

2018 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

November 29, 2017



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1	Site Location Map
2	Site Location Map
3	Site Location Map

Attachments

Attachments	Description
A	Application for Soil-Erosion and Sedimentation Control
B	Project Roadway List
C	Drawings - Soil Erosion and Sedimentation Control Plan Set (Reduced Size)



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 13 roads in three different locations within East Hartford as part of the Town's comprehensive roadway improvement project plan for 2018. These roads are:

- Birdie Lane,
- Bunker Lane;
- Chipper Drive;
- Driver Road;
- Fairway Court;
- Forbes Street;
- Hudson Street;
- Martin Circle;
- Morris Court
- Olde Roberts Street
- Oliva Court;
- Primrose Drive
- Shady Lane.

The Soil-Erosion and Sedimentation Control application applies to all of the *2018 Roadway Improvement Project* roads. The proposed roadway improvements will generally consist of reconstruction, pavement reclamation to a depth of approximately 12" and overlay paving. Other activities will include: 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 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. A new closed drainage system will be install on Olde Roberts Street which will tie into an existing trunk line that crosses at the southern section of the roadway. 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 13 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 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 2018 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.

Forbes Street, Chipper Drive and Neighborhood Streets

The Project Area at Forbes Street also includes Chipper Drive, Birdie Lane, Bunker Lane, Driver Road, Fairway Court, Hudson Street, Morris Court, Olde Roberts Street and Oliva Court and is depicted on Figure 1.



Shady Lane and Primrose Drive

This Project Area consists of two roads, Shady Lane and Primrose Drive and is depicted as Figure 2.

Martin Circle

This Project Area consists of Martin Circle and is depicted on Figure 3.

Proposed Activities

The applicant proposes reconstruction, reclamation and overlay to approximately 11,417 linear feet of residential roadways throughout the Town of East Hartford, Connecticut in 2018. The Soil-Erosion and Sedimentation Control Application applies to all 13 roads that are part of the *2018 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", and overlay paving. Other activities will include: 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 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

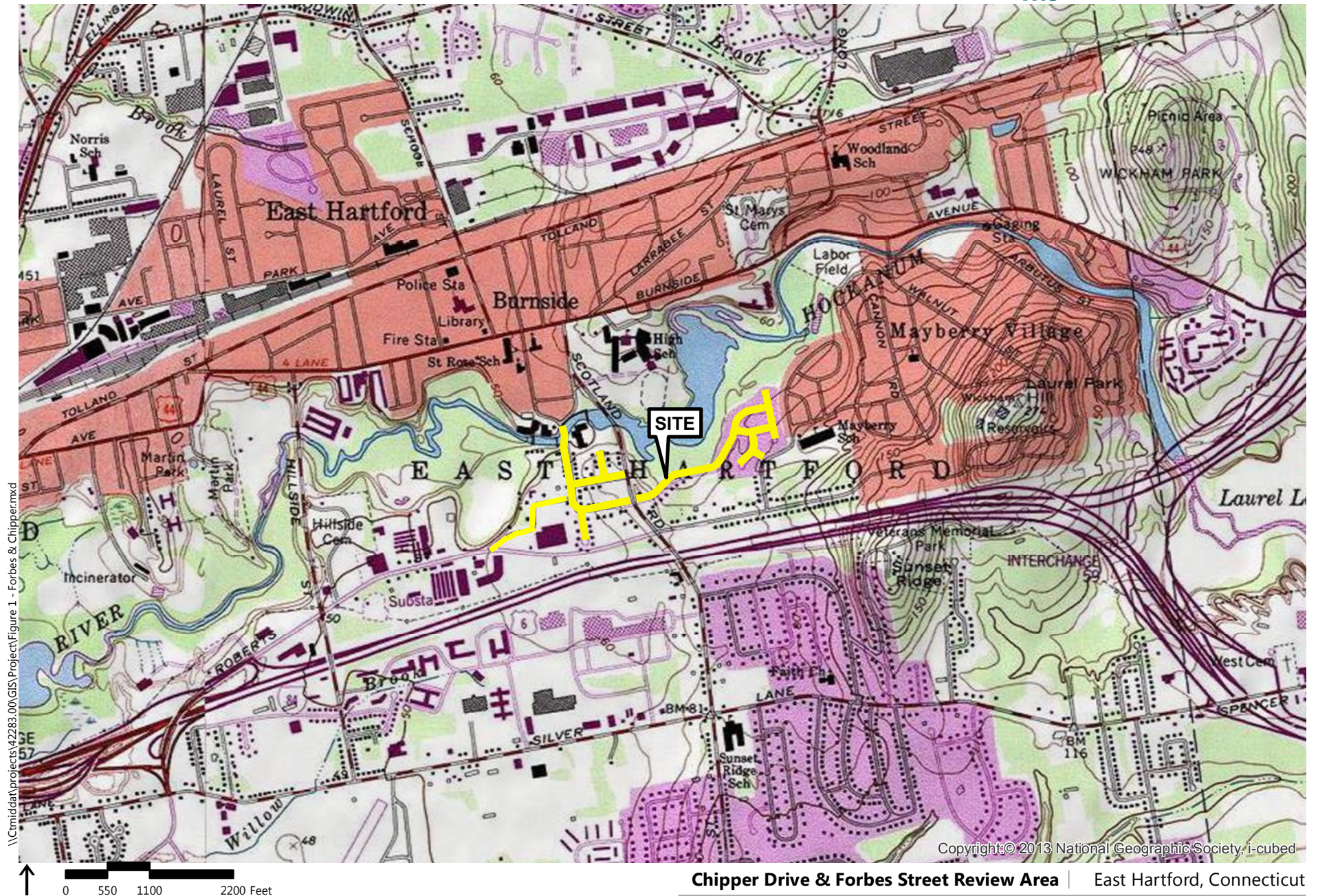


silt fence installation and protection of existing catch basins. However, the nature of much of the proposed work will contain construction activities within the existing roadway surface thereby minimizing the risk of erosion and transport of sediments to surrounding properties and sensitive wetland 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.

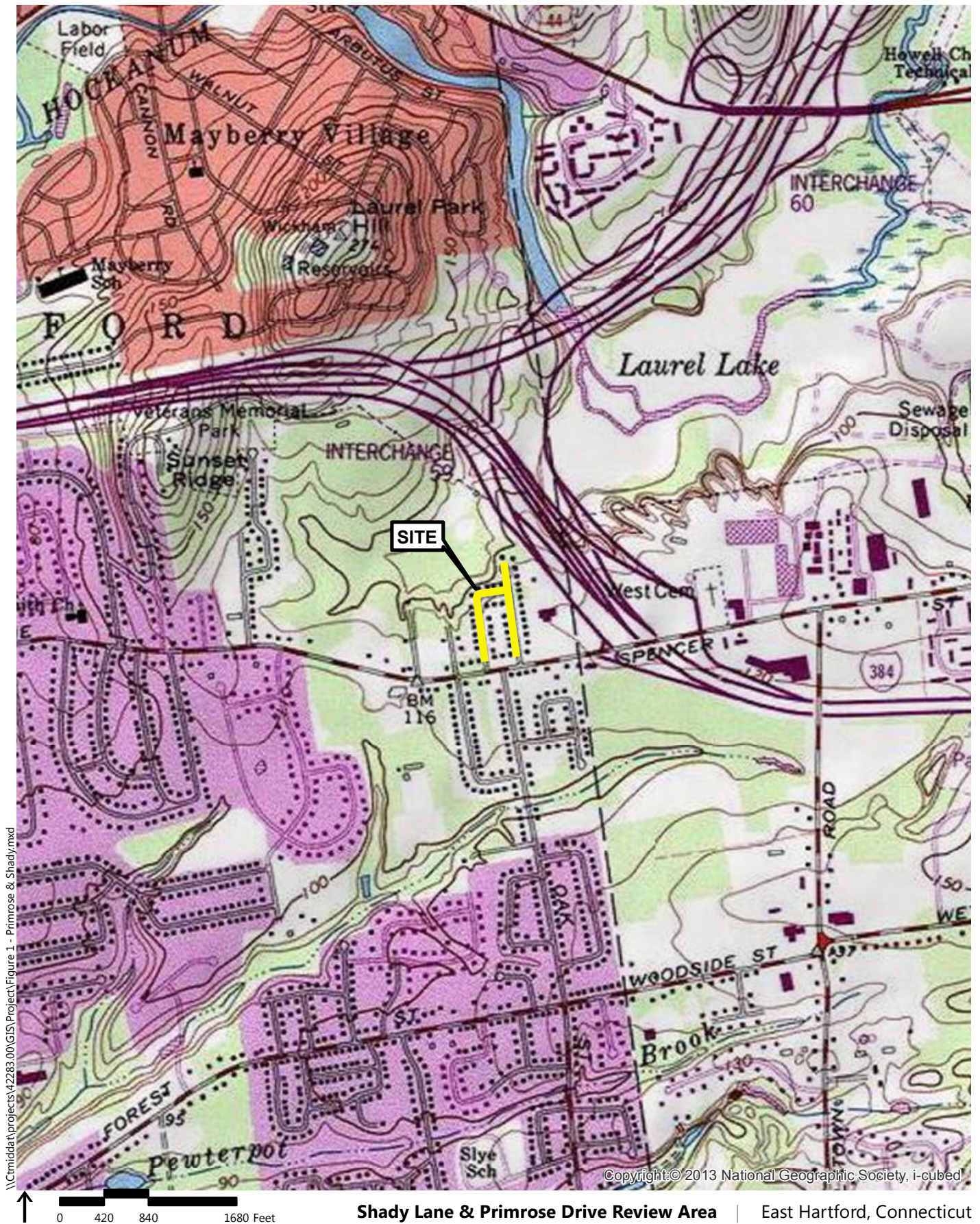
The Town of East Hartford Public Works Department respectfully requests that the East Hartford Planning and Zoning Commission find this proposal adequately protective of the interests of the Zoning Regulations and issue a Soil-Erosion and Sedimentation Control permit for the project.



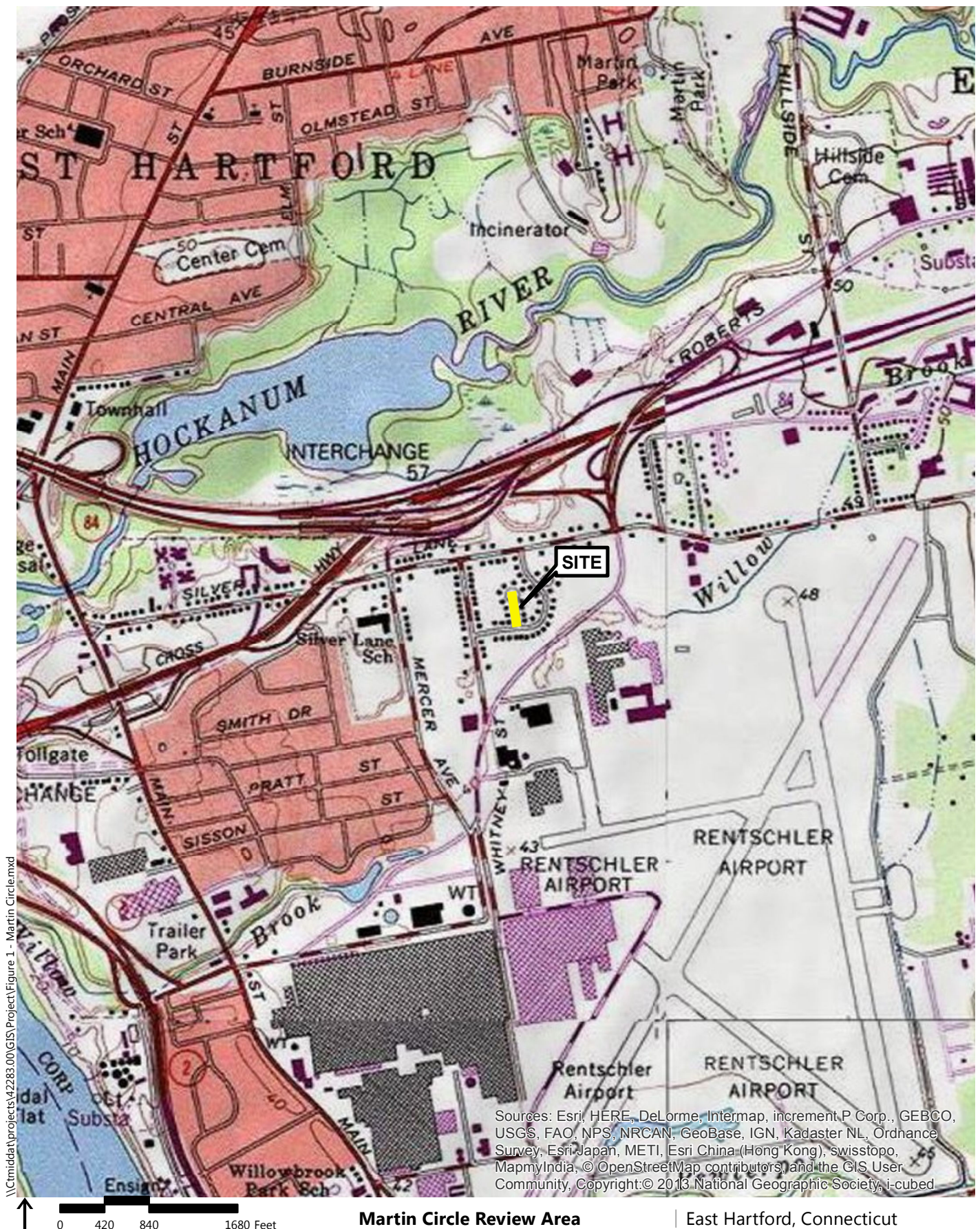
Figures



**USGS Topographic Map
2018 Roadway Improvement Design
East Hartford, Connecticut**



USGS Topographic Map
2018 Roadway Improvement Design
East Hartford, Connecticut



**USGS Topographic Map
2018 Roadway Improvement Design
East Hartford, Connecticut**



Attachment A: Application for Soil-Erosion and Sedimentation Control

**EAST HAM
ZONING
CATION**

Official Receipt Date:

*** COMPLETE SECTION ON PAGE 2 OR 3**

☐ SITE PLAN APPLICATION
 ☐ NATURAL RESOURCES REMOVAL AND FILLING
☐ SITE PLAN MODIFICATION
 ☐ SPECIAL USE PERMIT*
☐ FLOOD HAZARD – MAJOR*
 ☐ ZONING MAP CHANGE*
☐ FLOOD HAZARD – MINOR*
 ☐ TEXT AMENDMENT*
☒ SOIL EROSION AND SEDIMENTATION - Cumulative disturbed area (sq. ft.): 455,960 SF

2. SITE AND PROJECT INFORMATION

PROPERTY ADDRESS: Various Roadways

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

PROJECT NAME: 2018 Roadway Improvement Project

PROJECT DESCRIPTION (ATTACH ADDITIONAL SHEETS IF NEEDED):

Reconstruction, reclamation, 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.

☐ CHECK IF PRIMARY CONTACT

OWNER OF RECORD: Town of East Hartford

OWNER ADDRESS: 740 Main Street, East Hartford, CT

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

OWNER SIGNATURE: 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.

☐ CHECK IF PRIMARY CONTACT☒ CHECK IF APPLICANT IS SAME AS PROPERTY OWNER

APPLICANT: _____

APPLICANT ADDRESS:

APPLICANT PHONE: _____ APPLICANT EMAIL: _____

APPLICANT SIGNATURE: _____ PRINT NAME: _____

☒ CHECK IF PRIMARY CONTACT

FIRM: VHB PHONE: 860-807-4342

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

■

Attachment B: 2018 Roadway Improvement Project Roadway List

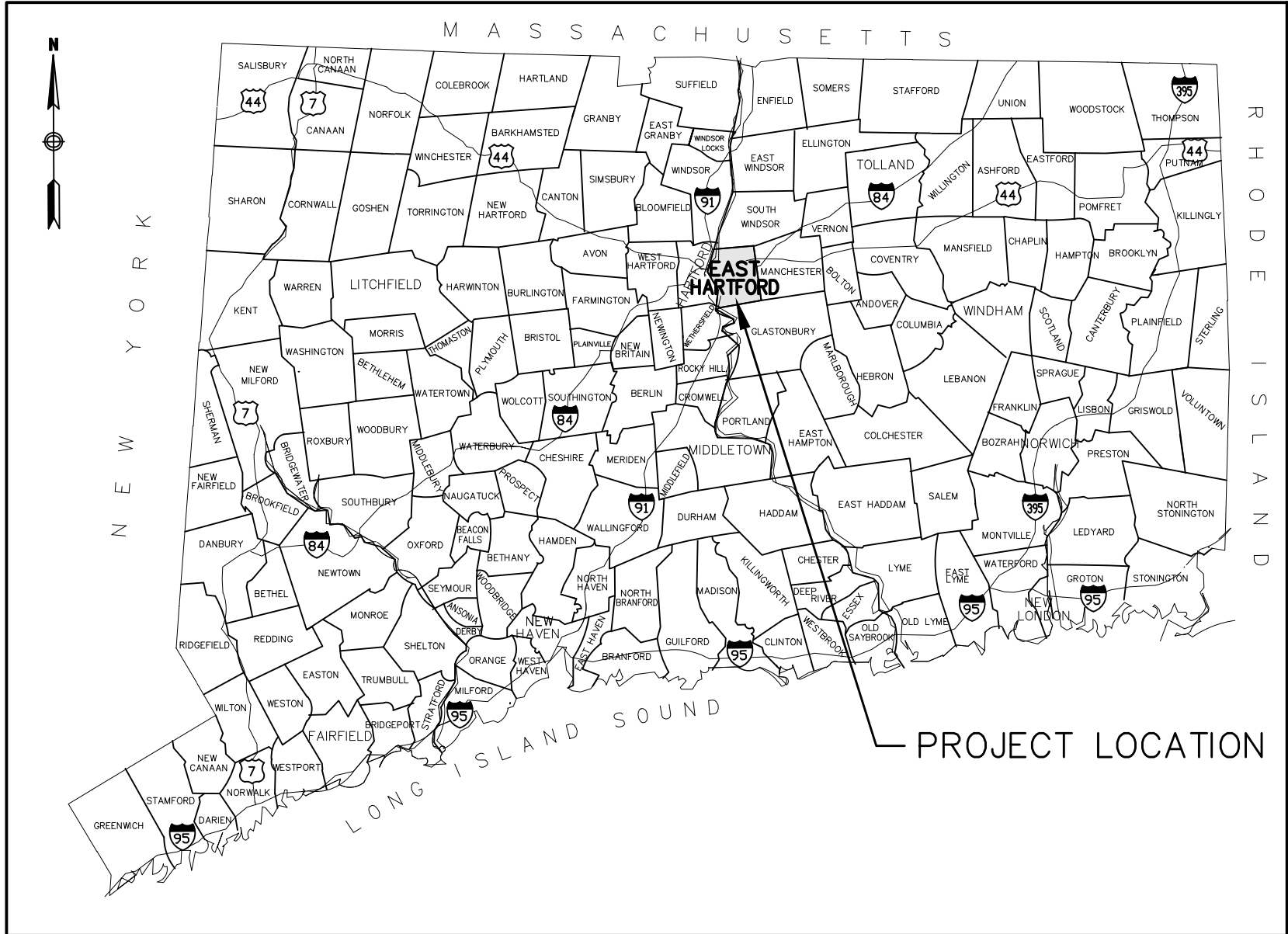
Registrant: Town of East Hartford
2018 Roadway Improvement Project
Roadway List

Project Roadway – Pavement Reclamation

Street Name	From	To	Length (LF)
Birdie Lane	Great Hill Road	Fairway Court	190
Bunker Lane	Chipper Drive	Driver Road	520
Chipper Drive	Scotland Road	Driver Road	2,340
Driver Road	Cul de Sac	Cul de Sac	702
Fairway Court	Bunker Lane	Cul de Sac	530
Forbes Street	Scotland Road	Bridge	1,700
Hudson Street	Forbes Street	Scotland Road	775
Martin Circle	Warren Drive	Cul de Sac	410
Morris Court	Forbes Street	Cul de Sac	460
Olde Roberts Street	Roberts Street	Forbes Street	1,470
Oliva Court	Hudson Street	Cul de Sac	365
Primrose Drive	Silver Lane	Shady Lane	985
Shady Lane	Silver Lane	Cul de Sac	970

■

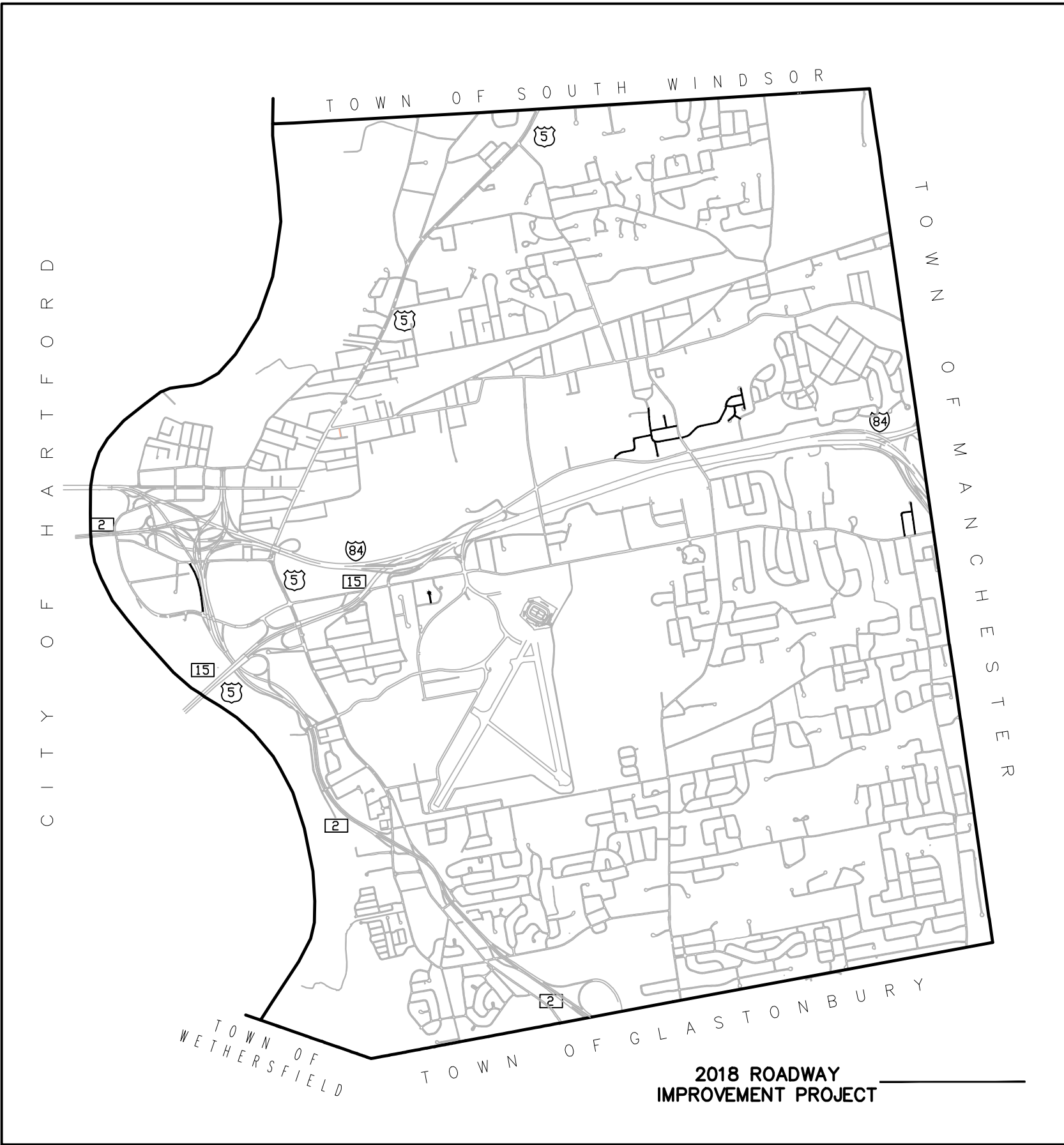
**Attachment C:
Drawings - Soil Erosion and
Sedimentation Control Plan Set (Reduced
Size)**



LOCATION MAP

PLANS FOR:
TOWN OF EAST HARTFORD
2018 ROADWAY
IMPROVEMENT PROJECT

PROJECT AREA:
VARIOUS LOCATIONS
IN THE
TOWN OF EAST HARTFORD, CONNECTICUT
NOVEMBER 28, 2017



PROJECT ROADWAY MAP



LIST OF ROADWAYS (STRUCTURAL IMPROVEMENTS)			
STREET NAME	BEGIN STREET	END STREET	STREET CLASS
BIRDIE LANE	GREAT HILL ROAD	FAIRWAY COURT	LOCAL
BUNKER LANE	CHIPPER DRIVE	DRIVER ROAD	LOCAL
CHIPPER DRIVE	SCOTLAND ROAD	DRIVER ROAD	LOCAL
DRIVER ROAD	CUL-DE-SAC	CUL-DE-SAC	LOCAL
FAIRWAY COURT	BUNKER LANE	CUL-DE-SAC	LOCAL
FORBES STREET	SCOTLAND ROAD	BRIDGE	LOCAL
HUDSON STREET	FORBES STREET	SCOTLAND ROAD	LOCAL
MARTIN CIRCLE	WARREN DRIVE	CUL-DE-SAC	LOCAL
MORRIS COURT	FORBES STREET	CUL-DE-SAC	LOCAL
OLDE ROBERTS STREET	ROBERTS STREET	FORBES STREET	LOCAL
OLIVA COURT	HUDSON STREET	CUL-DE-SAC	LOCAL
PRIMROSE DRIVE	SILVER LANE	SHADY LANE	LOCAL
SHADY LANE	SILVER LANE	CUL-DE-SAC	LOCAL

DWG. NO.	TITLE	SHEET NO.
TLS-1	TITLE SHEET	XXX
GNA-1	LEGEND, ABBREVIATIONS, & GENERAL NOTES	XXX
EST-XX TO EST-XX	DETAILED ESTIMATE SHEETS	XXX
MDS-01 TO MDS-25	MISCELLANEOUS DETAILS	XXX
TYP-01 TO TYP-04	TYPICAL SECTIONS	XXX
EXT-01 TO EXT-14	EXISTING CONDITIONS PLANS	XXX
BLP-01 TO BLP-14	BASELINE LAYOUT PLANS	XXX
CTR-XX TO CTR-XX	CONTROL POINT TIE PLANS	XXX
TIE-XX TO TIE-XX	CURB TIE PLANS	XXX
PLN-01	BIRDIE LANE - PLAN AND PROFILE	XXX
PLN-02	BUNKER LANE - PLAN AND PROFILE	XXX
PLN-03 TO PLN-05	CHIPPER DRIVE - PLAN AND PROFILE	XXX
PLN-06	DRIVER ROAD - PLAN AND PROFILE	XXX
PLN-07	FAIRWAY COURT - PLAN AND PROFILE	XXX
PLN-08 TO PLN-09	FORBES STREET - PLAN AND PROFILE	XXX
PLN-10	HUDSON STREET - PLAN AND PROFILE	XXX
PLN-11	MARTIN CIRCLE - PLAN	XXX
PLN-12	MORRIS COURT - PLAN AND PROFILE	XXX
PLN-13 TO PLN-14	OLDE ROBERTS STREET - PLAN AND PROFILE	XXX
PLN-15	OLIVA COURT - PLAN AND PROFILE	XXX
PLN-16 TO PLN-17	PRIMROSE DRIVE - PLAN AND PROFILE	XXX
PLN-18 TO PLN-19	SHADY LANE - PLAN	XXX
GRD-XX TO GRD-XX	INTERSECTION GRADING PLANS	XXX
SPM-01 TO SPM-15	SIGN AND PAVEMENT MARKING PLANS	XXX
DCP-XX TO DCP-XX	DRAINAGE SYSTEM CLEANING PLAN	XXX
CRO-001 TO CRO-090	CROSS SECTIONS	XXX

* NOT INCLUDED IN THIS SUBMISSION

** NOT ALL SHEETS INCLUDED IN THIS SUBMISSION

DEVELOPED FOR:
TOWN OF EAST HARTFORD
PUBLIC WORKS DEPARTMENT
740 Main Street
East Hartford, CT, 06108

DEVELOPED BY:



100 Great Meadow Road, Suite 200
Wethersfield, Connecticut 06109
860-807-4300 - FAX 860-372-4570

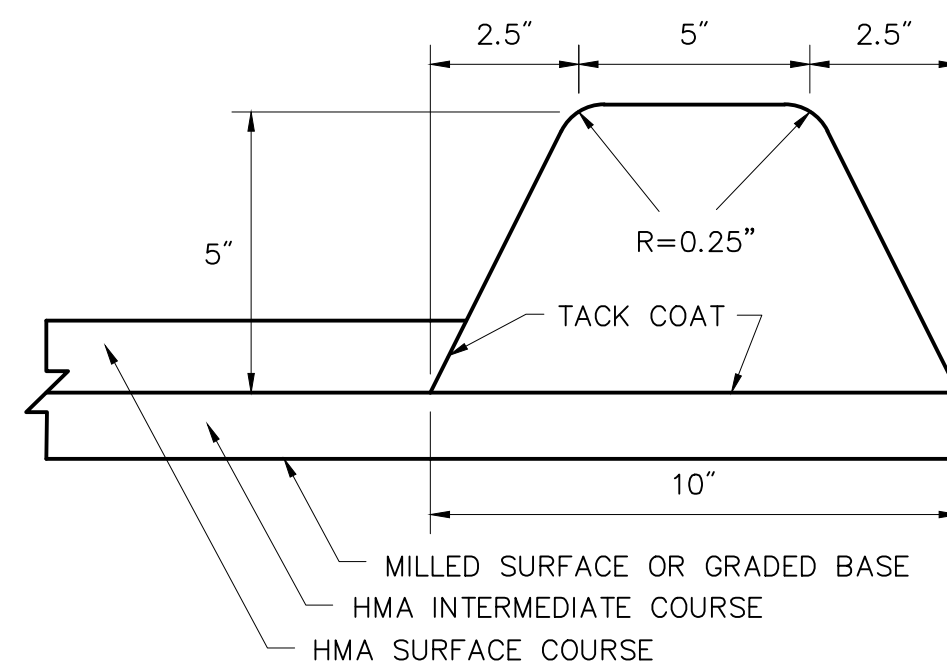
**SOIL EROSION AND SEDIMENT
CONTROL PLAN**

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.

