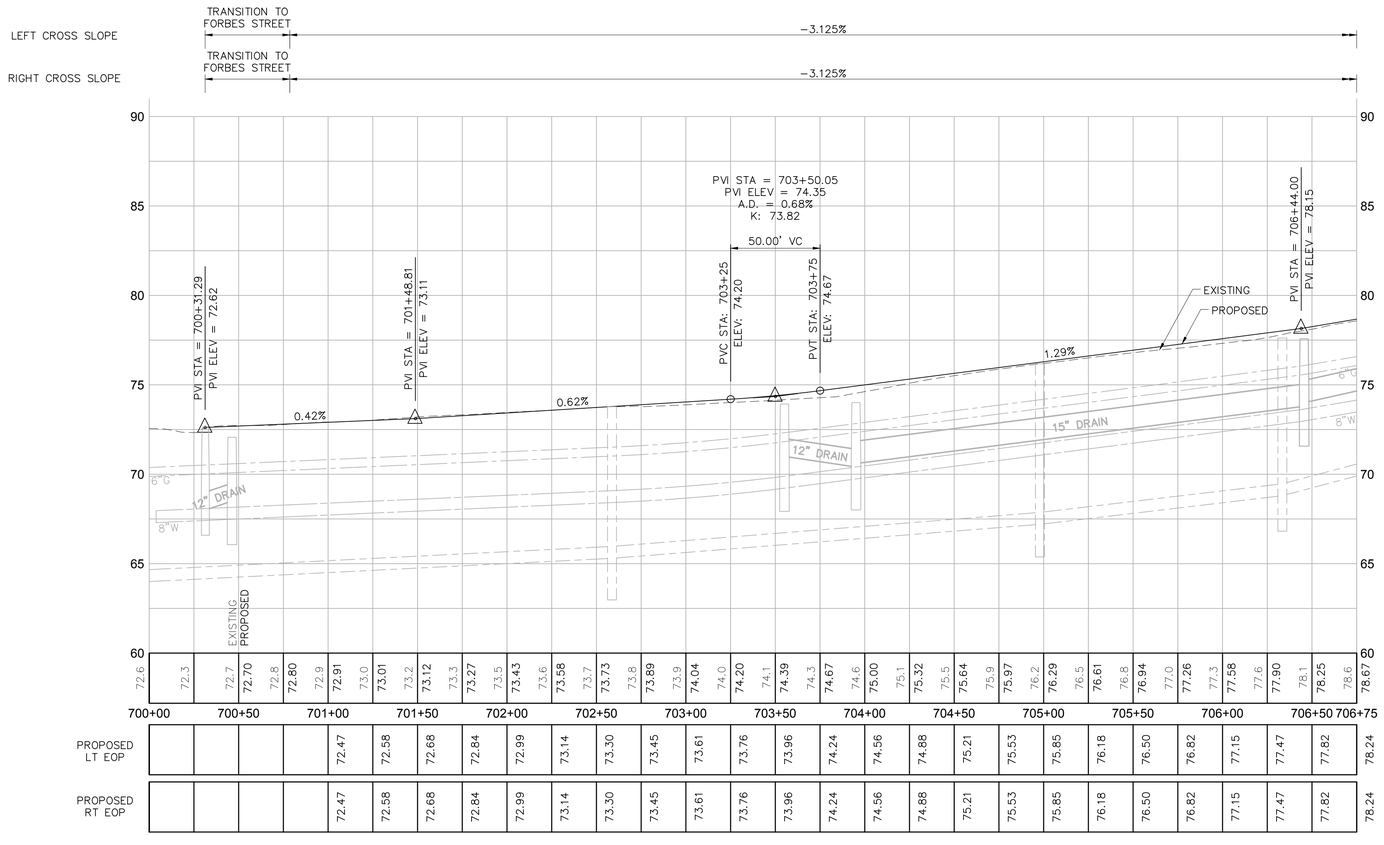

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

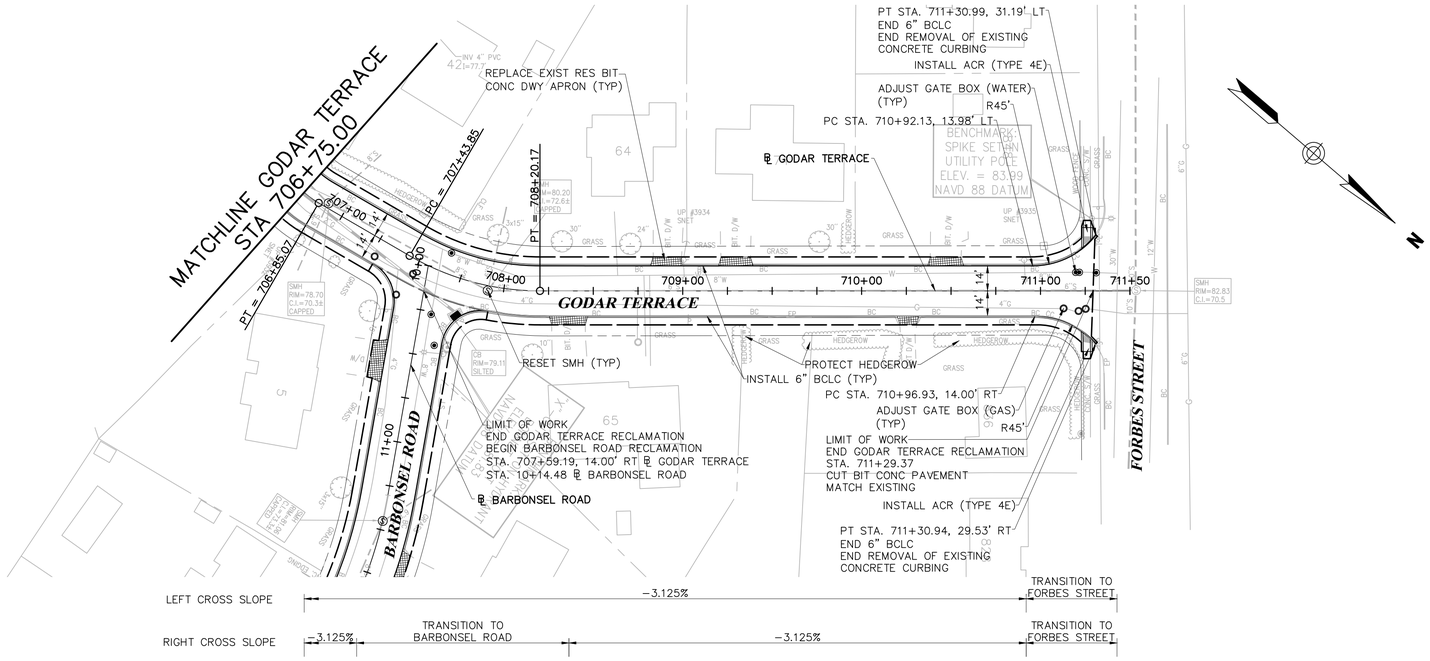
CADD FILENAME: PLN-GODAR-4212500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN
GODAR TERRACE

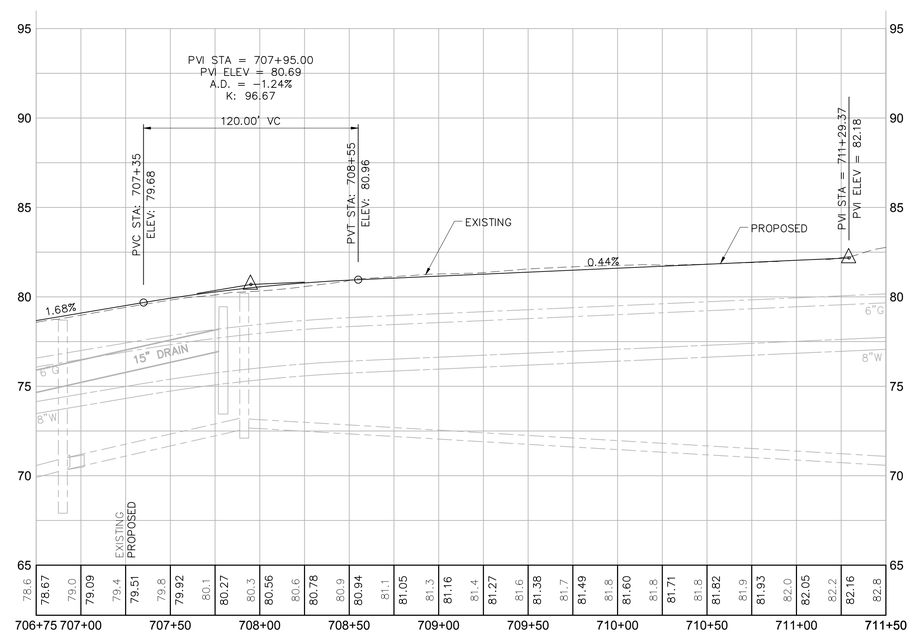
PROJECT NO.: 42215.00
DRAWING NO.: PLN-07
SHEET NO.: XX OF XX

Jan 30, 2017



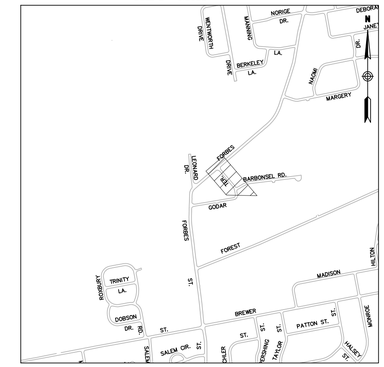
LEFT CROSS SLOPE: −3.125% — TRANSITION TO FORBES STREET

RIGHT CROSS SLOPE: −3.125% — TRANSITION TO BARBONSEL ROAD — −3.125% — TRANSITION TO FORBES STREET



PROPOSED LT EOP	78.24	78.66	79.08	79.49	79.84	80.12	80.34	80.50	80.61	80.72	80.83	80.94	81.06	81.17	81.28	81.39	81.50		
PROPOSED RT EOP	78.24	78.66					80.34	80.50	80.61	80.72	80.83	80.94	81.06	81.17	81.28	81.39	81.50		

KEY MAP



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SCALE IN FEET

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
- REPLACE EX COMM BIT CONC DWY APRON
- REPLACE EX CONC DWY APRON
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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb — Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-GODAR-4212500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

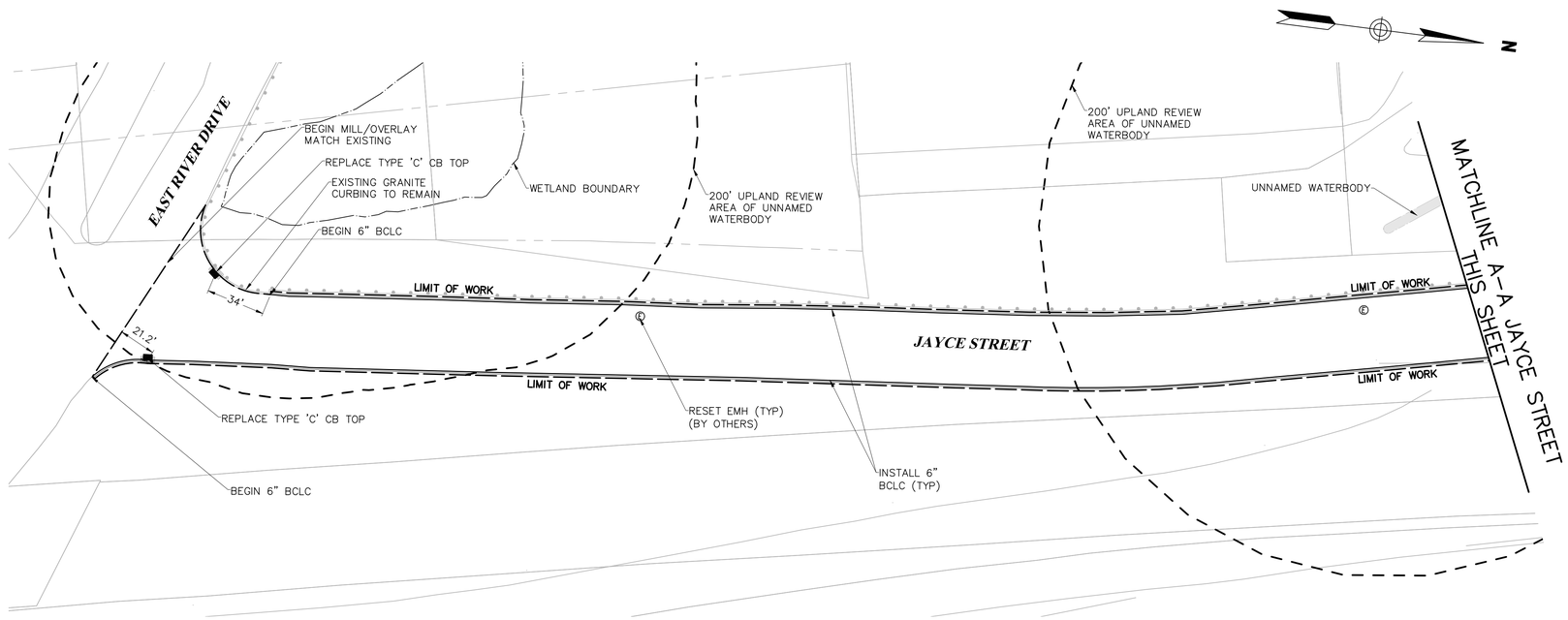
DRAWING TITLE: CONSTRUCTION PLAN GODAR TERRACE

PROJECT NO.: 42215.00

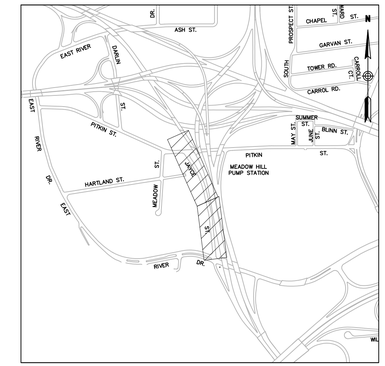
DRAWING NO.: PLN-08

SHEET NO.: XX OF XX

Jan 30, 2017



KEY MAP



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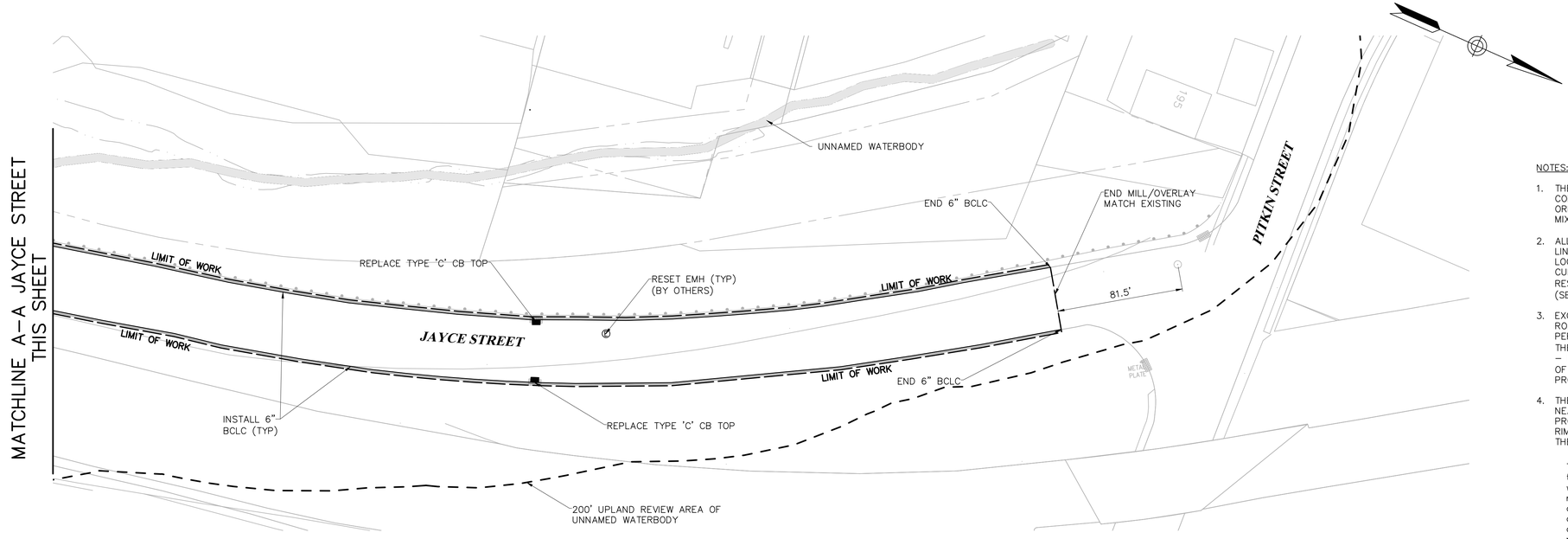

NOTES:

1. THE CONTRACTOR SHALL SEAL ALL MAJOR CRACKS AND COMPLETE LOCALIZED PARTIAL AND FULL DEPTH PATCHING AS ORDERED BY THE ENGINEER PRIOR TO PLACING THE FIRST HOT MIX ASPHALT PAVEMENT COURSE.
2. ALL CATCH BASINS SHALL BE RESET/CONVERTED TO BE IN LINE WITH THE GUTTER LINE WHERE FEASIBLE. AT THE LOCATIONS WHERE THIS IS NOT FEASIBLE THE PAVEMENT AND CURBING SHALL BE TAPERED TO MATCH THE RESET/CONVERTED STRUCTURE ACCORDING TO THE DETAIL (SEE MISCELLANEOUS DETAIL SHEETS).
3. EXCEPT WHERE NOTED OTHERWISE, IN AREAS WHERE THE ROADWAY BASE IS EXPOSED, THE CONTRACTOR SHALL PERFORM PAVEMENT AND BASE REPAIR IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED IN THE "NOTICE TO CONTRACTOR – EXPOSED BASE ON MILLED ROADWAYS AND CONSTRUCTION OF PARTIAL-DEPTH AND FULL-DEPTH PATCHES" SPECIAL PROVISION.
4. THE CONTRACTOR SHALL REMOVE ANY DEPRESSED AREAS NEAR THE EXISTING CATCH BASIN AND REGRADE THE AREA TO PROVIDE POSITIVE DRAINAGE TO NEARBY CATCH BASINS. THE RIM ELEVATION OF THE MANHOLE SHALL BE FLUSHED WITH THESE NEW GRADES.

