

USGS Quadrangle Information
 Quad ID: 41072-E8
 Name: Southington, Connecticut
 Date Rev: 1982
 Date Pub: 1984

FINAL DESIGN SUBMISSION

MAY 11, 2018

REVISED FEBRUARY 11, 2019

TODD ROAD IMPROVEMENTS

TODD ROAD WOLCOTT, CONNECTICUT

LOTICIP PROJECT NO. L166-0001

HRP PROJECT NO. WOL2022.CE

GENERAL NOTES

1. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES DISCOVERED DURING THE COURSE OF CONSTRUCTION SHALL BE PROMPTLY REPORTED TO THE ENGINEER.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING, PRIOR TO BIDDING, THE LOCATIONS OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR ALL DAMAGE TO SAID UTILITIES. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455), AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH INDIVIDUAL UTILITY COMPANIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT PROPER STORM DRAINAGE AND SANITARY FLOW IS MAINTAINED THROUGHOUT CONSTRUCTION.
4. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AS OUTLINED HEREIN. INSPECTION AND MAINTENANCE SHALL BE CARRIED OUT THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH VEGETATION OR PAVING. THE MINIMUM INSPECTION PERIOD SHALL BE WEEKLY AND AFTER MAJOR STORMS.
5. CONSTRUCTION ACTIVITIES SHALL CONFORM TO APPLICABLE SECTIONS OF THE TOWN OF WOLCOTT STANDARDS AND APPLICABLE SECTIONS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION," FORM 817, AS AMENDED.
6. CONTRACTOR SHALL SUBMIT A MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION START.

SHEET INDEX

SHEET	TITLE / DESCRIPTION	CREATED	REVISED
	TITLE SHEET	05/11/2018	01/23/2019
GE-01	DETAILED ESTIMATE SHEET	05/11/2018	02/11/2019
GN-01	GENERAL NOTES & LEGEND	05/11/2018	
CE-01	SITE PREPARATION PLANS STATION 00+00 TO 22+00	05/11/2018	01/23/2019
CE-02	SITE PREPARATION PLANS STATION 22+00 TO 46+00	05/11/2018	01/23/2019
CE-03	SITE PREPARATION PLANS STATION 46+00 TO 70+00	05/11/2018	01/23/2019
CE-04	SITE PREPARATION PLANS STATION 70+00 TO 94+00	05/11/2018	01/23/2019
CE-05	SITE PREPARATION PLANS STATION 94+00 TO 99+50	05/11/2018	02/11/2019
CP-01	PLAN & PROFILE STATION 0+00 TO 11+00	05/11/2018	01/23/2019
CP-02	PLAN & PROFILE STATION 11+00 TO 22+00	05/11/2018	01/23/2019
CP-03	PLAN & PROFILE STATION 22+00 TO 34+00	05/11/2018	01/23/2019
CP-04	PLAN & PROFILE STATION 34+00 TO 46+00	05/11/2018	01/23/2019
CP-05	PLAN & PROFILE STATION 46+00 TO 58+00	05/11/2018	01/23/2019
CP-06	PLAN & PROFILE STATION 58+00 TO 70+00	05/11/2018	01/23/2019
CP-07	PLAN & PROFILE STATION 70+00 TO 82+00	05/11/2018	01/23/2019
CP-08	PLAN & PROFILE STATION 82+00 TO 94+00	05/11/2018	01/23/2019
CP-09	PLAN & PROFILE STATION 94+00 TO 99+50	05/11/2018	02/11/2019
CX-01	CROSS SECTIONS	05/11/2018	10/22/2018
CM-01	SIGNAGE AND PAVEMENT MARKING PLAN STATION 00+00 TO 22+00	05/11/2018	01/23/2019
CM-02	SIGNAGE & PAVEMENT MARKING PLAN STATION 22+00 TO 46+00	05/11/2018	01/23/2019
CM-03	SIGNAGE & PAVEMENT MARKING PLAN STATION 46+00 TO 70+00	05/11/2018	01/23/2019
CM-04	SIGNAGE & PAVEMENT MARKING PLAN STATION 70+00 TO 94+00	05/11/2018	01/23/2019
CM-05	SIGNAGE & PAVEMENT MARKING PLAN STATION 94+00 TO 99+50	05/11/2018	02/11/2019
CD-01	DETAILS	05/11/2018	01/23/2019
CD-02	FINAL ELEVATIONS FOR CROWN AND CURB LINES	09/20/2018	01/23/2019

SHEET INDEX

SHEET	TITLE / DESCRIPTION	CREATED	REVISED
CW-01	ROAD WIDENING PLAN STATION 00+00 TO 22+00	05/11/2018	01/23/2019
CW-02	ROAD WIDENING PLAN STATION 22+00 TO 46+00	05/11/2018	01/23/2019
CW-03	ROAD WIDENING PLAN STATION 46+00 TO 70+00	05/11/2018	01/23/2019
CW-04	ROAD WIDENING PLAN STATION 70+00 TO 94+00	05/11/2018	01/23/2019
CW-05	ROAD WIDENING PLAN STATION 94+00 TO 99+50	05/11/2018	01/23/2019
TCS-106-209	TRAFFIC CONTROL SIGNAL PLAN - INTERSECTION #166-209	05/20/2016	

LIST OF STANDARD DRAWINGS

DWG. NO.	TITLE / DESCRIPTION	APPROVAL DATE
HW-507_01	TYPE "C", "C-L", & DROP INLET CATCH BASIN	07/24/2013
HW-507_08	CATCH BASIN FRAMES & GRATES	09/18/2009
HW-815_01	BITUMINOUS CONCRETE CURBING	06/07/2017
HW-910_01	W-BEAM METAL BEAM RAIL HARDWARE	06/09/2011
HW-910_02	METAL BEAM RAIL (TYPE R-B 350) GUIDERAIL	06/09/2011
HW-910_17	R-B TERMINAL SECTION	07/24/2013
HW-911_01	R-B END ANCHORAGE TYPE I AND II	01/05/2018
HW-921_01	DRIVEWAY RAMPS AND SIDEWALKS	06/07/2017
TR-1111_01	LOOP VEHICLE DETECTOR AND SAWCUT	04/29/2014
TR-1208_01	SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS	04/19/2017
TR-1208_02	METAL SIGN POSTS AND SIGN MOUNTING DETAILS	06/15/2017
TR-1210_04	PAVEMENT MARKING LINES AND SYMBOLS	04/19/2017
TR-1210_08	PAVEMENT MARKINGS FOR NON FREEWAYS	04/19/2017
TR-1220_01	SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS	08/28/2015
TR-1220_02	CONSTRUCTION SIGN SUPPORTS & CHANNELIZING DEVICES	08/28/2015

Prepared By:



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 FARMINGTON, CT 06032
 (860) 674-9570
 HRPASSOCIATES.COM

Prepared For:

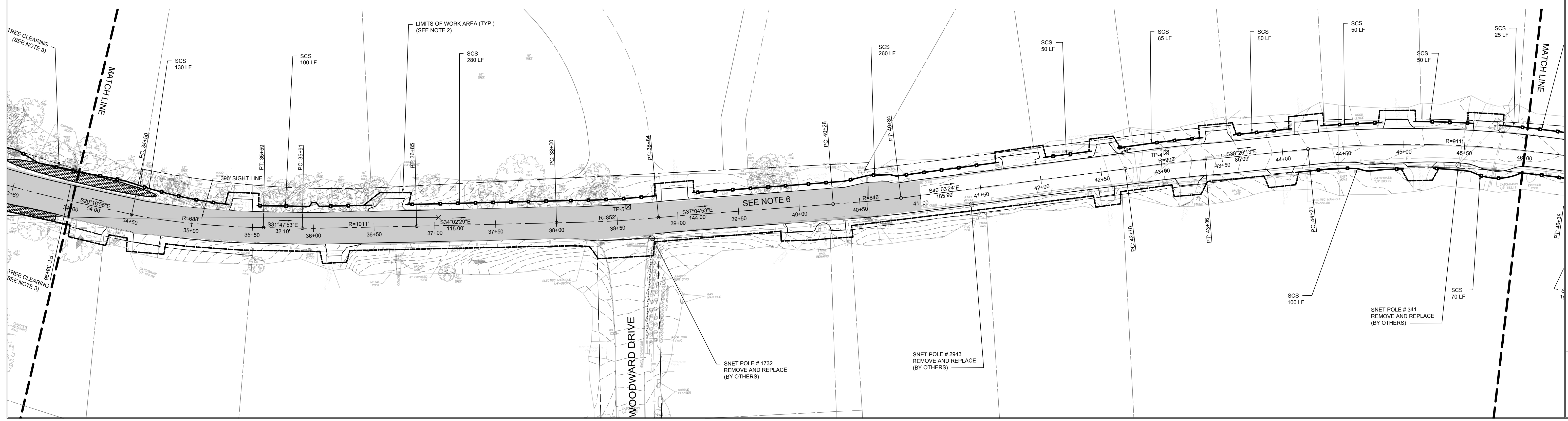
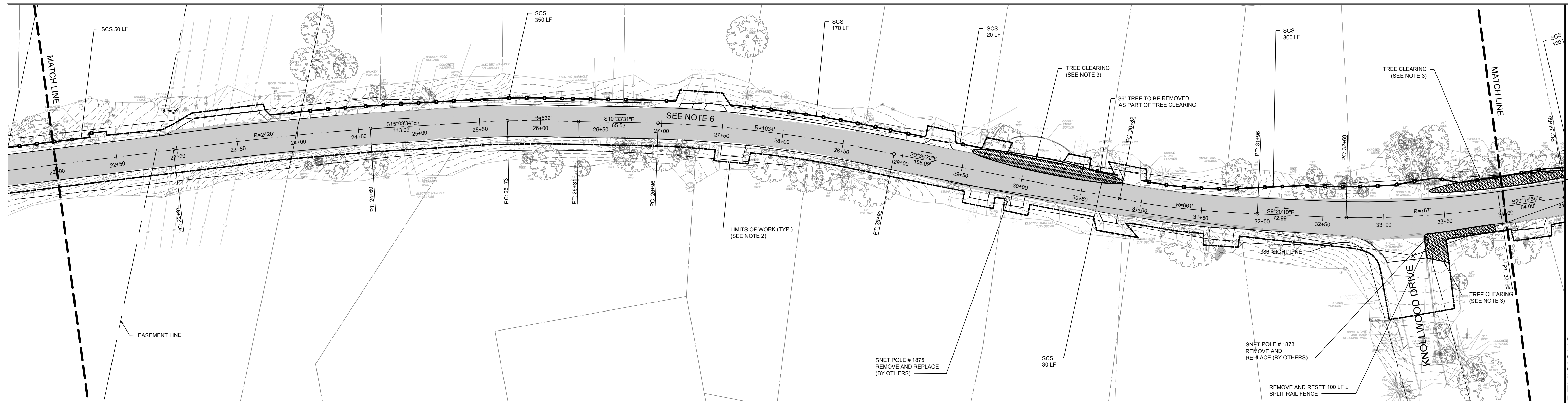
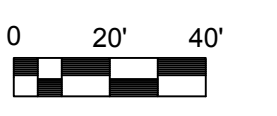
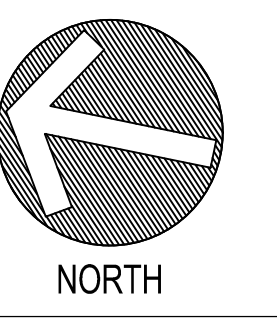
TOWN OF WOLCOTT

ITEM NUMBER	ITEM	UNIT	ROAD QTY.	UNASSIGNED QUANTITIES	TOTAL
02011001	CLEARING AND GRUBBING	LS	1		1
02011002	REMOVE AND RESET FENCE	LF	100		100
02022000	EARTH EXCAVATION	CY	1800		1800
02022001	CUT BITUMINOUS CONCRETE PAVEMENT	LF	396		396
02022002	REMOVAL OF BITUMINOUS SIDEWALK	SY	560		560
02031000	STRUCTURE EXCAVATION - ROCK	CY	10		10
02031001	TRENCH EXCAVATION (0-10')	CY	1800		1800
02071000	BORROW	CY	410		410
02090001	FORMATION OF SUBGRADE	SY	28877		28877
02122000	SUBBASE	CY	1576		1576
02190001	SEDIMENTATION CONTROL SYSTEM	LF	11504		11504
02190002	SEDIMENTATION CONTROL AT CATCH BASIN	EA	47		47
02190003	PROCESSED AGGREGATE BASE	CY	1140		1140
03040002	HANDLING COLD RECLAIMED ASPHALT PAVEMENT	SY	500		500
0403001A	FULL DEPTH RECLAMATION - LOCAL ROADS	SY	28877		28877
04060101-1	BITUMINOUS CONCRETE CLASS I	TONS	6900		6900
04062000	MATERIAL FOR TACK COAT	GAL	2887		2887
04062001	MILLING OF BITUMINOUS CONCRETE (0" TO 4")	SY	29660		29660
04062002	MILLING OF BITUMINOUS CONCRETE (OVER 4" TO 8")	SY	7511		7511
05070000	TYPE "C" CATCH BASIN TOP	EA	10		10
05070001	TYPE "C" CATCH BASIN (W/ 4' SUMP)	EA	27		27
05070002	TYPE "C-L" CATCH BASIN (W/ 4' SUMP)	EA	4		4
05070003	TYPE "C-L" CATCH BASIN TOP	EA	6		6
05070004	RESET CATCH BASIN	EA	17		17
08114000A	EMBANKMENT WALL (SITE NO.1)	LS	1		1
08510001	BEDDING MATERIAL	CY	120		120
08510011	12" R.C. PIPE	LF	160		160
08510012	15" R.C. PIPE	LF	650		650
08510013	18" R.C. PIPE	LF	400		400
08510014	24" R.C. PIPE	LF	50		50
08520010	24" R.C. CULVERT END	EA	1		1
07030012	MODIFIED RIPRAP	CY	10		10
08030000	PAVED DITCH	SY	10		10
08150001	BITUMINOUS CONCRETE LIP CURBING	LF	14325		14325
08050001A	RESET STONE WALL	LF	100		100
09101002	R-B TERMINAL SECTION	EA	2		2
09101010	METAL BEAM RAIL (TYPE R-B 350)	LF	260		260
09122002	REMOVE METAL RAIL BEAM (TYPE R-1)	LF	247		247
09222001	BITUMINOUS CONCRETE DRIVEWAY	SY	4575		4575
09090001	SWEEPING FOR DUST CONTROL	HR	250		250
09430001	M WATER FOR DUST CONTROL	M GAL	5		5
09440000	FURNISH AND PLACE TOPSOIL	SY	3715		3715
09501000	TURF ESTABLISHMENT	SY	3715		3715
09502000	EROSION CONTROL MATTING TYPE E	SY	260		260
09503000	CONSTRUCTION FIELD OFFICE, SMALL	MO	4		4
09503001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1		1
0971001A	MOBILIZATION AND PROJECT CLOSEOUT	LS	1		1
09750004	TRAFFIC CONE	EA	50		50
09770001	TRAFFIC DRUM	EA	50		50
09780002	CONSTRUCTION STAKING	LS	1		1
10080001	CLEAN EXISTING CONDUIT	LF	136		136
10080004	CLEAN EXISTING CONCRETE HANDHOLE	EA	2		2
10100004	LOOP VEHICLE DETECTOR	EA	4		4
1111401A	LOOP DETECTOR SAWCUT	LF	178		178
1111401A	REMOTE CONTROLLED CHANGEABLE MESSAGE SIGN	DAY	240		240
11310002	REMOVAL AND RELOCATION OF EXISTING SIGNS	LS	1		1
12000023	SIGN FACE-SHEET ALUMINUM (FLUORESCENT SHEETING)	SF	128		128
12080000	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	LF	19900		19900
12101001	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	LF	19900		19900
12101002	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS, AND LEGENDS	SF	1800		1800
12101005	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW	LF	3300		3300
12200013	CONSTRUCTION SIGNS-BRIGHT FLUORESCENT SHEETING	SF	400		400
1403001A	RESET MANHOLE (SANITARY SEWER)	EA	18		18

REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER NVCOCGT COMMENTS
2	01/07/2019 REVISED PER CT DOT COMMENTS
3	02/11/2019 REVISED PER CT DOT COMMENTS

DESIGNED: MCP	SCALE: NONE
DRAWN: BOB/JAS	ISSUE DATE: 05/11/2018
REVIEWED: MCP	PROJECT NUMBER: WOL2022_CE
APPROVED: MCP	SHEET SIZE: 24"x36"

TODD ROAD IMPROVEMENTS
TODD ROAD
WOLCOTT, CONNECTICUT



NOTES:

1. THE SITE PREPARATION PLANS INCLUDE EROSION AND SEDIMENTATION CONTROL MEASURES, THE LIMITS OF CONSTRUCTION ACTIVITIES, SITE FEATURES AND APPURTENANCES TO BE REMOVED, AND SITE FEATURES TO BE REMOVED AND REPLACED AS PART OF THIS PROJECT. SEE PLAN AND PROFILE SHEETS FOR NEW AND REPLACEMENT STORMWATER STRUCTURES AND PIPES.
2. THE LIMITS OF WORK SHOWN ON THE PLANS DEPICT THE LIMITS OF CONSTRUCTION ACTIVITIES. WHERE SILT FENCE IS TO BE INSTALLED, SILT FENCE DEPICTS THE LIMITS OF CONSTRUCTION ACTIVITIES.
3. EXISTING TREES AND/OR BUSHES/VEGETATION SHALL BE REMOVED AS REQUIRED TO PROVIDE THE REQUIRED SIGHT LINES AT ROADWAY INTERSECTIONS ALONG TODD ROAD AND WHERE NECESSARY FOR CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL COORDINATE TREE REMOVAL AND BUSH/VEGETATION CLEARING WITH THE TOWN PRIOR TO THE START OF WORK. NO TREES SHALL BE REMOVED WITHOUT PRIOR TOWN APPROVAL. (TO BE PAID UNDER C & G)
4. SITE APPURTENANCES, INCLUDING BUT NOT LIMITED TO SITE UTILITIES, MAILBOXES, WALLS AND FENCES, THAT ARE WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED DURING CONSTRUCTION. SITE APPURTENANCES DAMAGED OR DESTROYED DUE TO CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND OR BETTER BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL PERFORM 4" MILL ALONG TODD ROAD AND INTERSECTING ROADWAYS WITHIN THE LIMITS OF CONSTRUCTION FROM STATION 0+00 TO STATION 15+00 AND STATION 41+00 TO STATION 99+00.
6. CONTRACTOR SHALL MILL ADDITIONAL 4" (8" MILL TOTAL) WITHIN THE LIMITS OF CONSTRUCTION FROM STATION 15+00 TO STATION 41+00. THE 8" MILL AREA IS INDICATED BY SOLID GRAY HATCH PATTERN ON PLANS.
7. AFTER MILLING IS COMPLETE, THE ENTIRE ROADWAY (EXCEPT BRIDGE SECTION FROM STATION 9+10 TO 9+28) SHALL BE RECLAIMED TO 10" DEPTH.