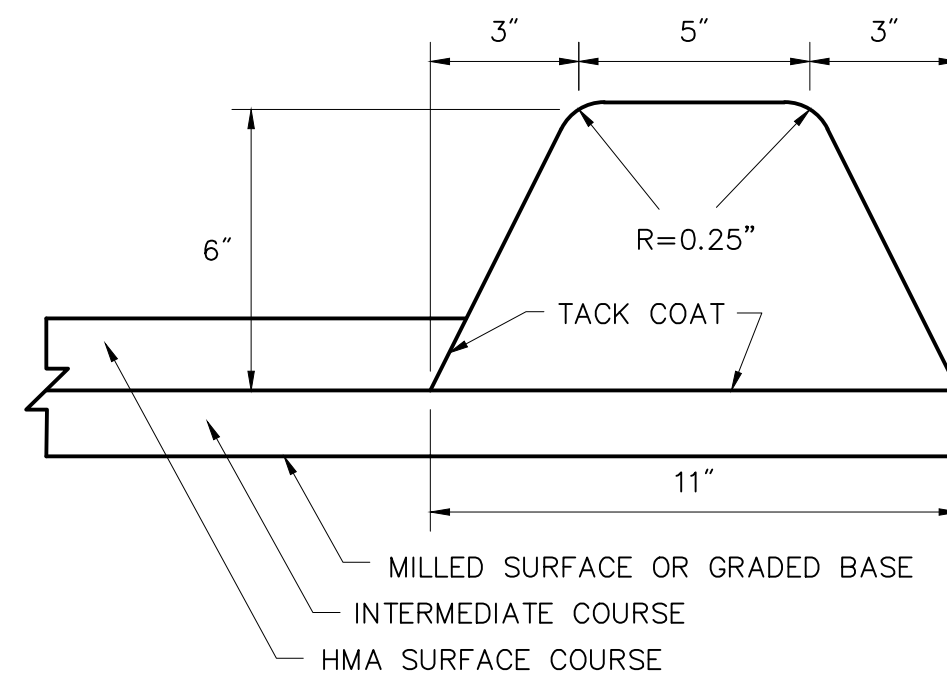
Approval Date: _____

Chairman: _____

2016 SPECIFICATIONS, FORM 817 INCLUDING ALL
SUPPLEMENTS THERETO GOVERN.



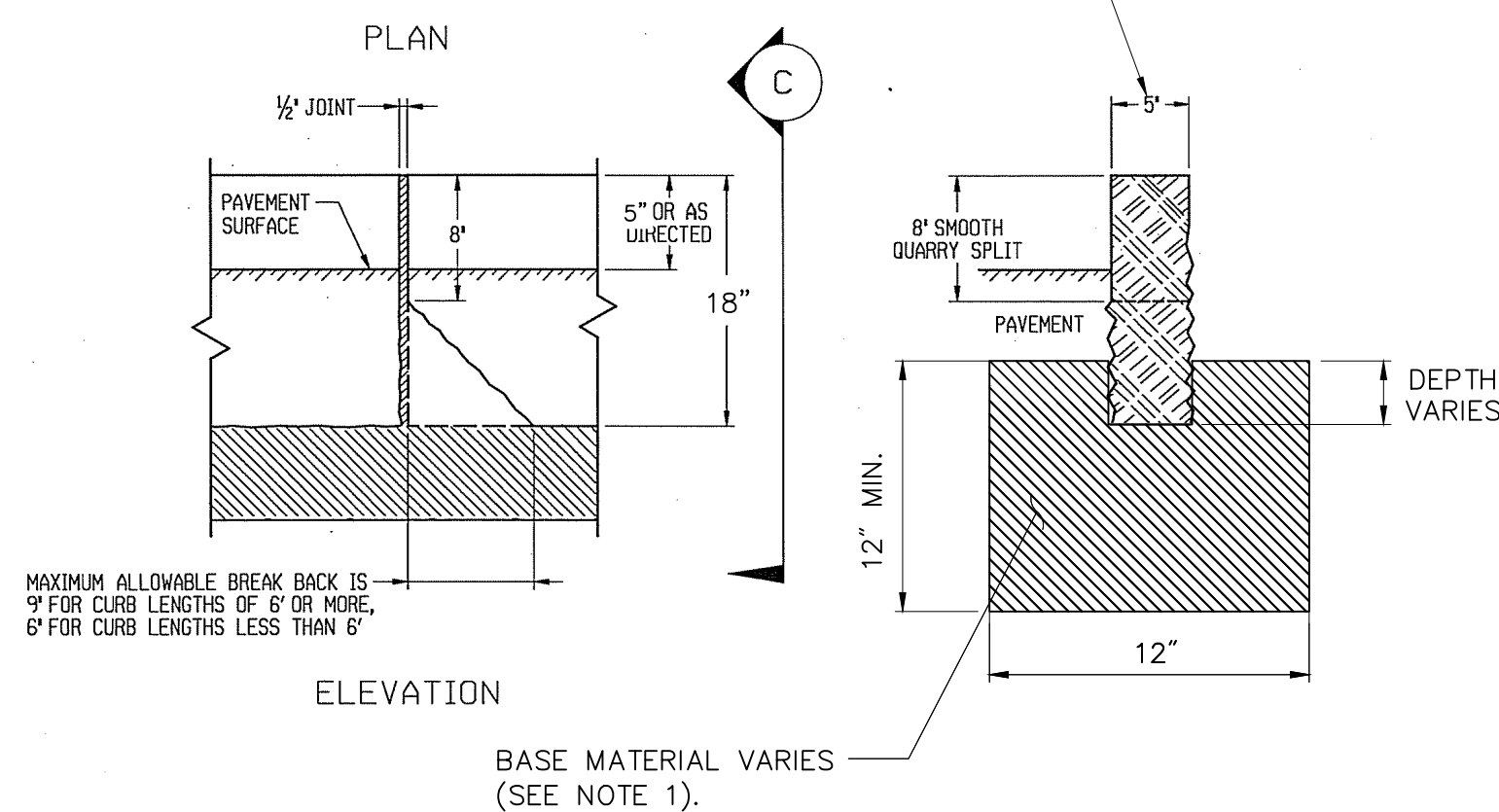
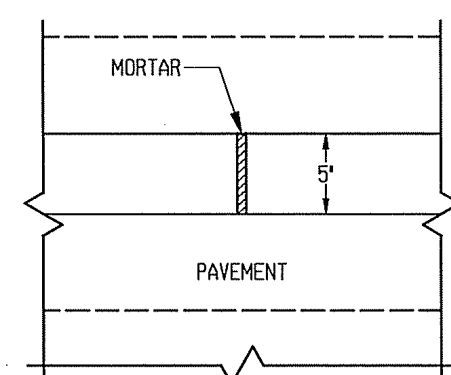
5" BIT CONCRETE LIP CURB



6" BIT CONCRETE LIP CURB

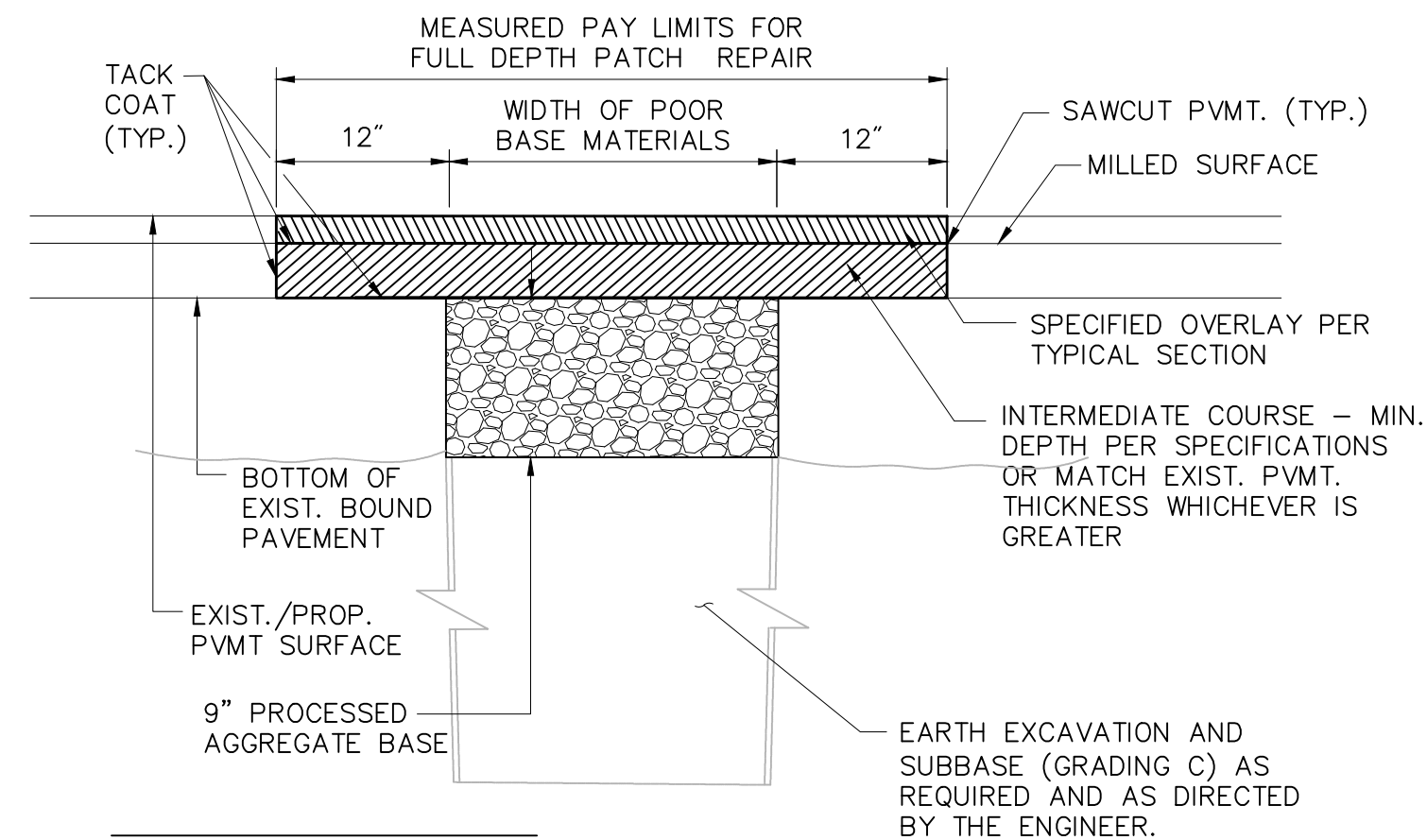
1. BITUMINOUS CONCRETE CURB SHALL BE CONSTRUCTED ON THE INTERMEDIATE COURSE EXCEPT WHERE INDICATED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

BITUMINOUS CONCRETE LIP CURBING - 5" & 6"
N.T.S.



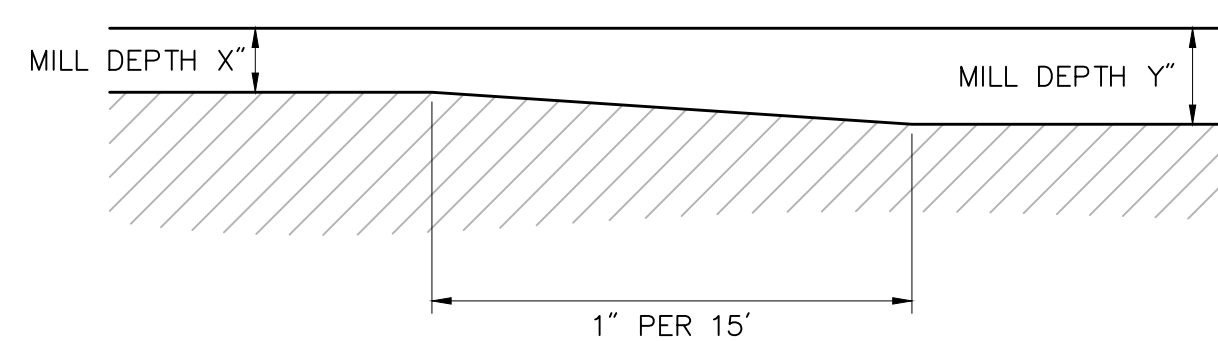
1. THE BASE MATERIAL FOR GRANITE CURBING SHALL BE TO THE DIMENSIONS SHOWN. CURVED AND STRAIGHT GRANITE CURBING UTILIZED FOR SIDEWALK RAMPS SHALL BE SET INTO CLASS "C" CONCRETE, AND ALL OTHER STRAIGHT LENGTHS OF GRANITE CURBING SHALL HAVE A BASE OF PROCESSED AGGREGATE.

GRANITE CURB DETAIL
N.T.S.

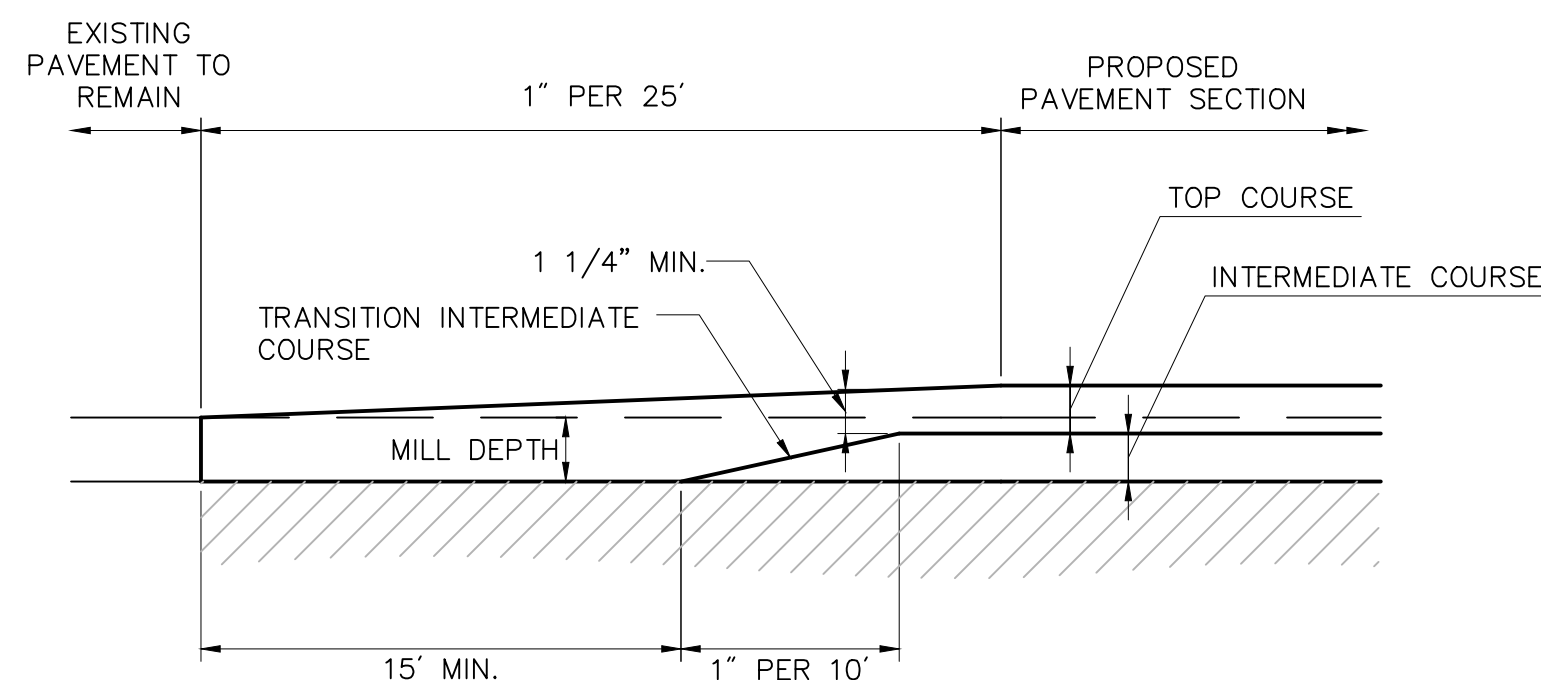


1. ALL COSTS TO SAWCUT, EXCAVATE, AND TACK COAT AS NECESSARY TO INSTALL THE 9" PROCESSED AGGREGATE BASE AND REQUIRED MINIMUM DEPTH OF HMA COMPLETE IN PLACE SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF FULL-DEPTH PATCH OF THE TYPE SPECIFIED.
2. INSTALLATION OF INTERMEDIATE COURSE OF HMA MATERIAL (3" 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.

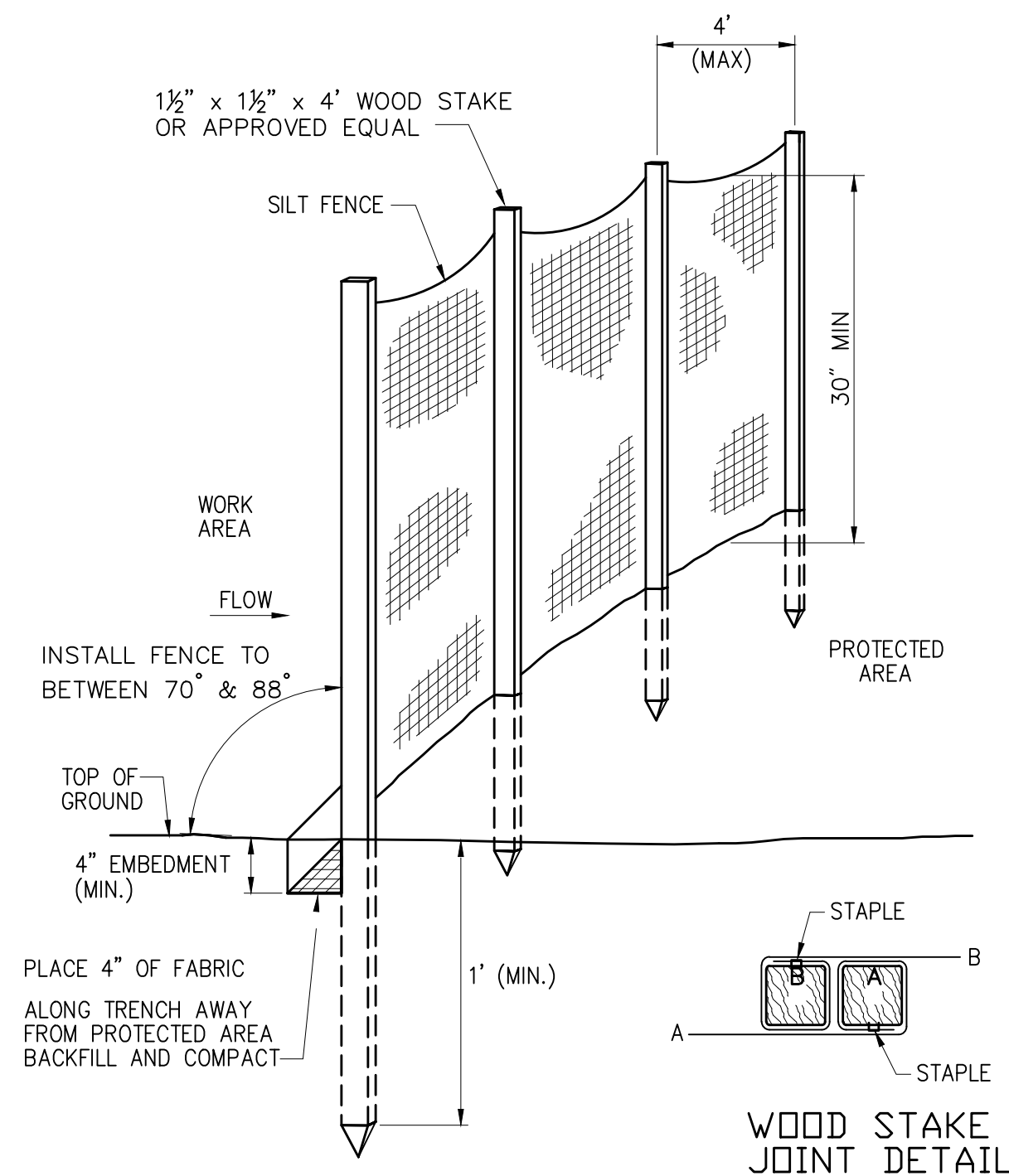
FULL-DEPTH PATCH REPAIR DETAIL
N.T.S.



MILL TRANSITION DETAIL
N.T.S.

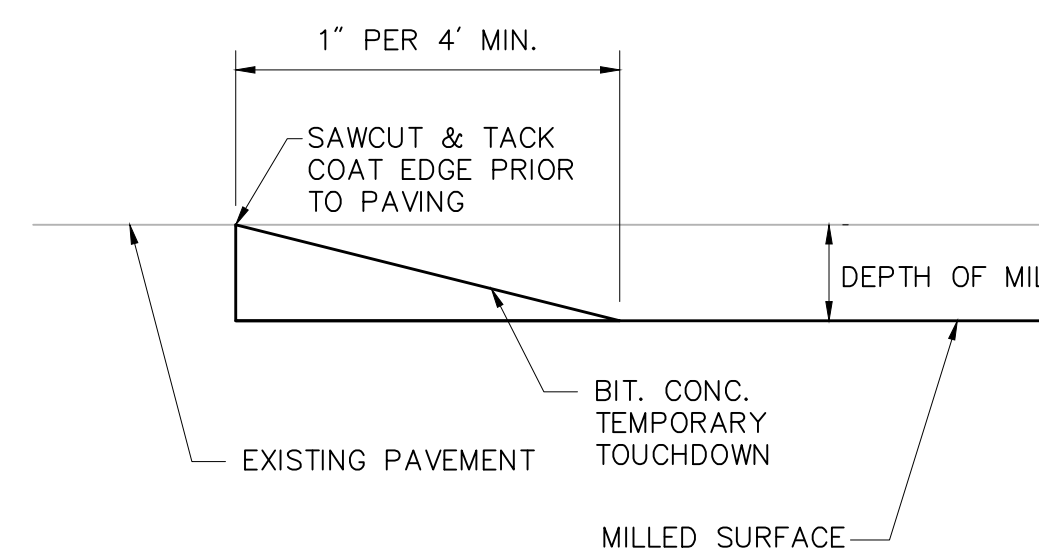


OVERLAY TERMINATION DETAIL
N.T.S.



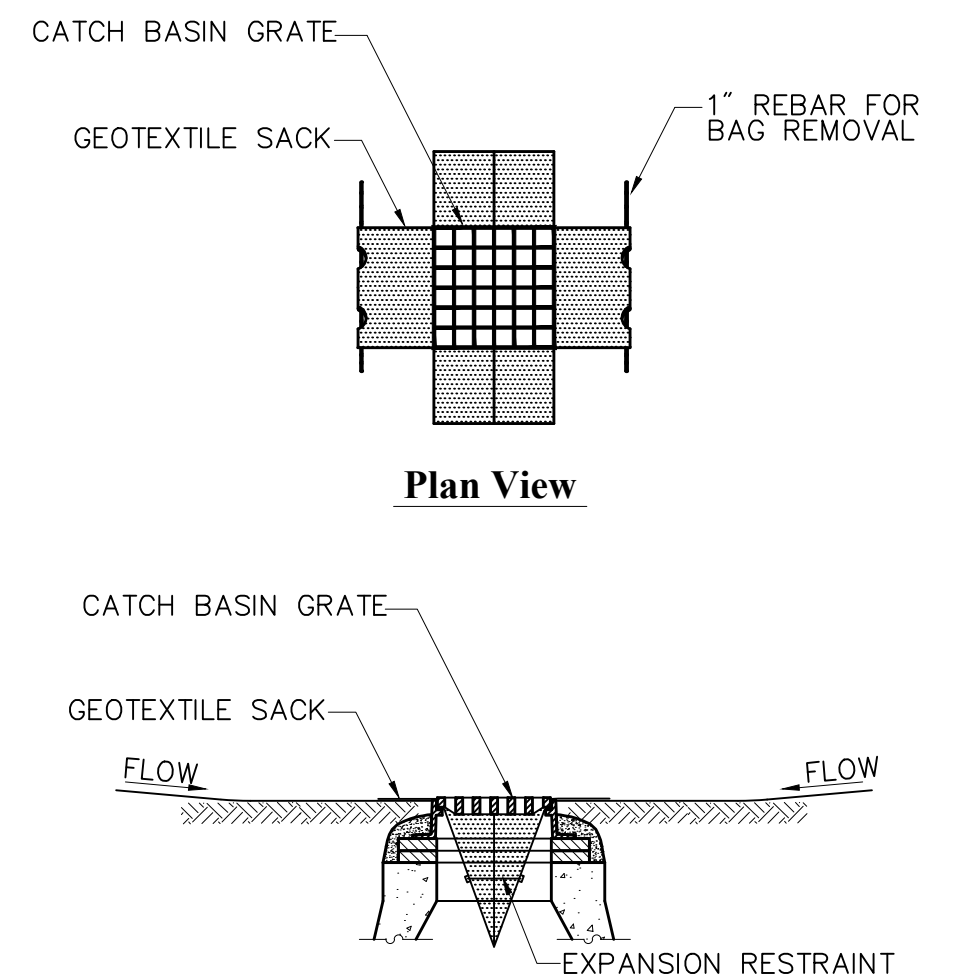
1. THE CONTRACTOR SHALL MAINTAIN OR REPLACE THE SEDIMENTATION CONTROL SYSTEM THROUGHOUT THE CONSTRUCTION DURATION AND UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.
2. THE CONTRACTOR SHALL INSPECT THE SYSTEM ONCE A WEEK AND WITHIN 12 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR 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. 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.

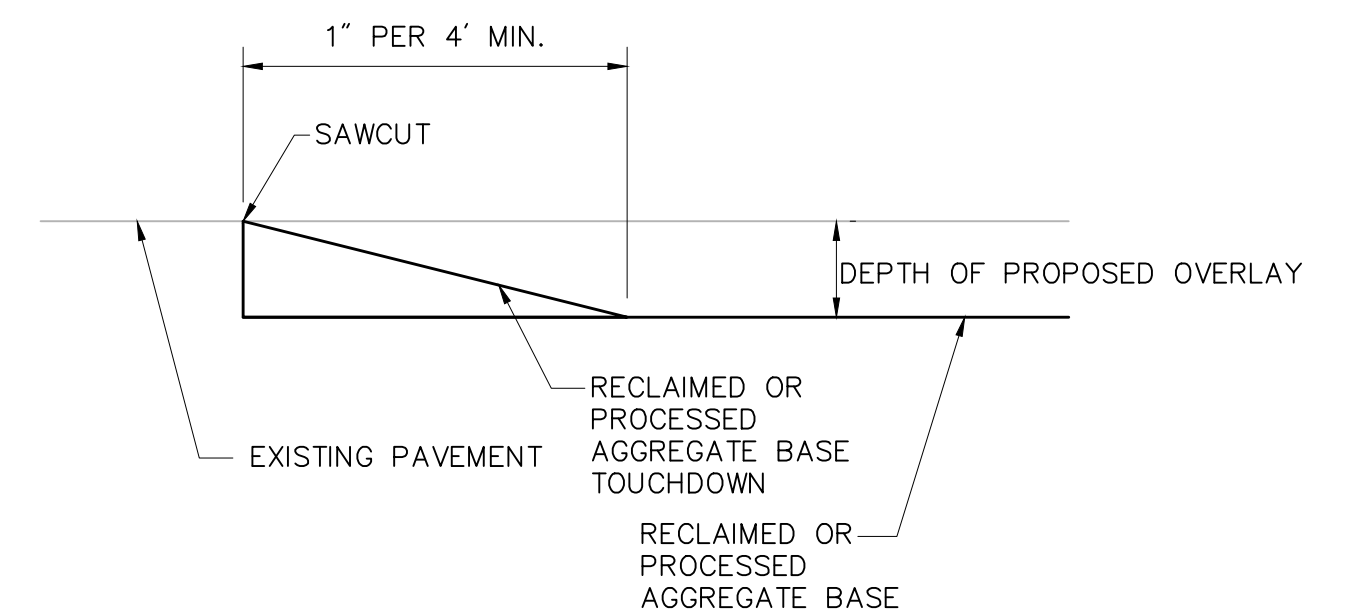
BITUMINOUS CONCRETE TEMPORARY TOUCHDOWN
N.T.S.



Section View

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.



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 REVISIONS	SHEET. NO.

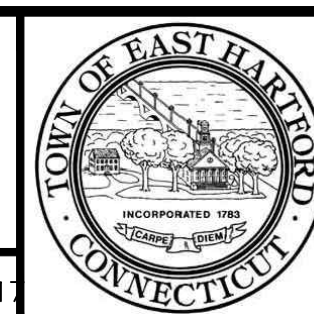
NOT TO SCALE
N.T.S.

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



Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 201



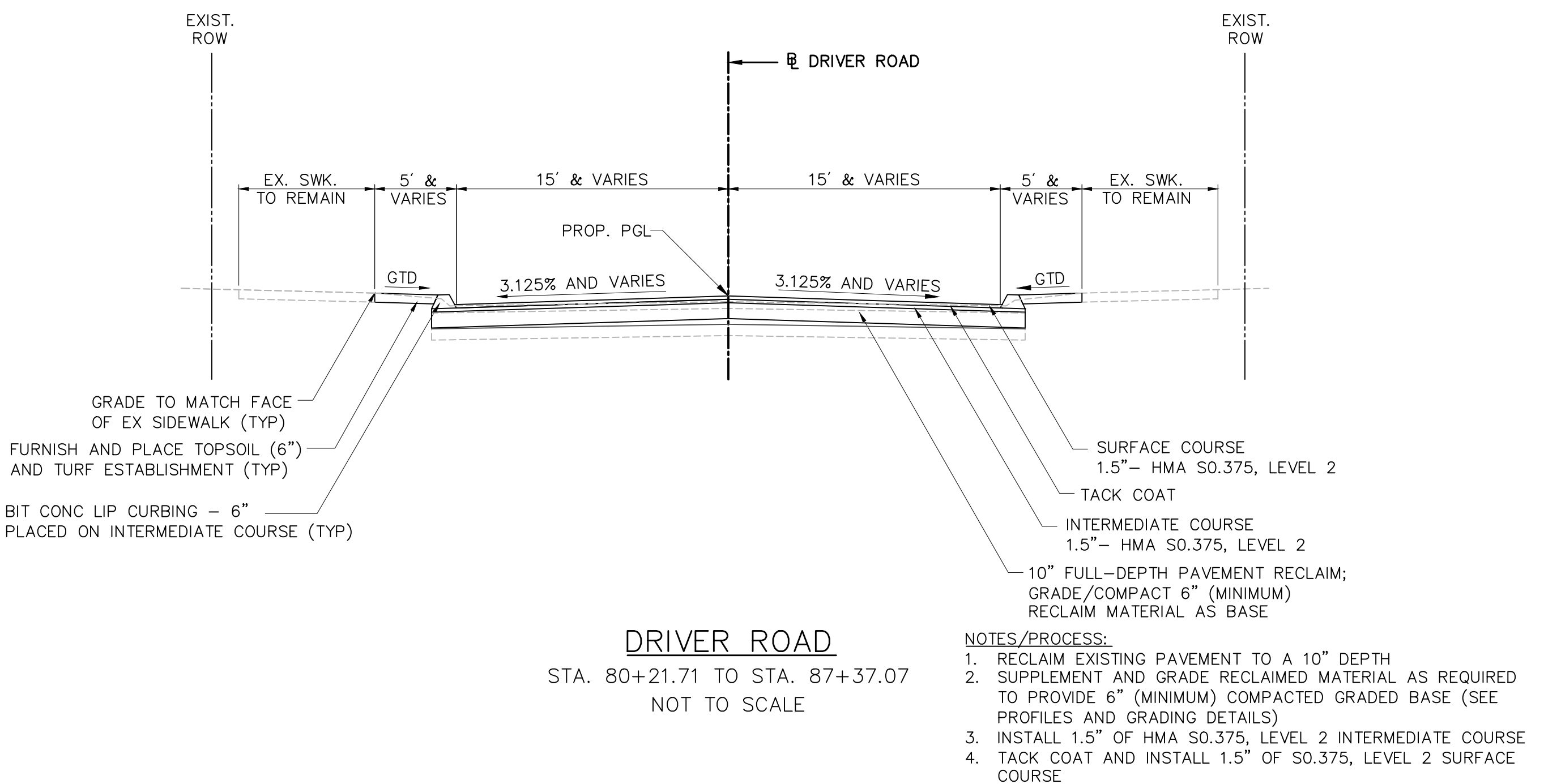
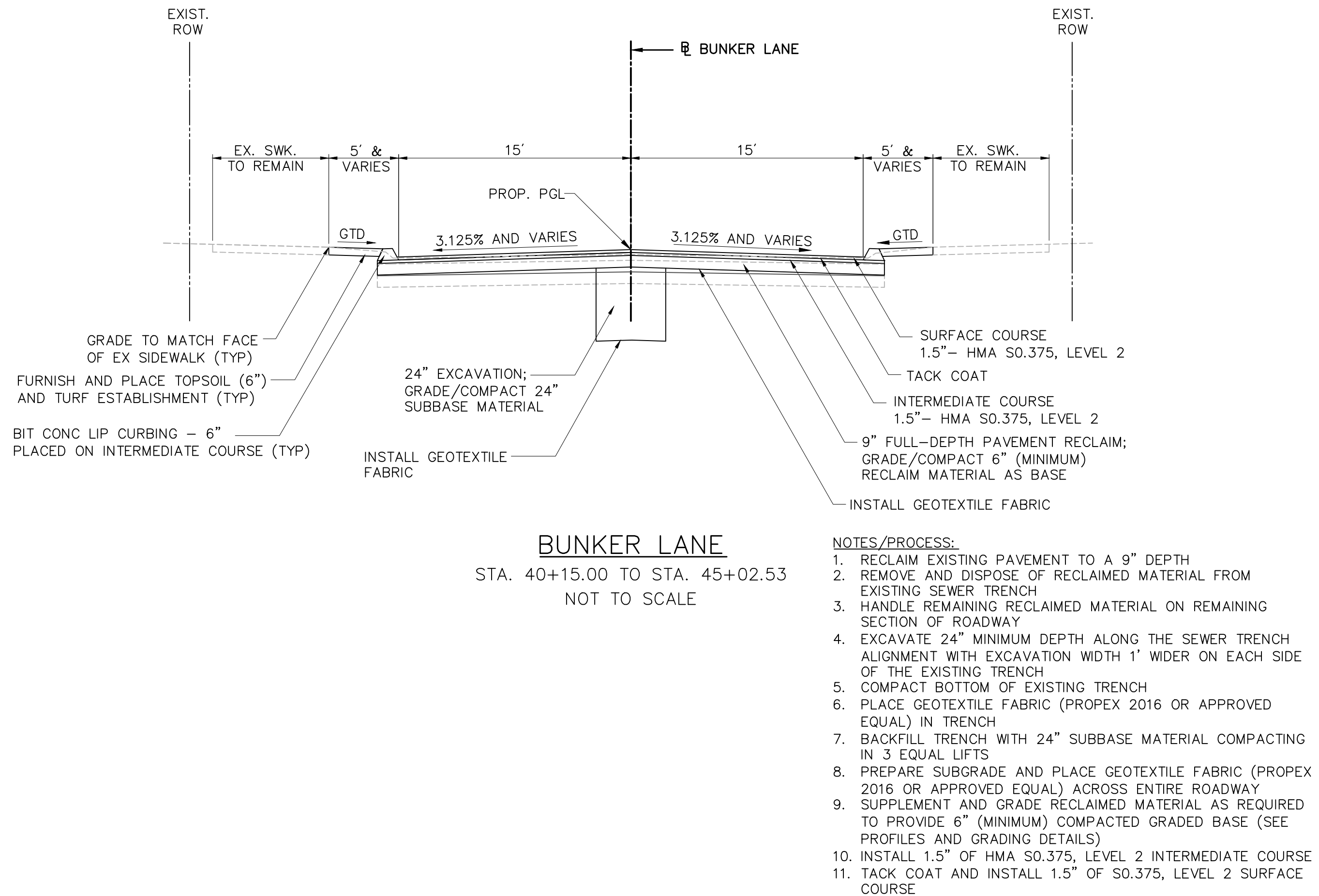
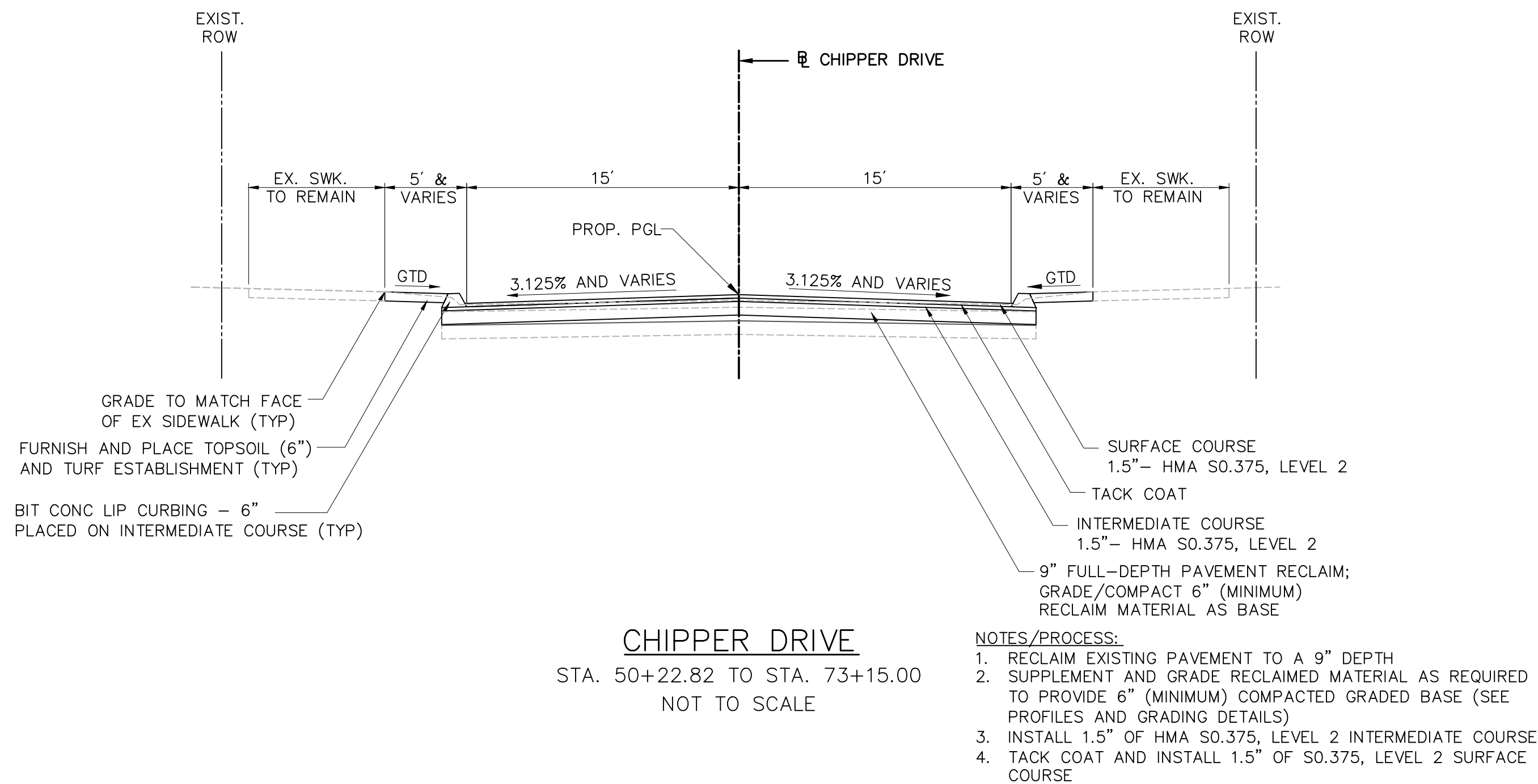
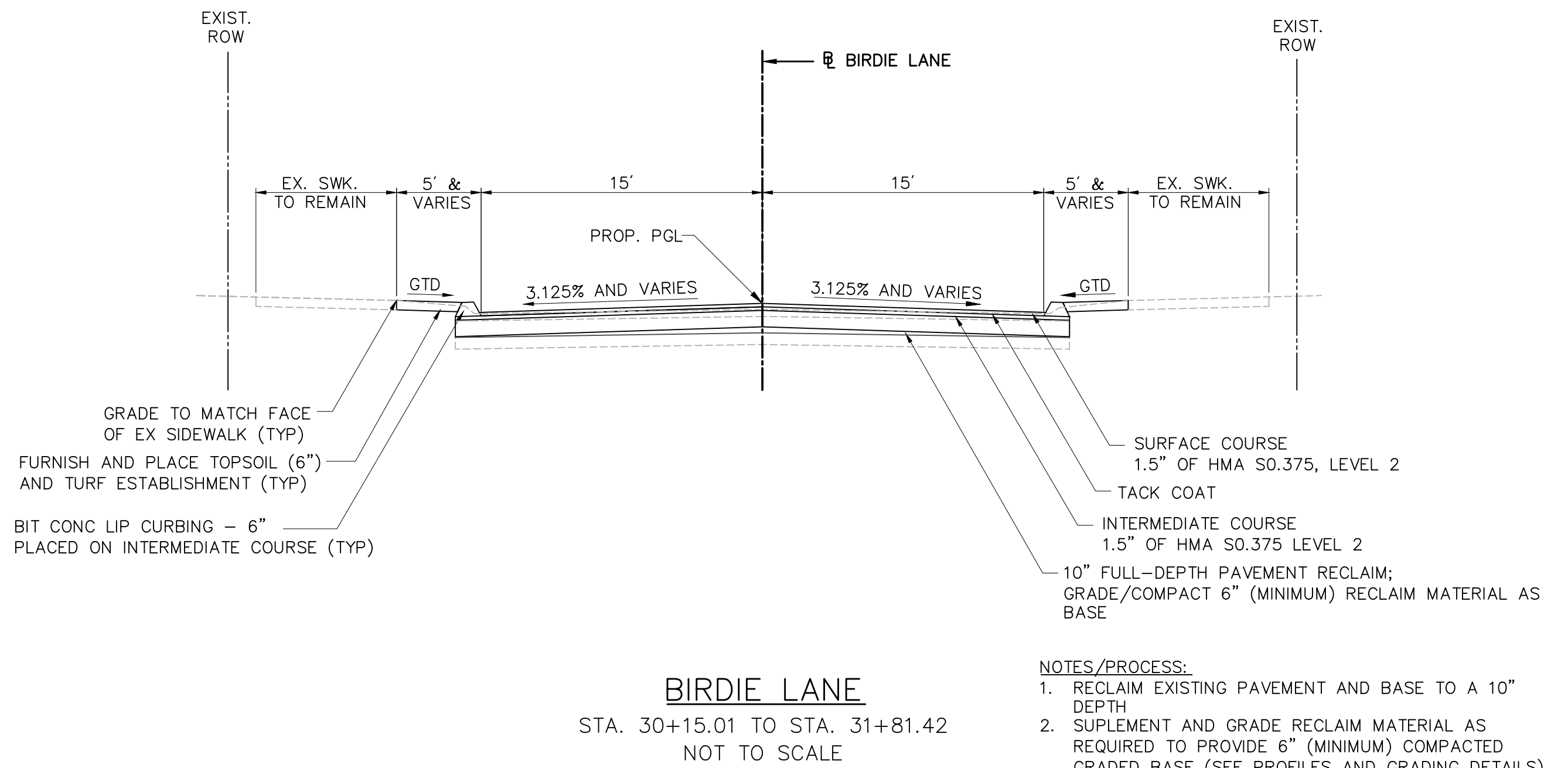
PROJECT TITLE:	2018 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS
CADD FILENAME:	MDS-4228300.DWG

TOWN:	EAST HARTFORD, CONNECTICUT
DRAWING TITLE:	MISCELLANEOUS DETAILS

PROJECT NO.:
42283.00

DRAWING NO.:
MDS-03

SHEET NO.:
XX OF XX



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 REVISIONS	SHEET. NO.