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: ----

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

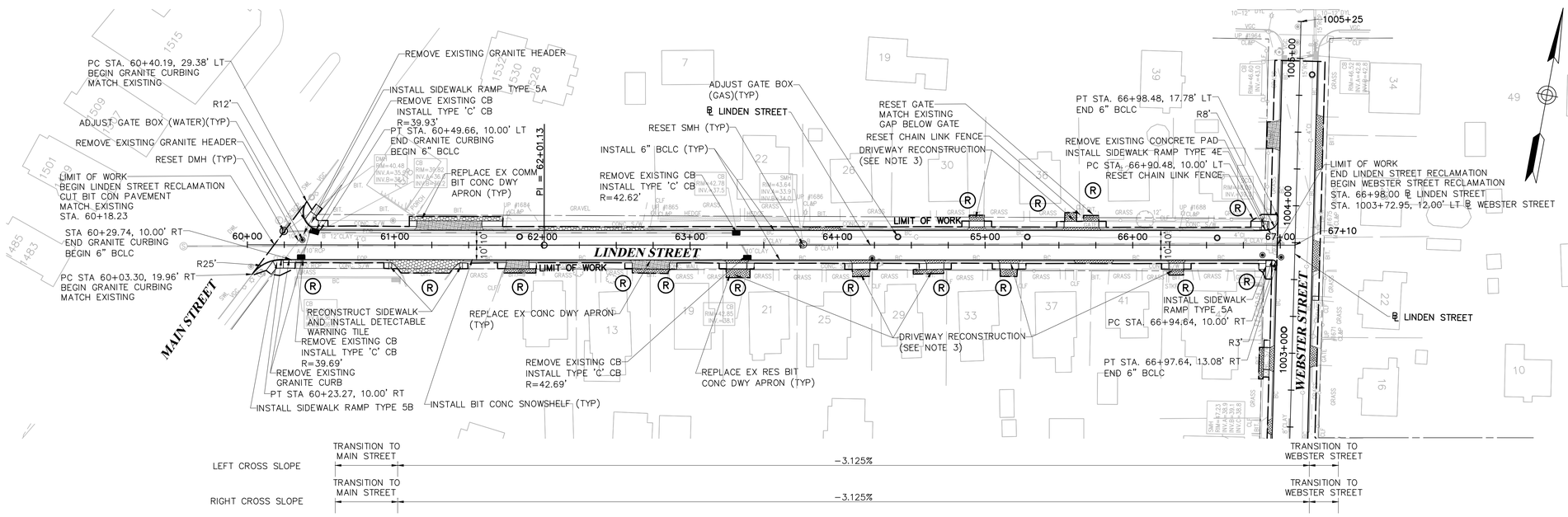
CADD FILENAME: PLN-JAYCE-4221500.DWG

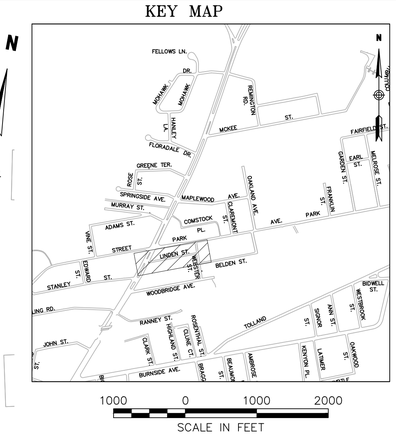
TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN JAYCE STREET

PROJECT NO.: 42215.00
DRAWING NO.: PLN-09
SHEET NO.: XX OF XX

Jan 30, 2017





LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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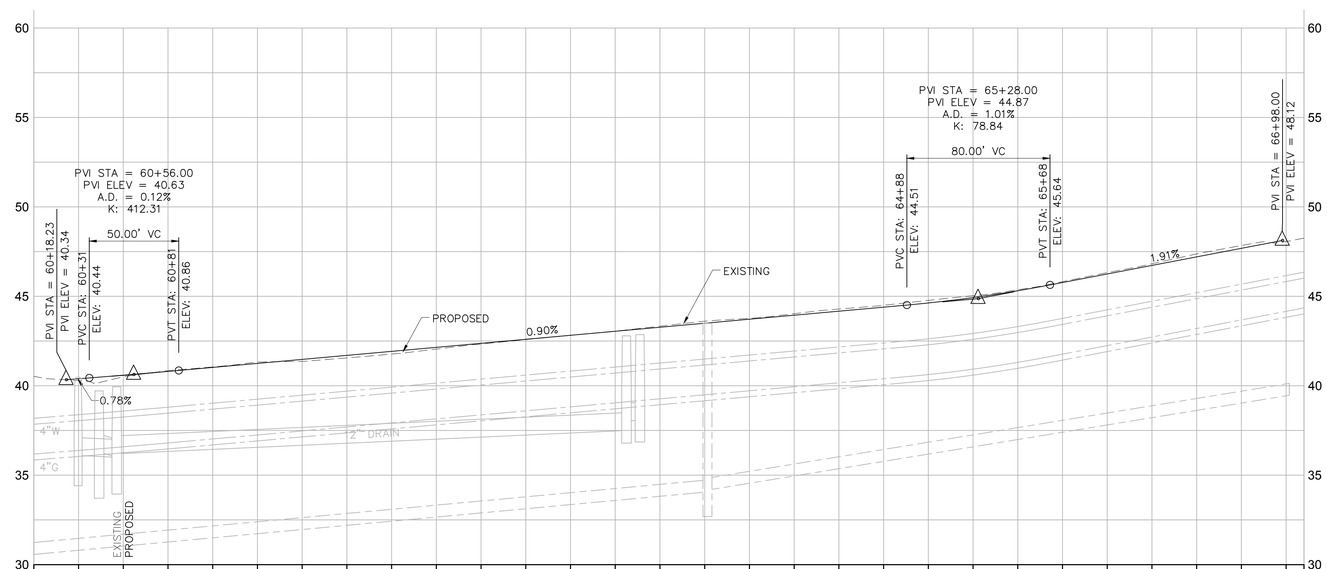

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Approval Date: _____

Chairman: _____

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		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

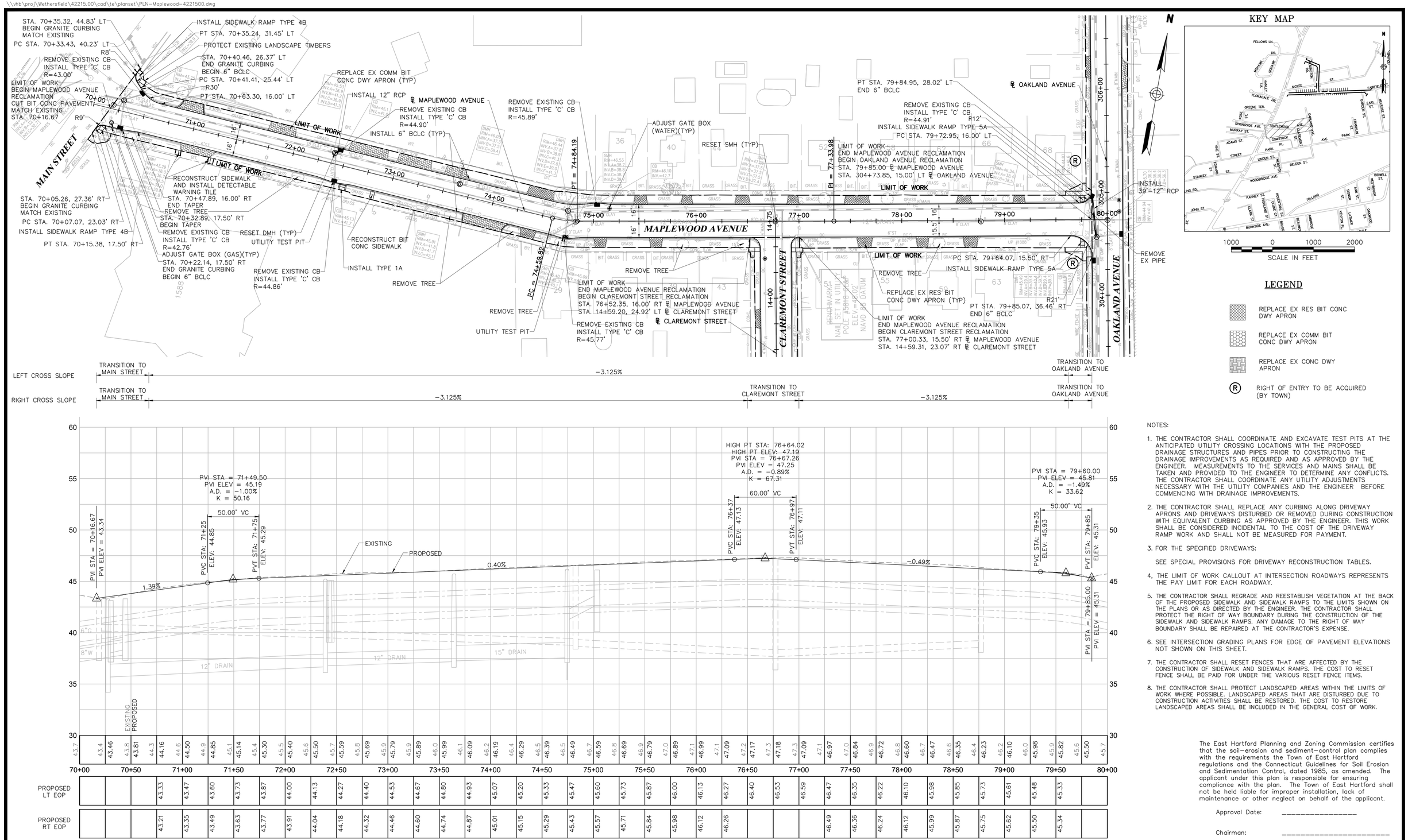
CADD FILENAME: PLN-LINDEN-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN LINDEN STREET

PROJECT NO.: 42215.00
DRAWING NO.: PLN-10
SHEET NO.: XX OF XX

Jan 30, 2017



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SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-MAPLEWOOD-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

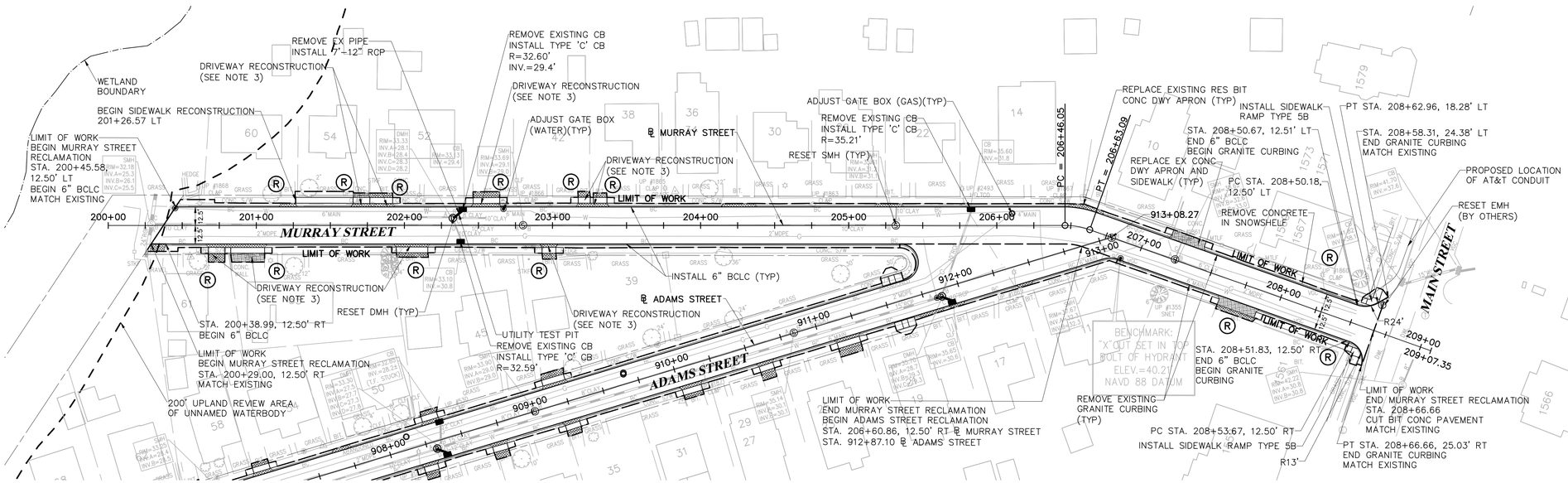
DRAWING TITLE: CONSTRUCTION PLAN MAPLEWOOD AVENUE

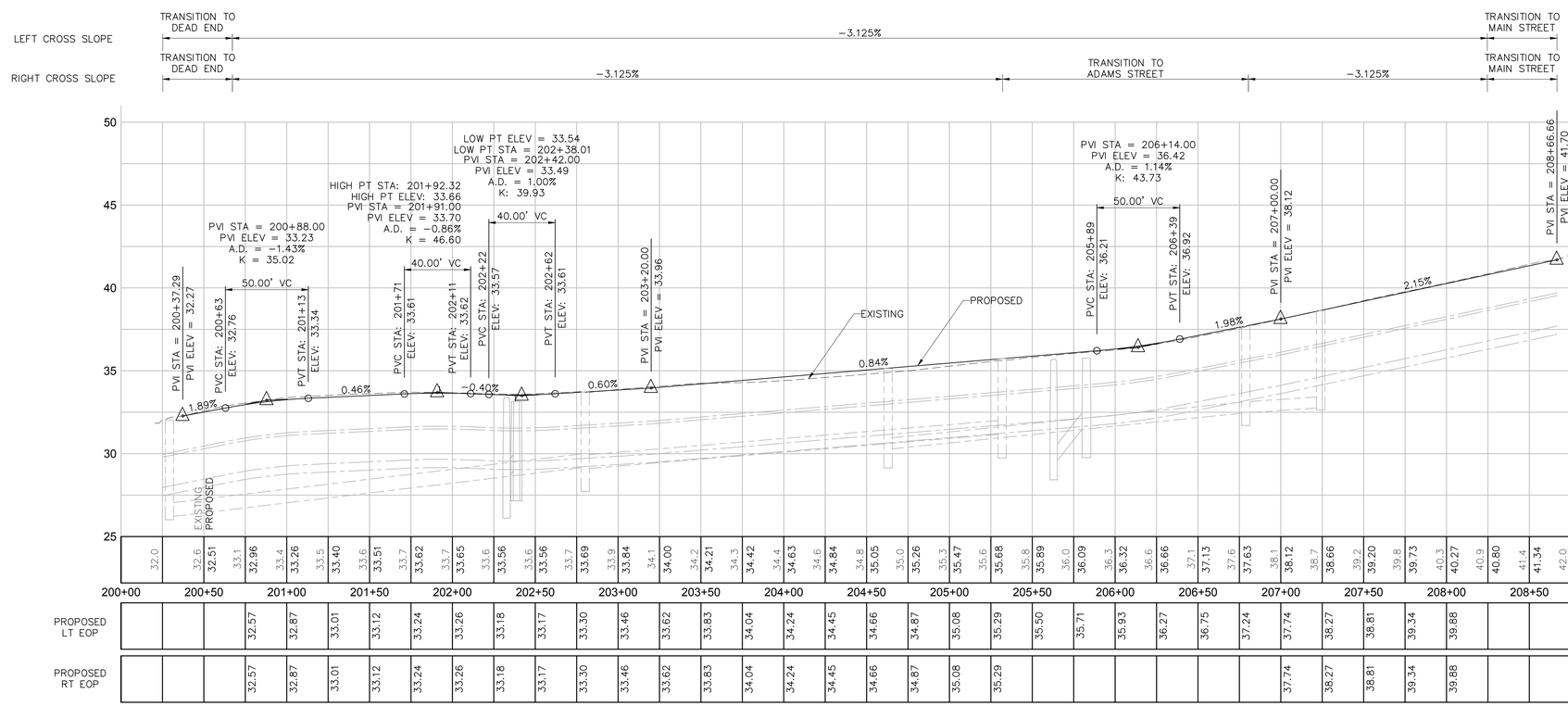
PROJECT NO.: 42215.00

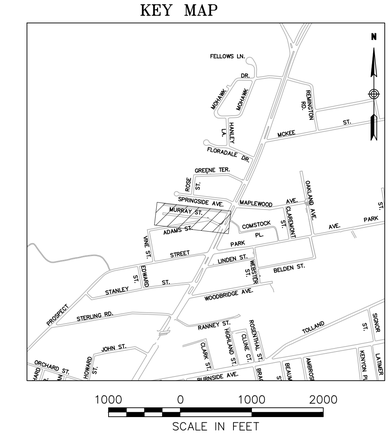
DRAWING NO.: PLN-11

SHEET NO.: XX OF XX

Jan 30, 2017







LEGEND

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Approval Date: _____

Chairman: _____

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		REVISIONS	

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SCALE IN FEET

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

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-MURRAY-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