REVISIONS		
NO.	DATE	DESCRIPTION
1	09/20/2018	REVISED PER NVCOGCT COMMENTS
2	10/22/2018	REVISED PER NVCOGCT COMMENTS
3	01/23/2018	REVISED PER CT DOT COMMENTS

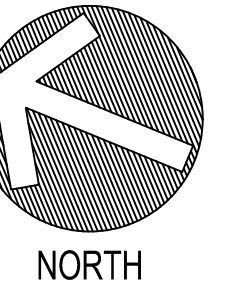
DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL.2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

**SITE PREPARATION
 PLANS STATION
 22+00 TO 46+00**

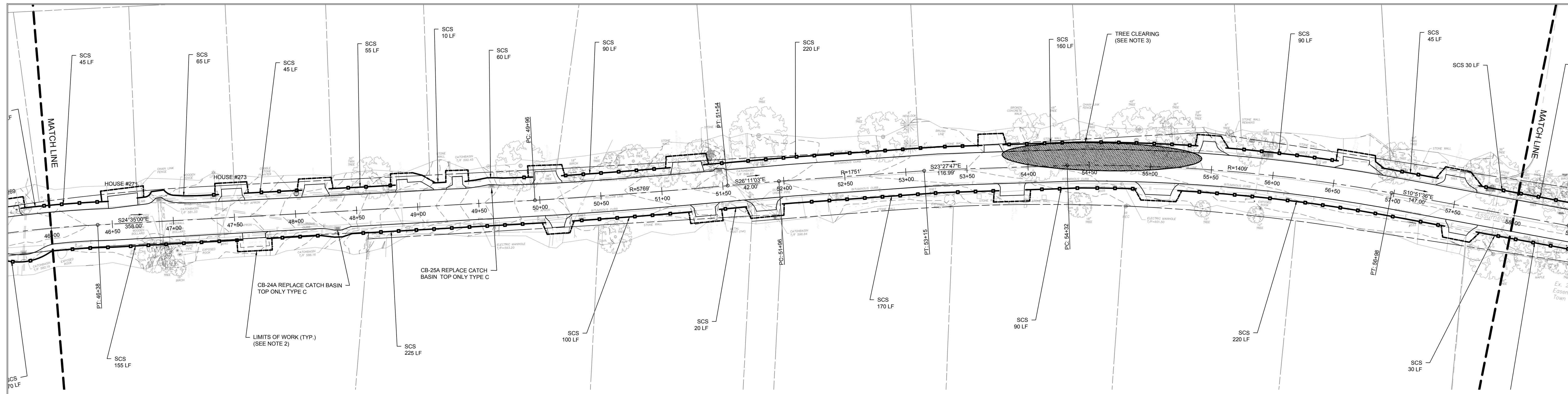
SHEET NO.
CE-02

DRAWING NAME: WOLCOTT - TOWN OF WOLCOTT - TOWN ROAD PUBLIC CONSTRUCTION WOLCOTT, CT DRAWING NO: WOLCOTT - TOWN ROAD PUBLIC CONSTRUCTION WOLCOTT, CT DRAWING DATE: 05/11/2018 10:40:00 PROJECT DATE: 06/11/2018 10:40:00 OPERATOR: JPB

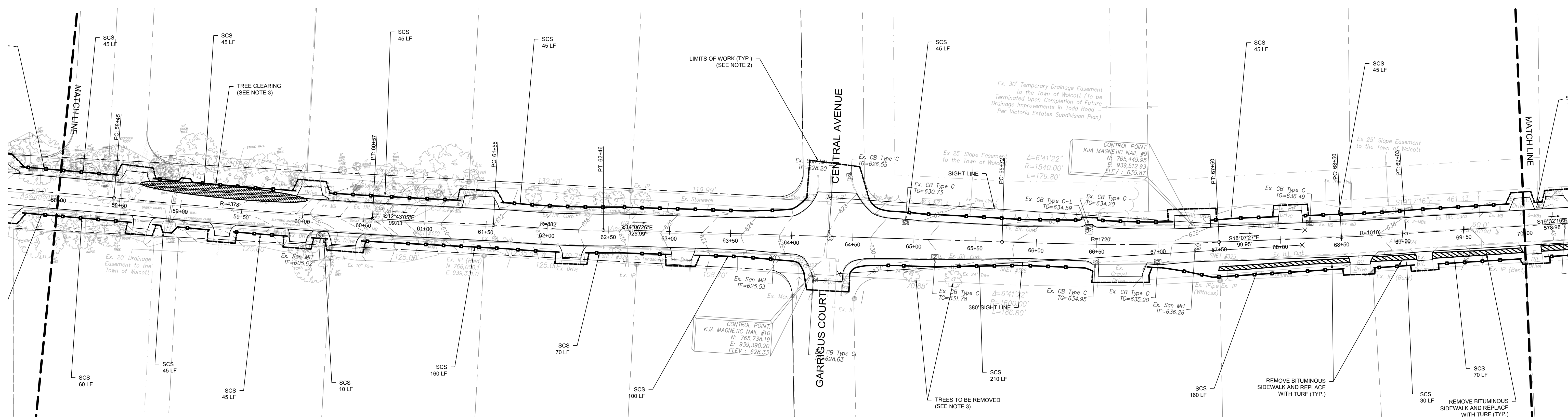


REVISIONS	
NO.	DESCRIPTION
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2	10/22/2018 REVISED PER INVOGCT COMMENTS
3	01/23/2018 REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"



- NOTES:**
- THE SITE PREPARATION PLANS INCLUDE EROSION AND SEDIMENTATION CONTROL MEASURES, THE LIMITS OF CONSTRUCTION ACTIVITIES, SITE FEATURES AND APPURTENANCES TO BE REMOVED, AND SITE FEATURES TO BE REMOVED AND REPLACED AS PART OF THIS PROJECT. SEE PLAN AND PROFILE SHEETS FOR NEW AND REPLACEMENT STORMWATER STRUCTURES AND PIPES.
 - THE LIMITS OF WORK SHOWN ON THE PLANS DEPICT THE LIMITS OF CONSTRUCTION ACTIVITIES. WHERE SILT FENCE IS TO BE INSTALLED, SILT FENCE DEPICTS THE LIMITS OF CONSTRUCTION ACTIVITIES.
 - EXISTING TREES AND/OR BUSHES/VEGETATION SHALL BE REMOVED AS REQUIRED TO PROVIDE THE REQUIRED SIGHT LINES AT ROADWAY INTERSECTIONS ALONG TODD ROAD AND WHERE NECESSARY FOR CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL COORDINATE TREE REMOVAL AND BUSH/VEGETATION CLEARING WITH THE TOWN PRIOR TO THE START OF WORK. NO TREES SHALL BE REMOVED WITHOUT PRIOR TOWN APPROVAL. (TO BE PAID UNDER C & G)
 - SITE APPURTENANCES, INCLUDING BUT NOT LIMITED TO SITE UTILITIES, MAILBOXES, WALLS AND FENCES, THAT ARE WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED DURING CONSTRUCTION. SITE APPURTENANCES DAMAGED OR DESTROYED DUE TO CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND OR BETTER BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL PERFORM 4" MILL ALONG TODD ROAD AND INTERSECTING ROADWAYS WITHIN THE LIMITS OF CONSTRUCTION.
 - CONTRACTOR SHALL MILL ADDITIONAL 4" (8" MILL TOTAL) WITHIN THE LIMITS OF CONSTRUCTION FROM STATION 15+00 TO STATION 41+00. THE 8" MILL AREA IS INDICATED BY SOLID GRAY HATCH PATTERN ON PLANS.
 - AFTER MILLING IS COMPLETE, THE ENTIRE ROADWAY (EXCEPT BRIDGE SECTION FROM STATION 9+10 TO 9+28) SHALL BE RECLAIMED TO 10" DEPTH.



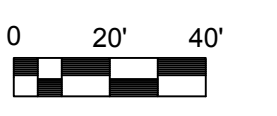
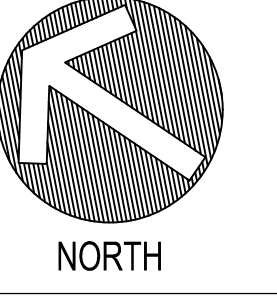
TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

SITE PREPARATION
PLANS STATION
46+00 TO 70+00

SHEET NO.
CE-03

P.E. SEAL

DRAWING NAME: WOLCOTT - TOWN OF WOLCOTT TOWN ROAD PUBLIC CONSTRUCTION PLAN PREPARATION STATIONS 46+00 TO 70+00. PLOT DATE: 06/11/2018. 4:30pm. OPERATOR: JPB



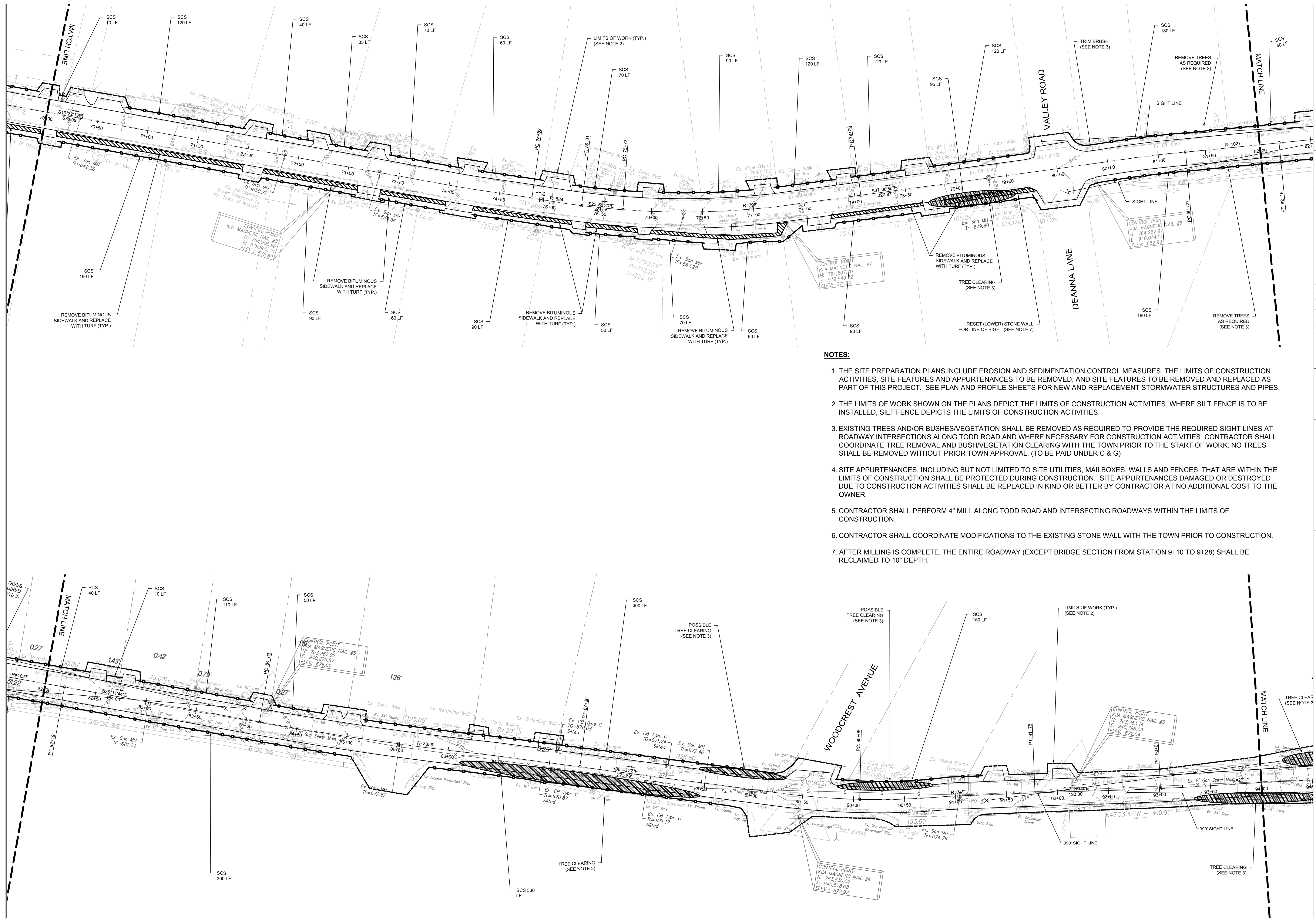
REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER NVCOGCT COMMENTS
2	10/22/2018 REVISED PER NVCOGCT COMMENTS
3	01/23/2018 REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

SITE PREPARATION PLANS STATION 70+00 TO 94+00

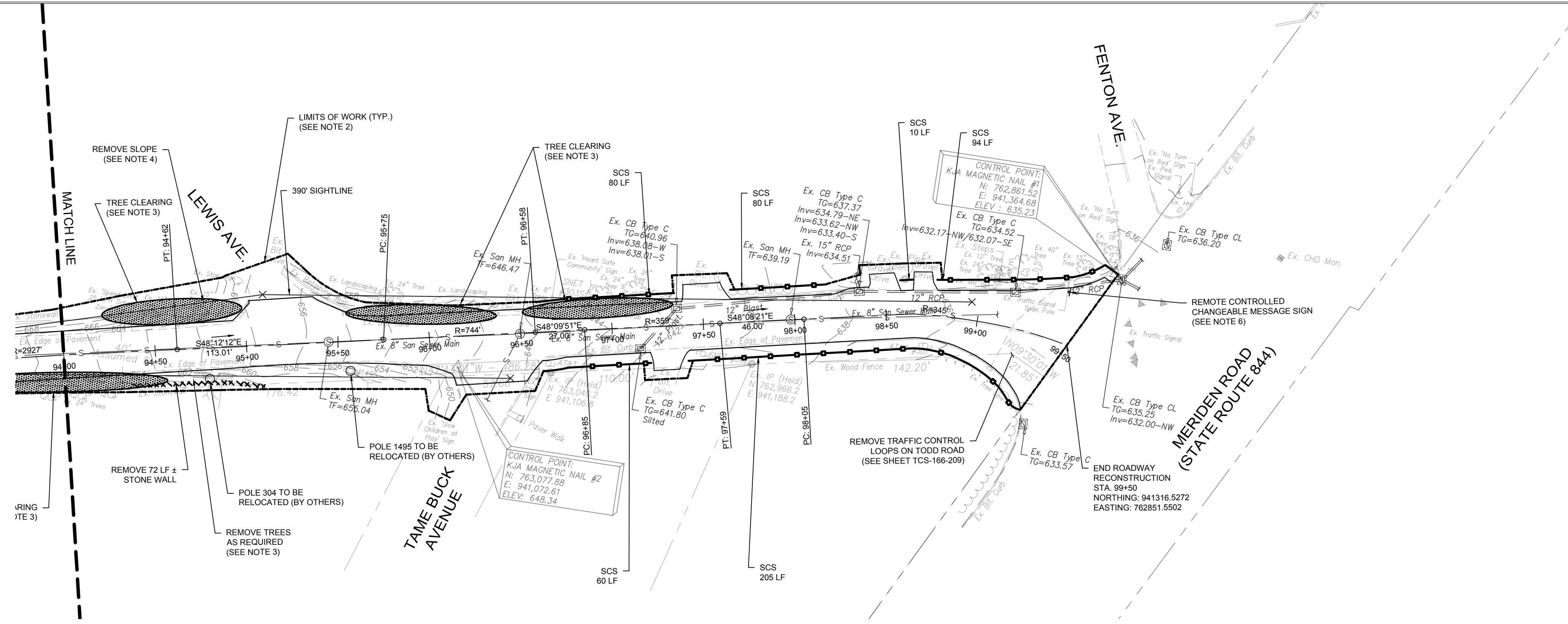
SHEET NO.
CE-04



- NOTES:**
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 5. CONTRACTOR SHALL PERFORM 4" MILL ALONG TODD ROAD AND INTERSECTING ROADWAYS WITHIN THE LIMITS OF CONSTRUCTION.
 6. CONTRACTOR SHALL COORDINATE MODIFICATIONS TO THE EXISTING STONE WALL WITH THE TOWN PRIOR TO CONSTRUCTION.
 7. AFTER MILLING IS COMPLETE, THE ENTIRE ROADWAY (EXCEPT BRIDGE SECTION FROM STATION 9+10 TO 9+28) SHALL BE RECLAIMED TO 10" DEPTH.

DRAWING NAME: WOLCOTT - TOWN OF WOLCOTT - TODD ROAD IMPROVEMENTS (PLAN STATIONS 70+00 TO 94+00) DATE: 05/11/2018 10:40 AM OPERATOR: JPB

DRAWING NAME: \\WOLCOTT-TOWNOF-WOLCOTT\TODDROAD\PUBLIC\COMPLEX\WOLCOTT\CD\Road\Prop\Drawing\Sheet.dwg LAYOUT: C:\G:\SITE PREPARATION\PLAN\STATIONS\4400 TO 99+00 PLOT DATE: 06-11-2019 4:10pm OPERATOR: JPBK



NOTES:

1. THE SITE PREPARATION PLANS INCLUDE EROSION AND SEDIMENTATION CONTROL MEASURES, THE LIMITS OF CONSTRUCTION ACTIVITIES, SITE FEATURES AND APPURTENANCES TO BE REMOVED, AND SITE FEATURES TO BE REMOVED AND REPLACED AS PART OF THIS PROJECT. SEE PLAN AND PROFILE SHEETS FOR NEW AND REPLACEMENT STORMWATER STRUCTURES AND PIPES.
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5. CONTRACTOR SHALL PERFORM 4" MILL ALONG TODD ROAD AND INTERSECTING ROADWAYS WITHIN THE LIMITS OF CONSTRUCTION.
6. LOCATION OF TEMPORARY SOLAR MESSAGING SIGN IS APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FINAL LOCATION AND START/END DATE FOR THE TEMPORARY SOLAR MESSAGING SIGN WITH THE TOWN.
7. AFTER MILLING IS COMPLETE, THE ENTIRE ROADWAY (EXCEPT BRIDGE SECTION FROM STATION 9+10 TO 9+28) SHALL BE RECLAIMED TO 10" DEPTH.



REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER NVCOCGT COMMENTS
2	10/22/2018 REVISED PER NVCOCGT COMMENTS
3	01/23/2019 REVISED PER CT DOT COMMENTS
4	02/11/2019 REVISED PER CT DOT COMMENTS

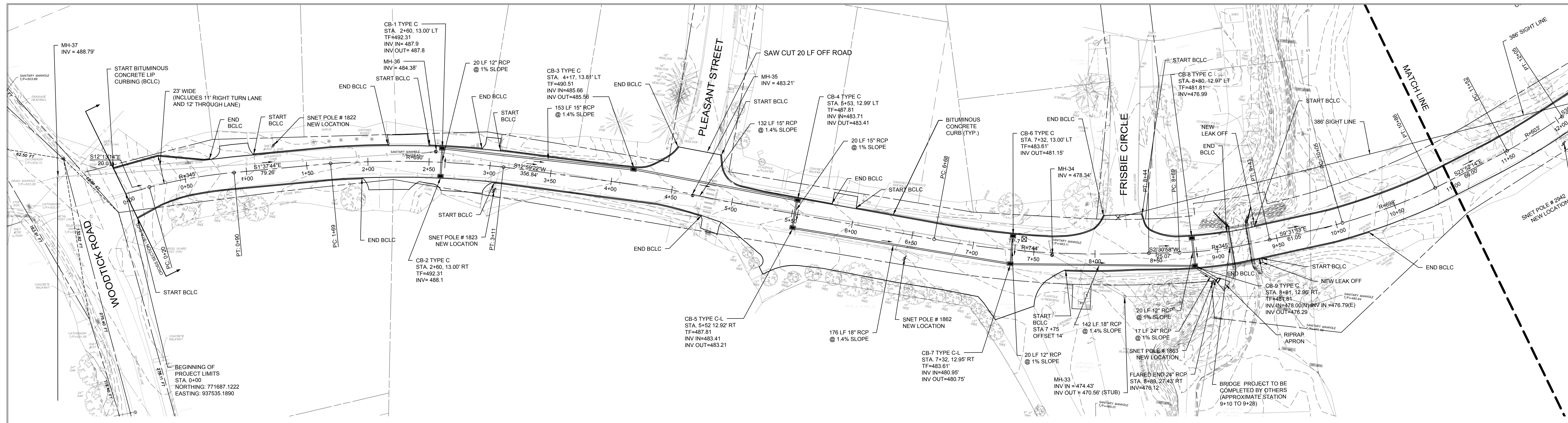
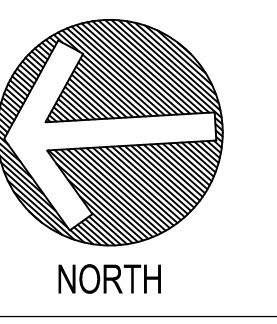
DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

