

TOWN OF GLASTONBURY

HEBRON AVENUE PAVEMENT REHABILITATION

LOT/CIP #L053-0001

located between

MAIN STREET & SYCAMORE STREET

GLASTONBURY, CONNECTICUT

SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	DETAIL ESTIMATE
3	TYPICAL DETAILS
4	SIDEWALK RAMP DETAILS
5	ISLAND LAYOUT & INTERSECTION GRADING DETAILS
6	OVERVIEW PLAN
7,8,9,10	PLAN & PROFILE
11	PAVEMENT MARKING & SIGNING PLAN
12 - 16	CROSS SECTIONS
17	TRAFFIC CONTROL SIGNAL LAYOUT HEBRON AVE., SYCAMORE ST. & ROUTE 2
HW-507_01	TYPE "C", "C-L" & DROP INLET CATCH BASIN
HW-507_04	TYPE "C" "C-L" & ROUND PRECAST CONCRETE CB
HW-507_07	TYPE "C" & "C-L" CATCH BASIN TOPS AND CURBS
HW-507_08	CATCH BASIN FRAMES & GRATES
TR 1000_01	GENERAL CLAUSES
TR 1001_01	TRENCHING & BACKFILL ELECTRIC CONDUIT
TR 1002_01	TRAFFIC CONTROL FOUNDATIONS
TR 1010_01	CONCRETE HANDHOLE
TR 1102_01	PEDESTALS, PEDESTRIAN SIGNALS
TR 1105_01	TRAFFIC SIGNALS & CABLE ASSIGNMENTS
TR 1107_01	PEDESTRIAN BUSH BUTTONS
TR 1108_01	CONTROLLERS
TR 1111_01	LOOP VEHICLE DETECTOR & SAW CUT
TR 1208_01	SIGN SUPPORT & SIGN PLACEMENT DETAILS, GORE EXIT SIGN
TR 1208_02	METAL SIGN POSTS & SIGN MOUNTING DETAILS
TR 1210_03	SPECIAL DETAILS & PAVEMENT MARKINGS FOR TWO-WAY HIGHWAYS
TR 1220_01	SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS
TR 1220_02	CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES

NOT IN SET
SEE PROJECT
53-193

PW-1308



LOCATION MAP

SCALE: 1"=1000'

NOVEMBER 2017

100% CONSTRUCTION SUBMISSION

RICHARD J. JOHNSON
TOWN MANAGER

DANIEL A. PENNINGTON
MANAGER OF PHYSICAL SERVICES/TOWN ENGINEER

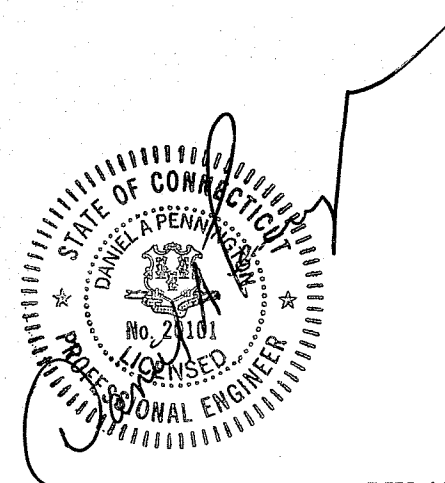
GENERAL PROJECT NOTES:

THESE PLANS HAVE BEEN PREPARED BY THE TOWN OF GLASTONBURY ENGINEERING DIVISION.
 ALL WORK UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 817, 2016 INCLUDING SUPPLEMENT DATED JANUARY 2017 GOVERN.
 ALL COORDINATES ON THIS PROJECT ARE BASED ON NAD 83 HORIZONTAL DATUM.
 ALL ELEVATIONS ON THIS PROJECT ARE BASED ON NAVD 88 VERTICAL DATUM.
 DESIGN CLASSIFICATION FOR HEBRON AVENUE: ARTERIAL
 DESIGN SPEED FOR HEBRON AVENUE: 35 MPH
 FOR CONSTRUCTION DETAILS AND NOTES NOT FOUND WITHIN THIS SET OF DOCUMENTS FOR THIS PROJECT, THE CONTRACTOR SHALL UTILIZE THE CONSTRUCTION DETAILS AND NOTES INCLUDED WITHIN STATE PROJECT 0053-0193 HEBRON AVENUE ROUNDABOUT : HOUSE STREET.
 TOPOGRAPHY DEPICTED ON THESE PLANS WAS DERIVED FROM VARIOUS FIELD SURVEYS, THE LAST WAS PERFORMED IN FALL OF 2016 BY THE TOWN OF GLASTONBURY ENGINEERING DEPARTMENT.

ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS. ANY SUCH INFORMATION SHOULD NOT BE CONSIDERED AS ACCURATE OR COMPLETE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.

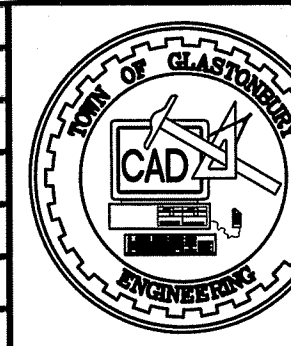
MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED.
 ALL REVISIONS MUST BE PERFORMED ON CADD FILE.
 H:\DWG\Streets\Hebron Ave\PW-1308 Hebron Ave-Rehab\Hebron Ave-Rehab-CFS-12-2017.dwg

SHEET NO. 1 - 16
 DESIGNED BY: GLASTONBURY ENGINEERING DIVISION
 PER: DANIEL A. PENNINGTON, P.E.
 CONN. P.E. REGISTRATION: 20101
 DATE: DECEMBER 15, 2017

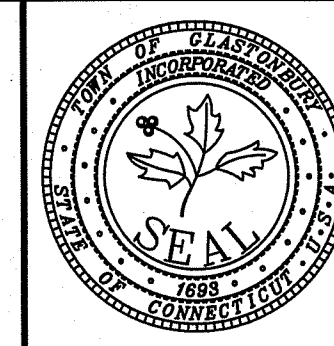
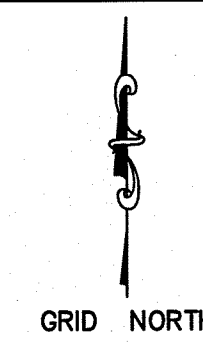


PW-1308

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



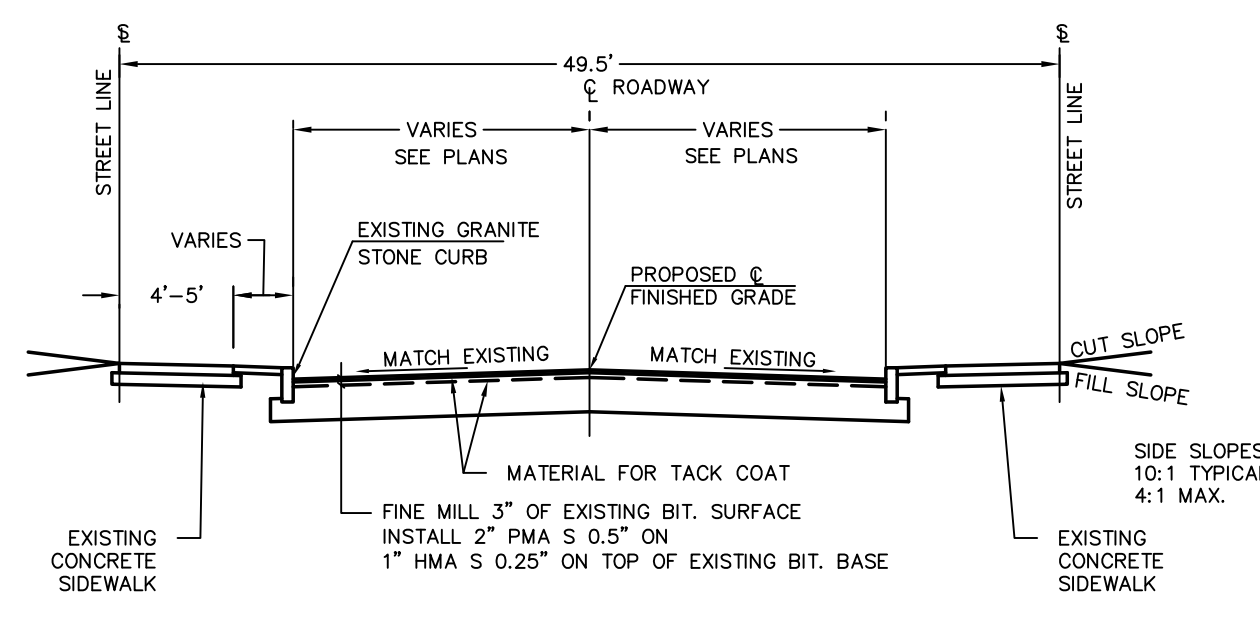
SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.	



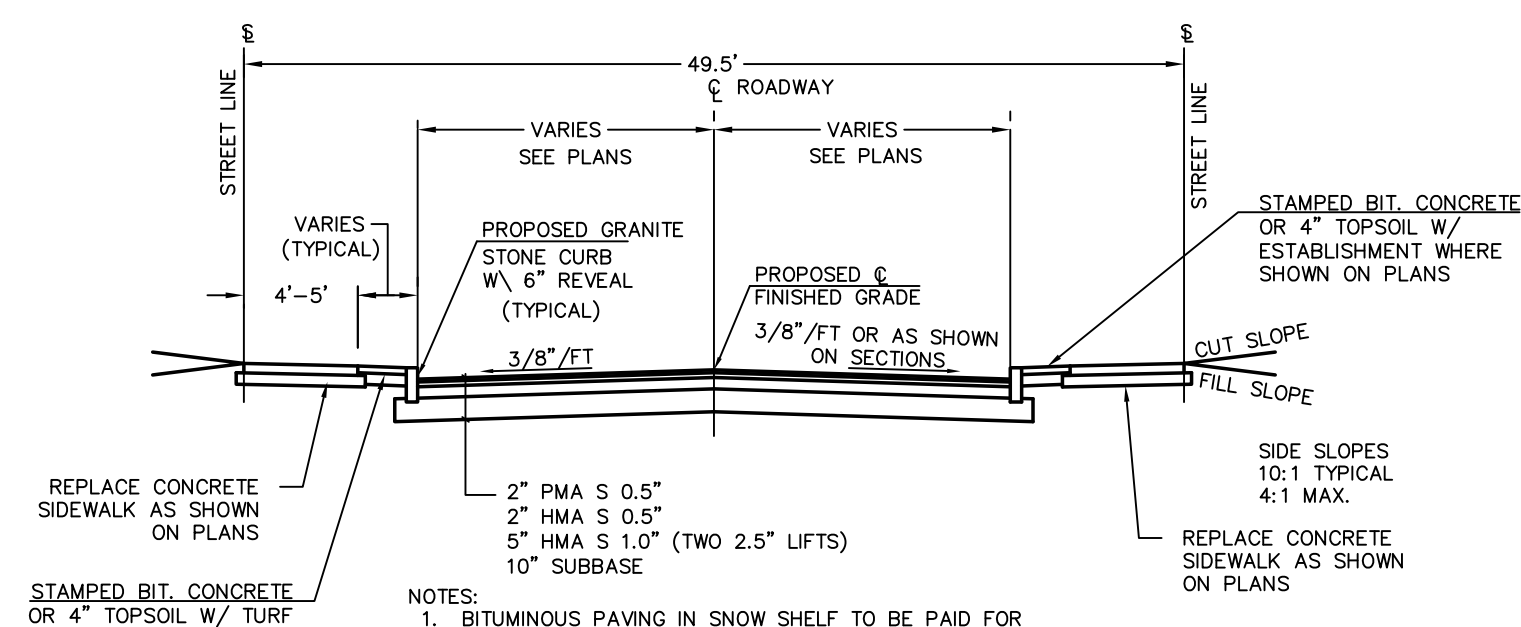
TITLE SHEET
 PAVEMENT REHABILITATION
 FOR
 HEBRON AVENUE
 LOCATED BETWEEN
 MAIN STREET & SYCAMORE STREET
 GLASTONBURY, CONNECTICUT

SHEET NO.
1
 OF 17

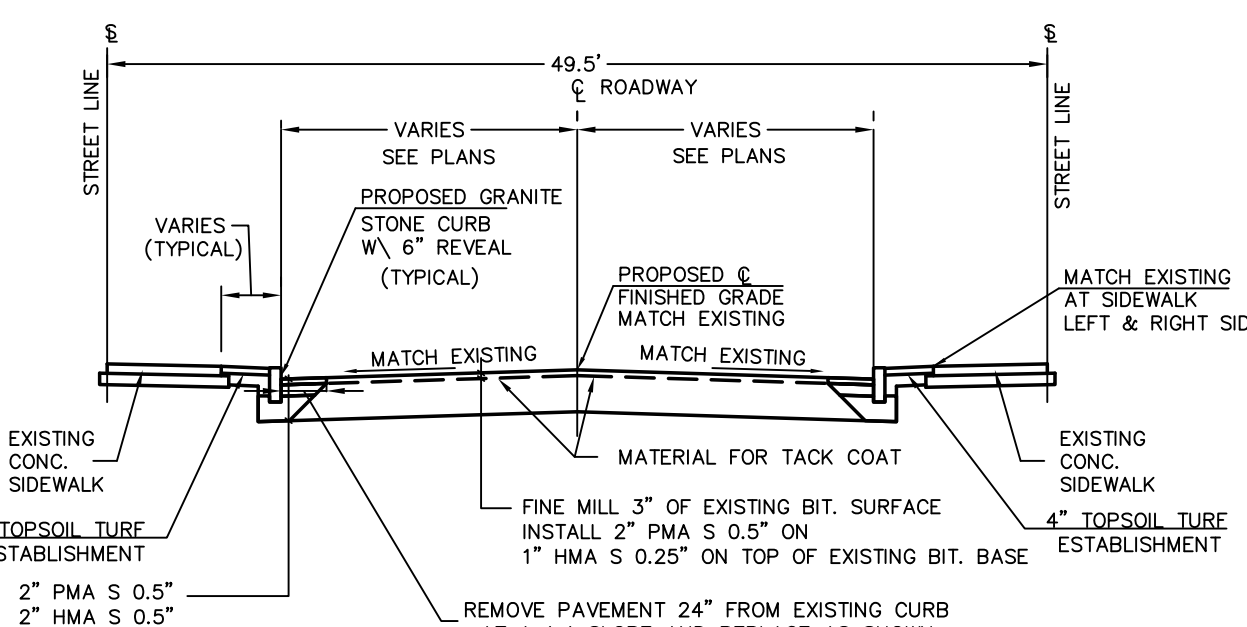
FILE: E:\DWG\Streets\Hebron Ave\PW-1308\Hebron Ave-Rehab\Hebron Ave-Rehab-CFS-12-2017.dwg USER: Charles.Stamlich DATE: 12/27/2017



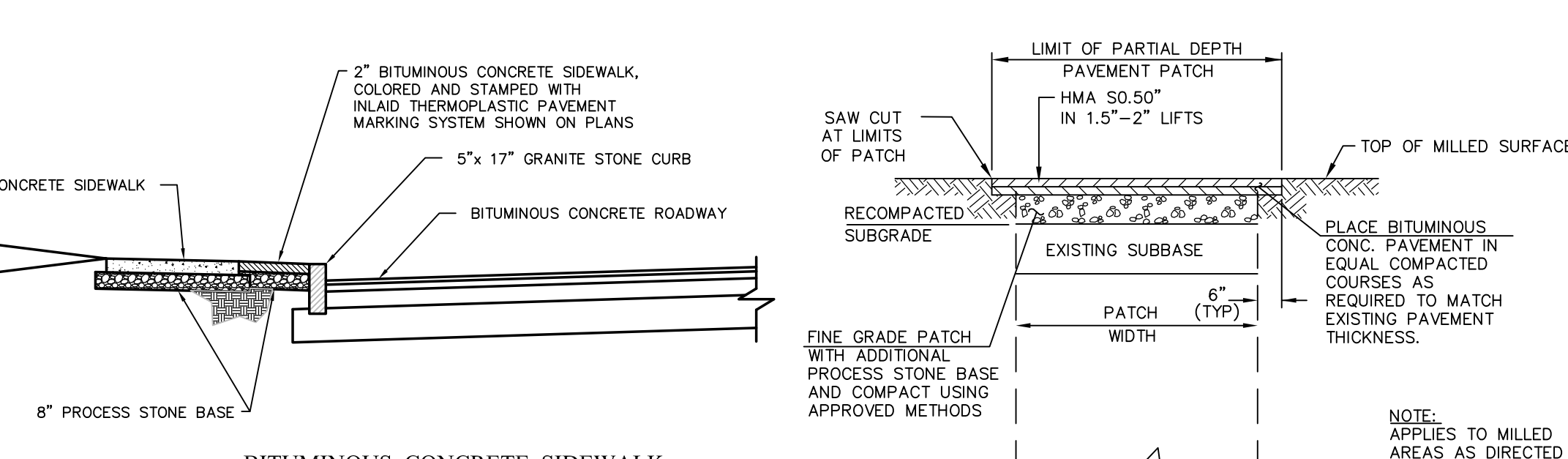
**FINE MILLING W/ 3" OVERLAY
TYPICAL CROSS SECTION**
STA. 1+65 TO STA. 4+00
NOT TO SCALE



**FULL DEPTH RECONSTRUCTION
TYPICAL CROSS SECTION**
STA. 4+00 TO STA. 9+59, STA. 14+25 TO STA. 19+55
& CONCORD STREET
NOT TO SCALE

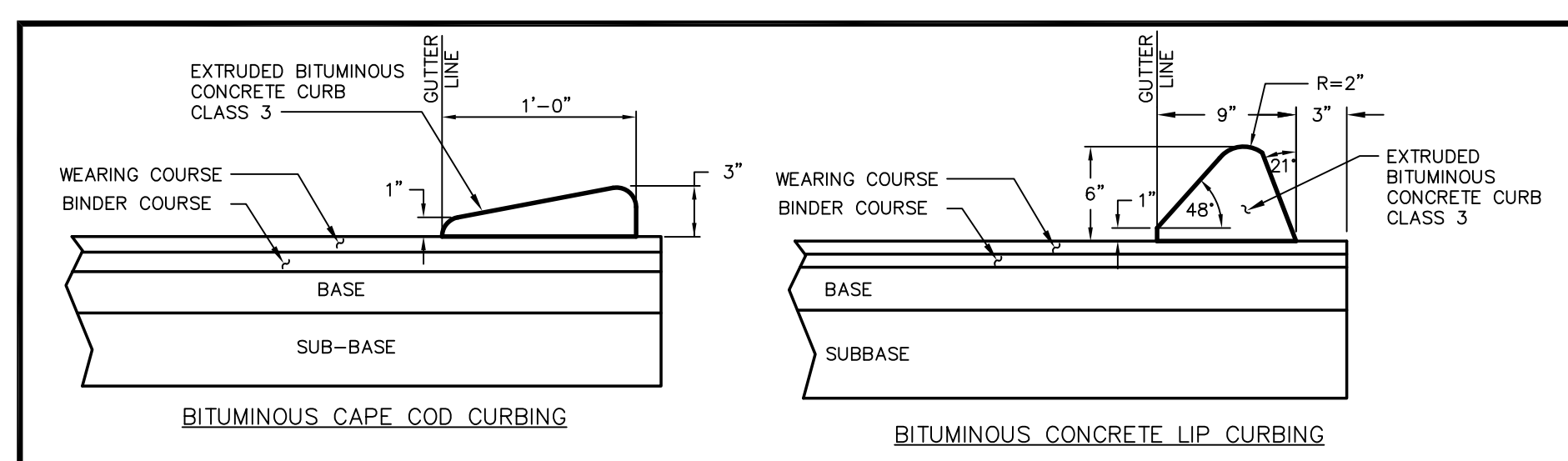


**FINE MILLING W/ 3" OVERLAY
TYPICAL CROSS SECTION**
STA. 23+82 TO STA. 26+68
NOT TO SCALE

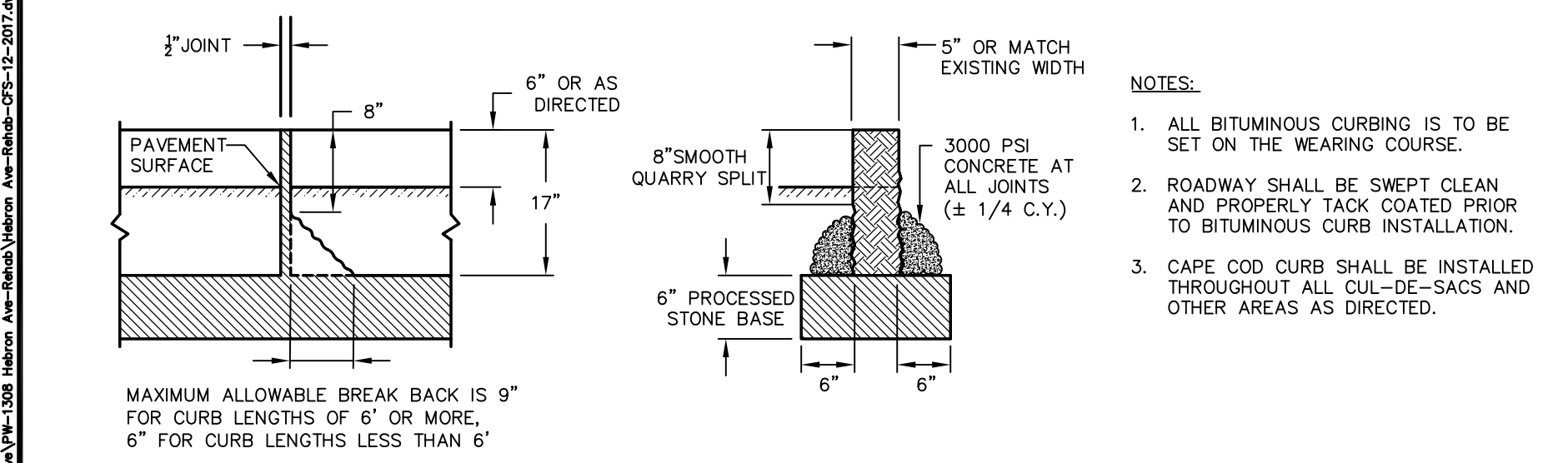


**BITUMINOUS CONCRETE SIDEWALK
WITH INLAID THERMOPLASTIC
PAVEMENT MARKING SYSTEM DETAIL**
NOT TO SCALE

PARTIAL DEPTH PATCH DETAIL



BITUMINOUS CAPE CURBING
BITUMINOUS CONCRETE LIP CURBING

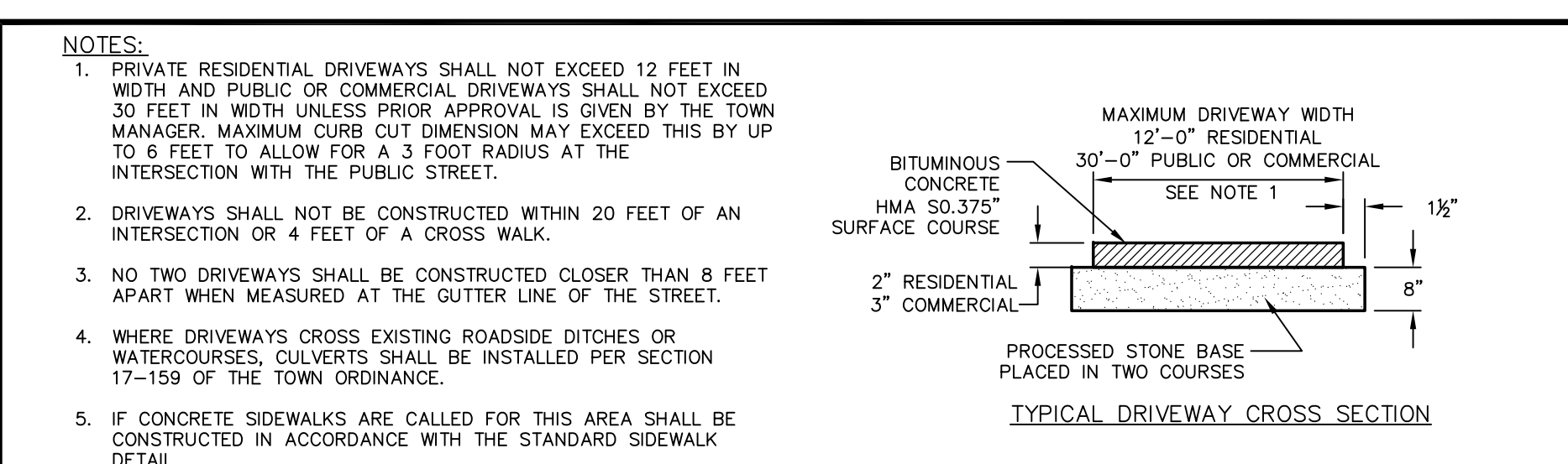


VERTICAL GRANITE CURBING

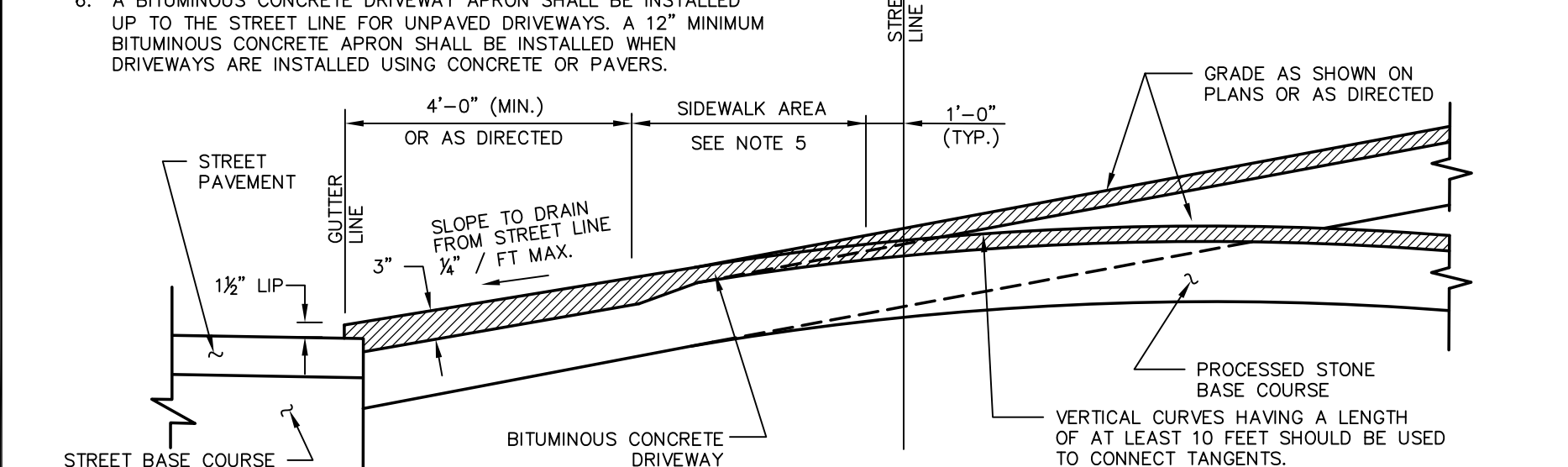
SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/1/2016

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

TYPICAL CURBING DETAILS
PLATE NO. 5



TYPICAL DRIVEWAY CROSS SECTION

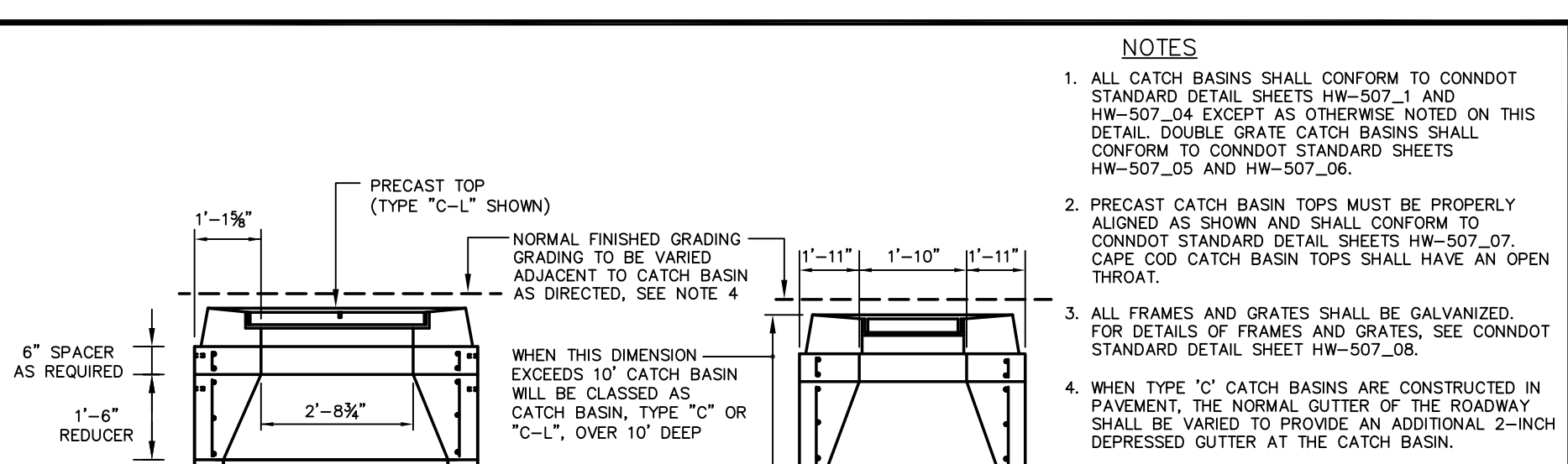


SECTION ALONG DRIVEWAY CENTER LINE

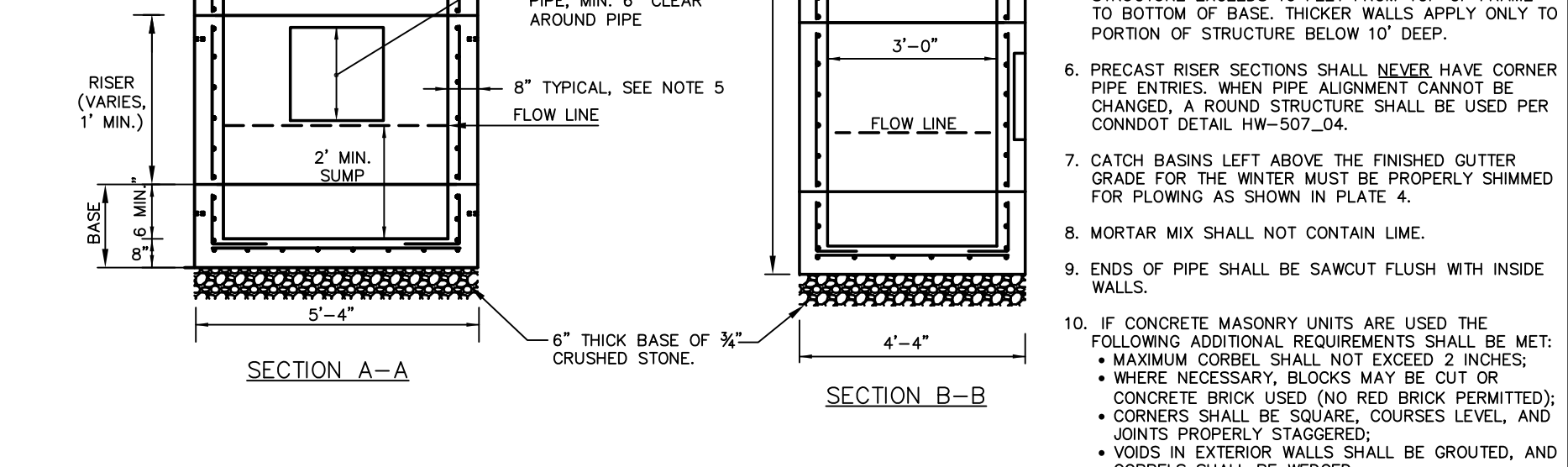
SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 3/28/2017