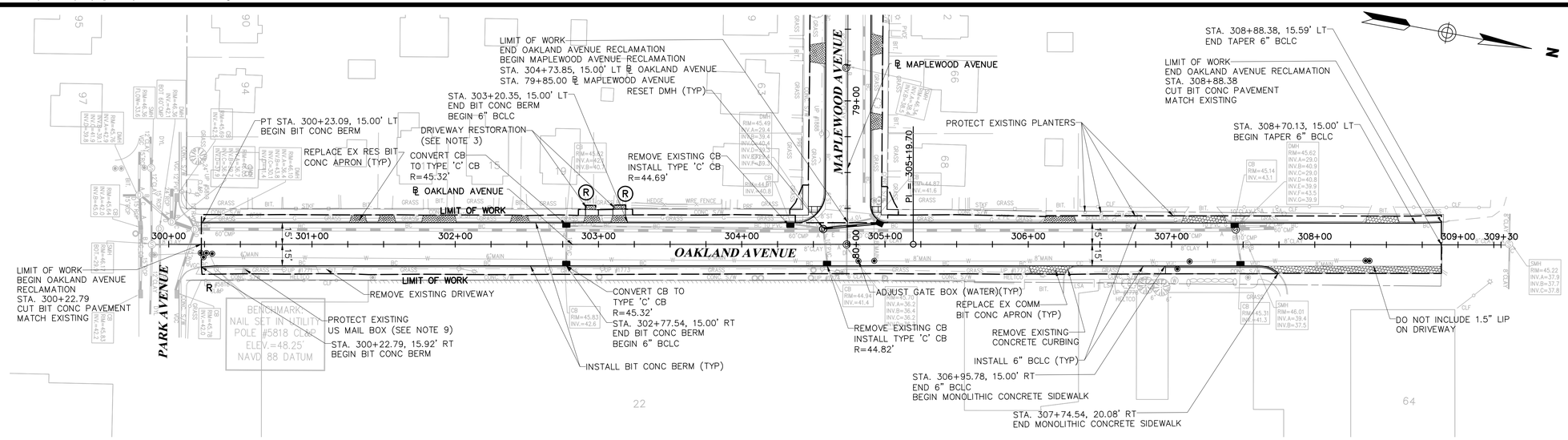
DRAWING TITLE: CONSTRUCTION PLAN MURRAY STREET

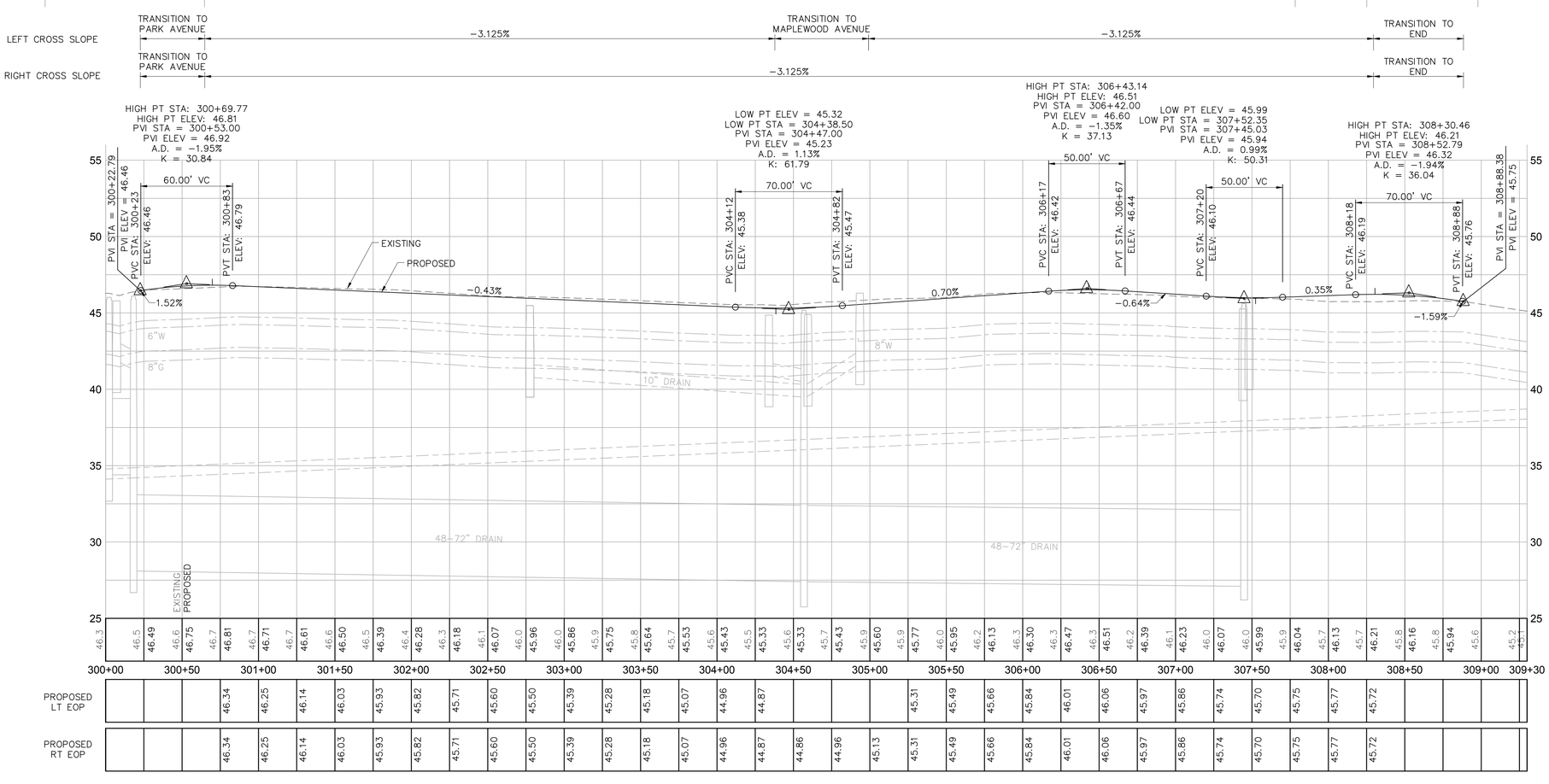
PROJECT NO.: 42215.00

DRAWING NO.: PLN-12

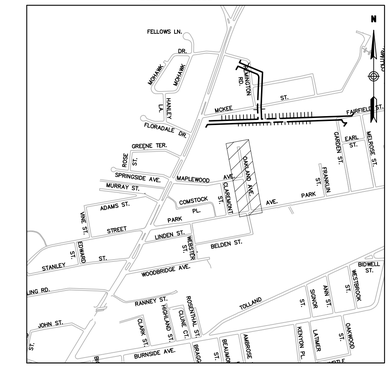
SHEET NO.: XX OF XX

Jan 30, 2017





KEY MAP



LEGEND

- REPLACE EX RES BIT CONC DWY APRON
- REPLACE EX COMM BIT CONC DWY APRON
- REPLACE EX CONC DWY APRON
- (R) RIGHT OF ENTRY TO BE ACQUIRED (BY TOWN)

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9. THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING U.S. MAIL BOXES WITHIN THE PROJECT LIMITS MEET THE STANDARDS OF THE UNITED STATES POSTAL SERVICE AFTER CONSTRUCTION IS COMPLETE. THE COST TO RESET OR REPAIR MAIL BOXES SHALL BE COVERED UNDER THE ITEM "RESET MAILBOX"

The East Hartford Planning and Zoning Commission certifies that the soil-erosion and sediment-control plan complies with the requirements the Town of East Hartford regulations and the Connecticut Guidelines for Soil Erosion and Sedimentation Control, dated 1985, as amended. The applicant under this plan is responsible for ensuring compliance with the plan. The Town of East Hartford shall not be held liable for improper installation, lack of maintenance or other neglect on behalf of the applicant.

Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

CADD FILENAME: PLN-OAKLAND-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN
OAKLAND AVENUE

PROJECT NO.: 42215.00
DRAWING NO.: PLN-13
SHEET NO.: XX OF XX

Jan 30, 2017

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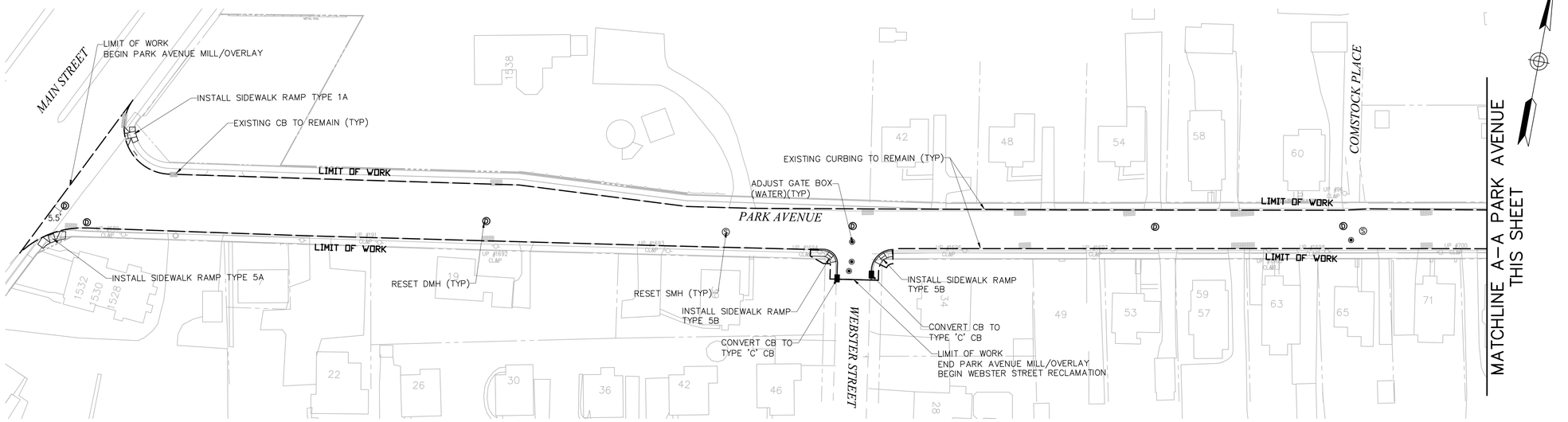

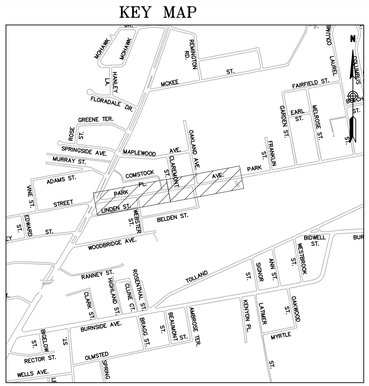

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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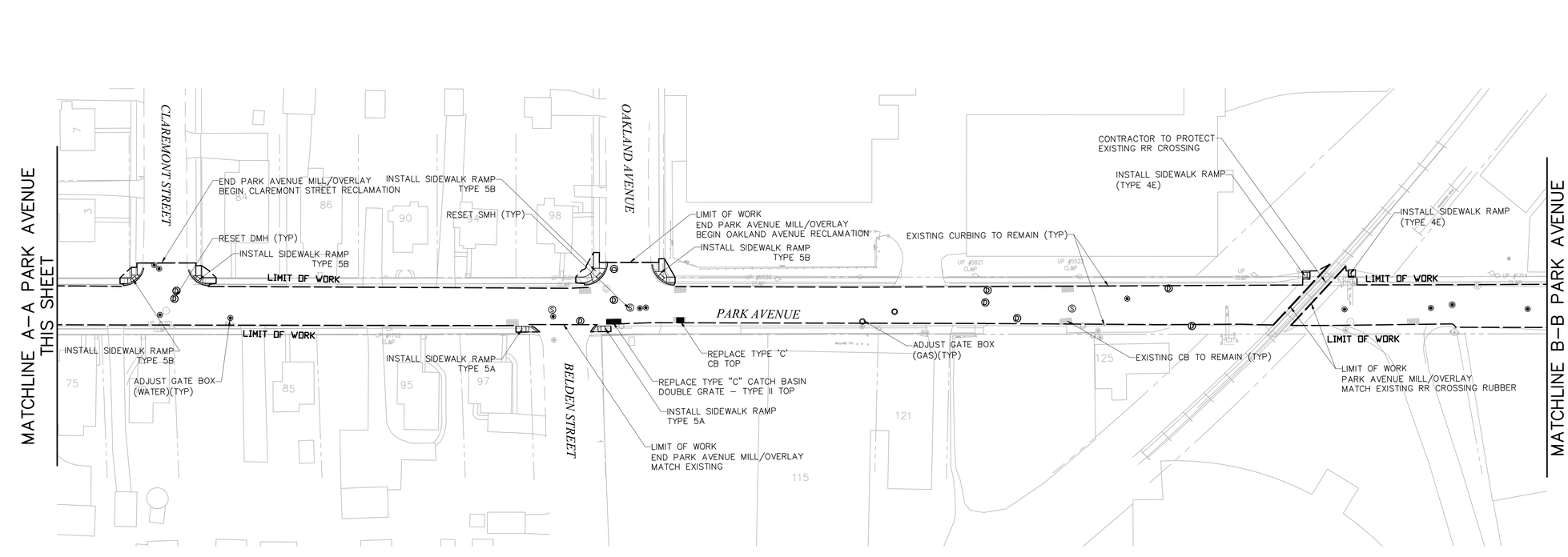

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Approval Date: _____

Chairman: _____

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		REVISIONS	

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SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

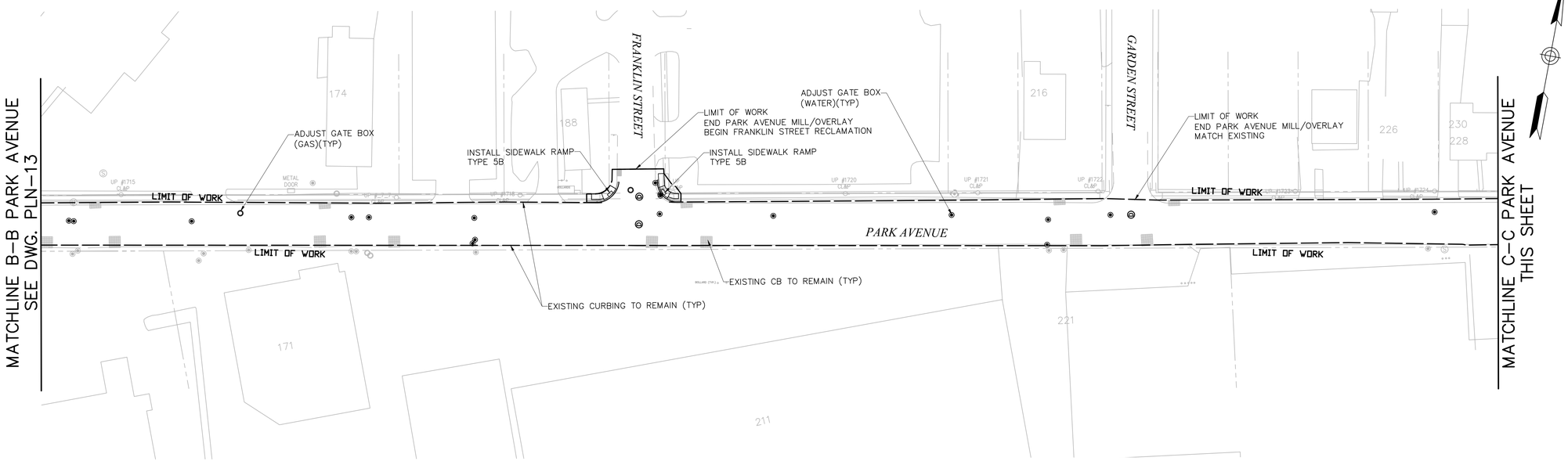
CADD FILENAME: PLN-PARK-4221500.DWG

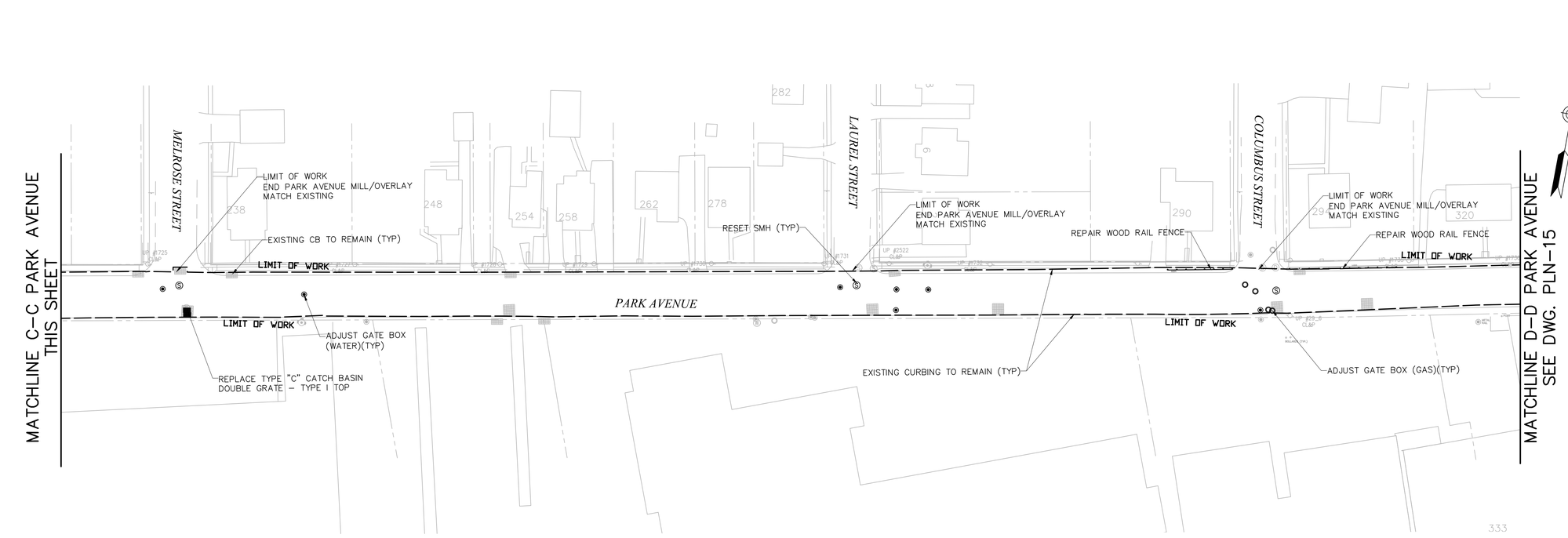
TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN
PARK AVENUE