**SITE PREPARATION
 PLANS STATION
 94+00 TO 99+50**

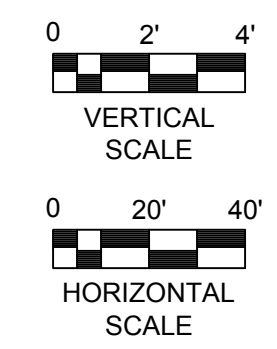
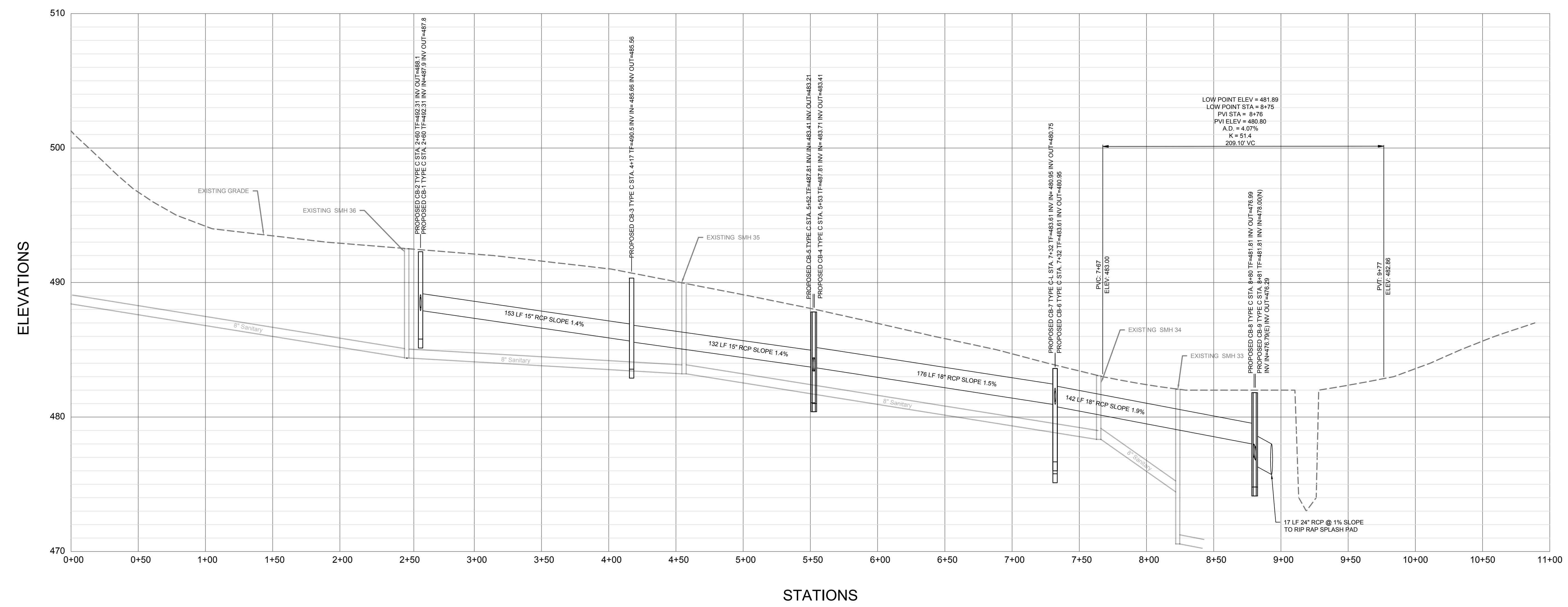
SHEET NO.
CE-05

P.E. SEAL



REVISIONS		NO.	DATE	DESCRIPTION
1	09/20/2018	1	09/20/2018	REVISED PER NVCOCGT COMMENTS
2	01/23/2019	2	01/23/2019	REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

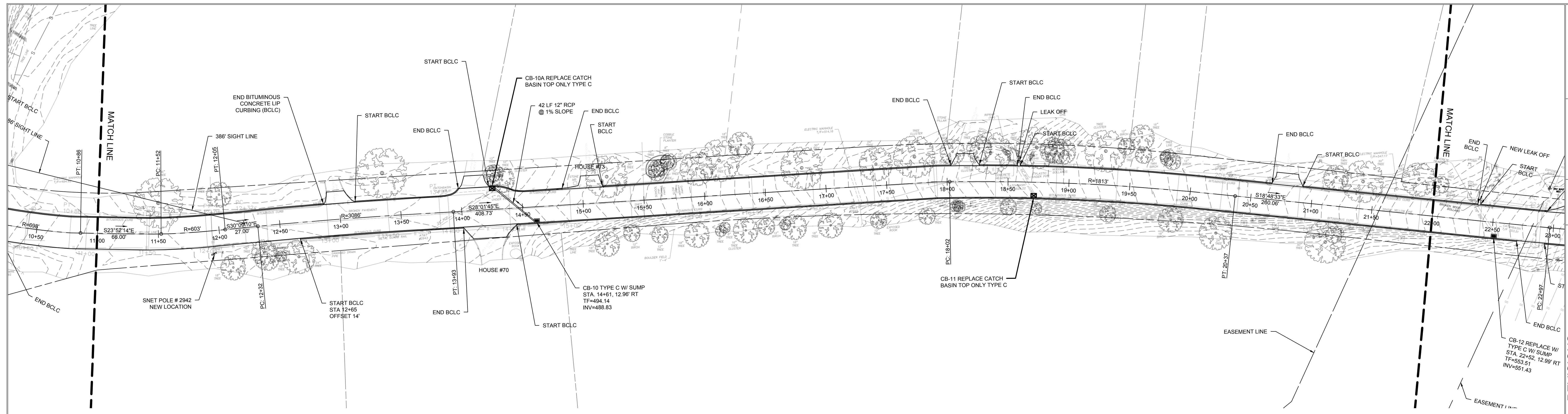
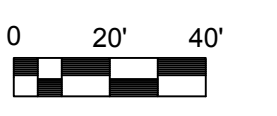
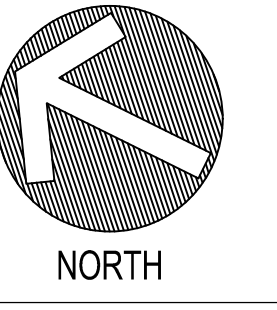


TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

PLAN & PROFILE
 STATION 0+00 TO
 11+00

SHEET NO.
CP-01

DRAWING NAME: \\WOLCOTT-TOWNSHIP-WOLCOTT\TODDROAD\PUBLIC\COMPLEX\WOLCOTT\WOLCOTT\Drawings\2022\CP-01.dwg; LAYOUT: CP-01.PLAN; PROJECT: STATION 0+00 TO 11+00; PLOT DATE: 04-11-2018 10:45am; OPERATOR: JHR



REVISIONS		
NO.	DATE	DESCRIPTION
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2	01/23/2019	REVISED PER CT DOT COMMENTS

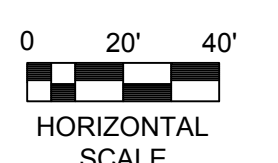
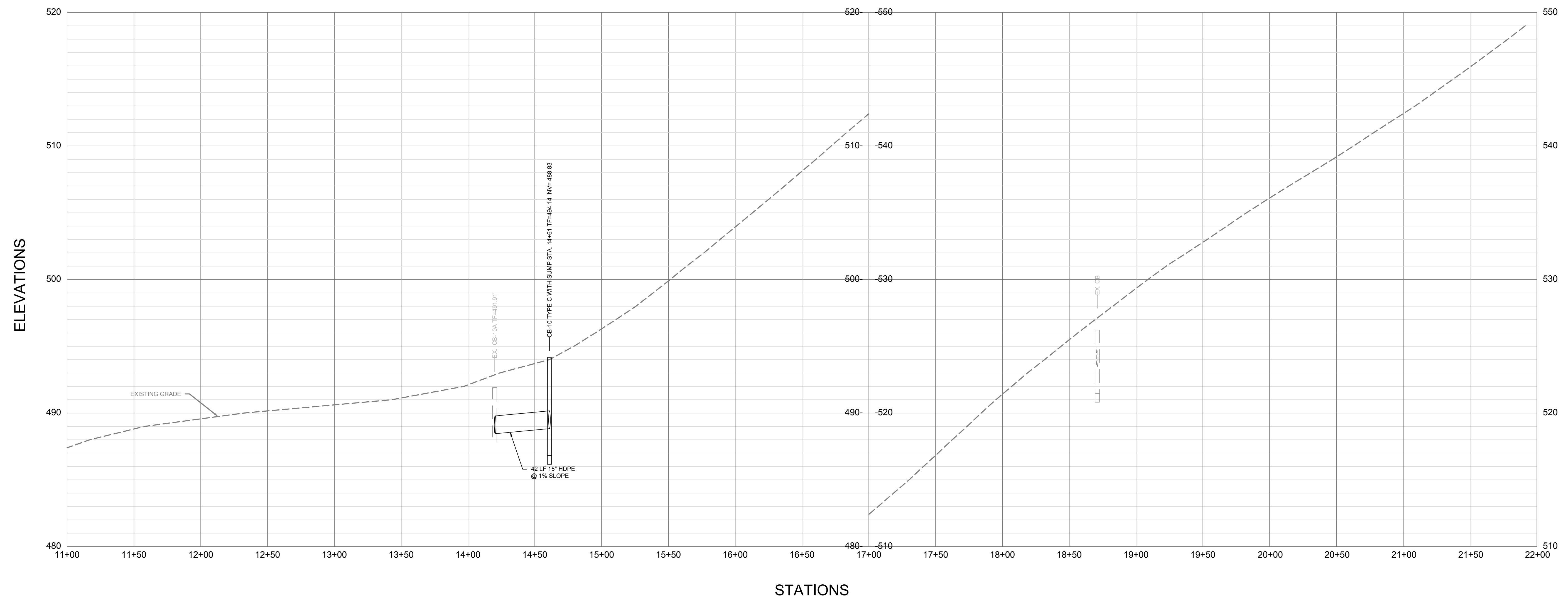
DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

P.E. SEAL

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

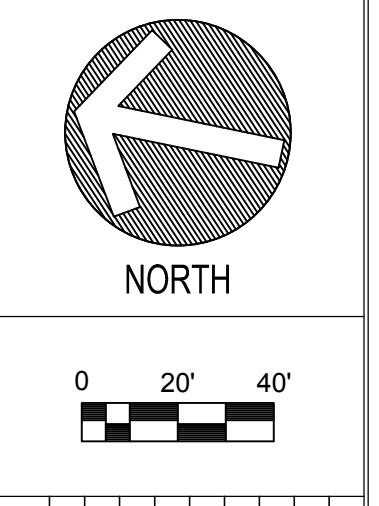
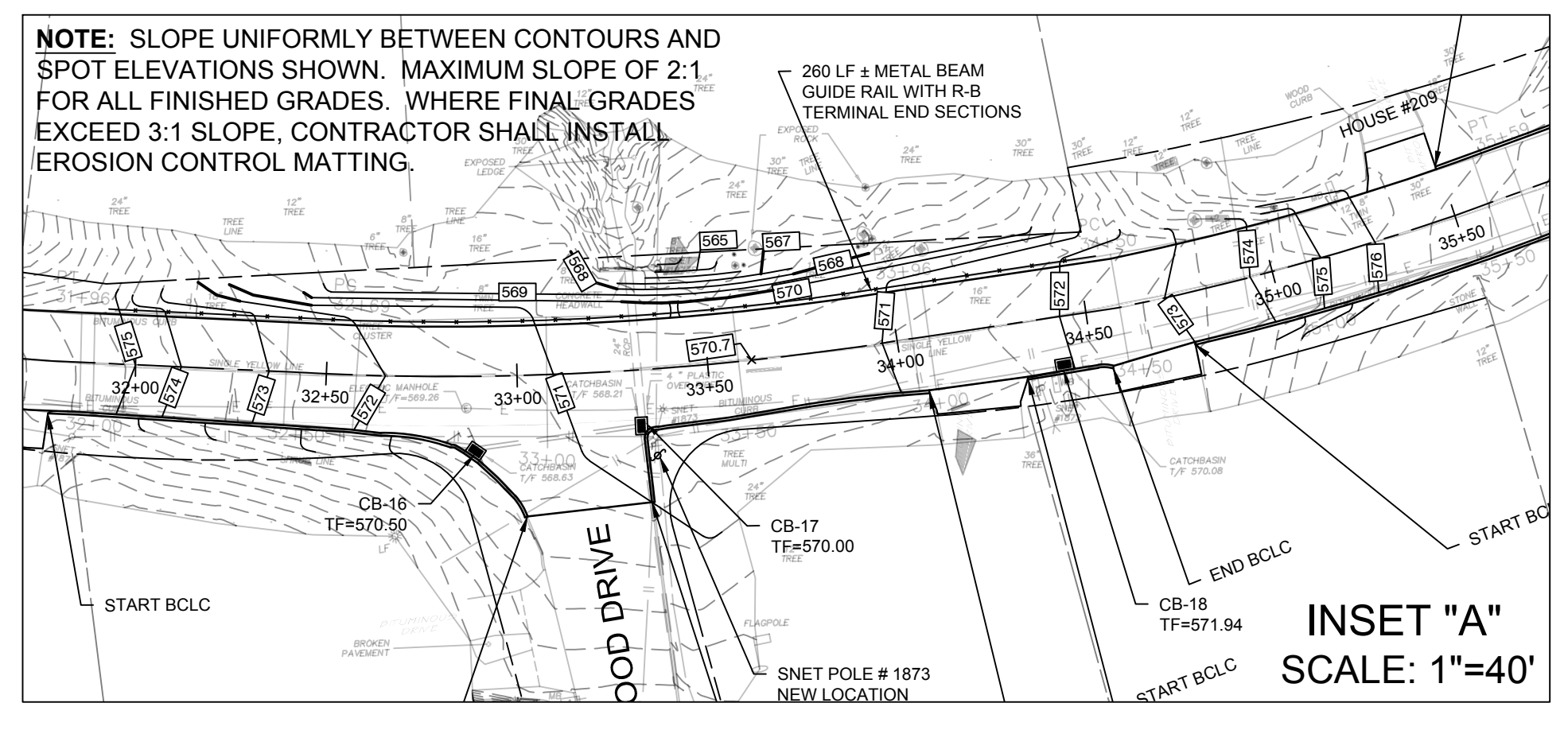
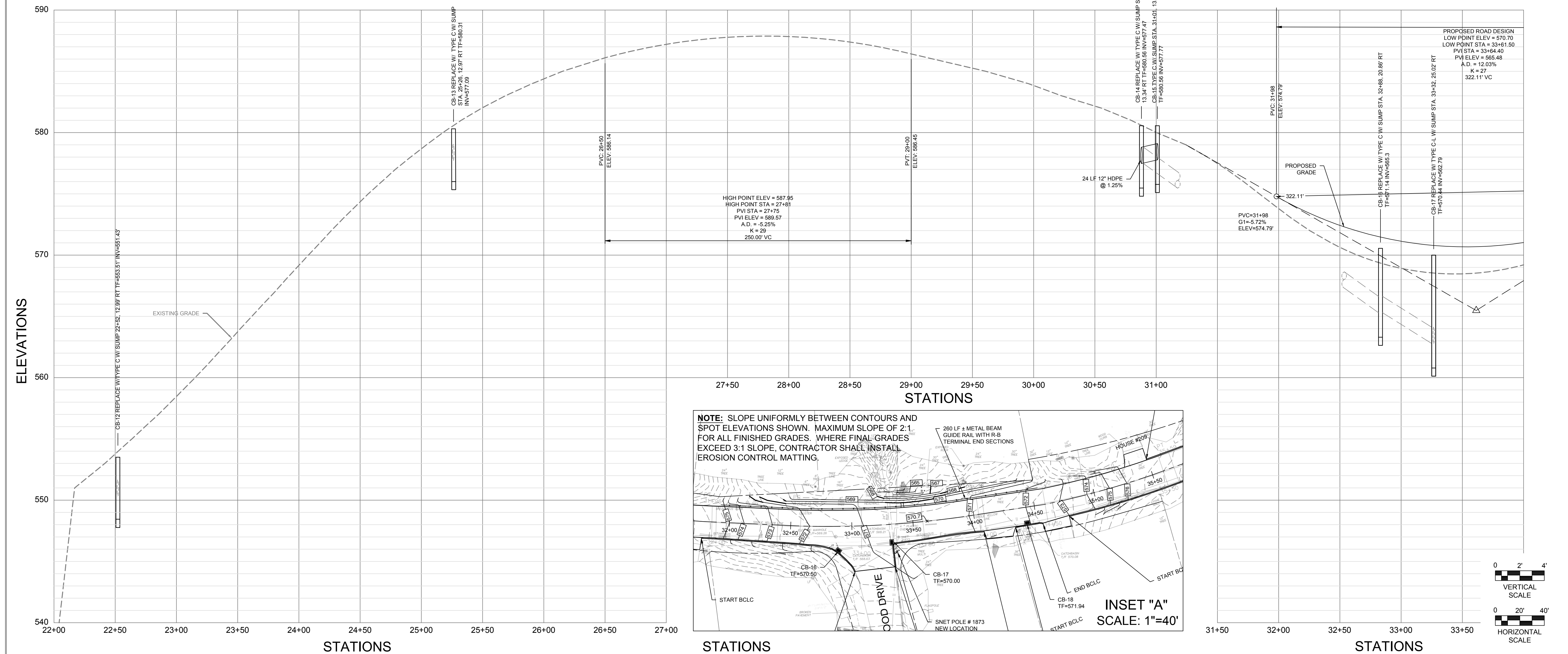
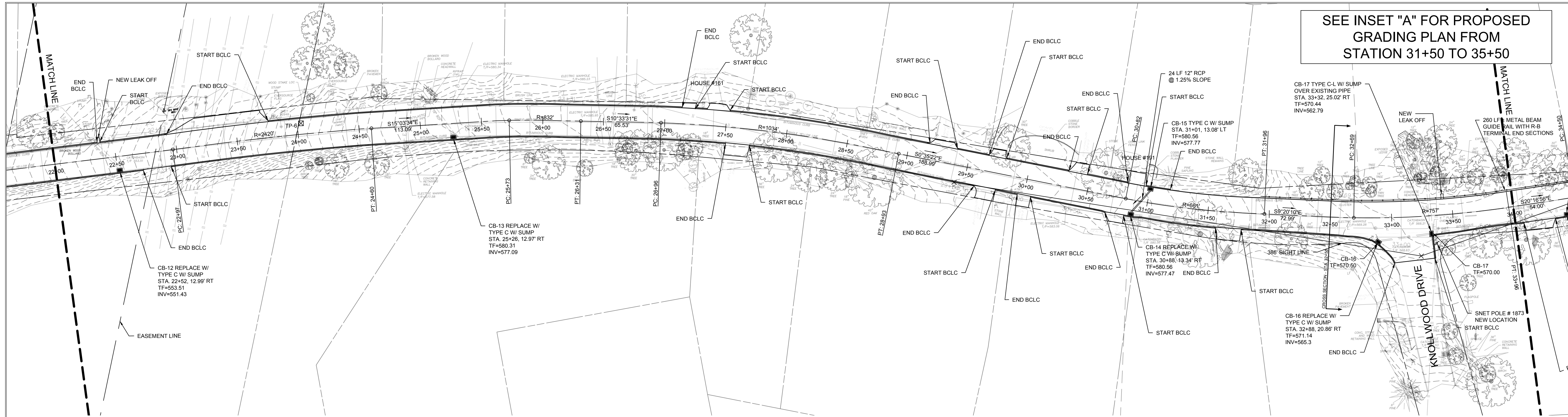
PLAN & PROFILE
 STATION 11+00 TO
 22+00

SHEET NO.
CP-02



DRAWING NAME: \\WOLCOTT-TOWNSHIP-WOLCOTT\TODDROAD\PUBLIC\CONCRETE\WOLCOTT\WOLCOTT\Drawings\2022\CP-02.dwg LAYOUT: C:\GCP\PLANS\PROFILE\STATIONS\11+00_22+00_PLOT.DWG DATE: 04-11-2018 10:44am OPERATOR: JPK

DRAWING NAME: \\WOLCOTT-TOWNSHIP-WOLCOTT-TODDROAD-IMPROVEMENTS-PUBLIC-COMPLEX\WOLCOTT-TODDROAD-IMPROVEMENTS-PLAN-1.DWG; DATE: 05/11/2018 10:40:00; PLOT DATE: 05/11/2018 10:40:00; USER: JACOB.BURKE

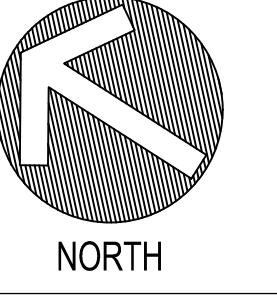


REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER INVOCGT COMMENTS
2	01/23/2019 REVISED PER CT DOT COMMENTS

DESIGNED BY:	MCP	SCALE:	1" = 40'
DRAWN BY:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED BY:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED BY:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
TODD ROAD
WOLCOTT, CONNECTICUT