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

BITUMINOUS CONCRETE DRIVEWAY
PLATE NO. 8



SECTION A-A
SECTION B-B

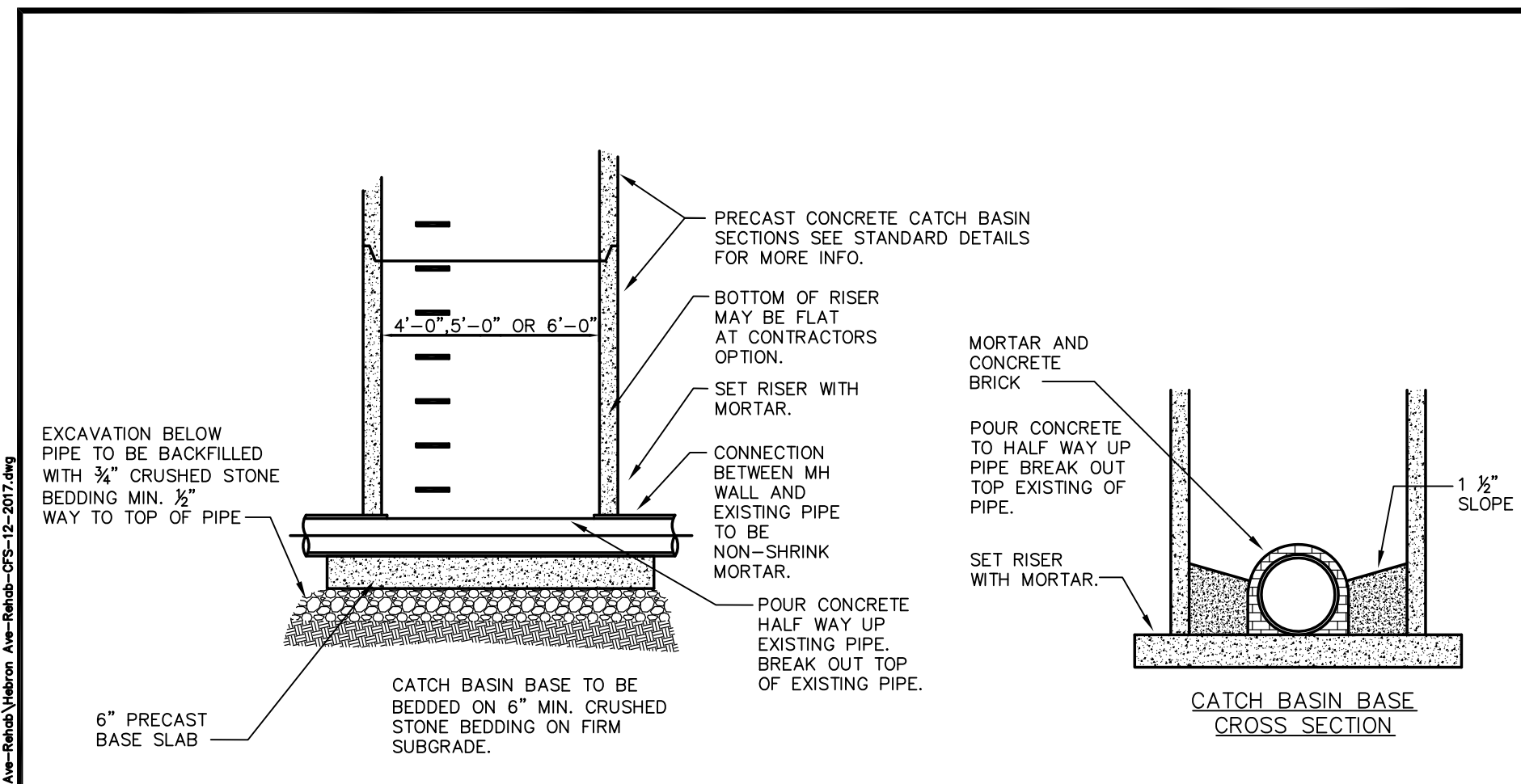


4" PVC DUCT BANK & TRENCH DETAIL

SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/1/2016

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

CATCH BASIN
PLATE NO. 21

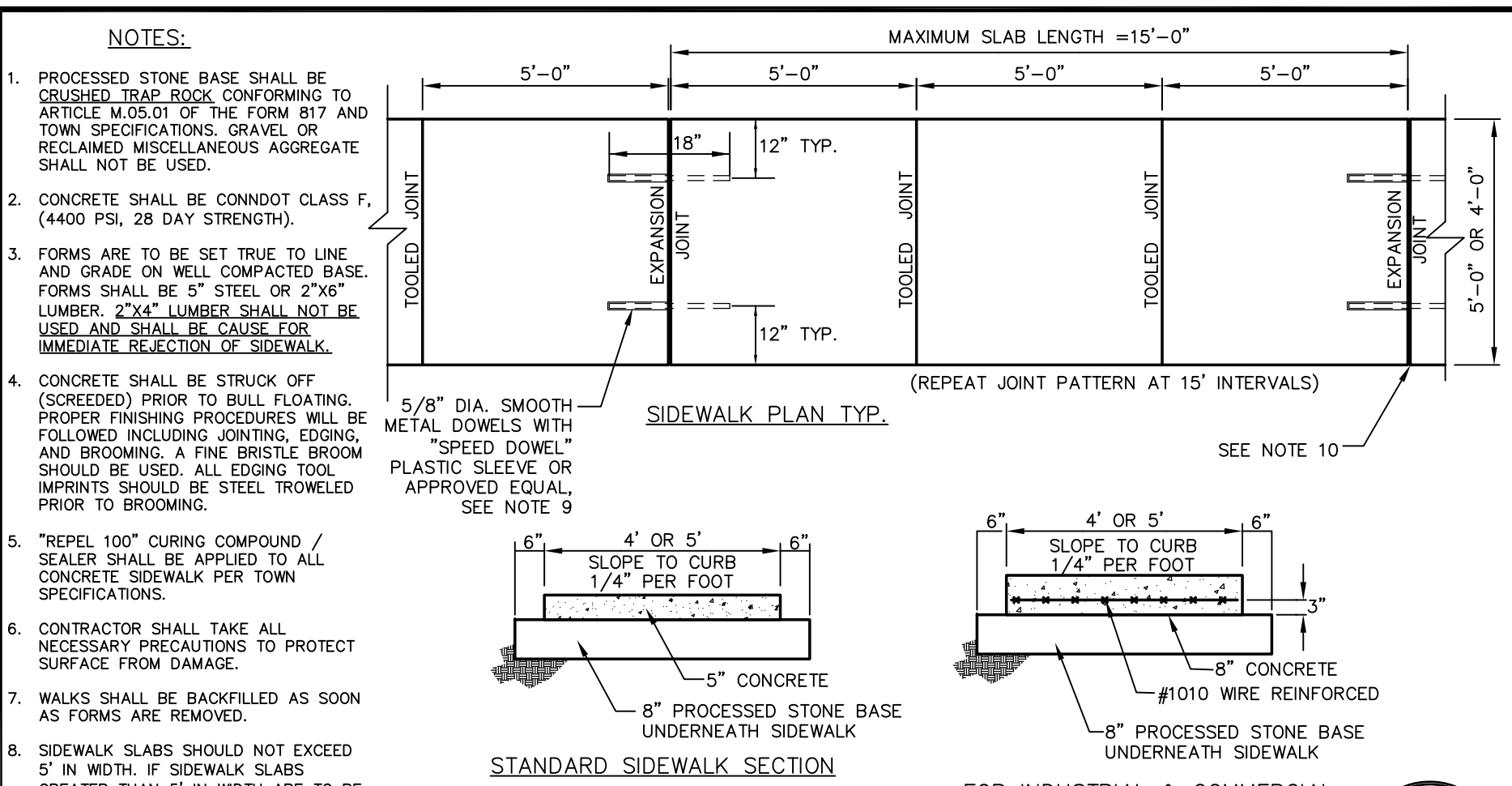


CATCH BASIN BASE LONGITUDINAL SECTION

SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 4/29/2008

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

PRECAST CATCH BASIN OVER EXISTING PIPE
PLATE NO. 32A

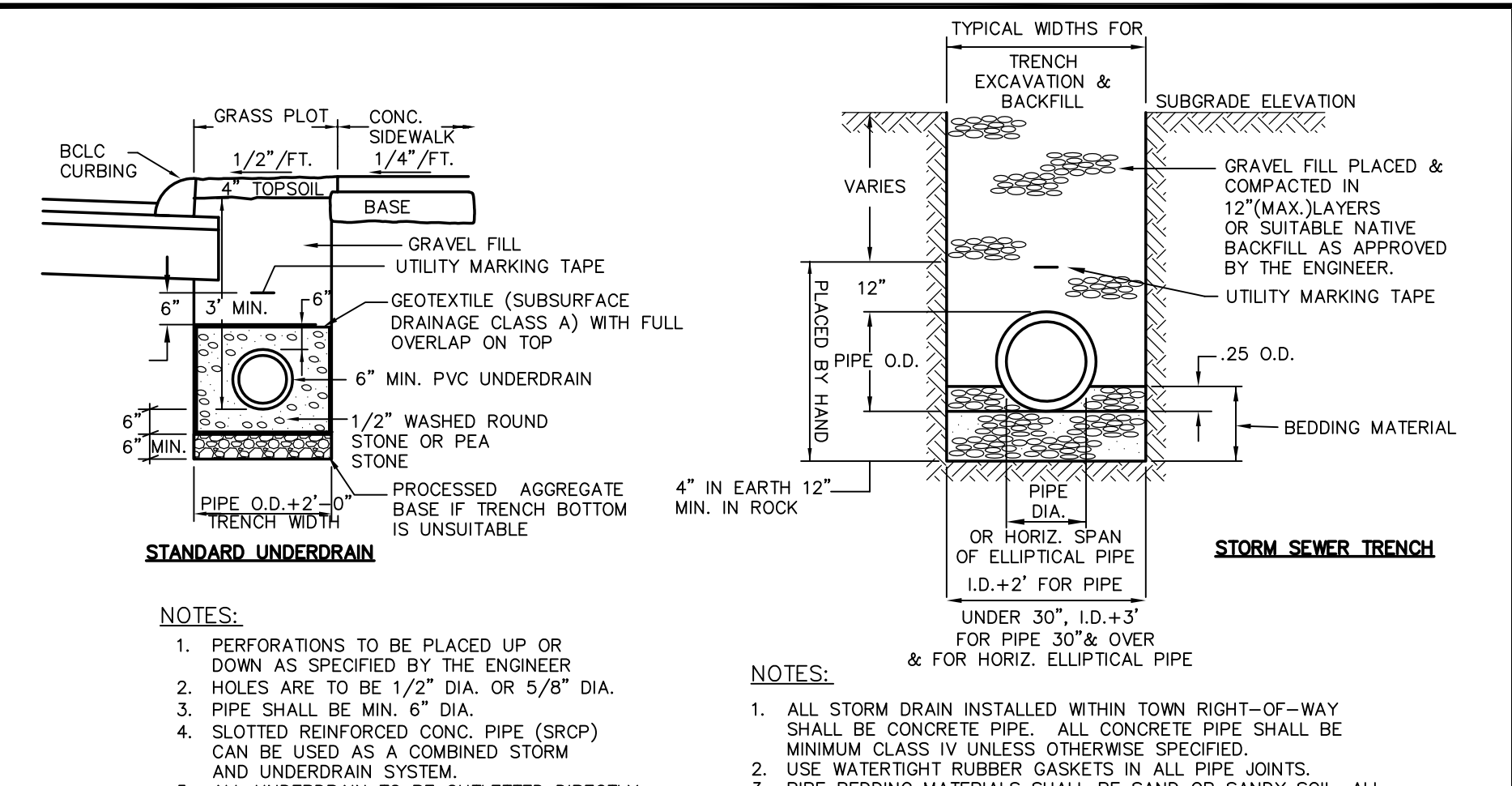


STANDARD SIDEWALK SECTION

SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/1/2016

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

CONCRETE SIDEWALKS
PLATE NO. 6



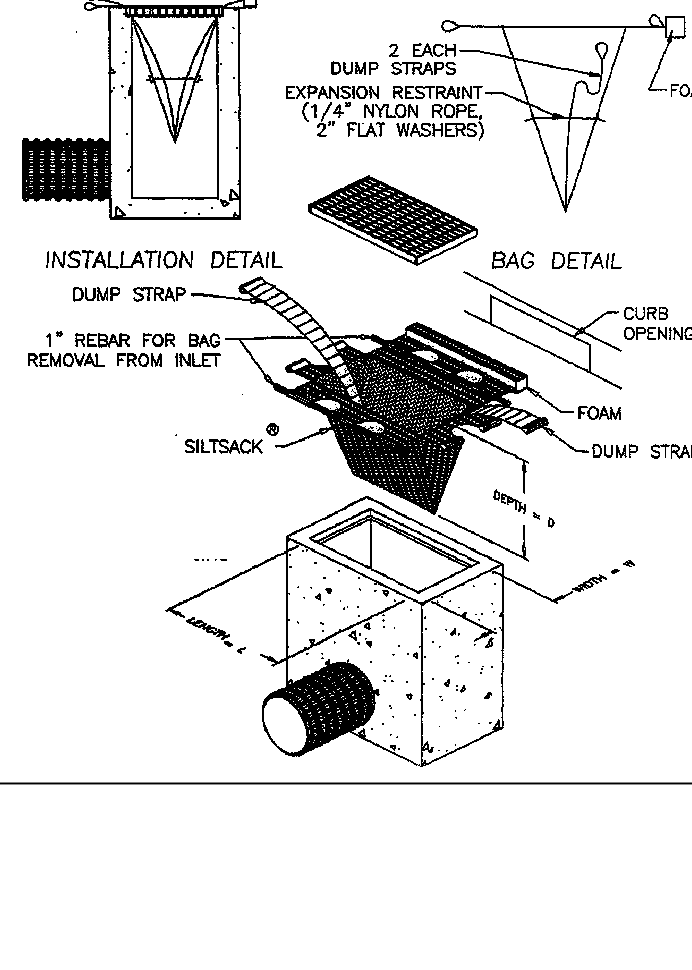
STANDARD UNDERDRAIN

STORM SEWER TRENCH

SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/1/2016

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

TRENCH FOR STORM DRAIN AND UNDER DRAIN
PLATE NO. 20



Typical Siltsack Construction

SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 4/29/2008

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

PRECAST CATCH BASIN OVER EXISTING PIPE
PLATE NO. 32A

SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/1/2016

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

CONCRETE SIDEWALKS
PLATE NO. 6

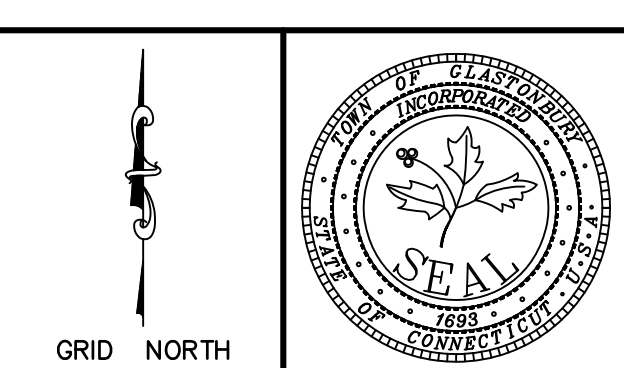
SCALE: NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/1/2016

TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

TRENCH FOR STORM DRAIN AND UNDER DRAIN
PLATE NO. 20

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017

SCALE: AS SHOWN
DATE: 9/2016
DRAWN BY: C.F.S.
CHECKED BY: S.M.B.
APPROVED BY: D.A.P.
ST. FILE:
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.



TYPICAL DETAILS
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

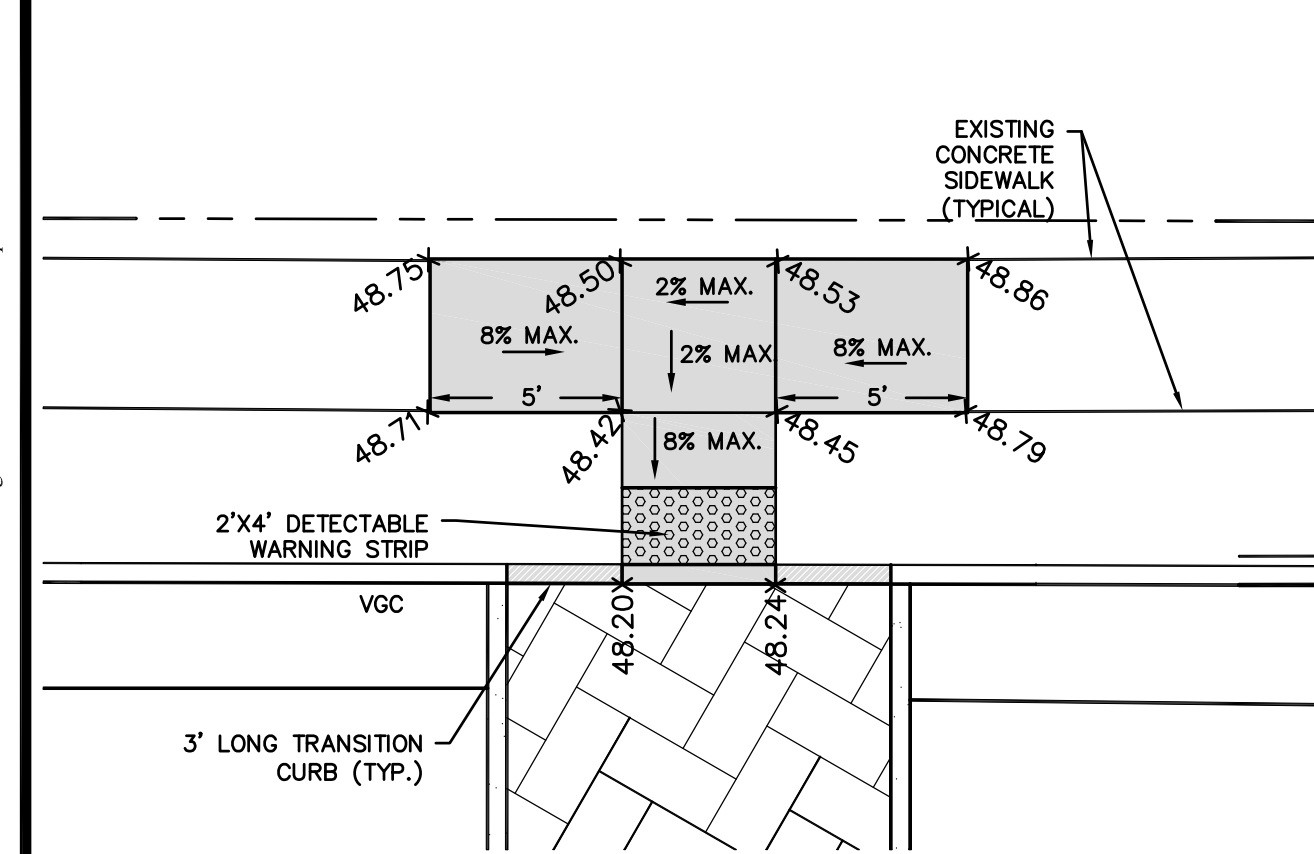
SHEET NO. **3** OF 17

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS AND BY INFORMATION PROVIDED BY OTHERS. THEIR TRUE LOCATIONS MAY VARY FROM THOSE INDICATED, AND ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IF APPLICABLE, UTILIZE THE "CALL BEFORE YOU DIG" NUMBER (1-800-922-4455) TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, AND RESOLVE CONFLICTS PRIOR TO STARTING CONSTRUCTION, REPAIR OR DESIGN.

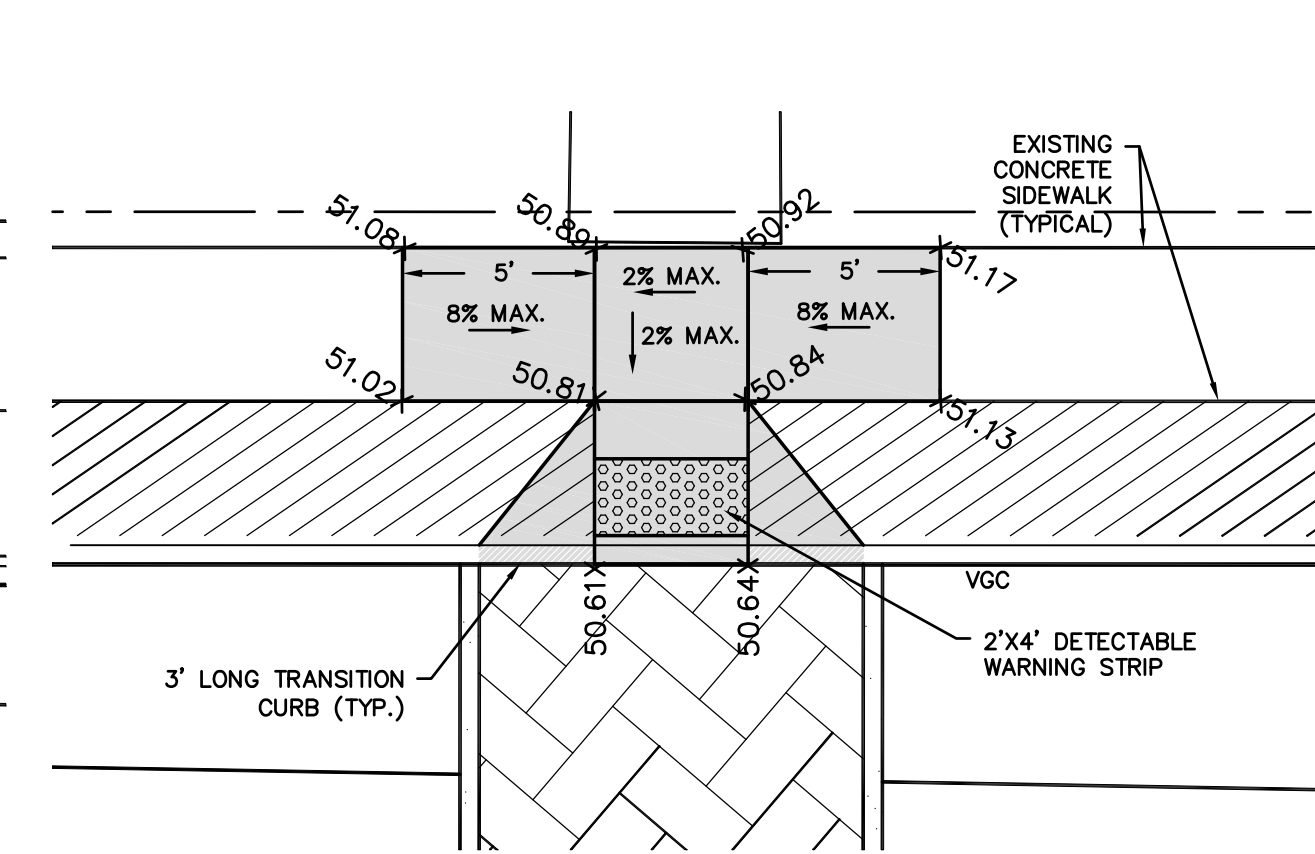
ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS. ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE, AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.

PW-1308

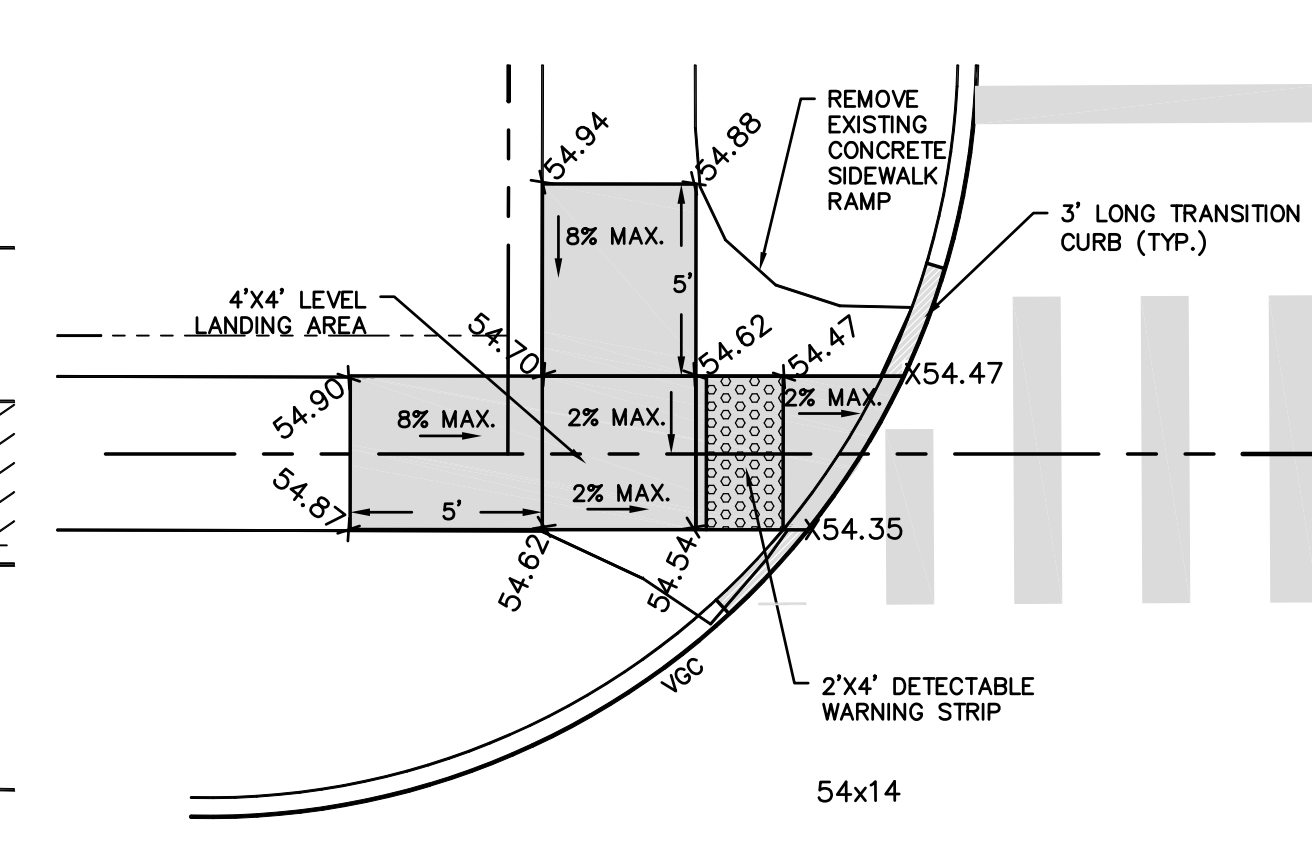
FILE: H:\DWG\Streets\Hebron Ave\PW-1308\Hebron Ave-Ramp-CFS-12-2017.dwg USER: Charles Strambler DATE: 12/14/2017



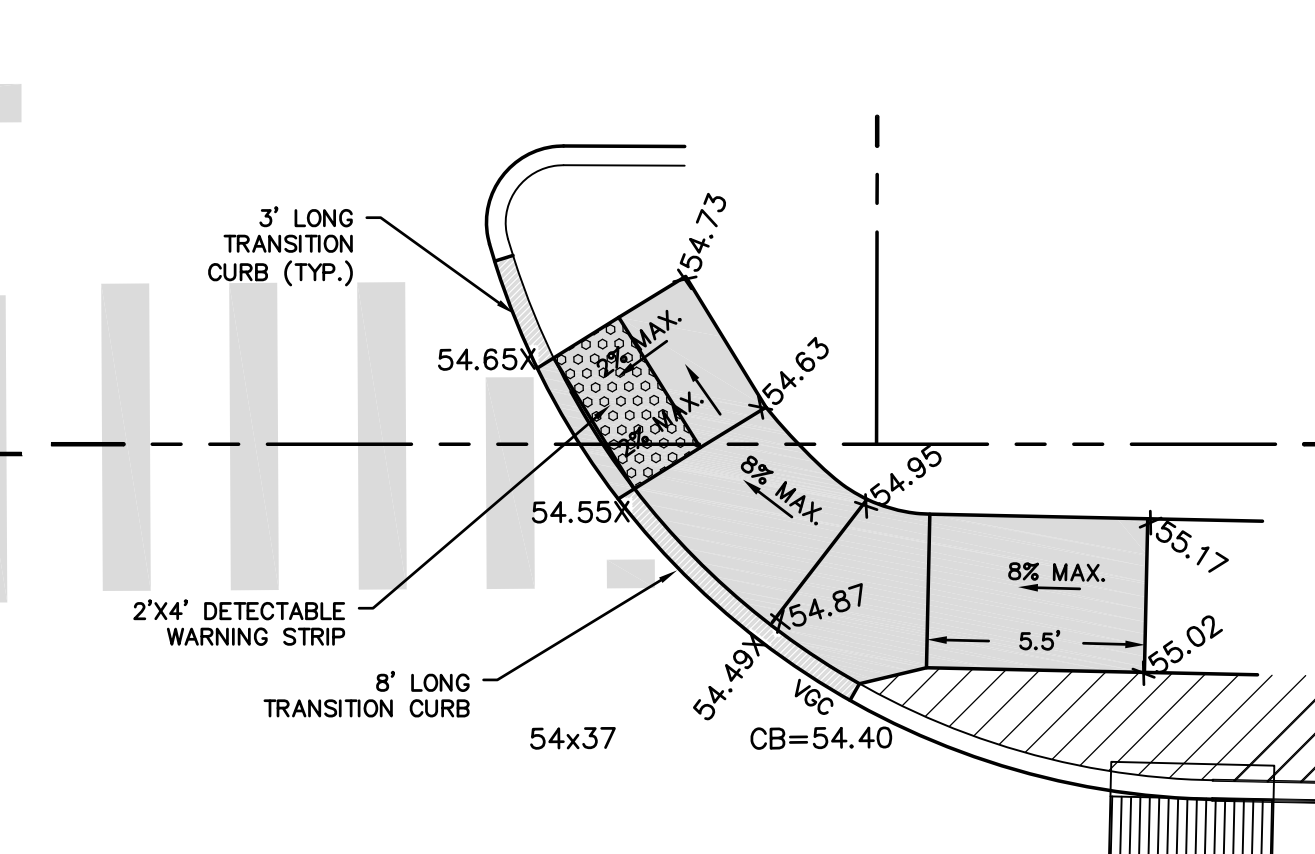
CONCRETE SIDEWALK RAMP
LOCATED AT
STATION 3+71 LEFT
SCALE: 1" = 5'



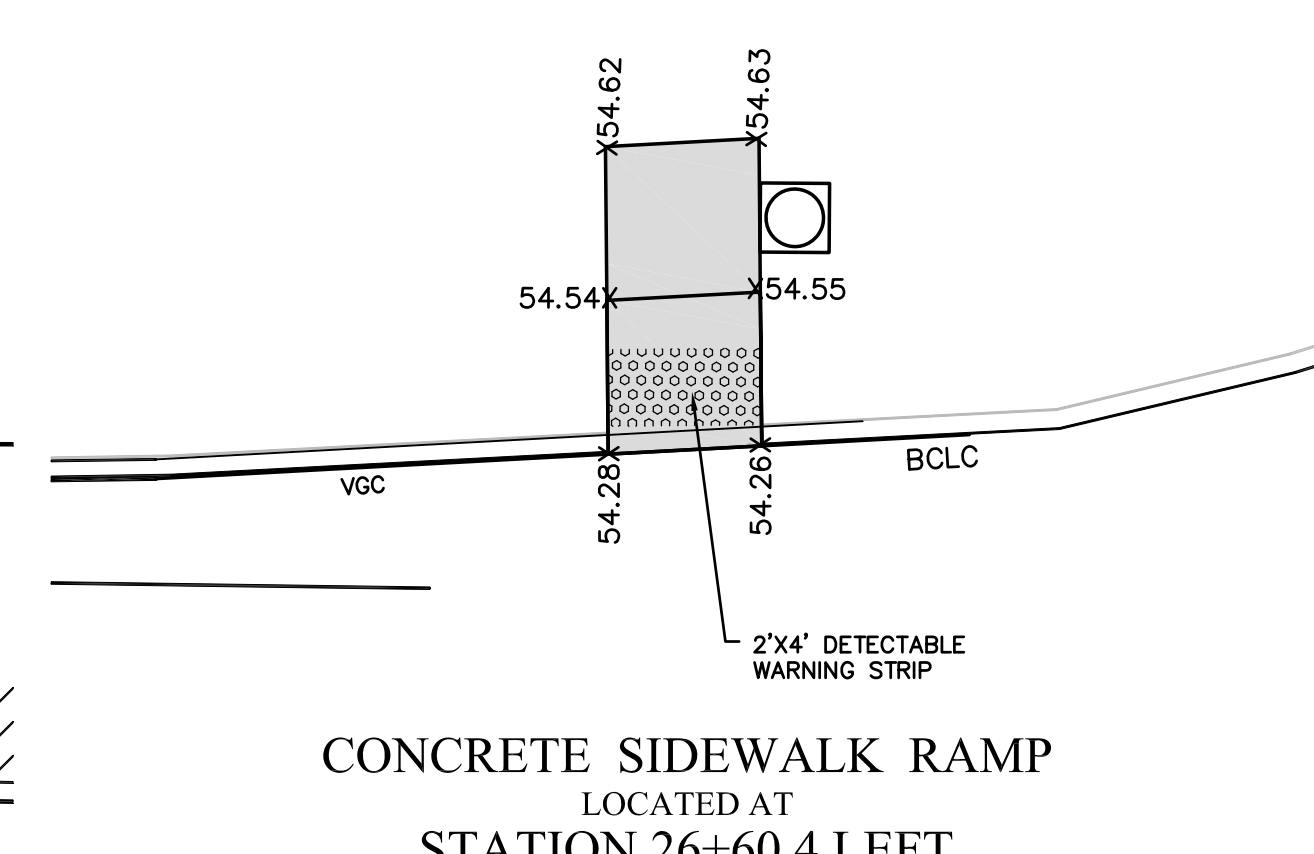
CONCRETE SIDEWALK RAMP
LOCATED AT
STATION 6+80 LEFT
SCALE: 1" = 5'



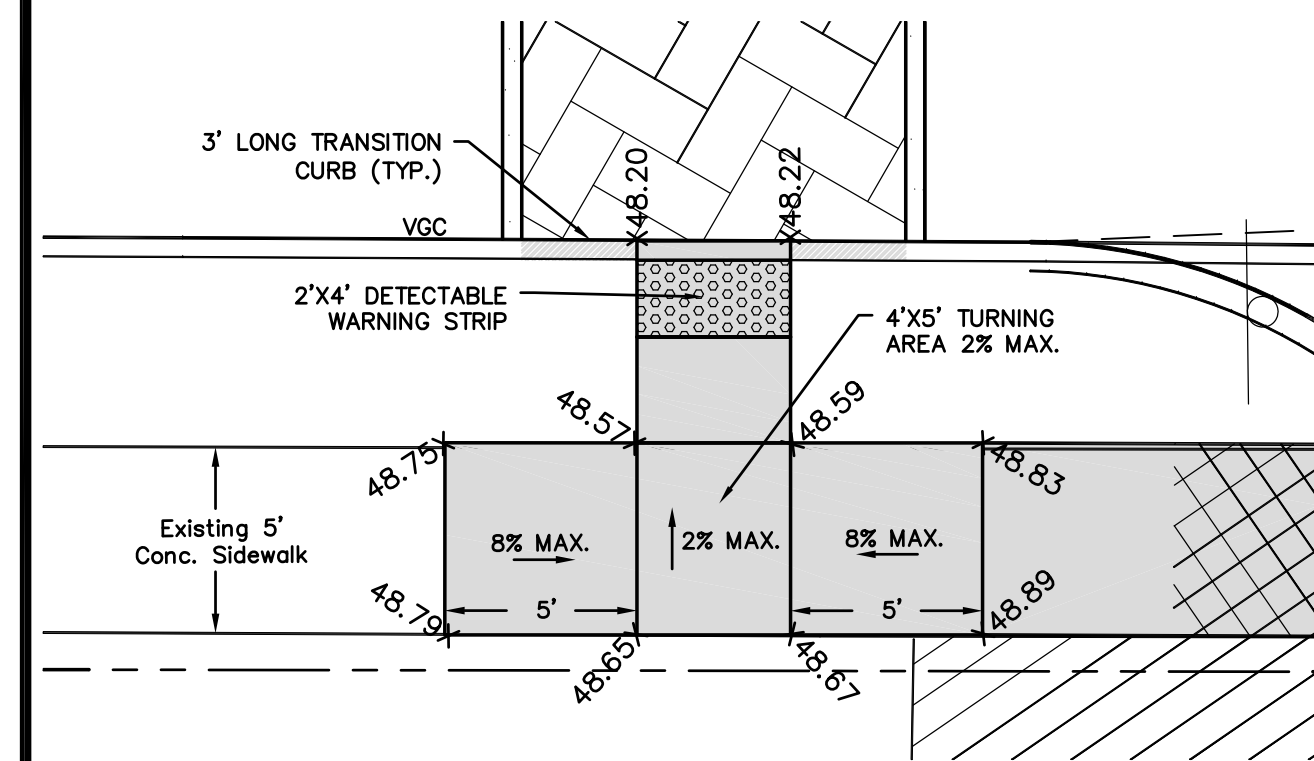
CONCRETE SIDEWALK RAMP
LOCATED AT
CONCORD STREET
STATION 14+43.8 LEFT
SCALE: 1" = 5'



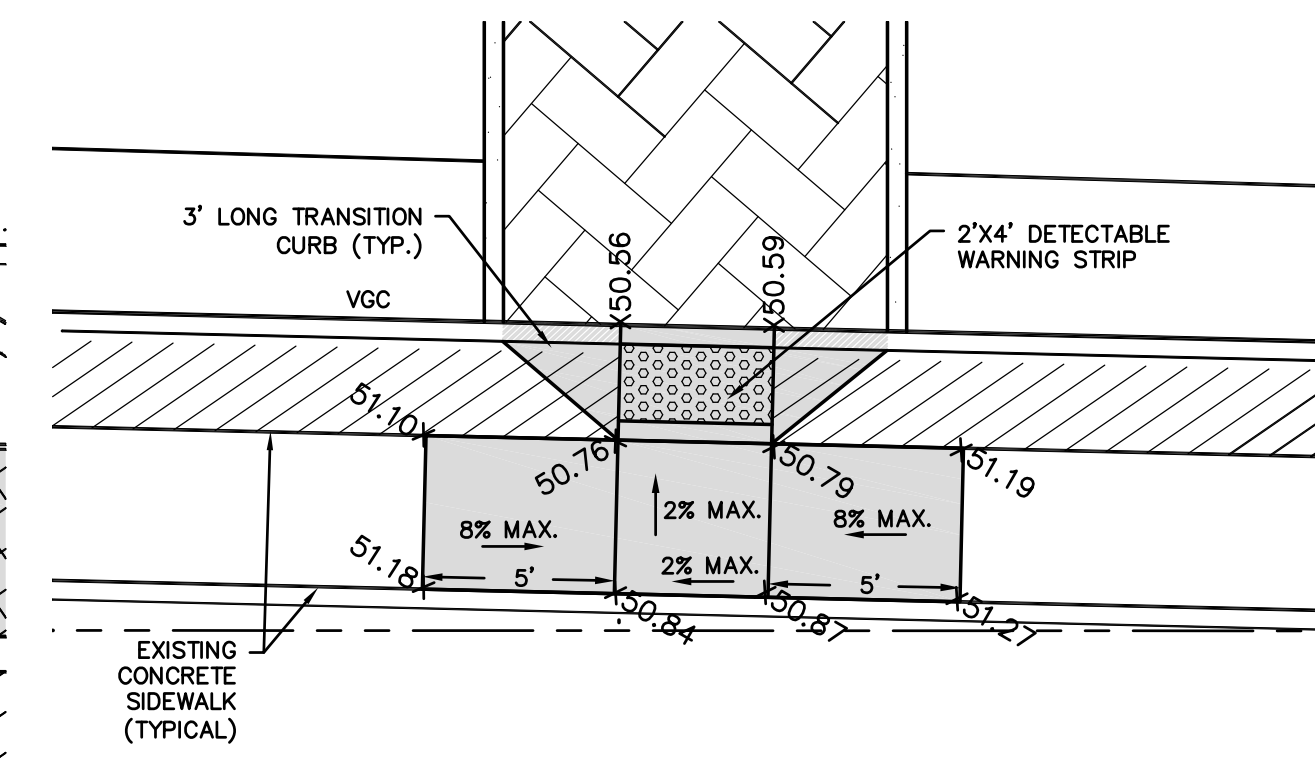
CONCRETE SIDEWALK RAMP
LOCATED AT
CONCORD STREET
STATION 14+76.7 LEFT
SCALE: 1" = 5'