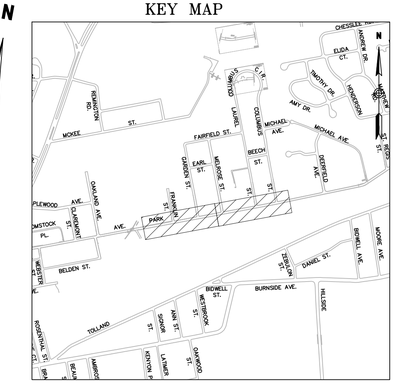
PROJECT NO.: 42215.00
DRAWING NO.: PLN-14
SHEET NO.: XX OF XX

Jan 30, 2017





KEY MAP



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SCALE IN FEET

LEGEND

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- REPLACE EX COMM BIT CONC DWY APRON
- REPLACE EX CONC DWY APRON
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Approval Date: _____

Chairman: _____

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40 0 40

SCALE IN FEET

DESIGNER: EAN

DRAFTER: JE

CHECKED BY: BAA

APPROVED BY: SON

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-PARK-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN PARK AVENUE

PROJECT NO.: 42215.00

DRAWING NO.: PLN-15

SHEET NO.: XX OF XX

Jan 30, 2017

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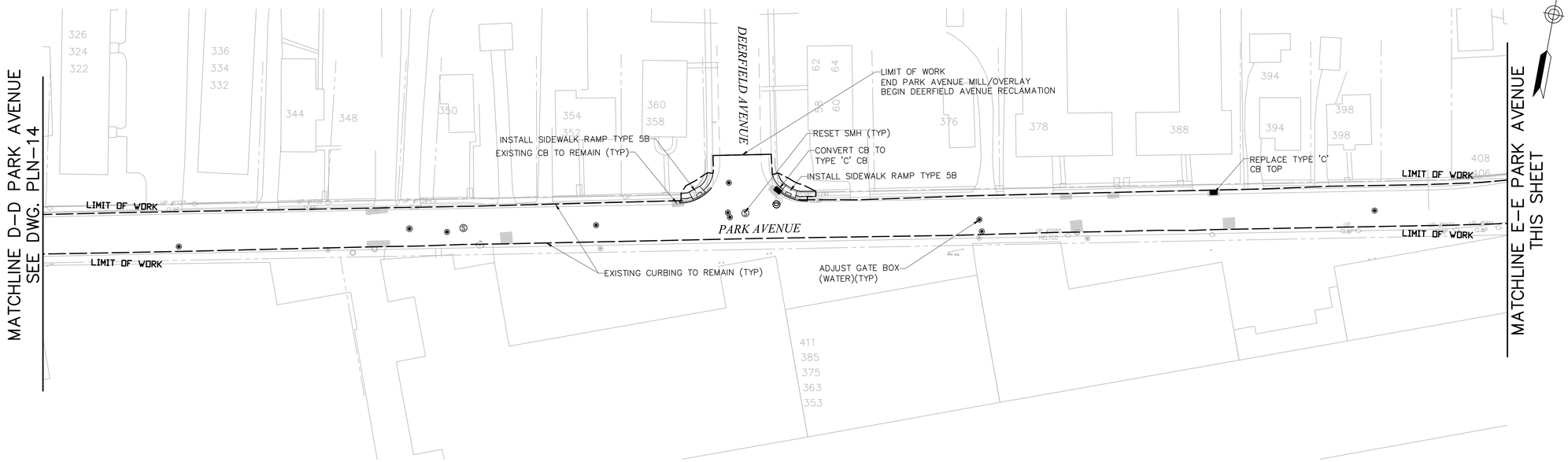

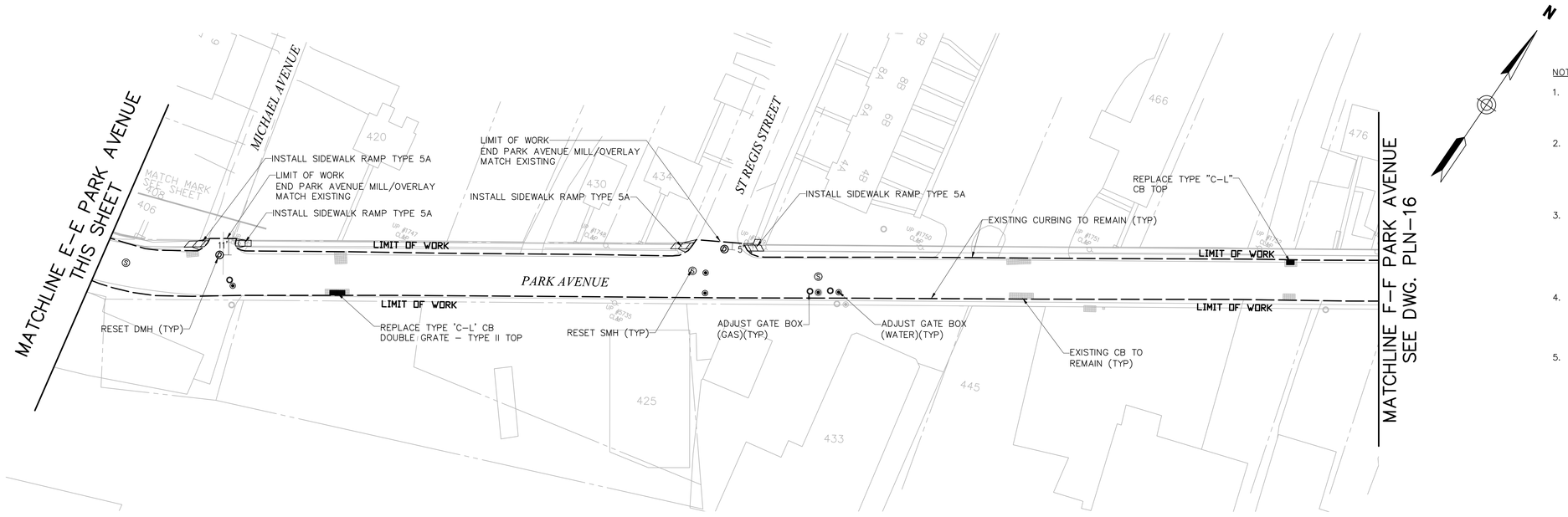

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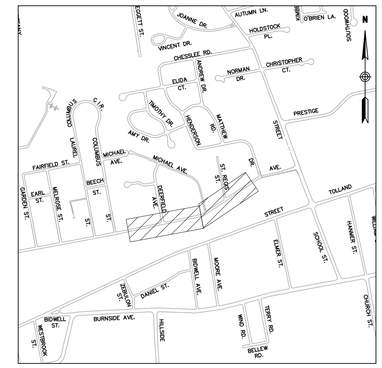

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LEGEND

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Approval Date: _____

Chairman: _____

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40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

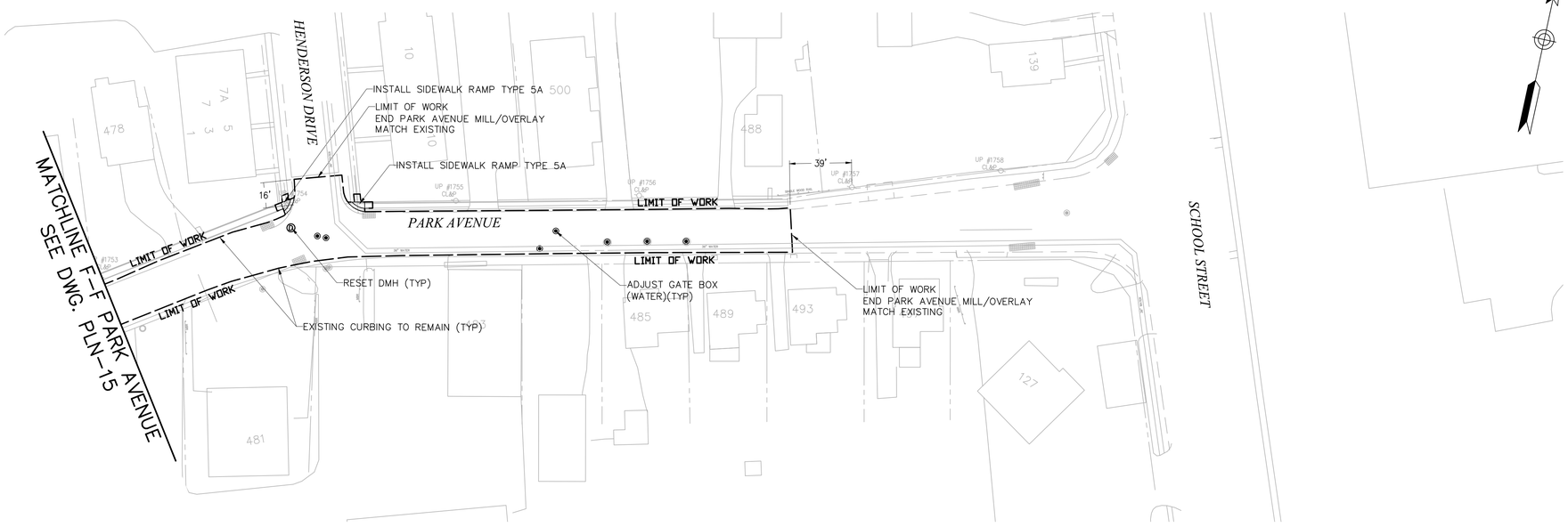
CADD FILENAME: PLN-PARK-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

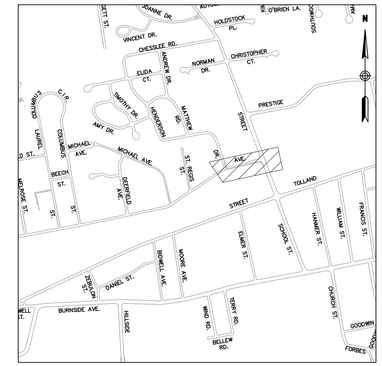
DRAWING TITLE: CONSTRUCTION PLAN
PARK AVENUE

PROJECT NO.: 42215.00
DRAWING NO.: PLN-16
SHEET NO.: XX OF XX

Jan 30, 2017



KEY MAP



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SCALE IN FEET

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40

SCALE IN FEET

DESIGNER: EAN

DRAFTER: JE

CHECKED BY: BAA

APPROVED BY: SON

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-PARK-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

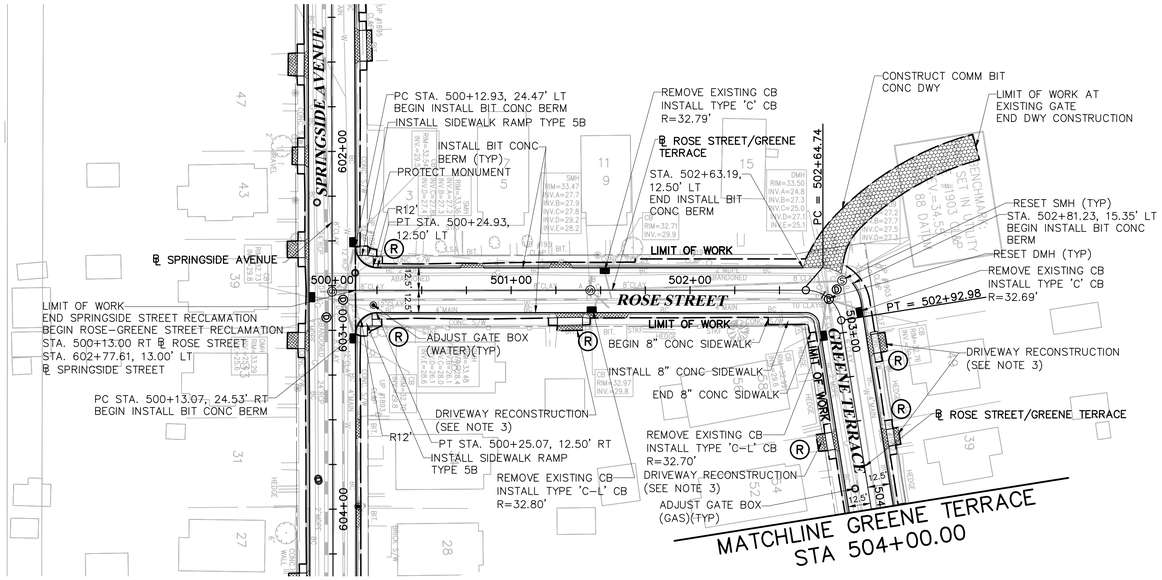
DRAWING TITLE: CONSTRUCTION PLAN PARK AVENUE

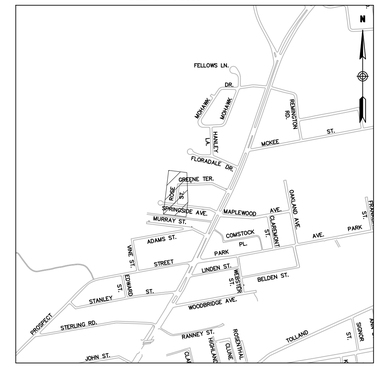
PROJECT NO.: 42215.00

DRAWING NO.: PLN-17

SHEET NO.: XX OF XX

Jan 30, 2017





LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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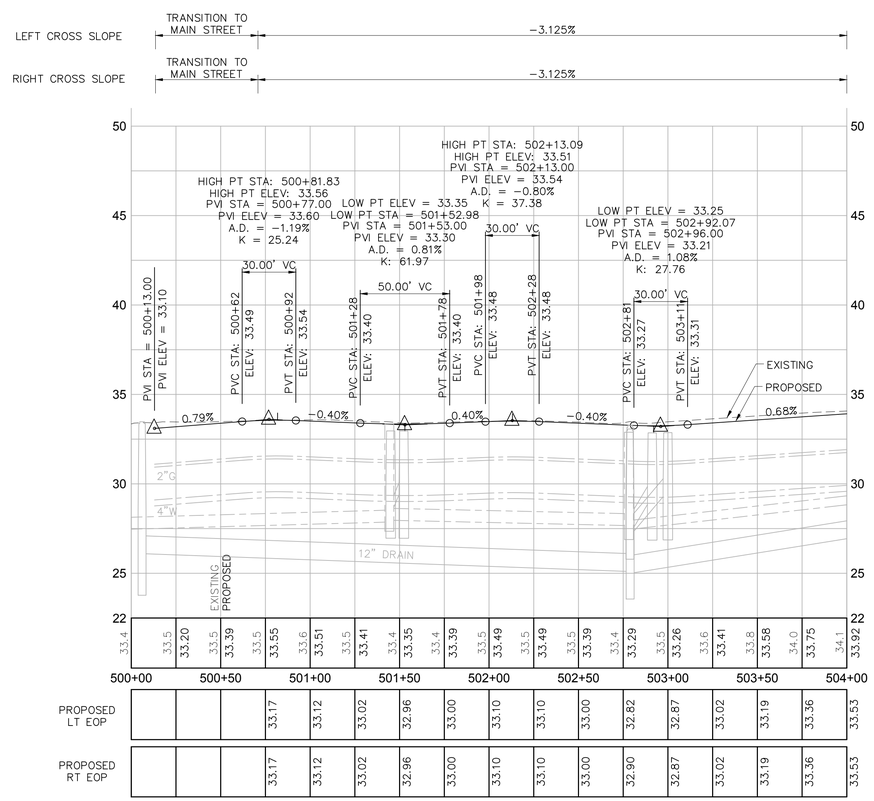

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

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

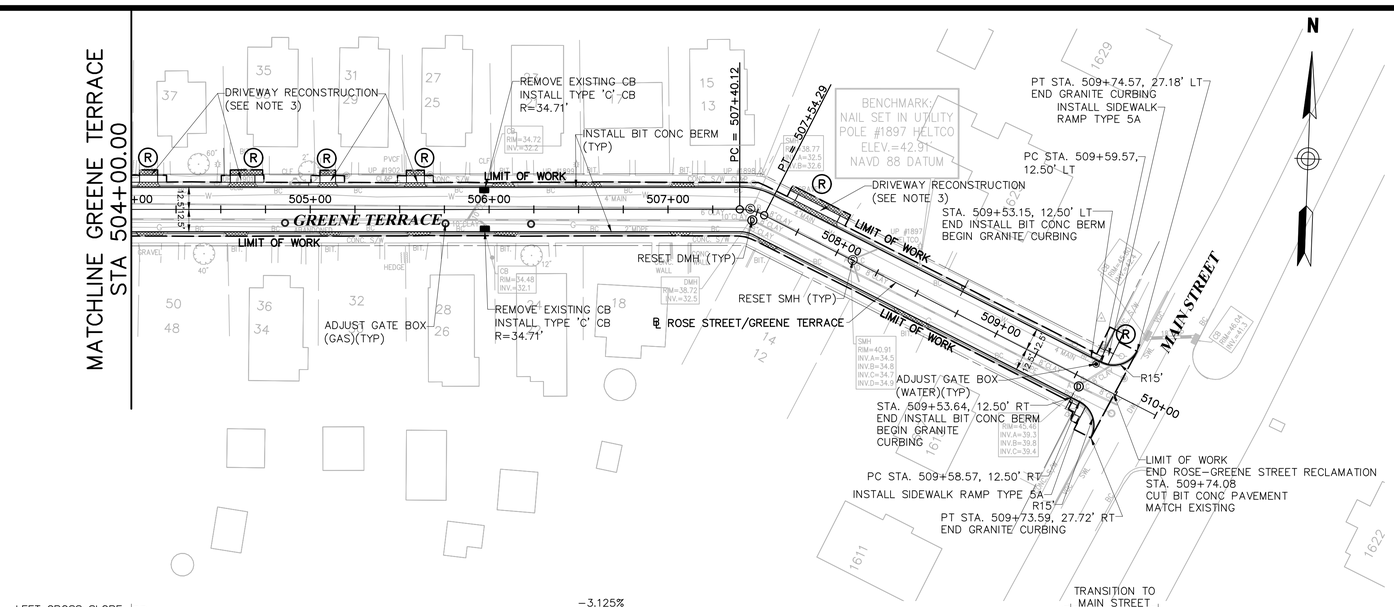
vhb
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