PLAN & PROFILE
STATION 22+00 TO
34+00
SHEET NO.
CP-03



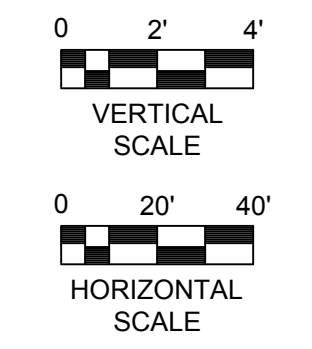
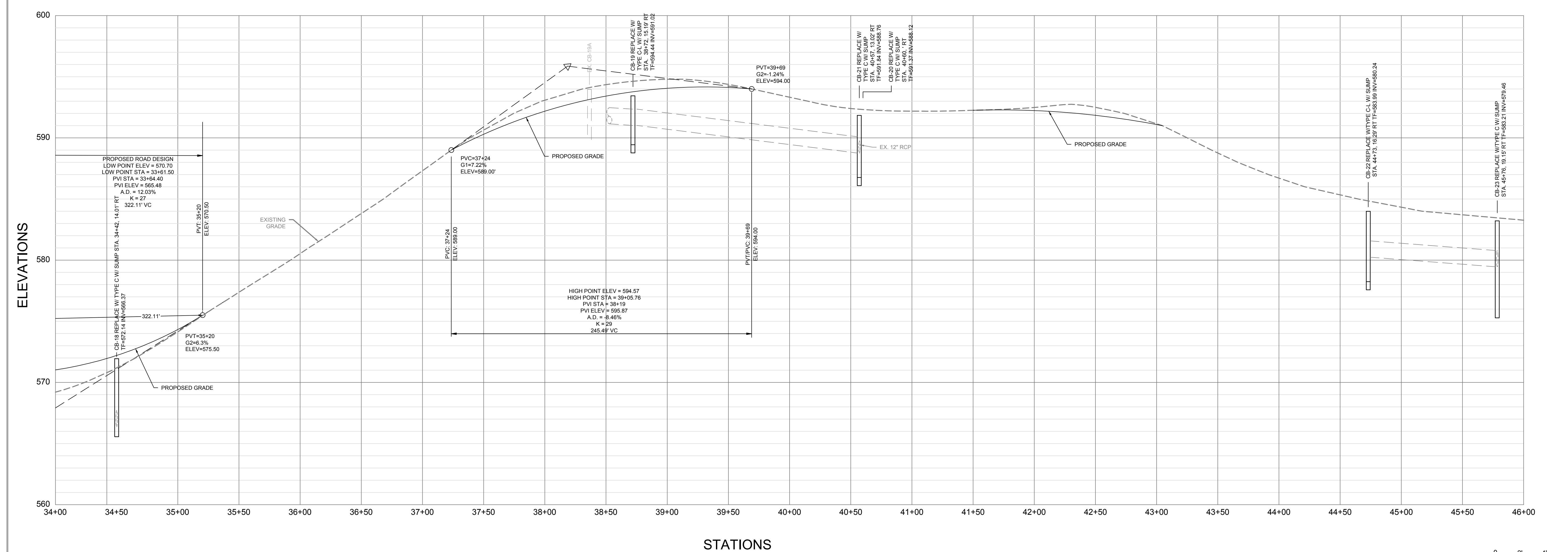
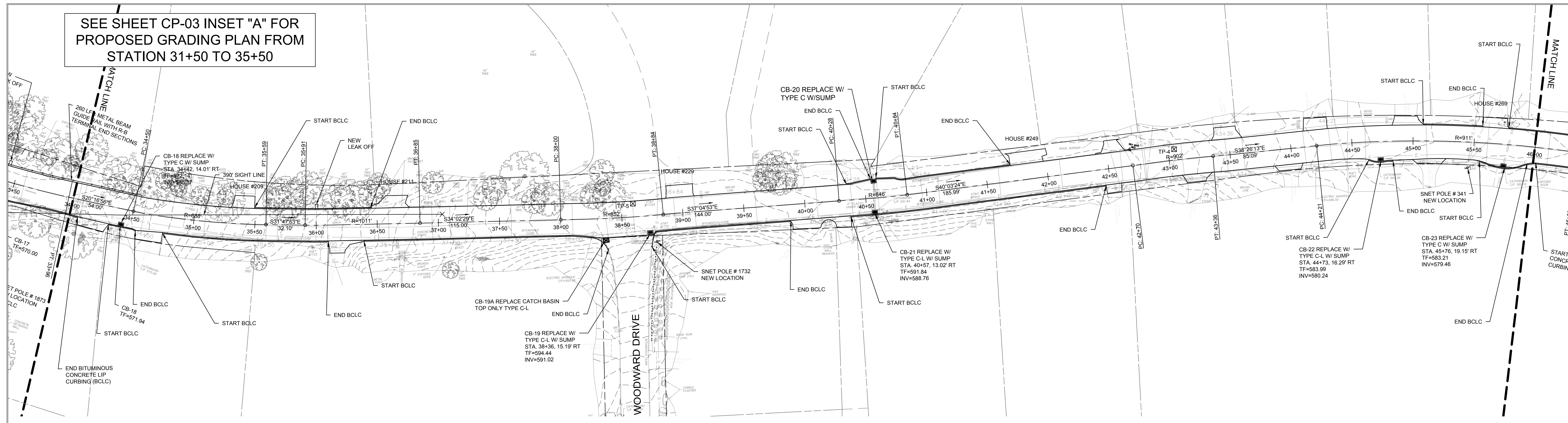
REVISIONS		
NO.	DATE	DESCRIPTION
1	09/20/2018	REVISED PER INV/COGT COMMENTS
2	01/23/2019	REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

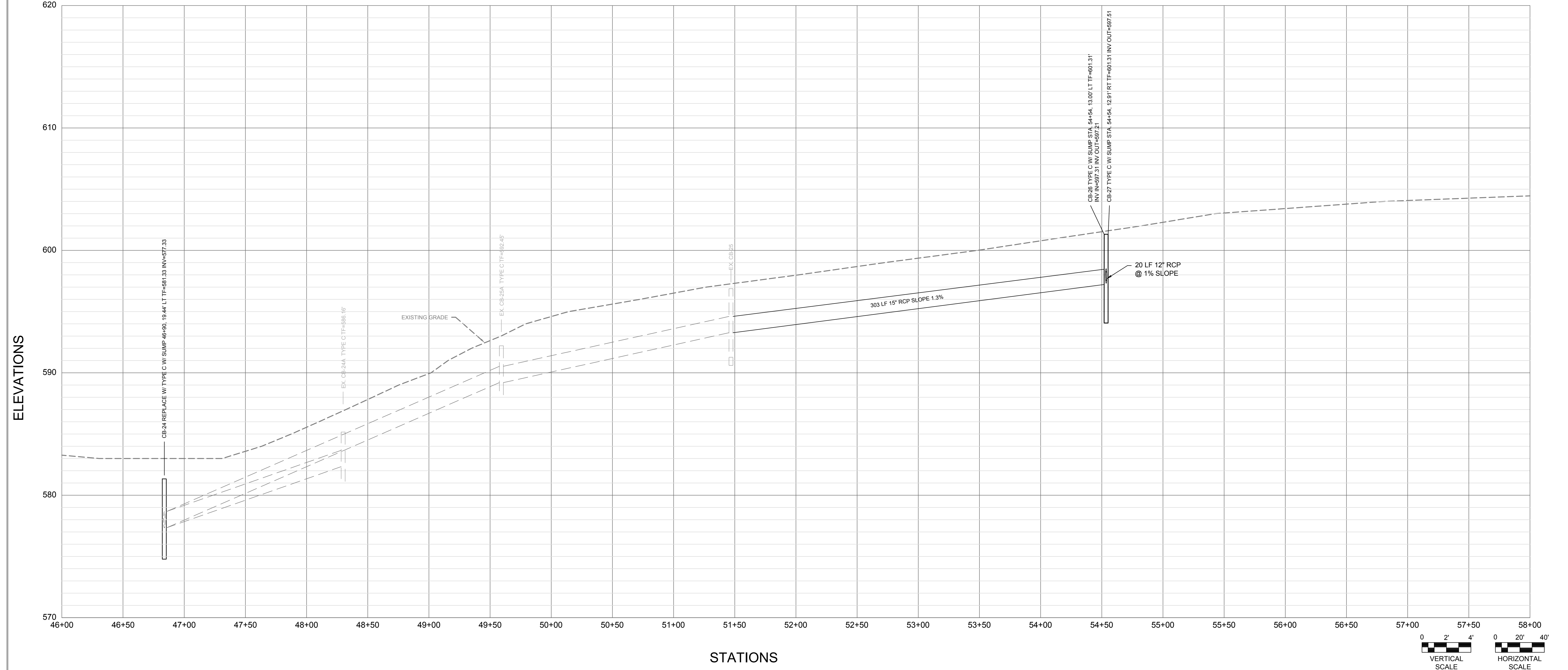
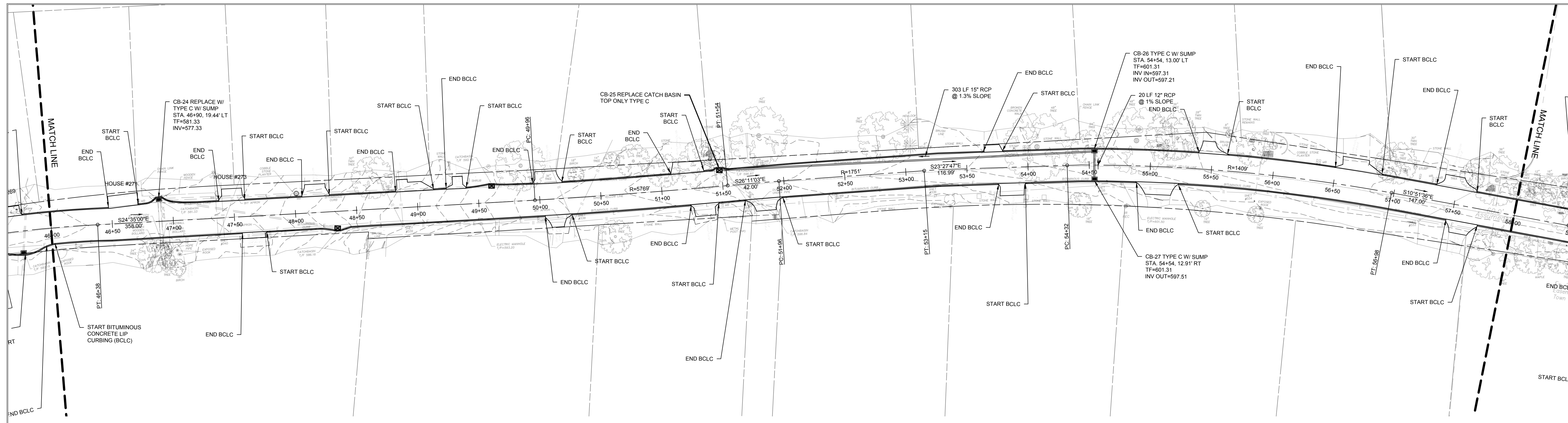
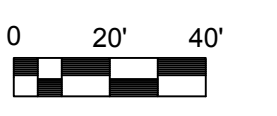
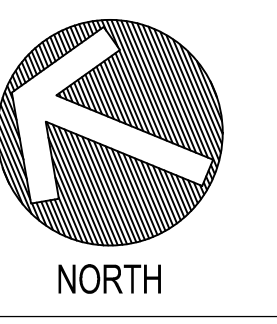
TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

PLAN & PROFILE
 STATION 34+00 TO
 46+00

SHEET NO.
CP-04



DRAWING NAME: J:\WORK\CT - TOWNS OF WOLCOTT\TODD ROAD IMPROVEMENTS\WOLCOTT\CP-04\PLAN & PROFILE\STATION 34+00 TO 46+00.PLOT DATE: 06.11.2018 10:46am OPERATOR: JPB



REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER NVCOCGT COMMENTS
2	01/23/2019 REVISED PER CT DOT COMMENTS

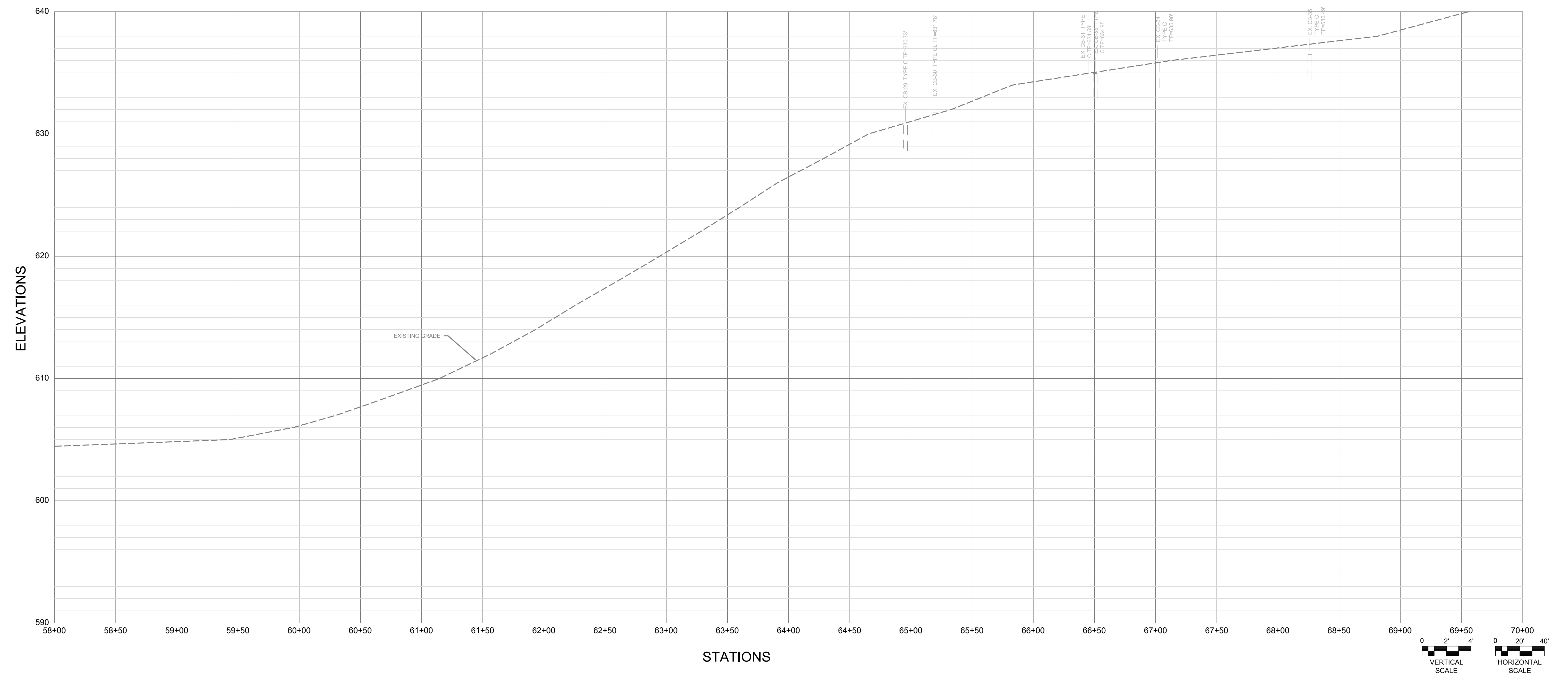
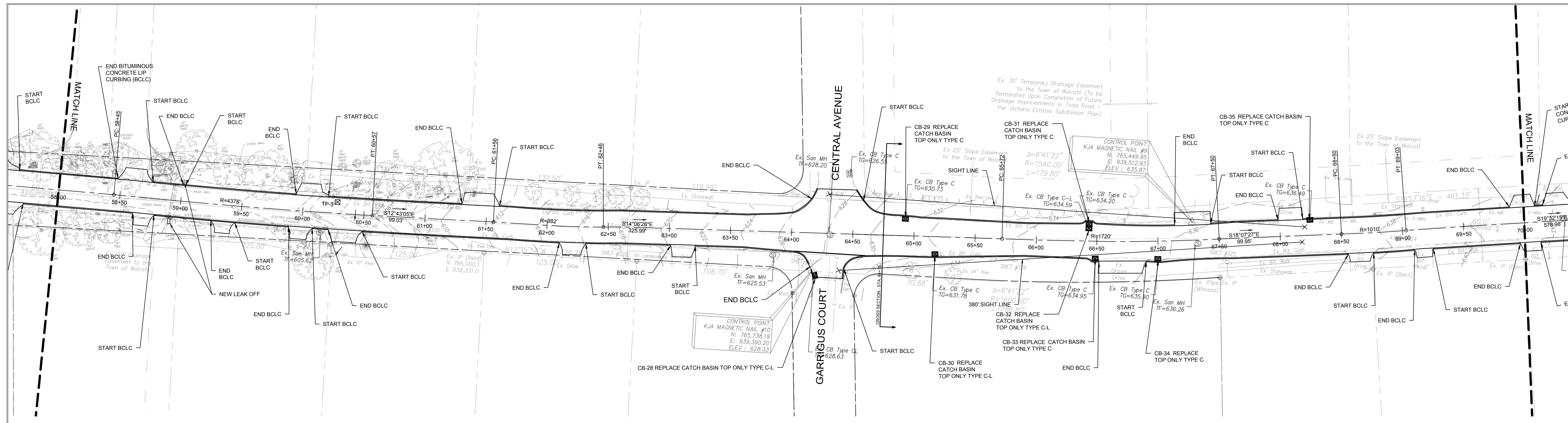
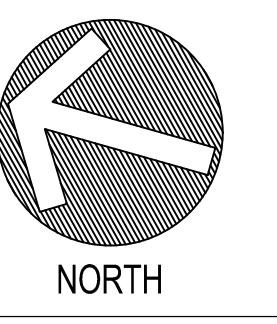
DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022_CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

PLAN & PROFILE
 STATION 46+00 TO
 58+00

SHEET NO.
CP-05

DRAWING NAME: \\WOLCOTT-TOWNSHIP-WOLCOTT\TODDROAD\PUBLIC\CONCRETE\WOLCOTT\CP-05.dwg LAYOUT: CP-05.dwg AND/OR REVISIONS: 46+00 - 58+00 PLOT DATE: 05.11.2018 10:44:46am OPERATOR: JDR



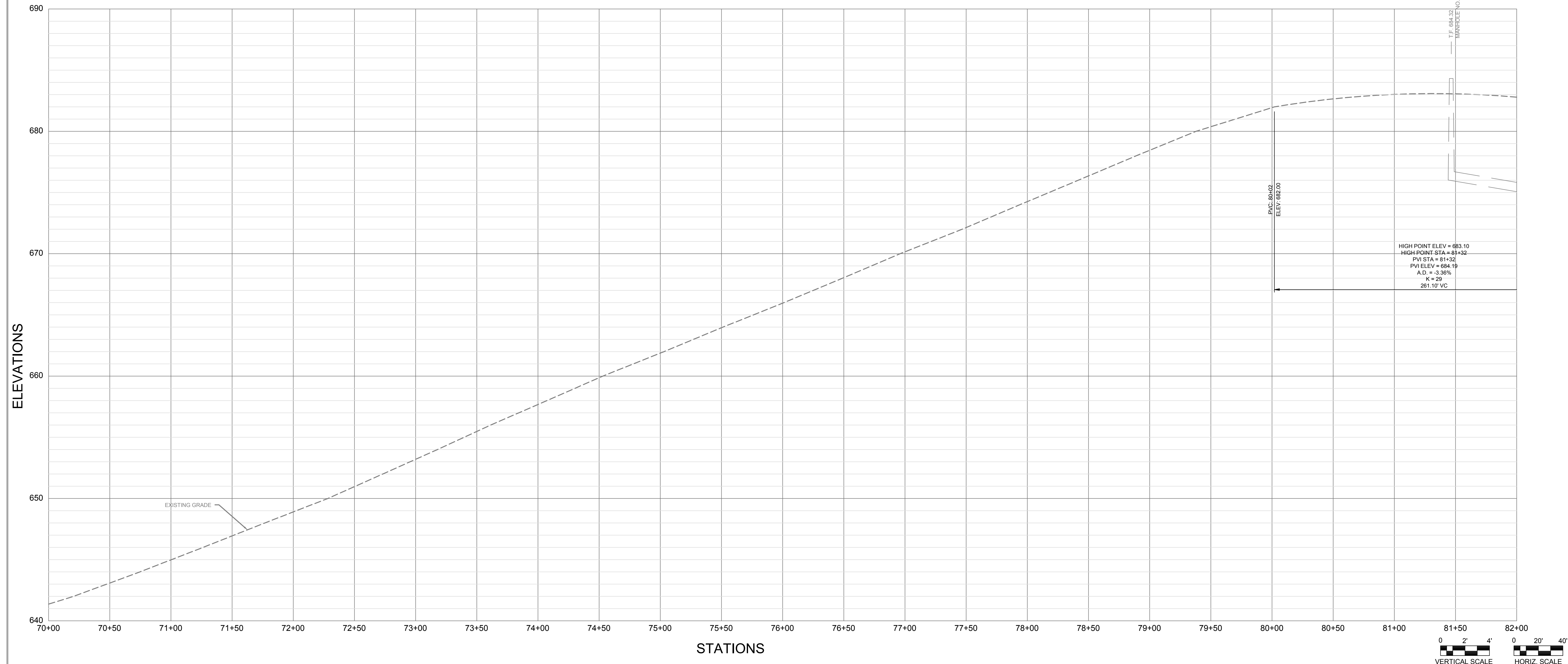
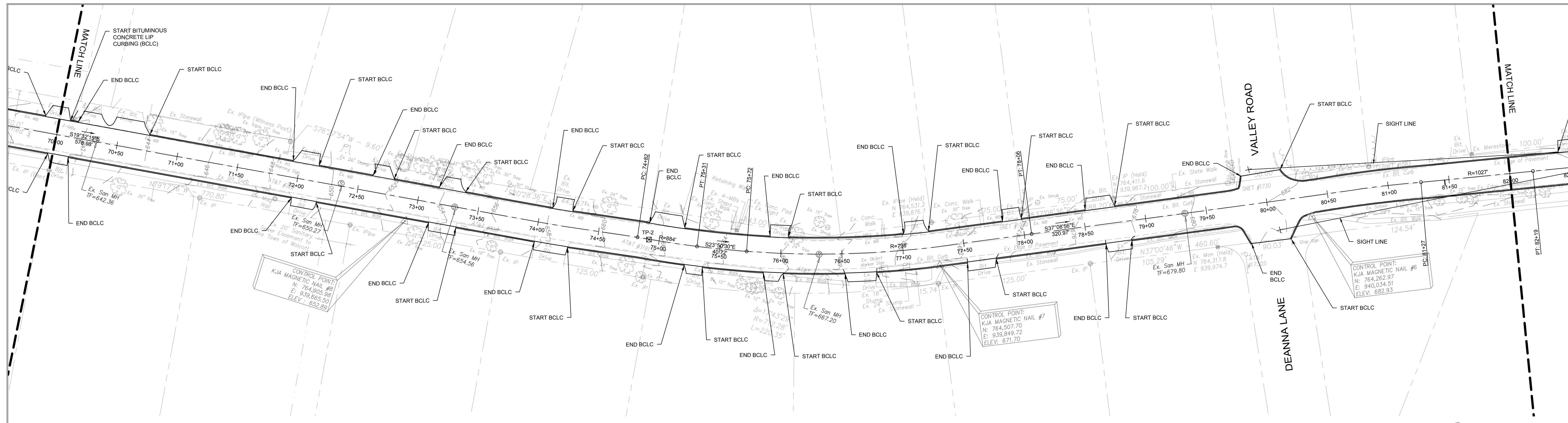
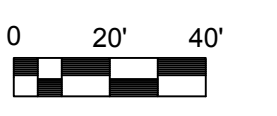
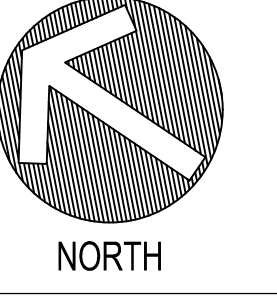
REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER INVOICED COMMENTS
2	01/23/2019 REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