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



Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION

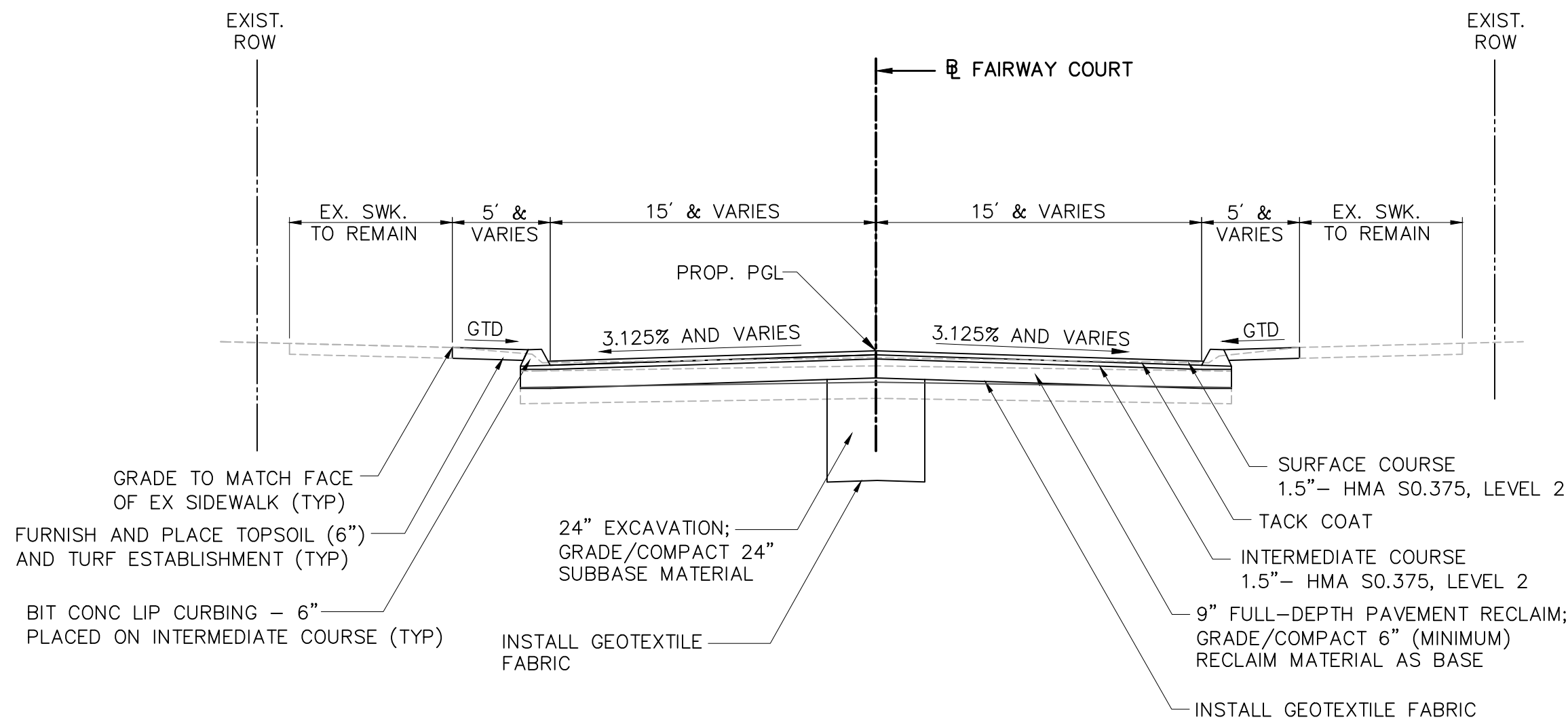
DATE: SEPTEMBER 22, 2017



PROJECT TITLE: 2018 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS
CADD FILENAME: TYP-4228300.DWG

TOWN: EAST HARTFORD, CONNECTICUT
DRAWING TITLE: TYPICAL SECTIONS

PROJECT NO.: 42283.00
DRAWING NO.: TYP-01
SHEET NO.: XX OF XX

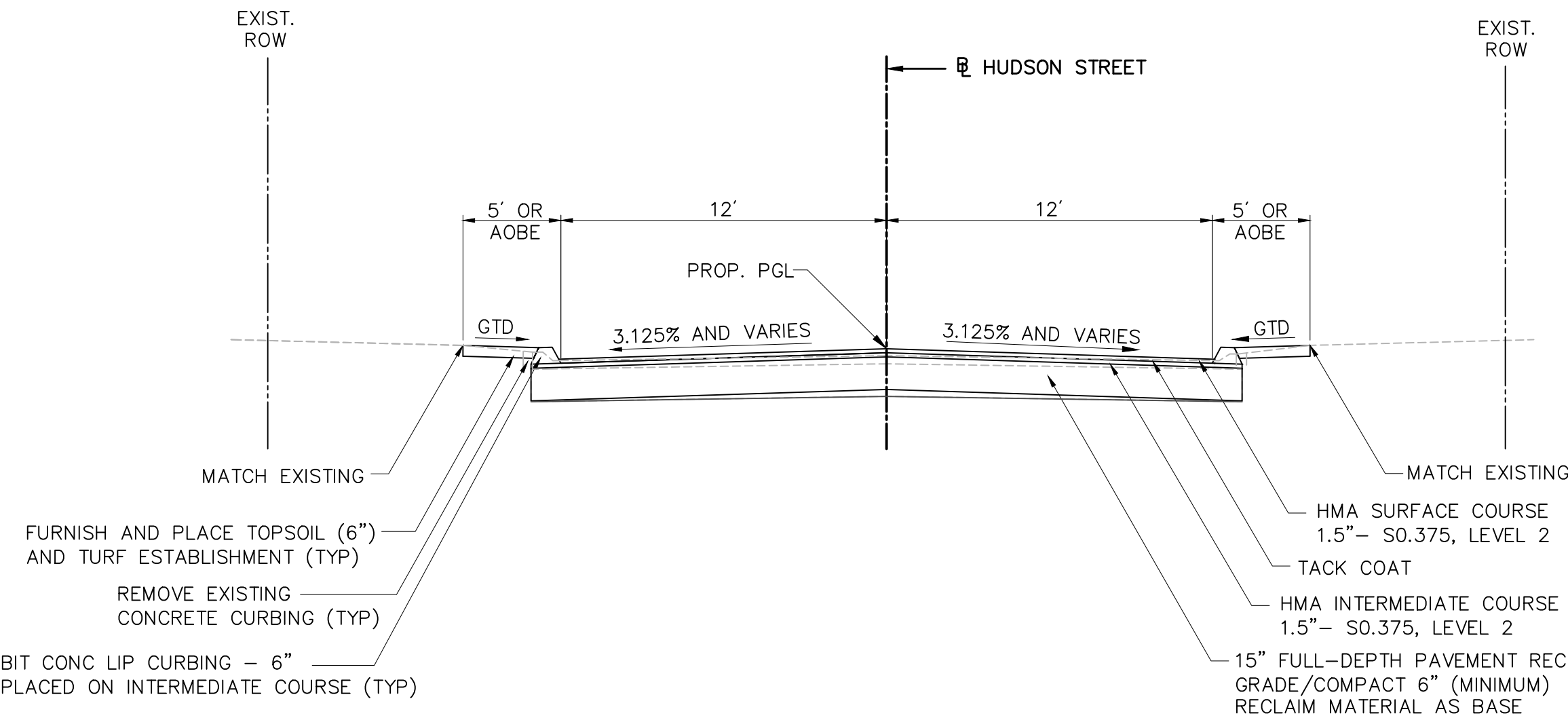


FAIRWAY COURT

STA. 90+13.95 TO STA. 95+25.05
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 9" DEPTH
2. REMOVE AND DISPOSE OF RECLAIMED MATERIAL FROM EXISTING SEWER TRENCH
3. HANDLE REMAINING RECLAIMED MATERIAL ON REMAINING SECTION OF ROADWAY
4. EXCAVATE 24" MINIMUM DEPTH ALONG THE SEWER TRENCH ALIGNMENT WITH EXCAVATION WIDTH 1' WIDER ON EACH SIDE OF THE EXISTING TRENCH
5. COMPACT BOTTOM OF EXISTING TRENCH
6. PLACE GEOTEXTILE FABRIC (PROPEX 2016 OR APPROVED EQUAL) IN TRENCH
7. BACKFILL TRENCH WITH 24" SUBBASE MATERIAL COMPACTING IN 3 EQUAL LIFTS
8. PREPARE SUBGRADE AND PLACE GEOTEXTILE FABRIC (PROPEX 2016 OR APPROVED EQUAL) ACROSS ENTIRE ROADWAY
9. SUPPLEMENT AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
10. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
11. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2 SURFACE COURSE

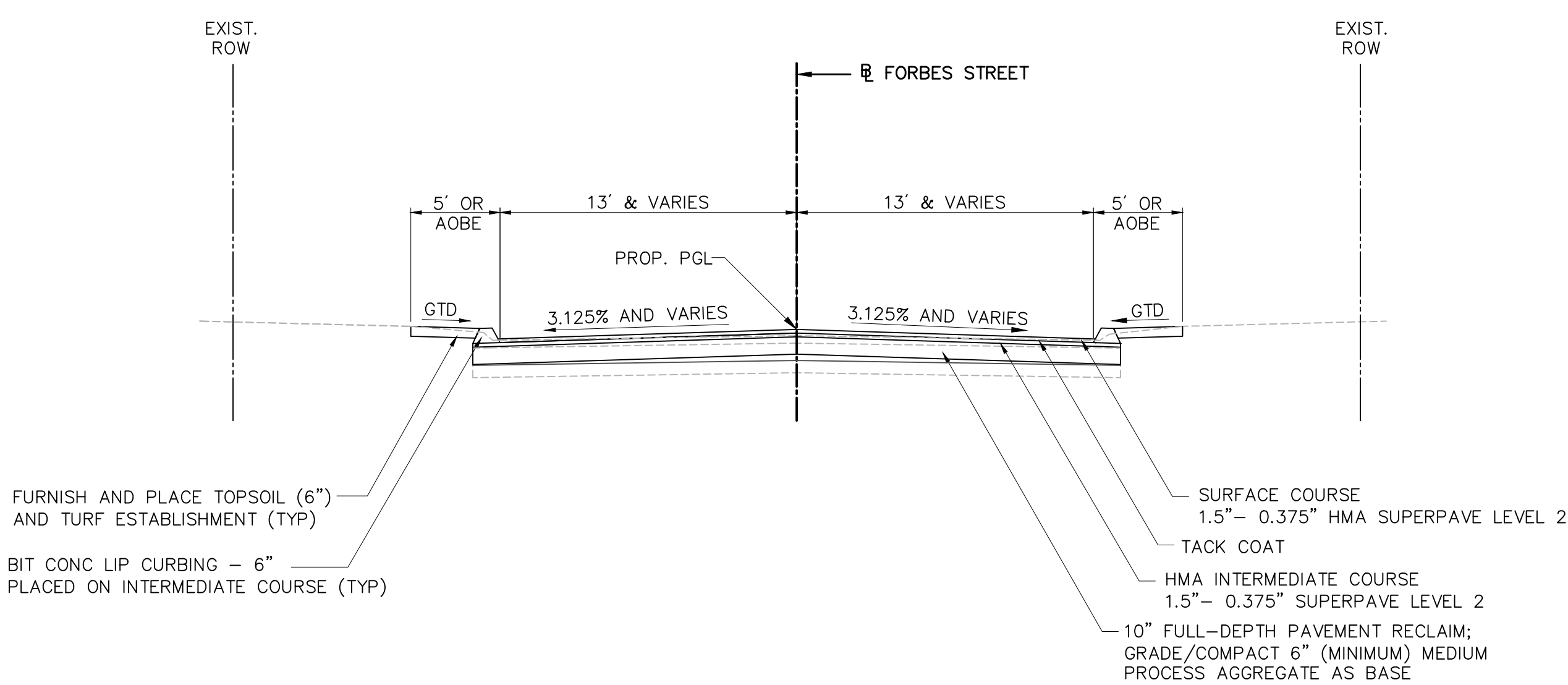


HUDSON STREET

STA. 200+13.00 TO STA. 207+40.00
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 15" DEPTH
2. REMOVE AND DISPOSE OF RECLAIMED MATERIAL FROM EXISTING SEWER TRENCH
3. HANDLE REMAINING RECLAIMED MATERIAL ON REMAINING SECTION OF ROADWAY
4. COMPACT BOTTOM OF EXISTING TRENCH
5. PLACE GEOTEXTILE FABRIC (PROPEX 2016 OR APPROVED EQUAL) IN TRENCH
6. BACKFILL TRENCH WITH SUBBASE MATERIAL COMPACTING IN EQUAL LIFTS
7. SUPPLEMENT AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
8. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
9. TACK COAT AND INSTALL 1.5" OF S0.375, LEVEL 2 SURFACE COURSE

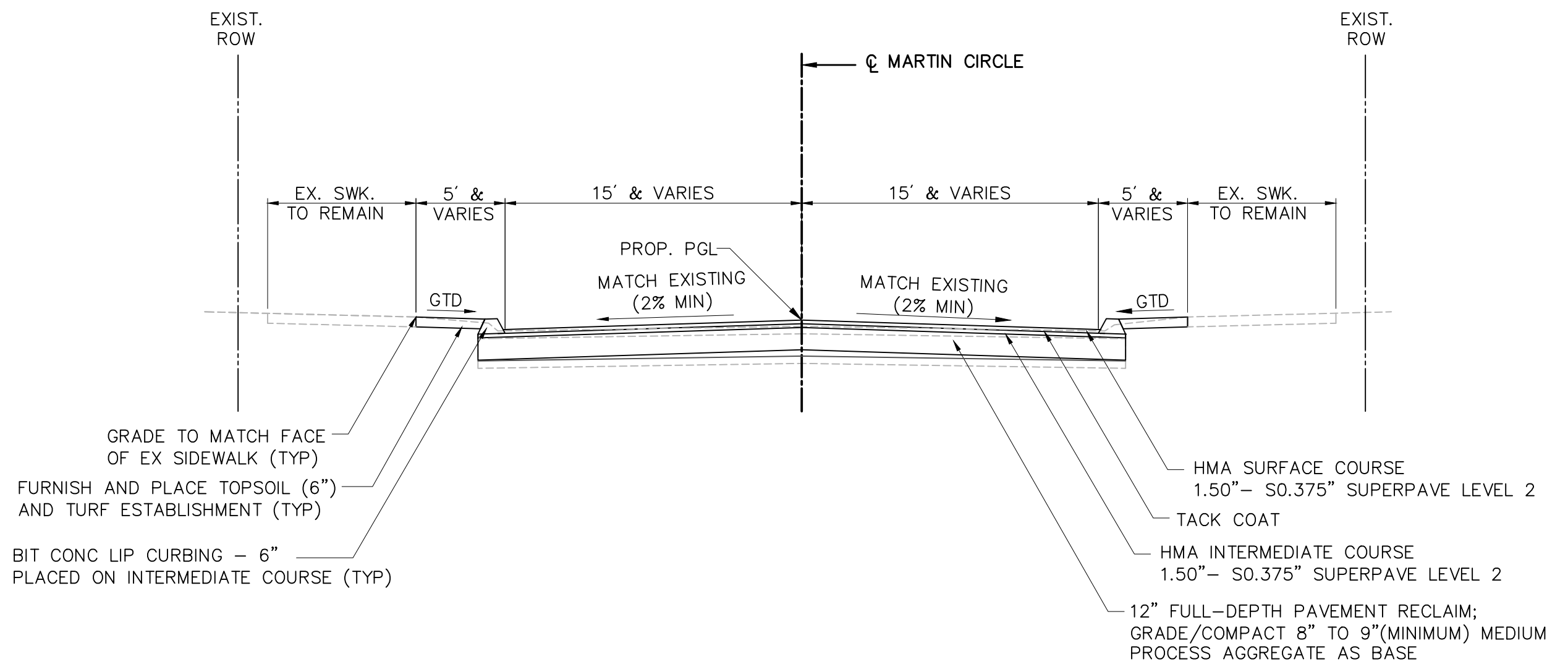


FORBES STREET

STA. 100+65.57 TO STA. 117+50.23
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. 108+00 TO 114+00
3. EXCAVATE 15" BETWEEN STA. 109+11 AND STA. 114+00 AND AS REQUIRED BETWEEN STA. 108+00 AND 109+11
4. BETWEEN STA. 109+11 AND STA. 114+00 AND OTHER EXCAVATED AREAS PREPARE SUBGRADE AND BACKFILL WITH EXCESS RECLAIMED MATERIAL OF PROCESSED AGGREGATE BASE IN 8" LIFTS
5. SUPPLEMENT, AND GRADE RECLAIMED MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
6. INSTALL 1.5" OF HMA S0.375, LEVEL 2 INTERMEDIATE COURSE
7. TACK COAT AND INSTALL 1.5" OF HMA S0.375, LEVEL 2 SURFACE COURSE



MARTIN CIRCLE

STA. 300+60.55 TO STA. 303+53.34
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 12" DEPTH
2. HANDLE RECLAIMED MATERIAL AND EXCAVATE AS REQUIRED AND AS DIRECTED BY THE ENGINEER FROM STA. 300+08.39 TO 302+00
3. SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" TO 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

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 REVISIONS	SHEET. NO.

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

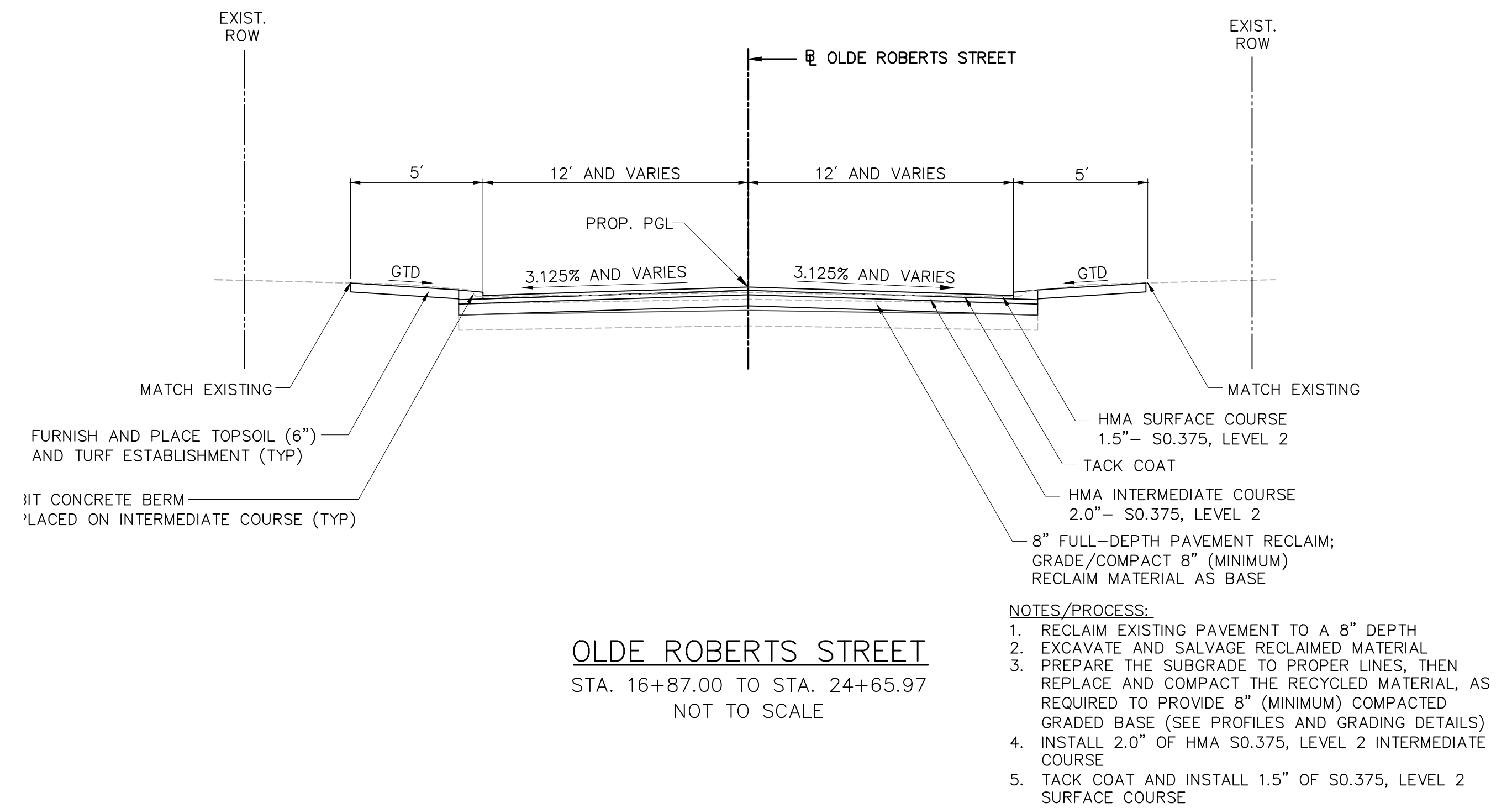
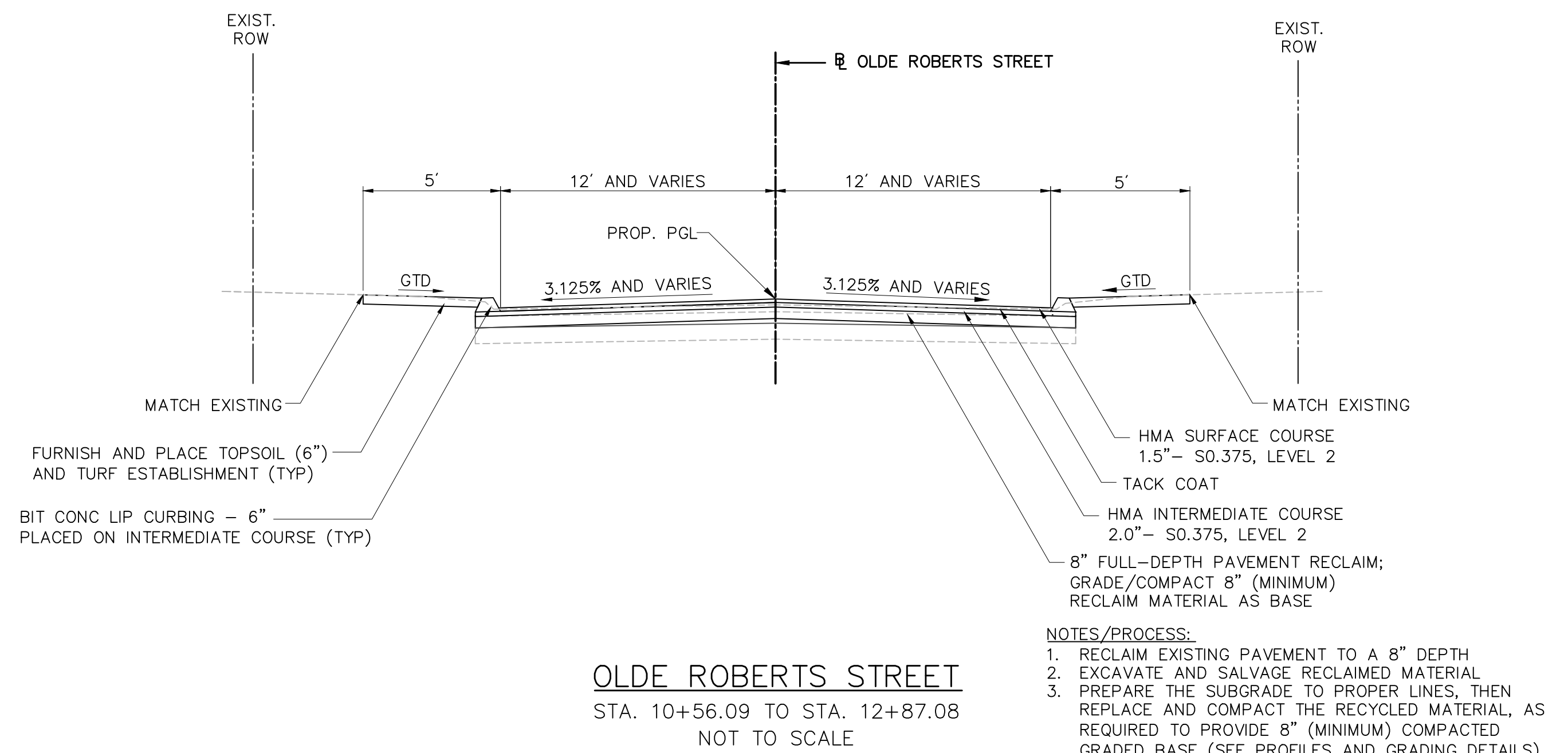
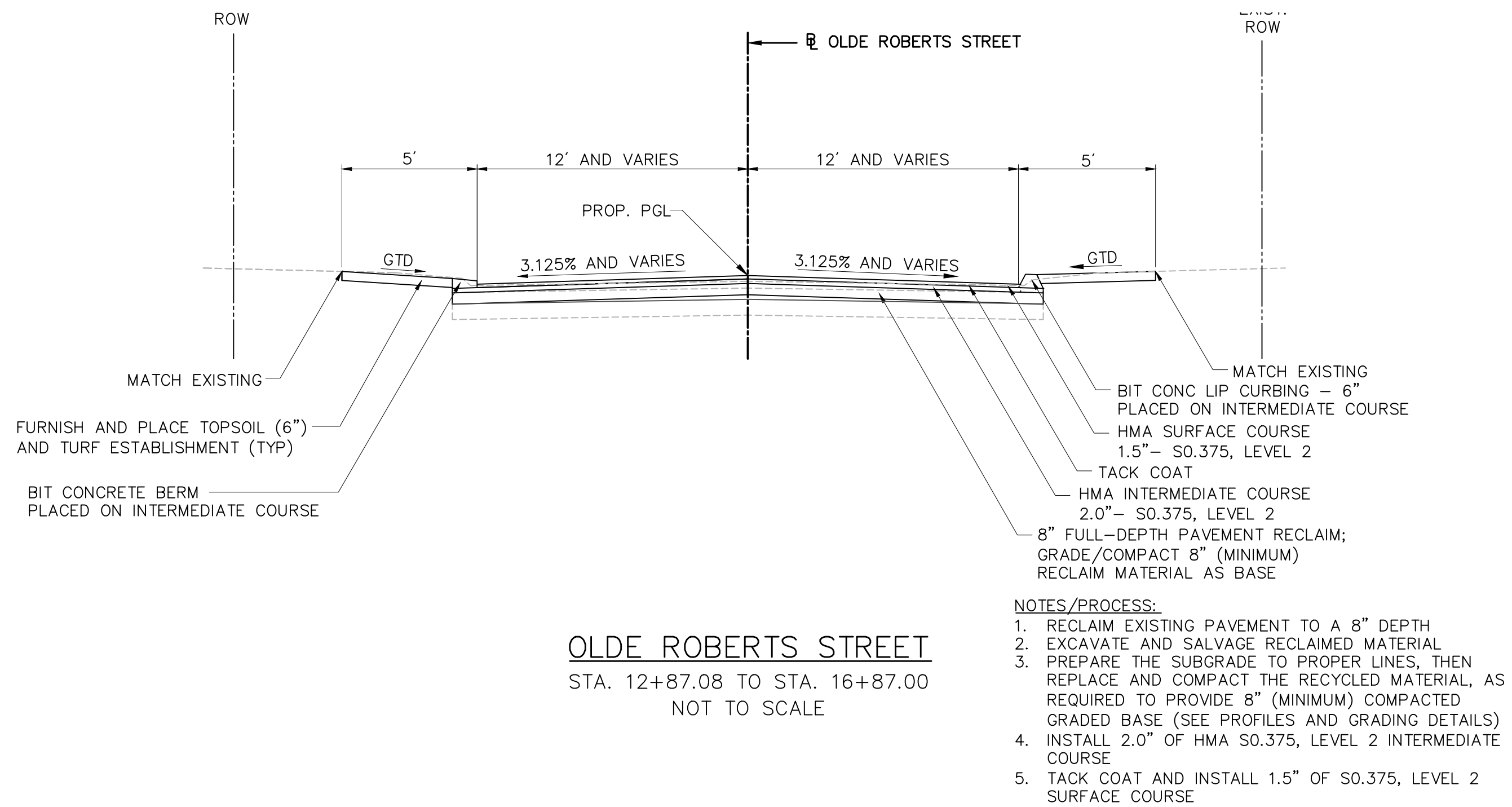
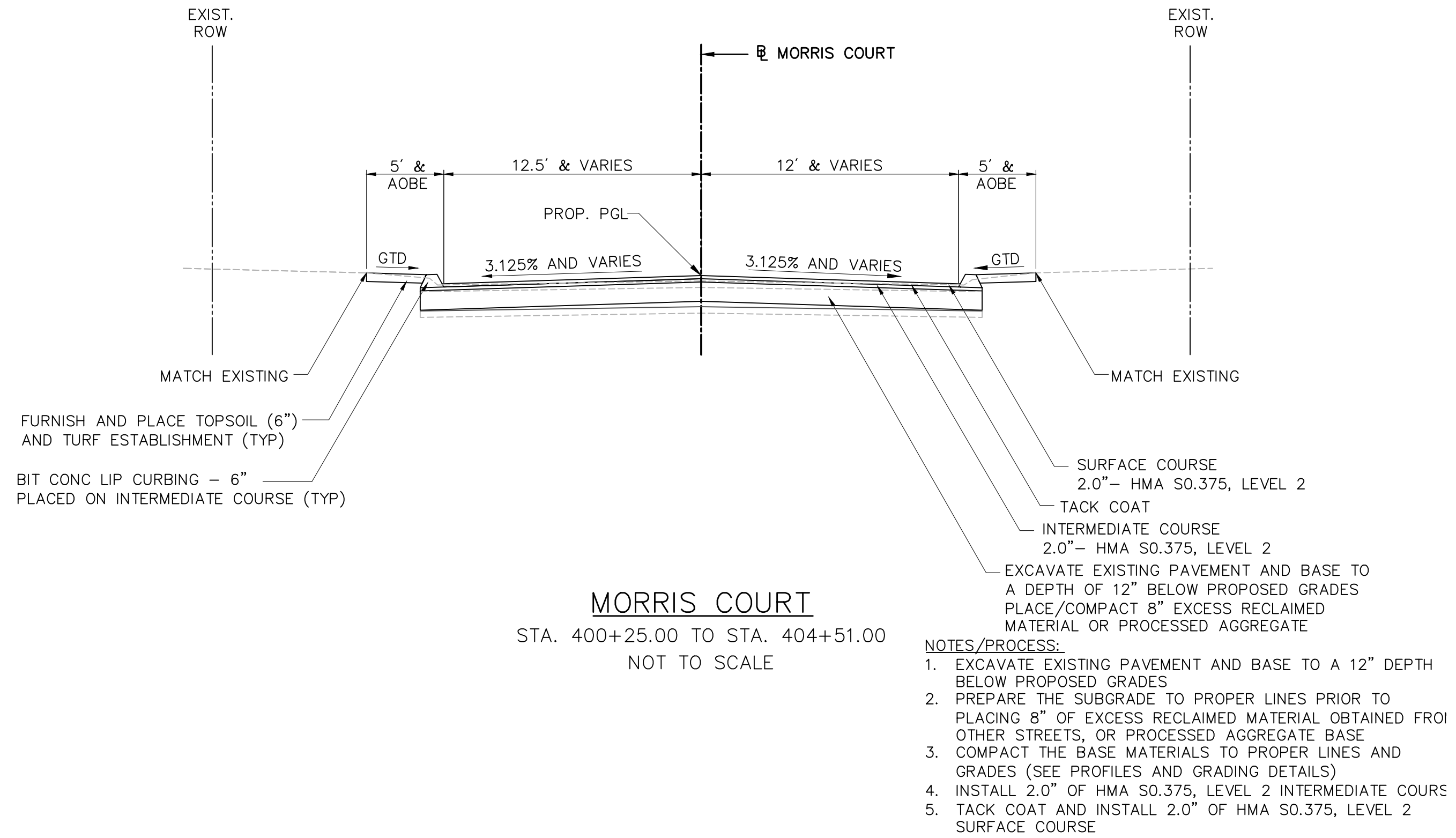
 Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017