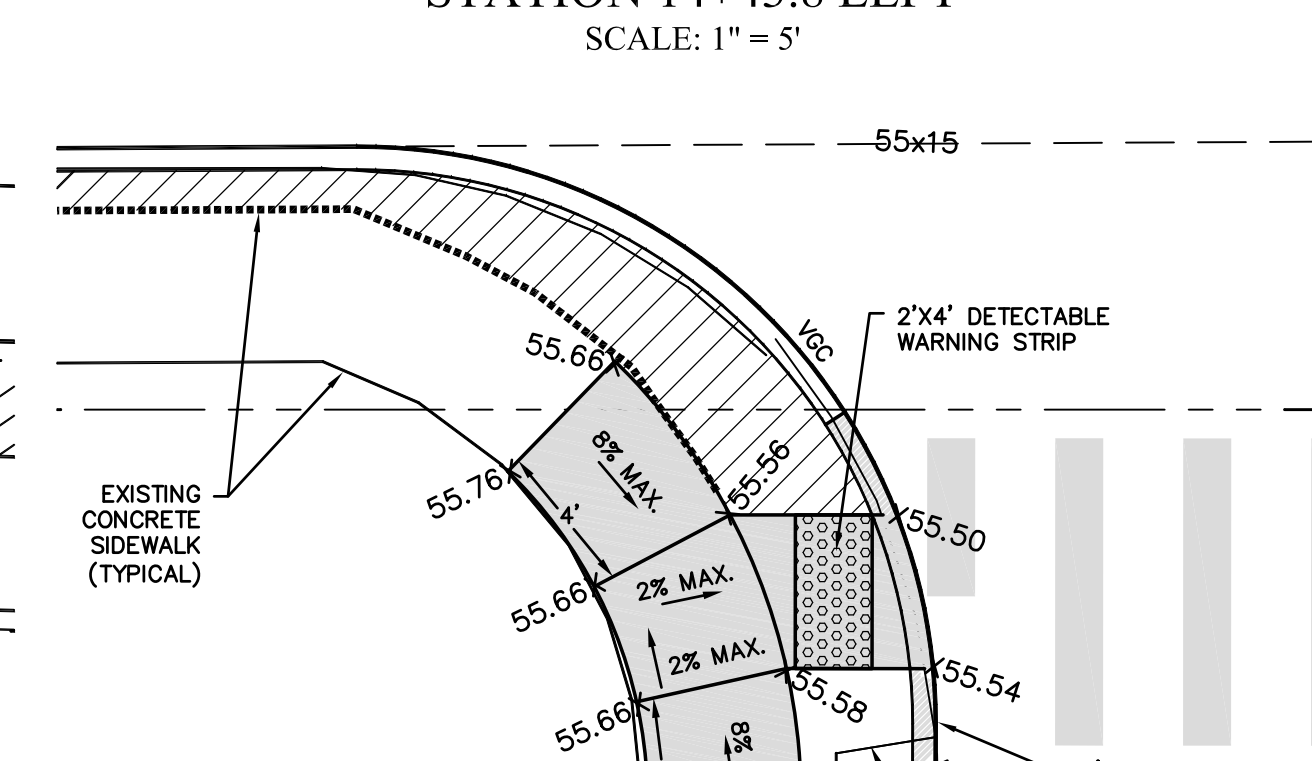
CONCRETE SIDEWALK RAMP
LOCATED AT
STATION 26+60.4 LEFT
SCALE: 1" = 5'



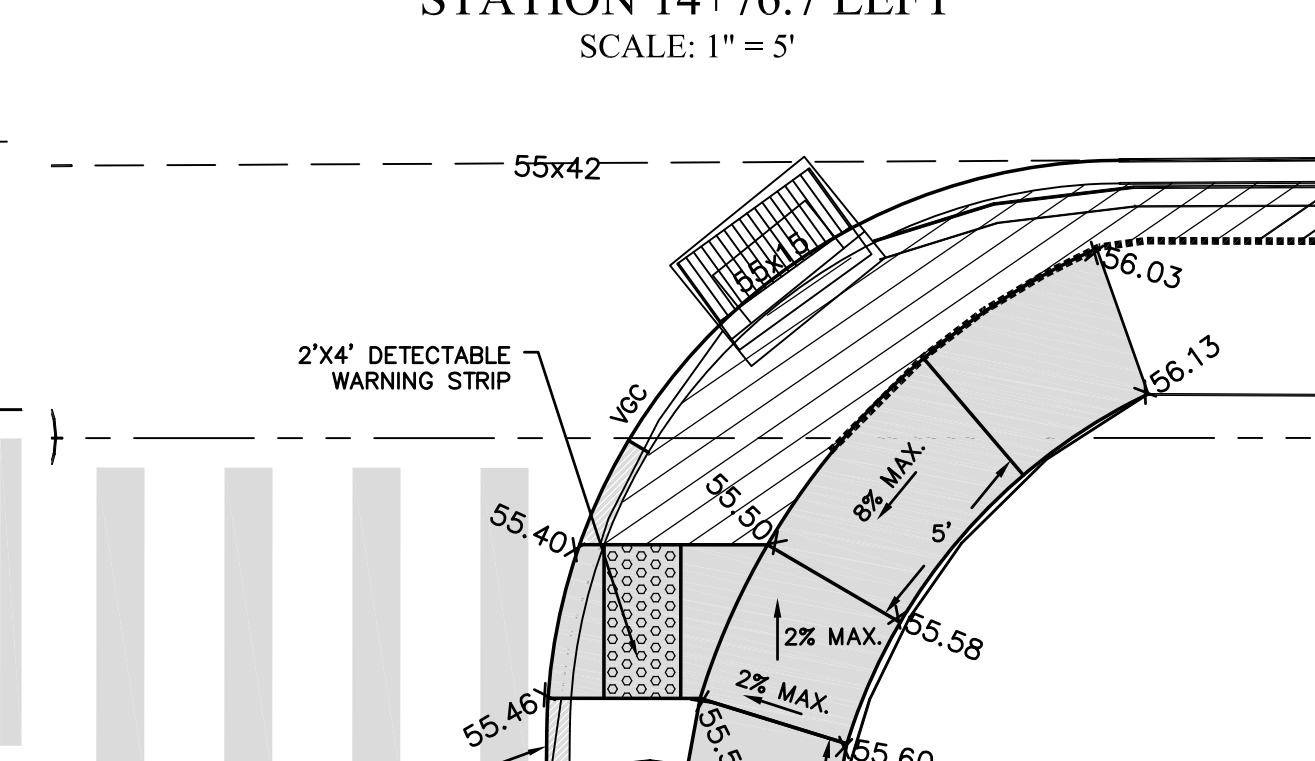
CONCRETE SIDEWALK RAMP
LOCATED AT
STATION 3+71 RIGHT
SCALE: 1" = 5'



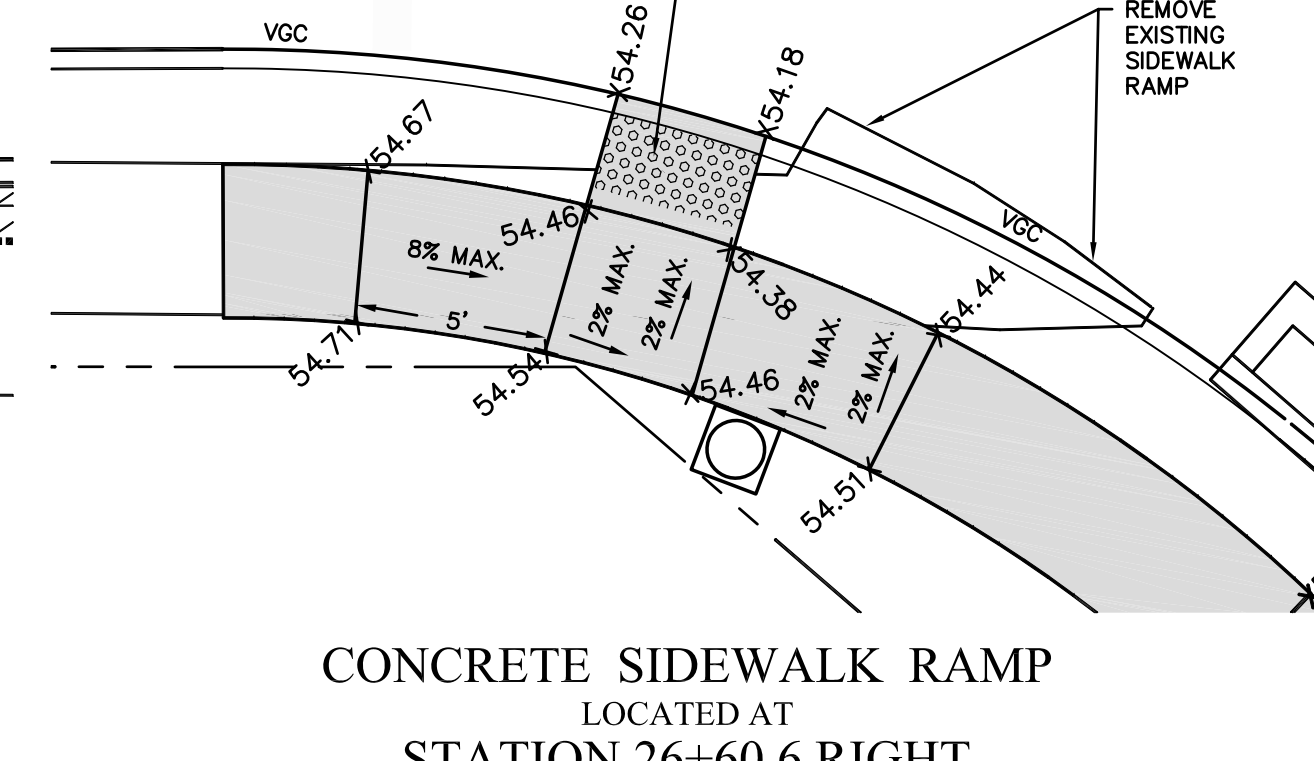
CONCRETE SIDEWALK RAMP
LOCATED AT
STATION 6+80 RIGHT
SCALE: 1" = 5'



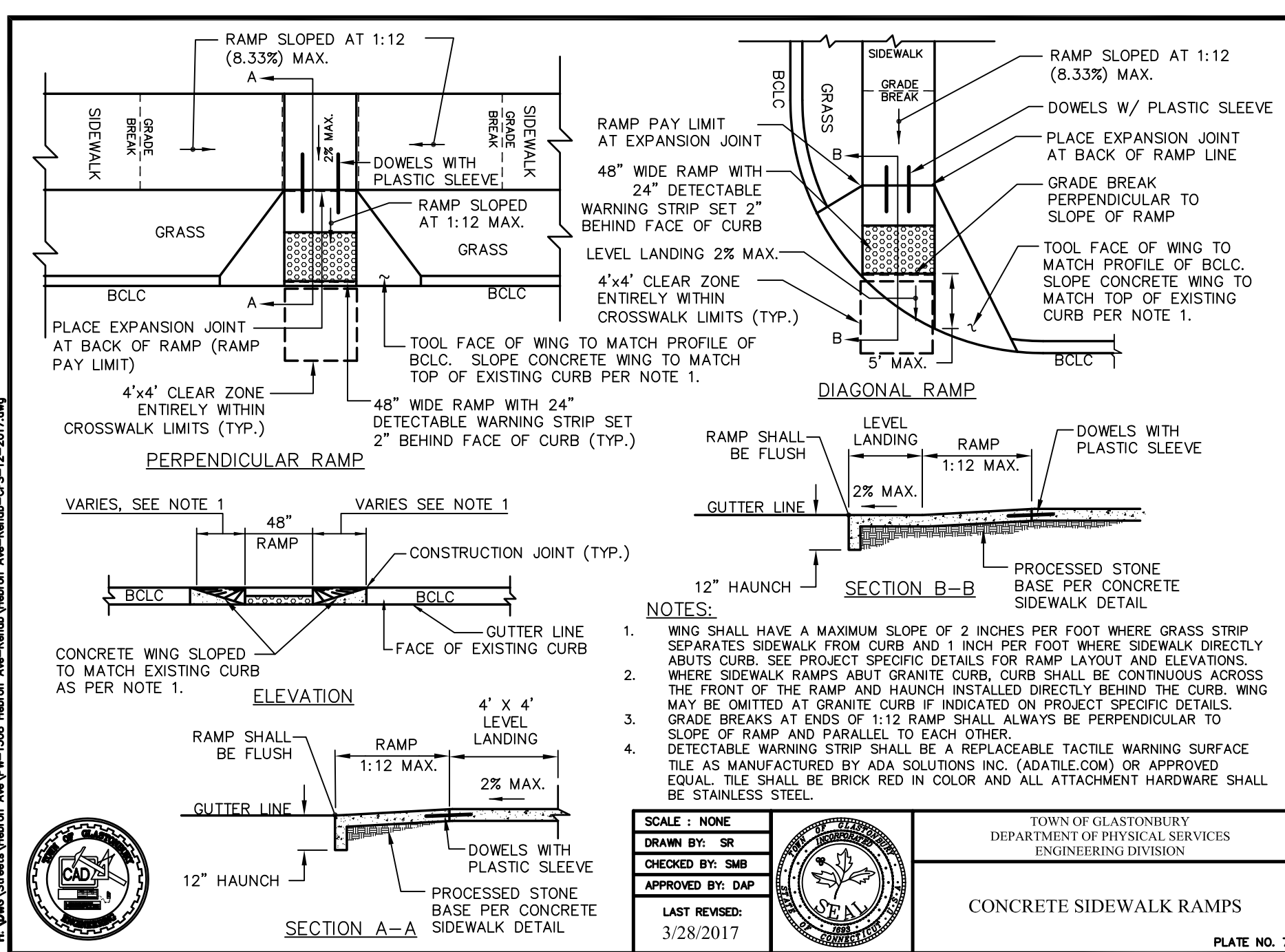
CONCRETE SIDEWALK RAMP
LOCATED AT
NANEL DRIVE
STATION 15+76.7 RIGHT
SCALE: 1" = 5'



CONCRETE SIDEWALK RAMP
LOCATED AT
NANEL DRIVE
STATION 16+22.2 RIGHT
SCALE: 1" = 5'



CONCRETE SIDEWALK RAMP
LOCATED AT
STATION 26+60.6 RIGHT
SCALE: 1" = 5'



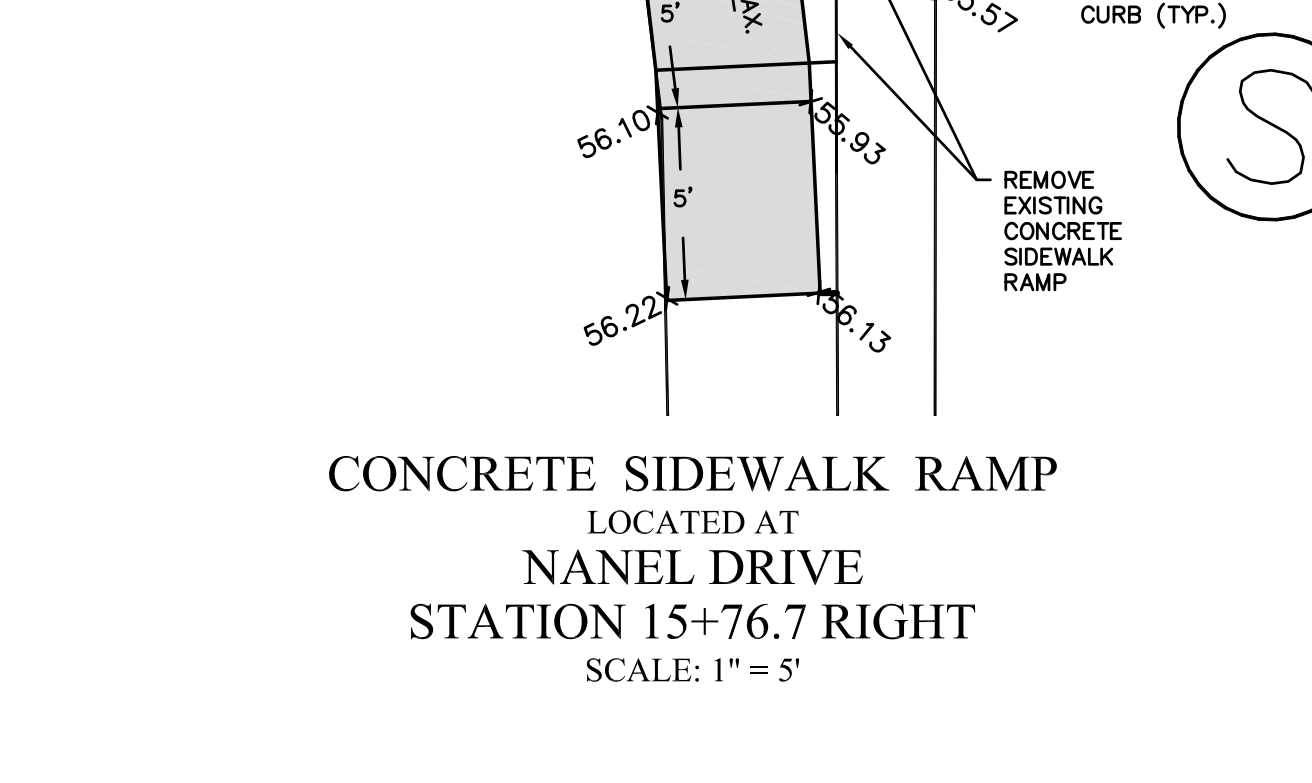
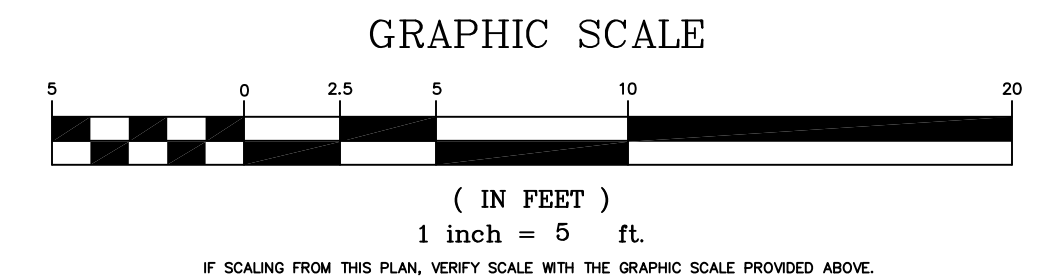
- NOTES:**
1. WING SHALL HAVE A MAXIMUM SLOPE OF 2 INCHES PER FOOT WHERE GRASS STRIP SEPARATES SIDEWALK FROM CURB AND 1 INCH PER FOOT WHERE SIDEWALK DIRECTLY ABUTS CURB. SEE PROJECT SPECIFIC DETAILS FOR RAMP LAYOUT AND ELEVATIONS WHERE SIDEWALK RAMP ABUTS GRANITE CURB. CURB SHALL BE CONTINUOUS ACROSS THE FRONT OF THE RAMP AND HAUNCH INSTALLED DIRECTLY BEHIND THE CURB. WING MAY BE OMITTED AT GRANITE CURB IF INDICATED ON PROJECT SPECIFIC DETAILS.
 2. GRADE BREAKS AT ENDS OF 1:12 RAMP SHALL ALWAYS BE PERPENDICULAR TO SLOPE OF RAMP AND PARALLEL TO EACH OTHER.
 3. DETECTABLE WARNING STRIP SHALL BE A REPLACEABLE TACTILE WARNING SURFACE TILE AS MANUFACTURED BY ADA SOLUTIONS INC. (ADATILE.COM) OR APPROVED EQUAL. TILE SHALL BE BRICK RED IN COLOR AND ALL ATTACHMENT HARDWARE SHALL BE STAINLESS STEEL.

SCALE: NONE
DRAWN BY: SR
CHECKED BY: S.M.B.
APPROVED BY: D.A.P.
LAST REVISION: 3/28/2017

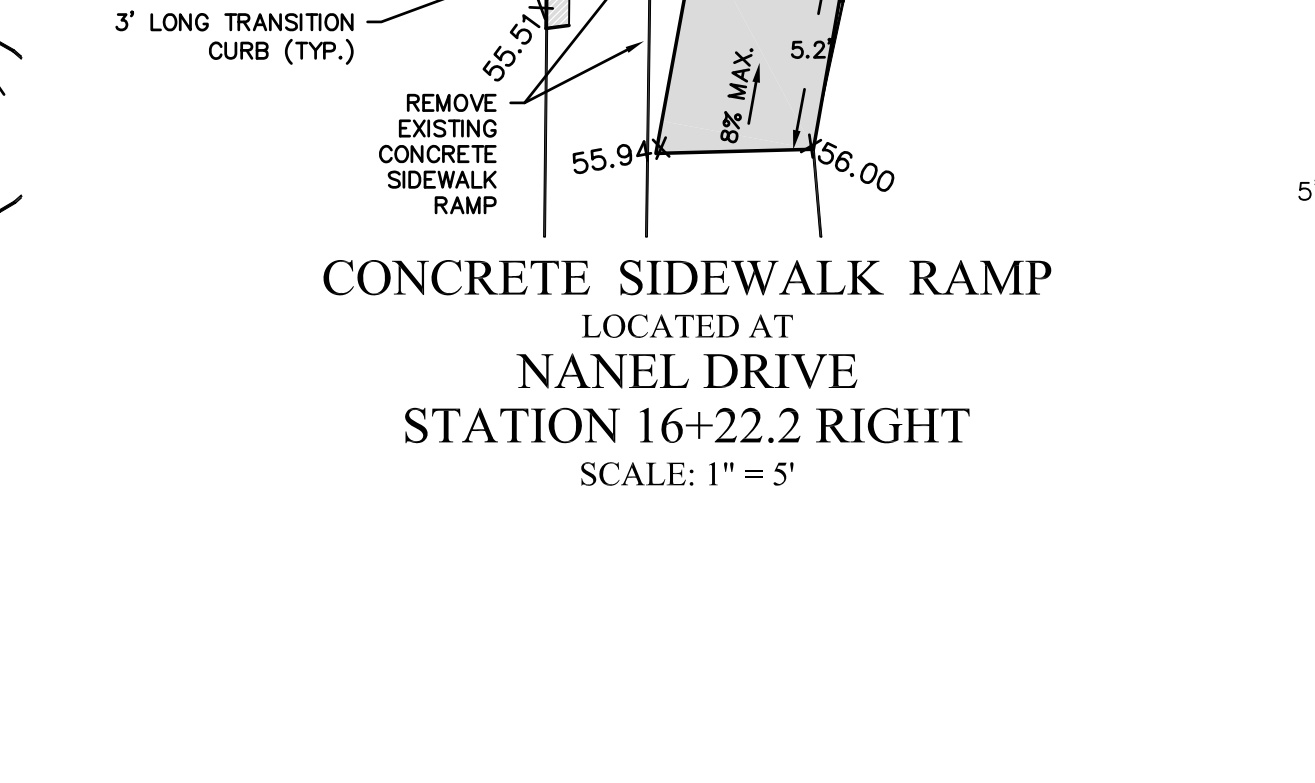
TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

CONCRETE SIDEWALK RAMP
PLATE NO. 7

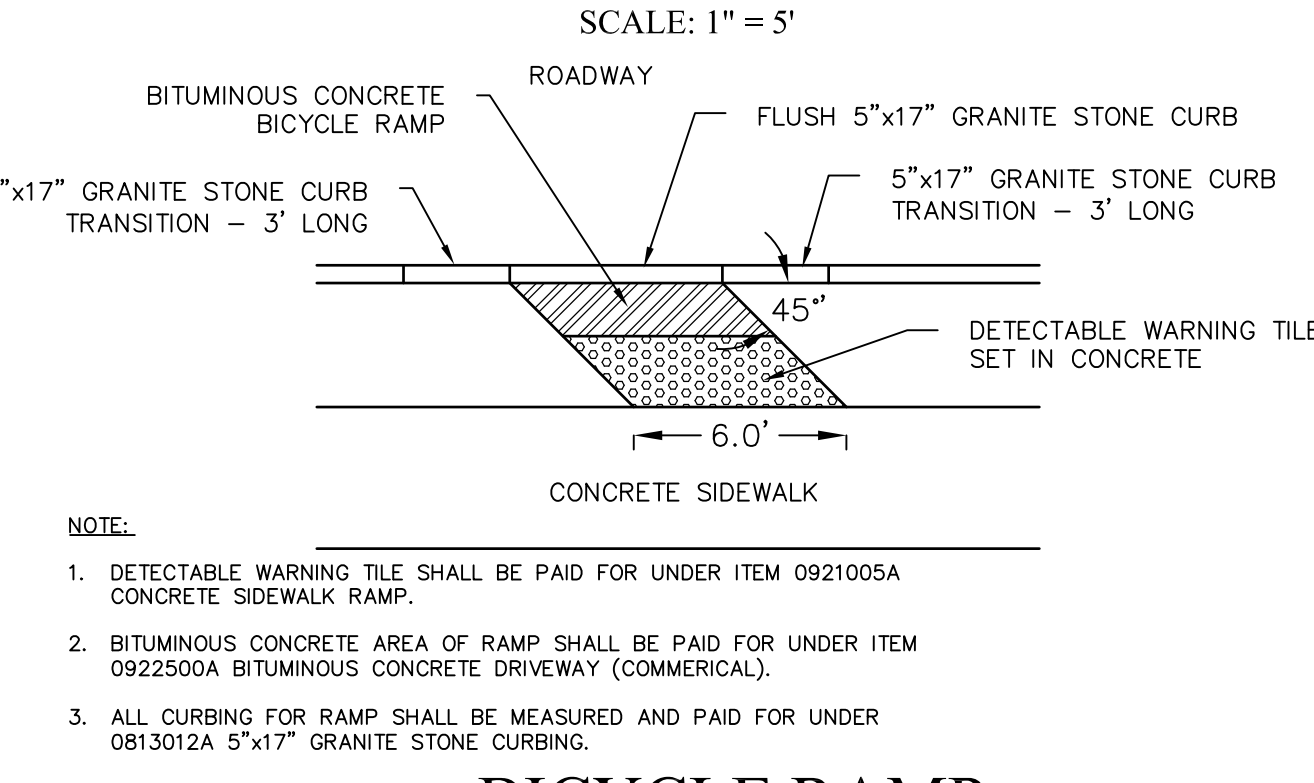
- SIDEWALK RAMP NOTES:**
1. SEE SHEET 3 FOR DETAILED LAYOUT OF SIDEWALK RAMP.
 2. WHERE RAMP ABUT GRANITE CURB, CURB SHALL BE CONTINUOUS ACROSS THE FRONT OF THE RAMP, INCLUDING A 4' WIDE (MINIMUM) FLUSH SECTION AND 3' MINIMUM TRANSITION CURB. LONGER TRANSITION CURB SHALL BE INSTALLED AS INDICATED ON SHEET 3.
 3. ALL SIDEWALKS SHOWN ARE TO BE 4' WIDE UNLESS SHOWN OTHERWISE ON THESE PLANS.



CONCRETE SIDEWALK RAMP
LOCATED AT
SYCAMORE STREET
WEST SIDE
SCALE: 1" = 5'

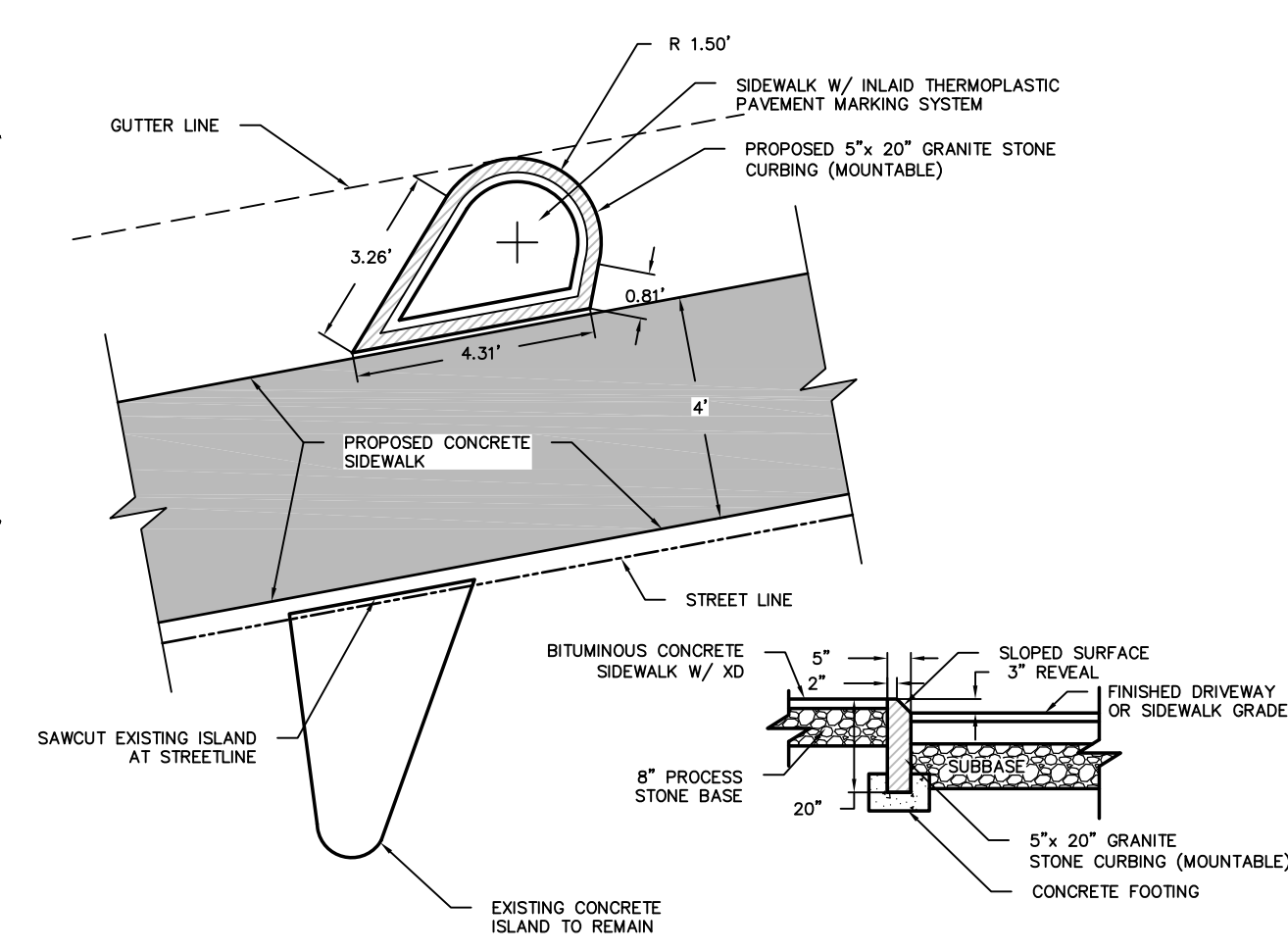


CONCRETE SIDEWALK RAMP
LOCATED AT
SYCAMORE STREET
EAST SIDE
SCALE: 1" = 5'



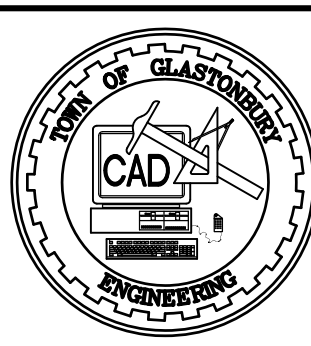
- NOTE:**
1. DETECTABLE WARNING TILE SHALL BE PAID FOR UNDER ITEM 0921005A CONCRETE SIDEWALK RAMP.
 2. BITUMINOUS CONCRETE AREA OF RAMP SHALL BE PAID FOR UNDER ITEM 0922500A BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL).
 3. ALL CURBING FOR RAMP SHALL BE MEASURED AND PAID FOR UNDER 0813012A 5'x17' GRANITE STONE CURBING.

BICYCLE RAMP
NOT TO SCALE

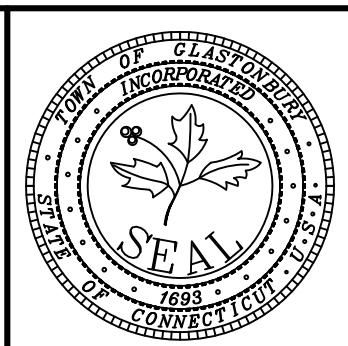


5'x20' GRANITE STONE CURBING - (MOUNTABLE)
ISLAND AT STATION 7+60
NOT TO SCALE

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



SCALE: AS SHOWN
DATE: 9/2016
DRAWN BY: C.F.S.
CHECKED BY: S.M.B.
APPROVED BY: D.A.P.
ST. FILE:
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.