PLAN & PROFILE
 STATION 58+00 TO
 70+00
 SHEET NO.
CP-06

DRAWING(S) NAME: \\WOLCOTT-TOWNOF-WOLCOTT\TODDROAD\PUBLIC\COMPLEX\WOLCOTT\CP-06\PLAN\PROFILES\STATS\58+00_70+00_P&P.ctb DATE: 04-11-2018 10:44am OPERATOR: JPK



REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER NVCOCGT COMMENTS
2	01/23/2019 REVISED PER CT DOT COMMENTS

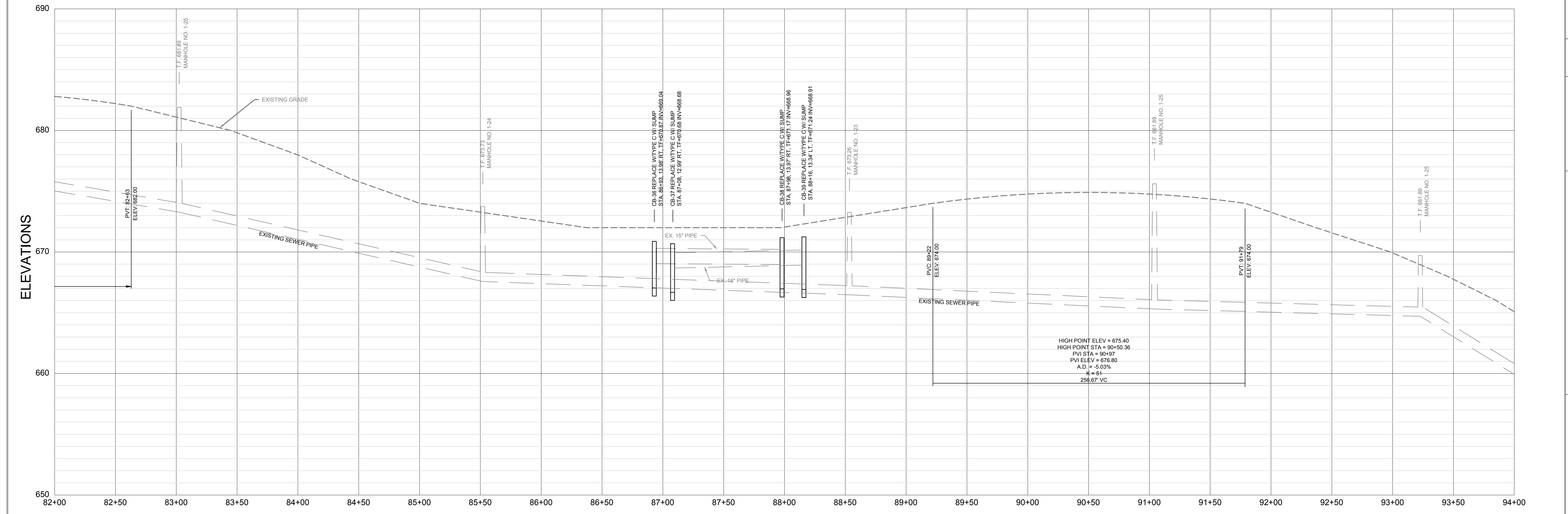
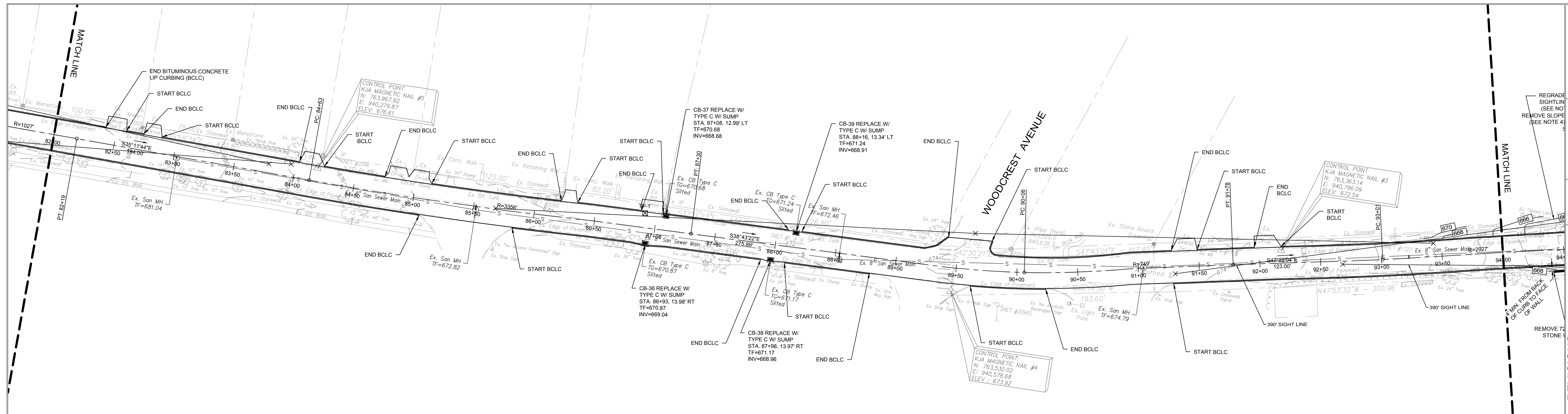
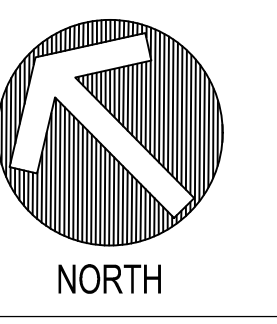
DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022_CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

PLAN & PROFILE
 STATION 70+00 TO
 82+00

SHEET NO.
CP-07

DRAWING NAME: \\WOLCOTT-TOWNSHIP-WOLCOTT\TODDROAD\PUBLIC\CONTRACTS\WOLCOTT\Drawings\2022\CP-07.dwg LAYOUT: C:\PROGRAMS\PLANNING\PROJECTS\2022\CP-07.dwg PLOT DATE: 04-11-2024 10:44am OPERATOR: JPB



REVISIONS		
NO.	DATE	DESCRIPTION
1	09/20/2018	REVISED PER INVOGCT COMMENTS
2	01/23/2019	REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24" x 36"

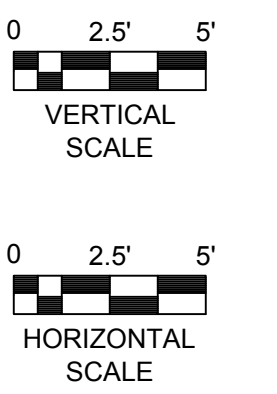
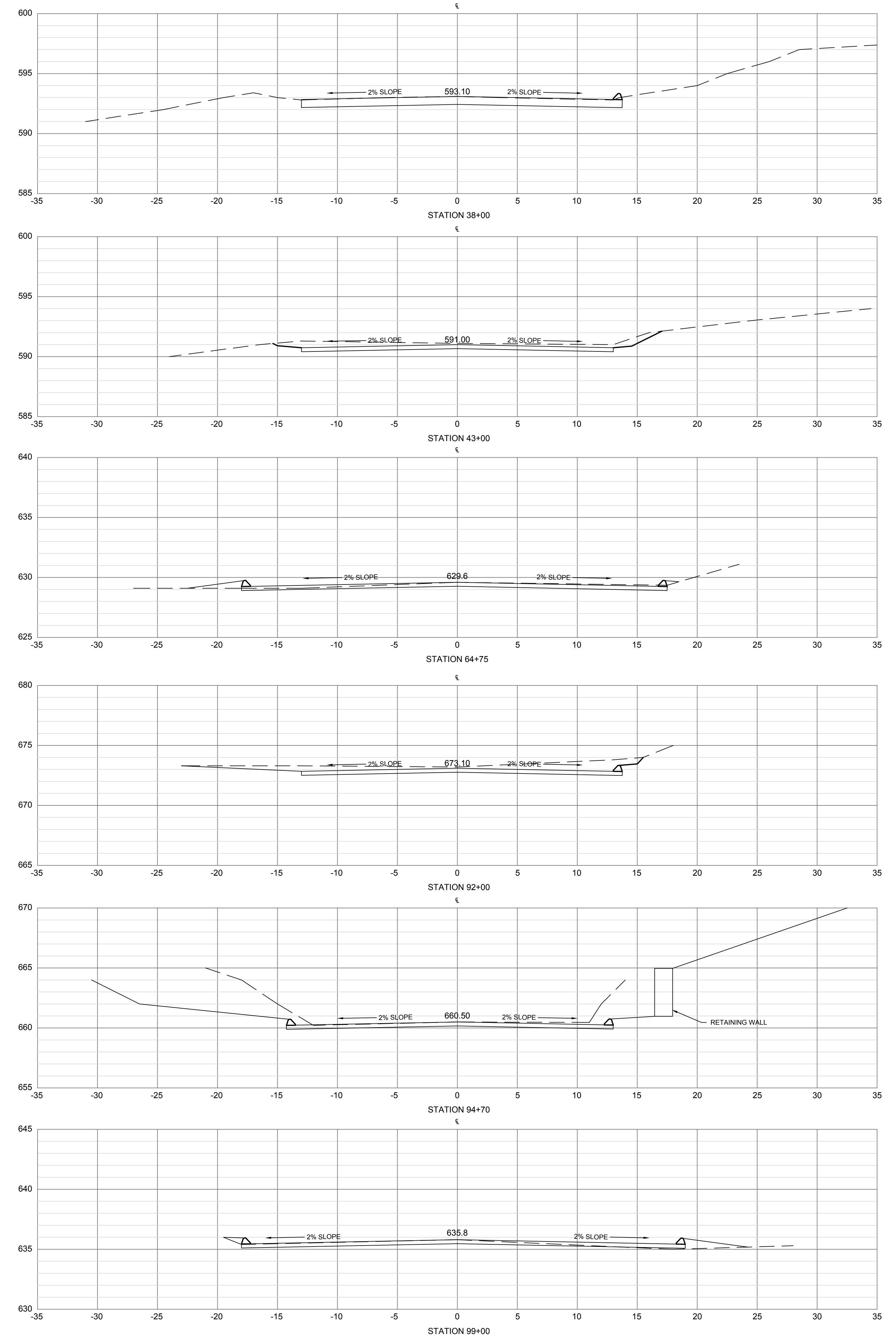
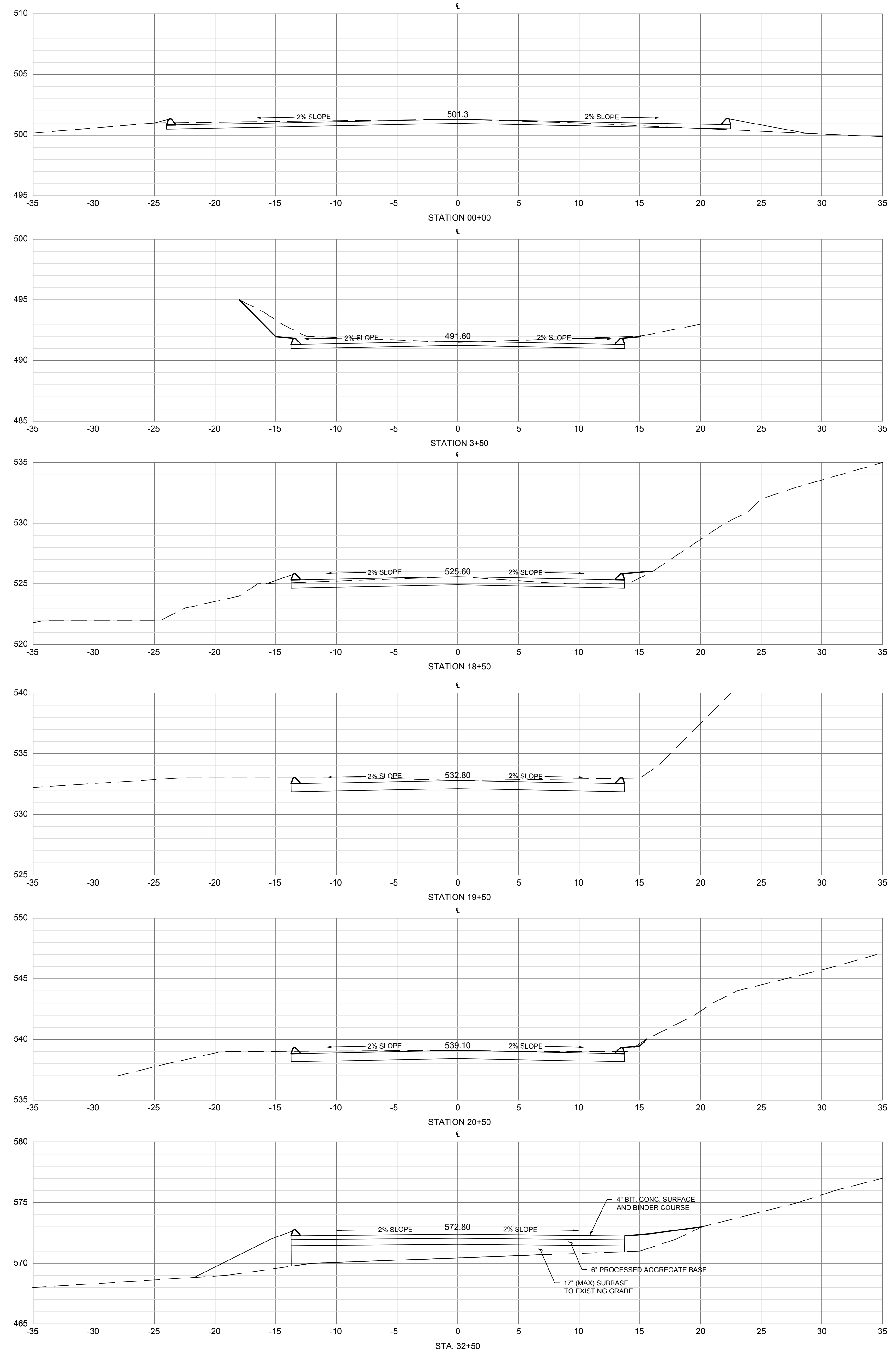
TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

PLAN & PROFILE
 STATION 82+00 TO
 94+00

SHEET NO.
CP-08

DRAWING NAME: \\WOLCOTT-TOWNSHIP-WALCOTT\TODDROAD\PUBLIC\CONCRETE\WOLCOTT\CP-08\CP-08.dwg LAYOUT: C:\PROGRAMS\PLANS\PROJECTS\STATS\2018_44100_LAYOUT\2018_44100.dwg OPERATOR: JPB

DRAWING NAME: TOWN OF WOLCOTT, TOWN ROAD IMPROVEMENTS PUBLIC CONSTRUCTION; SHEET DATE: 06.11.2018; 4:30pm; OPERATOR: JPBK

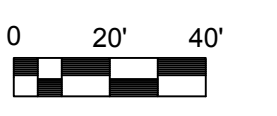
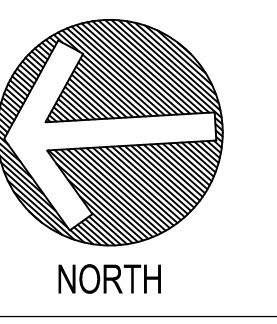


DESIGNED:		SCALE: V 1" = 5'		H 1" = 5'	
MCP					
DRAWN:		NO.		DESCRIPTION	
BOB/JAS		1	09/07/2018	REVISED PER NVCOGCT COMMENTS	
		2	10/22/2018	REVISED PER NVCOGCT COMMENTS	
REVIEWED:		ISSUE DATE:		PROJECT NUMBER:	
MCP		05/11/2018		WOL2022.CE	
APPROVED:		SHEET SIZE:		24"x36"	
MCP					

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

CROSS SECTIONS
 SHEET NO.
CX-01

P.E. SEAL



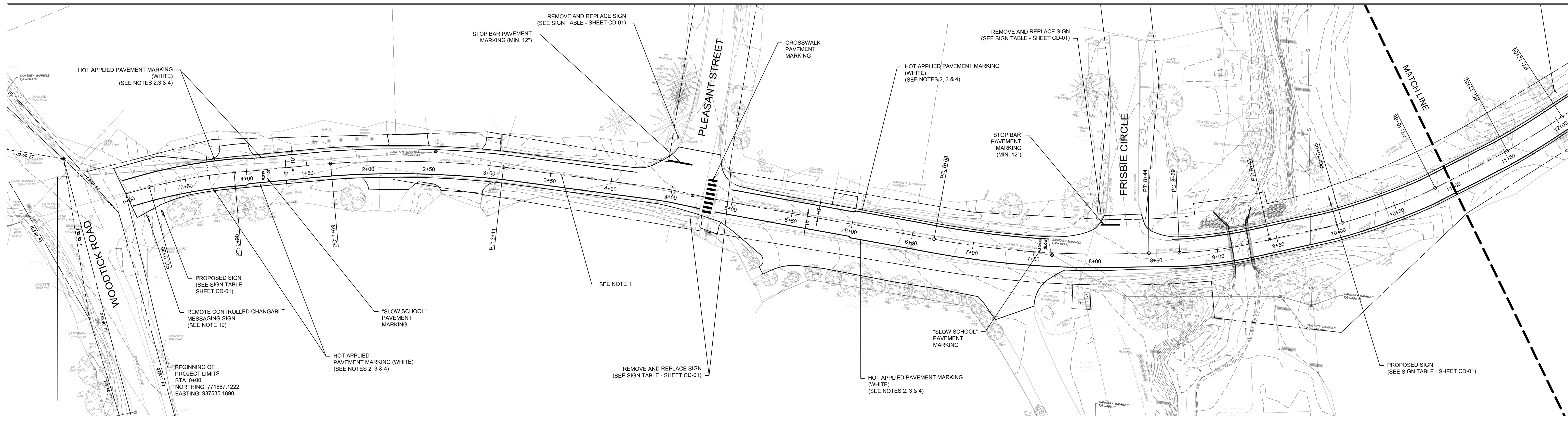
DESIGNED:		SCALE:
MCP	MCP	1" = 40'
DRAWN:		ISSUE DATE:
BOB/JAS	BOB/JAS	05/11/2018
REVIEWED:		PROJECT NUMBER:
MCP	MCP	WOL2022.CE
APPROVED:		SHEET SIZE:
MCP	MCP	24"x36"