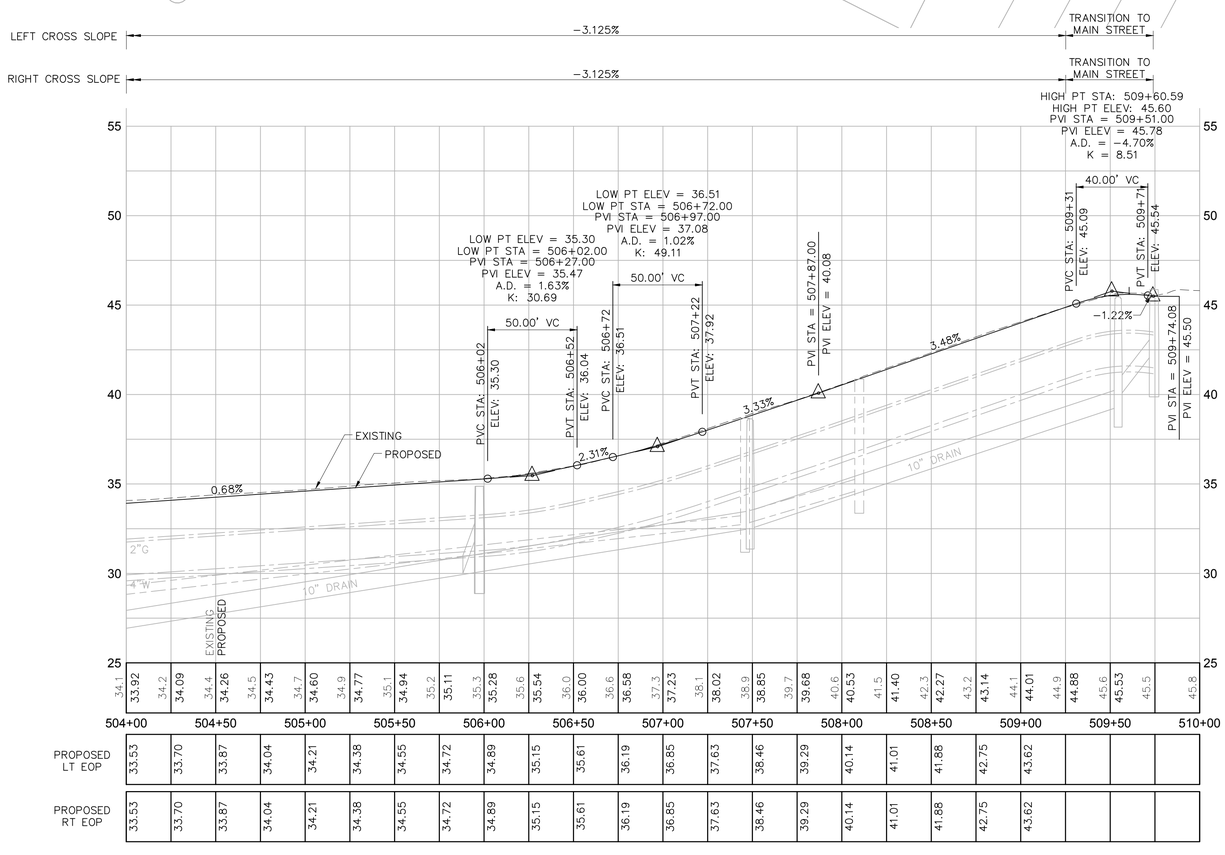
PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS
CADD FILENAME: PLN-ROSE-GREENE-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT
DRAWING TITLE: CONSTRUCTION PLAN ROSE STREET - GREENE TERRACE

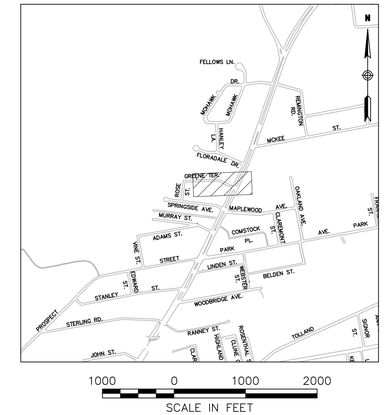
PROJECT NO.: 42215.00
DRAWING NO.: PLN-18
SHEET NO.: XX OF XX

Jan 30, 2017





KEY MAP



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SCALE IN FEET

LEGEND

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

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SCALE IN FEET

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

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-ROSE-GREENE-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

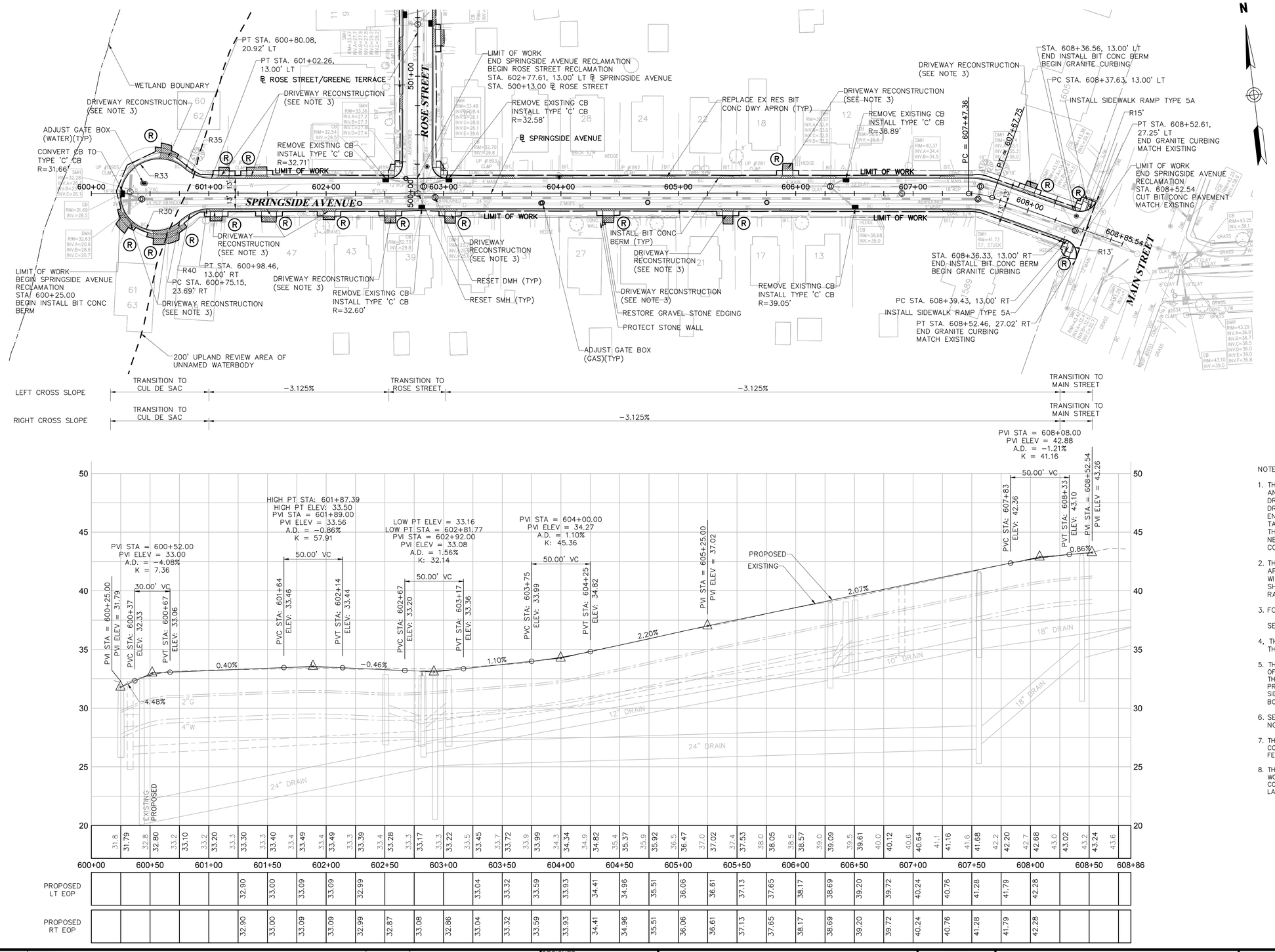
DRAWING TITLE: CONSTRUCTION PLAN ROSE STREET - GREENE TERRACE

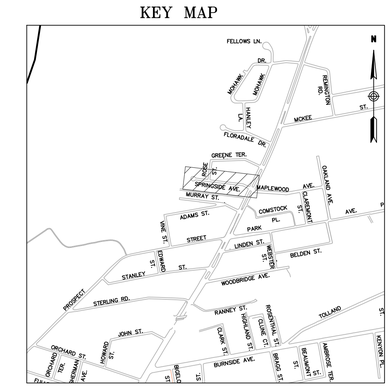
PROJECT NO.: 42215.00

DRAWING NO.: PLN-19

SHEET NO.: XX OF XX

Jan 30, 2017





LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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DESIGNER: JRE
DRAFTER: JRE
CHECKED BY: BAA
APPROVED BY: SON

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-SPRINGSIDE-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

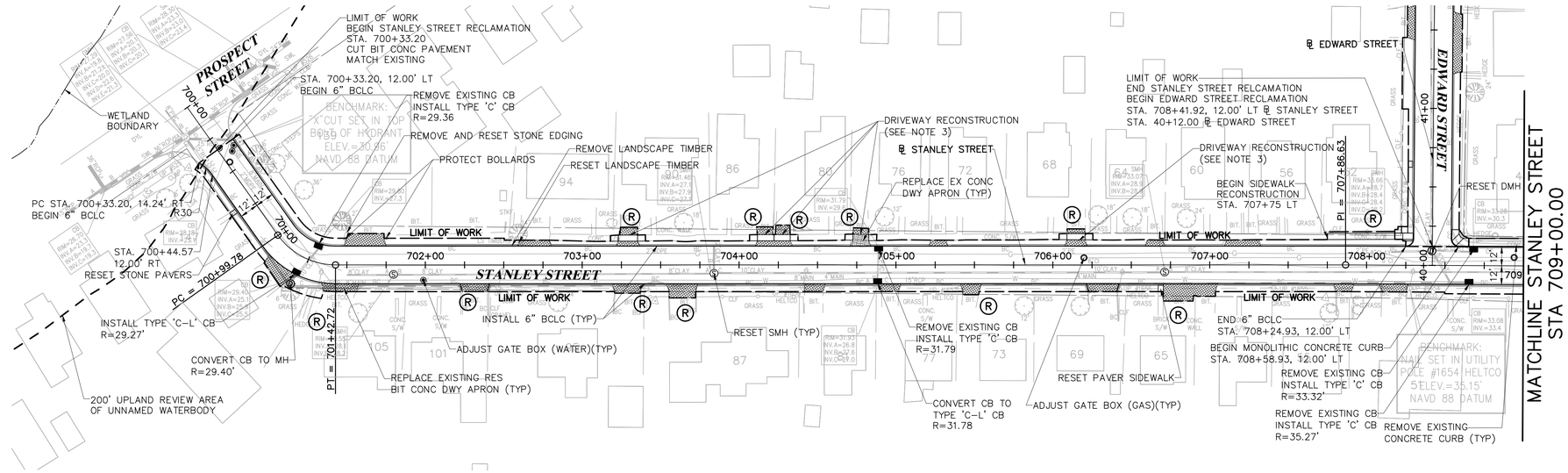
DRAWING TITLE: CONSTRUCTION PLAN SPRINGSIDE AVENUE

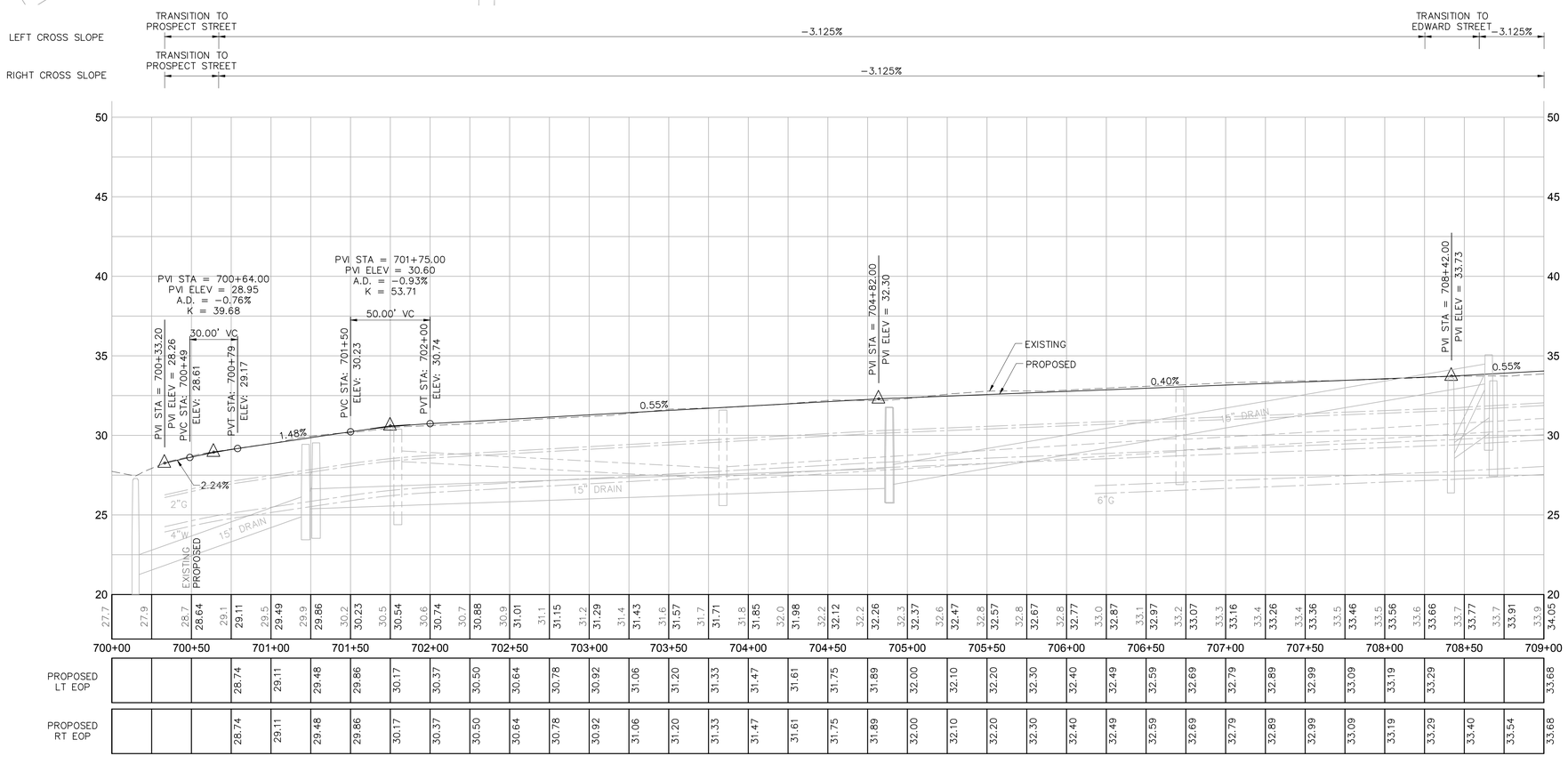
PROJECT NO.: 42215.00

DRAWING NO.: PLN-20

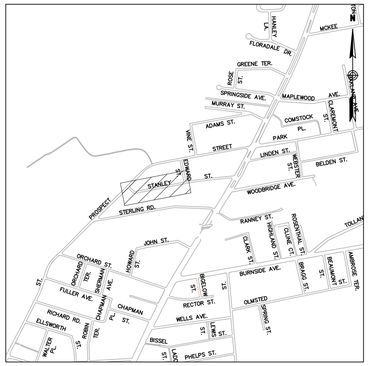
SHEET NO.: XX OF XX

Jan 30, 2017





KEY MAP



LEGEND

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Chairman: _____

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SCALE IN FEET

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

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

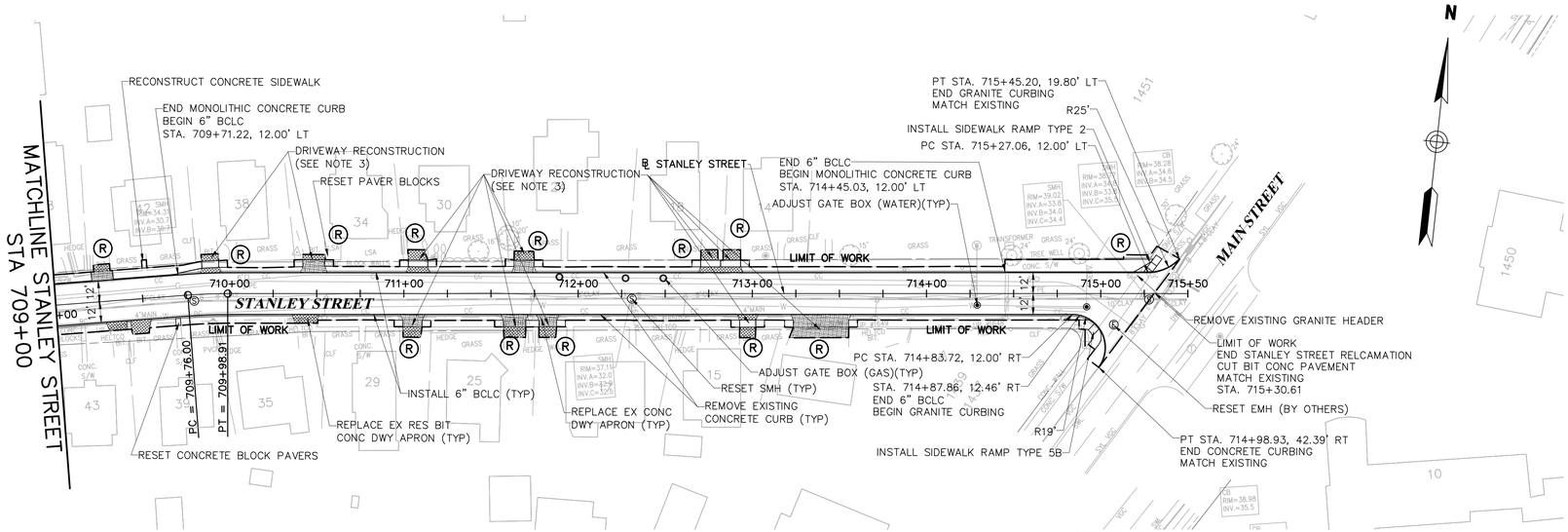
CADD FILENAME: PLN-STANLEY-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN STANLEY STREET