PROJECT TITLE: 2018 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS
CADD FILENAME: TYP-4228300.DWG

TOWN: EAST HARTFORD, CONNECTICUT
DRAWING TITLE: TYPICAL SECTIONS

PROJECT NO.: 42283.00
DRAWING NO.: TYP-02
SHEET NO.: XX OF XX



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: _____

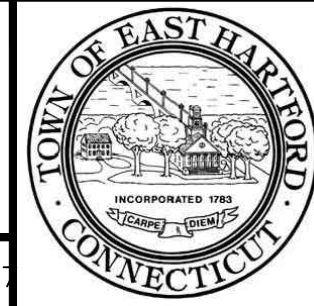
Chairman: _____

[illegible]

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



Engineers Scientists Planners Designers



PROJECT TITLE:

2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

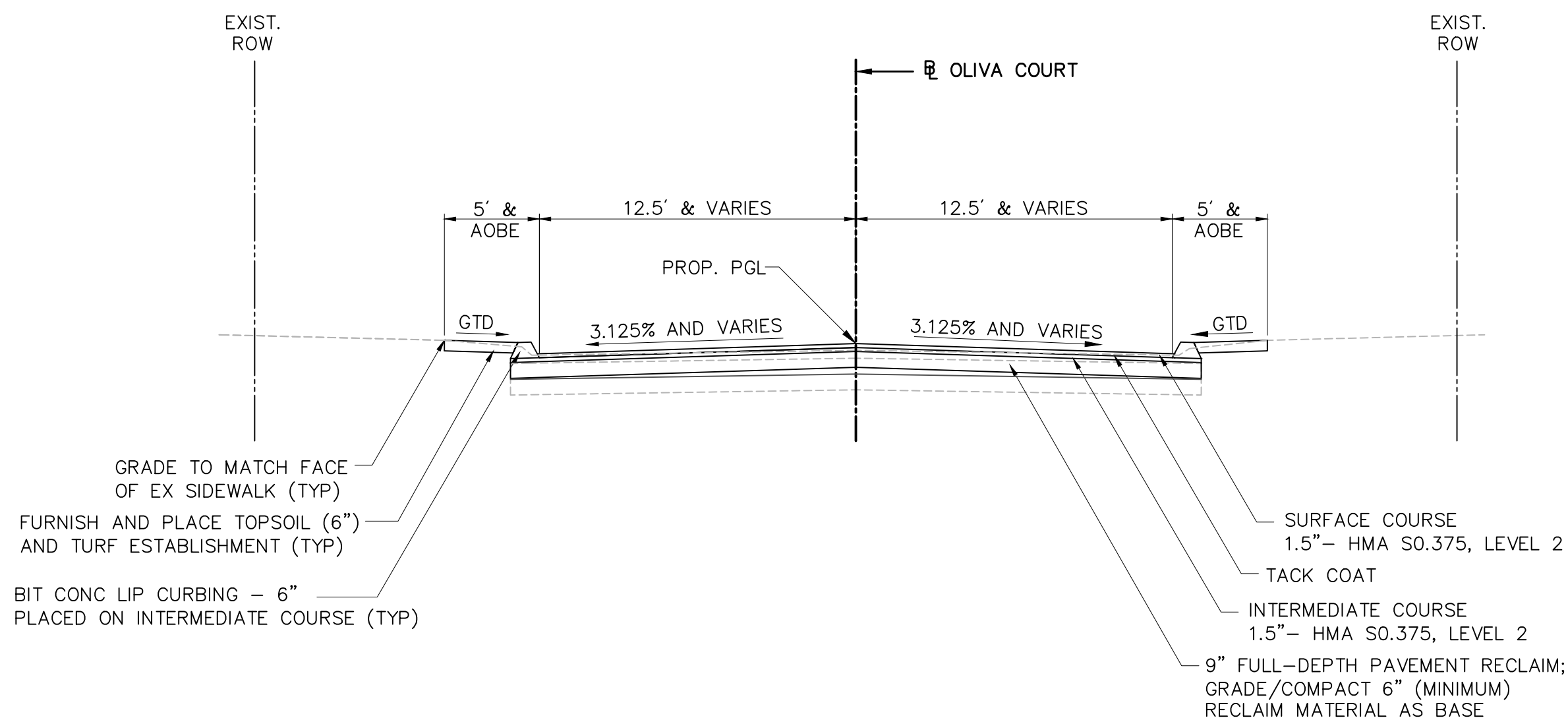
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TOWN:	EAST HARTFORD, CONNECTICUT
DRAWING TITLE:	TYPICAL SECTIONS

PROJECT NO.:
42283.00

DRAWING NO.:
TYP-03

SHEET NO.:
XX OF XX

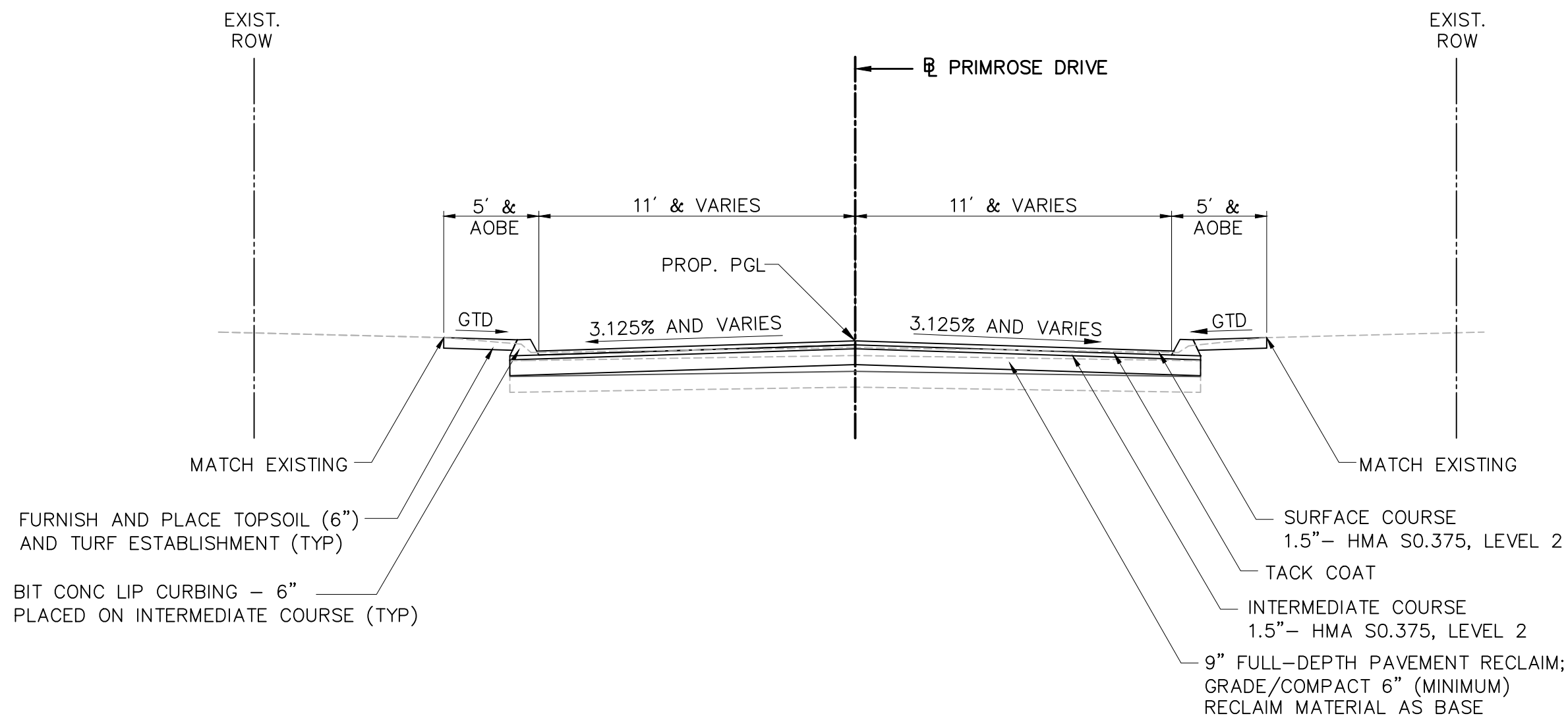


OLIVA COURT

STA. 500+12.00 TO STA. 503+66.47
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. 502+50.00 TO 503+00.00
3. SUELFMENT 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

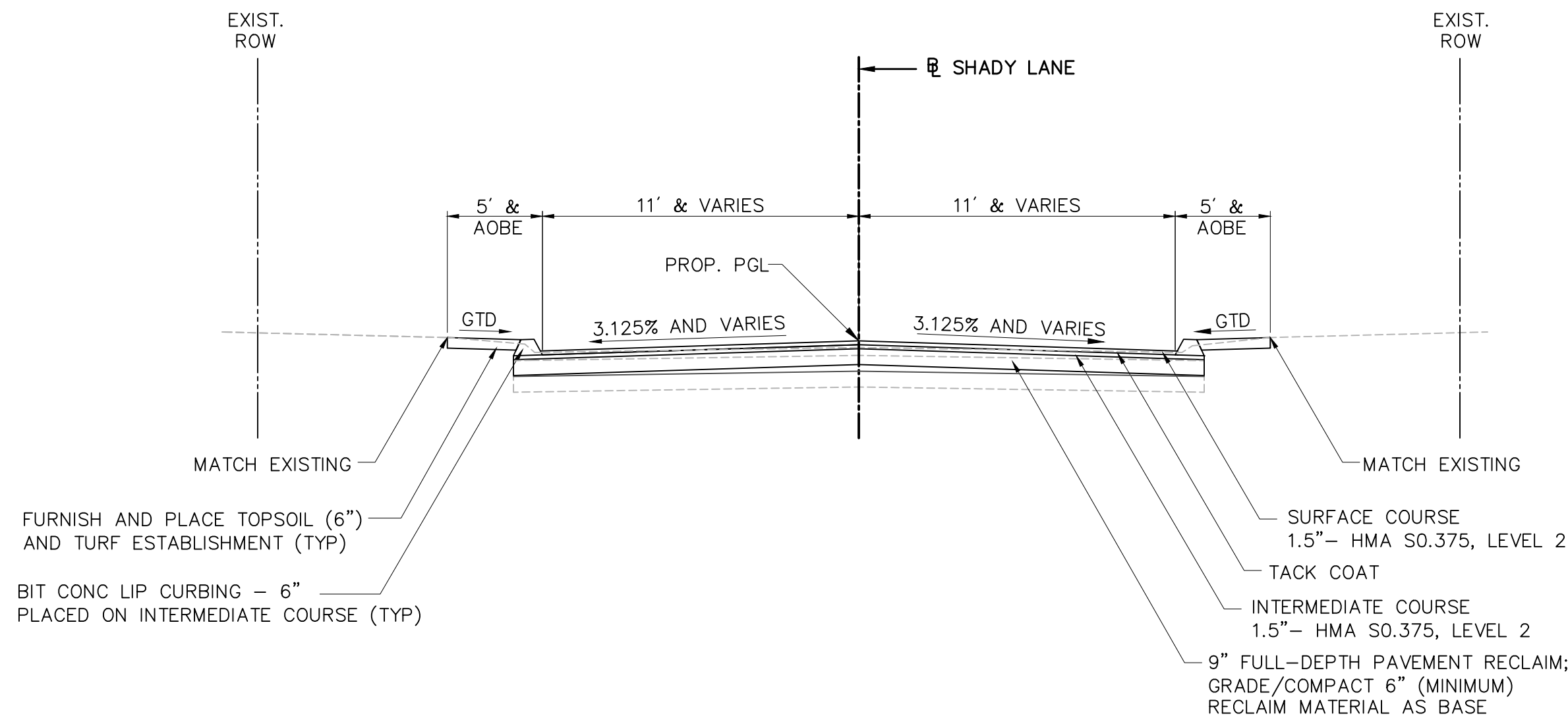


PRIMROSE DRIVE

STA. 600+06.12 TO STA. 609+59.00
NOT TO SCALE

NOTES/PROCESS:

1. RECLAIM EXISTING PAVEMENT TO A 9" DEPTH
2. EXCAVATE EXISTING PAVEMENT AND BASE IN BETWEEN STA. 605+00 TO 607+35 TO A 9" DEPTH
3. REPLACE EXCAVATED MATERIAL WITH EXCESS RECLAIMED MATERIAL OR PROCESS AGGREGATE TO A 6" DEPTH
4. FOR THE REMAINING ROADWAY SUPPLEMENT AND GRADE RECLAIM MATERIAL AS REQUIRED TO PROVIDE 6" (MINIMUM) COMPACTED GRADED BASE (SEE PROFILES AND GRADING DETAILS)
5. INSTALL 1.5" OF HMA SO.375, LEVEL 2 INTERMEDIATE COURSE
6. TACK COAT AND INSTALL 1.5" OF HMA SO.375, LEVEL 2 SURFACE COURSE



SHADY LANE

STA. 700+26.44 TO STA. 709+69.55
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)
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3. FOR PROPOSED PROFILE GRADE LINE (PGL) AND ADDITIONAL EDGE-OF-PAVEMENT DETAILS, PROFILE, SLOPE, AND EDGE-OF-PAVEMENT INFORMATION ON THE CONSTRUCTION PLANS AND THE INTERSECTION GRADING PLANS FOR ROADWAYS TO BE RECLAIMED.
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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.

DESIGNER:
EAN

DRAFTER:
JE

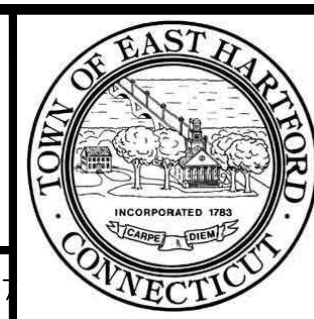
CHECKED

APPROVED BY: SOM



Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2011



PROJECT TITLE:

2018 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS

CADD FILENAME: TYP-4228300.DWG

TOWN:

EAST HARTFORD, CONNECTICUT

DRAWING TITLE:

TYPICAL SECTIONS

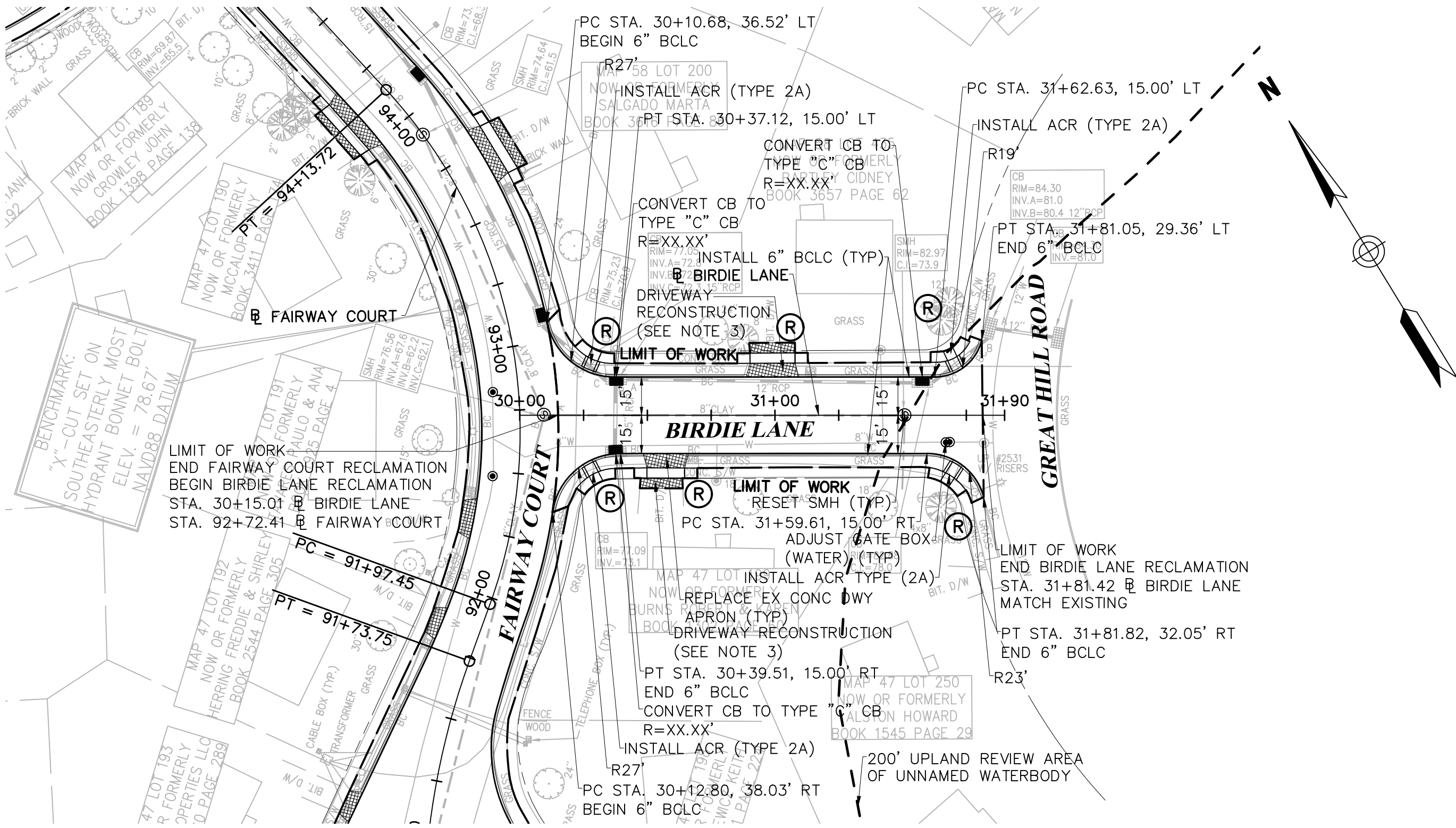
PROJECT NO.:

42283.00

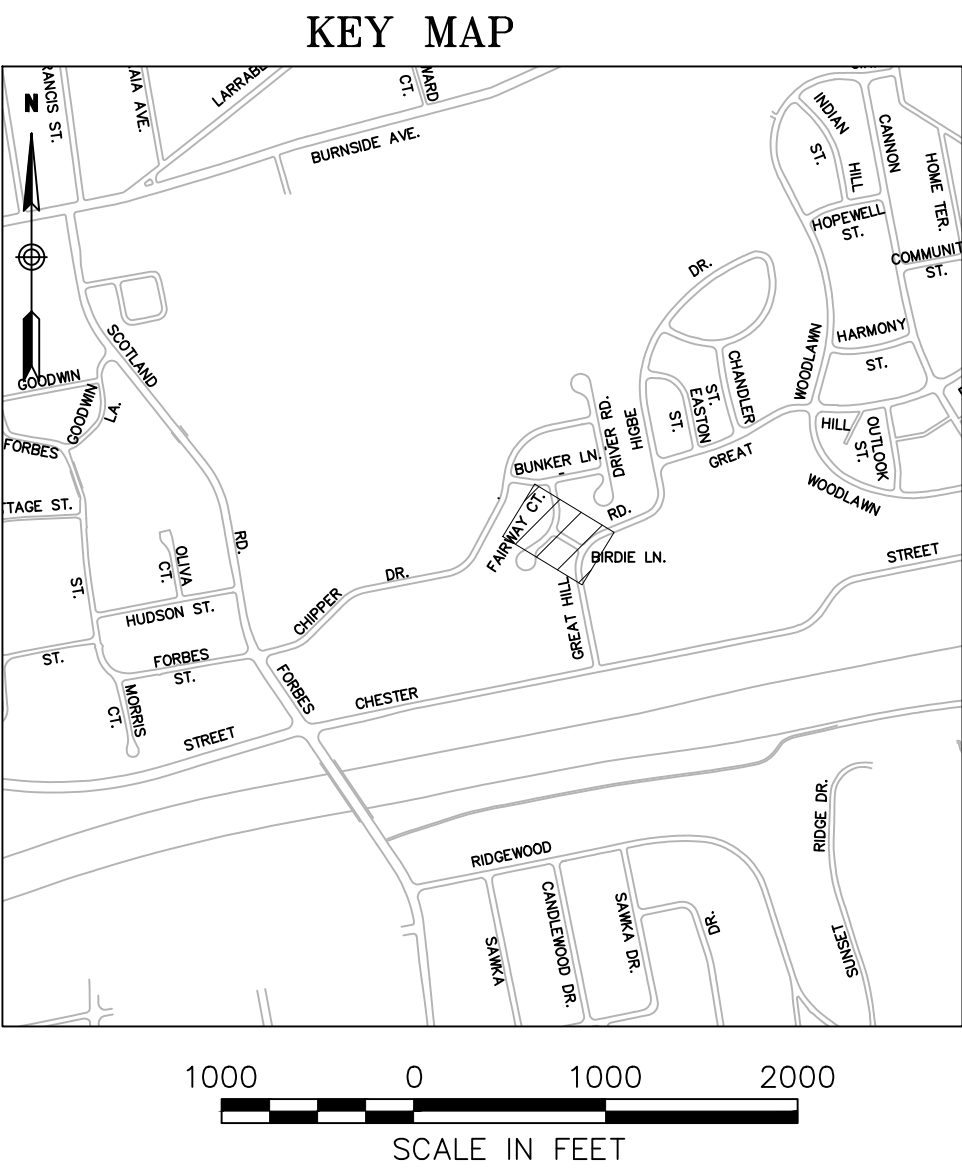
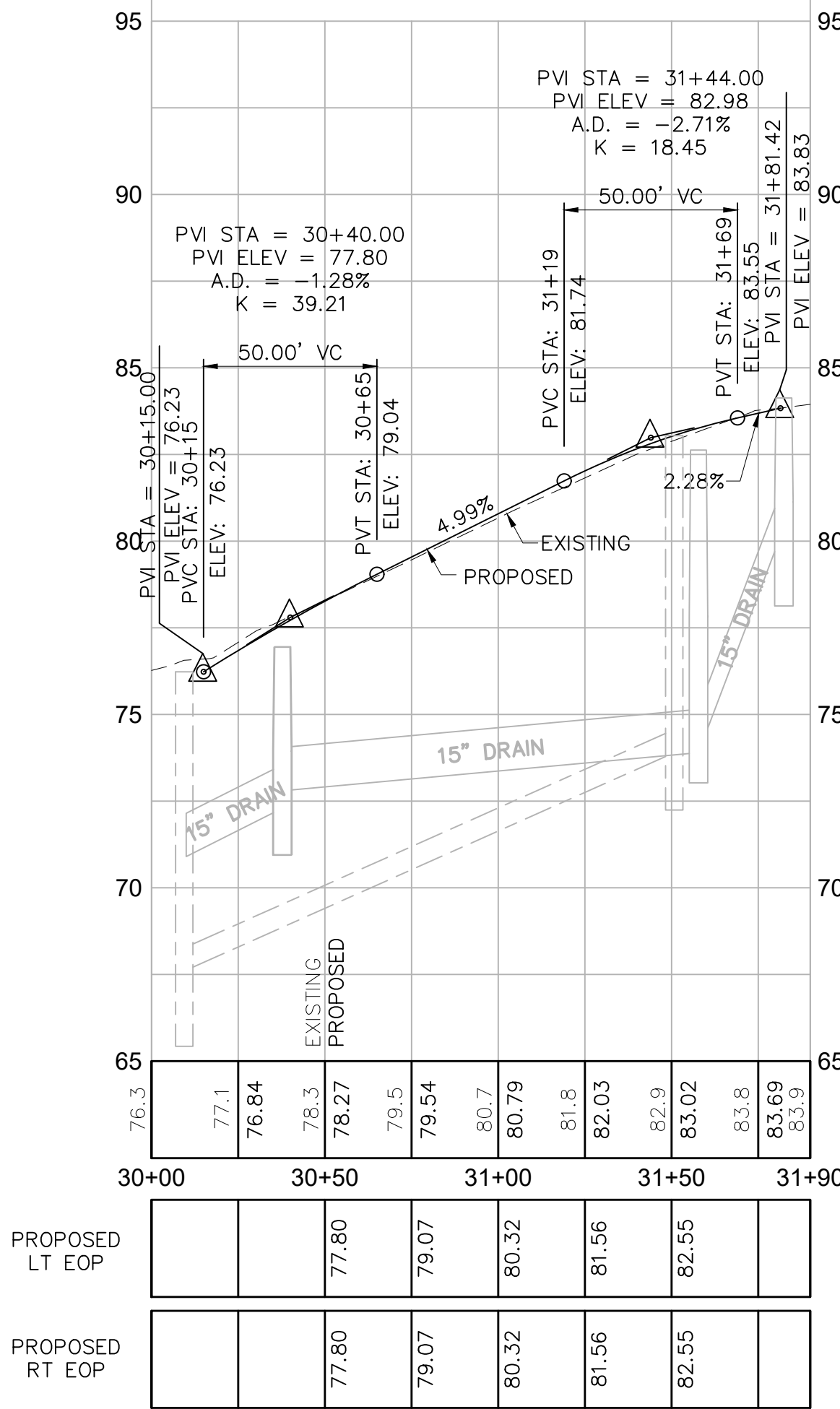
DRAWING NO.:

SHEET NO.:

XX OF XX



LEFT CROSS SLOPE	TRANSITION TO FAIRWAY COURT	-3.125%	TRANSITION TO GREAT HILL ROAD
	TRANSITION TO FAIRWAY COURT	-3.125%	TRANSITION TO GREAT HILL ROAD
RIGHT CROSS SLOPE	TRANSITION TO FAIRWAY COURT	-3.125%	TRANSITION TO GREAT HILL ROAD
	TRANSITION TO FAIRWAY COURT	-3.125%	TRANSITION TO GREAT HILL ROAD



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)

NOTES:

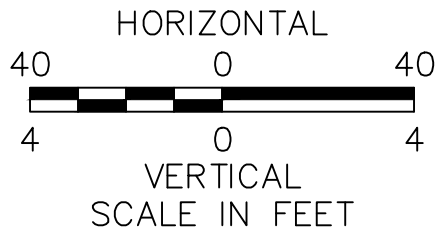
- THE CONTRACTOR SHALL COORDINATE AND EXCAVATE TEST PITS AT THE ANTICIPATED UTILITY CROSSING LOCATIONS WITH THE PROPOSED DRAINAGE STRUCTURES AND PIPES PRIOR TO CONSTRUCTING THE DRAINAGE IMPROVEMENTS AS REQUIRED AND AS APPROVED BY THE ENGINEER. MEASUREMENTS TO THE SERVICES AND MAINS SHALL BE TAKEN AND 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.
- 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.
- FOR THE SPECIFIED DRIVEWAYS:
SEE SPECIAL PROVISIONS FOR DRIVEWAY RECONSTRUCTION TABLES.
- THE LIMIT OF WORK CALLOUT AT INTERSECTION ROADWAYS REPRESENTS THE PAY LIMIT FOR EACH ROADWAY.
- 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.
- SEE INTERSECTION GRADING PLANS FOR EDGE OF PAVEMENT ELEVATIONS NOT SHOWN ON THIS SHEET.
- 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.
- 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.

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.



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

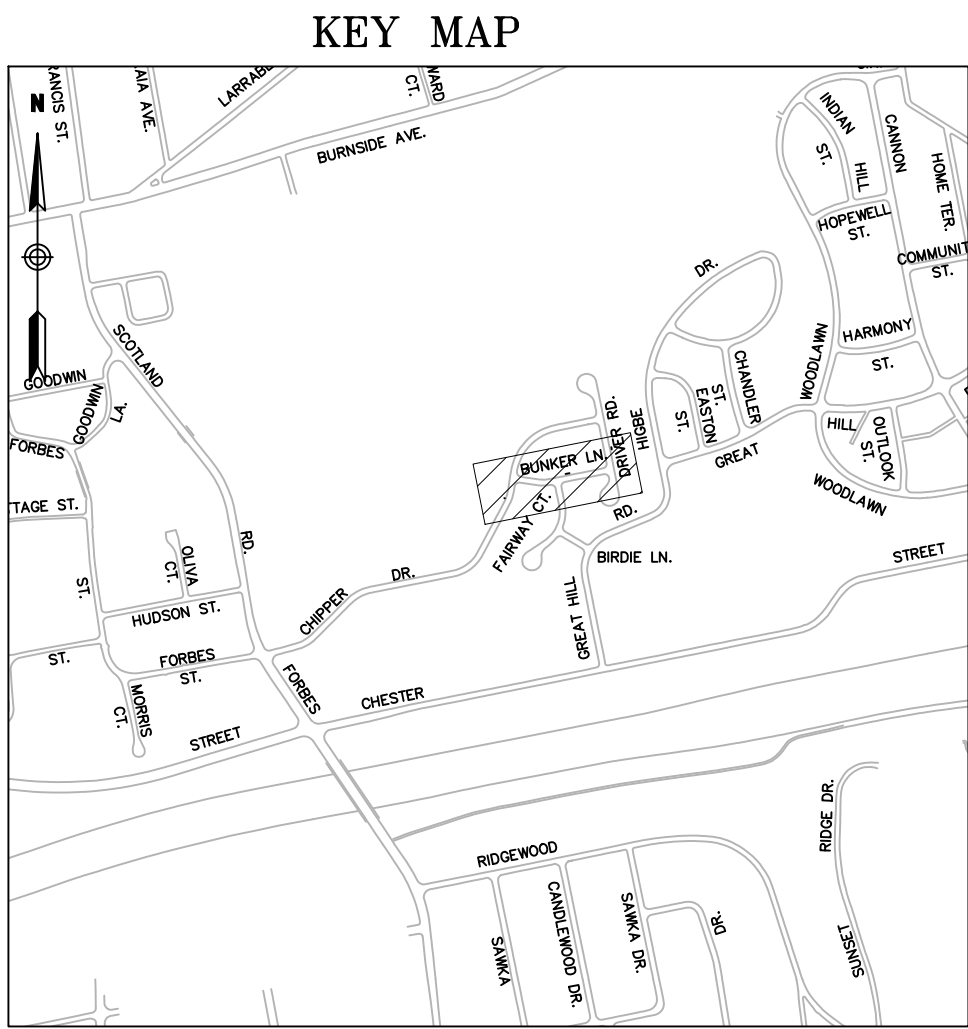
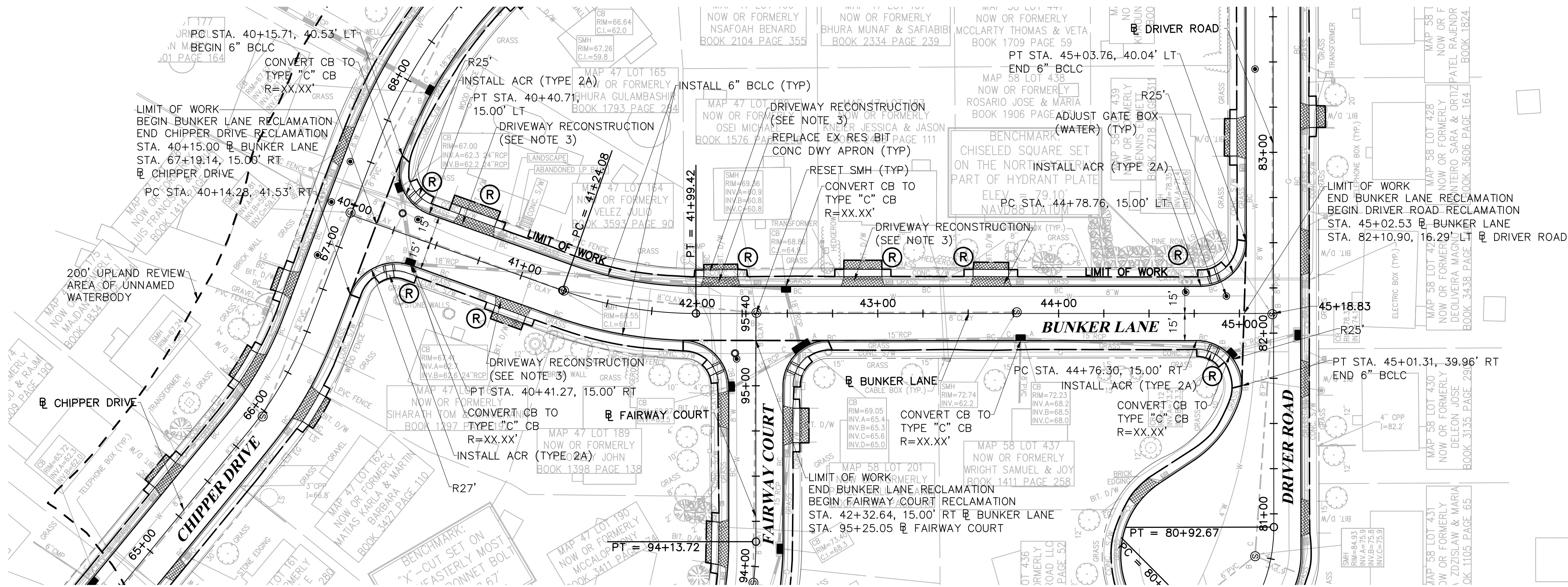
vhb
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017



PROJECT TITLE:
2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS
CADD FILENAME: PLN-BIRDIE-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
CONSTRUCTION PLAN
BIRDIE LANE

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-01
SHEET NO.:
XX OF XX



1000 0 1000 2000
SCALE IN FEET

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)

NOTES:

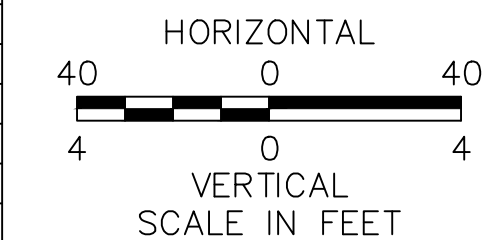
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- THE CONTRACTOR SHALL REPLACE ANY CURBING ALONG DRIVEWAY APRONS AND DRIVEWAYS DISTURBED OR REMOVED DURING CONSTRUCTION WITH EQUIVALENT CURBING AS APPROVED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE DRIVEWAY RAMP WORK AND SHALL NOT BE MEASURED FOR PAYMENT.
- FOR THE SPECIFIED DRIVEWAYS:
SEE SPECIAL PROVISIONS FOR DRIVEWAY RECONSTRUCTION TABLES.
- THE LIMIT OF WORK CALLOUT AT INTERSECTION ROADWAYS REPRESENTS THE PAY LIMIT FOR EACH ROADWAY.
- 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.
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Approval Date: _____

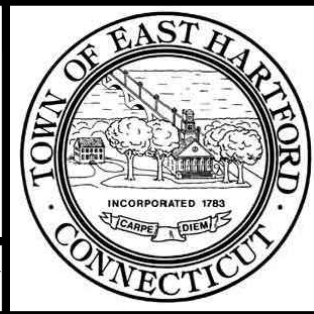
Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.