REVISIONS	
NO.	DESCRIPTION
1	09/20/2018
2	01/23/2019
3	02/11/2019

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

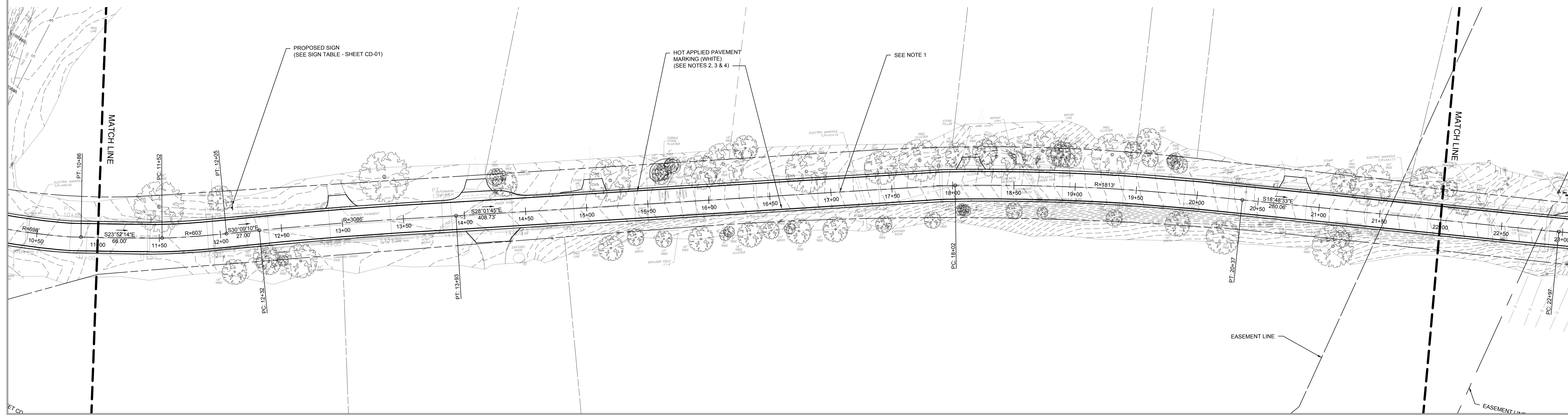
SIGNAGE AND PAVEMENT MARKING PLAN
 STATION 00+00 TO 22+00

SHEET NO.
CM-01

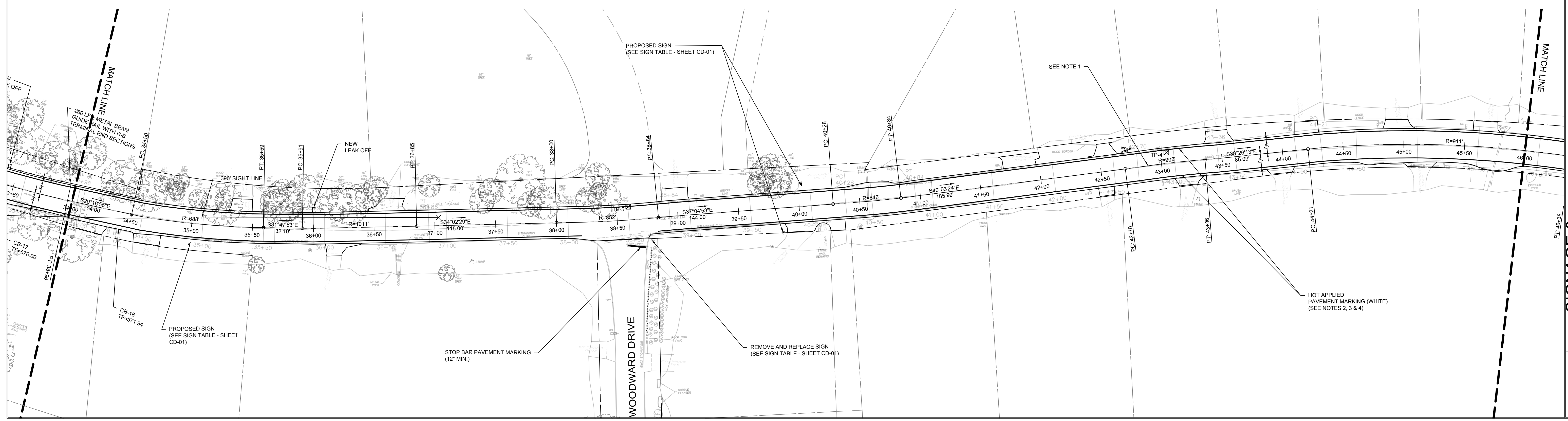
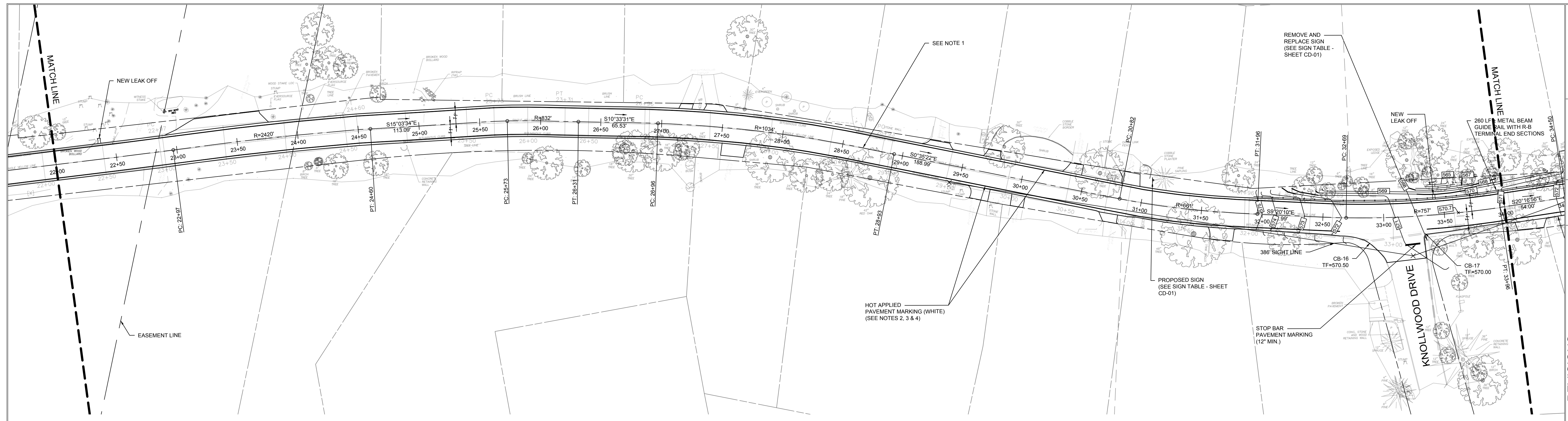
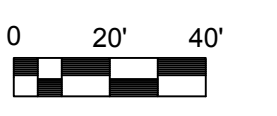
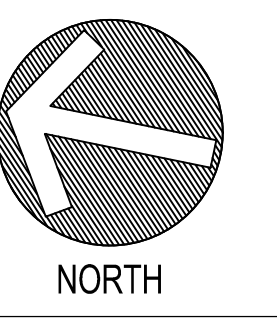


NOTES:

- CONTRACTOR SHALL INSTALL DOUBLE YELLOW CENTERLINE PAVEMENT MARKING ALONG LENGTH OF TODD ROAD (STATION 0+00 TO STATION 99+50). FOR CLARITY, DOUBLE YELLOW HOT APPLIED PAVEMENT MARKING IS NOT SHOWN ON PLAN.
- LANE WIDTH ALONG LENGTH OF TODD ROAD SHALL BE 11' EXCEPT IN SCHOOL ZONES. 11' LANE WIDTH SHALL BE FROM STATION 0+00 TO 1+00, STATION 6+00 TO STATION 82+50 AND STATION 94+50 TO STATION 99+50.
- LANE WIDTH ALONG TODD ROAD IN SCHOOL ZONES SHALL BE 10'. 10' LANE WIDTH SHALL BE FROM STATION 1+00 TO STATION 6+00 AND STATION 82+50 TO STATION 94+50.
- CONTRACTOR SHALL INSTALL EPOXY RESIN PAVEMENT MARKINGS (WHITE) ALONG TODD ROAD TO DEFINE EDGE OF TRAVEL LANES AS SHOWN ON PLAN.



DRAWING NAME: WOLCOTT TOWN OF WOLCOTT TOWN ROAD PUBLIC CONSTRUCTION WOLCOTT, CT (Road Design) Drawing Scale: LAYOUT (SCALE: SIGNAGE AND PAVEMENT MARKING) PLAN STATION 00+00 TO 22+00 PLOT DATE: 08.11.2019 4:15pm OPERATOR: JDR



NOTES:

1. CONTRACTOR SHALL INSTALL DOUBLE YELLOW CENTERLINE PAVEMENT MARKING ALONG LENGTH OF TODD ROAD (STATION 0+00 TO STATION 99+00). FOR CLARITY, DOUBLE YELLOW HOT APPLIED PAVEMENT MARKING IS NOT SHOWN ON PLAN.
2. LANE WIDTH ALONG LENGTH OF TODD ROAD SHALL BE 11' EXCEPT IN SCHOOL ZONES. 11' LANE WIDTH SHALL BE FROM STATION 0+00 TO 1+00, STATION 6+00 TO STATION 82+50 AND STATION 94+50 TO STATION 99+50.
3. LANE WIDTH ALONG TODD ROAD IN SCHOOL ZONES SHALL BE 10'. 10' LANE WIDTH SHALL BE FROM STATION 1+00 TO STATION 6+00 AND STATION 82+50 TO STATION 94+50.
4. CONTRACTOR SHALL INSTALL EPOXY RESIN PAVEMENT MARKINGS (WHITE) ALONG TODD ROAD TO DEFINE EDGE OF TRAVEL LANES AS SHOWN ON PLAN.

REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER NVCOCGT COMMENTS
2	01/23/2019 REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022_CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

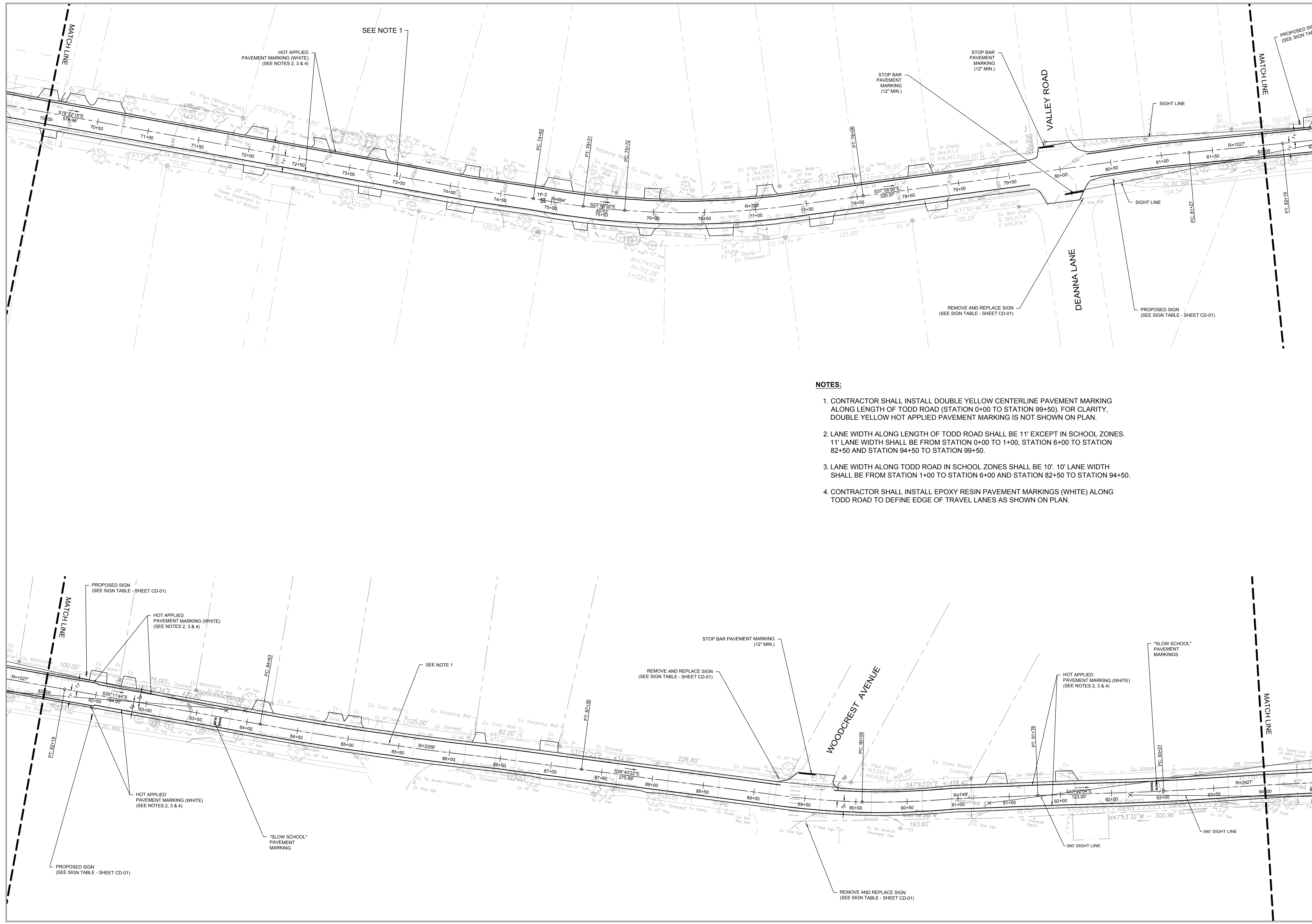
TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

SIGNAGE & PAVEMENT MARKING PLAN
 STATION 22+00 TO 46+00

SHEET NO.
CM-02

DRAWING NAME: WOLCOTT - TOWN OF WOLCOTT, TOWN ROAD PUBLIC CONCRETE/WOOD DRIVE/PAVEMENT MARKING PLAN STATIONS 22+00 TO 46+00. SHEET DATE: 05/11/2018. 40' SCALE. OPERATOR: JDR

DRAWING NAME: TOWN OF WOLCOTT, WOODCREST AVENUE, WOODCREST AVENUE PAVEMENT MARKING PLAN, STATION 70+00 TO 94+00. SHEET DATE: 06/11/2018. 4:00pm. OPERATOR: JDR



NOTES:

- CONTRACTOR SHALL INSTALL DOUBLE YELLOW CENTERLINE PAVEMENT MARKING ALONG LENGTH OF TODD ROAD (STATION 0+00 TO STATION 99+50). FOR CLARITY, DOUBLE YELLOW HOT APPLIED PAVEMENT MARKING IS NOT SHOWN ON PLAN.
- LANE WIDTH ALONG LENGTH OF TODD ROAD SHALL BE 11' EXCEPT IN SCHOOL ZONES. 11' LANE WIDTH SHALL BE FROM STATION 0+00 TO 1+00, STATION 6+00 TO STATION 82+50 AND STATION 94+50 TO STATION 99+50.
- LANE WIDTH ALONG TODD ROAD IN SCHOOL ZONES SHALL BE 10'. 10' LANE WIDTH SHALL BE FROM STATION 1+00 TO STATION 6+00 AND STATION 82+50 TO STATION 94+50.
- CONTRACTOR SHALL INSTALL EPOXY RESIN PAVEMENT MARKINGS (WHITE) ALONG TODD ROAD TO DEFINE EDGE OF TRAVEL LANES AS SHOWN ON PLAN.

197 SCOTT SWAMP ROAD
FARMINGTON, CT 06032
(860) 674-9570
HRPASSOCIATES.COM

NORTH

REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISION PER NVCOCGT COMMENTS
2	01/23/2019 REVISION PER CT DOT COMMENTS

DESIGNED:	SCALE:	ISSUE DATE:	PROJECT NUMBER:	SHEET SIZE:	P.E. SEAL
MCP	1" = 40'	05/11/2018	WOL2022_CE	24"x36"	
DRAWN:	BOB/JAS	REVIEWED:	MCP	APPROVED:	MCP

TODD ROAD IMPROVEMENTS

TODD ROAD
WOLCOTT, CONNECTICUT

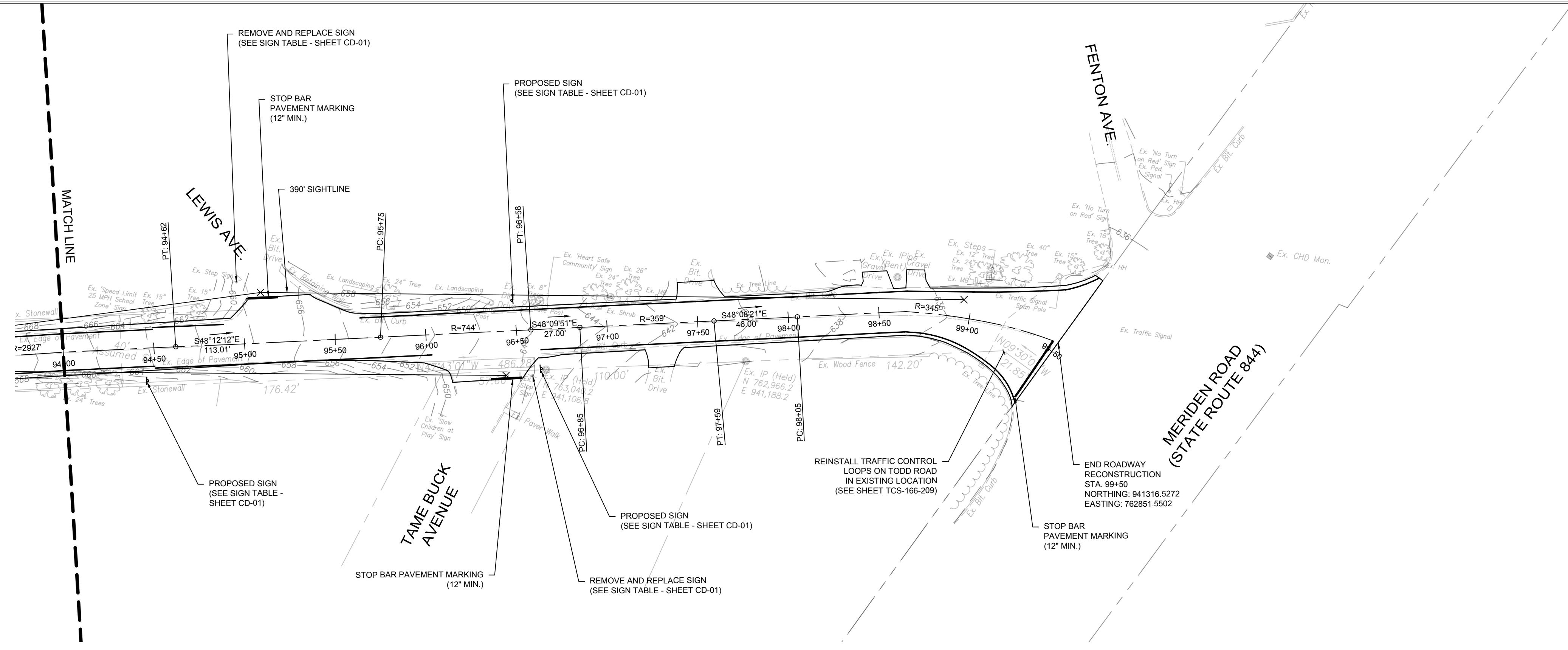
SIGNAGE & PAVEMENT MARKING PLAN

STATION 70+00 TO 94+00

SHEET NO.