PROJECT NO.: 42215.00
DRAWING NO.: PLN-21
SHEET NO.: XX OF XX

Jan 30, 2017



KEY MAP

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SCALE IN FEET

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
- REPLACE EX COMM BIT CONC DWY APRON
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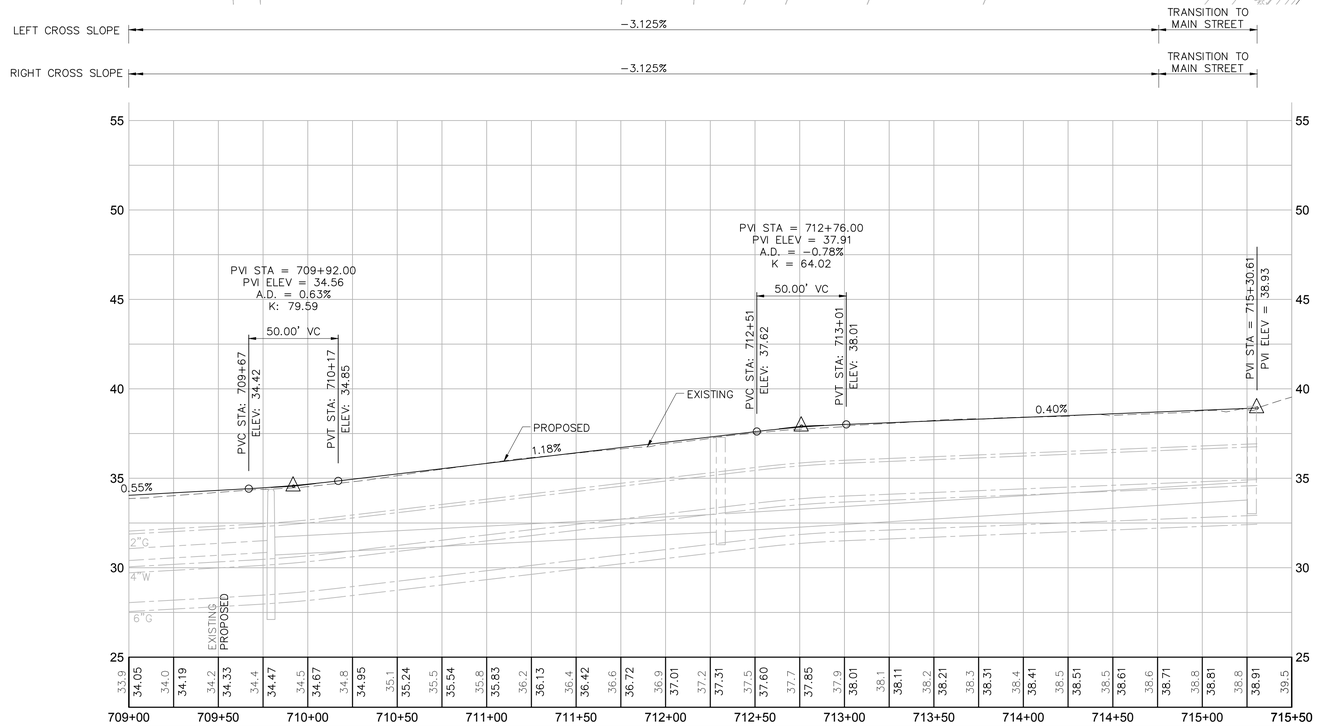

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PROPOSED LT EOP	33.68	33.81	33.95	34.10	34.30	34.58	34.87	35.17	35.46	35.76	36.05	36.35	36.64	36.94
PROPOSED RT EOP	33.68	33.82	33.95	34.10	34.30	34.58	34.87	35.17	35.46	35.76	36.05	36.35	36.64	36.94

	709+00	709+50	710+00	710+50	711+00	711+50	712+00	712+50	713+00	713+50	714+00	714+50	715+00	715+50
PROPOSED LT EOP	37.23	37.48	37.64	37.74	37.84	37.94	38.04	38.14	38.24	38.33				
PROPOSED RT EOP	37.23	37.48	37.64	37.74	37.84	37.94	38.04	38.14	38.24	38.34				

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

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

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

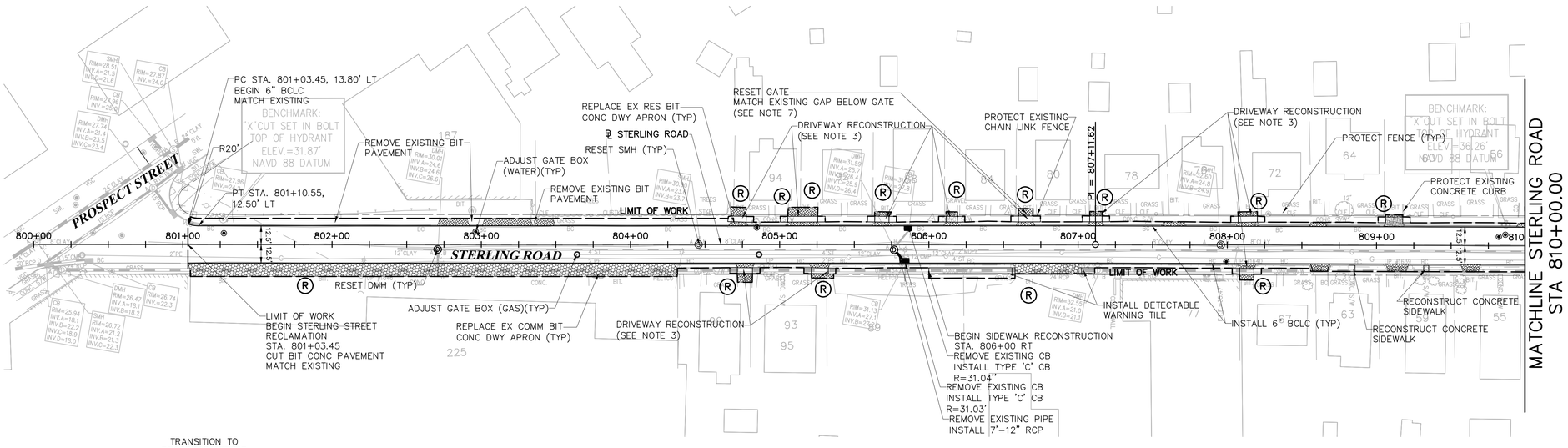
CADD FILENAME: PLN-STANLEY-4221500.DWG

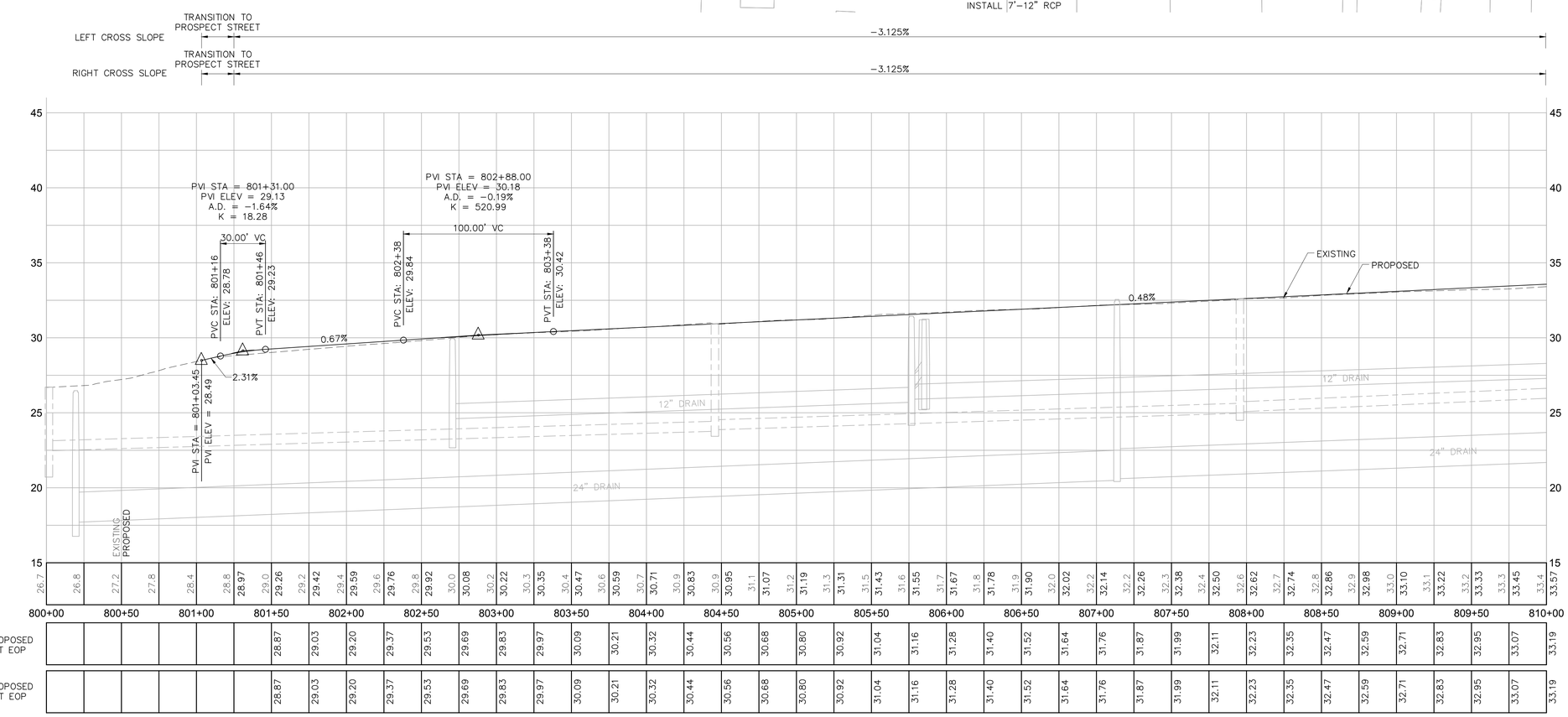
TOWN: EAST HARTFORD, CONNECTICUT

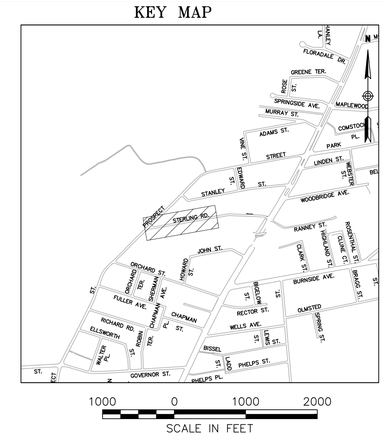
DRAWING TITLE:
CONSTRUCTION PLAN
STANLEY STREET

PROJECT NO.: 42215.00
DRAWING NO.: PLN-22
SHEET NO.: XX OF XX

Jan 30, 2017







LEGEND

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Chairman: _____

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SCALE IN FEET

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

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

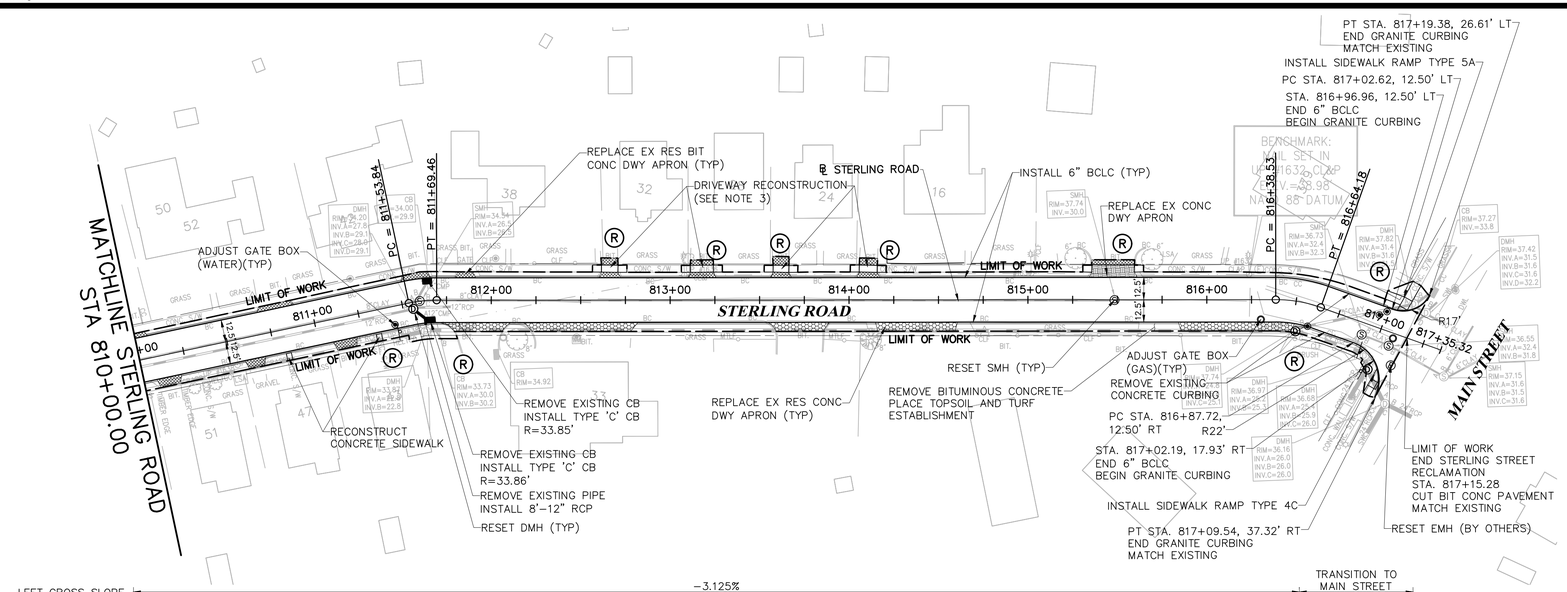
CADD FILENAME: PLN-STERLING-4221500.DWG

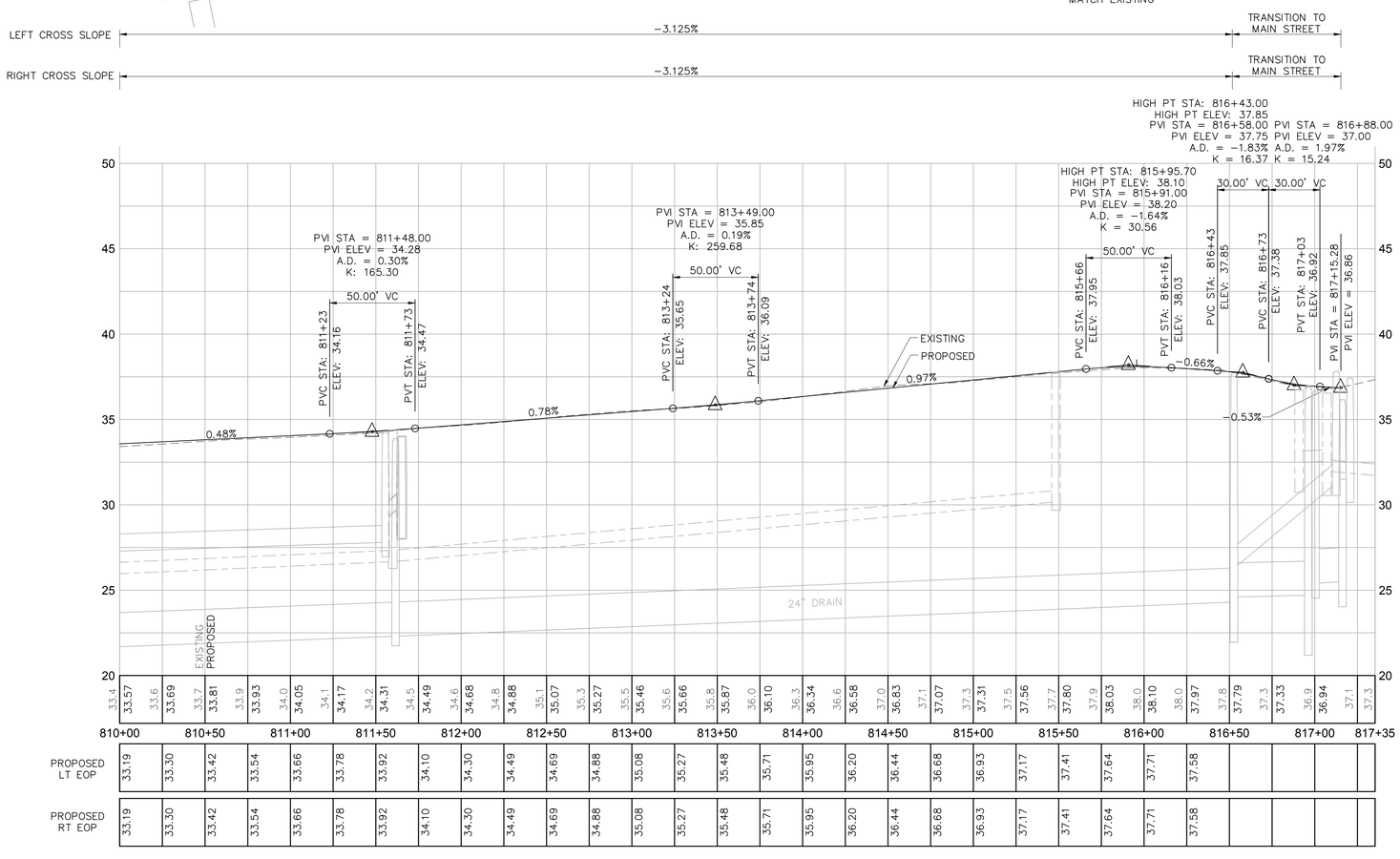
TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
STERLING ROAD