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

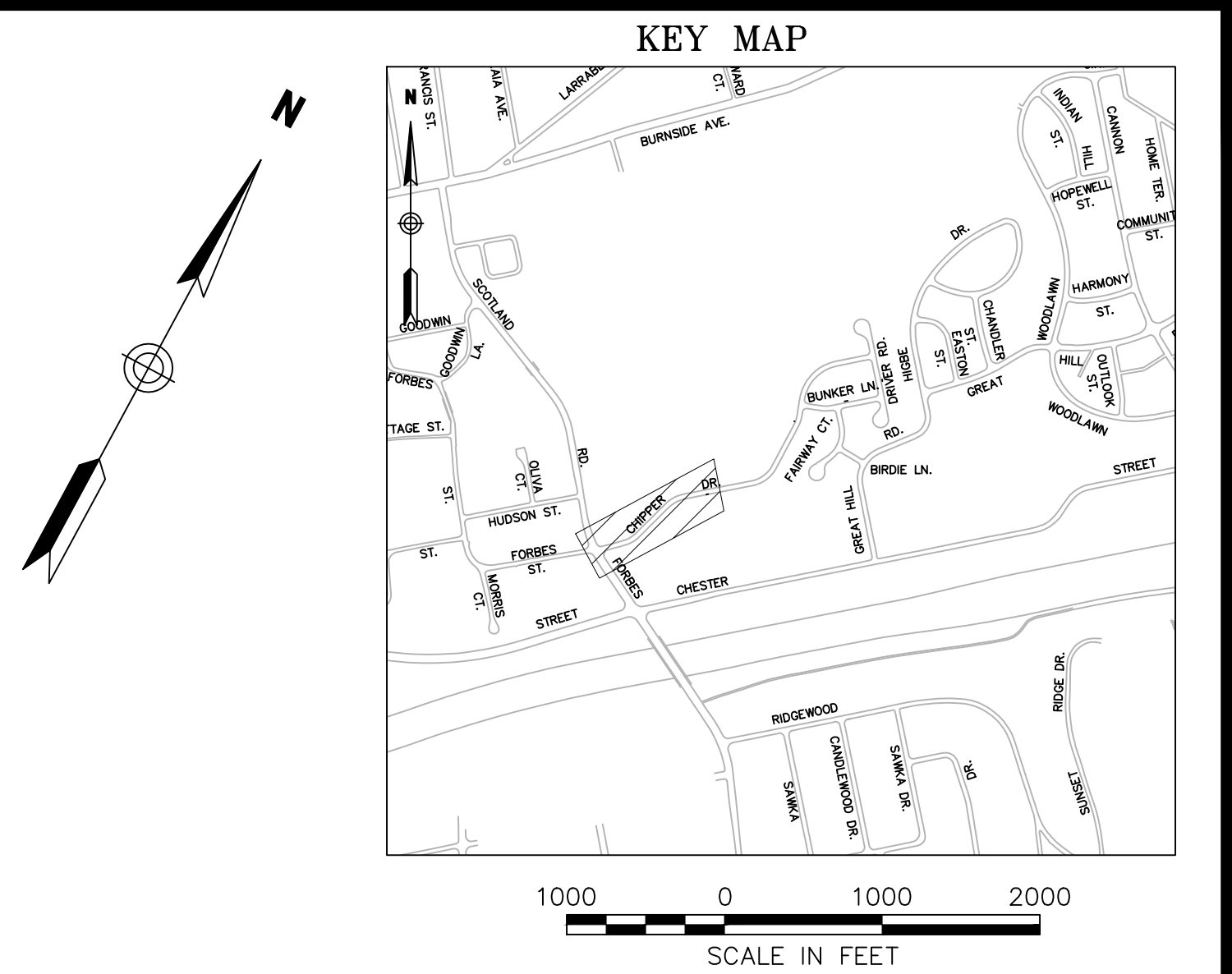
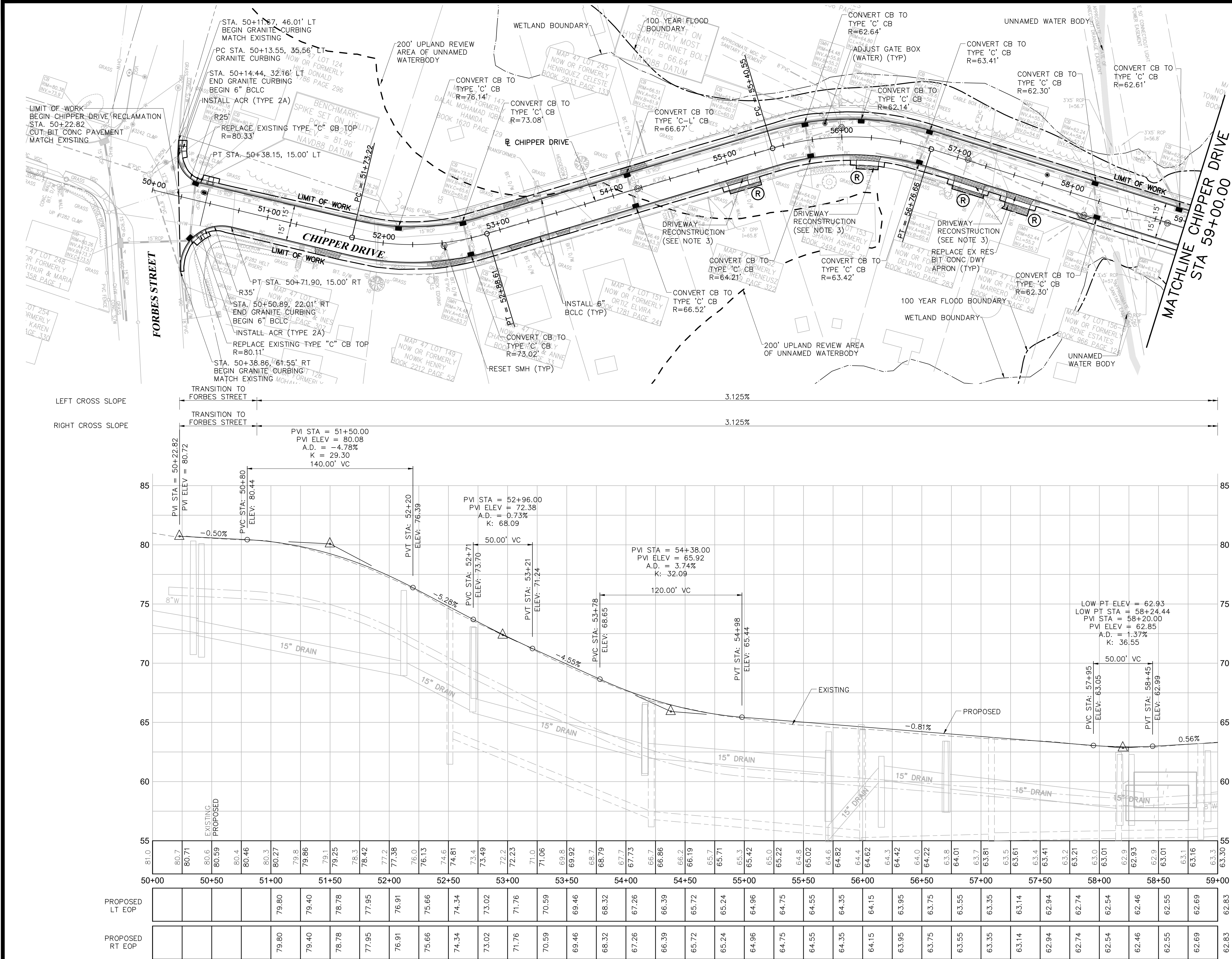
vhb
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017



PROJECT TITLE:
**2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS**
CADD FILENAME: PLN-BUNKER-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
**CONSTRUCTION PLAN
BUNKER LANE**

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-02
SHEET NO.:
XX OF XX



- 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.
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 3. FOR THE SPECIFIED DRIVEWAYS:

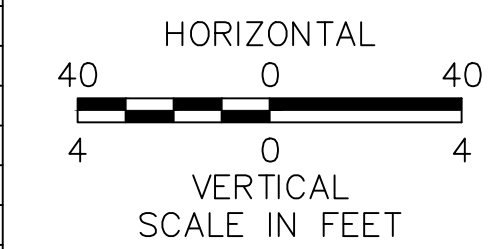
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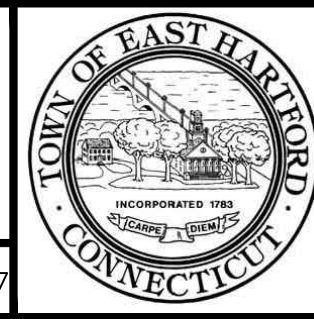
Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION REVISIONS	SHEET. NO.



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



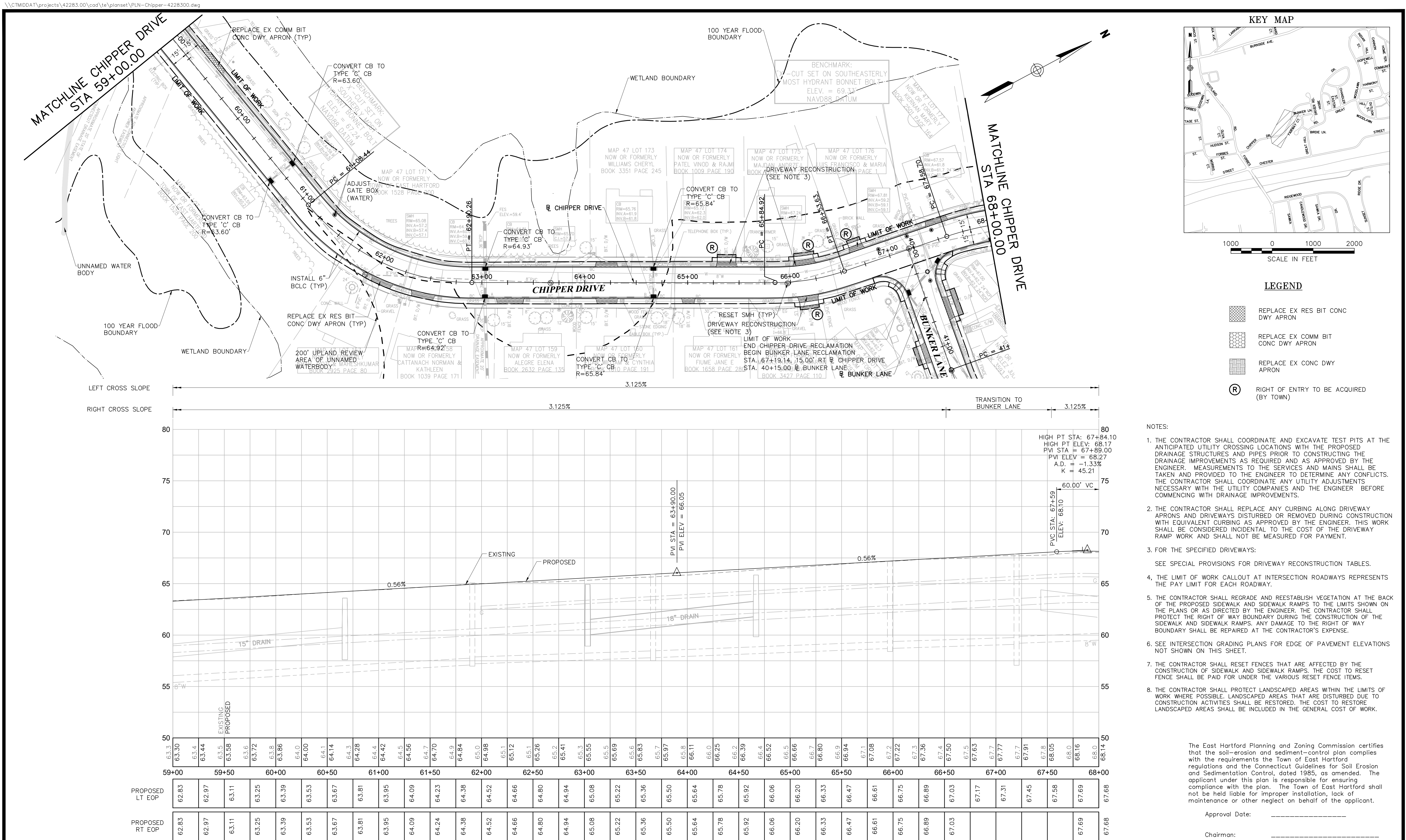
PROJECT TITLE:

2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

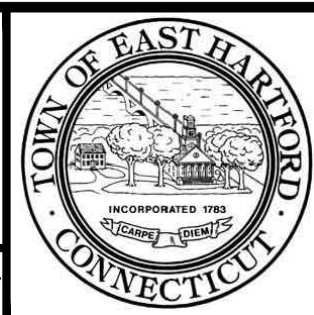
CADD FILENAME: PLN-CHIPPER-4228300.DWG

TOWN:	EAST HARTFORD, CONNECTICUT
DRAWING TITLE:	CONSTRUCTION PLAN CHIPPER DRIVE

PROJECT NO.:	42283.00
DRAWING NO.:	PLN-03
SHEET NO.:	XX OF XX

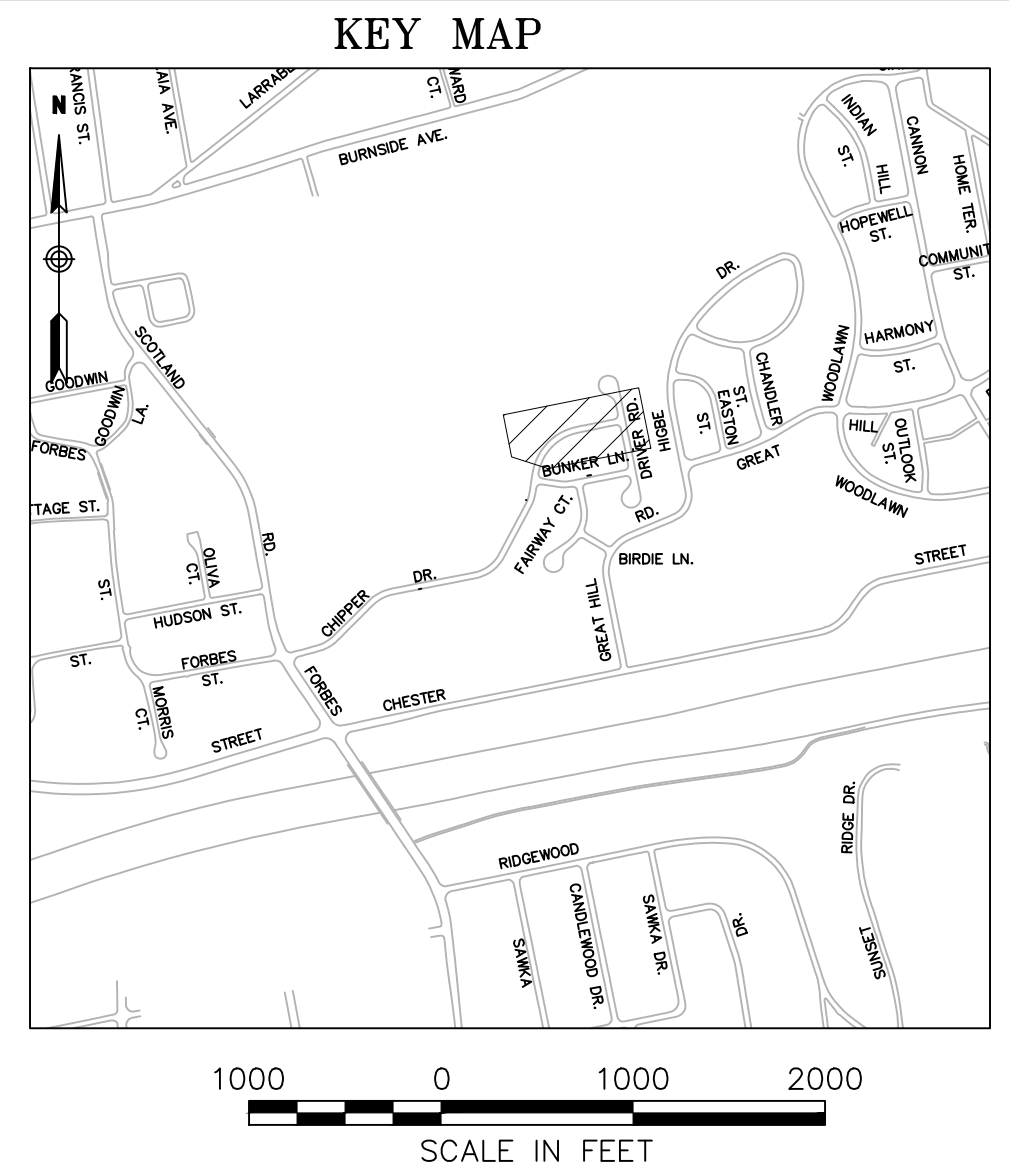
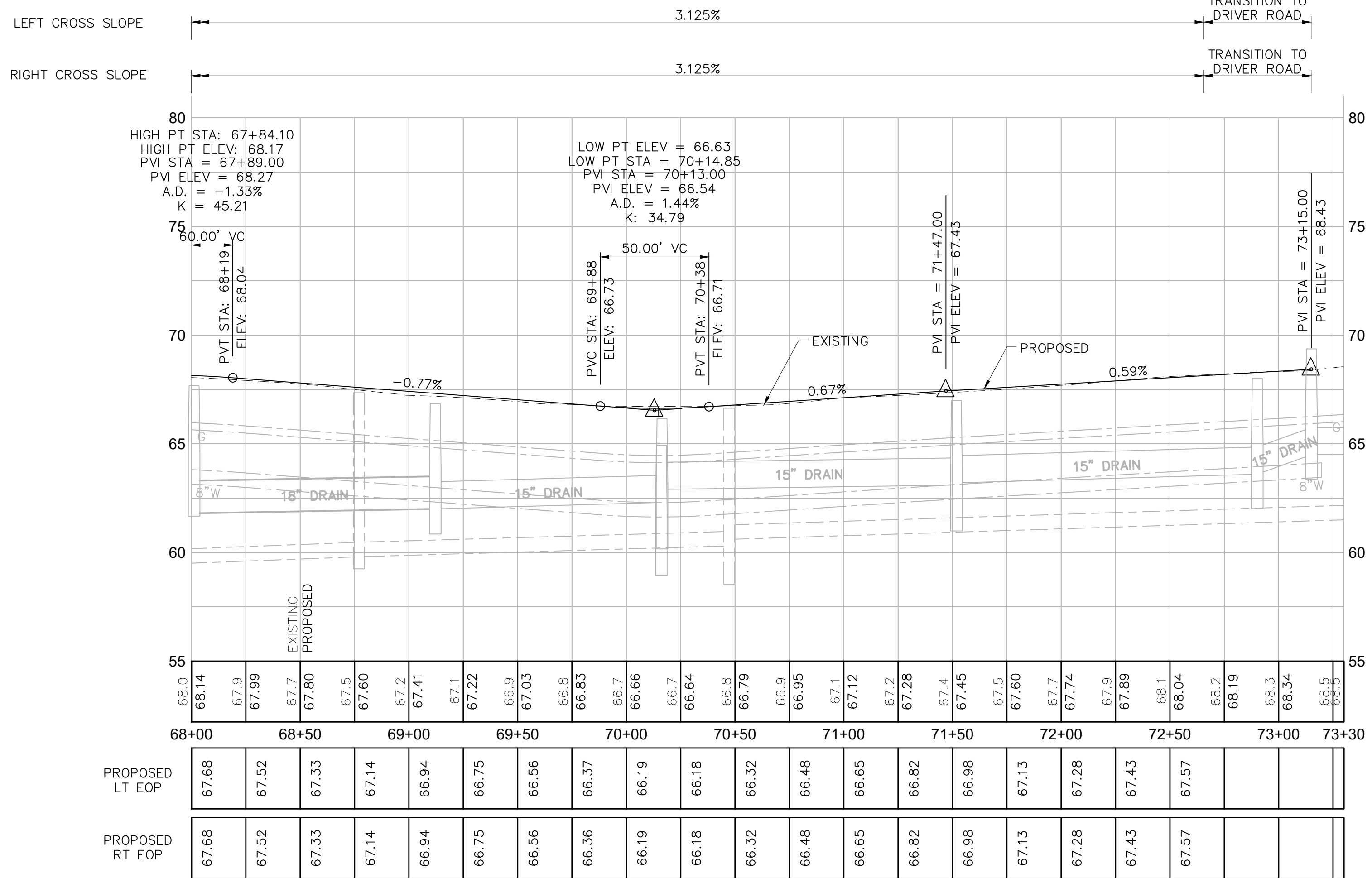
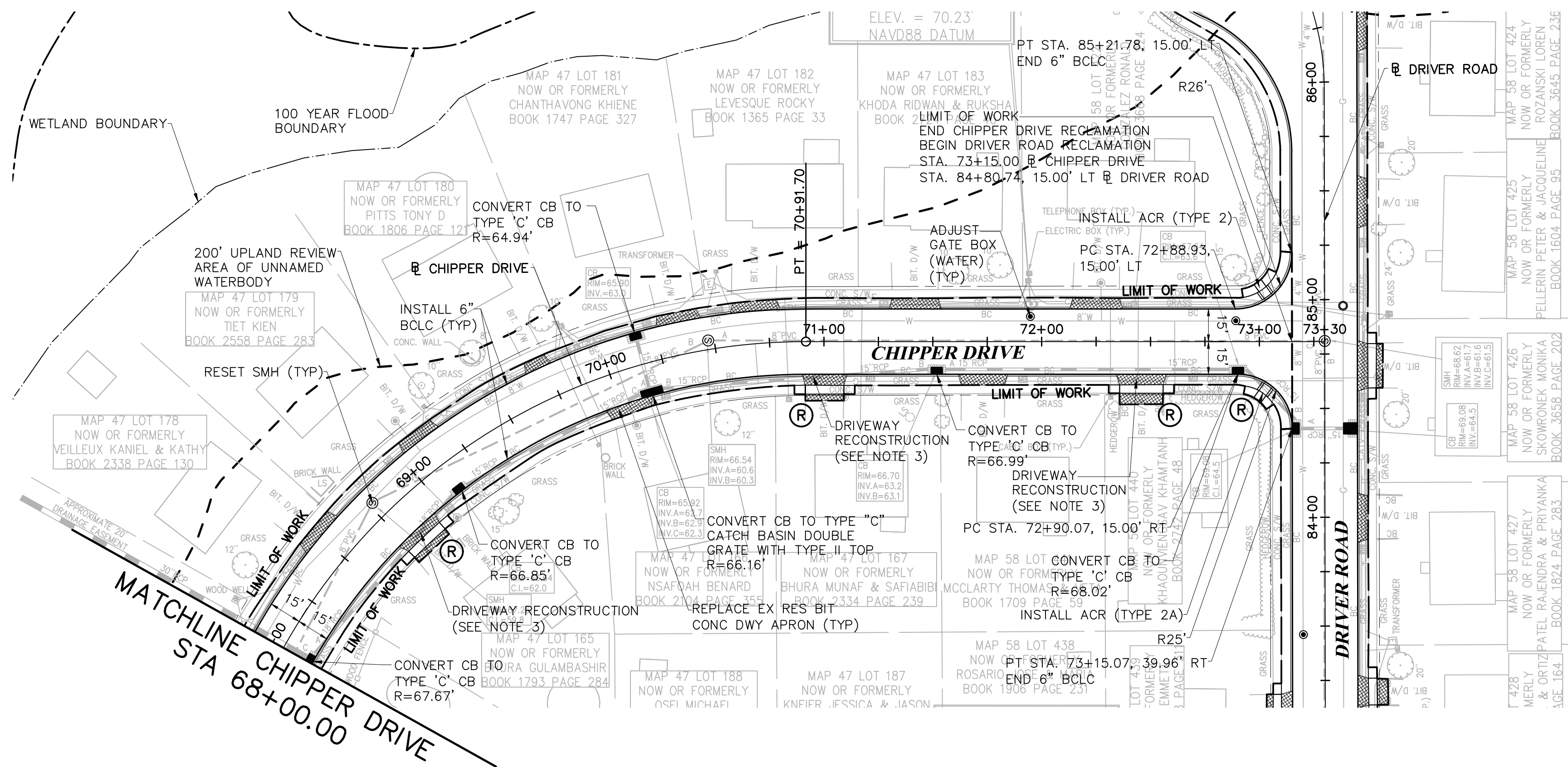


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	DRAFTER: JE
	CHECKED BY: BAA
	APPROVED BY: SON







TOWN:
EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
CHIPPER DRIVE



LEGEND

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|  | REPLACE EX CONC DWY
APRON |
|  | RIGHT OF ENTRY TO BE ACQUIRED
(BY TOWN) |

NOTES:

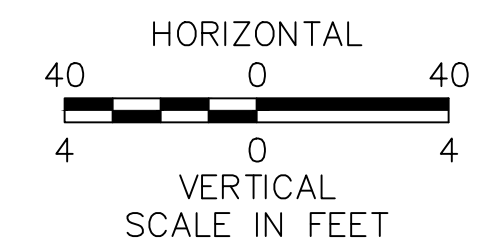
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Chairman: _____

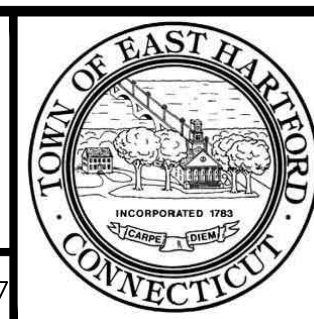
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DESIGNER:	EAN
DRAFTER:	JE
CHECKED BY:	BAA
APPROVED BY:	SON



Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE:SEPTEMBER 22, 2017



PROJECT TITLE:
2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

CADD FILENAME: PLN-CHIPPER-4228300.DWG

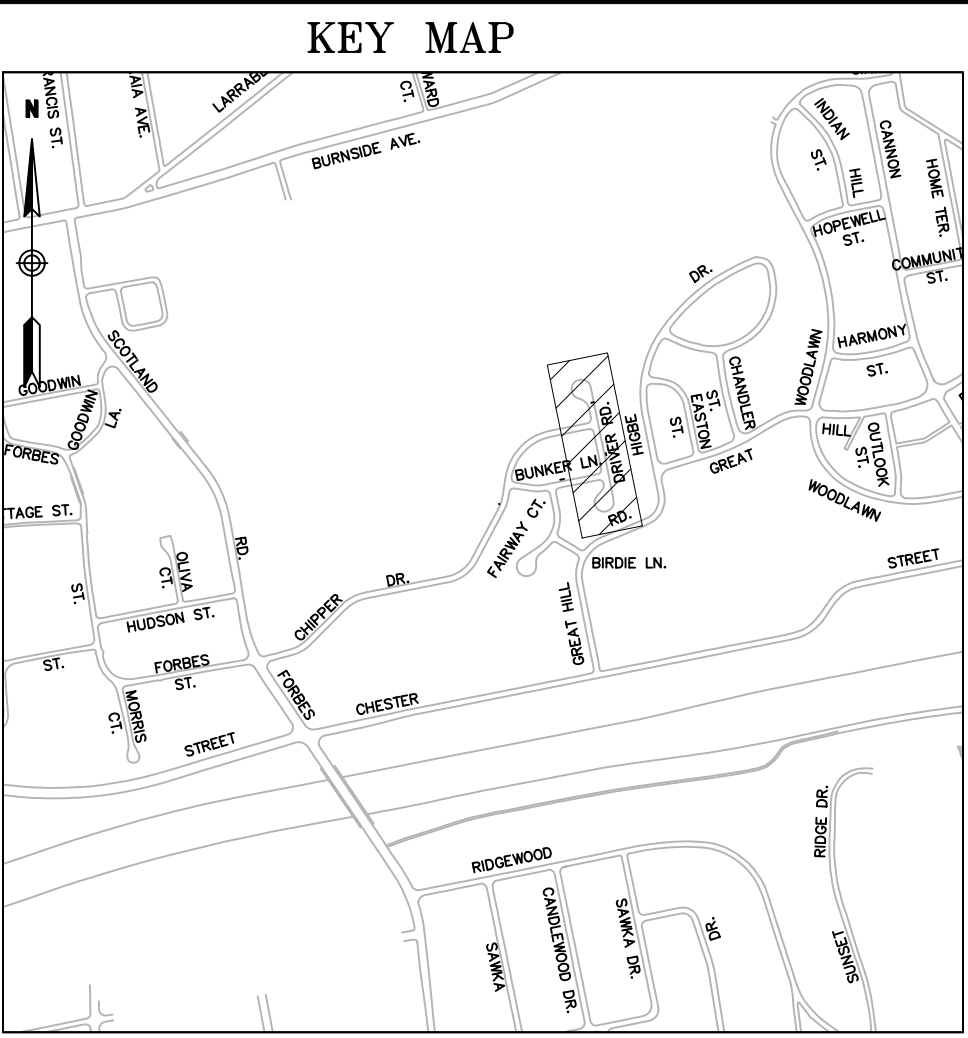
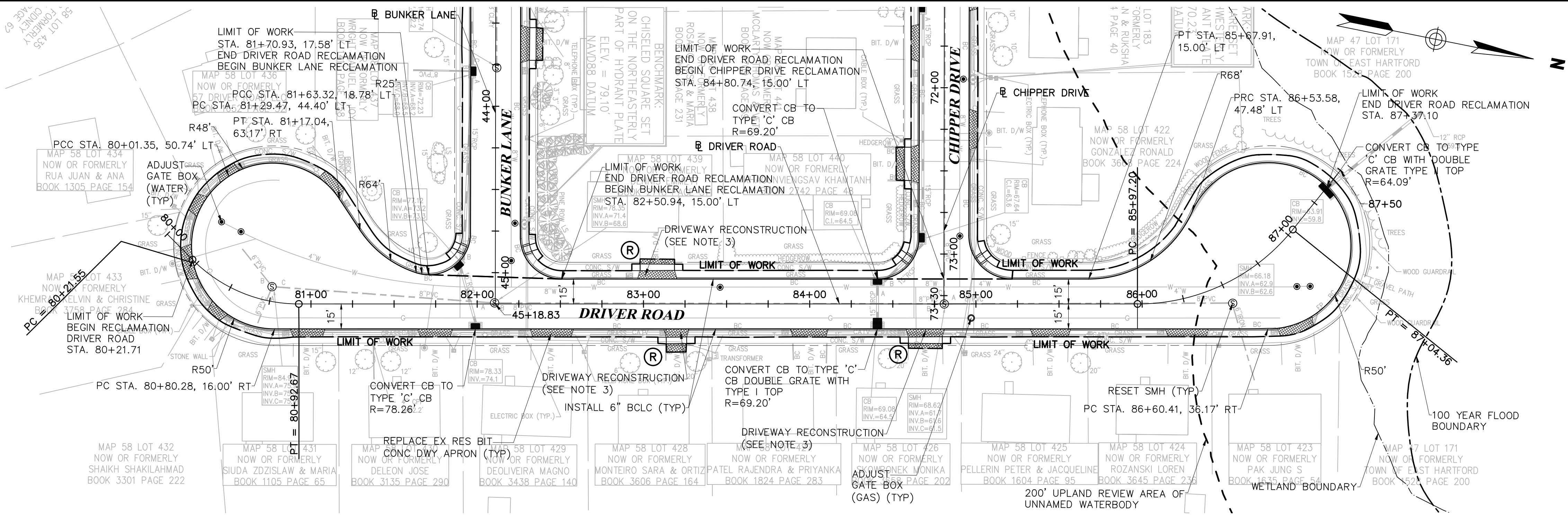
TOWN: EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
CHIPPER DRIVE

PROJECT NO.:
42283.00

DRAWING NO.:
PLN-05

SHEET NO.:
XX OF XX



LEGEND

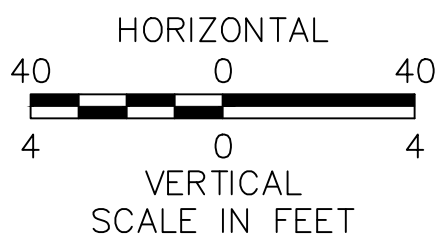
- REPLACE EX RES BIT CONC DWY APRON
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Chairman: _____

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JE
CHECKED BY:
BAA
APPROVED BY: SON