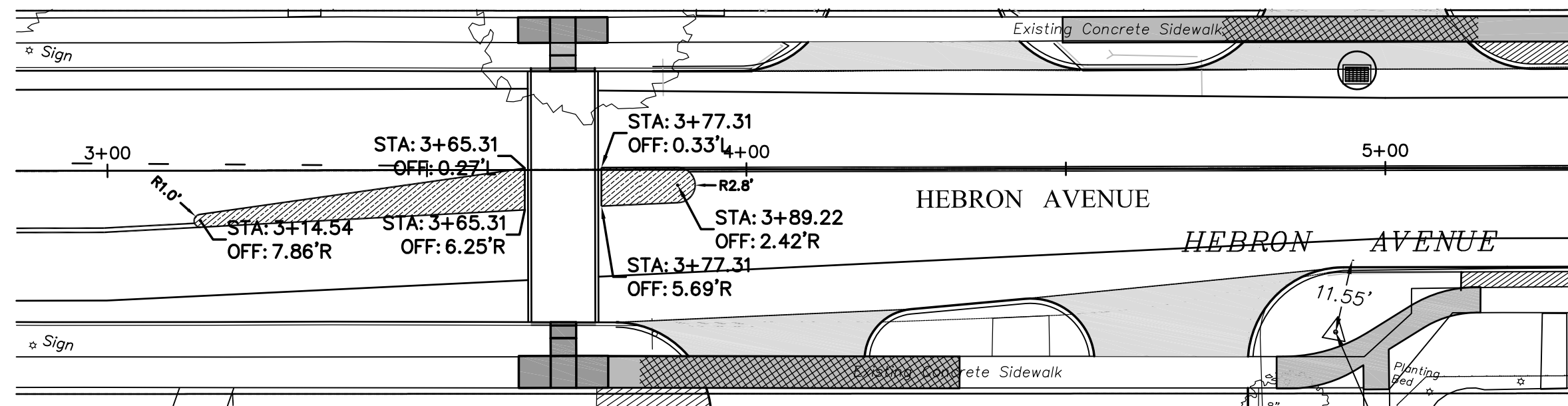


CONCRETE SIDEWALK RAMP DETAILS
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

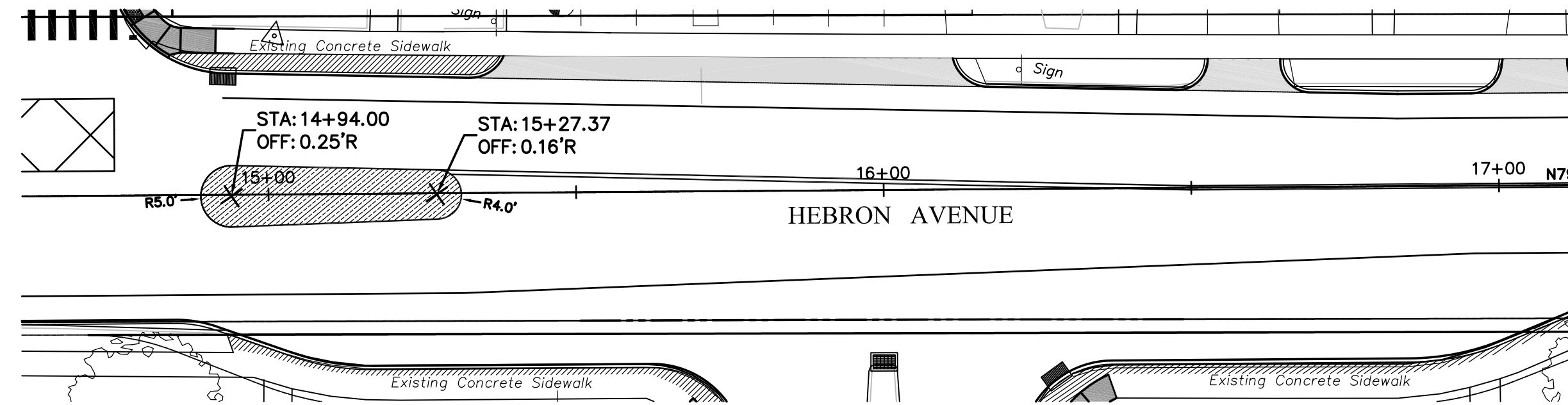
SHEET NO. **4**
OF 17

PW-1308

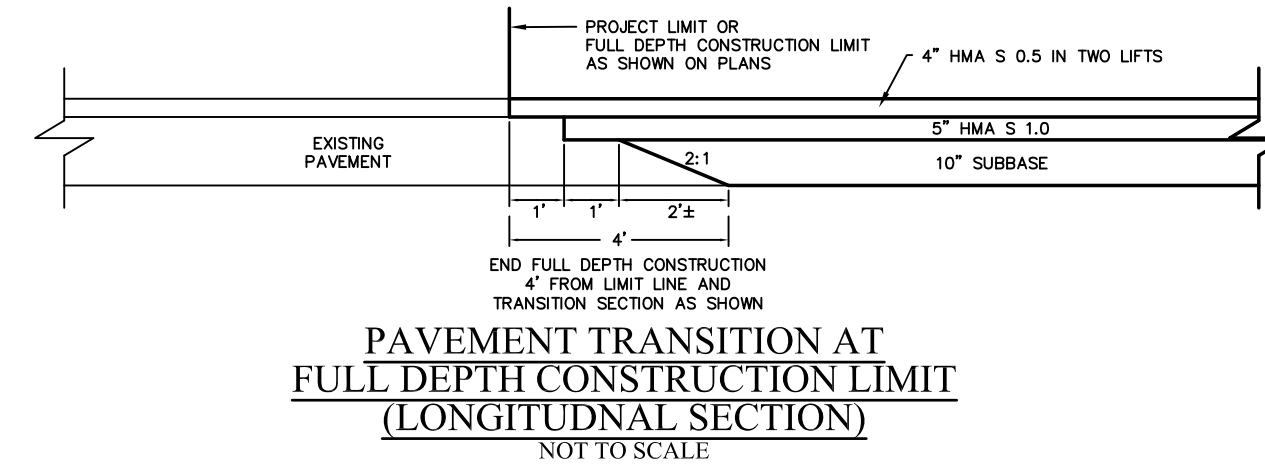
FILE: H:\DWG\Streets\Hebron Ave\PW-1308 Hebron Ave-Reliab\Hebron Ave-Reliab-CFS-12-2017.dwg USER: Charles Stambler DATE: 12/14/2017



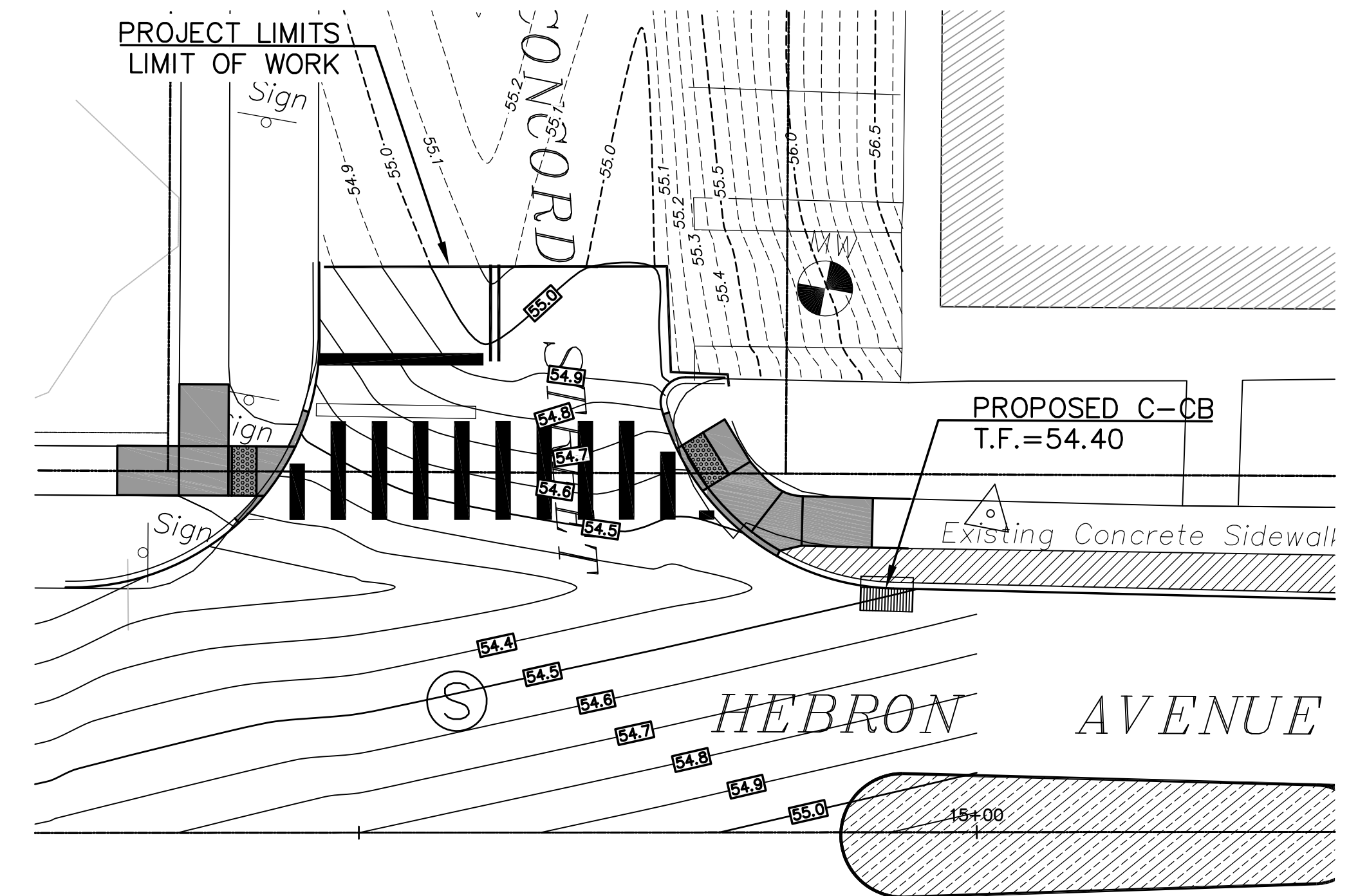
INLAID THERMOELASTIC PAVEMENT MARKING SYSTEM
STAMPED/COLORED BIT. PAVEMENT
LOCATED AT
STATION 3+14 TO STATION 3+92
SCALE: 1" = 20'



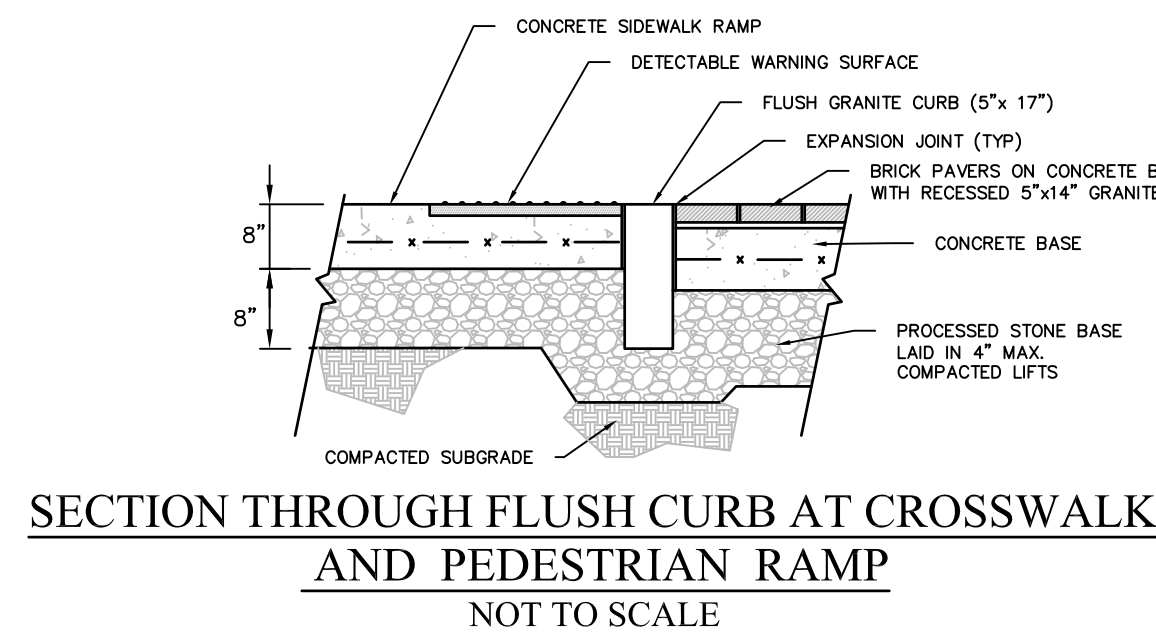
INLAID THERMOELASTIC PAVEMENT MARKING SYSTEM
STAMPED/COLORED BIT. PAVEMENT
LOCATED AT
STATION 14+90 TO STATION 15+31
SCALE: 1" = 20'



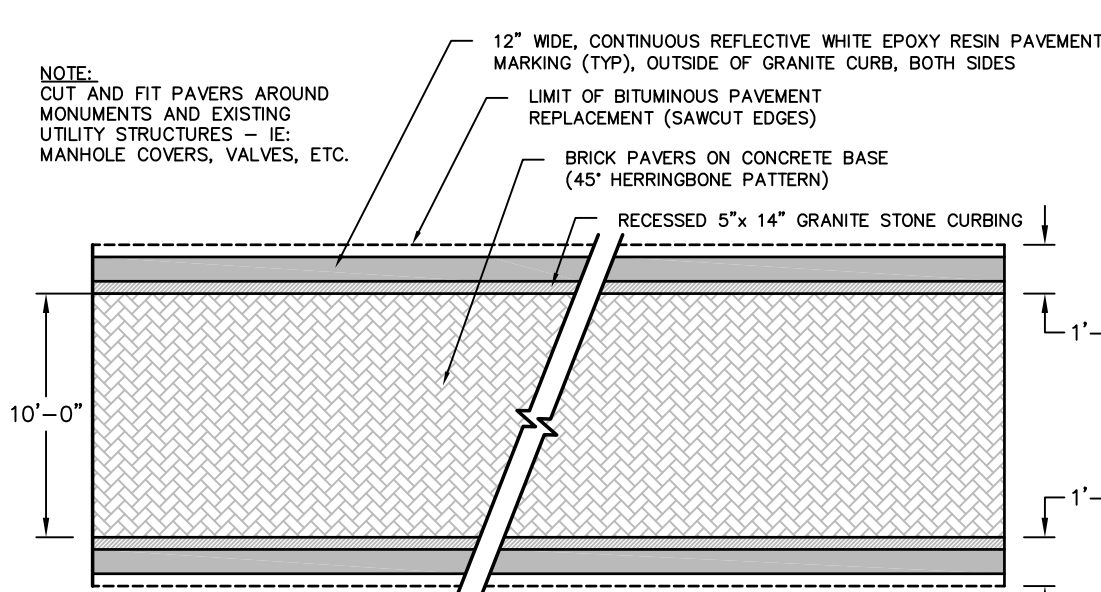
PAVEMENT TRANSITION AT
FULL DEPTH CONSTRUCTION LIMIT
(LONGITUDINAL SECTION)
NOT TO SCALE



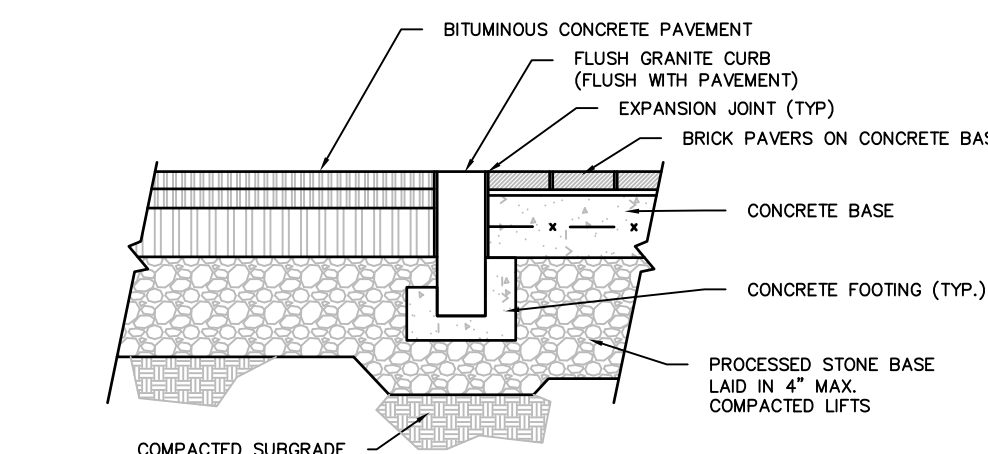
INTERSECTION GRADING PLAN
LOCATED AT
CONCORD STREET & HEBRON AVENUE
SCALE: 1" = 10'



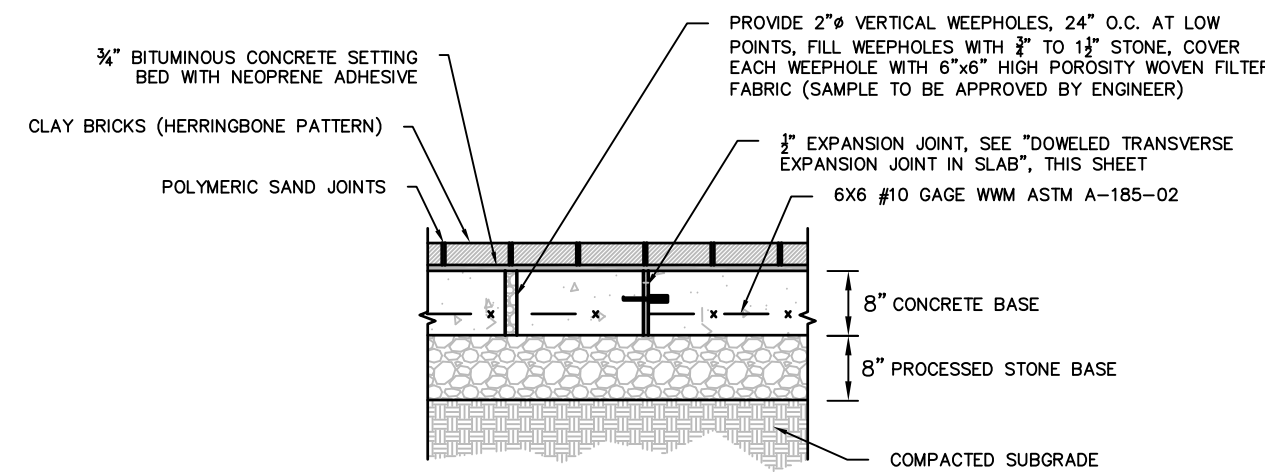
SECTION THROUGH FLUSH CURB AT CROSSWALK
AND PEDESTRIAN RAMP
NOT TO SCALE



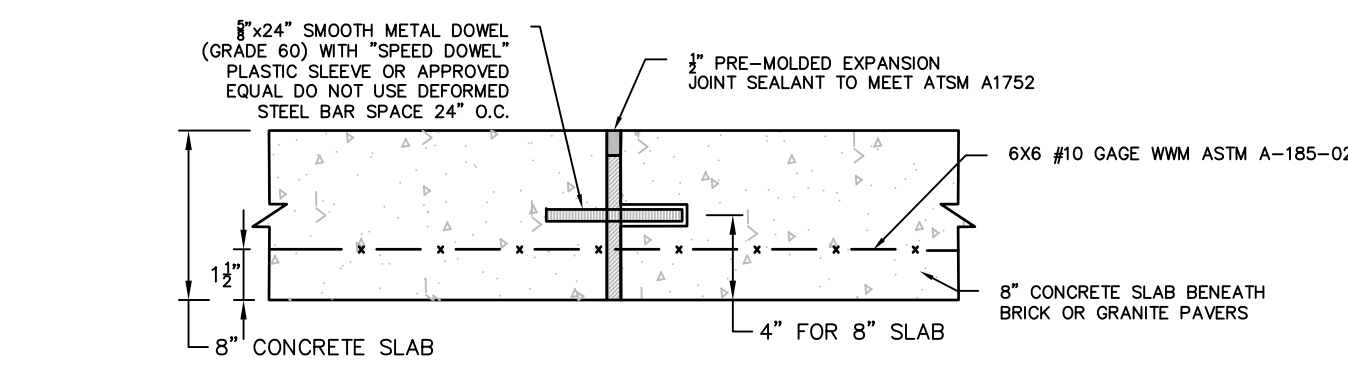
BRICK PAVERS ON CONCRETE BASE
WITH RECESSED 5'x14' GRANITE CURB
NOT TO SCALE



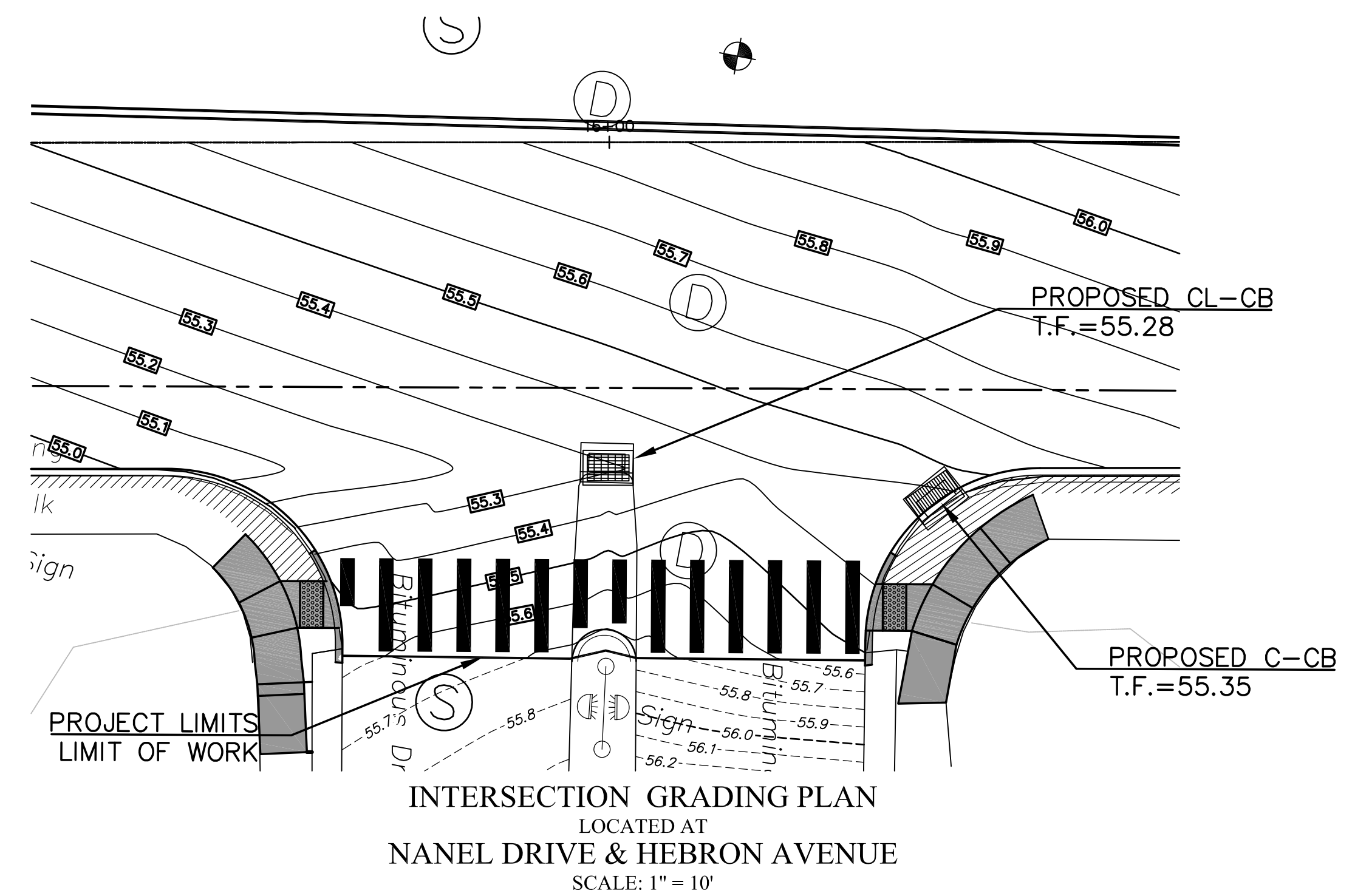
SECTION THROUGH FLUSH CURB
AT CROSSWALK IN TRAVELWAY
NOT TO SCALE



BRICK PAVERS ON CONCRETE BASE
NOT TO SCALE



DOWELED TRANSVERSE EXPANSION JOINT IN SLAB
NOT TO SCALE

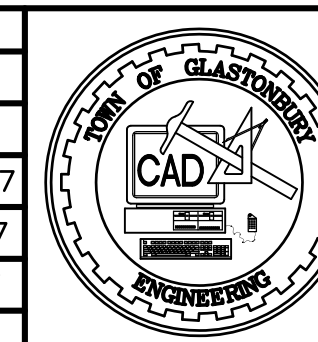


INTERSECTION GRADING PLAN
LOCATED AT
NANEL DRIVE & HEBRON AVENUE
SCALE: 1" = 10'

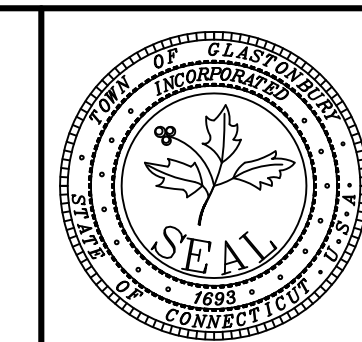
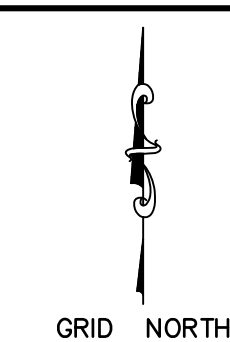
ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS. ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS AND BY INFORMATION PROVIDED BY OTHERS. THEIR TRUE LOCATIONS MAY VARY FROM THOSE INDICATED, AND ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IF APPLICABLE, UTILIZE THE "CALL BEFORE YOU DIG" NUMBER (1-800-922-4455). TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, AND RESOLVE CONFLICTS PRIOR TO STARTING CONSTRUCTION, REPAIR OR DESIGN.

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



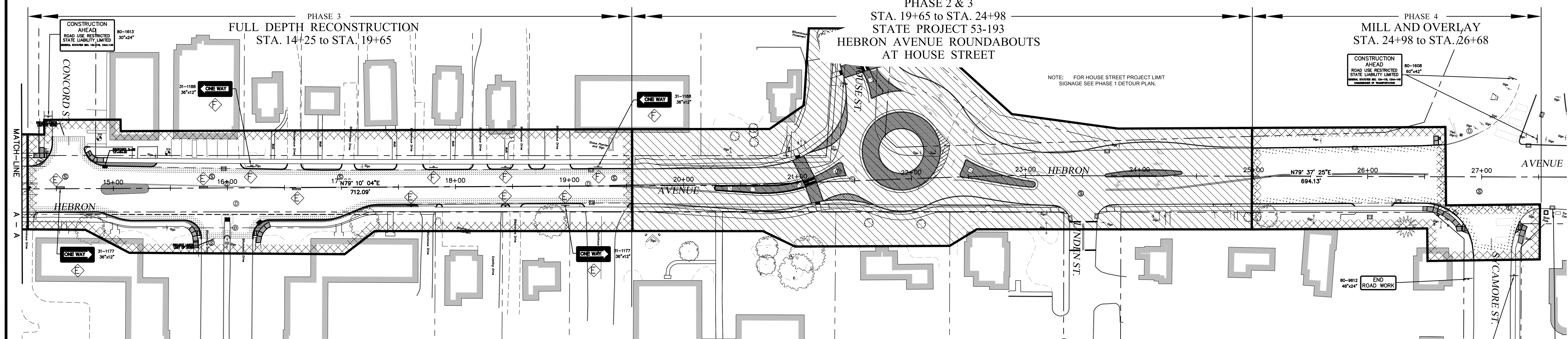
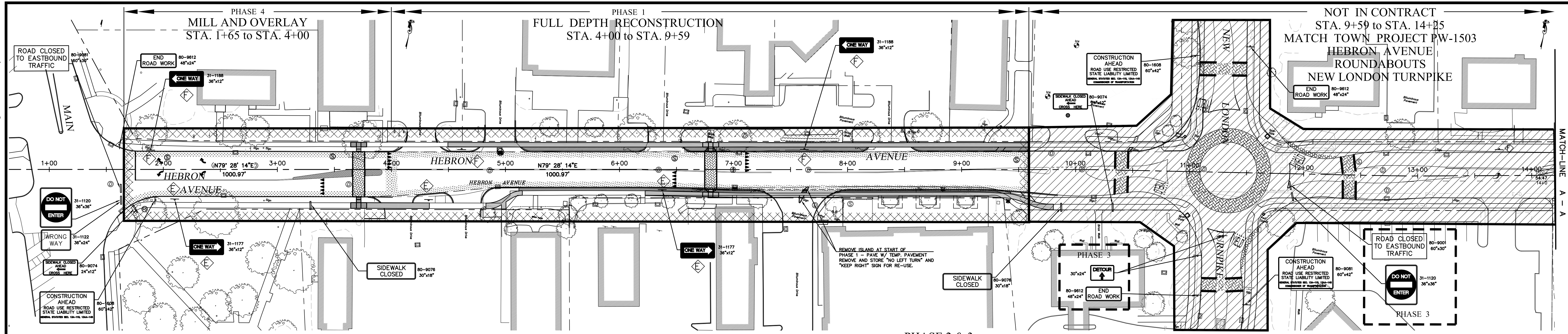
SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	



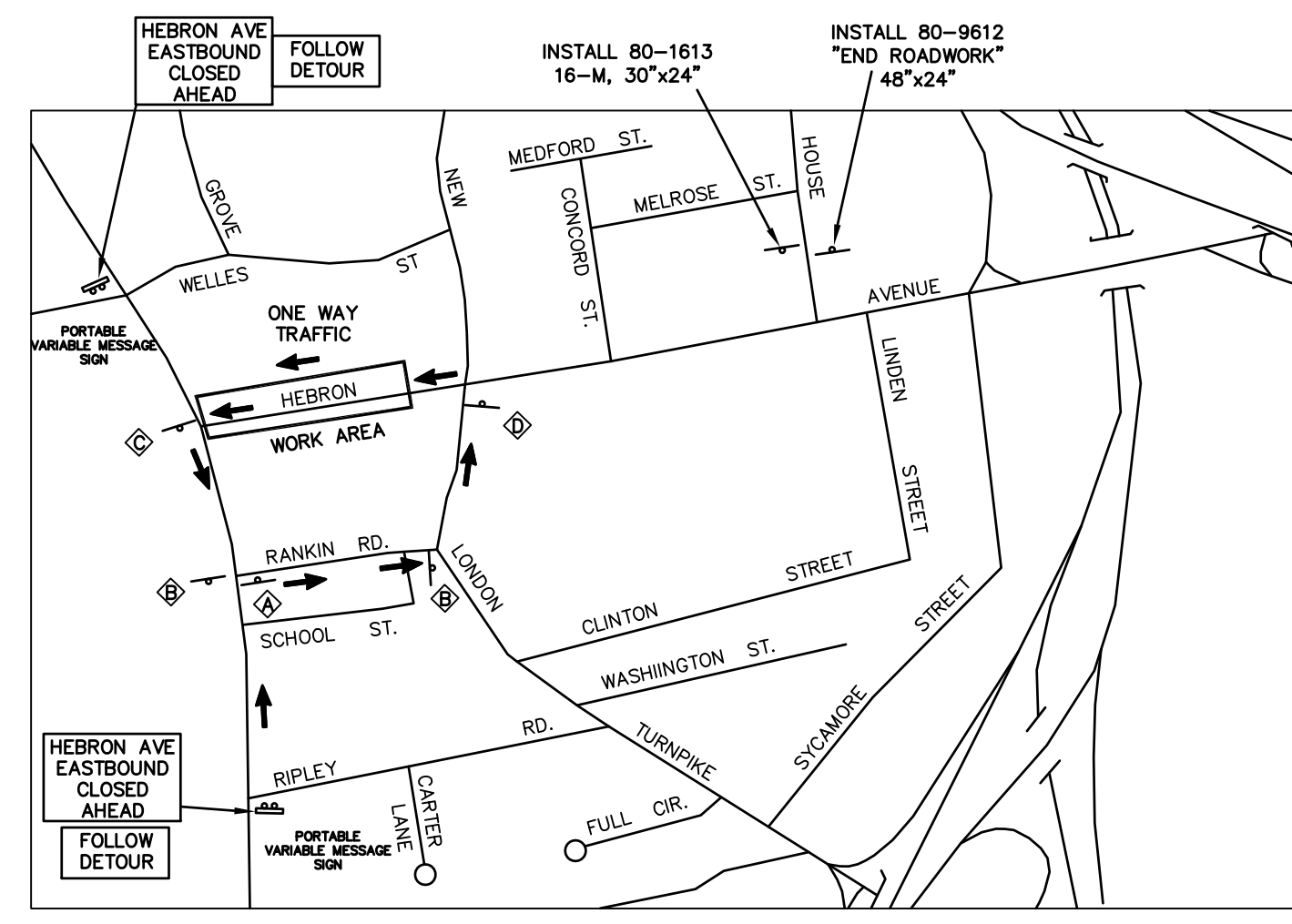
MISCELLANEOUS DETAILS
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

SHEET NO.
5
OF 17

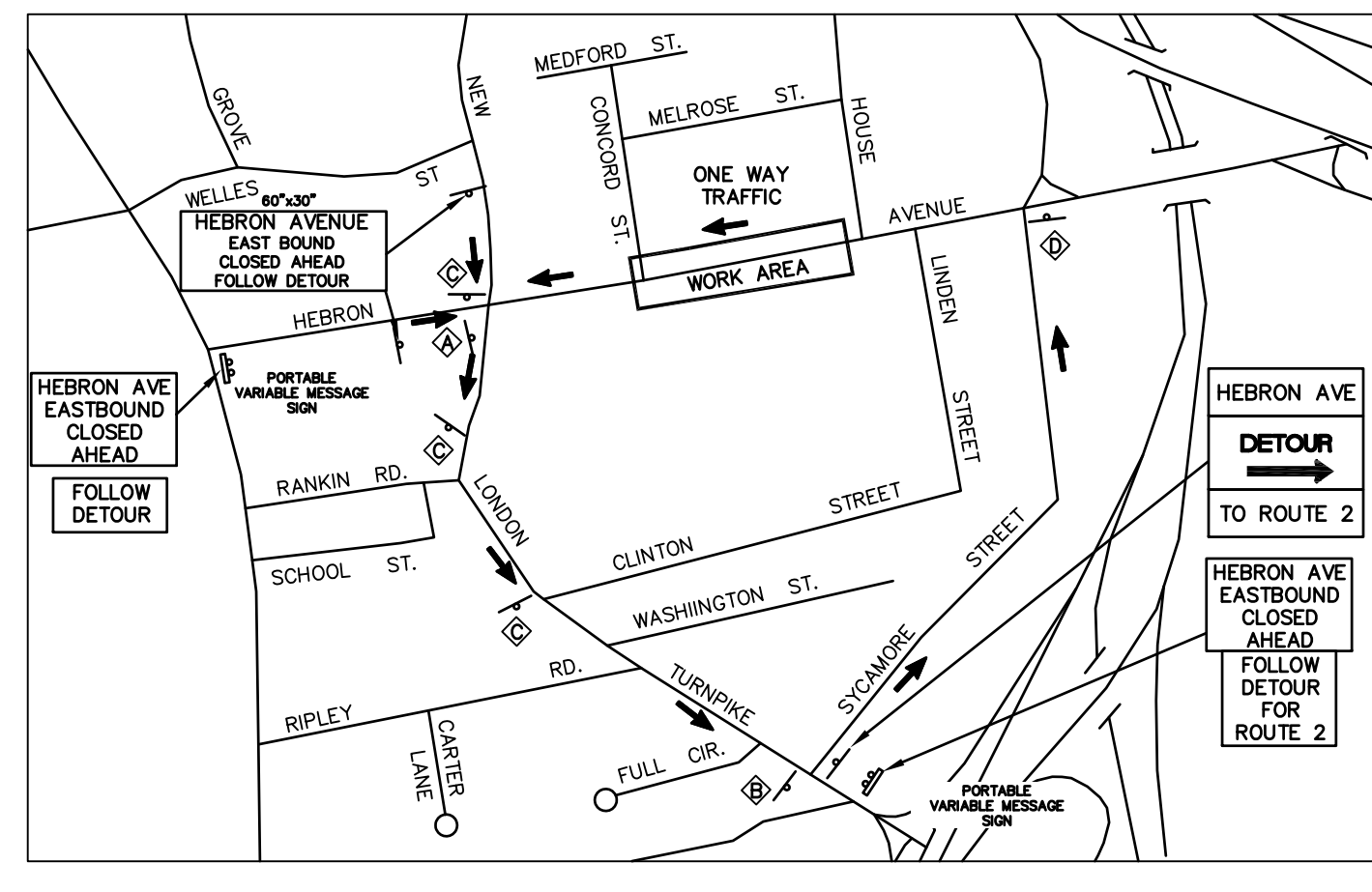
FILE: E:\DWG\Streets\Hebron Ave\Rehab\Hebron Ave-Rehab-CFS-12-2017.dwg USER: Charles Stambler DATE: 12/27/2017



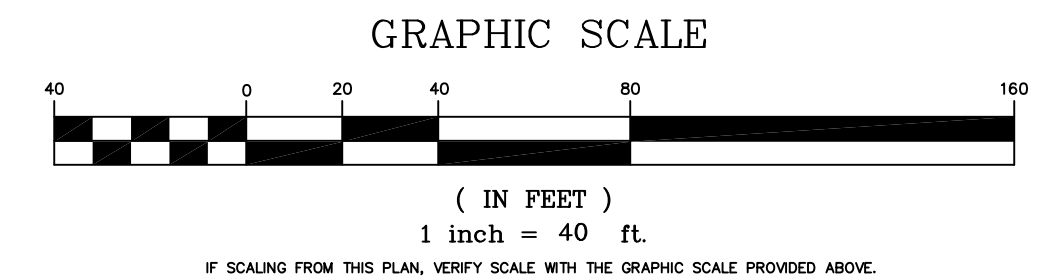
- LEGEND**
- WORK AREA
 - PORTABLE VARIABLE MESSAGE SIGN
 - CONSTRUCTION SIGN
 - DETOUR TRAFFIC FLOW
 - HEBRON AVE 30'x18'
 - DETOUR 30'x24'
 - HEBRON AVE 30'x18'
 - DETOUR 30'x24'
 - HEBRON AVE 30'x18'
 - DETOUR 30'x24'
 - END DETOUR 30'x24'
 - ONE WAY 36'x12'
 - ONE WAY 36'x12'
 - SIDEWALK CLOSED 30'x18'
 - SIDEWALK CLOSED AHEAD 24'x12'



PHASE 1 DETOUR (RANKIN ROAD) N.T.S.

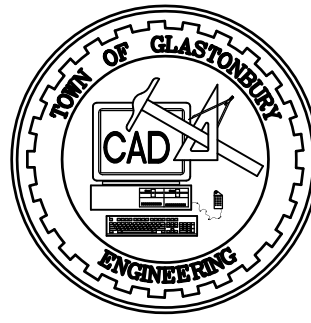


PHASE 3 DETOUR (SYCAMORE STREET) N.T.S.