PROJECT NO.: 42215.00
DRAWING NO.: PLN-23
SHEET NO.: XX OF XX

Jan 30, 2017





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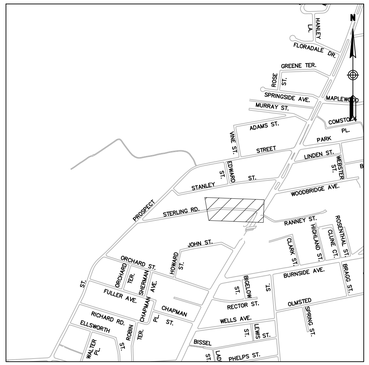

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SCALE IN FEET

LEGEND

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vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-STERLING-4221500.DWG

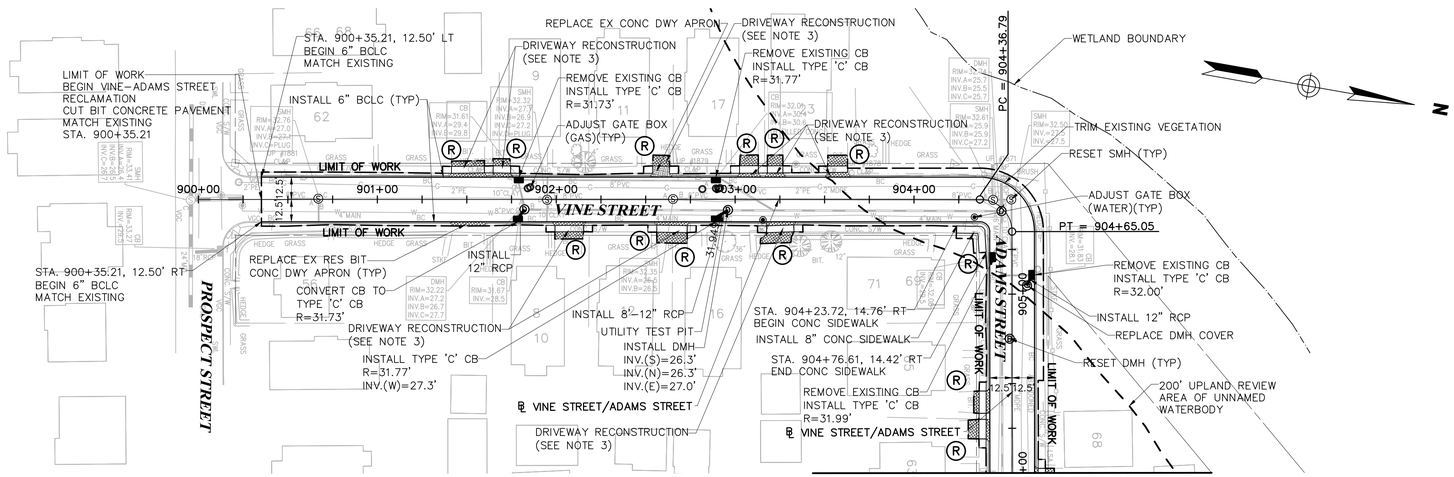
TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN STERLING ROAD

PROJECT NO.: 42215.00

DRAWING NO.: PLN-24

SHEET NO.: XX OF XX



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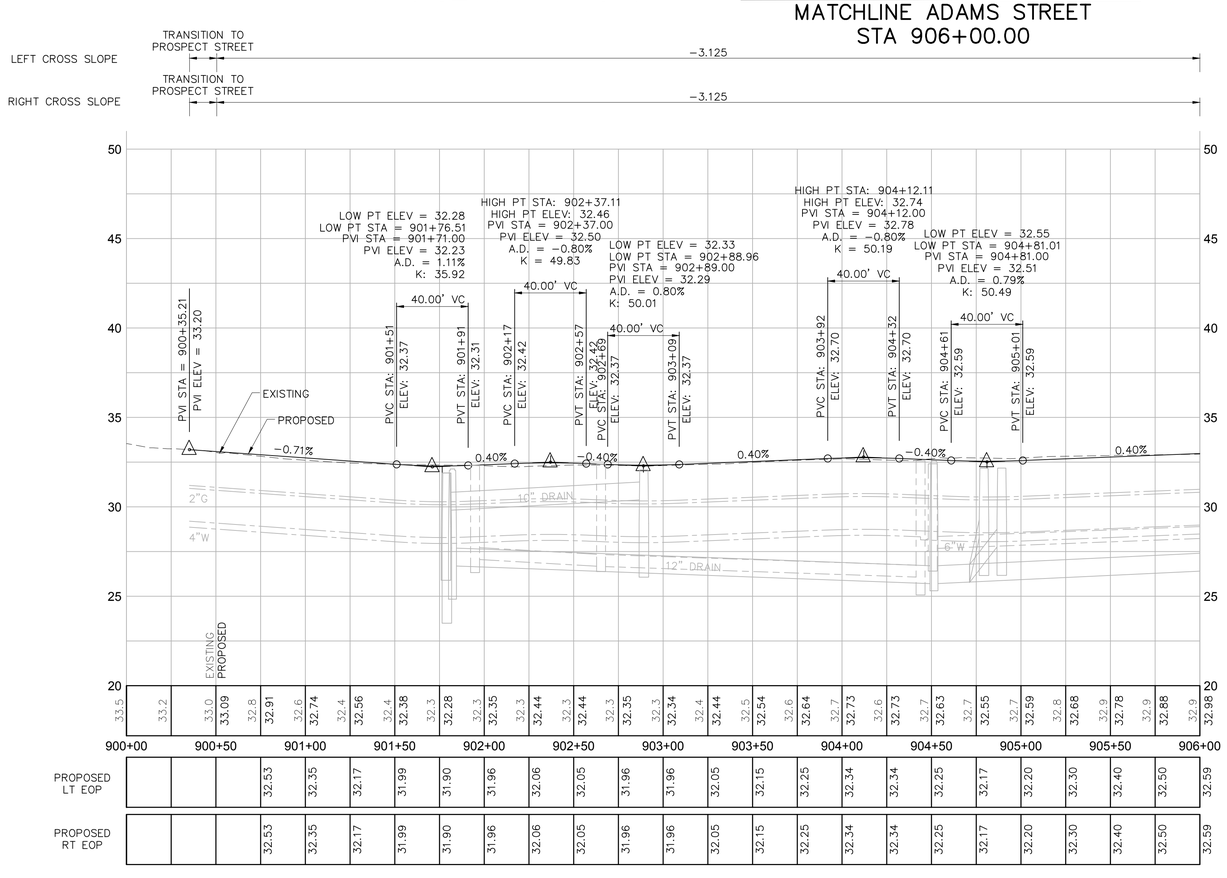

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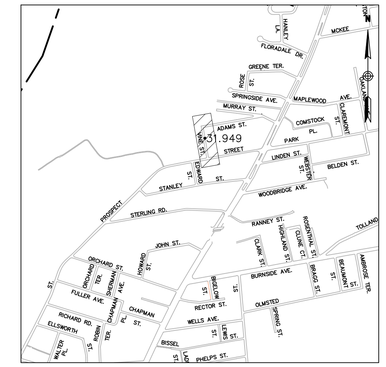

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SCALE IN FEET

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
- REPLACE EX COMM BIT CONC DWY APRON
- REPLACE EX CONC DWY APRON
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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

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

vhb Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

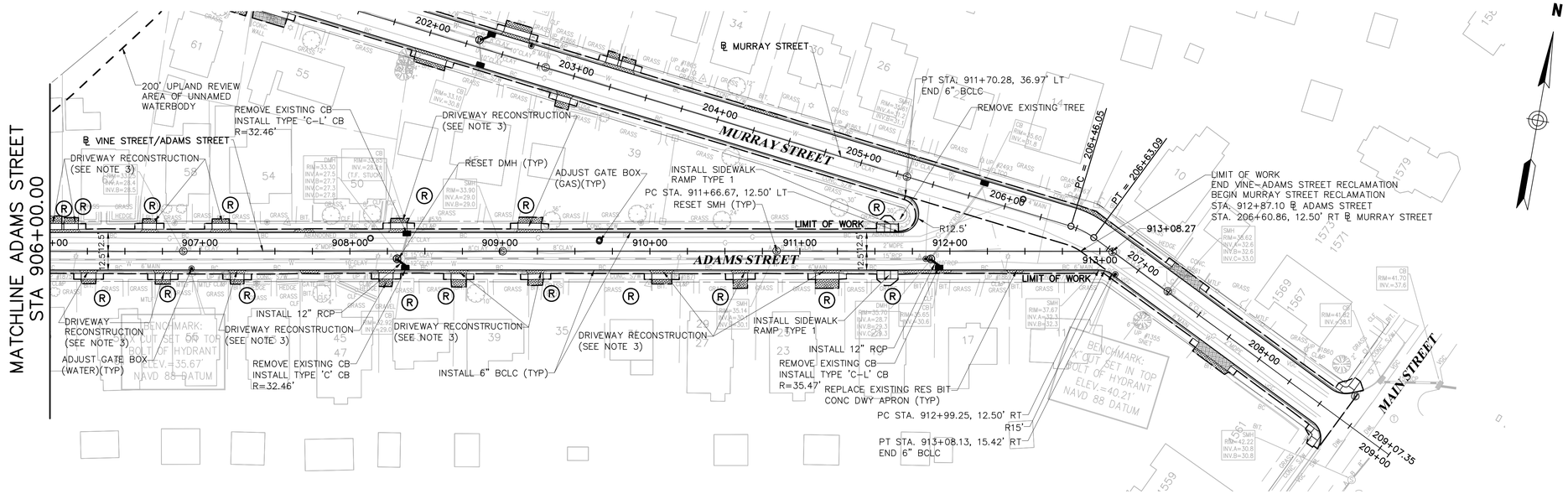
PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

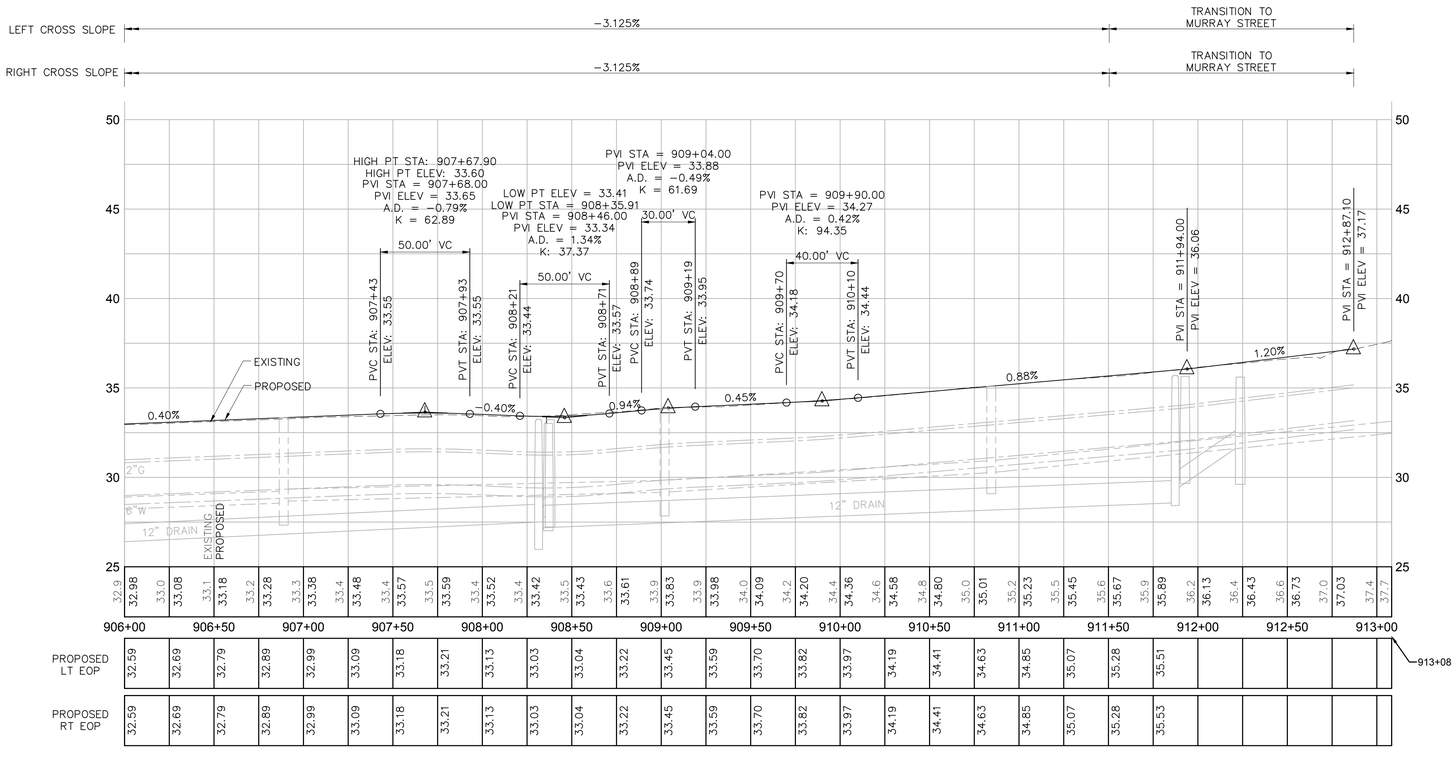
CADD FILENAME: PLN-VINE-ADAMS-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN VINE STREET

PROJECT NO.: 42215.00
DRAWING NO.: PLN-25
SHEET NO.: XX OF XX





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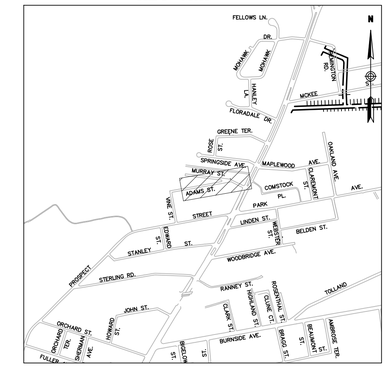

LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

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

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-VINE-ADAMS-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

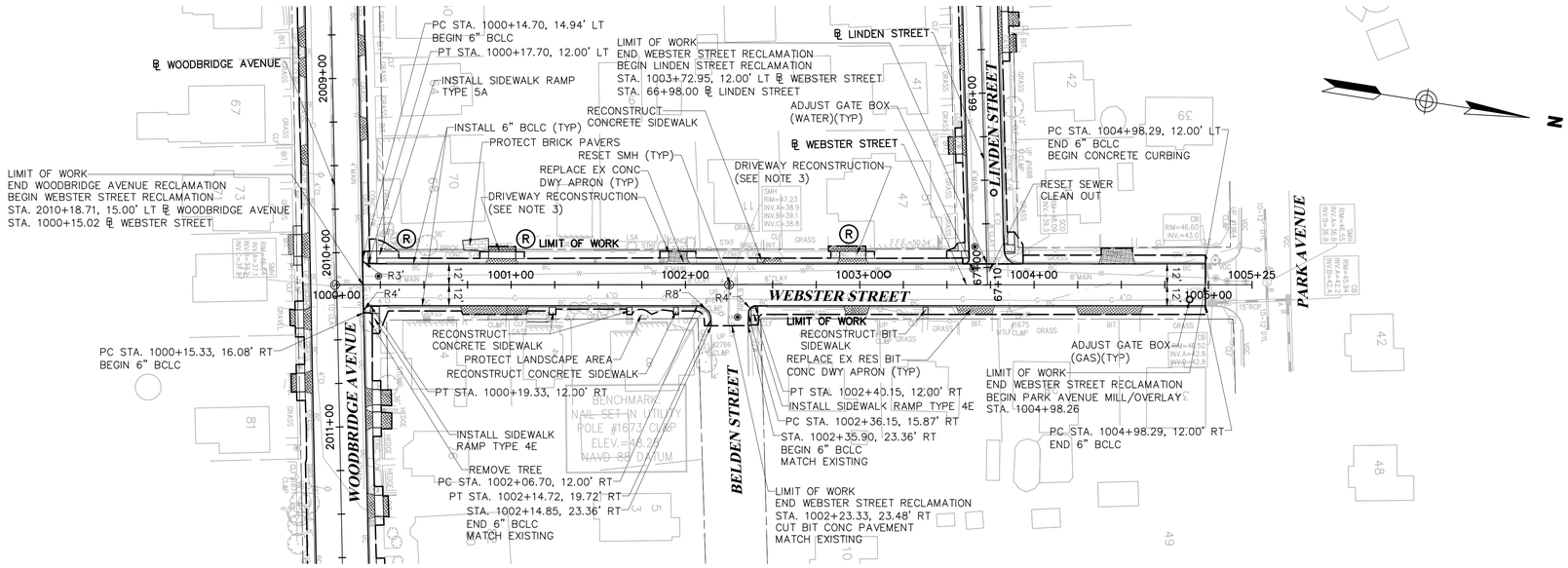
DRAWING TITLE: CONSTRUCTION PLAN ADAMS STREET