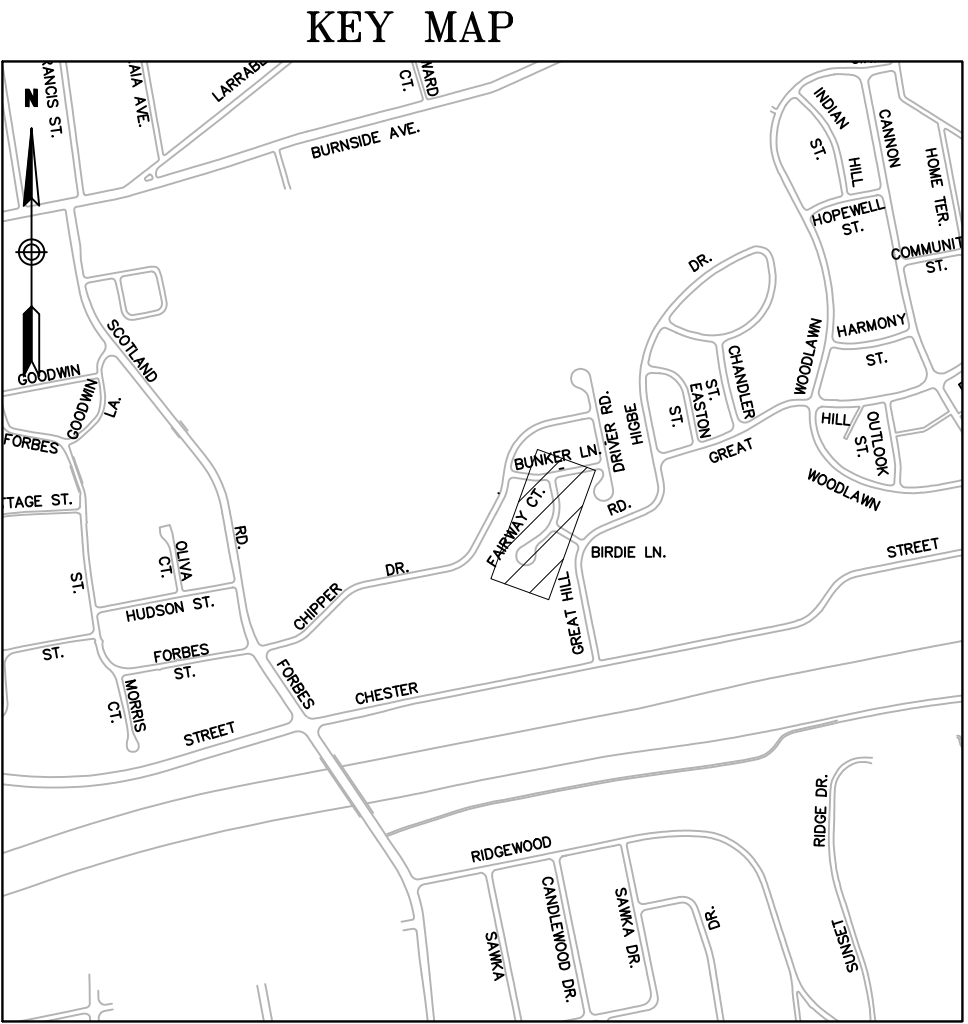
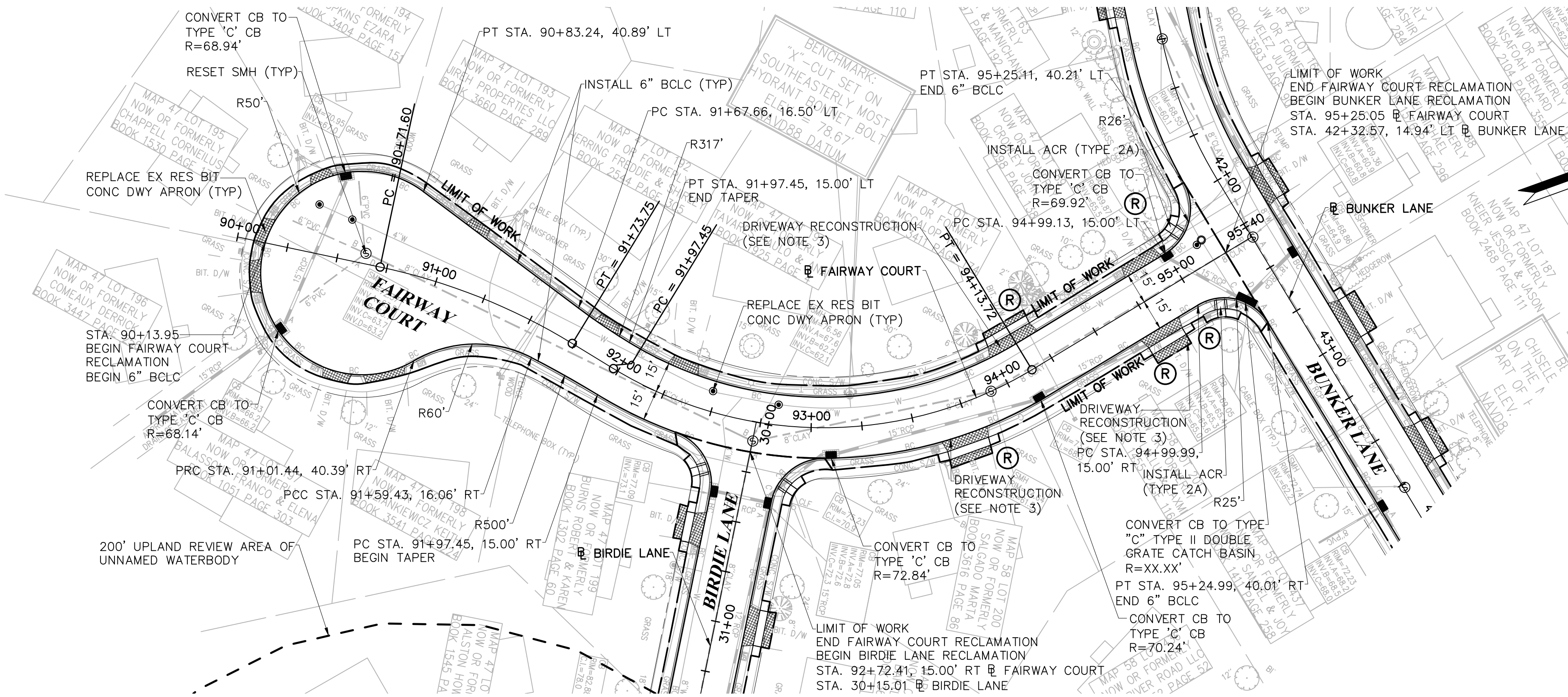
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017



PROJECT TITLE:
2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS
CADD FILENAME: PLN-Driver-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
CONSTRUCTION PLAN
DRIVER ROAD

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-06
SHEET NO.:
XX OF XX



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Approval Date: _____
Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.

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SCALE IN FEET

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

Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017

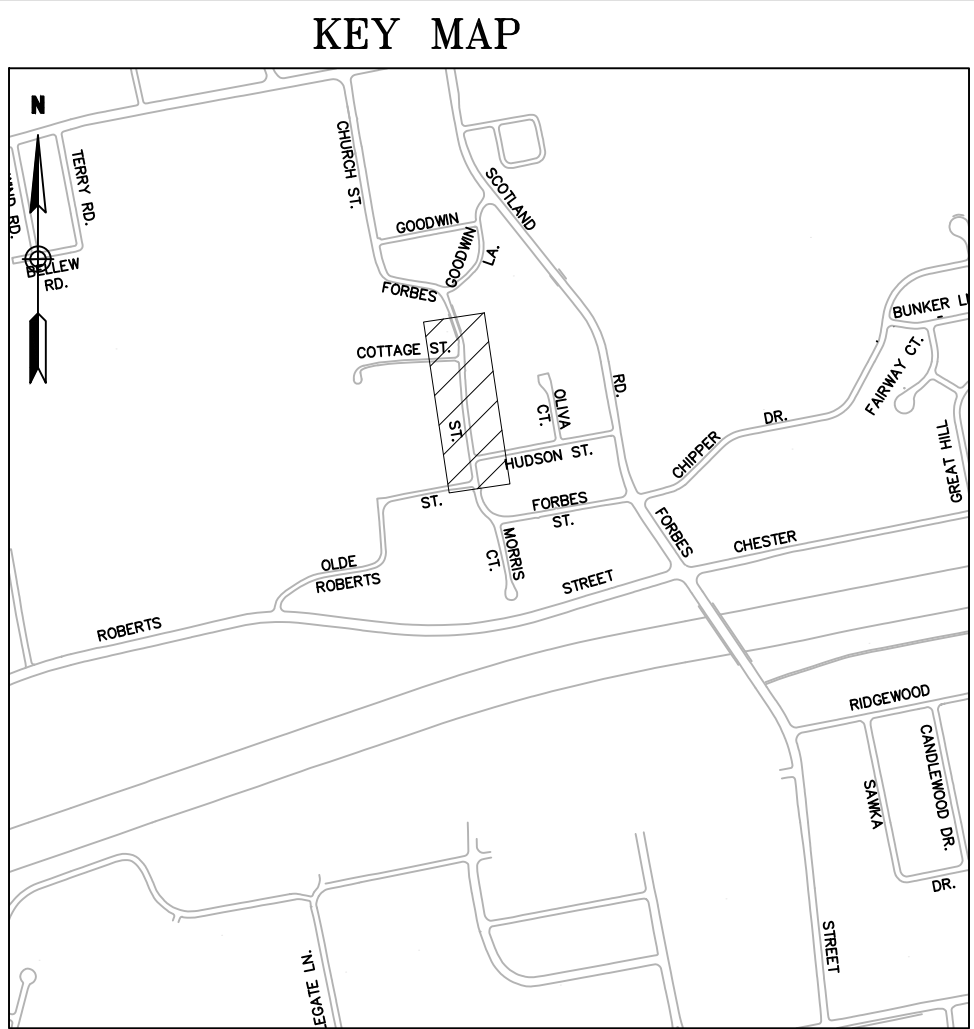
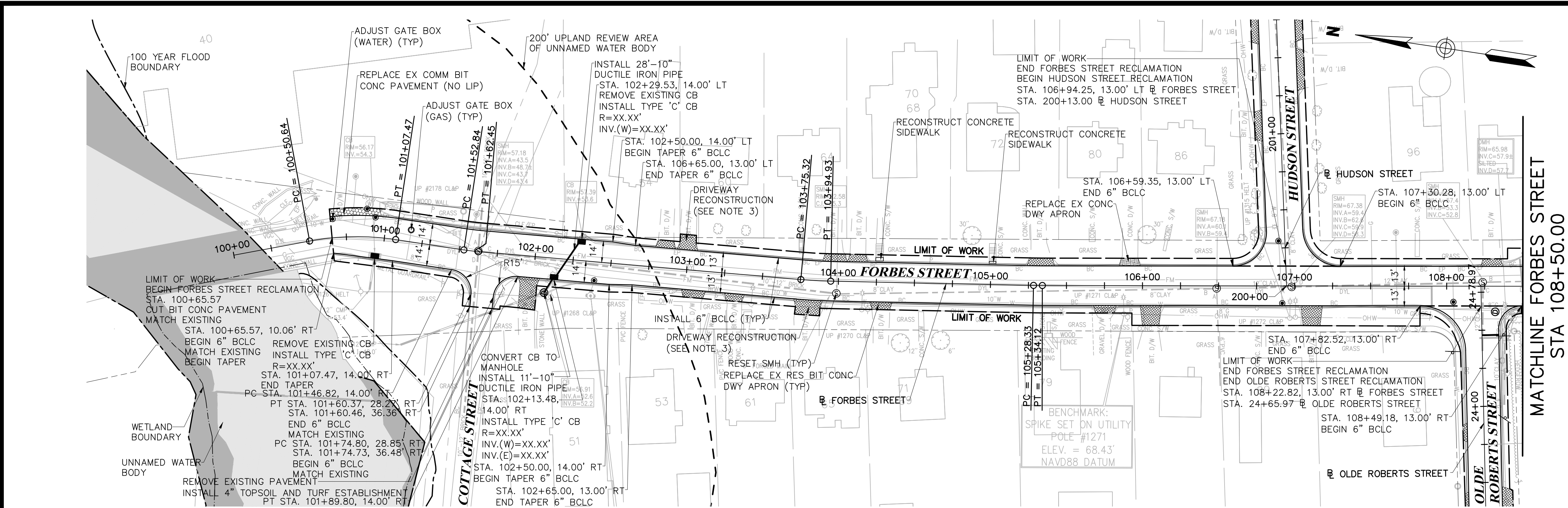
TOWN OF EAST HARTFORD
CONNECTICUT

PROJECT TITLE:
2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS
CADD FILENAME: PLN-FAIRWAY-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
CONSTRUCTION PLAN
FAIRWAY COURT

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-07
SHEET NO.:
XX OF XX

Nov 28, 2017



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- REPLACE EX RES BIT CONC DWY APRON
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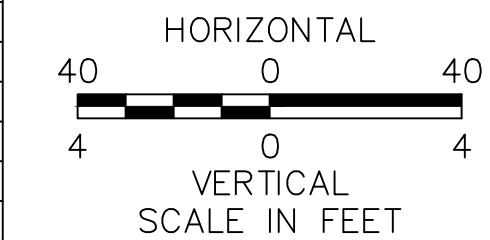
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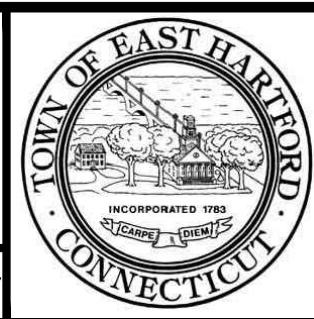
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JRE
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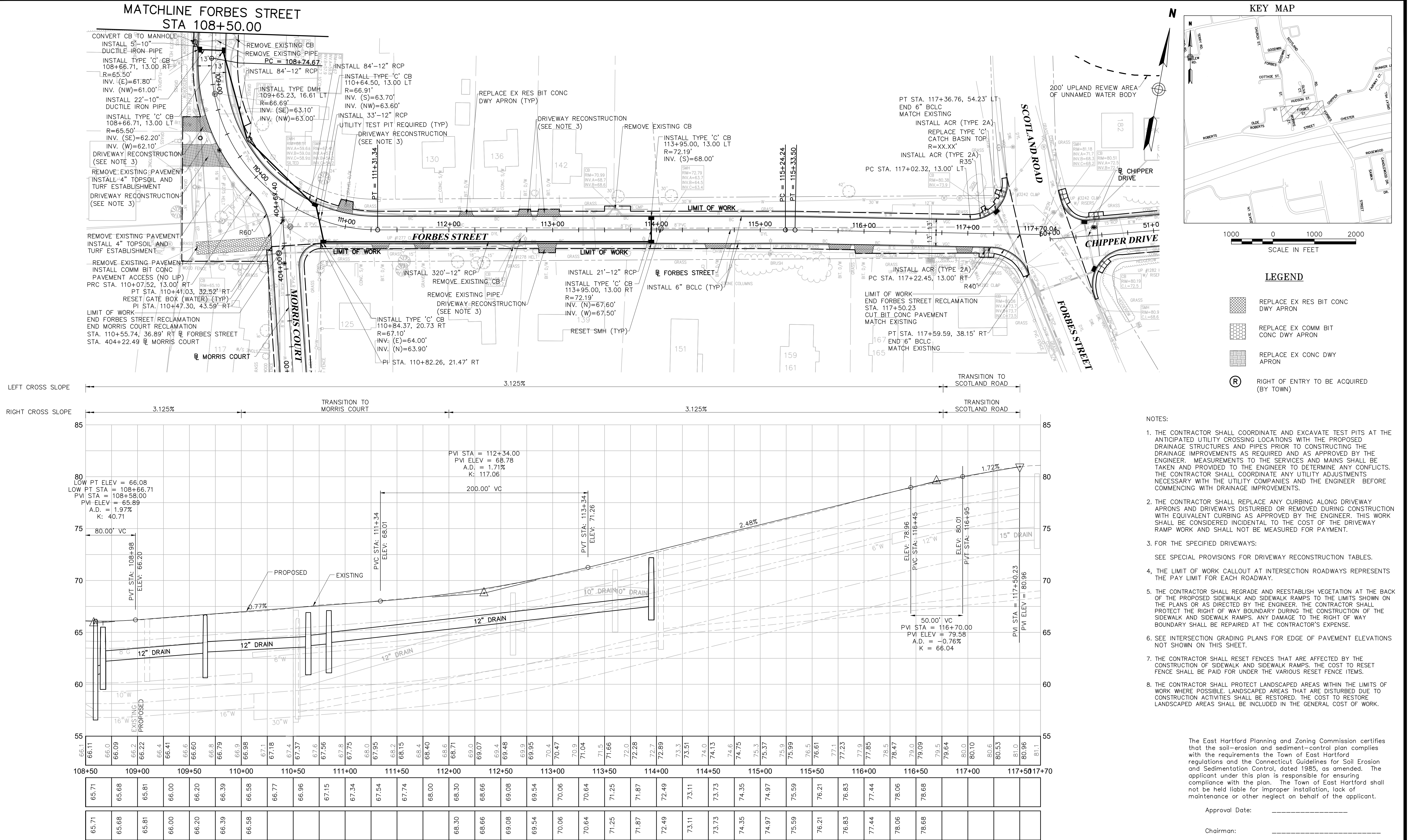
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Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017



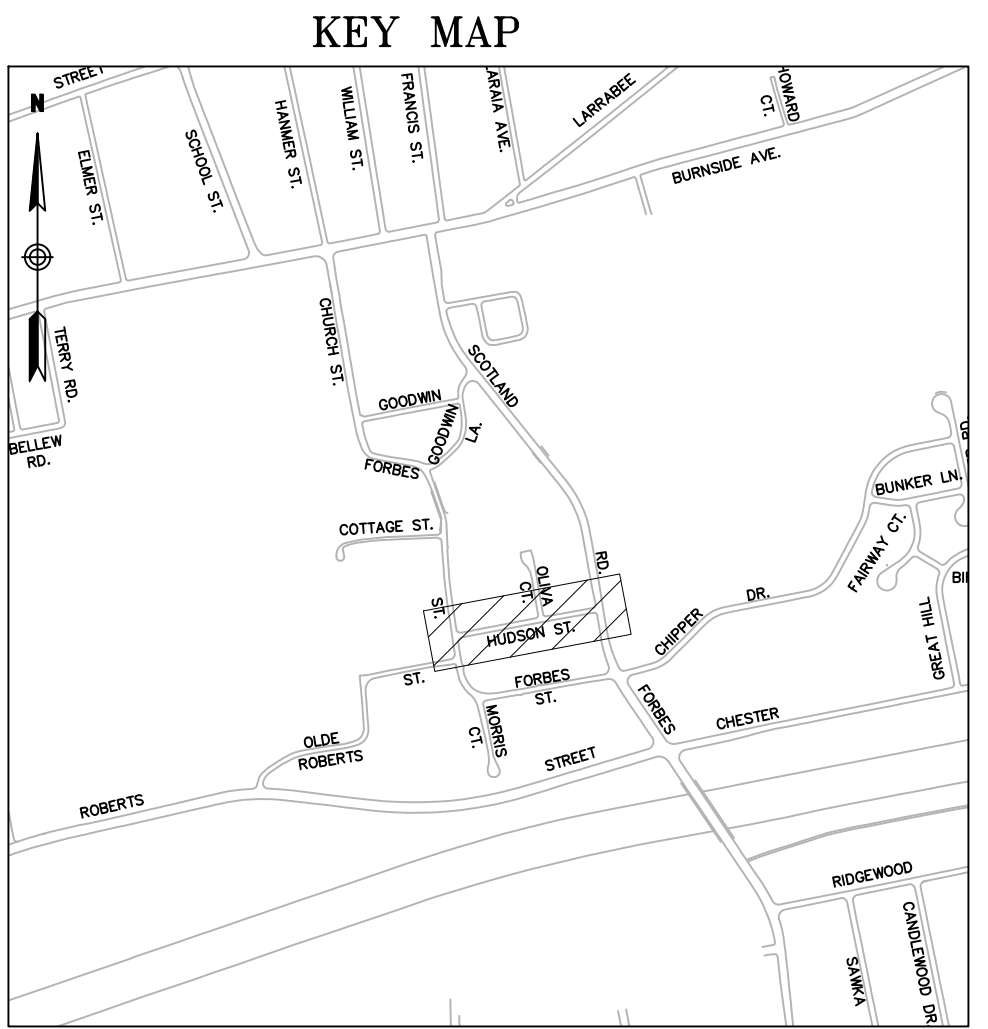
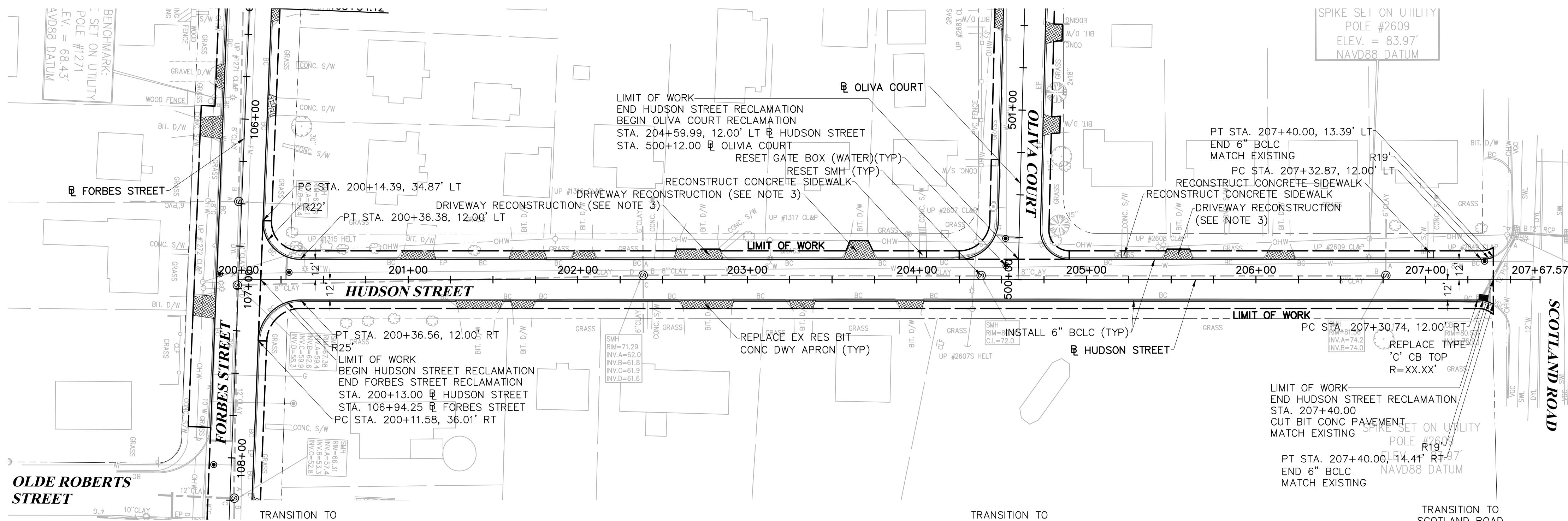
PROJECT TITLE:
**2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS**
CADD FILENAME: PLN-FORBES-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
**CONSTRUCTION PLAN
FORBES STREET**

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-08
SHEET NO.:
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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: _____

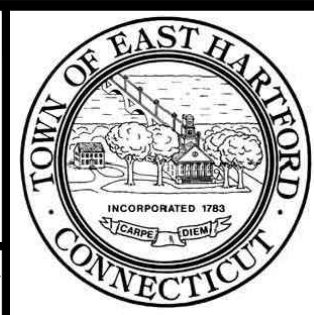
Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.



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

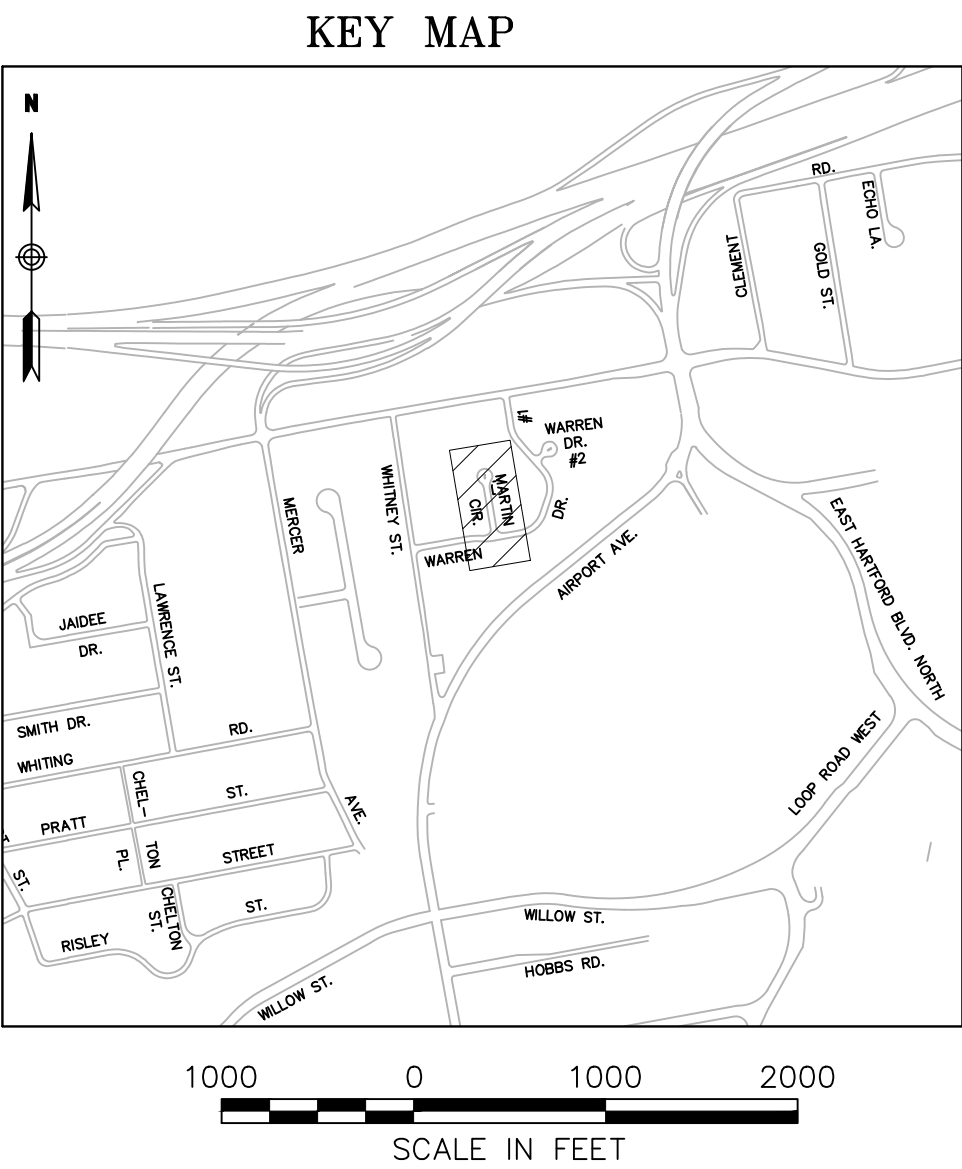
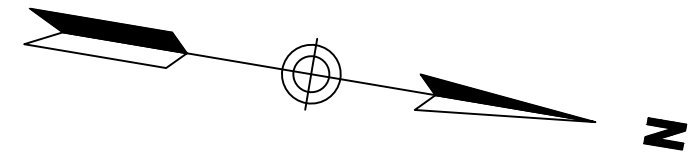
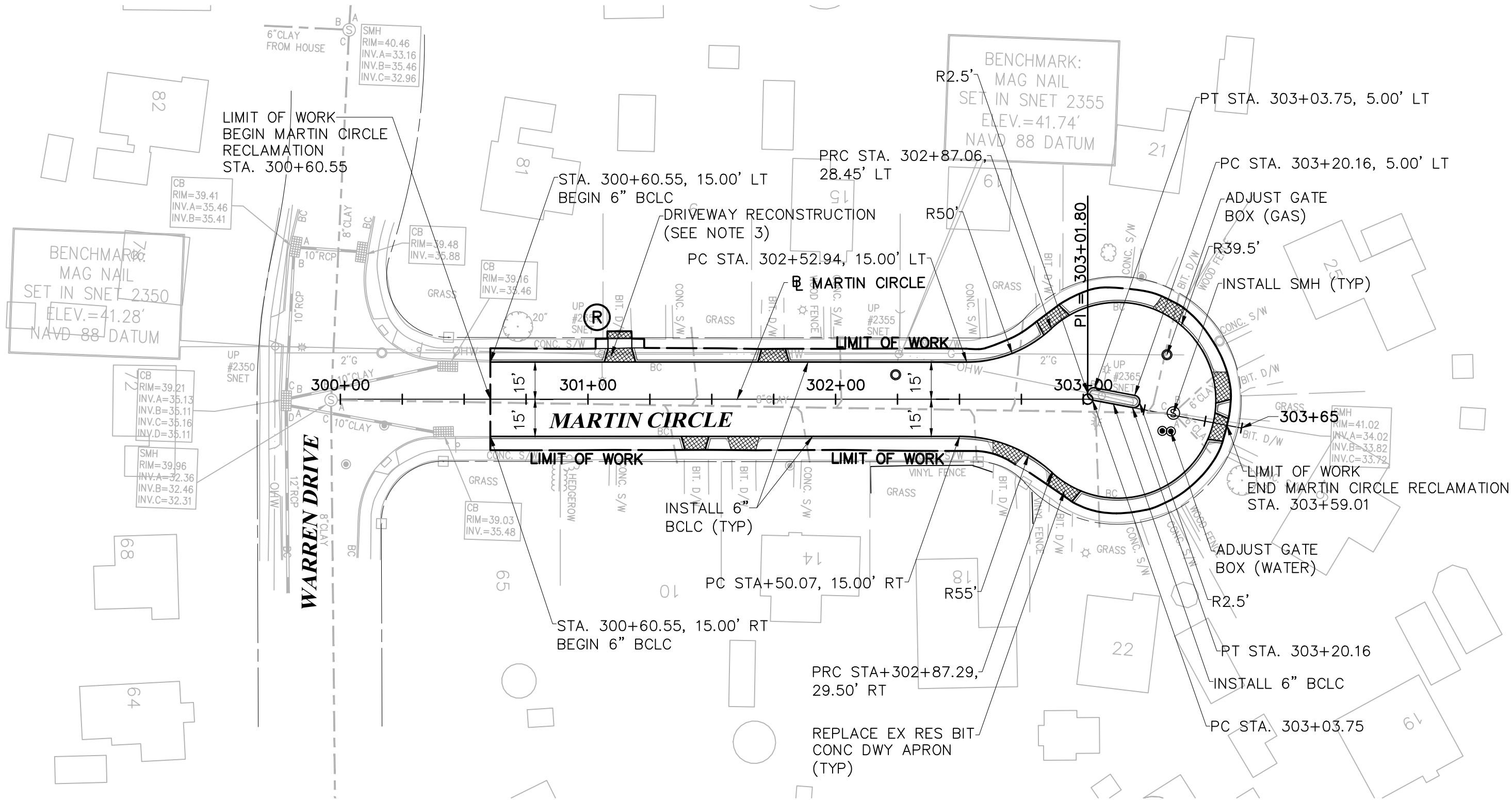
vhb
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017



PROJECT TITLE:
**2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS**
CADD FILENAME: PLN-HUDSON-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
**CONSTRUCTION PLANS
HUDSON STREET**

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-10
SHEET NO.:
XX OF XX



LEGEND

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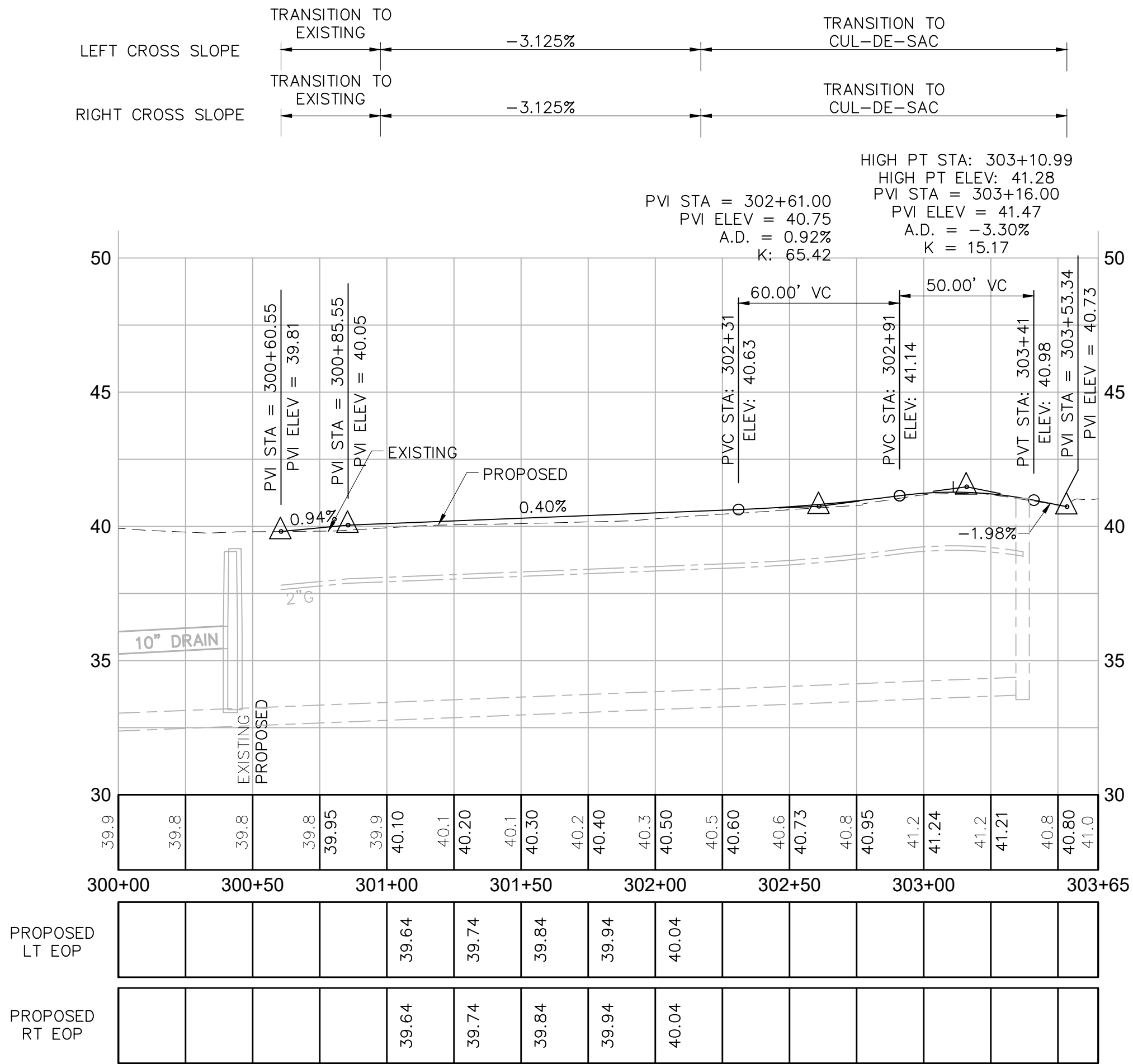
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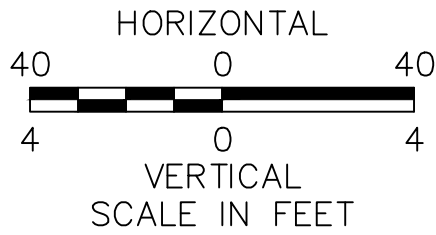
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Approval Date: _____

Chairman: _____



REV.	DATE	DESCRIPTION	SHEET. NO.