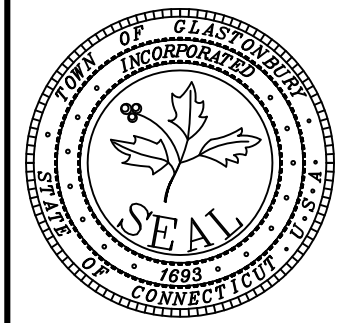


PW-1308

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



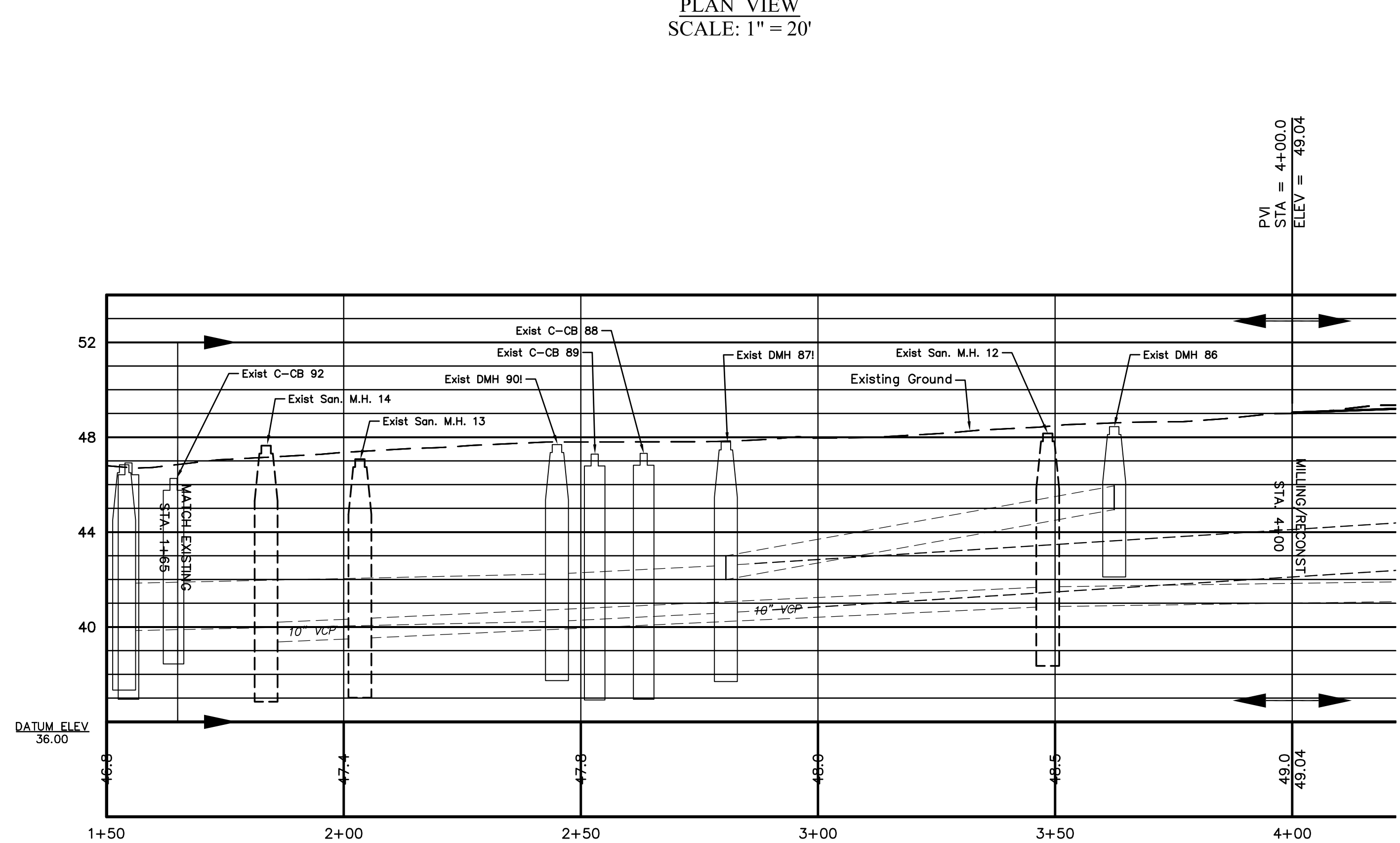
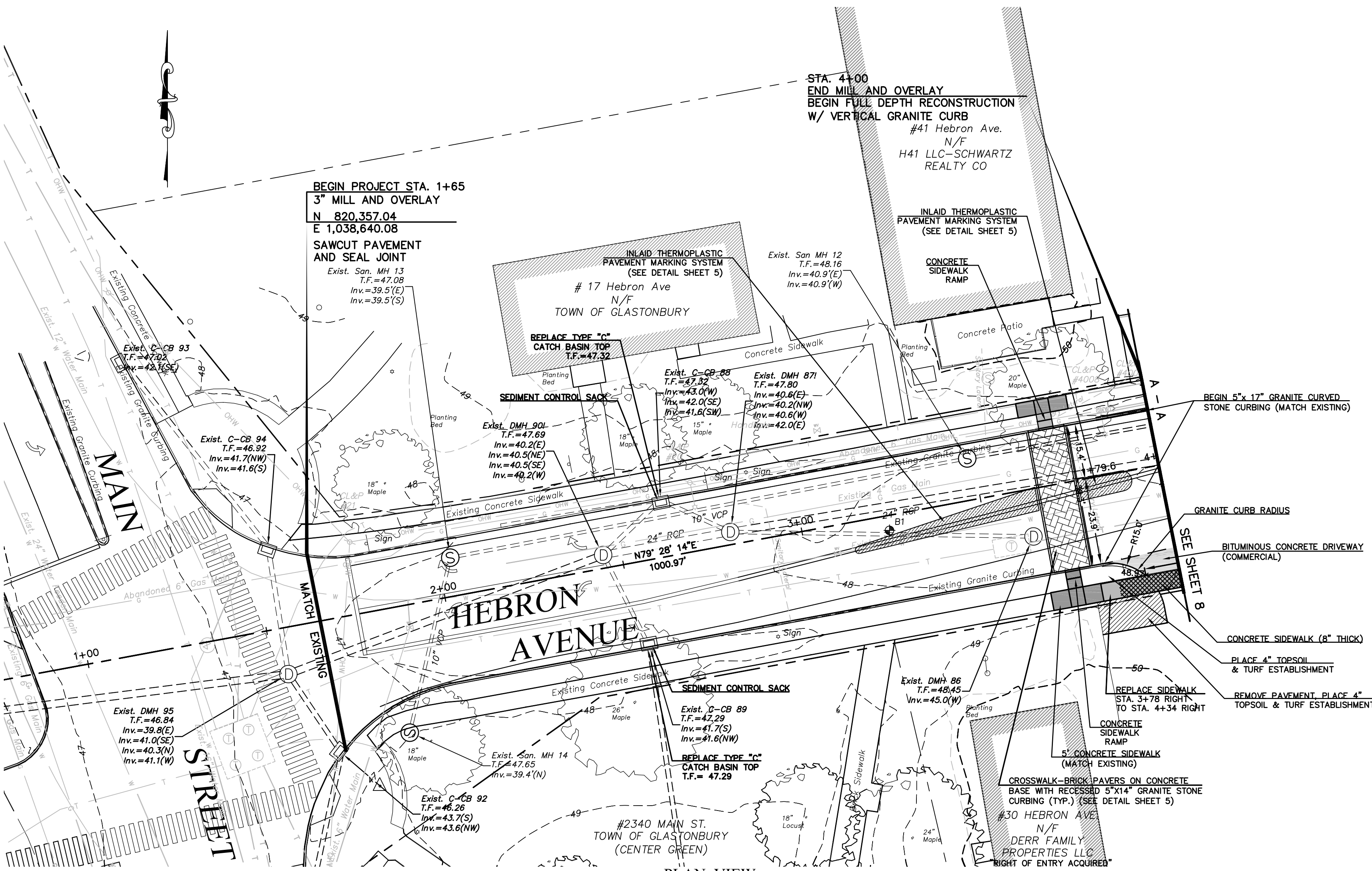
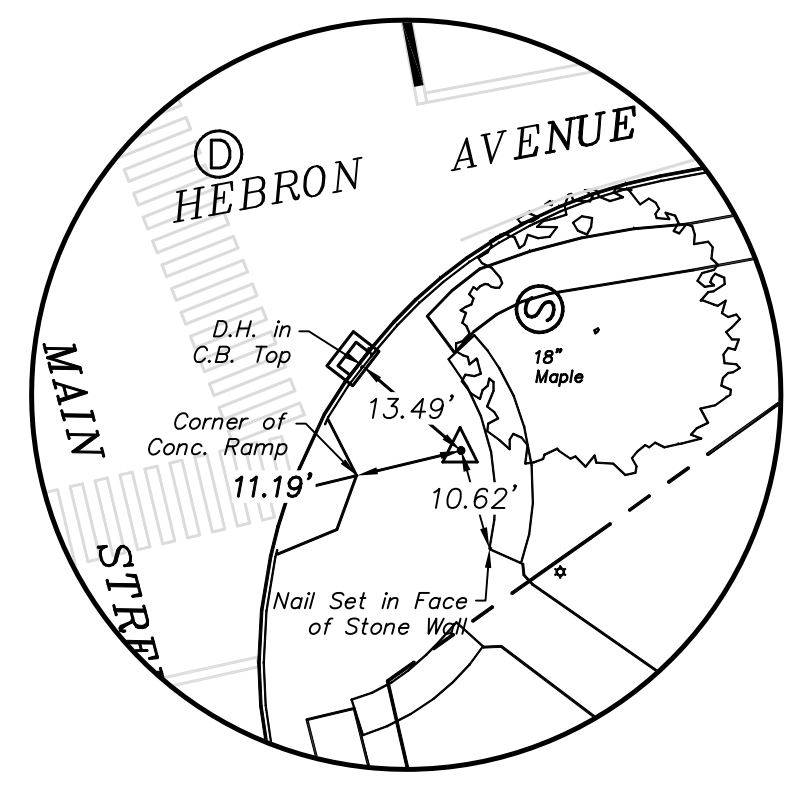
SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.	



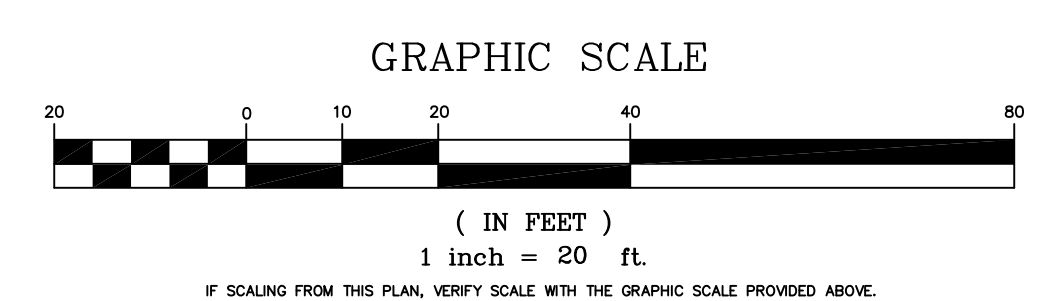
OVERVIEW / STAGING PLAN
 PAVEMENT REHABILITATION
 FOR
 HEBRON AVENUE
 LOCATED BETWEEN
 MAIN STREET & SYCAMORE STREET
 GLASTONBURY, CONNECTICUT

SHEET NO.
6
 OF 17

FILE: H:\DWG\Streets\Hebron Ave\PW-1308 Hebron Ave\Rehab\Hebron Ave\Rehab-CFS-12-2017.dwg USER: Charles Stambler DATE: 12/14/2017

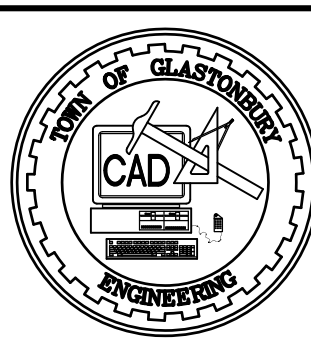


PROFILE
SCALE: 1" = 20' HORIZ.
SCALE: 1" = 4' VERT.

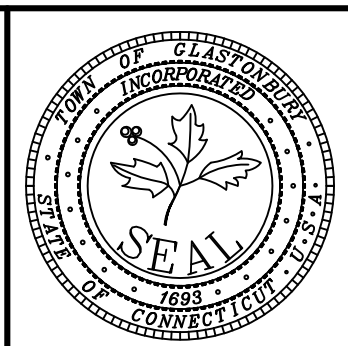
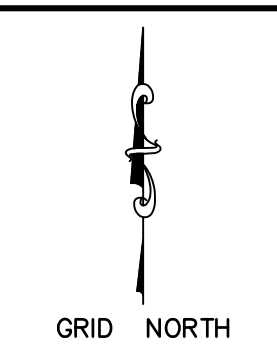


PW-1308

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



SCALE:	DATE:
AS SHOWN	9/2016
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	



PLAN & PROFILE
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

SHEET NO.
7
OF 17

GENERAL EROSION CONTROL & SITE NOTES:

- ALL TREES, UNLESS OTHERWISE NOTED, ARE TO REMAIN. THE CONTRACTOR SHALL PROTECT ALL TREES, AND ANY TREES DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR, AT NO COST.
- WHERE TREES ARE EXISTING, THEY SHALL BE PROTECTED, UNDISTURBED, AND INCORPORATED IN THE WORK.
- ANY AREAS DISTURBED BY THE CONTRACTOR WHICH ARE OUTSIDE OF THE LIMITS OF CONSTRUCTION SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AT THE CONTRACTOR'S SOLE EXPENSE.
- EROSION CONTROLS SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION TO PROTECT ALL OFF ROAD STORM DRAIN INLETS WITHIN THE LIMITS OF DISTURBANCE, INCLUDING SEDIMENTATION CONTROL SYSTEM OR SEDIMENTATION CONTROL BALES AS DIRECTED BY THE ENGINEER.
- STORM DRAIN INLETS WITHIN PAVED AREAS DISTURBED DUE TO RECONSTRUCTION SHALL HAVE A SEDIMENT CONTROL SACK INSTALLED TO PREVENT SEDIMENTATION AS DIRECTED BY THE ENGINEER.

GENERAL STORM DRAINAGE NOTES:

- ALL CATCH BASIN GRATES ARE TO BE TYPE "A".
- WHEN INSTALLING A NEW PIPE THAT REQUIRES A CONNECTION TO AN EXISTING PIPE, THE NEW CONNECTION SHALL BE MADE AT THE JOINT OF THE EXISTING PIPE NEAREST TO THE PROPOSED PIPE.
- WHEN INSTALLING A NEW CATCH BASIN THAT REQUIRES A CONNECTION TO AN EXISTING PIPE, THE SECTION OF 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 THE EXISTING PIPE.

GENERAL SIDEWALK NOTES:

- WHEN CONNECTING NEW CONCRETE SIDEWALK TO EXISTING CONCRETE SIDEWALK, THE CONNECTION SHALL BE MADE AT THE NEAREST JOINT OF THE EXISTING CONCRETE SIDEWALK.
- SIDEWALK CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "CONCRETE SIDEWALK RAMP DETAILS" AT THE LOCATIONS SHOWN ON THE PLANS. THE SIDEWALK CURB RAMPS SHOWN ON "PAVEMENT MARKING PLAN" PLAN ARE FOR ILLUSTRATION ONLY.
- ALL DRIVEWAYS SHALL BE RECONSTRUCTED FROM PROPOSED GUTTER LINE TO THE FRONT OF THE SIDEWALK, AND SHALL BE PAID FOR AS "BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)" UNLESS OTHERWISE SPECIFIED ON PLANS OR DIRECTED BY ENGINEER.
- BITUMINOUS SNOW SHELF SHALL BE MEASURED AND PAID FOR UNDER THE ITEM "BITUMINOUS CONCRETE SIDEWALK". INLAID THERMOPLASTIC PAVEMENT MARKING SYSTEM SHALL BE MEASURED AND PAID FOR SEPARATELY FOR ALL SNOW SHELF AREAS DESIGNATED AS "BITUMINOUS CONCRETE SIDEWALK W/ INLAID THERMOPLASTIC PAVEMENT MARKING SYSTEM".
- REMOVAL OF RAISED CONCRETE ISLAND AT STATION 7+60, 15' TO 25' RT SHALL NOT BE MEASURED FOR PAYMENT. RATHER, THIS WORK SHALL BE INCLUDED UNDER THE ITEM "CONCRETE SIDEWALK".
- REMOVAL OF CONCRETE PATIO AT STATION 8+00 TO 9+30 RT SHALL NOT BE MEASURED FOR PAYMENT. RATHER, THIS WORK SHALL BE INCLUDED UNDER THE ITEM "CONCRETE SIDEWALK".

GENERAL UTILITY NOTES:

- THE ADJUSTMENT OF ALL WATER BOXES, GATES, AND MANHOLES TO FINISH GRADE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PAID FOR UNDER THE APPROPRIATE CONTRACT ITEM.
- THE ADJUSTMENT OF TELEPHONE AND ELECTRIC UTILITIES SHALL BE THE RESPONSIBILITY OF THAT UTILITY; AND COORDINATED BY THE CONTRACTOR.

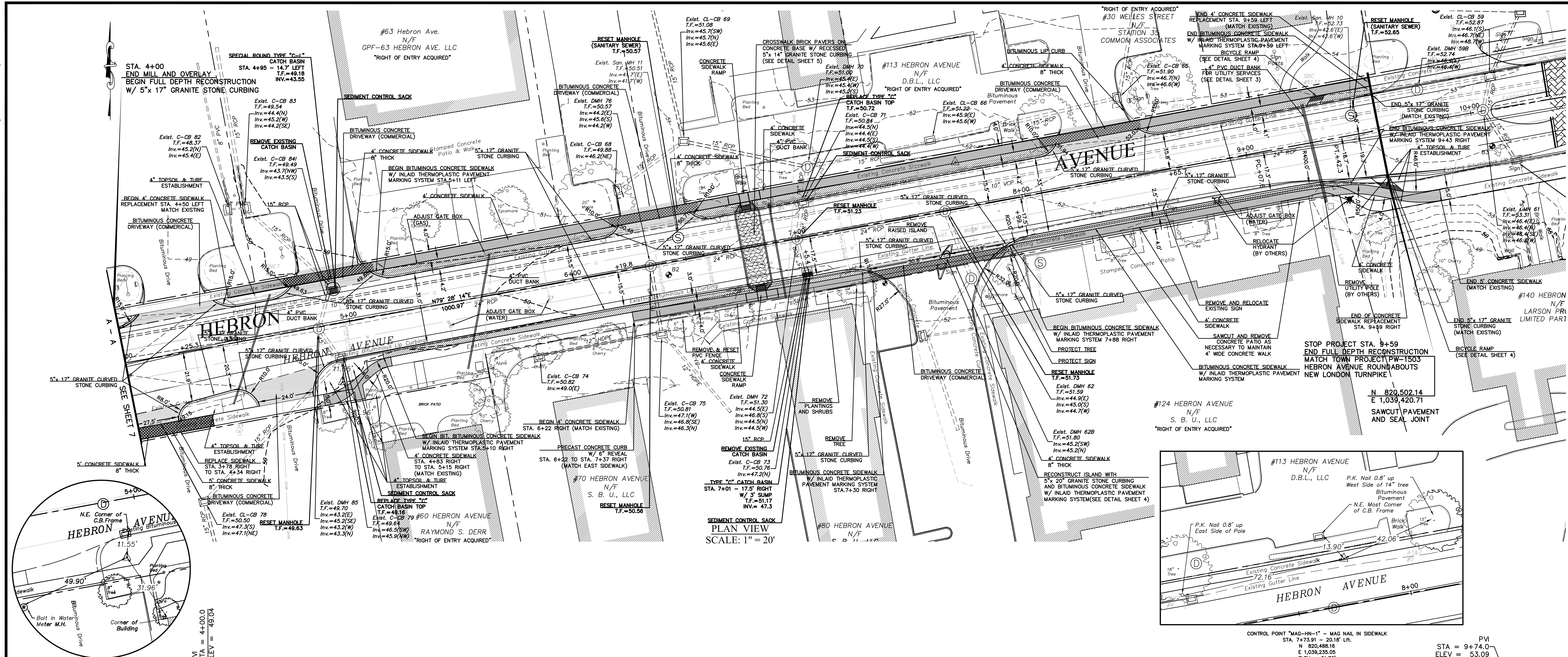
CONSTRUCTION NOTES:

- ALL CATCH BASIN TOPS WITHIN PROJECT LIMITS ARE TO BE REPLACED WITH NEW TOPS, AND RESET TO MATCH PROPOSED GUTTER GRADE. ALL RELATED ITEMS TO RESETTING CB TOP IS INCLUDED IN THE COST OF ITEM #0507007A REPLACE CATCH BASIN TOP, AS DESCRIBED IN THE SPECIAL PROVISIONS.
- ALL GRADES DEPICTED FOR CATCH BASIN ARE ACTUAL FRAME SETTING GRADE AND INCLUDE THE 1" DEPRESSION ACCORDING TO THE STANDARD DETAIL FOR GRANITE STONE CURBING.
- PAVEMENT SHALL BE SAWCUT AND SEALED AT ALL PROJECT LIMIT LINES SHOWN ON PLANS.
- PAVEMENT MARKINGS SHOWN ARE EXISTING. SEE SHEET 11 FOR PROPOSED PAVEMENT MARKINGS

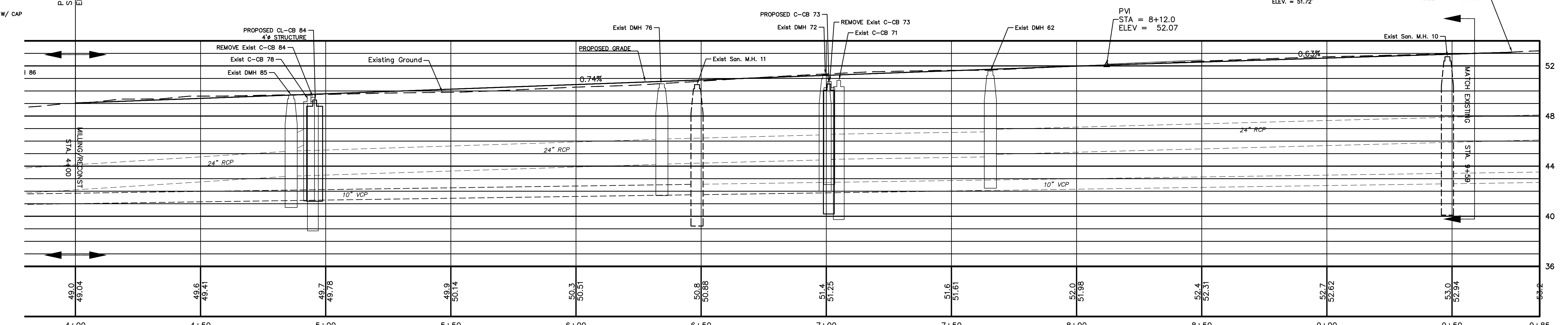
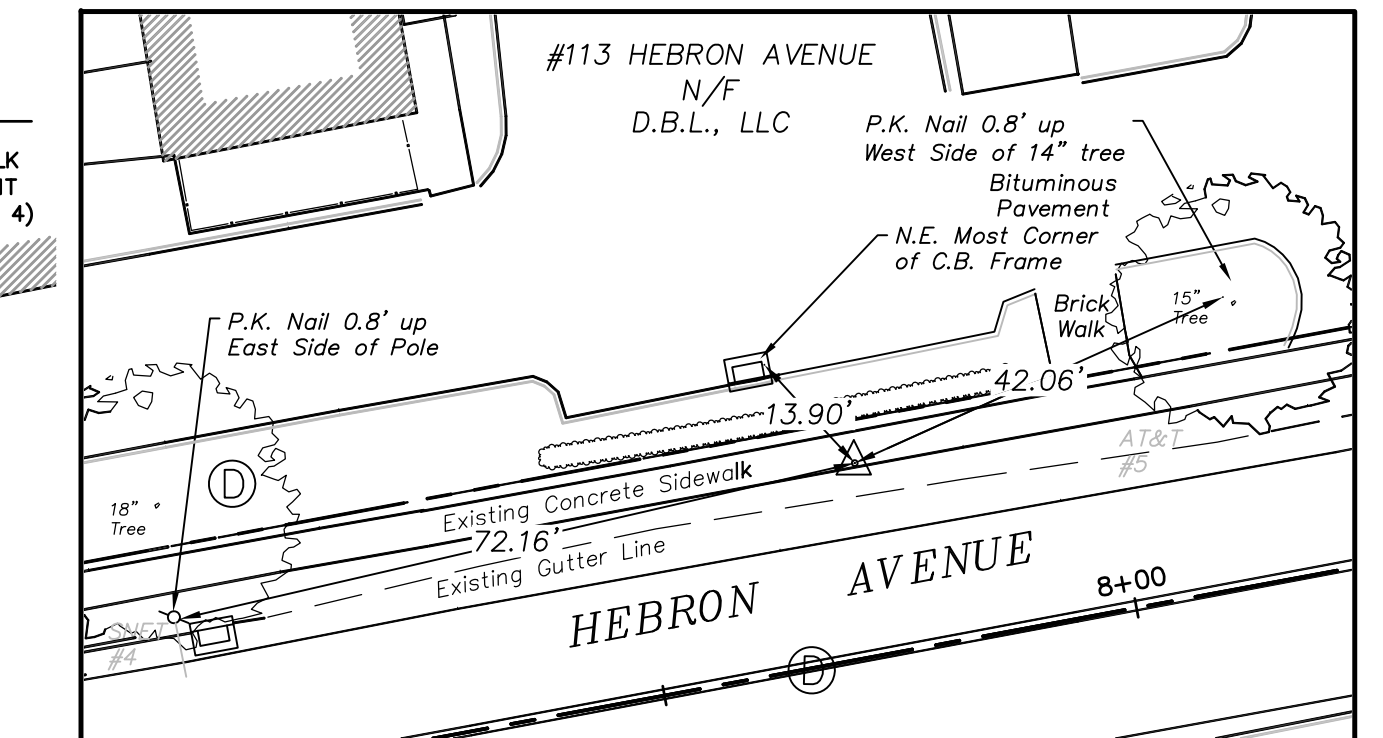
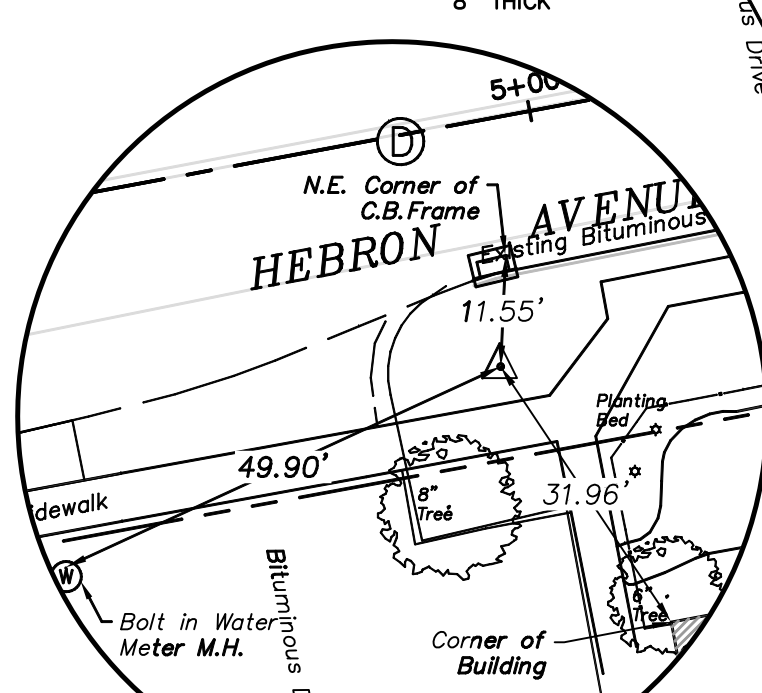
GENERAL EROSION CONTROL REQUIREMENTS:

- THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.
- IN GENERAL, ALL ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS, AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON THE SITE.
- CONSTRUCTION METHODS, IN GENERAL, SHALL BE IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002) BY THE STATE OF CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.
- ALL CONTROL MEASURES SHALL BE INSTALLED AS NOTED ABOVE AND AS SHOWN ON THE PLANS.
 - ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE-CONSTRUCTION CLEARING AND GRUBBING.
 - ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
 - NO CONTROL MEASURES SHALL BE REMOVED WITHOUT APPROVAL FROM THE ENGINEER.
 - ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE ENGINEER.
 - THE LIMITS OF CLEARING, GRADING AND DISTURBANCE, AS SHOWN ON THE PLAN(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN TOTALLY UNDISTURBED.
 - ANY CONTROL MEASURES RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT IMMEDIATELY REMOVED, AND ALL DAMAGED CONTROL MEASURES SHALL BE REMOVED AND REPLACED.
 - ALL NEW AND EXISTING CATCH BASINS LOCATED WITHIN THE PROJECT LIMITS SHALL BE PROTECTED WITH A SEDIMENTATION CONTROL SYSTEM (IN GRASSED AREAS) OR WITH A SEDIMENT CONTROL SACK IN PAVED AREAS UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
 - SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL REGULATIONS.
 - THE PLANTING SEASONS FOR THE SPECIFIED SEED MIXTURE SHALL BE AS DEFINED IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, UNLESS DIRECTED OTHERWISE BY THE TOWN ENVIRONMENTAL PLANNER. OUTSIDE OF THESE SPECIFIED DATES, AREAS WILL BE STABILIZED WITH HAYBALE CHECK DAMS, FILTER FABRIC, OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.

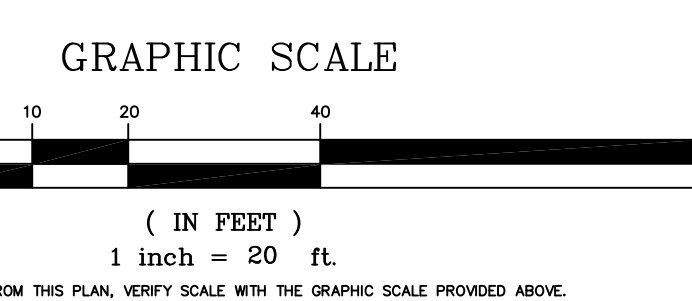
FILE: H:\DWG\Stress\Hebron Ave\PW-1308 Hebron Ave\Rehab\CTS-12-2017.dwg USER: Charles Straninger DATE: 12/13/2017



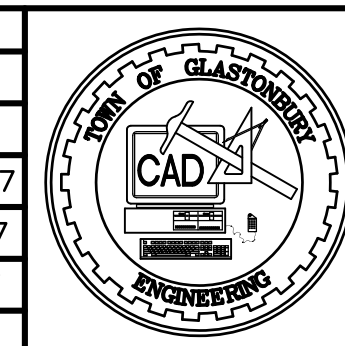
PLAN VIEW
SCALE: 1" = 20'



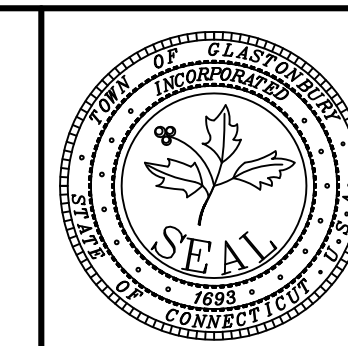
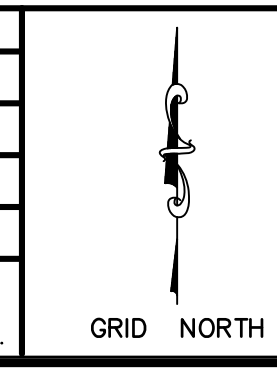
PROFILE
SCALE: 1" = 20' HORIZ.
SCALE: 1" = 4' VERT.



DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



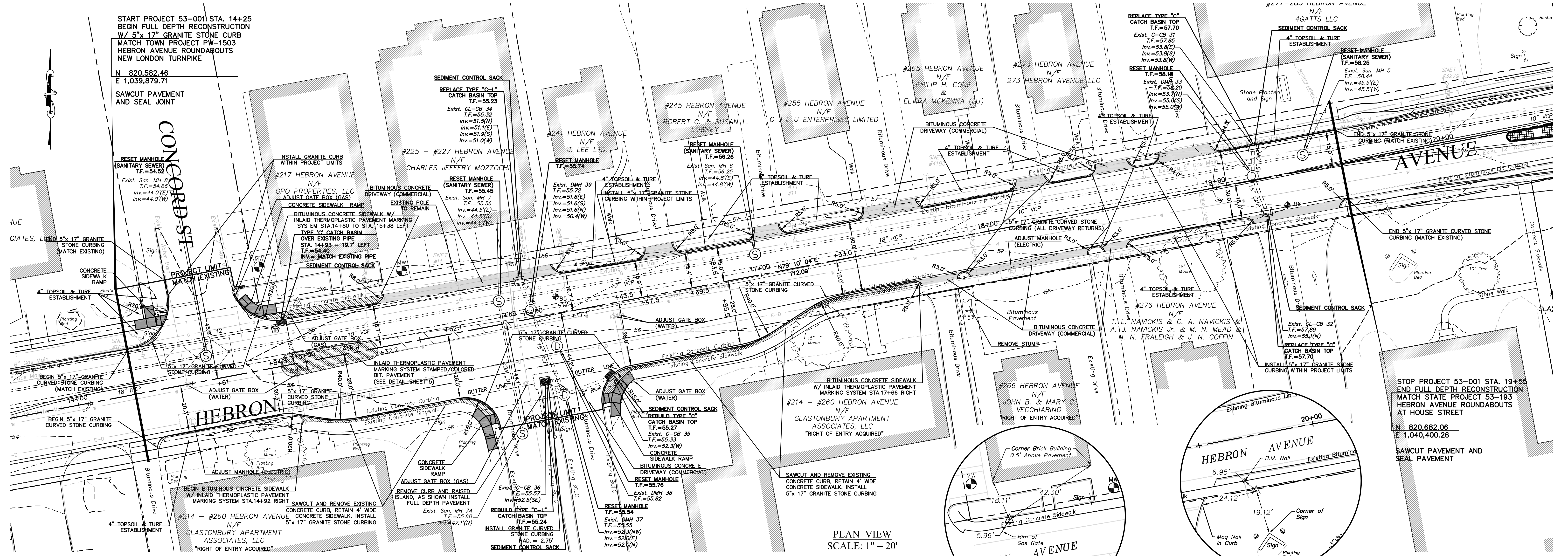
SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	



PLAN & PROFILE
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

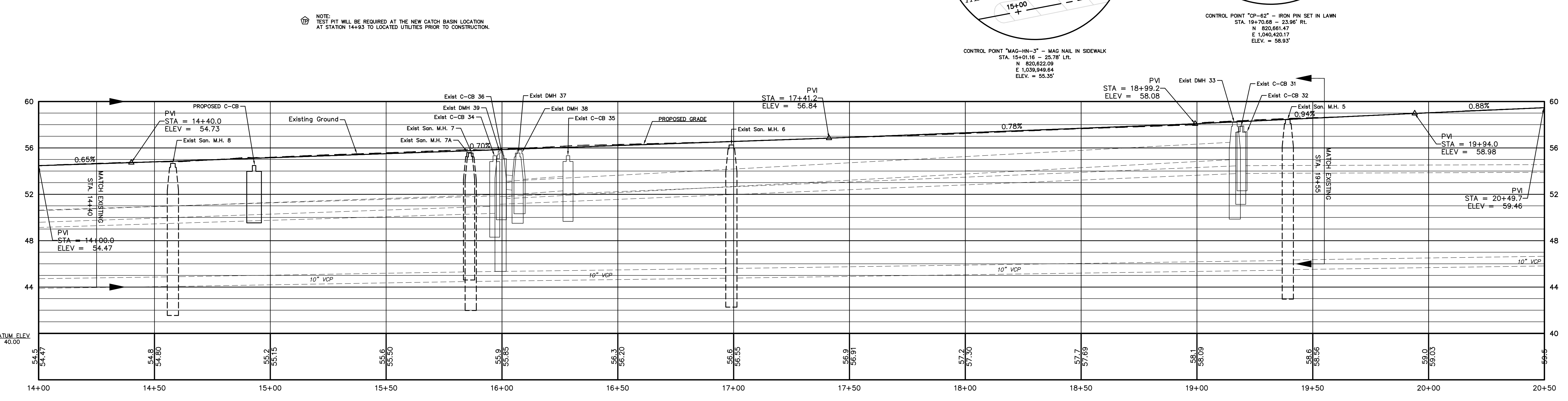
PW-1308

FILE:HDWG\Streets\Hebron Ave\PW-1308 Hebron Ave\Rehab\CFR-12-2017.dwg USER: Charles Stambler DATE: 12/13/2017

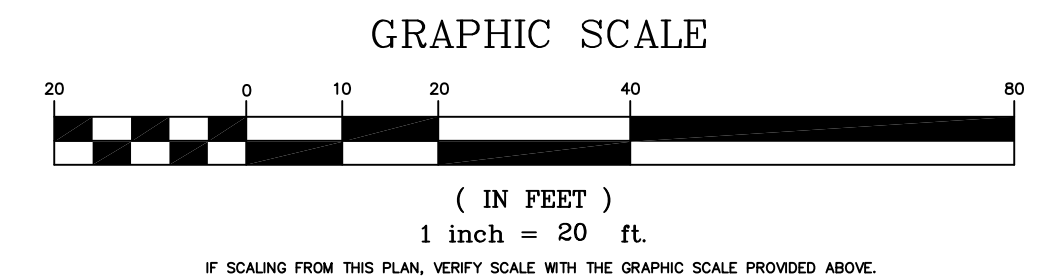


PLAN VIEW
SCALE: 1" = 20'

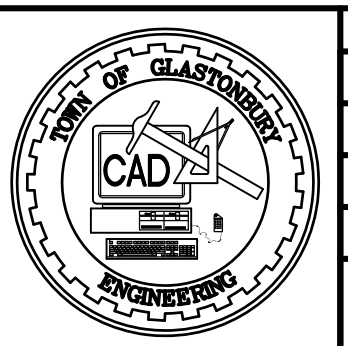
NOTE:
TEST PIT WILL BE REQUIRED AT THE NEW CATCH BASIN LOCATION
AT STATION 14+93 TO LOCATED UTILITIES PRIOR TO CONSTRUCTION.



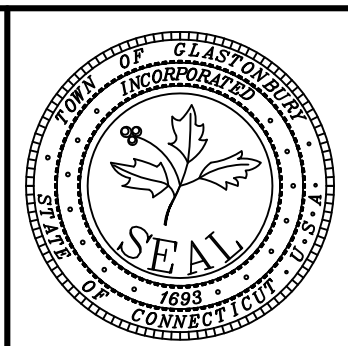
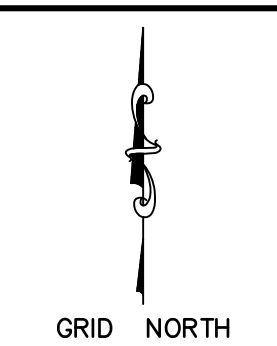
PROFILE
SCALE: 1" = 20' HORIZ.
SCALE: 1" = 4' VERT.



DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017

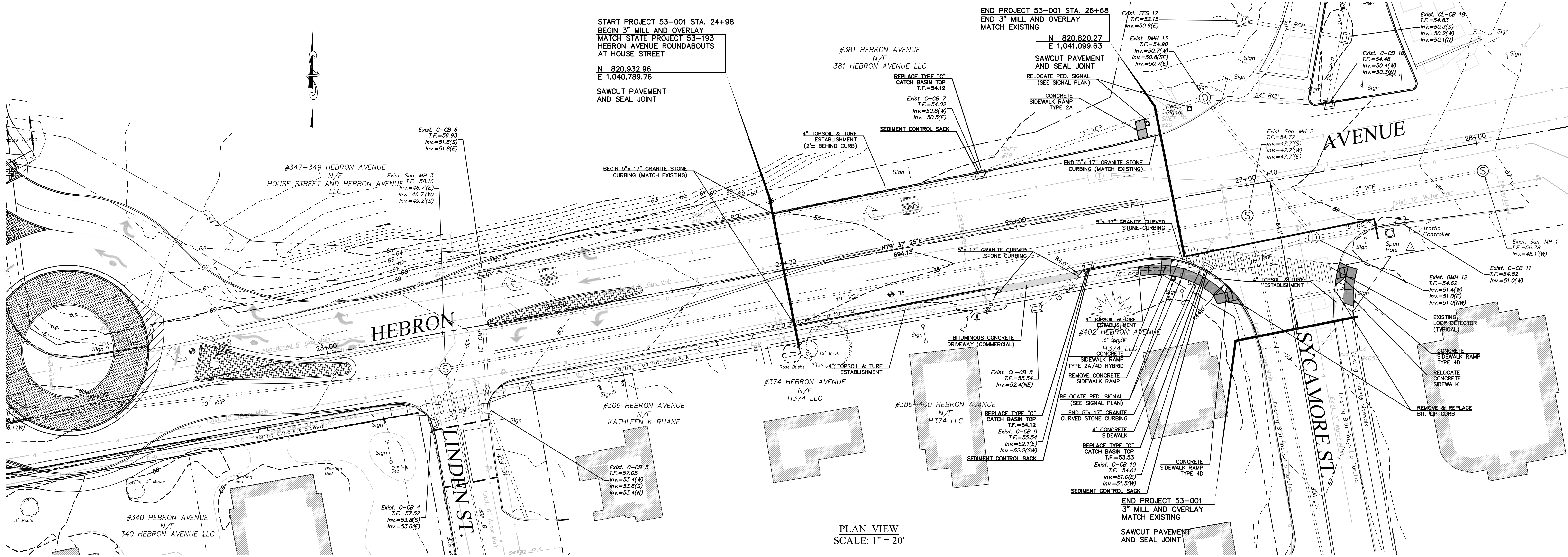


SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	

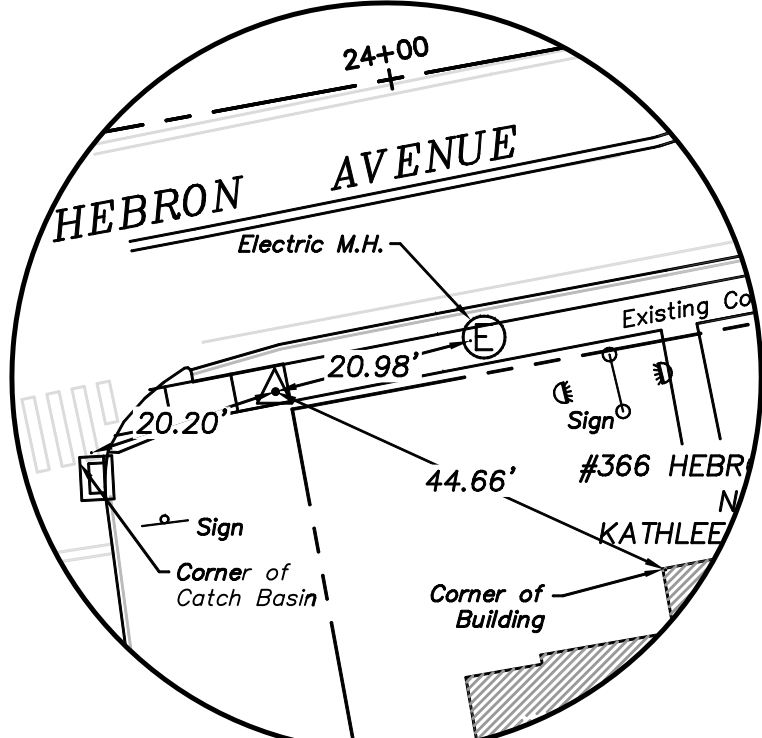


PLAN & PROFILE
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

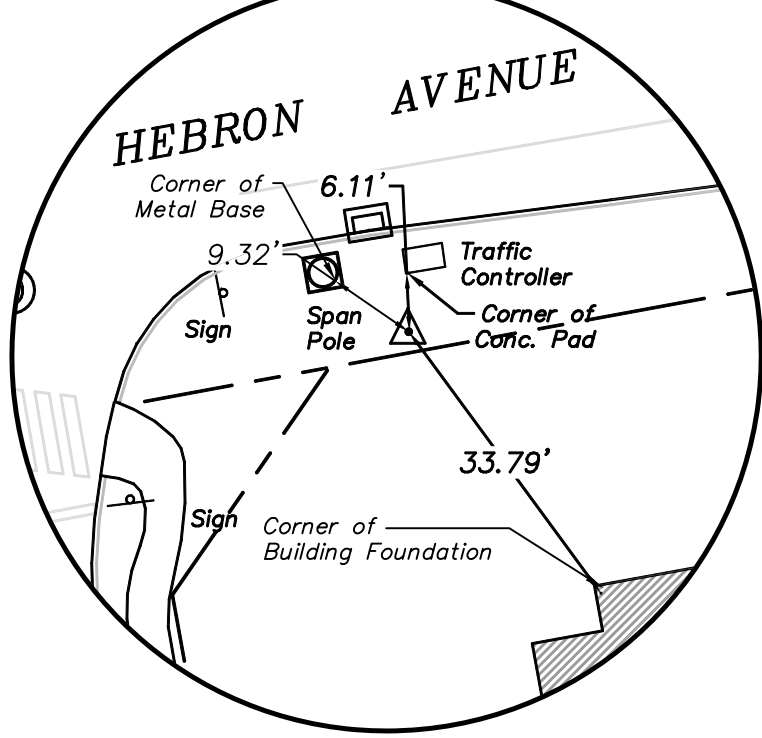
PW-1308



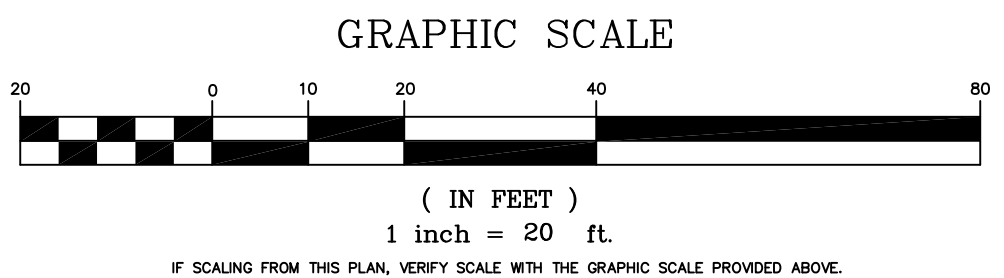
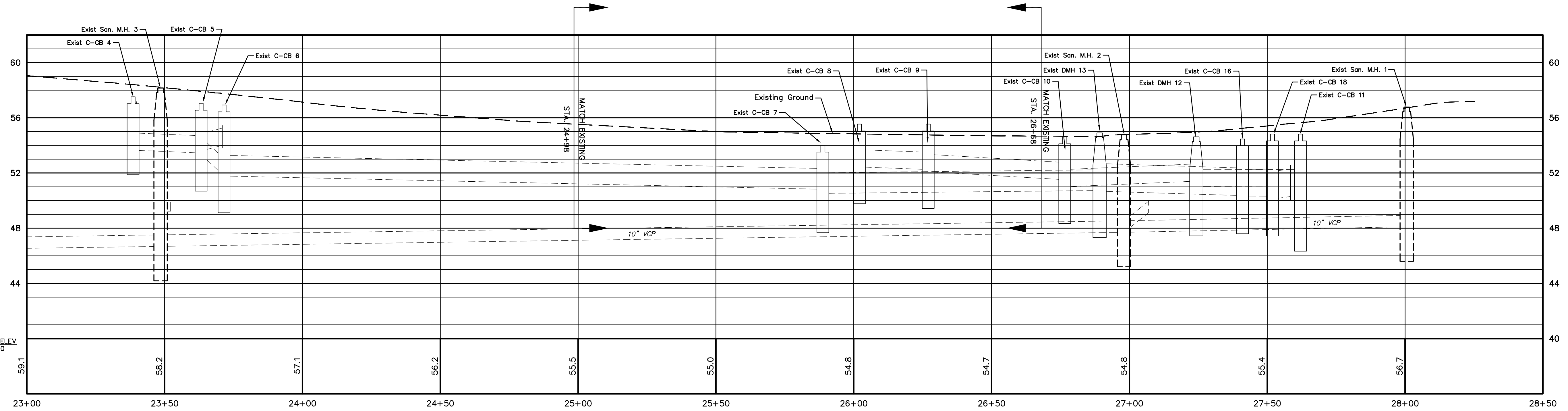
PLAN VIEW
 SCALE: 1" = 20'



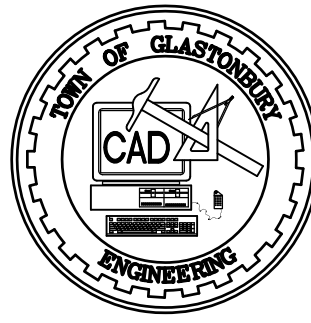
CONTROL POINT "MAG-63" - MAG NAIL SET IN SIDEWALK.
 STA. 23+82.35 - 29.83' RL
 N 820,739.48
 E 1,040,824.03
 ELEV. = 57.57'



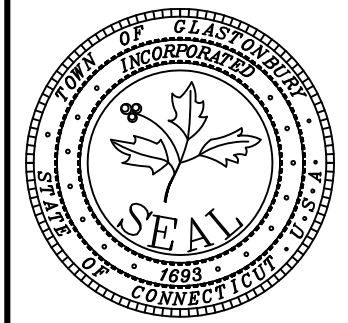
CONTROL POINT "CP-64" - IRON PIN IN LAWN.
 STA. 27+44.23 - 38.83' RL
 N 820,799.41
 E 1,041,201.27
 ELEV. = 55.76'



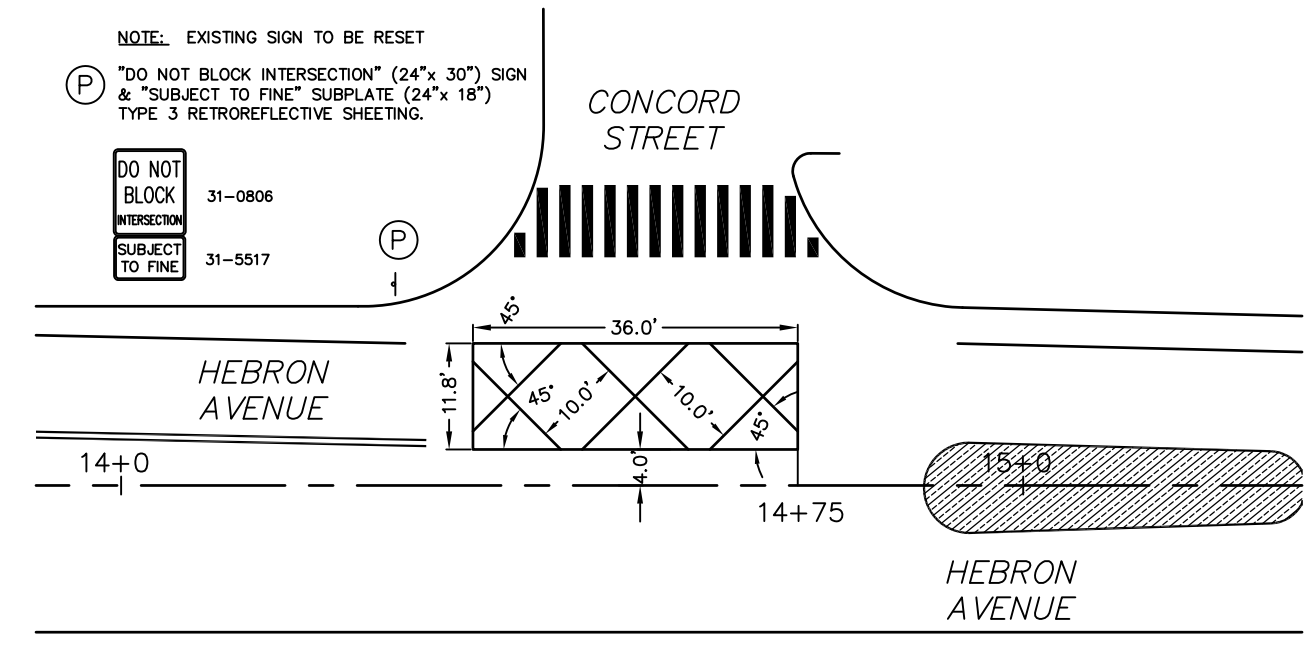
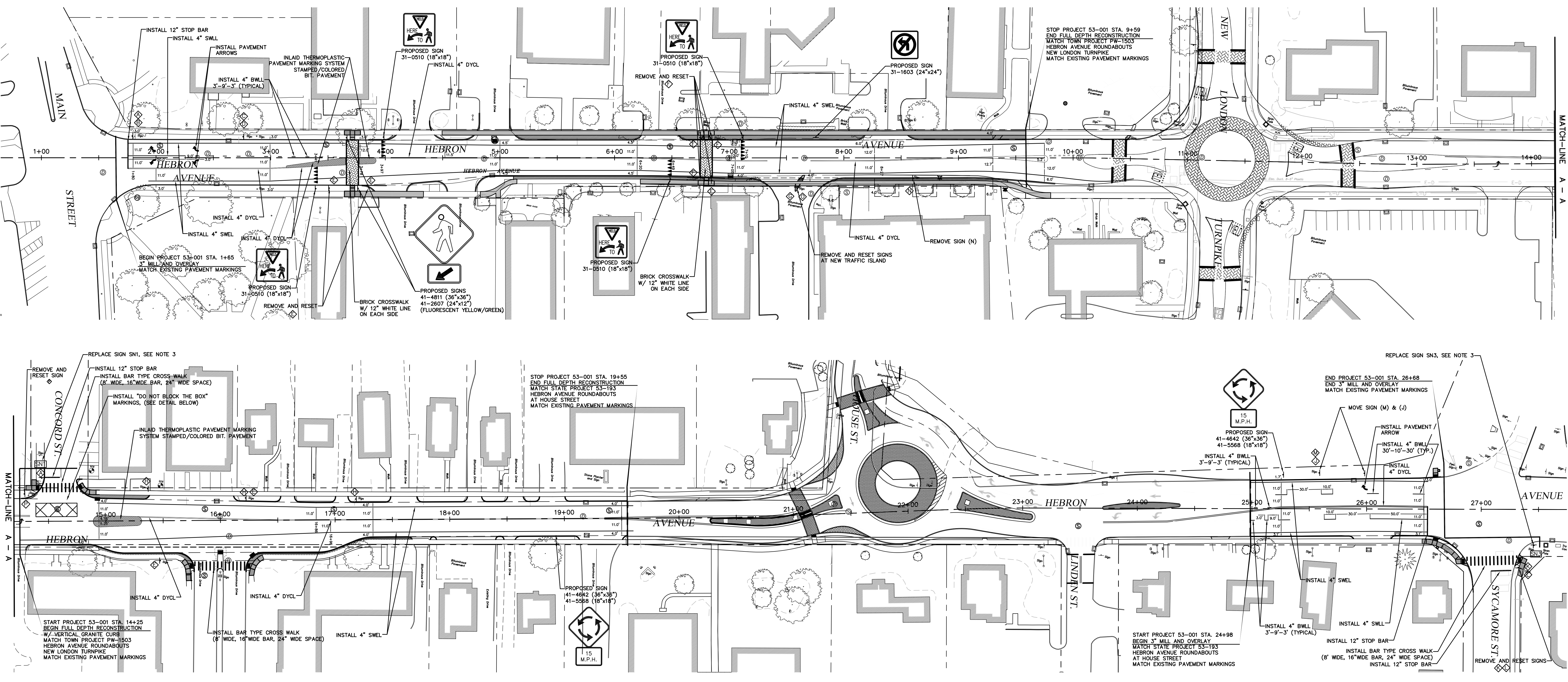
DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	

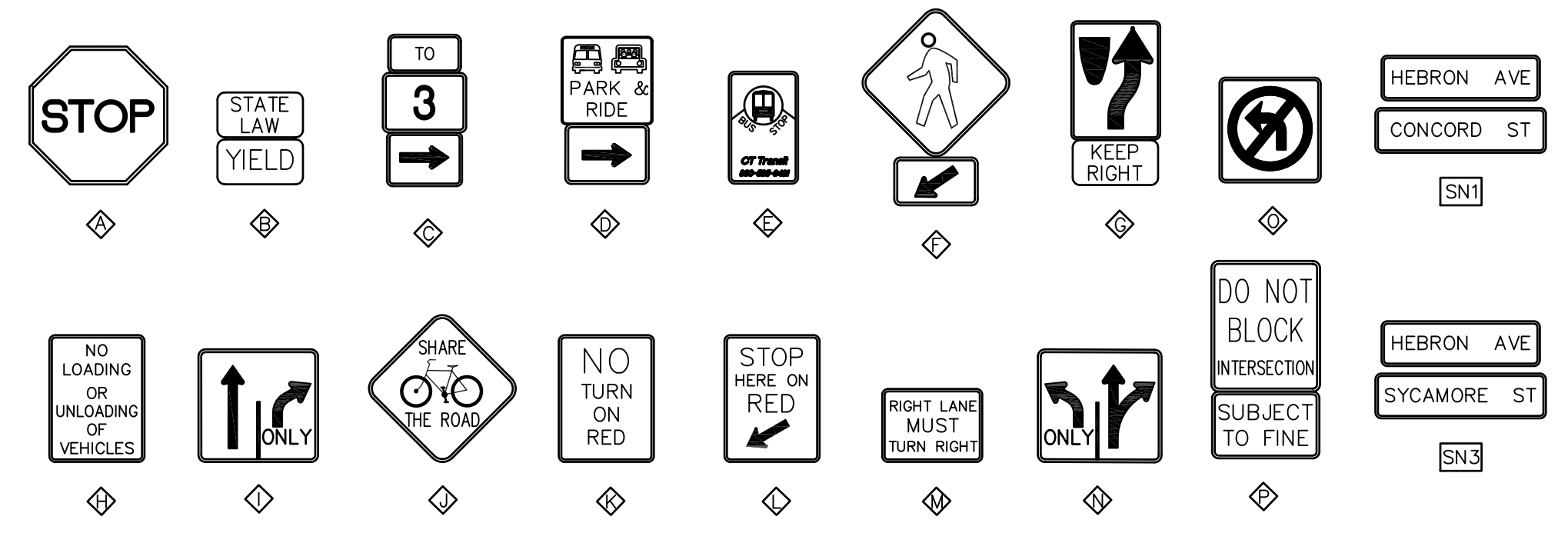


PLAN AND PROFILE
 PAVEMENT REHABILITATION
 FOR
 HEBRON AVENUE
 LOCATED BETWEEN
 MAIN STREET & SYCAMORE STREET
 GLASTONBURY, CONNECTICUT

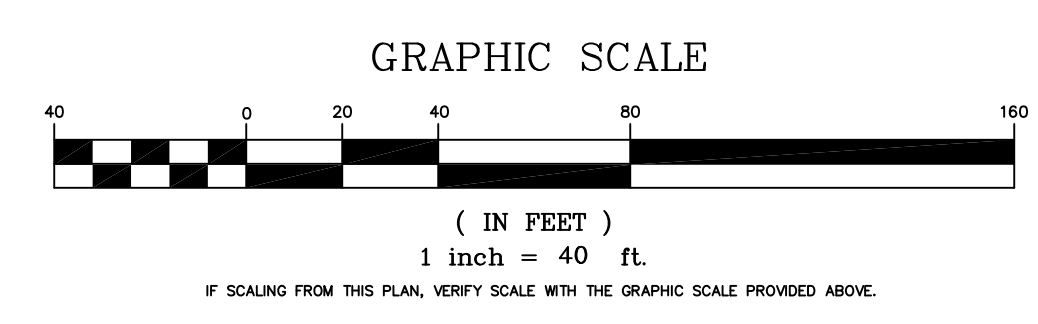


PAVEMENT MARKING ABBREVIATIONS:
 DYCL = DOUBLE YELLOW CENTERLINE
 SYCL = SINGLE YELLOW CENTERLINE
 SWEL = SOLID WHITE EDGE LINE
 SWLL = SOLID WHITE LANE LINE
 BWLL = BROKEN WHITE LANE LINE

EXISTING SIGN LEGEND

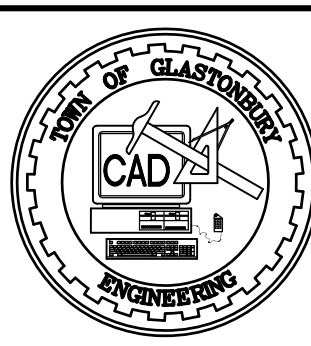


- NOTES:**
- ALL EXISTING SIGNS ARE TO REMAIN EXCEPT AS SHOWN ON THIS PLAN.
 - EXISTING SIGNS SHALL BE REMOVED AND RESET ON A NEW POST WITH TYPE II BREAK AWAY BASE AS REQUIRED TO ACCOMPLISH THE CONTRACT WORK AND PROTECT EXISTING SIGNAGE. THIS WORK SHALL BE PAID FOR UNDER THE ITEM "REMOVE AND RESET EXISTING SIGNS".
 - EXISTING STREET NAME SIGNS SHALL BE REPLACED WITH NEW SIGNS PER CURRENT TOWN STANDARD. SIGN BACKGROUND SHALL BE BLACK.

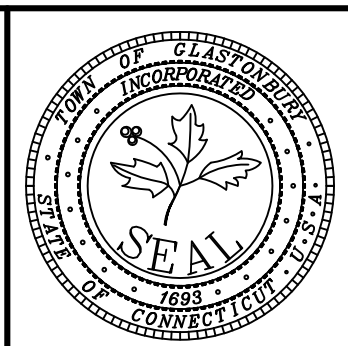
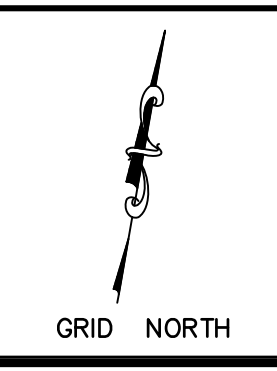


PW-1308

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017

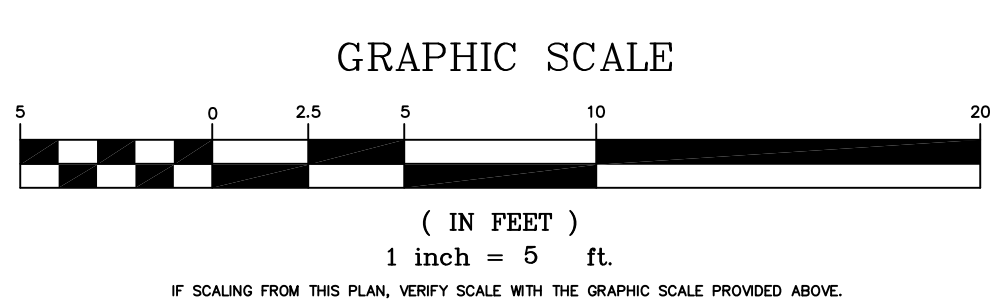
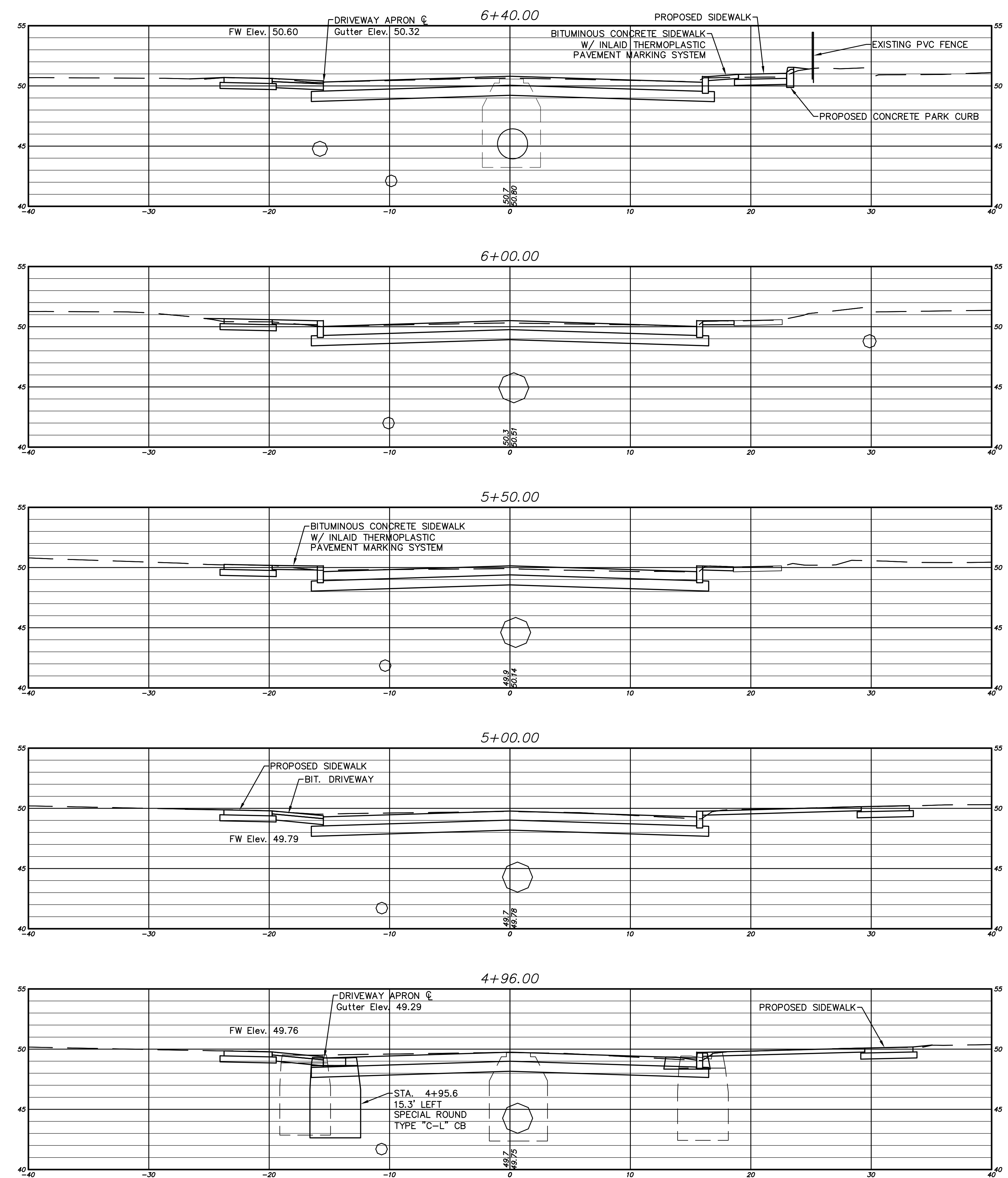
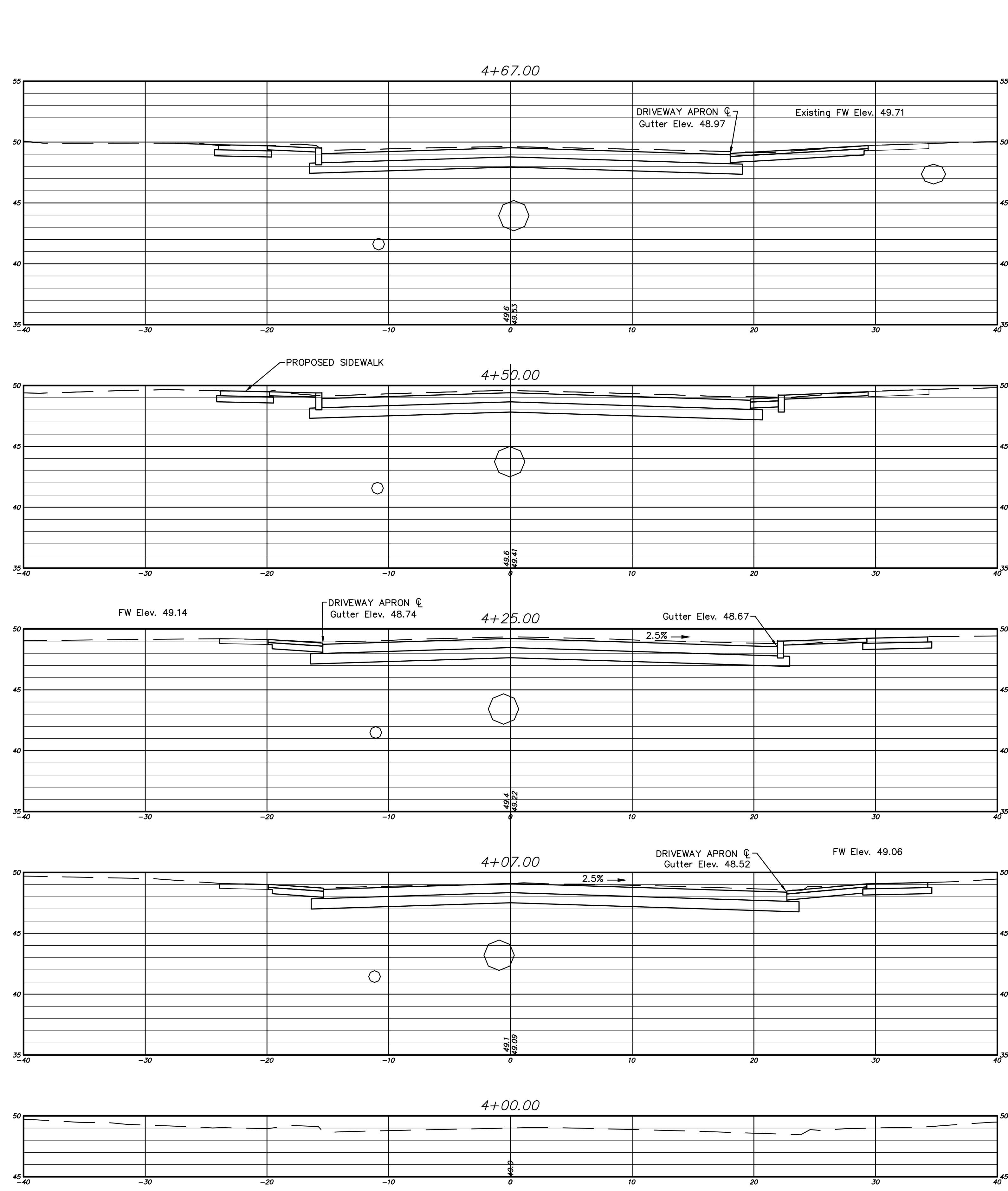


SCALE: AS SHOWN	DATE: 9/2016
DRAWN BY: C.F.S.	CHECKED BY: S.M.B.
APPROVED BY: D.A.P.	ST. FILE:



PAVEMENT MARKING & SIGNING PLAN
 PAVEMENT REHABILITATION
 FOR
HEBRON AVENUE
 LOCATED BETWEEN
 MAIN STREET & SYCAMORE STREET
 GLASTONBURY, CONNECTICUT

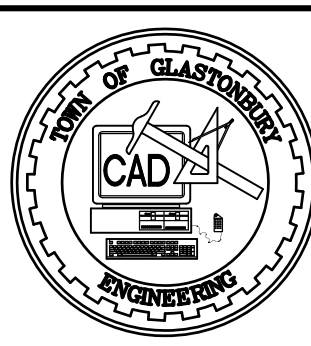
FILE: I:\DWG\Streets\Hebron Ave\Rehab\Hebron Ave-Rehab-CFS-12-2017.dwg USER: Charles Stambler DATE: 12/7/2017



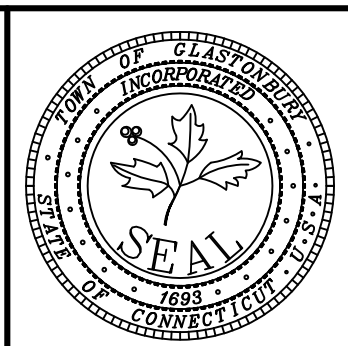
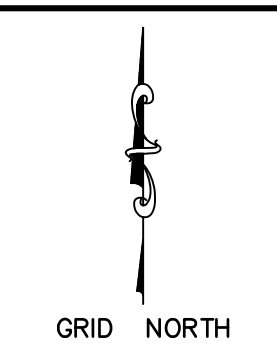
THE LOCATION OF UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS AND BY INFORMATION PROVIDED BY OTHERS. THEIR TRUE LOCATIONS MAY VARY FROM THOSE INDICATED, AND ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IF APPLICABLE, UTILIZE THE "CALL BEFORE YOU DIG" NUMBER (1-800-922-4455) TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, AND RESOLVE CONFLICTS PRIOR TO STARTING CONSTRUCTION, REPAIR OR DESIGN.

ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS. ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE, AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



SCALE: AS SHOWN
 DATE: 9/2016
 DRAWN BY: C.F.S.
 CHECKED BY: S.M.B.
 APPROVED BY: D.A.P.
 ST. FILE:
 DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.