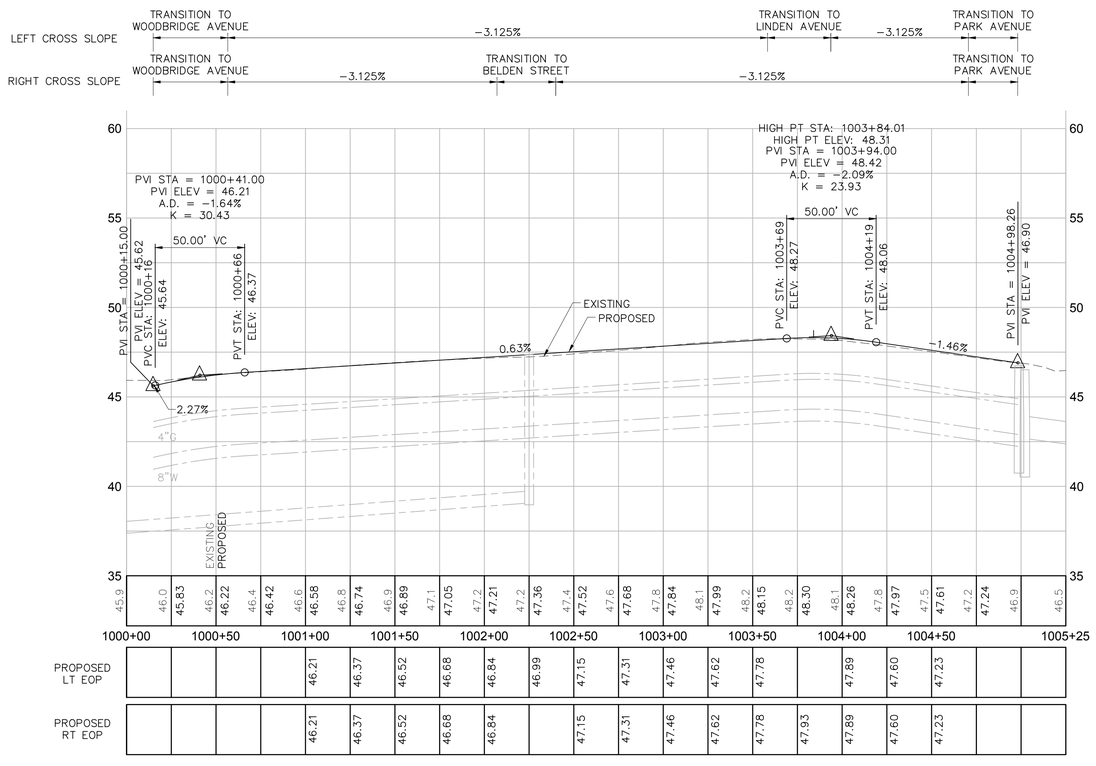
PROJECT NO.: 42215.00

DRAWING NO.: PLN-26

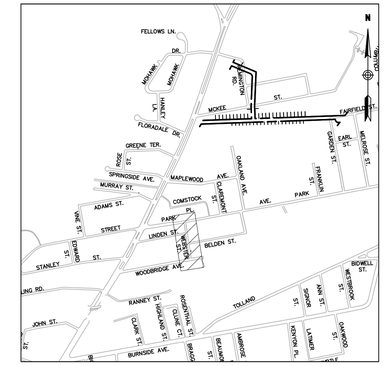
SHEET NO.: XX OF XX

Jan 30, 2017





KEY MAP



LEGEND

- REPLACE EX RES BIT CONC DWY APRON
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- (R) RIGHT OF ENTRY TO BE ACQUIRED (BY TOWN)

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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.
		REVISIONS	

40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

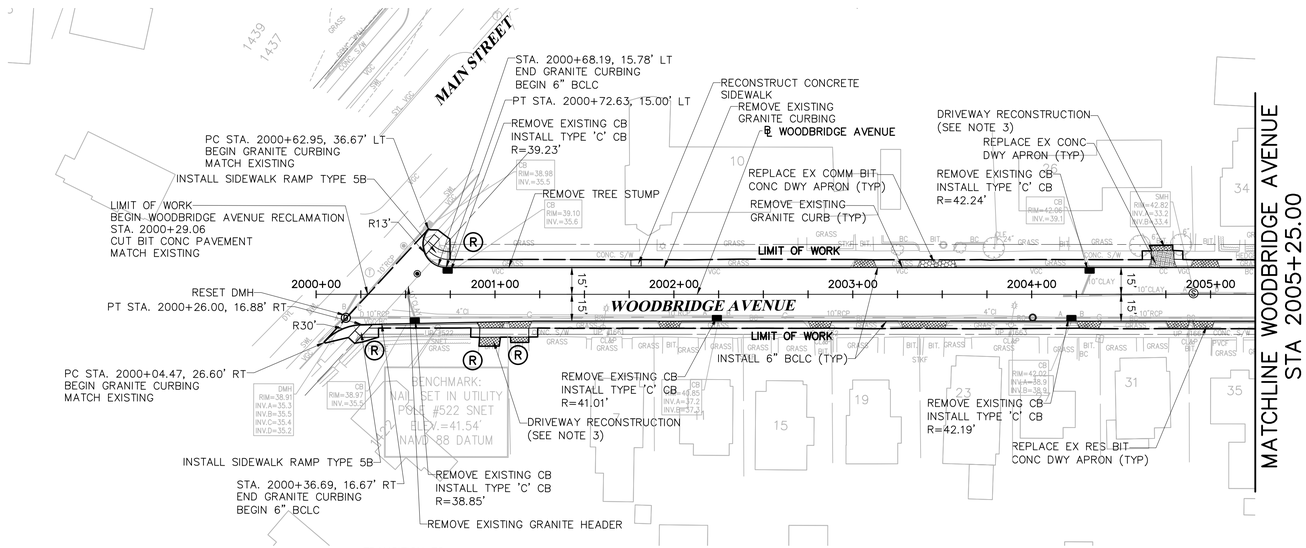
CADD FILENAME: PLN-WEBSTER-4221500.DWG

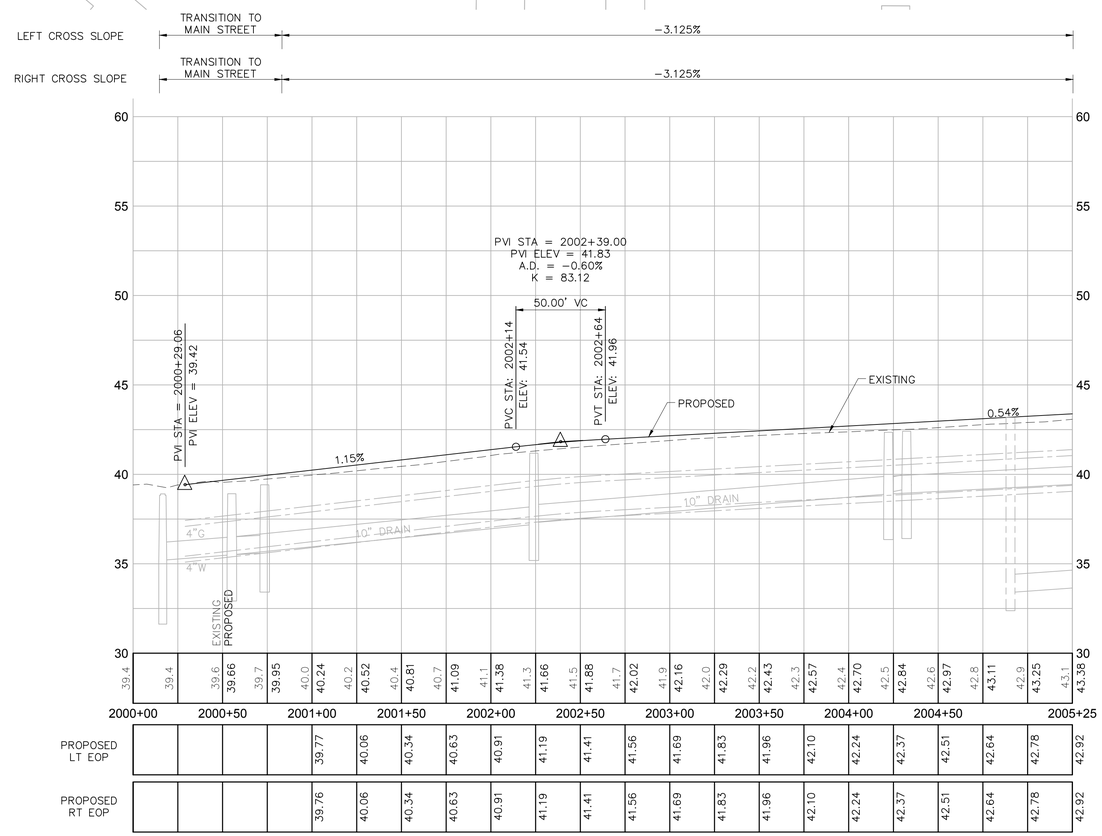
TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
WEBSTER STREET

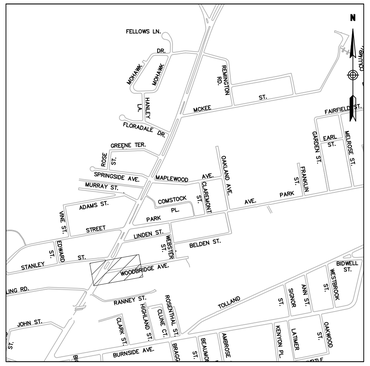
PROJECT NO.: 42215.00
DRAWING NO.: PLN-27
SHEET NO.: XX OF XX

Jan 30, 2017





KEY MAP



LEGEND

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40 0 40
SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

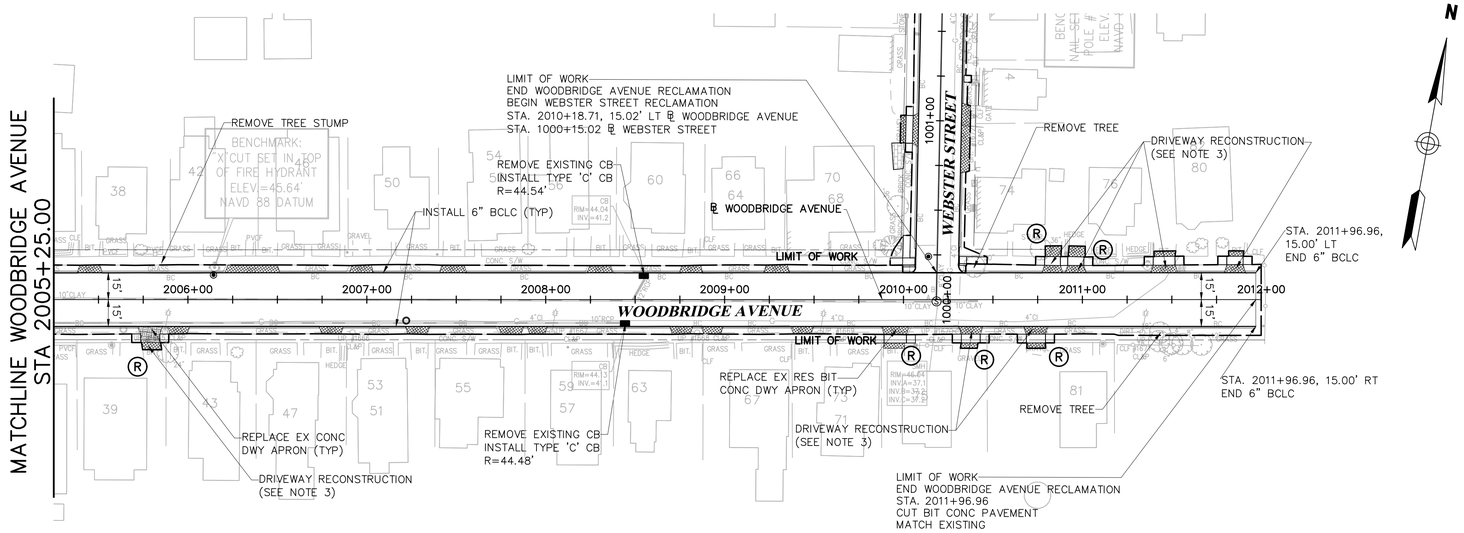
PROJECT TITLE: 2017 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: PLN-WOODBRIDGE-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE: CONSTRUCTION PLAN WOODBRIDGE AVENUE

PROJECT NO.: 42215.00
DRAWING NO.: PLN-28
SHEET NO.: XX OF XX



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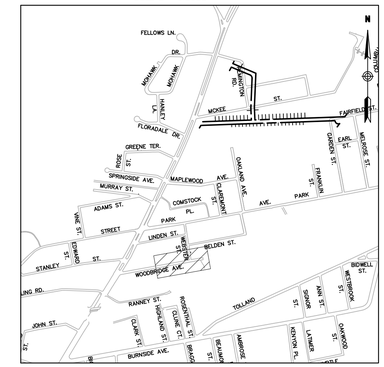

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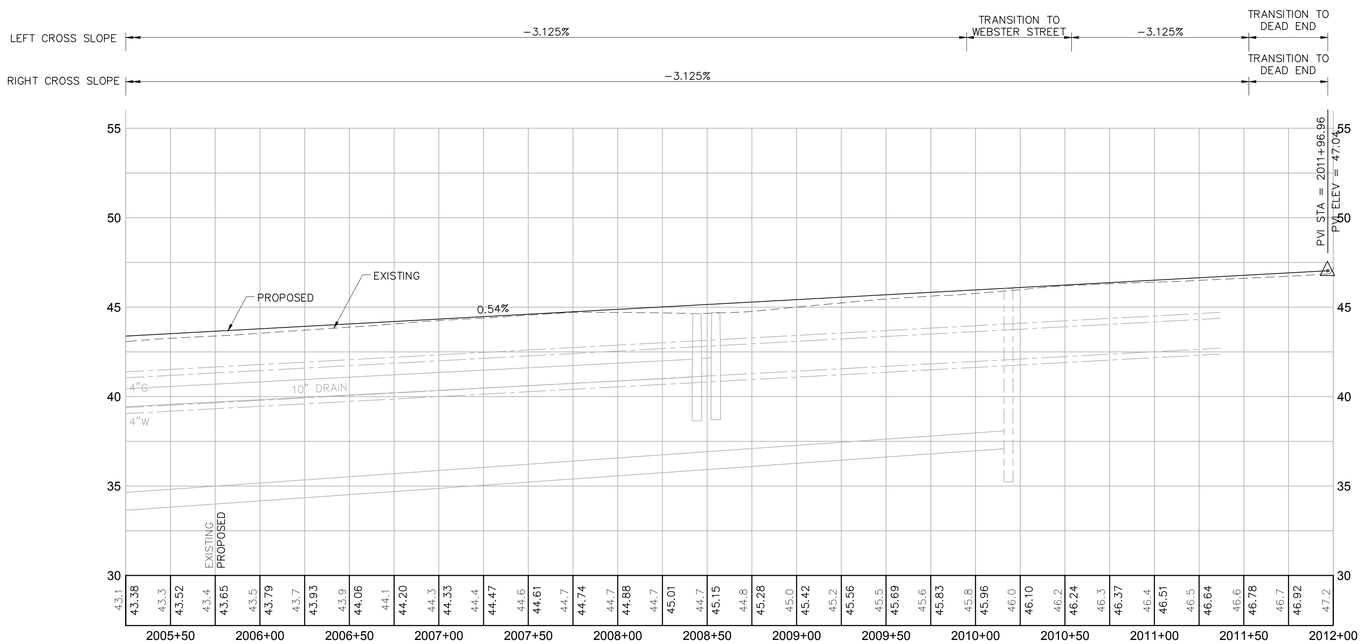

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SCALE IN FEET

DESIGNER: EAN
DRAFTER: JE
CHECKED BY: BAA
APPROVED BY: SON

vhb
Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: JANUARY 20, 2017

TOWN OF EAST HARTFORD CONNECTICUT

PROJECT TITLE:
2017 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

CADD FILENAME: PLN-WOODBRIDGE-4221500.DWG

TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
WOODBRIDGE AVENUE

PROJECT NO.: 42215.00
DRAWING NO.: PLN-29
SHEET NO.: XX OF XX

Jan 30, 2017