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

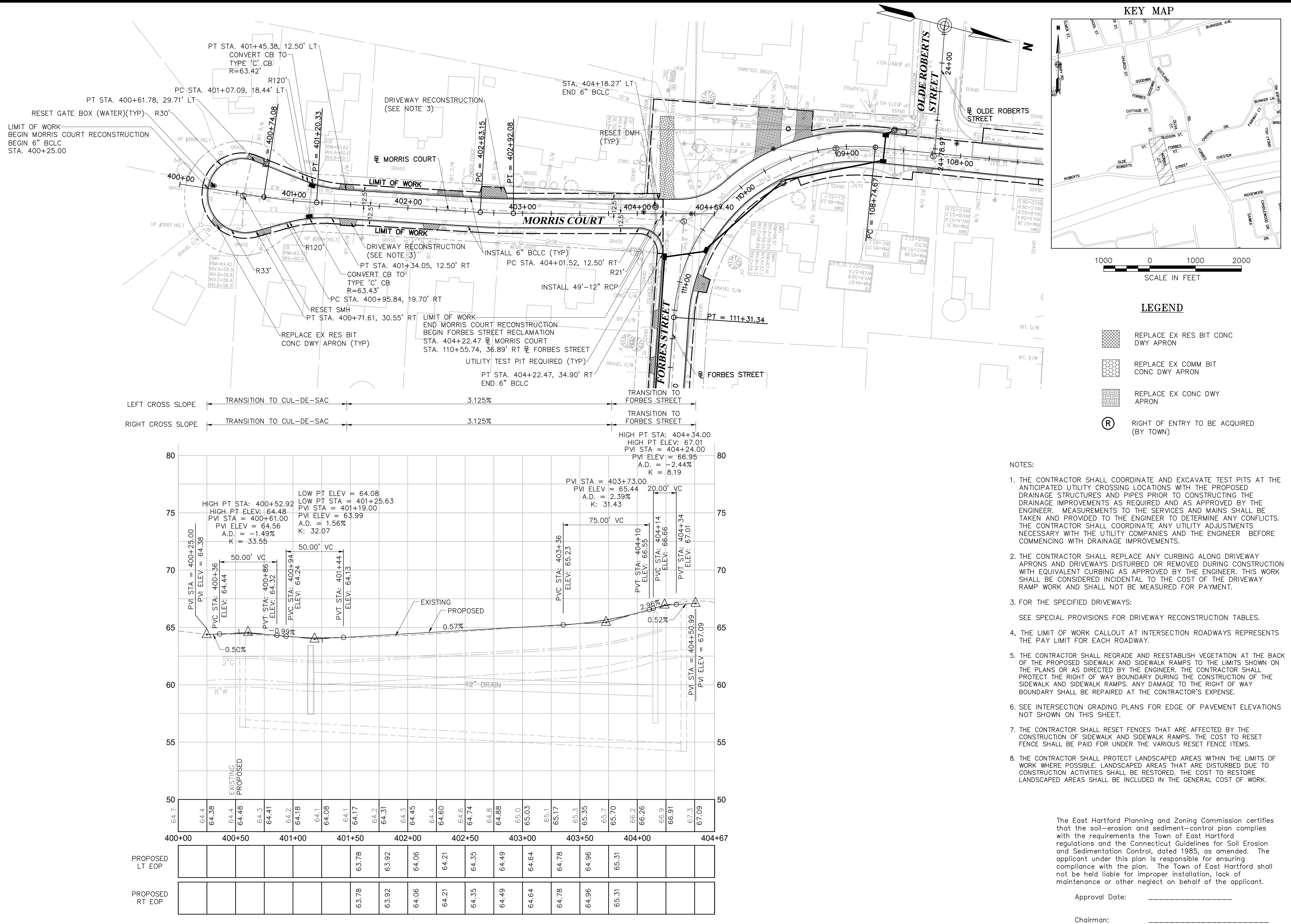
vhb
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017

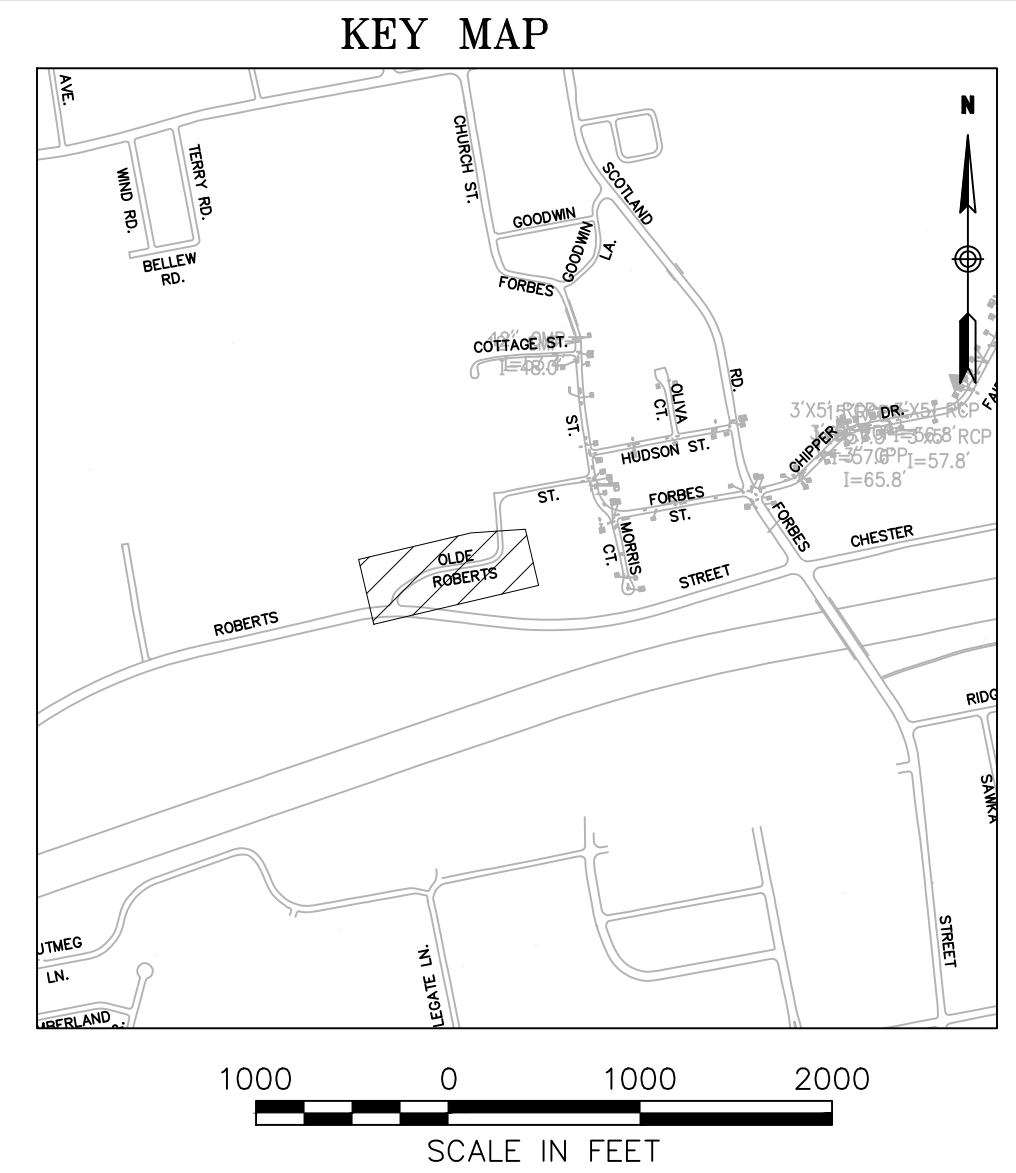
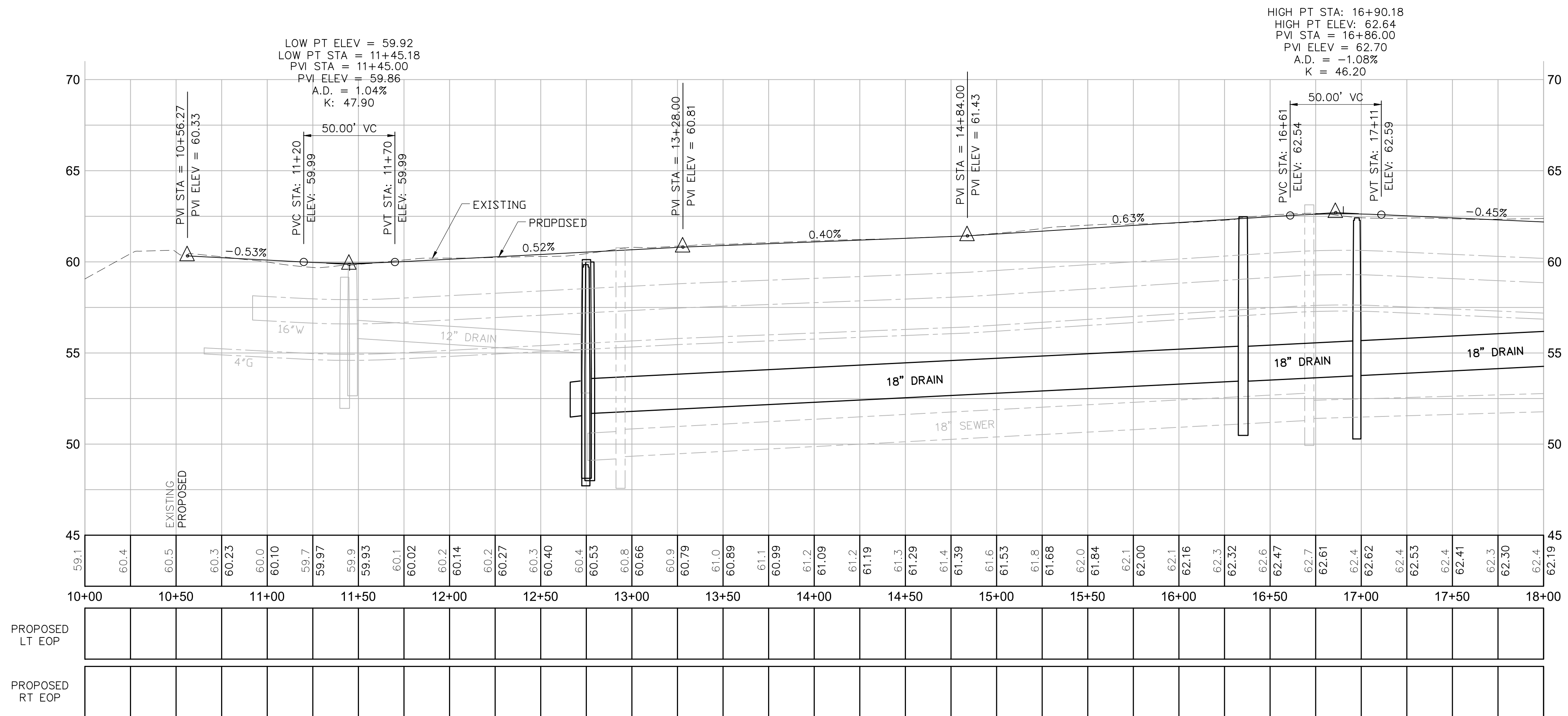
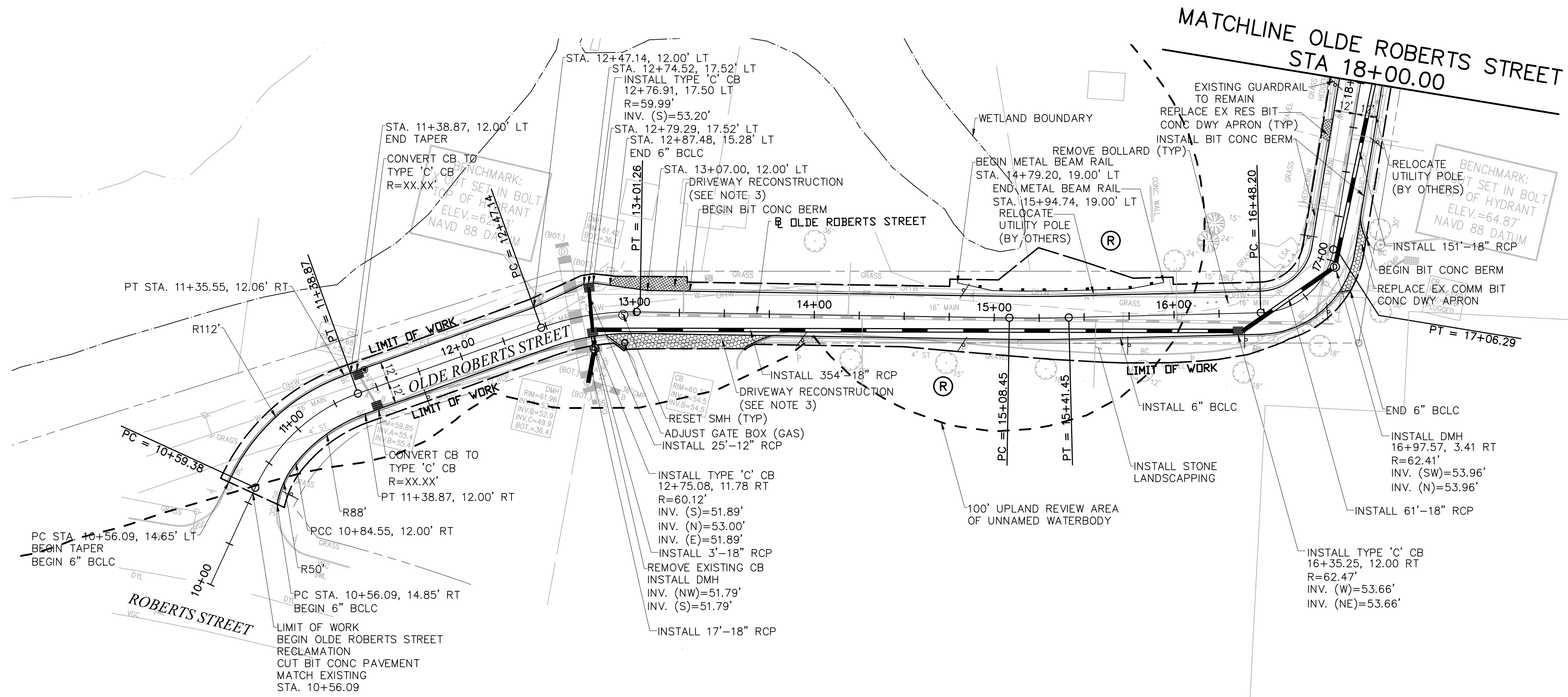


PROJECT TITLE:
2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS
CADD FILENAME: PLN-MARTIN-4228300.DWG





TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
CONSTRUCTION PLAN
MARTIN CIRCLE

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-11
SHEET NO.:
XX OF XX

[illegible]



LEGEND

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DWY APRON |
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CONC DWY APRON |
|  | REPLACE EX CONC DWY
APRON |
|  | RIGHT OF ENTRY TO BE ACQUIRED
(BY TOWN) |

NOTES:

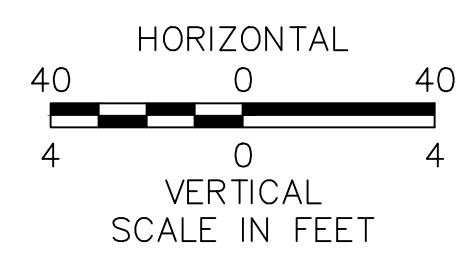
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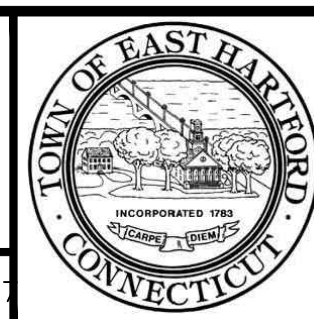
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DESIGNER:	JRE
DRAFTER:	JRE
CHECKED BY:	BAA
APPROVED BY:	SON



Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 201



PROJECT TITLE:

2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

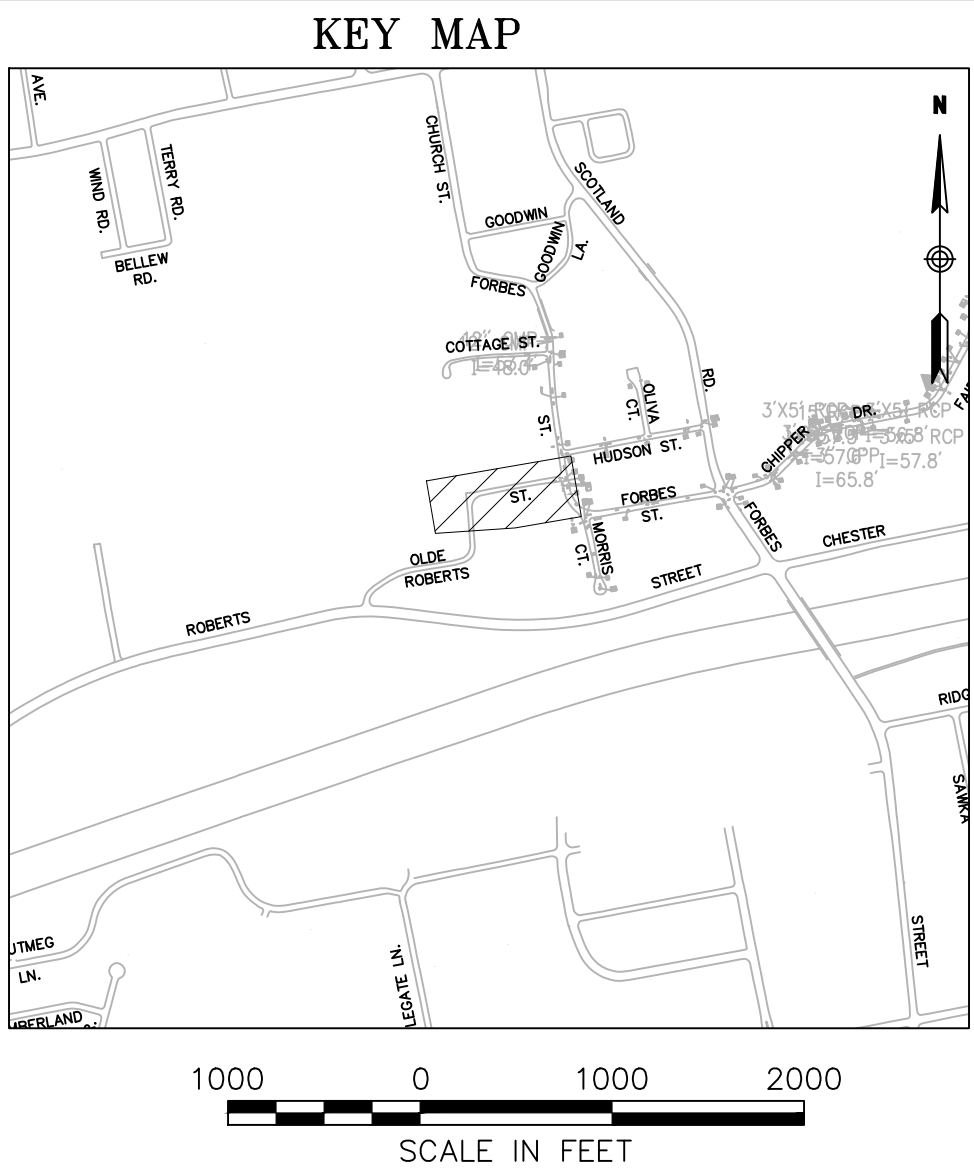
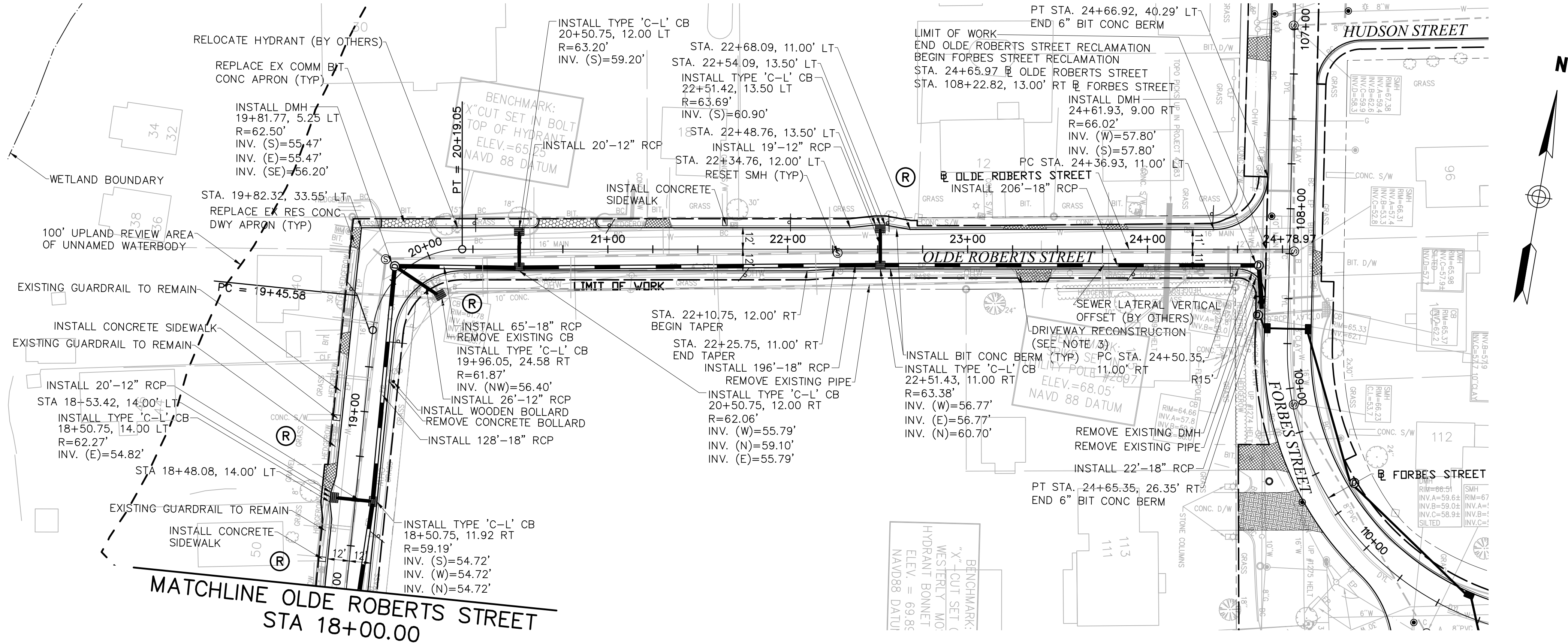
CADD FILENAME: PLN-OLDE ROBERTS.DWG

TOWN:	EAST HARTFORD, CONNECTICUT
DRAWING TITLE:	CONSTRUCTION PLAN OLDE ROBERTS STREET

PROJECT NO.:
42283.00

DRAWING NO.:
PLN-13

SHEET NO.:
XX OF XX



LEGEND

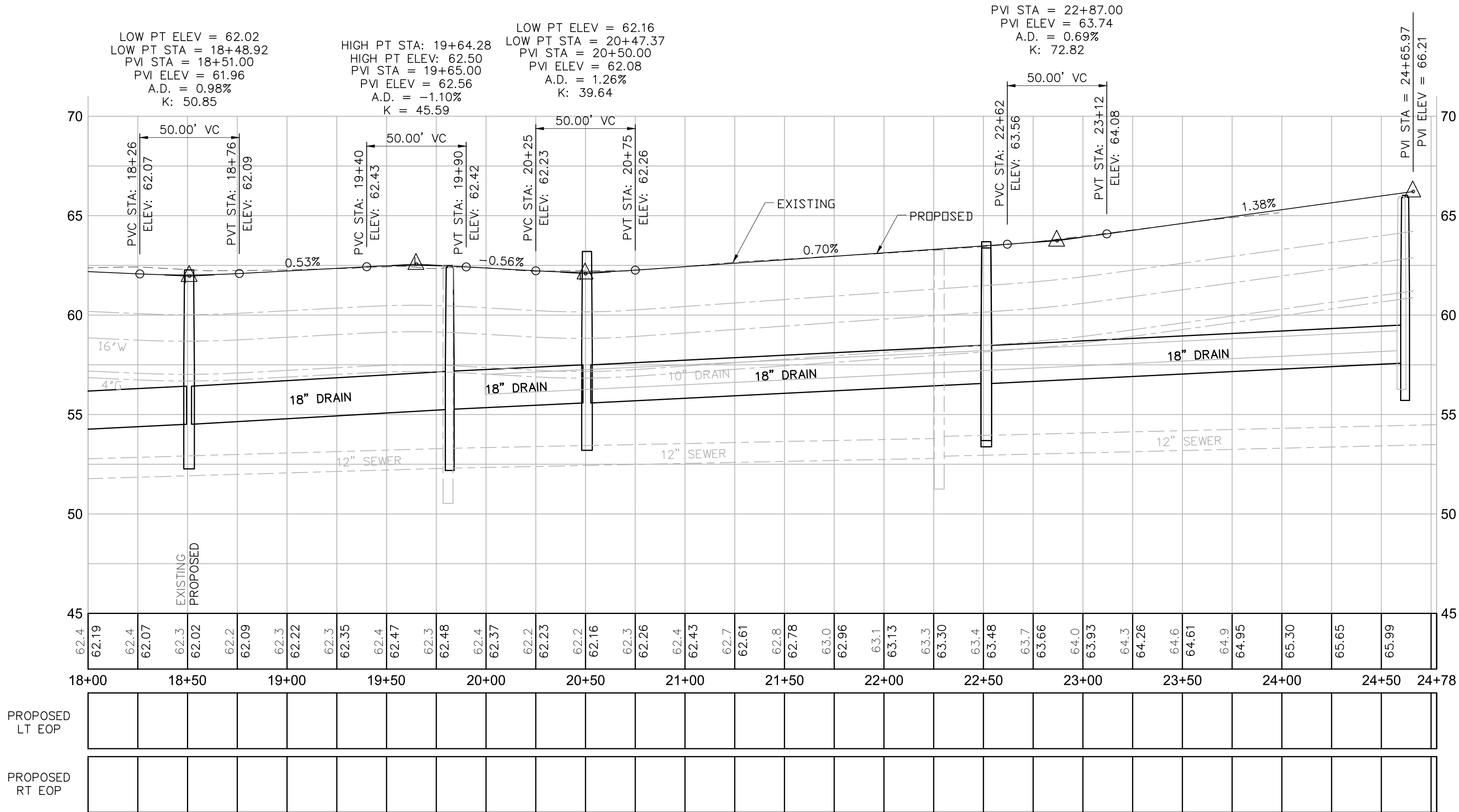
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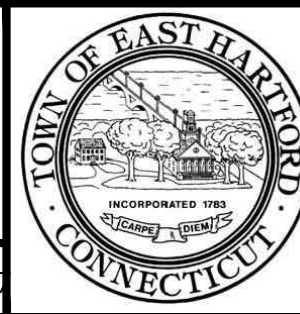
Approval Date: _____
Chairman: _____



REV.	DATE	DESCRIPTION	SHEET NO.

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

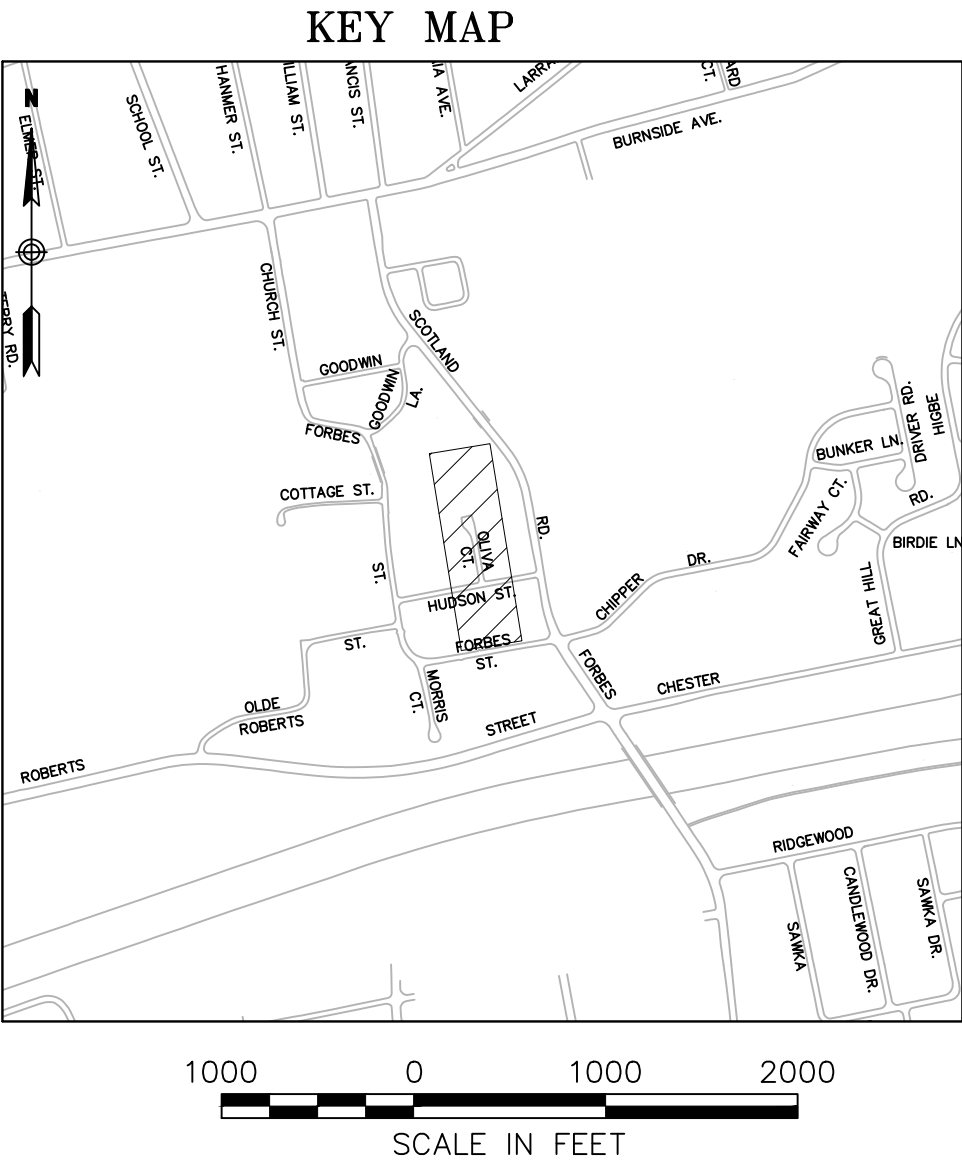
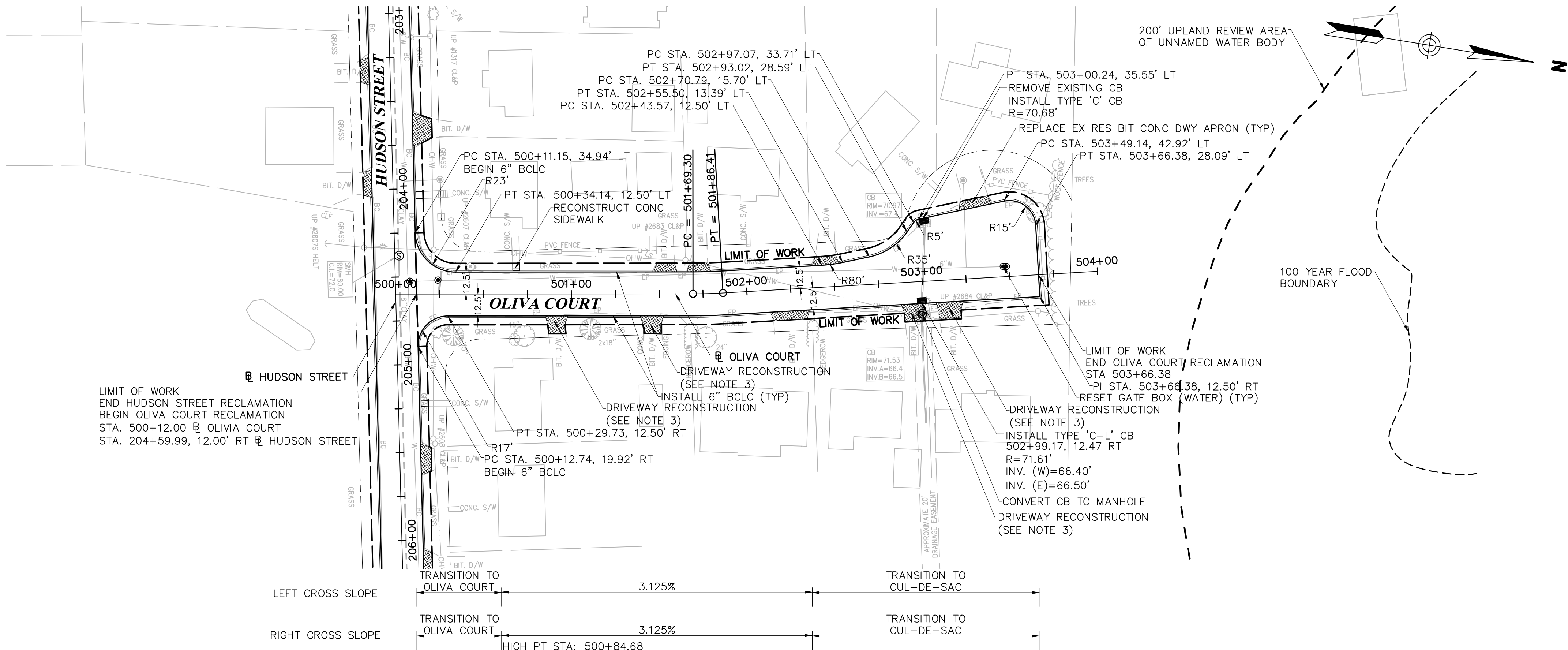
Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017



PROJECT TITLE: 2018 ROADWAY IMPROVEMENT PROJECT VARIOUS LOCATIONS
CADD FILENAME: PLN-OLDE ROBERTS.DWG

TOWN: EAST HARTFORD, CONNECTICUT
DRAWING TITLE: CONSTRUCTION PLAN OLDE ROBERTS STREET

PROJECT NO.: 42283.00
DRAWING NO.: PLN-14
SHEET NO.: XX OF XX



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)

NOTES:

- 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.
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Approval Date: _____

Chairman: _____

REV.	DATE	DESCRIPTION	SHEET. NO.