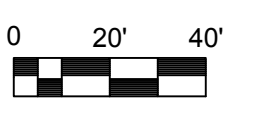
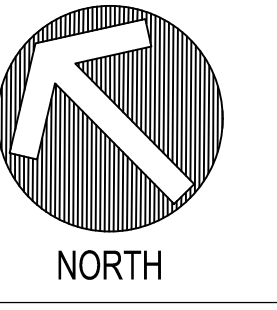
CM-04

DRAWING NAME: \W\WOLCOTT\TODD ROAD IMPROVEMENTS\PUBLIC\CM05\CM05-05.DWG LAYOUT: CM05_SIGNAGE_PAVEMENT MARKING PLANS STATIONS 94+00 TO 99+50 PLOT DATE: 06.11.2018 09:40:50 OPERATOR: JIBK



NOTES:

- CONTRACTOR SHALL INSTALL DOUBLE YELLOW CENTERLINE PAVEMENT MARKING ALONG LENGTH OF TODD ROAD (STATION 0+00 TO STATION 99+50). FOR CLARITY, DOUBLE YELLOW HOT APPLIED PAVEMENT MARKING IS NOT SHOWN ON PLAN.
- LANE WIDTH ALONG LENGTH OF TODD ROAD SHALL BE 11' EXCEPT IN SCHOOL ZONES. 11' LANE WIDTH SHALL BE FROM STATION 0+00 TO 1+00, STATION 6+00 TO STATION 82+50 AND STATION 94+50 TO STATION 99+50.
- LANE WIDTH ALONG TODD ROAD IN SCHOOL ZONES SHALL BE 10'. 10' LANE WIDTH SHALL BE FROM STATION 1+00 TO STATION 6+00 AND STATION 82+50 TO STATION 94+50.
- CONTRACTOR SHALL INSTALL EPOXY RESIN PAVEMENT MARKINGS (WHITE) ALONG TODD ROAD TO DEFINE EDGE OF TRAVEL LANES AS SHOWN ON PLAN.
- TRAFFIC CONTROL LOOPS SIGNALIZATION AS DETERMINED BY CT DOT PROVIDED IN CONTRACT DOCUMENTS.



REVISIONS	
NO.	DESCRIPTION
1	07/31/2018 REVISED PER NVCOCGT COMMENTS
2	01/23/2019 REVISED PER CT DOT COMMENTS
3	02/11/2019 REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
TODD ROAD
WOLCOTT, CONNECTICUT

SIGNAGE & PAVEMENT MARKING PLAN
STATION 94+00 TO 99+50

SHEET NO.
CM-05

P.E. SEAL

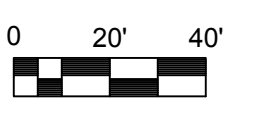
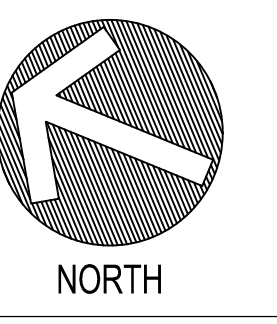
DRAWING NAME: \\WOLCOTT-TOWNSHIP-WOLCOTT-TOWNROAD-PUBLIC-COMPLEX-WOLCOTT-CD-02.dwg LAYOUT: TNSALLEVELEVATIONS - PLOT DATE: 16.11.2019 10:56:00 OPERATOR: JER

Station	Left Curb Elevation (feet)	Distance To Curb (feet)	Crown Elevation (feet)	Distance To Curb (feet)	Right Curb Elevation (feet)
0+00	501.04	13.00	501.30	13.00	501.04
0+50	496.24	18.00	496.60	14.00	496.32
1+00	493.94	13.00	494.20	13.00	493.94
1+50	493.14	13.00	493.40	13.00	493.14
2+00	492.64	13.00	492.90	13.00	492.64
2+50	492.14	13.00	492.40	13.00	492.14
3+00	491.84	13.00	492.10	13.00	491.84
3+50	491.34	13.00	491.60	13.00	491.34
4+00	490.74	13.00	491.00	13.00	490.74
4+50	489.60	20.00	490.00	14.00	489.72
5+00	488.70	15.00	489.00	13.00	488.74
5+50	487.84	13.00	488.10	13.00	487.84
6+00	486.54	13.00	486.80	13.00	486.54
6+50	485.54	13.00	485.80	13.00	485.54
7+00	484.34	13.00	484.60	13.00	484.34
7+50	482.14	13.00	482.40	13.00	482.14
8+00	481.94	23.00	482.40	13.00	482.14
8+50	481.68	16.00	482.00	13.00	481.74
9+00	481.74	13.00	482.00	13.00	481.74
9+50	482.14	13.00	482.40	13.00	482.14
10+00	483.34	13.00	483.60	13.00	483.34
10+50	485.34	13.00	485.60	13.00	485.34
11+00	487.14	13.00	487.40	13.00	487.14
11+50	488.54	13.00	488.80	13.00	488.54
12+00	489.34	13.00	489.60	13.00	489.34
12+50	489.64	13.00	489.90	13.00	489.64
13+00	490.34	13.00	490.60	13.00	490.34
13+50	490.94	13.00	491.20	13.00	490.94
14+00	491.84	13.00	492.10	13.00	491.84
14+50	493.44	13.00	493.70	13.00	493.44
15+00	496.14	13.00	496.40	13.00	496.14
15+50	499.74	13.00	500.00	13.00	499.74
16+00	503.74	13.00	504.00	13.00	503.74
16+50	508.04	13.00	508.30	13.00	508.04
17+00	512.74	13.00	513.00	13.00	512.74
17+50	516.74	13.00	517.00	13.00	516.74
18+00	521.24	13.00	521.50	13.00	521.24
18+50	525.34	13.00	525.60	13.00	525.34
19+00	529.24	13.00	529.50	13.00	529.24
19+50	532.54	13.00	532.80	13.00	532.54
20+00	536.04	13.00	536.30	13.00	536.04
20+50	538.84	13.00	539.10	13.00	538.84
21+00	542.24	13.00	542.50	13.00	542.24
21+50	545.74	13.00	546.00	13.00	545.74
22+00	556.94	13.00	557.20	13.00	556.94
22+50	553.54	13.00	553.80	13.00	553.54
23+00	558.04	13.00	558.30	13.00	558.04
23+50	563.54	13.00	563.80	13.00	563.54
24+00	569.04	13.00	569.30	13.00	569.04
24+50	574.24	13.00	574.50	13.00	574.24

Station	Left Curb Elevation (feet)	Distance To Curb (feet)	Crown Elevation (feet)	Distance To Curb (feet)	Right Curb Elevation (feet)
25+00	578.54	13.00	578.80	13.00	578.54
25+50	581.74	13.00	582.00	13.00	581.74
26+00	584.14	13.00	584.40	13.00	584.14
26+50	585.74	13.00	586.00	13.00	585.74
27+00	586.84	13.00	587.10	13.00	586.84
27+50	587.44	13.00	587.70	13.00	587.44
28+00	587.54	13.00	587.80	13.00	587.54
28+50	587.14	13.00	587.40	13.00	587.14
29+00	586.14	13.00	586.40	13.00	586.14
29+50	585.04	13.00	585.30	13.00	585.04
30+00	583.64	13.00	583.90	13.00	583.64
30+50	581.74	13.00	582.00	13.00	581.74
31+00	579.74	13.00	580.00	13.00	579.74
31+50	577.44	13.00	577.70	13.00	577.44
32+00	574.44	13.00	574.70	13.00	574.44
32+50	572.54	13.00	572.80	13.00	572.54
33+00	570.74	13.00	571.00	13.00	570.74
33+50	570.44	13.00	570.70	13.00	570.44
34+00	570.74	13.00	571.00	13.00	570.74
34+50	571.74	13.00	572.00	14.00	571.72
35+00	574.14	13.00	574.40	13.00	574.14
35+50	577.24	13.00	577.50	13.00	577.24
36+00	580.34	13.00	580.60	13.00	580.34
36+50	583.64	13.00	583.90	13.00	583.64
37+00	587.14	13.00	587.40	13.00	587.14
37+50	590.03	13.00	590.29	13.00	590.03
38+00	591.92	13.00	592.18	13.00	591.92
38+50	593.16	13.00	593.42	13.00	593.16
39+00	593.79	13.00	594.05	13.00	593.79
39+50	593.86	13.00	594.12	13.00	593.86
40+00	591.06	13.00	591.32	13.00	591.06
40+50	592.10	15.00	592.40	13.00	592.14
41+00	591.93	13.00	592.19	13.00	591.93
41+50	592.00	13.00	592.26	13.00	592.00
42+00	591.97	13.00	592.23	13.00	591.97
42+50	591.59	13.00	591.85	13.00	591.59
43+00	590.83	13.00	591.09	13.00	590.83
43+50	588.34	13.00	588.60	13.00	588.34
44+00	596.34	13.00	596.60	13.00	596.34
44+50	595.04	13.00	595.30	13.00	595.04
45+00	594.04	13.00	594.30	13.00	594.04
45+50	593.44	13.00	593.70	14.00	593.42
46+00	593.04	13.00	593.30	13.00	593.04
46+50	582.74	13.00	583.00	13.00	582.74
47+00	582.70	15.00	583.00	13.00	582.74
47+50	583.34	13.00	583.60	13.00	583.34
48+00	585.34	13.00	585.60	13.00	585.34
48+50	587.34	13.00	587.60	13.00	587.34
49+00	589.74	13.00	590.00	13.00	589.74
49+50	592.32	14.00	592.60	13.00	592.34

Station	Left Curb Elevation (feet)	Distance To Curb (feet)	Crown Elevation (feet)	Distance To Curb (feet)	Right Curb Elevation (feet)
50+00	594.34	13.00	594.60	13.00	594.34
50+50	595.34	13.00	595.60	13.00	595.34
51+00	595.34	13.00	595.60	13.00	595.34
51+50	597.04	13.00	597.30	13.00	597.04
52+00	597.74	13.00	598.00	13.00	597.74
52+50	598.34	13.00	598.60	13.00	598.34
53+00	599.14	13.00	599.40	13.00	599.14
53+50	599.74	13.00	600.00	13.00	599.74
54+00	600.54	13.00	600.80	13.00	600.54
54+50	601.04	13.00	601.30	13.00	601.04
55+00	602.04	13.00	602.30	13.00	602.04
55+50	602.24	13.00	602.50	13.00	602.24
56+00	603.14	13.00	603.40	13.00	603.14
56+50	603.34	13.00	603.60	13.00	603.34
57+00	603.74	13.00	604.00	13.00	603.74
57+50	603.94	13.00	604.20	13.00	603.94
58+00	604.14	13.00	604.40	13.00	604.14
58+50	604.34	13.00	604.60	13.00	604.34
59+00	604.34	13.00	604.60	13.00	604.34
59+50	604.84	13.00	605.10	13.00	604.84
60+00	605.94	13.00	606.20	13.00	605.94
61+00	607.54	13.00	607.80	13.00	607.54
62+00	614.24	13.00	614.50	13.00	614.24
62+50	617.14	13.00	617.40	13.00	617.14
63+00	620.14	13.00	620.40	13.00	620.14
63+50	623.24	13.00	623.50	13.00	623.24
64+00	626.16	17.00	626.50	15.00	626.20
64+50	628.86	17.00	629.20	18.00	628.84
65+00	630.68	16.00	631.00	15.00	630.70
65+50	632.30	15.00	632.60	15.00	632.30
66+00	634.04	13.00	634.30	13.00	634.04
66+50	634.70	15.00	635.00	17.00	634.66
67+00	635.54	13.00	635.80	17.00	635.46
67+50	636.14	13.00	636.40	16.00	636.08
68+00	636.74	13.00	637.00	15.00	636.70
68+50	637.34	13.00	637.60	16.00	637.28
69+00	638.24	13.00	638.50	16.00	638.18
69+50	639.54	13.00	639.80	16.00	639.48
70+00	641.14	13.00	641.40	16.00	641.08
70+50	642.34	13.00	642.60	16.00	642.28
71+00	644.74	13.00	645.00	16.00	644.68
71+50	646.74	13.00	647.00	16.00	646.68
72+00	648.74	13.00	649.00	16.00	648.68
72+50	650.74	13.00	651.00	16.00	650.68
73+00	0.00	13.00	653.20	16.00	652.88
73+50	655.24	13.00	655.50	16.00	655.18
74+00	657.44	13.00	657.70	16.00	657.38
74+50	659.54	13.00	659.80	16.00	659.48
75+00	661.64	13.00	661.90	16.00	661.58
75+50	663.74	13.00	664.00	16.00	663.68

Station	Left Curb Elevation (feet)	Distance To Curb (feet)	Crown Elevation (feet)	Distance To Curb (feet)	Right Curb Elevation (feet)
76+00	665.74	13.00	666.00	16.00	665.68
76+50	667.74	13.00	668.00	16.00	667.68
77+00	669.94	13.00	670.20	16.00	669.88
77+50	671.84	13.00	672.10	16.00	671.78
78+00	674.04	13.00	674.30	16.00	673.98
78+50	676.14	13.00	676.40	15.00	676.10
79+00	648.14	13.00	648.40	17.00	648.06
79+50	680.04	13.00	680.30	16.00	679.98
80+00	681.70	15.00	682.00	15.00	681.70
80+50	682.30	15.00	682.60	15.00	682.30
81+00	682.74	13.00	683.00	13.00	682.74
81+50	682.74	13.00	683.00	13.00	682.74
82+00	682.44	13.00	682.70	13.00	682.44
82+50	681.94	13.00	682.20	13.00	681.94
83+00	680.74	13.00	681.00	13.00	680.74
83+50	679.44	13.00	679.70	13.00	679.44
84+00	677.74	13.00	678.00	13.00	677.74
84+50	675.44	13.00	675.70	13.00	675.44
85+00	673.74	13.00	674.00	13.00	673.74
85+50	672.94	13.00	673.20	13.00	672.94
86+00	672.24	13.00	672.50	13.00	672.24
86+50	671.74	13.00	672.00	13.00	671.74
87+00	671.74	13.00	672.00	13.00	671.74
87+5					



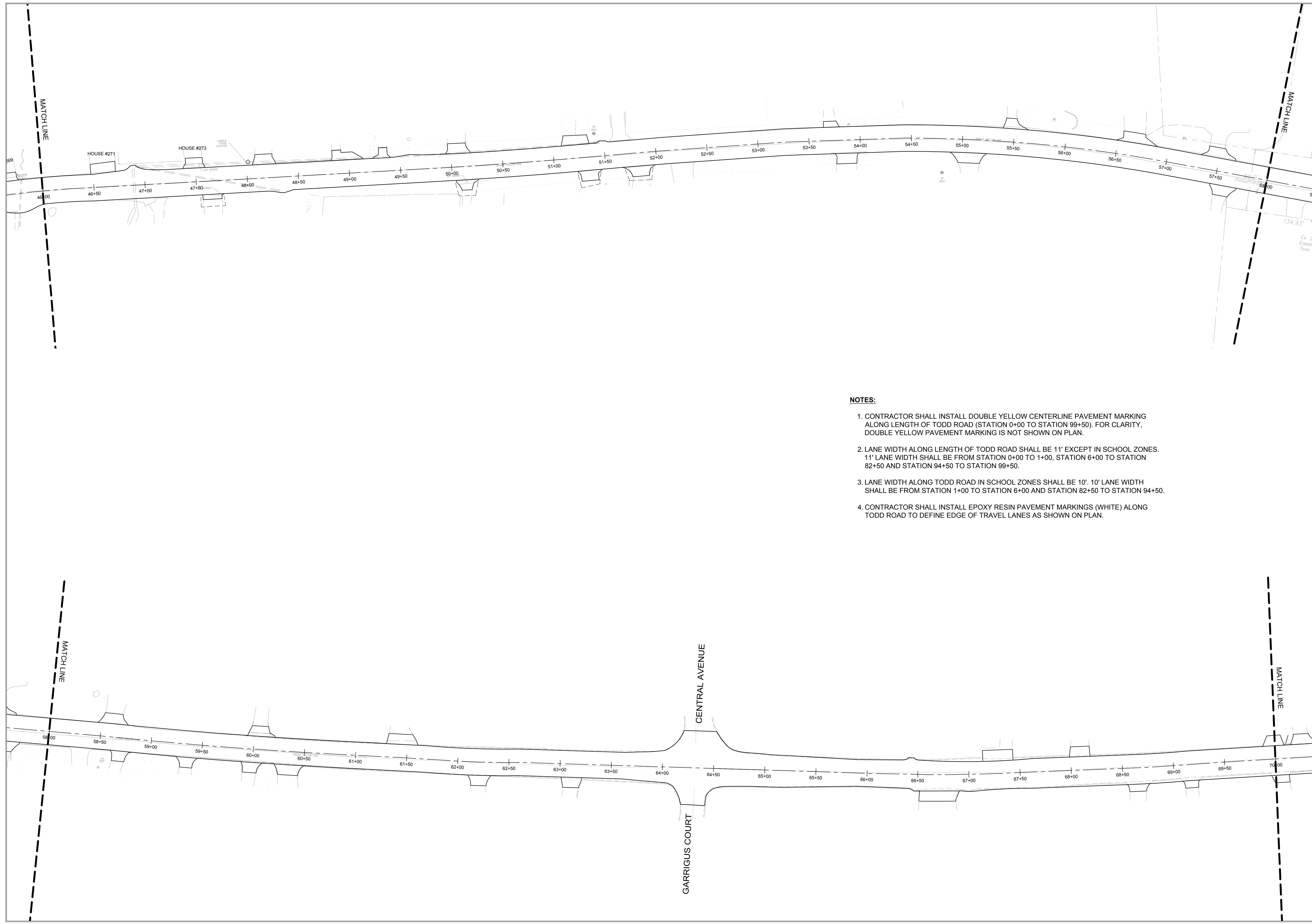
REVISIONS		
NO.	DATE	DESCRIPTION
1	09/20/2018	REVISED PER NVCOGCT COMMENTS
2	01/23/2019	REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"

TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

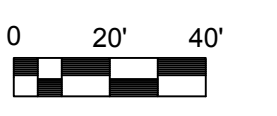
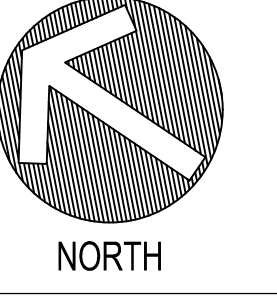
ROAD WIDENING
 PLAN STATION
 46+00 TO 70+00

SHEET NO.
CW-03



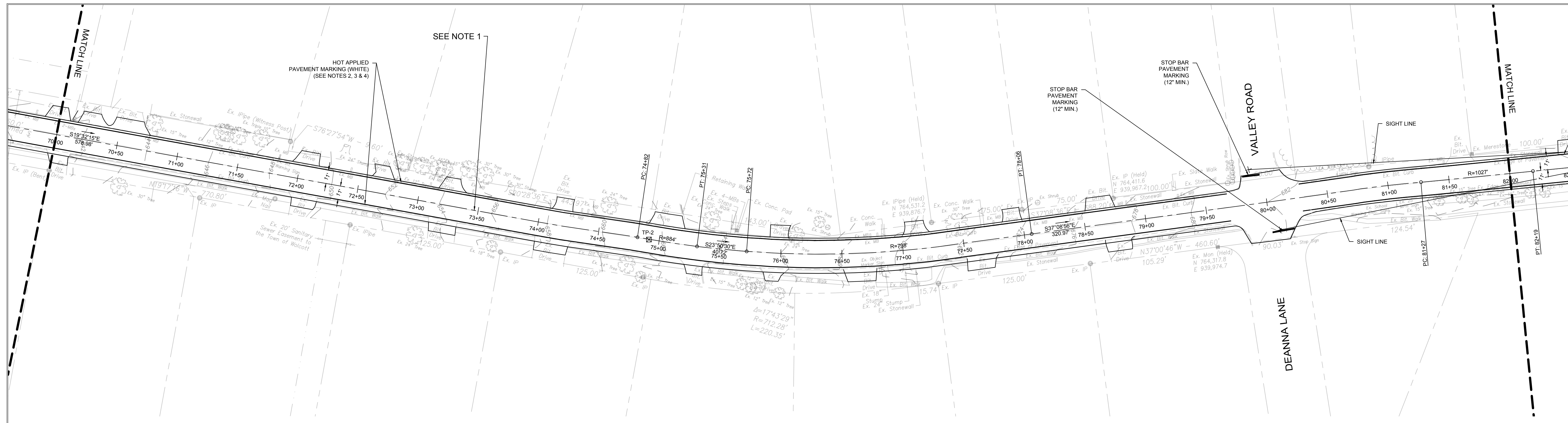
- NOTES:**
1. CONTRACTOR SHALL INSTALL DOUBLE YELLOW CENTERLINE PAVEMENT MARKING ALONG LENGTH OF TODD ROAD (STATION 0+00 TO STATION 99+50). FOR CLARITY, DOUBLE YELLOW PAVEMENT MARKING IS NOT SHOWN ON PLAN.
 2. LANE WIDTH ALONG LENGTH OF TODD ROAD SHALL BE 11' EXCEPT IN SCHOOL ZONES. 11' LANE WIDTH SHALL BE FROM STATION 0+00 TO 1+00, STATION 6+00 TO STATION 82+50 AND STATION 94+50 TO STATION 99+50.
 3. LANE WIDTH ALONG TODD ROAD IN SCHOOL ZONES SHALL BE 10'. 10' LANE WIDTH SHALL BE FROM STATION 1+00 TO STATION 6+00 AND STATION 82+50 TO STATION 94+50.
 4. CONTRACTOR SHALL INSTALL EPOXY RESIN PAVEMENT MARKINGS (WHITE) ALONG TODD ROAD TO DEFINE EDGE OF TRAVEL LANES AS SHOWN ON PLAN.