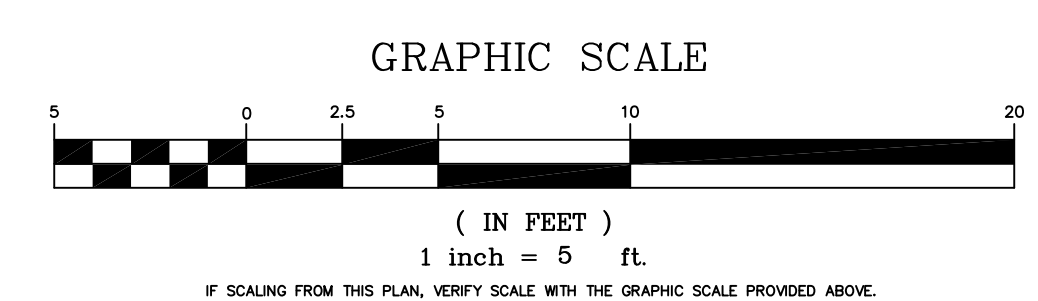
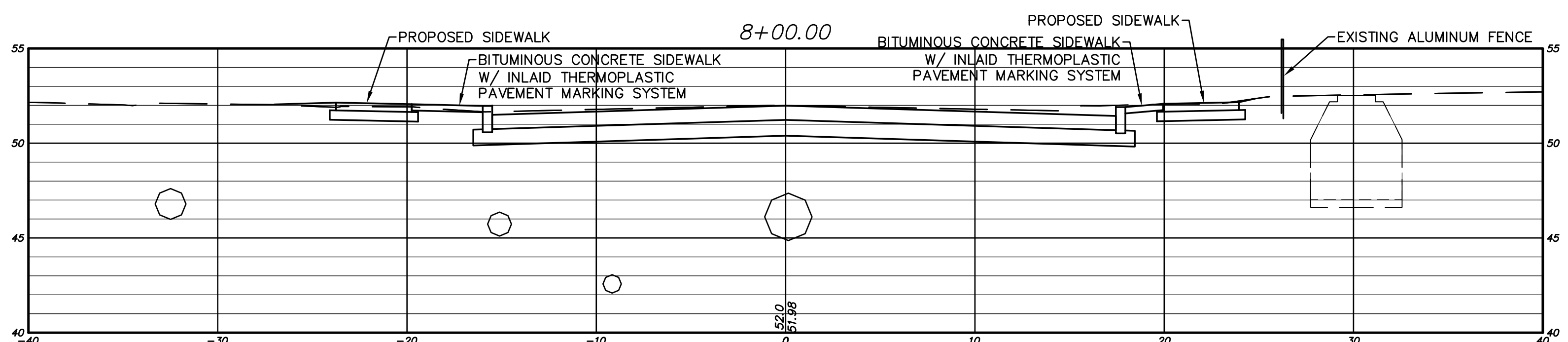
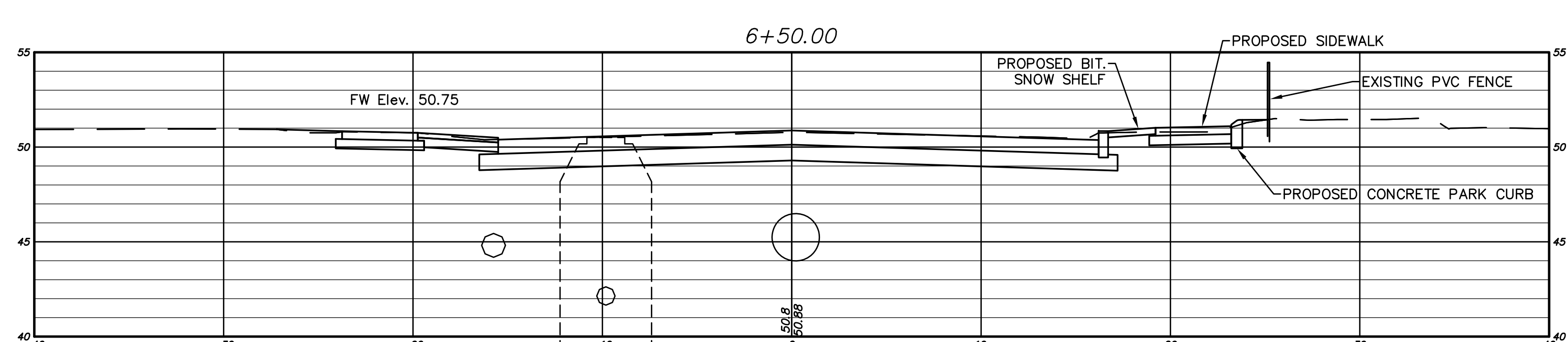
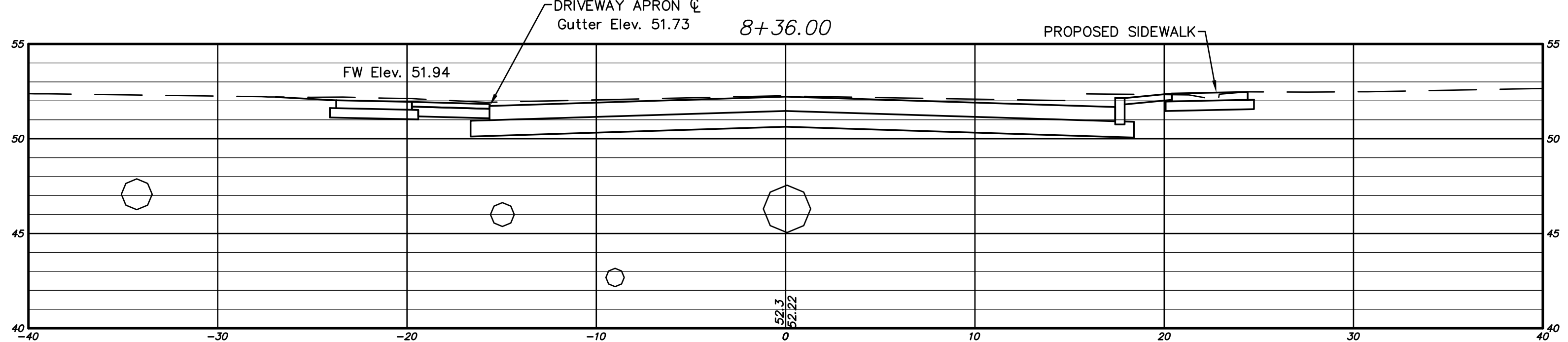
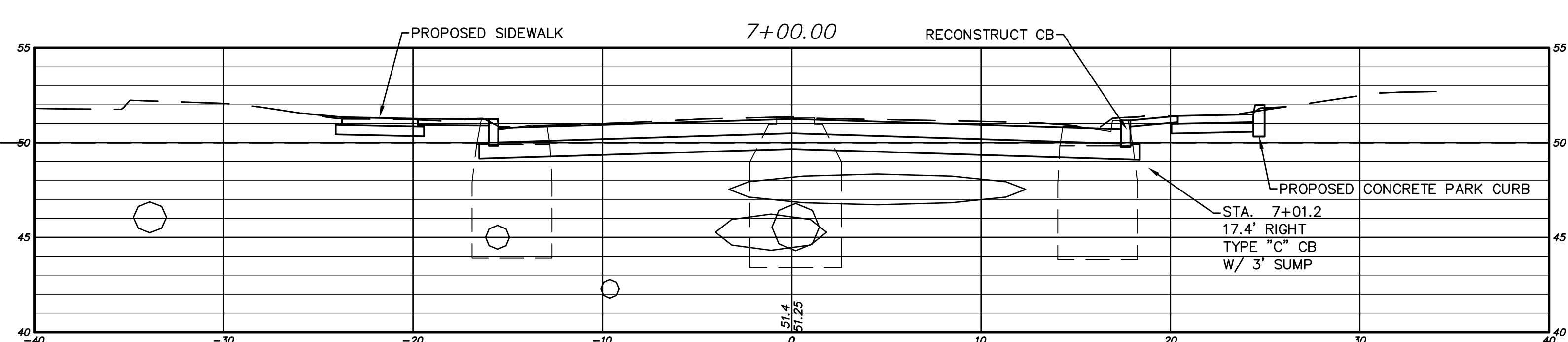
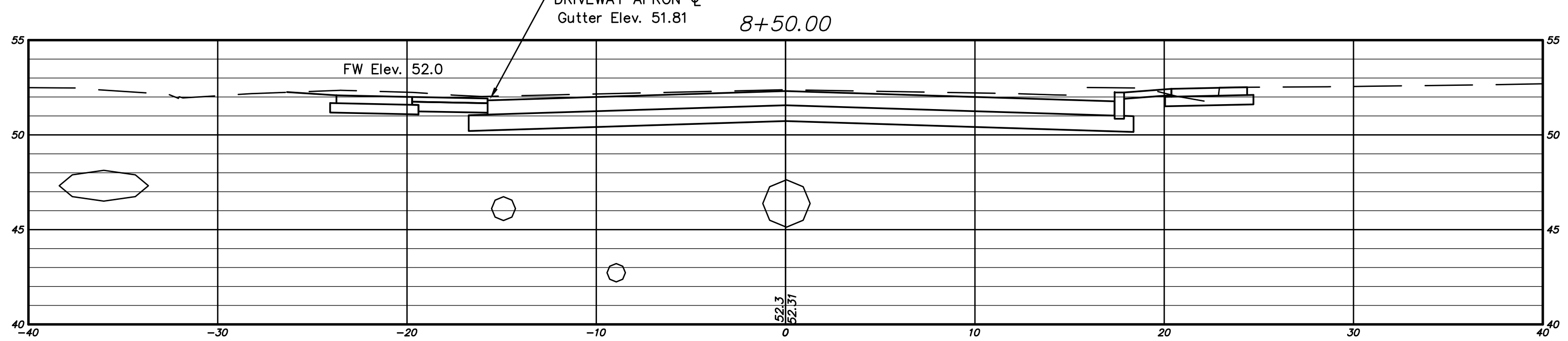
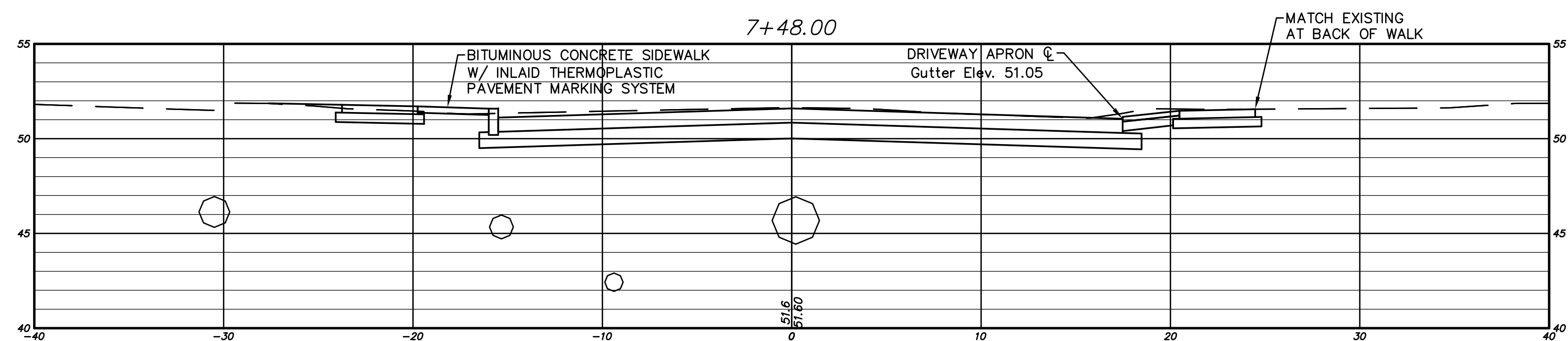
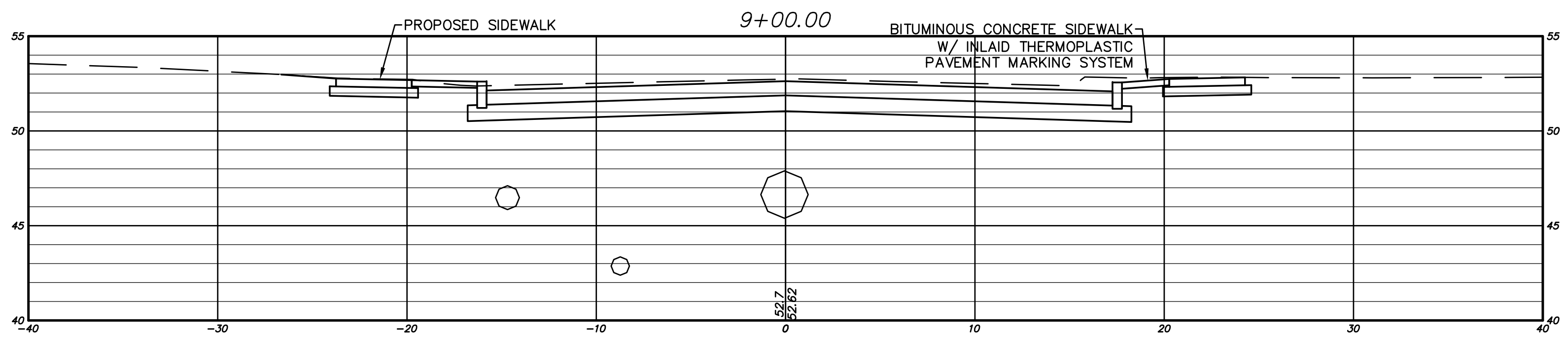
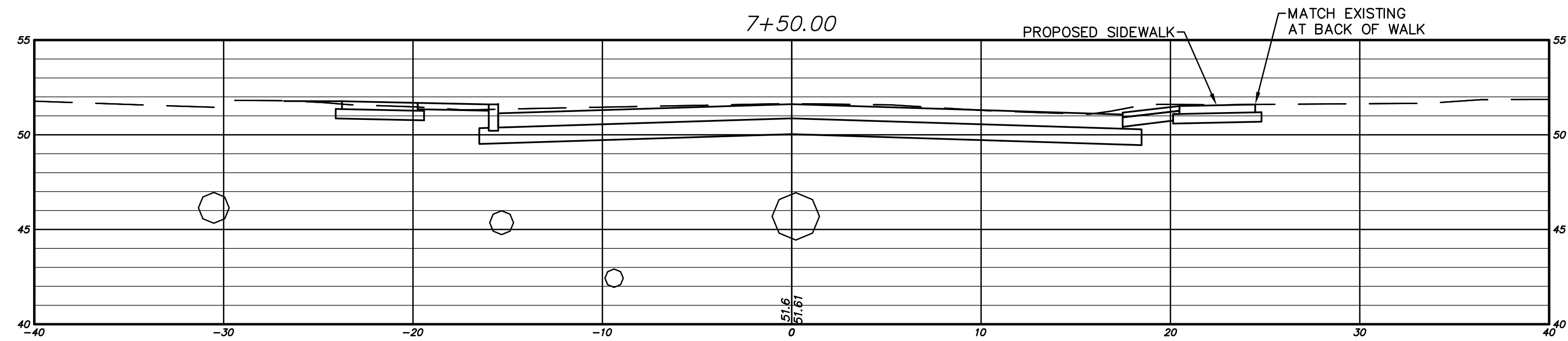
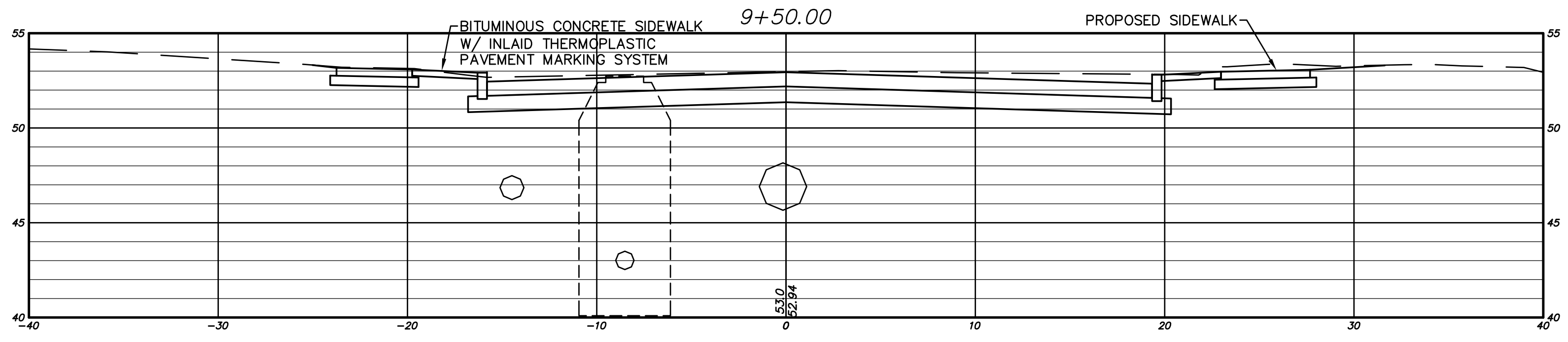
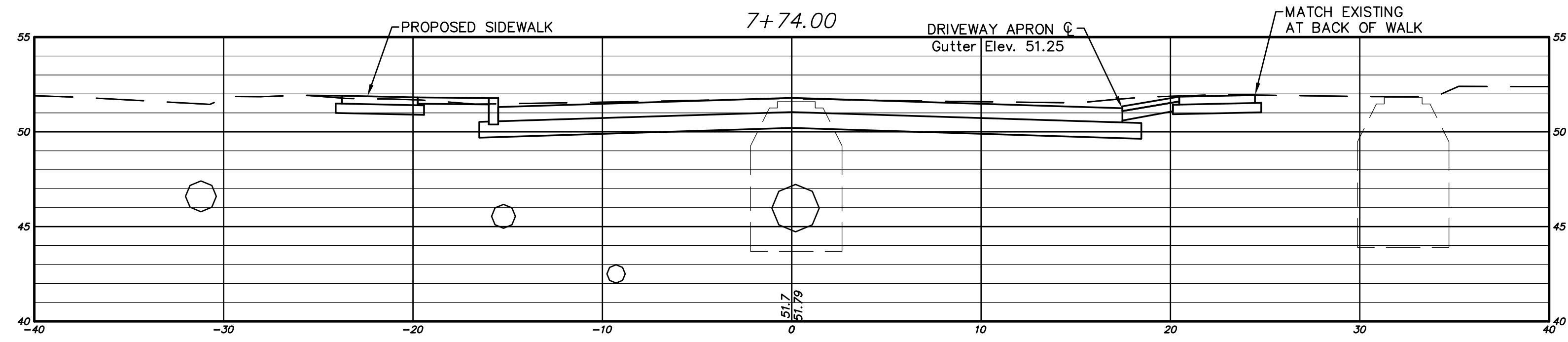


CROSS SECTIONS
 PAVEMENT REHABILITATION
 FOR
 HEBRON AVENUE
 LOCATED BETWEEN
 MAIN STREET & SYCAMORE STREET
 GLASTONBURY, CONNECTICUT

SHEET NO.
12
 OF 17

PW-1308

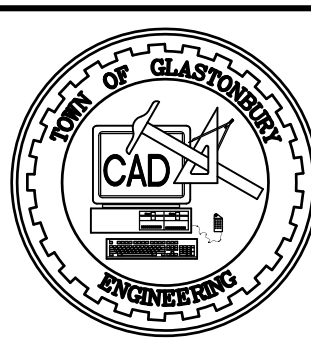
FILE: H:\DWG\Streets\Hebron Ave\Rehab-Cross-1308_Hebron Ave-Rehab-Cross-1308.dwg USER: Charles Stambler DATE: 12/7/2017



ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS. ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.

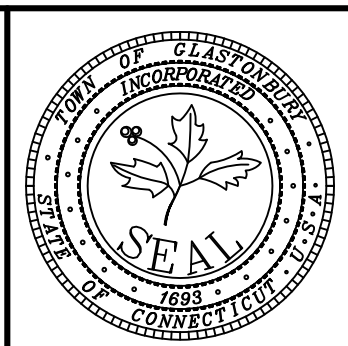
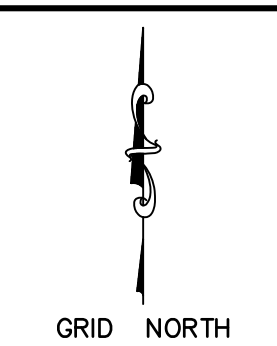
THE LOCATION OF UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS AND BY INFORMATION PROVIDED BY OTHERS. THEIR TRUE LOCATIONS MAY VARY FROM THOSE INDICATED, AND ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IF APPLICABLE, UTILIZE THE "CALL BEFORE YOU DIG" NUMBER (1-800-922-4455) TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, AND RESOLVE CONFLICTS PRIOR TO STARTING CONSTRUCTION, REPAIR OR DESIGN.

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	

DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.

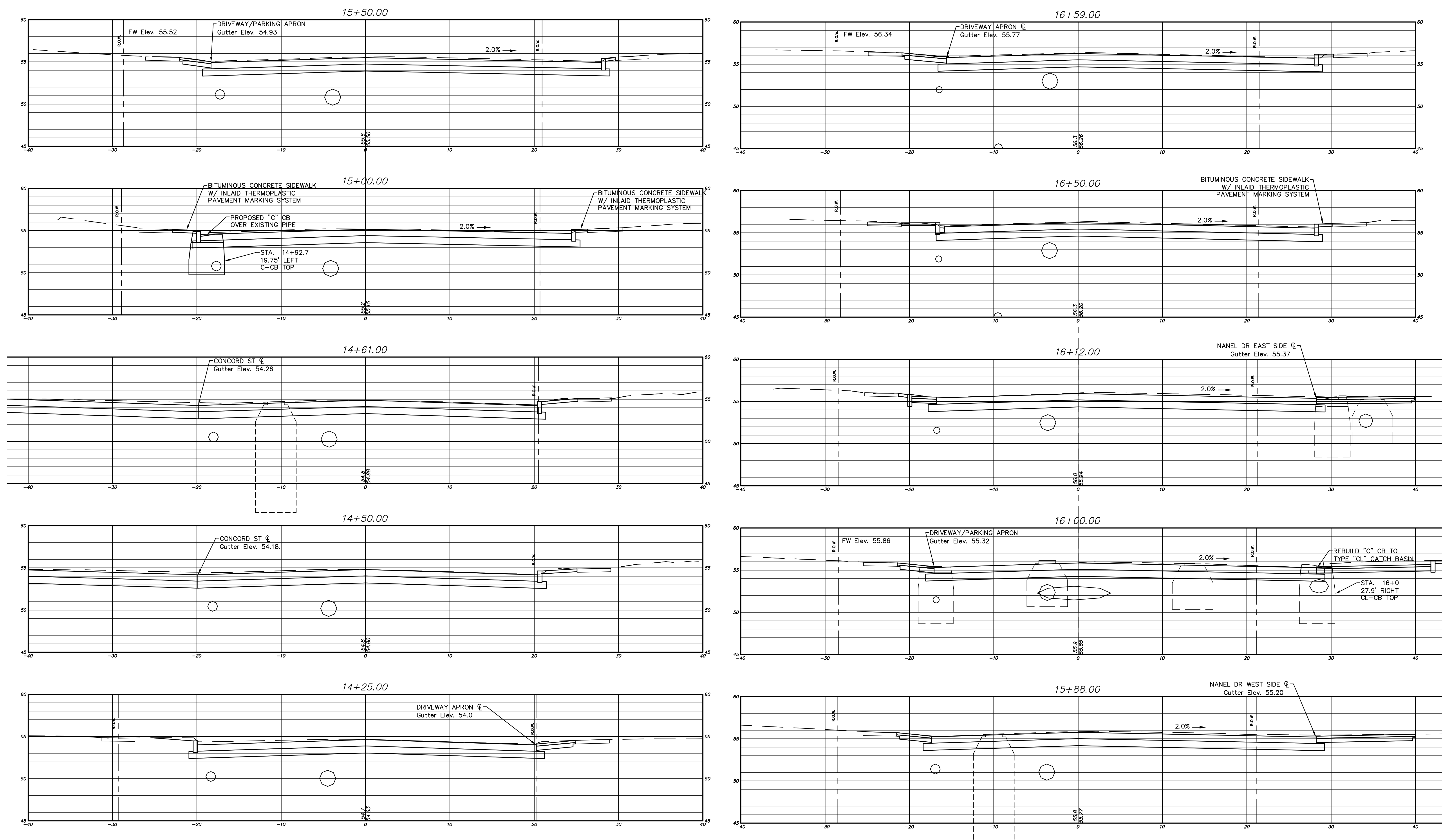


CROSS SECTIONS
 PAVEMENT REHABILITATION
 FOR
 HEBRON AVENUE
 LOCATED BETWEEN
 MAIN STREET & SYCAMORE STREET
 GLASTONBURY, CONNECTICUT

SHEET NO.
13
 OF 17

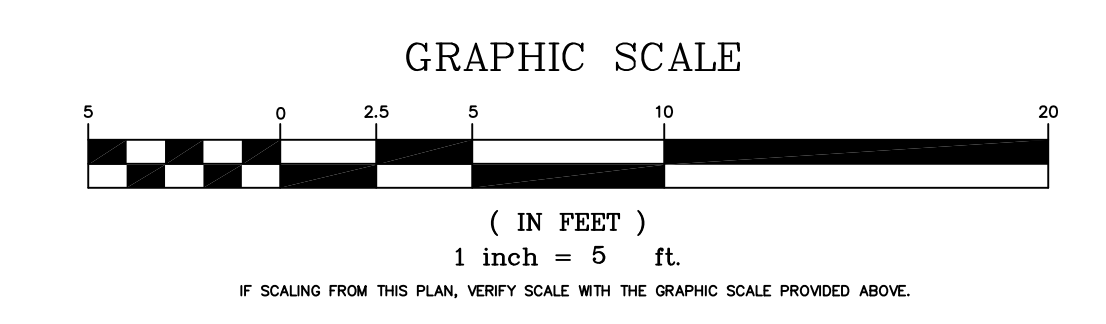
PW-1308

FILE: I:\DWG\Streets\Hebron Ave\Rehab\1308\Hebron Ave-Rehab-1308.dwg USER: Charles.Stamper DATE: 12/7/2017



ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS. ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS AND BY INFORMATION PROVIDED BY OTHERS. THEIR TRUE LOCATIONS MAY VARY FROM THOSE INDICATED, AND ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IF APPLICABLE, UTILIZE THE "CALL BEFORE YOU DIG" NUMBER (1-800-922-4455) TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, AND RESOLVE CONFLICTS PRIOR TO STARTING CONSTRUCTION, REPAIR OR DESIGN.

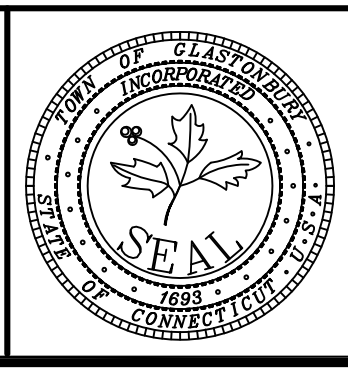
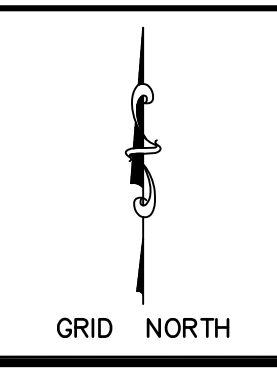


PW-1308

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



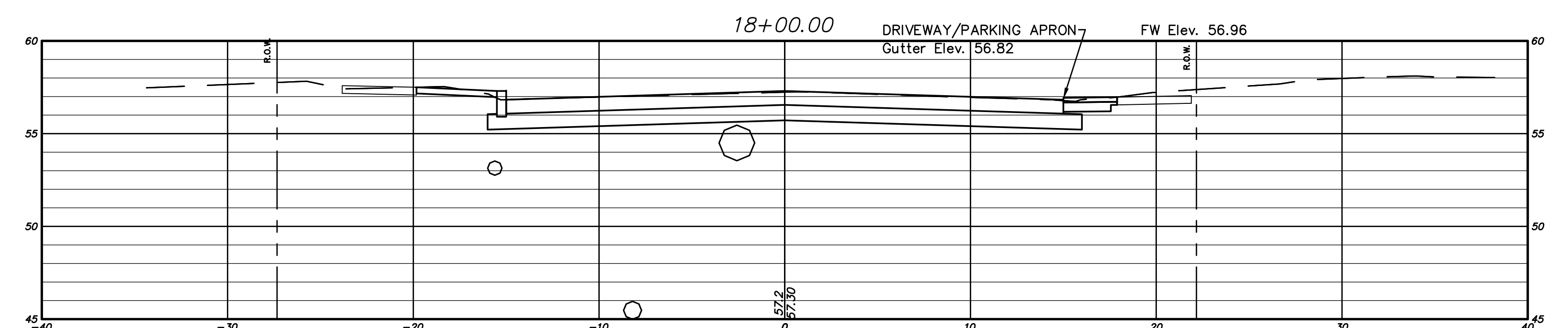
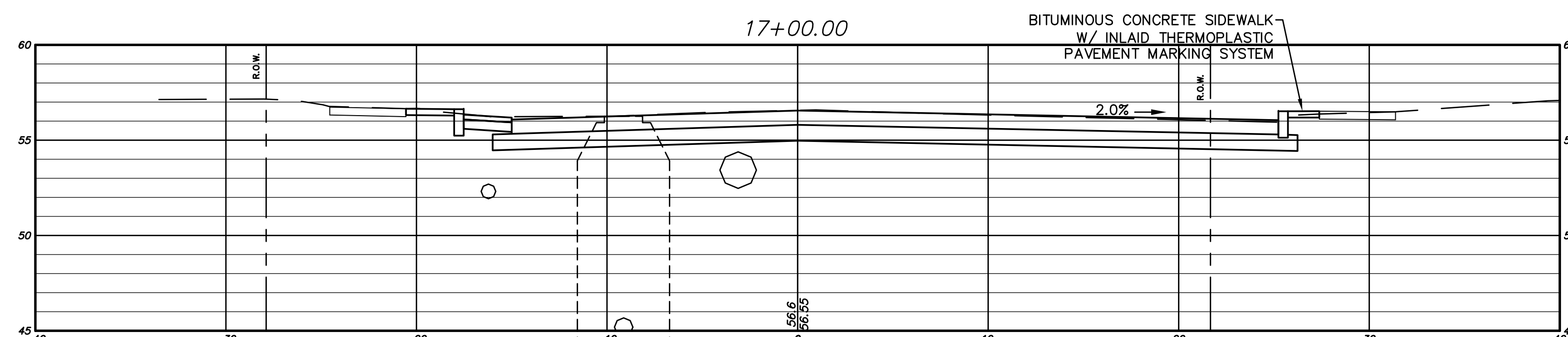
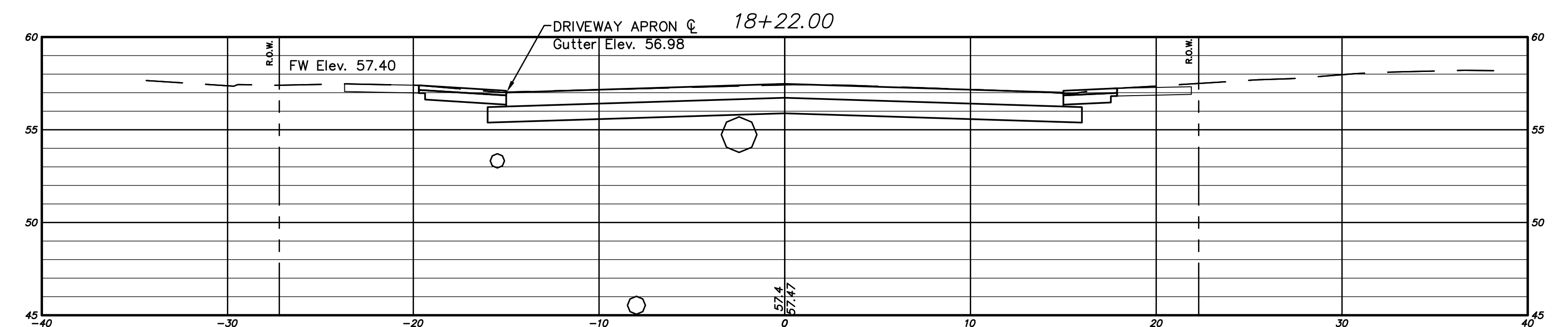
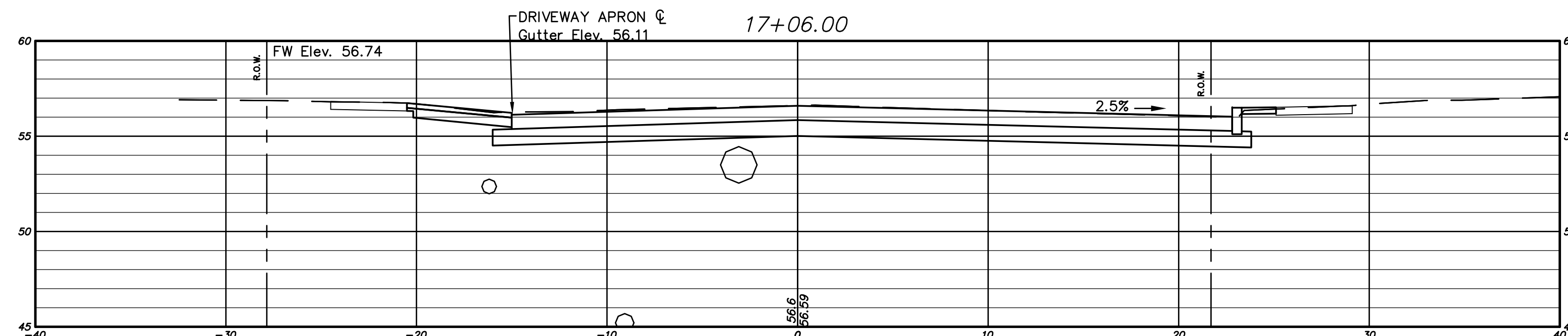
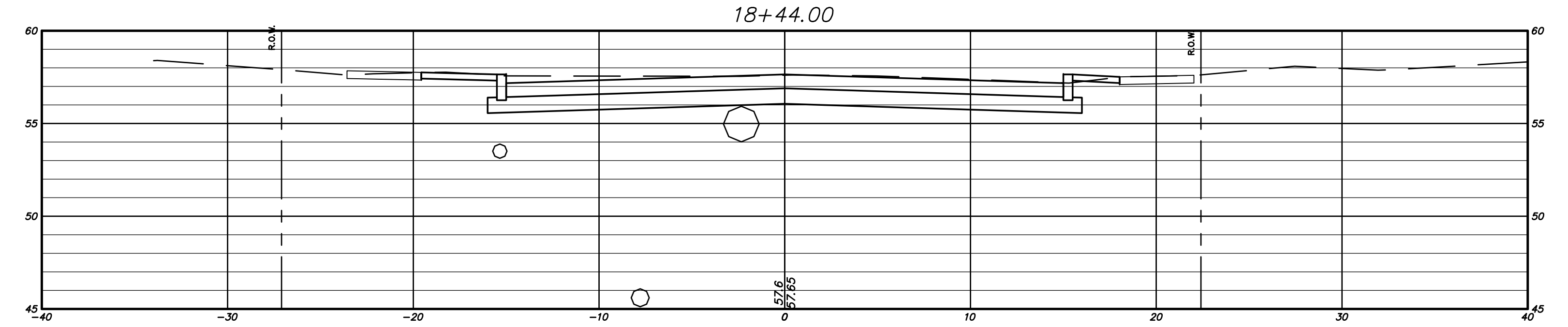
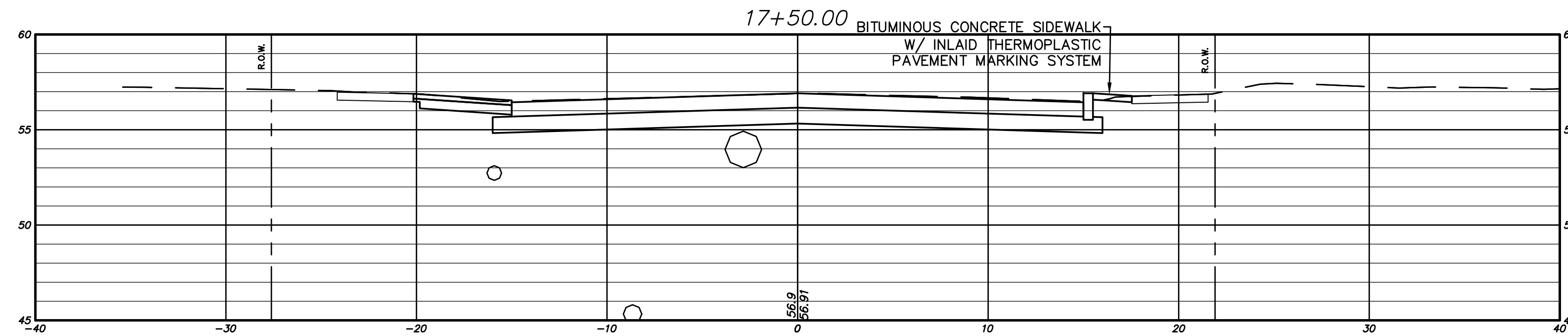
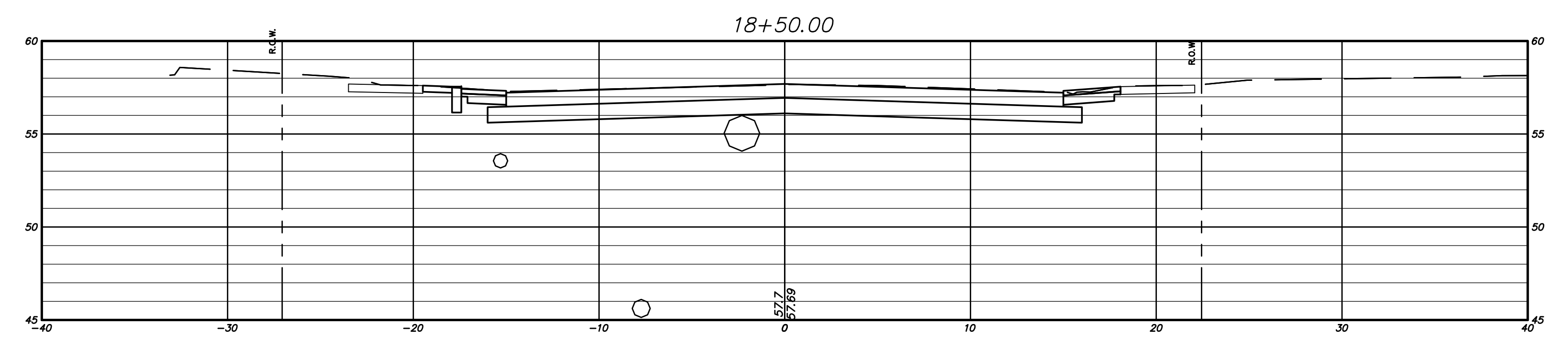
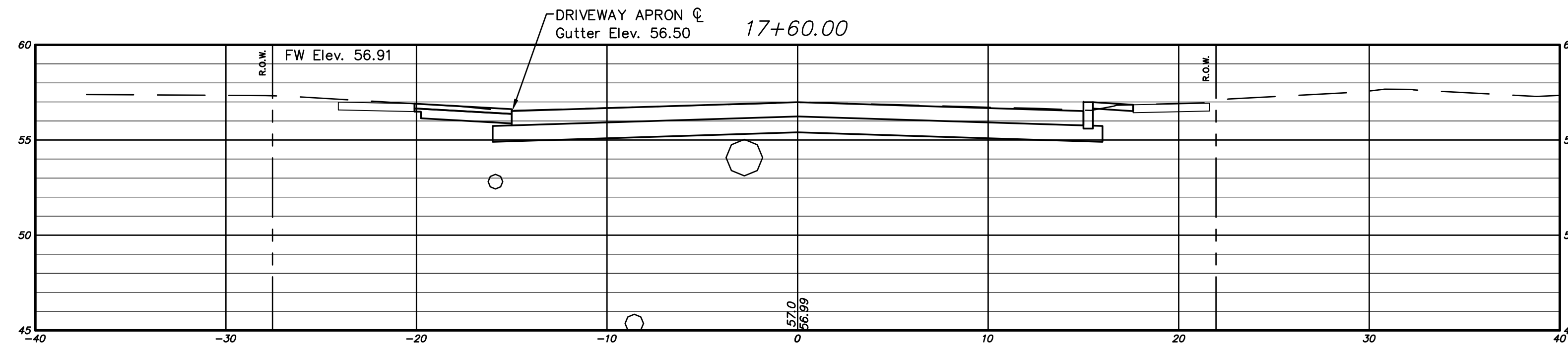
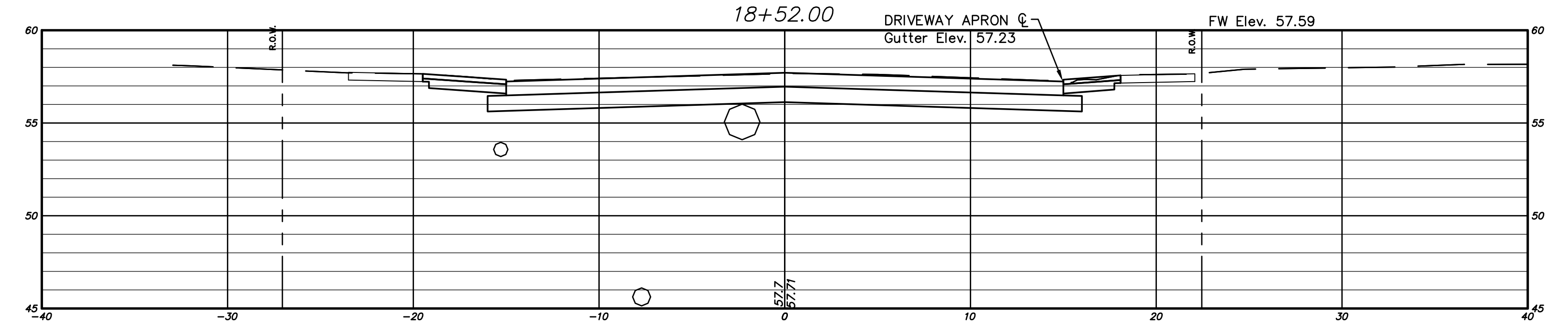
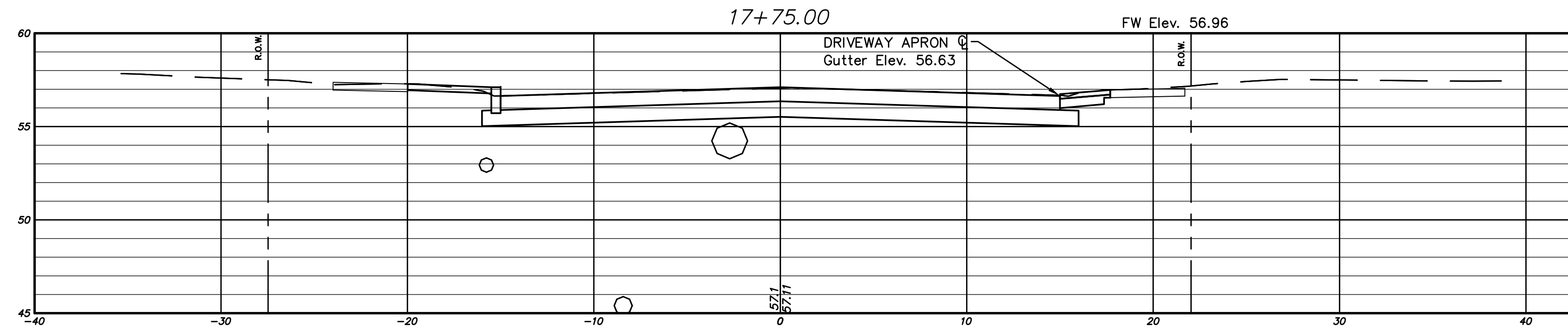
SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.	