DESIGNER:
JRE
DRAFTER:
JRE
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BAA
APPROVED BY: SON

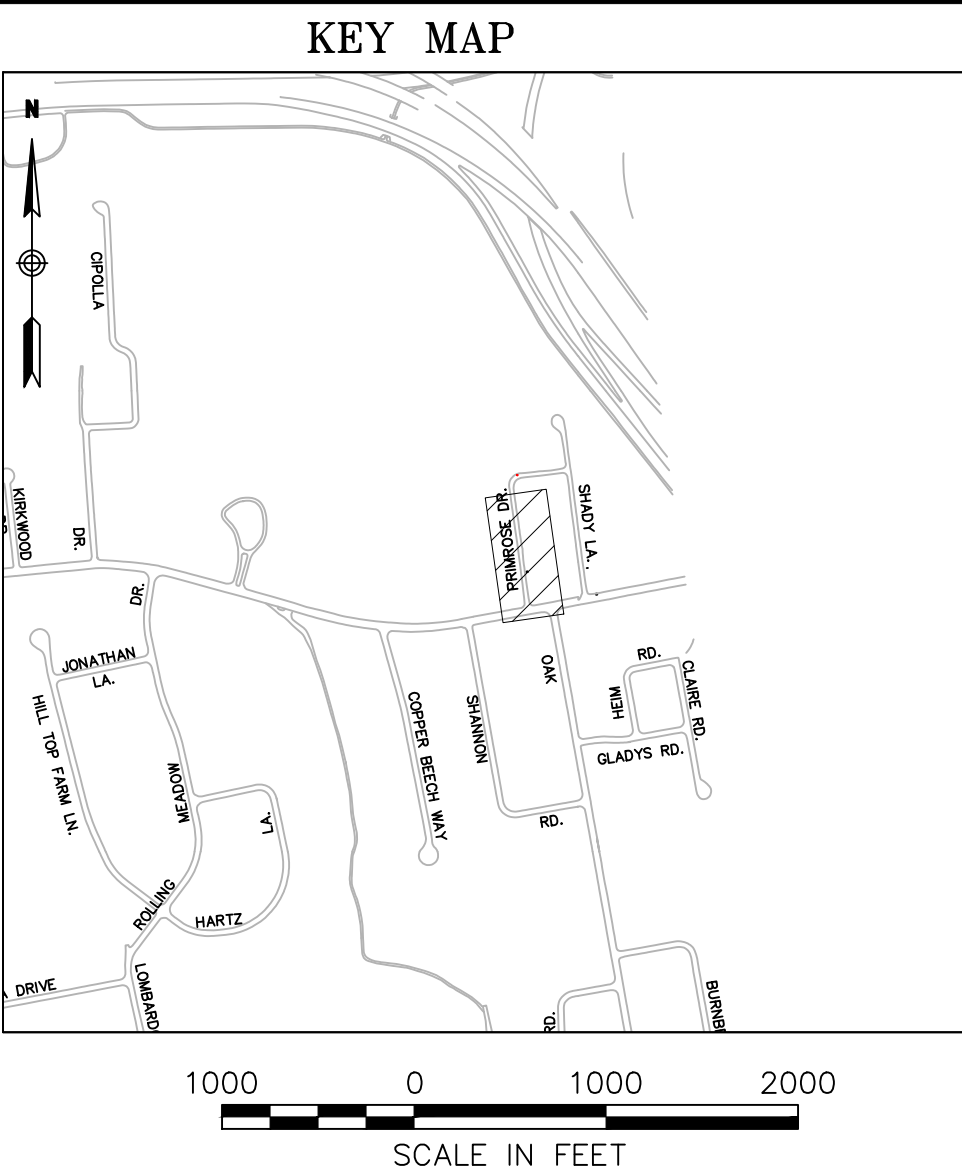
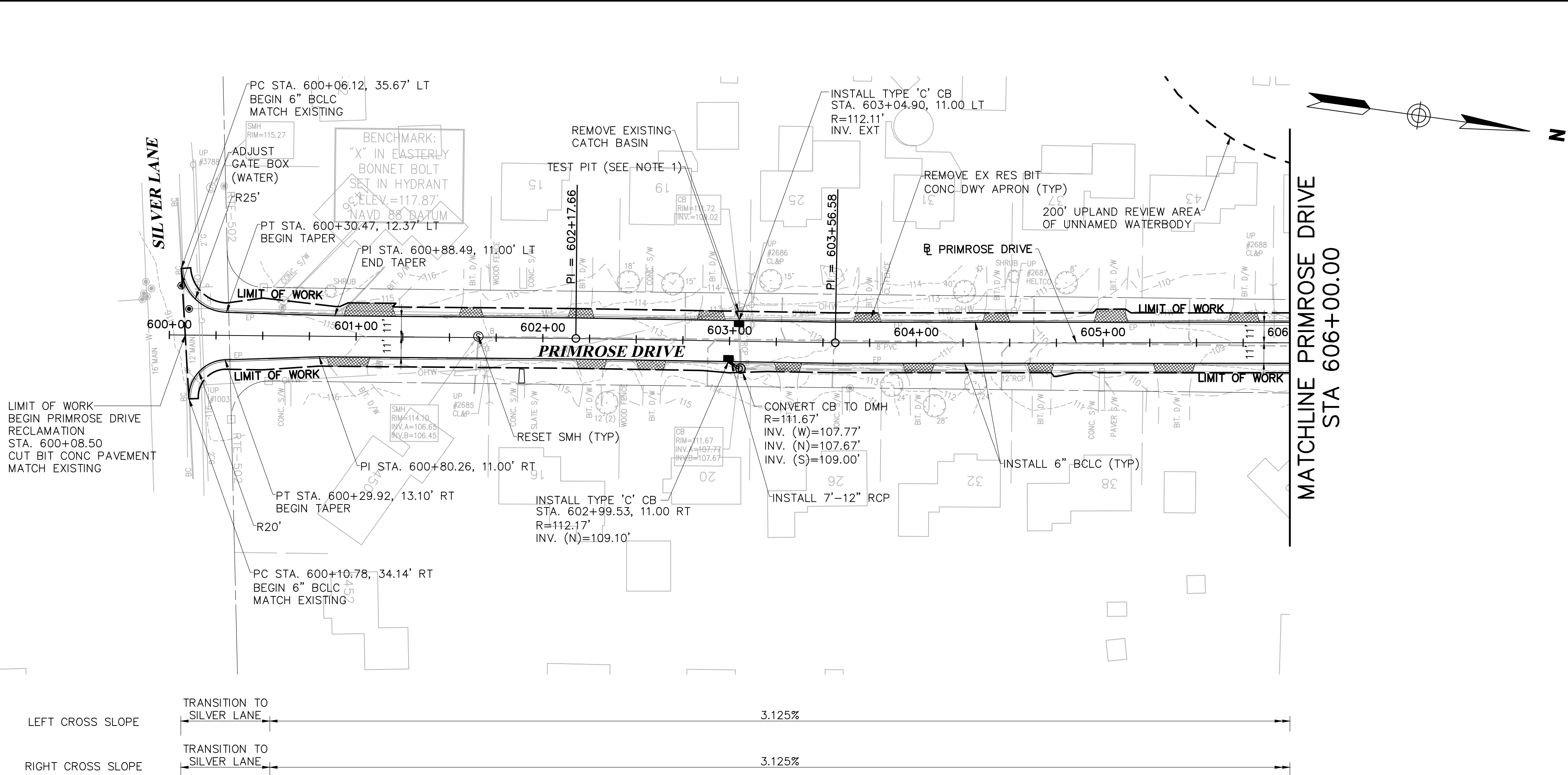
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Engineers Scientists Planners Designers
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017



PROJECT TITLE:
2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS
CADD FILENAME: PLN-OLVIA-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
CONSTRUCTION PLAN
OLVIA COURT

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-15
SHEET NO.:
XX OF XX



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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Chairman: _____

REV.	DATE	DESCRIPTION	SHEET NO.

HORIZONTAL

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VERTICAL

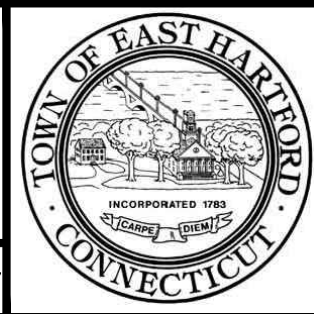
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DESIGNER:
EAN
DRAFTER:
JE
CHECKED BY:
BAA
APPROVED BY: SON

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Engineers Scientists Planners Designers

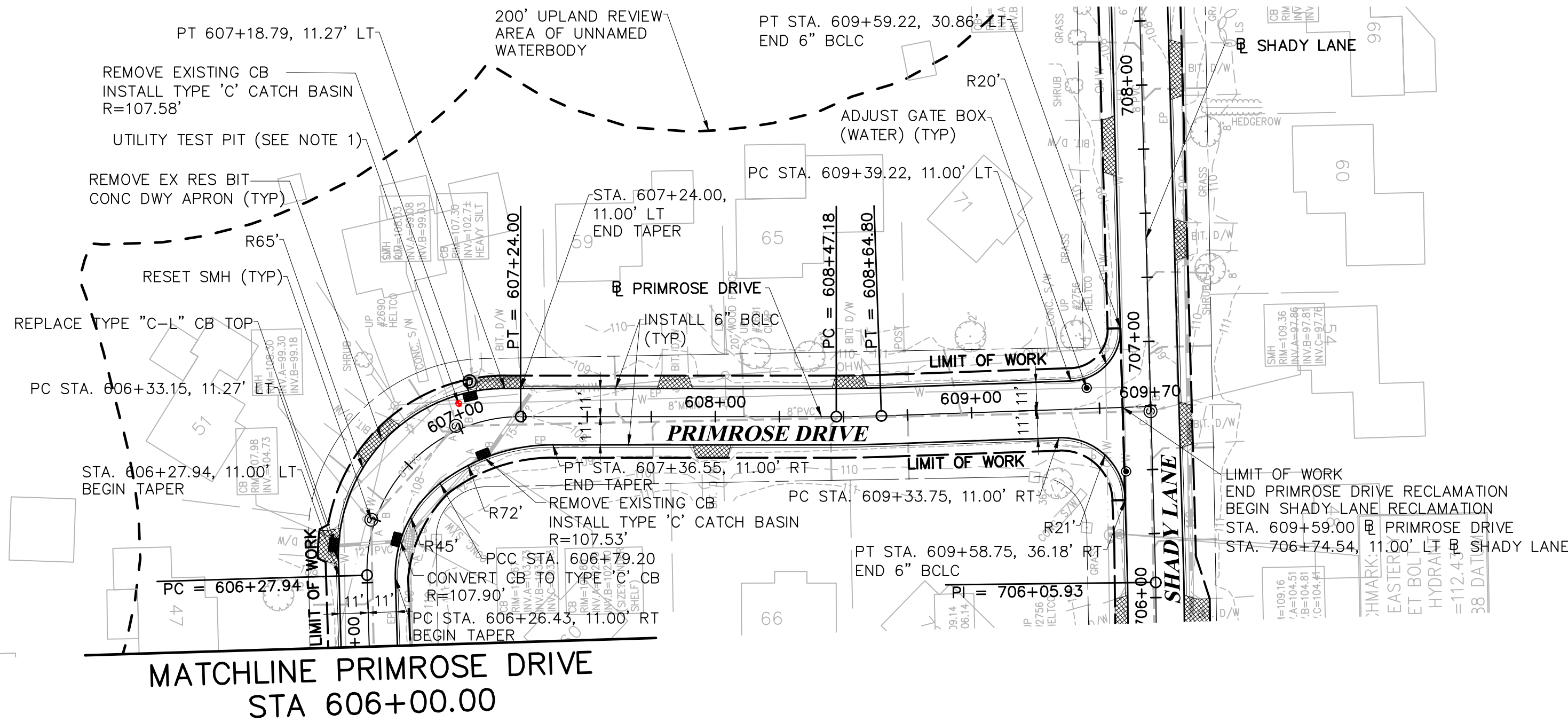
NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017

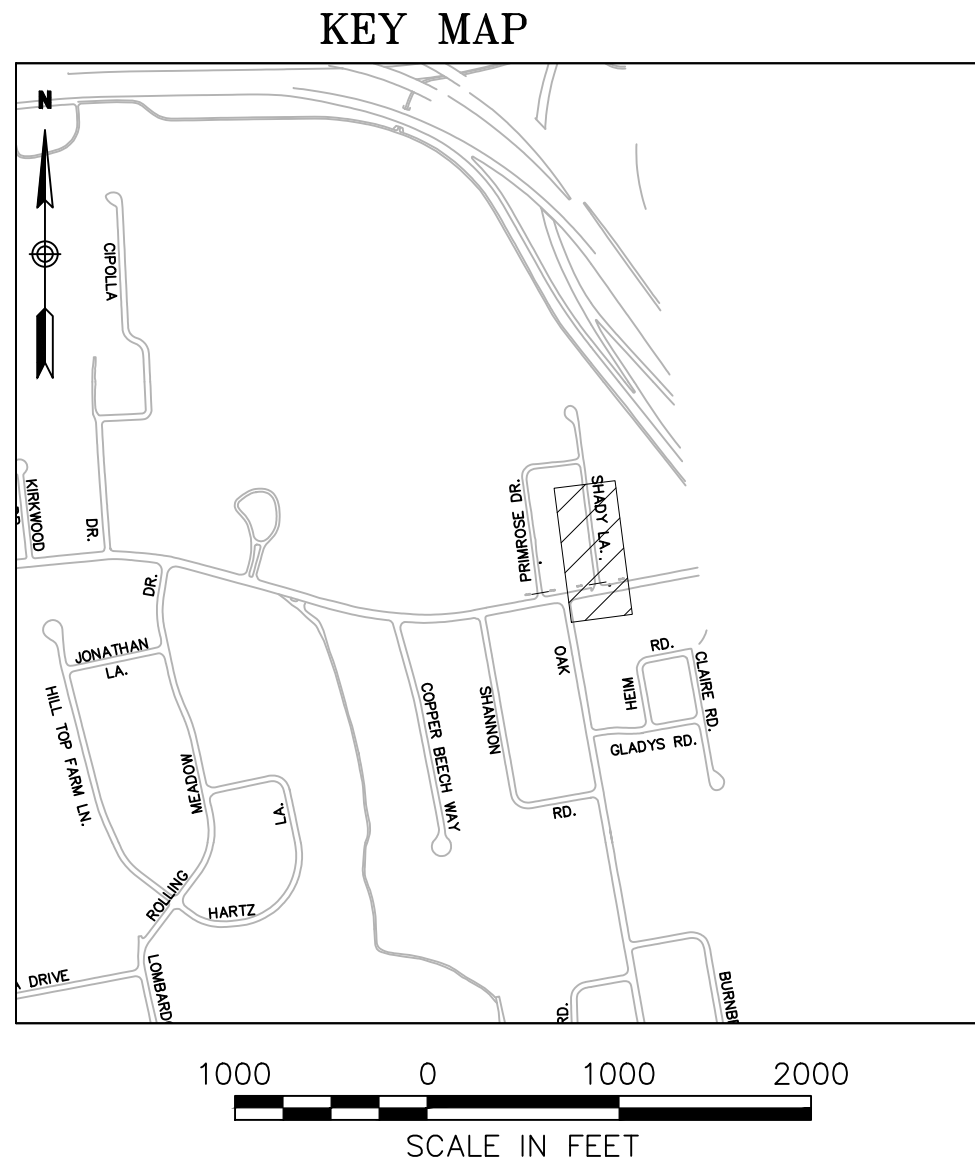
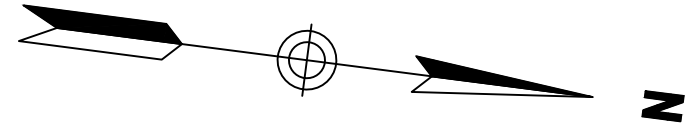
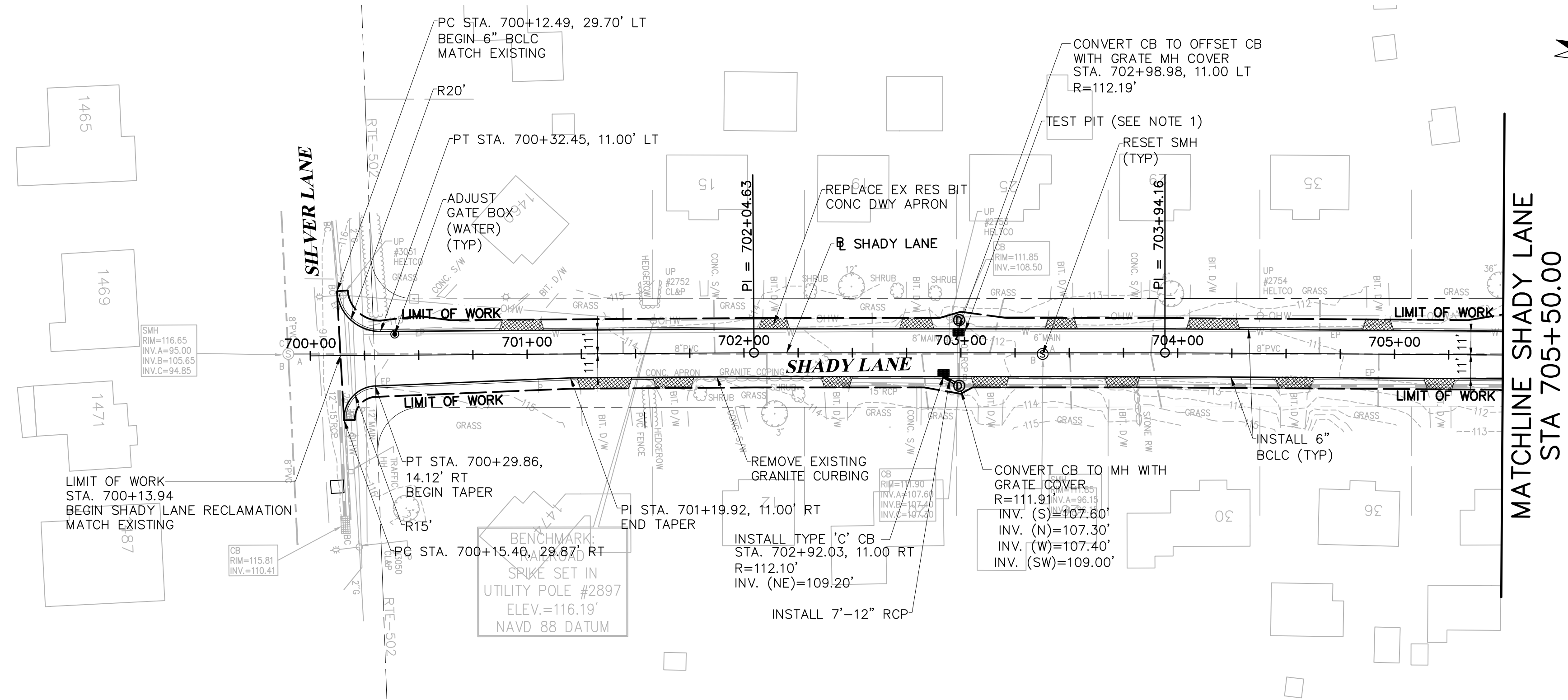


PROJECT TITLE:
2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS
CADD FILENAME: PLN-PRIMROSE-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT
DRAWING TITLE:
CONSTRUCTION PLAN
PRIMROSE DRIVE

PROJECT NO.:
42283.00
DRAWING NO.:
PLN-16
SHEET NO.:
XX OF XX





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)

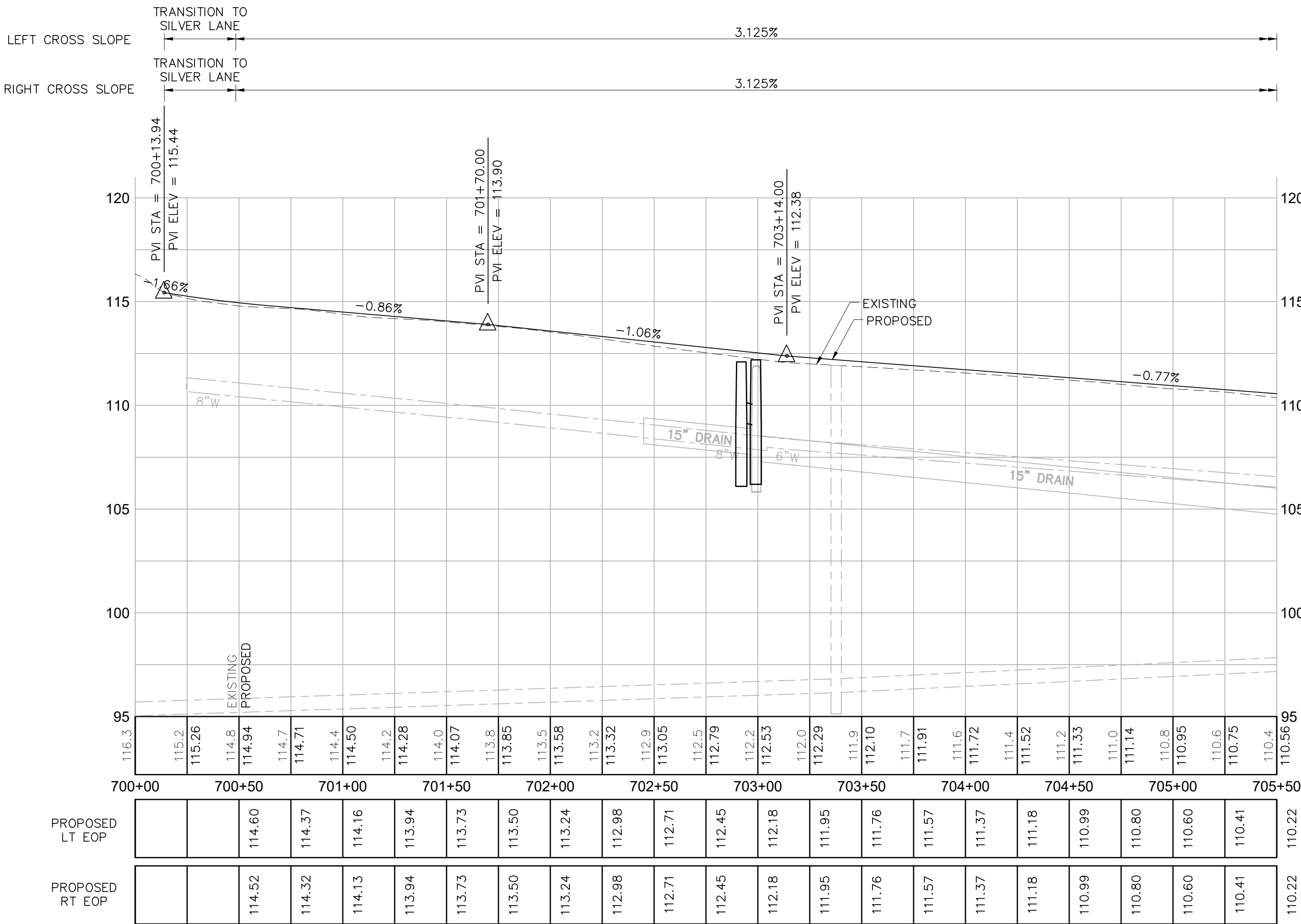
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Chairman: _____



REV.	DATE	DESCRIPTION	SHEET. NO.

HORIZONTAL

40 0 40

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VERTICAL

SCALE IN FEET

DESIGNER:

EAN

DRAFTER:

JE

CHECKED BY:

BAA

APPROVED BY:

SON

Engineers Scientists Planners Designers

NOT ISSUED FOR CONSTRUCTION DATE: SEPTEMBER 22, 2017

TOWN OF EAST HARTFORD
CONNECTICUT

PROJECT TITLE:

2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

CADD FILENAME: PLN-SHADY-4228300.DWG

TOWN:

EAST HARTFORD, CONNECTICUT

DRAWING TITLE:

CONSTRUCTION PLAN
SHADY LANE

PROJECT NO.:

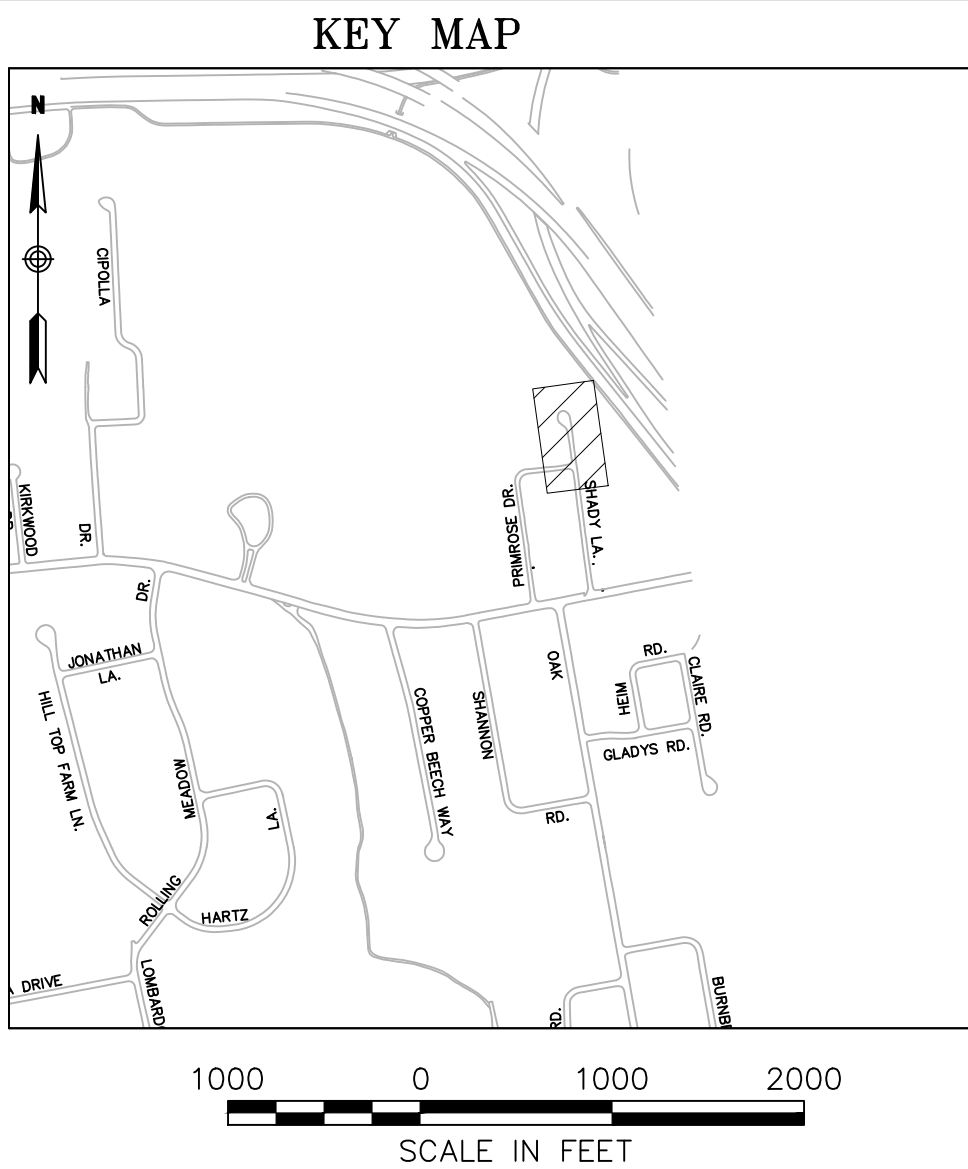
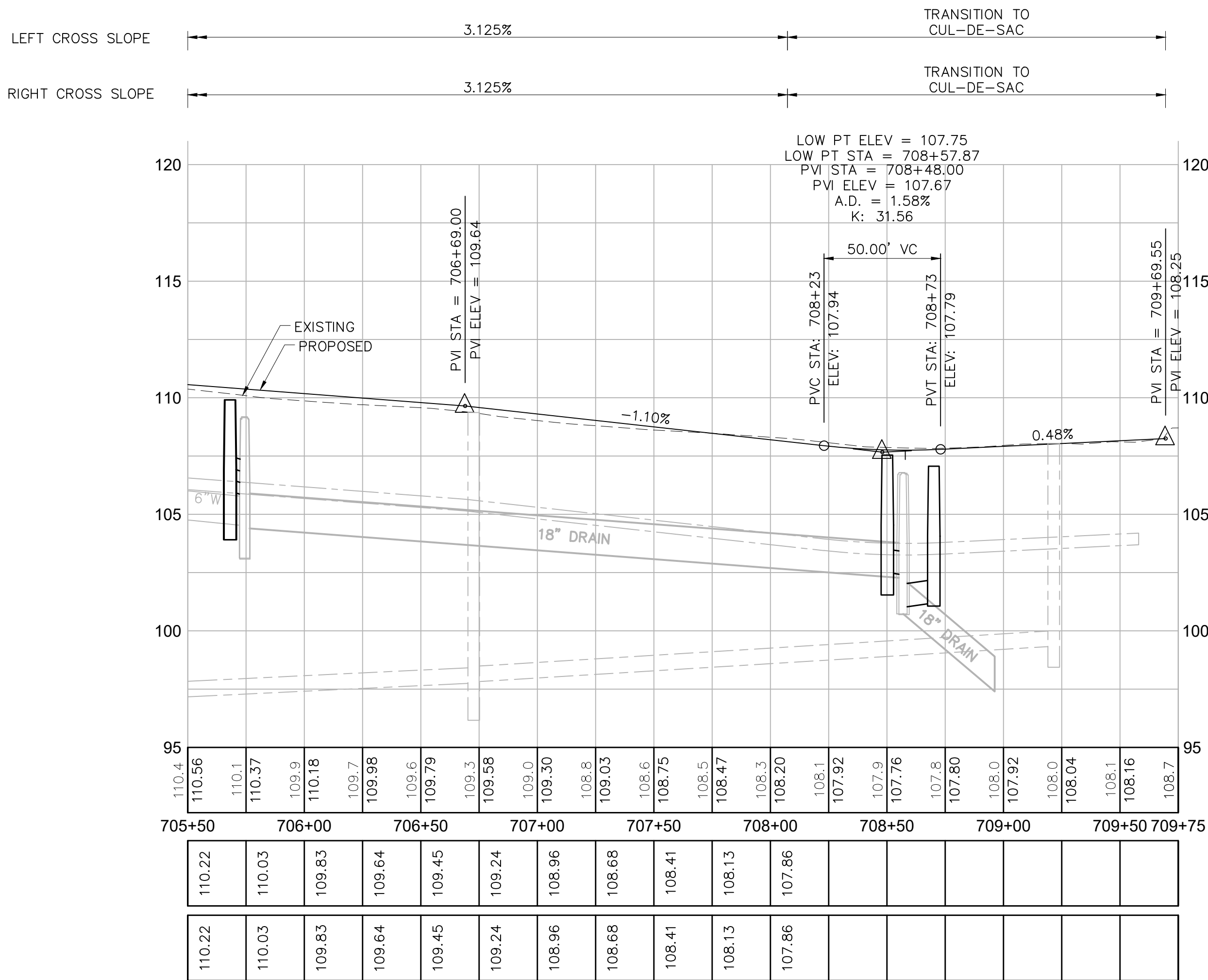
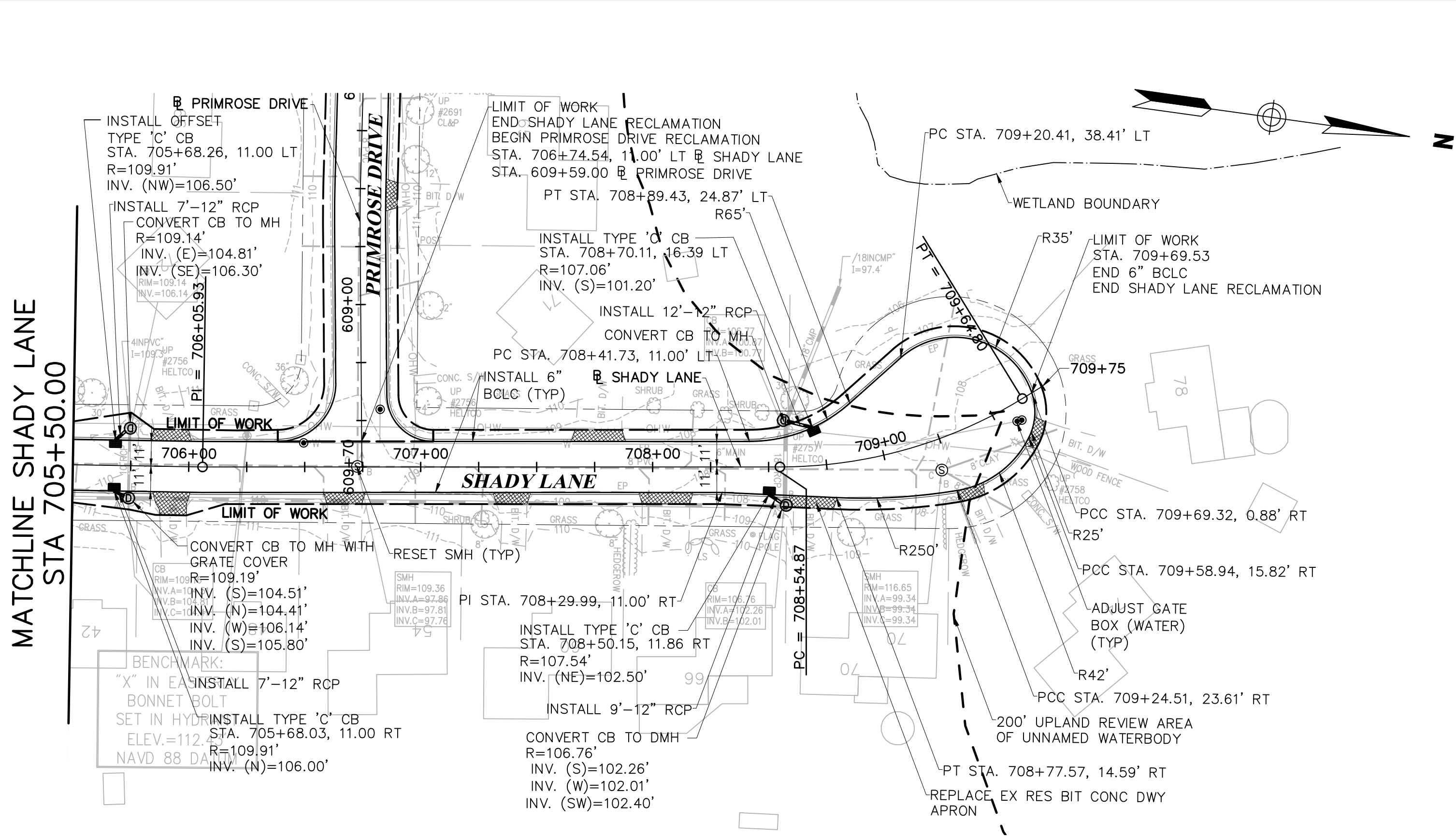
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DRAWING NO.:

PLN-18

SHEET NO.:

XX OF XX



LEGEND

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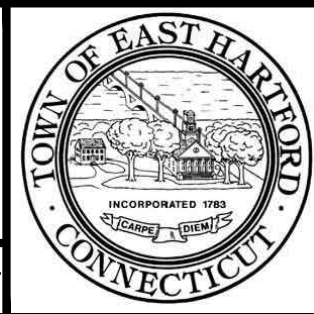
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PROJECT TITLE:
2018 ROADWAY IMPROVEMENT PROJECT
VARIOUS LOCATIONS

CADD FILENAME: PLN-SHADY-4228300.DWG

TOWN:
EAST HARTFORD, CONNECTICUT

DRAWING TITLE:
CONSTRUCTION PLAN
SHADY LANE

PROJECT NO.:
42283.00

DRAWING NO.:
PLN-19

SHEET NO.:
XX OF XX