CROSS SECTIONS
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

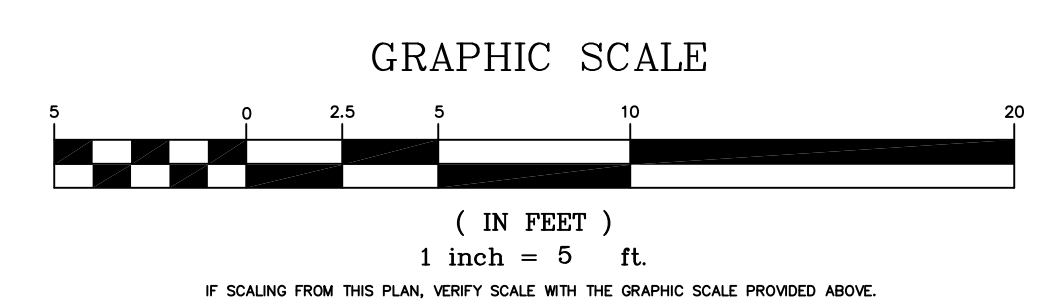
SHEET NO.
14
OF 17

FILE: H:\DWG\Streets\Hebron Ave\Rehab-Cross-Sections\17+75.00.dwg USER: Charles.Stamper DATE: 12/7/2017



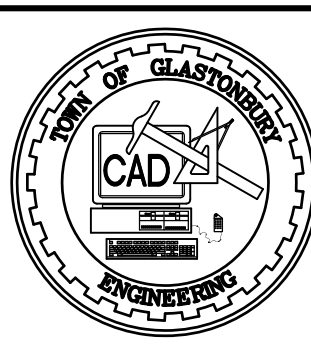
ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS. ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS AND BY INFORMATION PROVIDED BY OTHERS. THEIR TRUE LOCATIONS MAY VARY FROM THOSE INDICATED, AND ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IF APPLICABLE, UTILIZE THE "CALL BEFORE YOU DIG" NUMBER (1-800-922-4455) TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, AND RESOLVE CONFLICTS PRIOR TO STARTING CONSTRUCTION, REPAIR OR DESIGN.



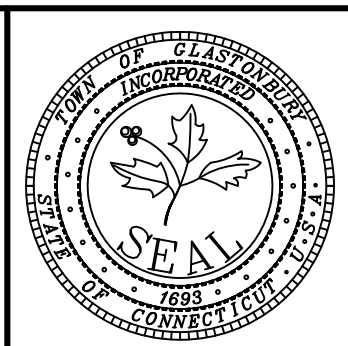
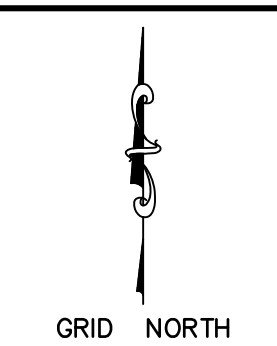
PW-1308

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	

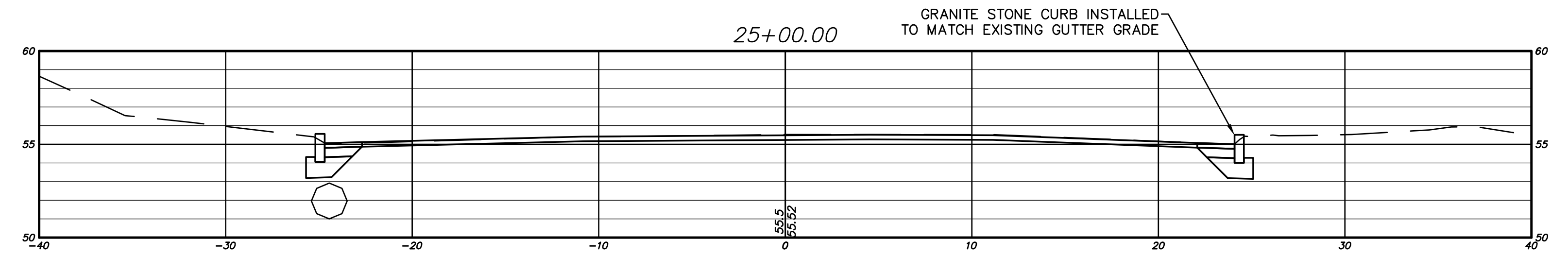
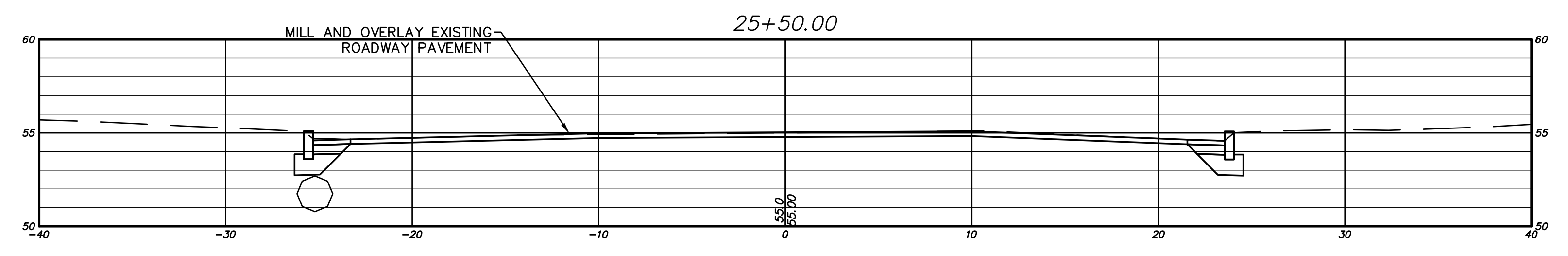
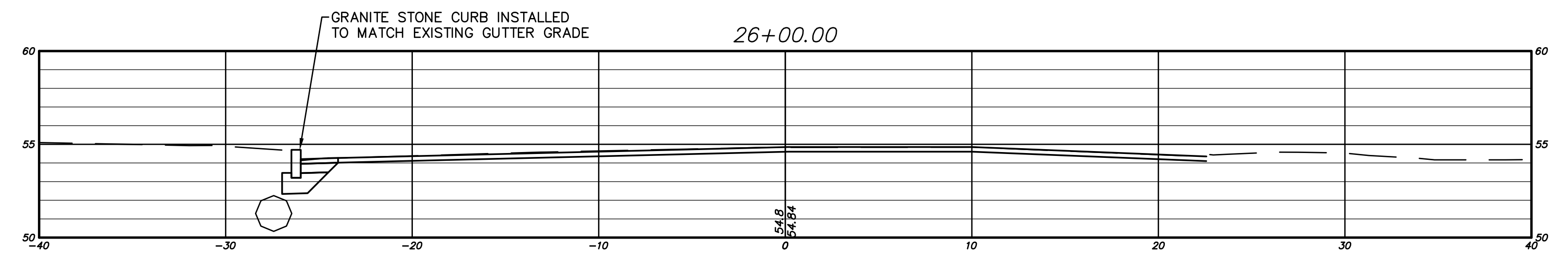
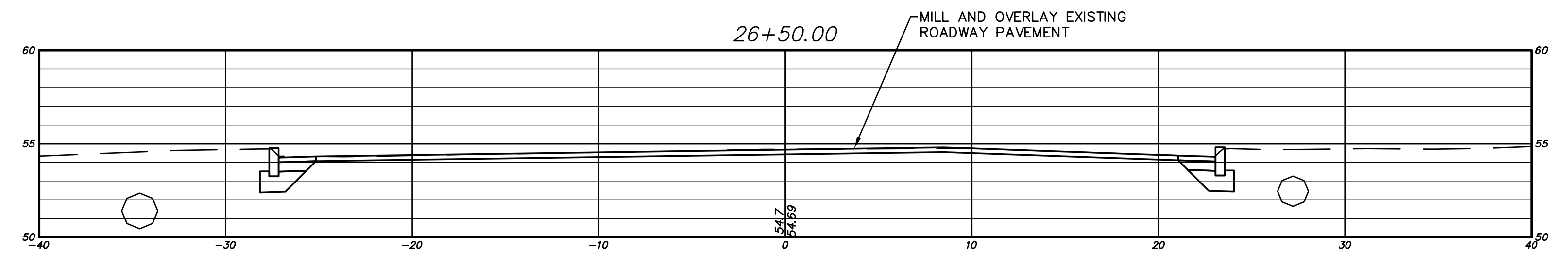
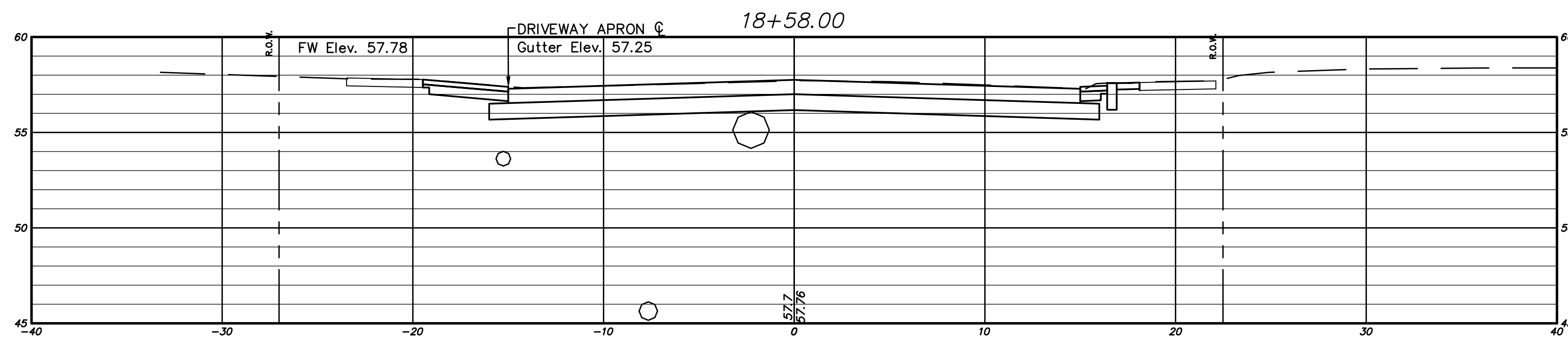
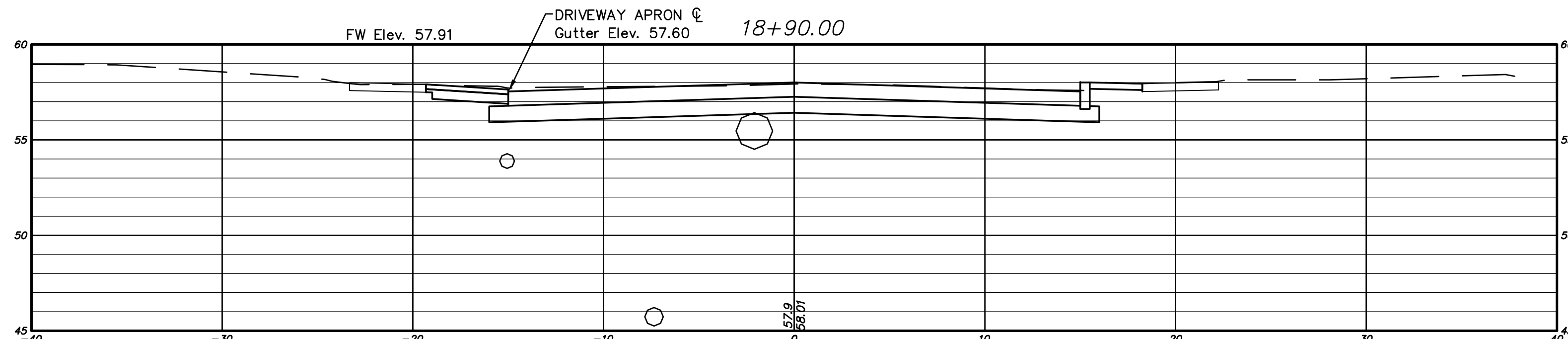
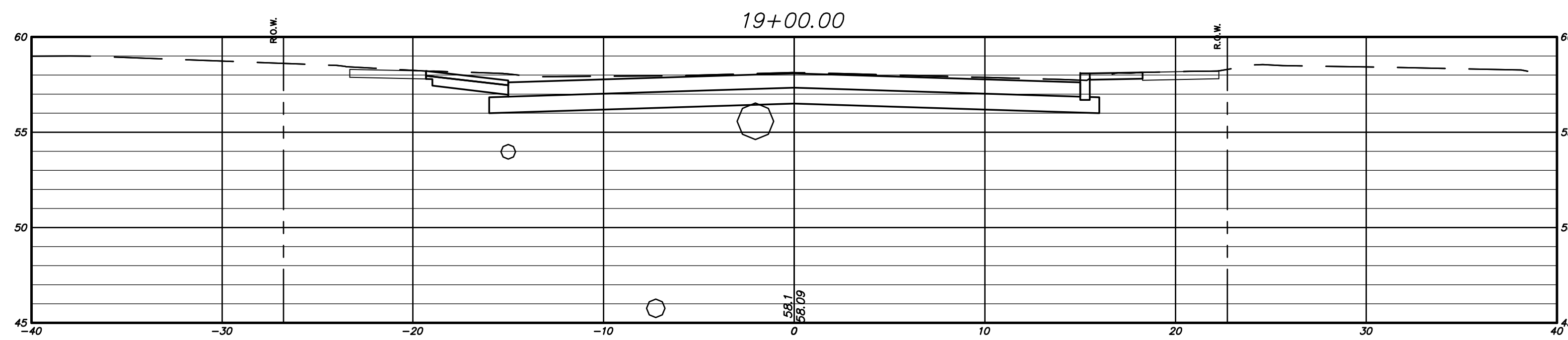
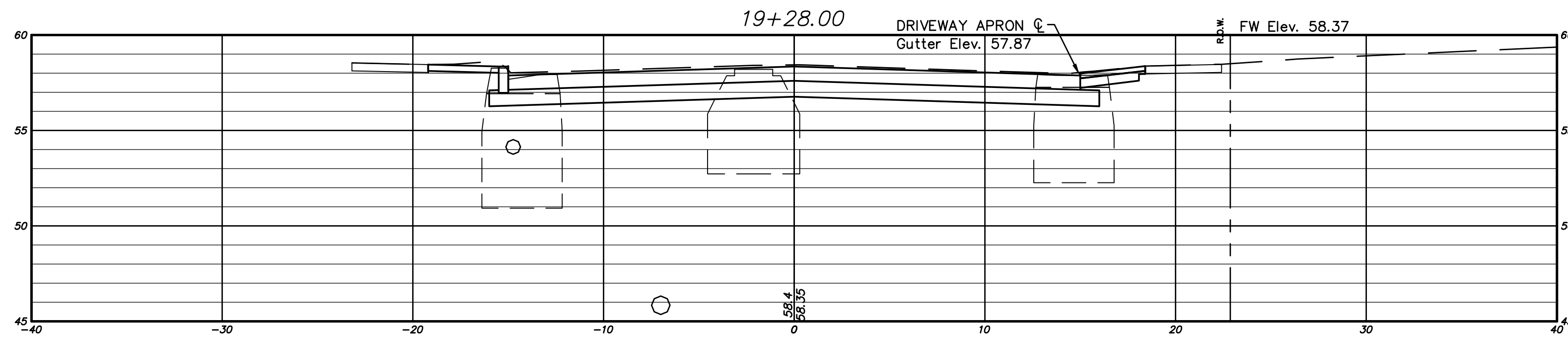
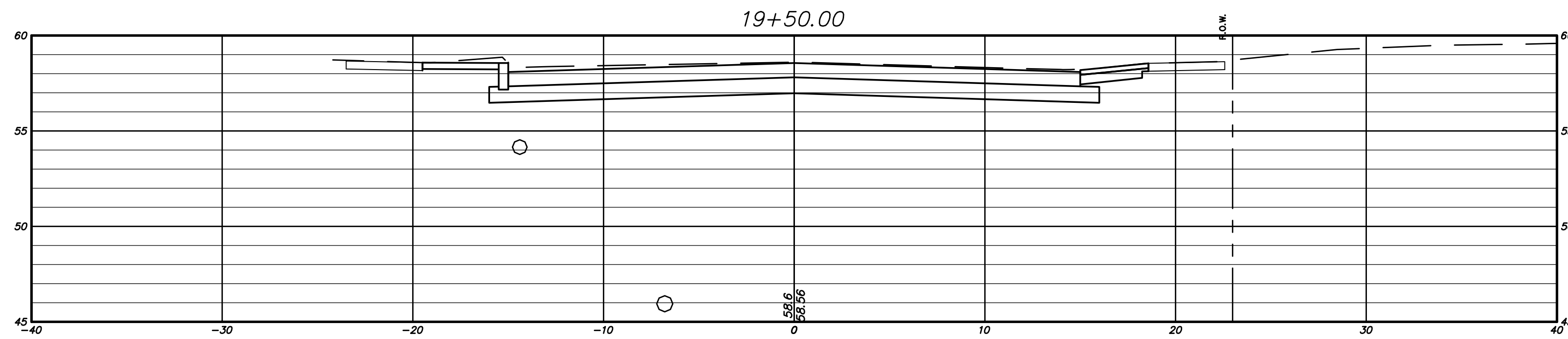
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.



CROSS SECTIONS
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

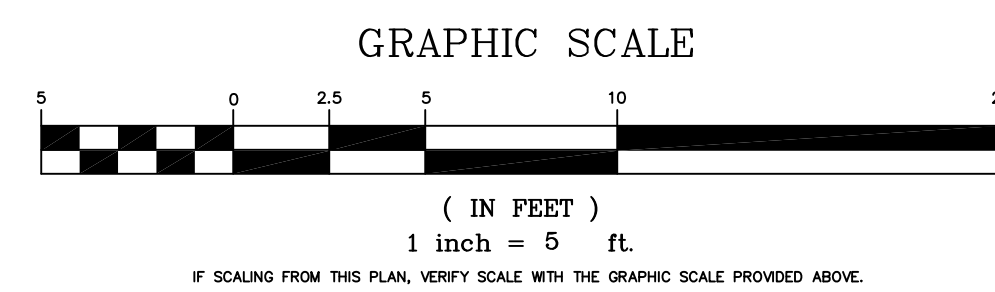
SHEET NO.
15
OF 17

FILE: H:\DWG\Stress\Hebron Ave\PW-1308 Hebron Ave Rehab\Hebron Ave Rehab-CTS-12-2017.dwg USER: Charles Strambler DATE: 12/15/2017



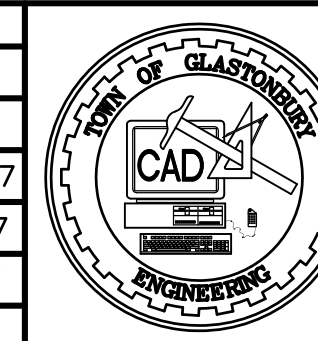
ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS. ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS AND BY INFORMATION PROVIDED BY OTHERS. THEIR TRUE LOCATIONS MAY VARY FROM THOSE INDICATED, AND ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. IF APPLICABLE, UTILIZE THE "CALL BEFORE YOU DIG" NUMBER (1-800-922-4455) TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, AND RESOLVE CONFLICTS PRIOR TO STARTING CONSTRUCTION, REPAIR OR DESIGN.

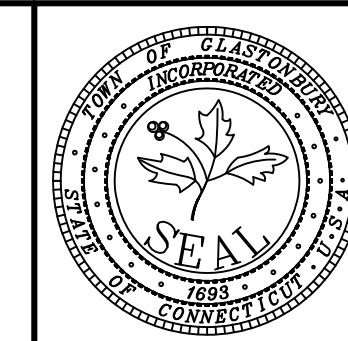
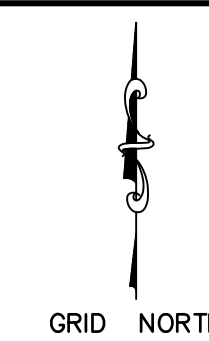


PW-1308

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
3.	100% CONSTRUCTION SUBMISSION	11/30/2017
2.	100% DESIGN SUBMISSION	9/12/2017
1.	FINAL DESIGN SUBMISSION	3/2/2017



SCALE: AS SHOWN	DATE:
DRAWN BY: C.F.S.	9/2016
CHECKED BY: S.M.B.	9/2016
APPROVED BY: D.A.P.	9/2016
ST. FILE:	
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.	



CROSS SECTIONS
PAVEMENT REHABILITATION
FOR
HEBRON AVENUE
LOCATED BETWEEN
MAIN STREET & SYCAMORE STREET
GLASTONBURY, CONNECTICUT

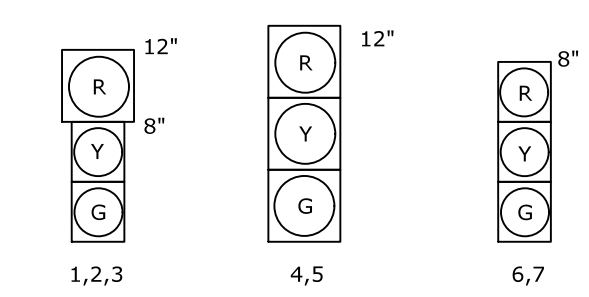
SHEET NO.
16
OF 17

MOVEMENT DIAGRAM																								
NTOR	PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
F A C E #	1	Y			G	Y	R					R	R	R	R	R	R							
	2	Y			G	Y	R					R	R	R	R	R	R							
	3	Y			G	Y	R					R	R	R	R	R	R							
	4	R			R	R	R					G	Y	R	R	R	R							
	5	R			R	R	R					G	Y	R	R	R	R							
	6	R			R	R	R					R	R	R	G	Y	R							
	7	R			R	R	R					G	Y	R	R	R	R							
I N T E R V A S	MIN GRN				15							10												
	WALK											15												
	PED CLR											1												
	VEH EXT											2												
	MAX 1											51												
	MAX 2											51												
	YELLOW												3.3											
	RED													4.4										
	ADD INIT														4.1									
	MAX INIT																							
TBR																								
TTR																								
MIN GAP																								
MODE																								
INT START																								

TECHNICAL NOTES	
STANDARD OVERLAP SKIP FEATURES APPLY	
TIMINGS SHOWN REFLECT FREE OPERATION.	
ACTUAL COORDINATION INFORMATION TO BE DETERMINED BY THE CLOSED LOOP LOCAL COORDINATION UNIT.	

OFFICE RECORD	
REV # 10	TIR # N/A SM # 101190 SIGNAL REVISED: 8/24/2017
REV #	TIR # N/A SM # N/A SIGNAL REVISED:
TOWN REVISED SIDEWALK, SIDEWALK RAMPS, AND PEDESTAL LOCATIONS UNDER PERMIT.	

SIGNAL FACES



ALL INDICATIONS HAVE LED LAMPS.
FACE 7 HAS TUNNEL VISORS AND STRAIGHT VANE LOUVERS.

CLOSED LOOP DETECTOR CHART		
DETECTOR	LOCAL DETECTOR	SYSTEM DETECTOR
D4	1	-
D4A	2	-
D4B,D4C,D4D	3	-
D5	4	-
SD1	5	SD1
SD2	6	SD2
D5 REAR	7	SD3

CONSTRUCTION NOTES

ALL TRAFFIC SIGNAL EQUIPMENT IS EXISTING EXCEPT AS NOTED.
CLEAN EXISTING CONDUIT AND HANDHOLES WHERE REQUIRED.
STAKE ALL R.O.W. PRIOR TO EXCAVATION.

ANY PROPOSED REVISIONS TO THE LOCATION OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DIVISION OF TRAFFIC ENGINEERING PRIOR TO INSTALLATION.

COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION, 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES.

REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT PER SPECIAL PROVISION.

COORDINATE THIS REVISION WITH CONNECTICUT D.O.T. SIGNAL LAB CONTACT MR. DONALD ASSARD (860) 258-0346 OR MR. MARK ZAMPINI (860) 258-0349 AT LEAST 14 DAYS PRIOR TO REVISION.

INSTALL NEW PEDESTAL FOUNDATION ADJACENT TO LANDING AREA. RELOCATE EXISTING PEDESTAL AND 8" SIGNAL HEADS. INSTALL NEW PEDESTALIAN PUSH BUTTON AND SIGN.

LOCATE EXISTING RIGID METAL CONDUIT. EXTEND INTO NEW HANDHOLE.

THE LOCATION OF TRAFFIC SIGNAL FOUNDATIONS WHEN IN OR ADJACENT TO SIDEWALKS SHALL BE VERIFIED PRIOR TO INSTALLATION TO PROVIDE A FREE PATH OF NOT LESS THAN 4 FEET. IF A MINIMUM 4 FOOT FREE PATH IS UNAVAILABLE, NOTIFY THE ENGINEER AND CONTACT THE DIVISION OF TRAFFIC ENGINEERING.

MODIFY EXISTING CONTROLLER TO ACCOMMODATE CHANGES. SUPPLY 5 COPIES OF REVISED CABINET WIRING DIAGRAMS.

TEST THE EXISTING LOOP AMPLIFIERS PRIOR TO REPLACING THE LOOPS.

INSTALL LOOP DETECTORS D5 CENTERED IN LANE AND 8' APART UNLESS OTHERWISE SPECIFIED.

SERIES SPLICE SEGMENTED LOOPS PER LANE.

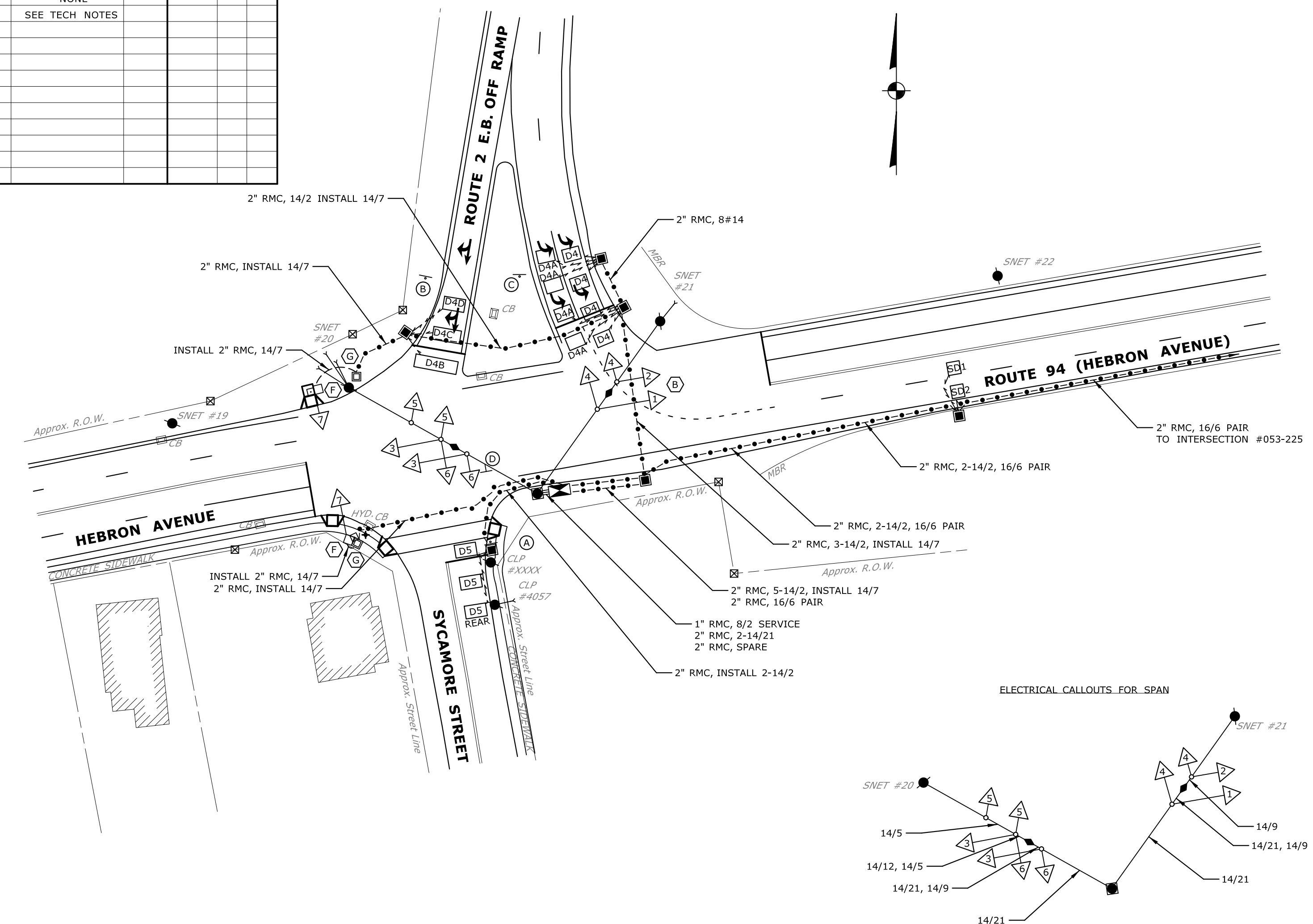
SIDEWALK RAMP TYPES AND LOCATIONS CALLED OUT FOR CONSTRUCTION ON SHEET NO. 10 OF 17 (PLAN & PROFILE PAVEMENT REHABILITATION FOR HEBRON AVENUE).

INSTALL NEW LOOP AMPLIFIER FOR DETECTOR D5 REAR.

IDENT	SIZE (WXL)	TURNS	MODE	SYSTEM LOC	COORDINATION TYPE: CLOSED LOOP			CYCLE	OFFSET
					FUNCTION	PROGRAM TIME	DAYS		
D4	8' X 6'	3	PRESENCE	053-210	FLASH	NONE			
D4A	8' X 6'	3	PRESENCE	053-211		SEE TECH NOTES			
D4B	20' X 6'	3	DELAY 6"	053-213					
D4C	13' X 6'	3	DELAY 6"	053-220					
D4D	10' X 6'	3	DELAY 6"						
D5	10' X 6'	3	PRESENCE						
SD1	6' X 6'	3	PRESENCE						
SD2	6' X 6'	3	PRESENCE						

- SIGN LEGEND**
- (A) 31-0824Z (NO TN. ON RED)
 - (B) 31-0158
 - (C) 31-0246
 - (D) SPAN MTD. 31-0823 (NTOR)

NOTE:
SEE SEPARATE PLAN FOR PAVEMENT MARKINGS AND SIGNING.



SPAN POLE INFORMATION
30", 14" DIA., "0" GA., 20" B.C., 7218 lbs. MIN. YIELD

<p>LEGEND:</p> <ul style="list-style-type: none"> R RED Y YELLOW G GREEN ←R RED ARROW ←Y YELLOW ARROW ←G GREEN ARROW W/W WALKY PED. CLR D.W. DON'T WALK FL. FLASHING 	<ul style="list-style-type: none"> ○ PROPOSED WOOD SPAN POLE ● EXISTING WOOD SPAN POLE □ PROPOSED STEEL SPAN POLE ⊠ EXISTING STEEL SPAN POLE ○ PROPOSED UTILITY POLE ● EXISTING UTILITY POLE □ PEDESTAL MOUNTING □ PEDESTALIAN PUSH BUTTON & SIGN □ DIRECTIONAL ARW. FOR PUSH BUTTON 	<ul style="list-style-type: none"> □ TRAFFIC SIGNAL FACE □ PEDESTRIAN SIGNAL FACE □ DET. LEADS IN SAW CUT □ PROPOSED RMC (RIGID METAL CONDUIT) □ EXISTING RMC (RIGID METAL CONDUIT) □ AUXILIARY TERMINATION CABINET □ AUXILIARY EQUIPMENT CABINET □ VIDEO DETECTION ZONE 	<ul style="list-style-type: none"> □ PROPOSED CONTROLLER □ EXISTING CONTROLLER □ LOOP DETECTOR □ SD SYSTEM DETECTOR □ MAGNETIC DETECTOR □ OPTICAL DETECTOR □ VIDEO DETECTOR □ AUDIO DETECTOR 	<ul style="list-style-type: none"> □ SIDEWALK RAMP □ CABLE CLOSURE □ WIRELESS SENSOR □ WIRELESS RECEIVER □ WIRELESS TRANSMITTER □ GUY WIRE □ PROPOSED HANDHOLE □ EXISTING HANDHOLE 	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p>	<p>ROUTE 94 (HEBRON AVE) AT SYCAMORE ST AND ROUTE 2 E.B. OFF RAMP (EXIT 8)</p>	<p>ENGINEER</p>	<p>TRAFFIC</p>	<p>DATE</p>	<p>ELECTRICAL</p>	<p>DATE</p>	<p>REV #</p>	<p>INTERSECTION #053-211</p>	<p>PROJECT NO.</p>
							<p>DRAWN BY</p>	<p>CHECKED BY</p>	<p>SUBMITTED BY</p>	<p>APPROVED BY</p>	<p>APPROVED DATE</p>	<p>ENERGY BY - TOWN</p>	<p>ADDRESS #</p>	<p>MAINT LEVEL 1</p>

Tighe & Bond
www.tighebond.com
213 Court Street
Suite 1100
Middletown, CT 06457
(860) 704-4760

SCALE 1" = 40'