DRAWING NAME: \\WOLCOTT\TOWN OF WOLCOTT\TODD ROAD PUBLIC COMPLEX\WOLCOTT\CD\Road\Imp\DWG\DRW\WOLCOTT\WOLCOTT_CW-03_TODD ROAD IMPROVEMENTS.dwg; PLOT DATE: 06/11/2019 08:47:00; PLOT DATE: 06/11/2019 08:47:00; OPERATOR: JPK



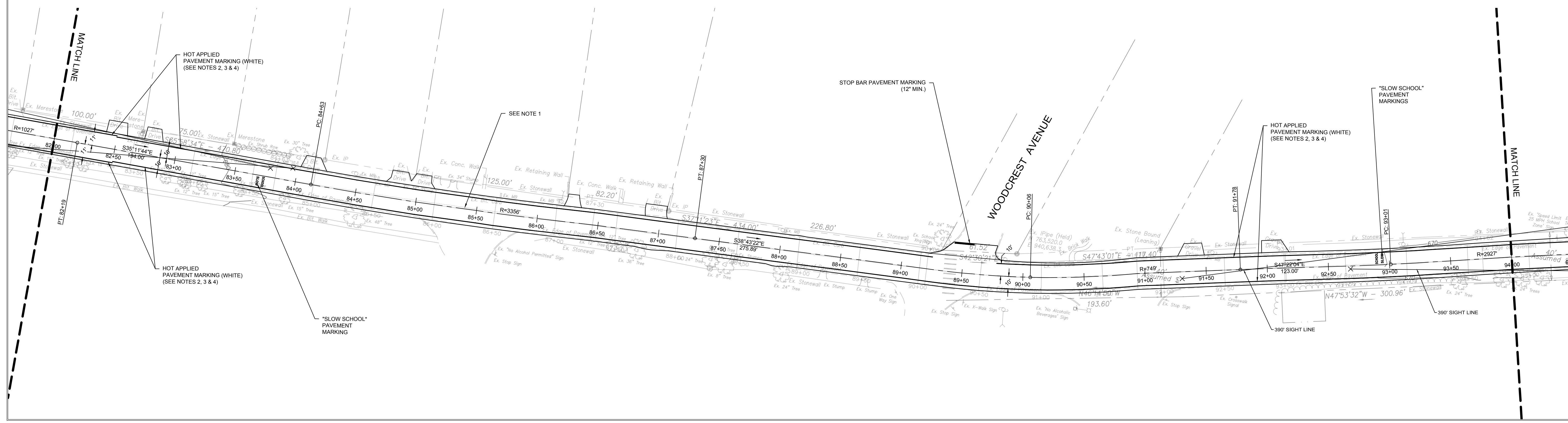
REVISIONS	
NO.	DESCRIPTION
1	09/20/2018 REVISED PER NVCOGCT COMMENTS
2	01/23/2019 REVISED PER CT DOT COMMENTS

DESIGNED:	MCP	SCALE:	1" = 40'
DRAWN:	BOB/JAS	ISSUE DATE:	05/11/2018
REVIEWED:	MCP	PROJECT NUMBER:	WOL.2022.CE
APPROVED:	MCP	SHEET SIZE:	24"x36"



NOTES:

- CONTRACTOR SHALL INSTALL DOUBLE YELLOW CENTERLINE PAVEMENT MARKING ALONG LENGTH OF TODD ROAD (STATION 0+00 TO STATION 99+50). FOR CLARITY, DOUBLE YELLOW HOT APPLIED PAVEMENT MARKING IS NOT SHOWN ON PLAN.
- LANE WIDTH ALONG LENGTH OF TODD ROAD SHALL BE 11' EXCEPT IN SCHOOL ZONES. 11' LANE WIDTH SHALL BE FROM STATION 0+00 TO 1+00, STATION 6+00 TO STATION 82+50 AND STATION 94+50 TO STATION 99+50.
- LANE WIDTH ALONG TODD ROAD IN SCHOOL ZONES SHALL BE 10'. 10' LANE WIDTH SHALL BE FROM STATION 1+00 TO STATION 6+00 AND STATION 82+50 TO STATION 94+50.
- CONTRACTOR SHALL INSTALL EPOXY RESIN PAVEMENT MARKINGS (WHITE) ALONG TODD ROAD TO DEFINE EDGE OF TRAVEL LANES AS SHOWN ON PLAN.



TODD ROAD IMPROVEMENTS
 TODD ROAD
 WOLCOTT, CONNECTICUT

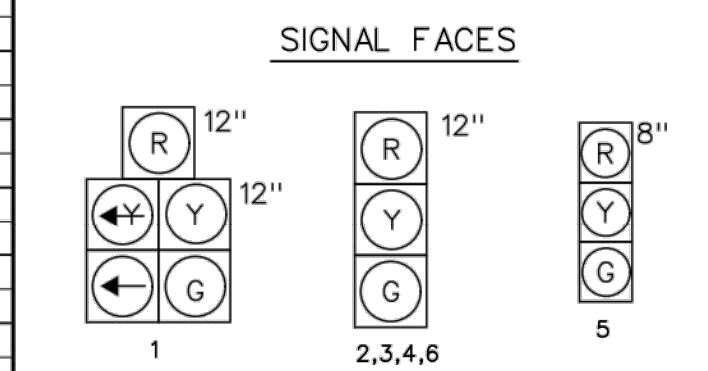
ROAD WIDENING
 PLAN STATION
 70+00 TO 94+00

SHEET NO.
CW-04

DRAWING NAME: WOLCOTT - TOWN OF WOLCOTT, TOWN OF WOLCOTT, PUBLIC COMPLEX, WOLCOTT, CT. DRAWING NO: WOLCOTT-CE-2022-04. PROJECT NO: WOLCOTT-CE-2022-04. DATE: 05/11/2018. SCALE: 1"=40'. OPERATOR: HRP

		MOVEMENT DIAGRAM																													
		PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PRE-EMPT 1			PHASE 6			PHASE 7			PHASE 8			PRE-EMPT 2		
		FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL		
F A C E #	1	Y	←	G	←	G	G	Y	R																						
	2	Y	G	←	G	G	Y	R																							
	3	Y	R	R	R	R	Y	R																							
	4	R	R	R	R	R	R	R																							
	5	R	R	R	R	R	R	R																							
	6	R	R	R	R	R	R	R																							
I N T E R V A L S	MIN GRN		4			15						10			15																
	WALK											9																			
	PED CLR											1																			
	VEH EXT											2																			
	MAX 1		4			45						1.5																			
	MAX 2		10			45						15																			
	YELLOW			3.0			4.1		2.1				3.3			3.3		1.0								4.1		2.1			
	RED																														
	ADD INIT																														
	MAX INIT																														
TBR																															
TTR																															
MIN GAP																															
MODE		MAX RECALL			MIN RECALL			OFF		NON-LOCK		NON-LOCK		OFF		OFF		OFF		ON / OMIT											
INT START																															

TECHNICAL NOTES		OFFICE RECORD	
STANDARD OVERLAP SKIP FEATURES APPLY		REV # 6	TIR # N/A
PHASE 2 ON TO OMIT PHASE 1		SM # 100686	SIGNAL REVISED: 03/30/2016
PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION.			



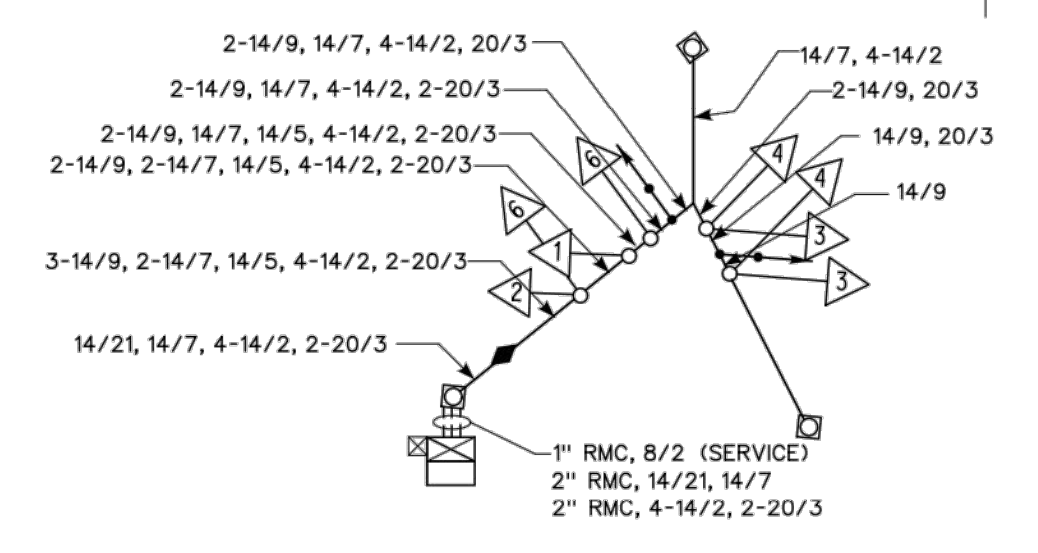
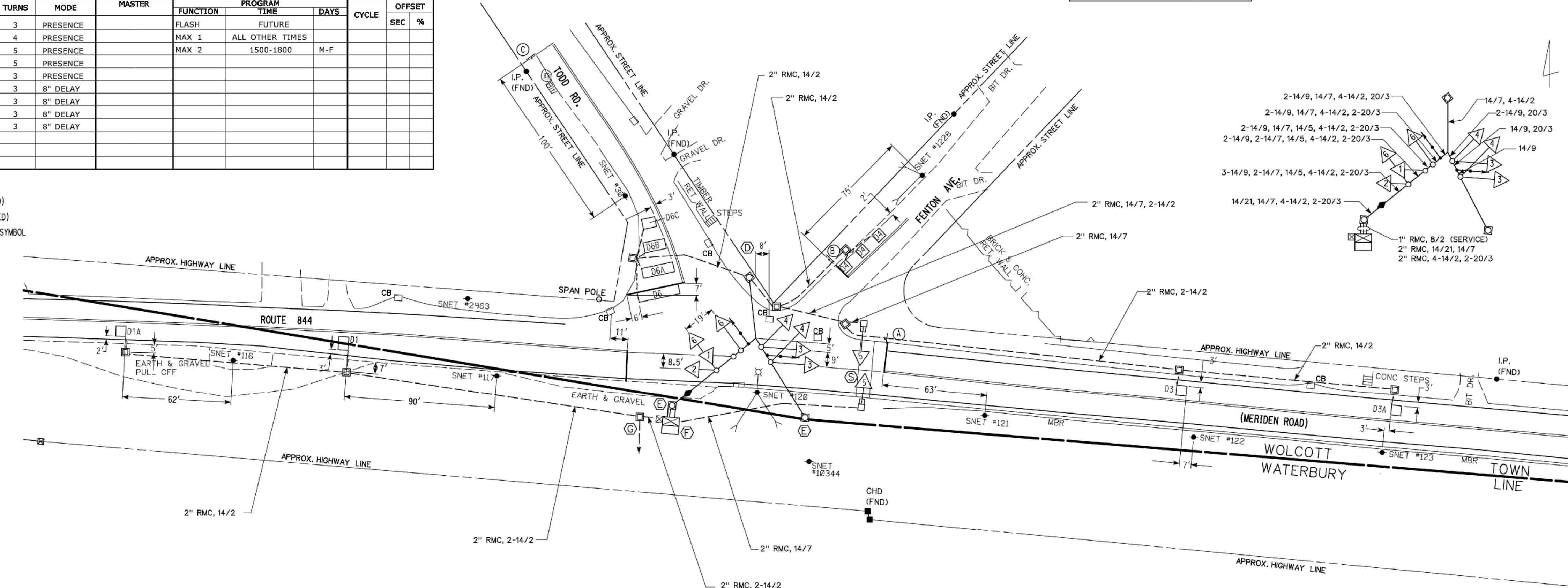
ALL INDICATIONS HAVE LED LAMPS AND TUNNEL VISORS.

PRE-EMPTION SETTINGS

	PRE-EMPT 1	PRE-EMPT 2
PRIORITY	NO	NO
DET. LOCK	YES	YES
DELAY	0	0
ALT. MIN. GRN	5	5
ALT. YELLOW	PARENT	PARENT
ALT. RED	PARENT	PARENT
ALT. PED. CLR.	NO	NO
HOLD GREEN	15	15
HOLD YELLOW	3.3	4.1
HOLD RED	1.0	2.1
HOLD PHASE	5	8
EXIT PHASE	1	2
EXIT CALL	NONE	NONE

IDENT	SIZE (WXL)	TURNS	MODE	SYSTEM LOC	COORDINATION TYPE: NONE			
					FUNCTION	PROGRAM	DAYS	CYCLE
D1	8' X 6'	3	PRESENCE	MASTER	FLASH	FUTURE		
D1A	6' X 6'	4	PRESENCE		MAX 1	ALL OTHER TIMES		
D3	6' X 6'	5	PRESENCE		MAX 2	1500-1800	M-F	
D3A	6' X 6'	5	PRESENCE					
D4	6' X 6'	3	PRESENCE					
D6	25' X 6'	3	8" DELAY					
D6A	19' X 6'	3	8" DELAY					
D6B	13' X 6'	3	8" DELAY					
D6C	8' X 6'	3	8" DELAY					

- SIGN LEGEND:
- (A) 31-0824 (NO TURN ON RED)
 - (B) 31-0824Z (NO TURN ON RED)
 - (C) 41-0836 (SIGNAL AHEAD) SYMBOL



Tighe & Bond
www.tighebond.com
213 Court Street
Suite 900
Middletown, CT 06457
(860) 704-4760

CLEARANCE INTERVALS
DESIGNED BY:
TIGHE & BOND

ENGINEER'S SEAL &
SIGNATURE APPLY TO
CLEARANCE INTERVALS
ONLY.

- NOTES:
- (S) BAR TYPE CROSSWALK (16" - 16" X 8' MIN.)-STATE MAINTAINED
- SPAN POLE INFORMATION
- (D) HEIGHT 28', B.C. 20", LOAD AT YIELD 6,100lbs.
 - (E) HEIGHT 30', B.C. 20", LOAD AT YIELD 7,800lbs.

NO.	DATE	REVISION DESCRIPTION

LEGEND:	TRAFFIC SIGNAL FACE	PROPOSED CONTROLLER	SIDEWALK RAMP
R RED	PEDESTRIAN SIGNAL FACE	EXISTING CONTROLLER	CABLE CLOSURE
Y YELLOW	DET. LEADS IN SAW CUT	LOOP DETECTOR	WIRELESS SENSOR
G GREEN	PROPOSED RMC (RIGID METAL CONDUIT)	SD SYSTEM DETECTOR	WIRELESS RECEIVER
←R RED ARROW	EXISTING RMC (RIGID METAL CONDUIT)	MAGNETIC DETECTOR	WIRELESS TRANSMITTER
←Y YELLOW ARROW	AUXILIARY TERMINATION CABINET	VIDEO DETECTOR	GUY WIRE
←G GREEN ARROW	AUXILIARY EQUIPMENT CABINET	VIDEO DETECTOR	PROPOSED HANDHOLE
W/WALK PED. CLR	VIDEO DETECTION ZONE	AUDIO DETECTOR	EXISTING HANDHOLE
D.W. DON'T WALK			
FL. FLASHING			

ENGINEER	TRAFFIC	DATE	ELECTRICAL	DATE

REV #6 INTERSECTION #166-209

ENERGY BY - TOWN ADDRESS #

MAINT LEVEL 1 SERVICE POLE - SNET 120

UNMETERED SERVICE

TOWN: S.R. 844 (MERIDEN RD) AT TODD RD AND FENTON AVE

DRAWING TITLE: **WOLCOTT TRAFFIC CONTROL SIGNAL PLAN**

PROJECT NO. 171-398

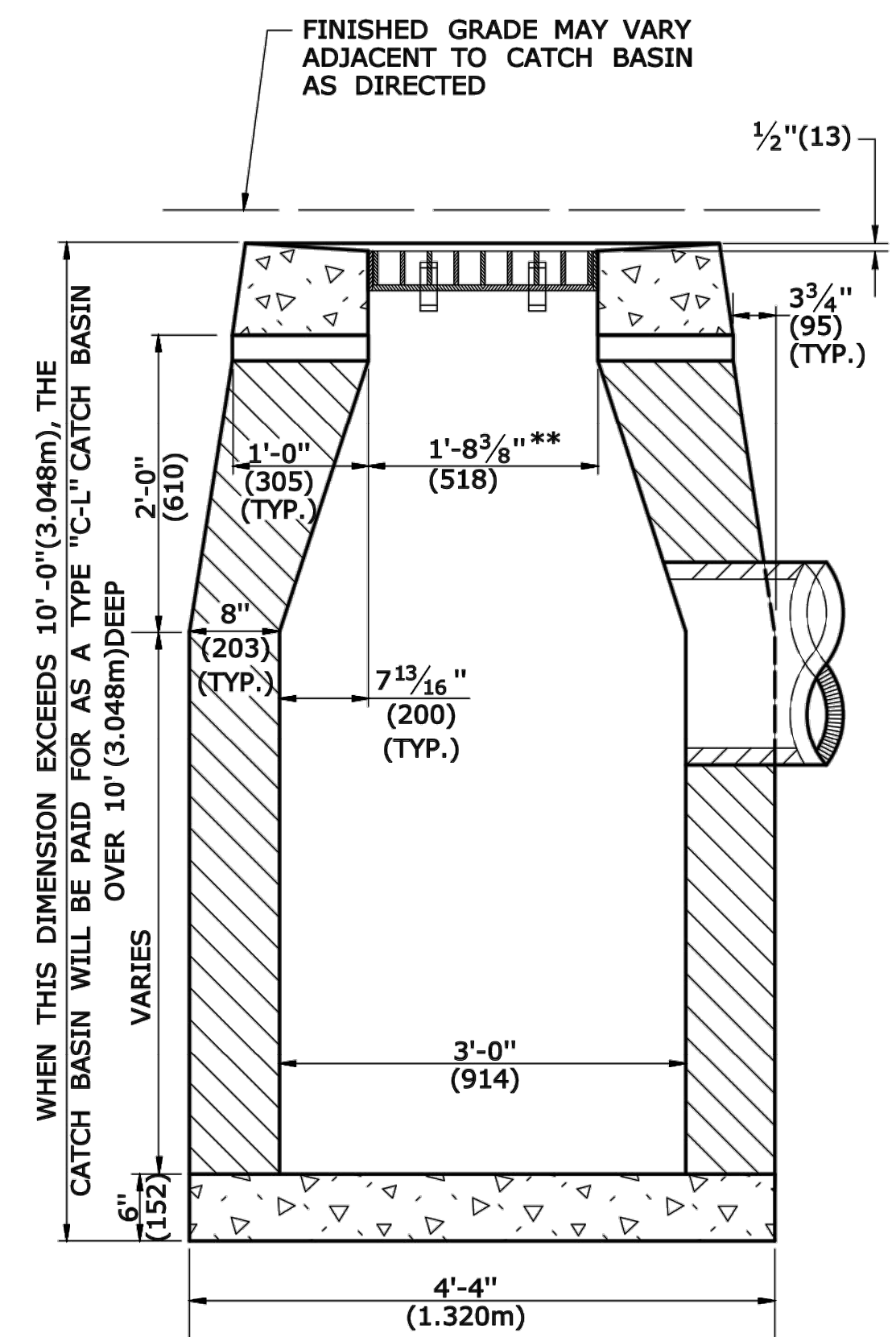
DRAWING NO.

SHEET NO.

SCALE 1" = 40'

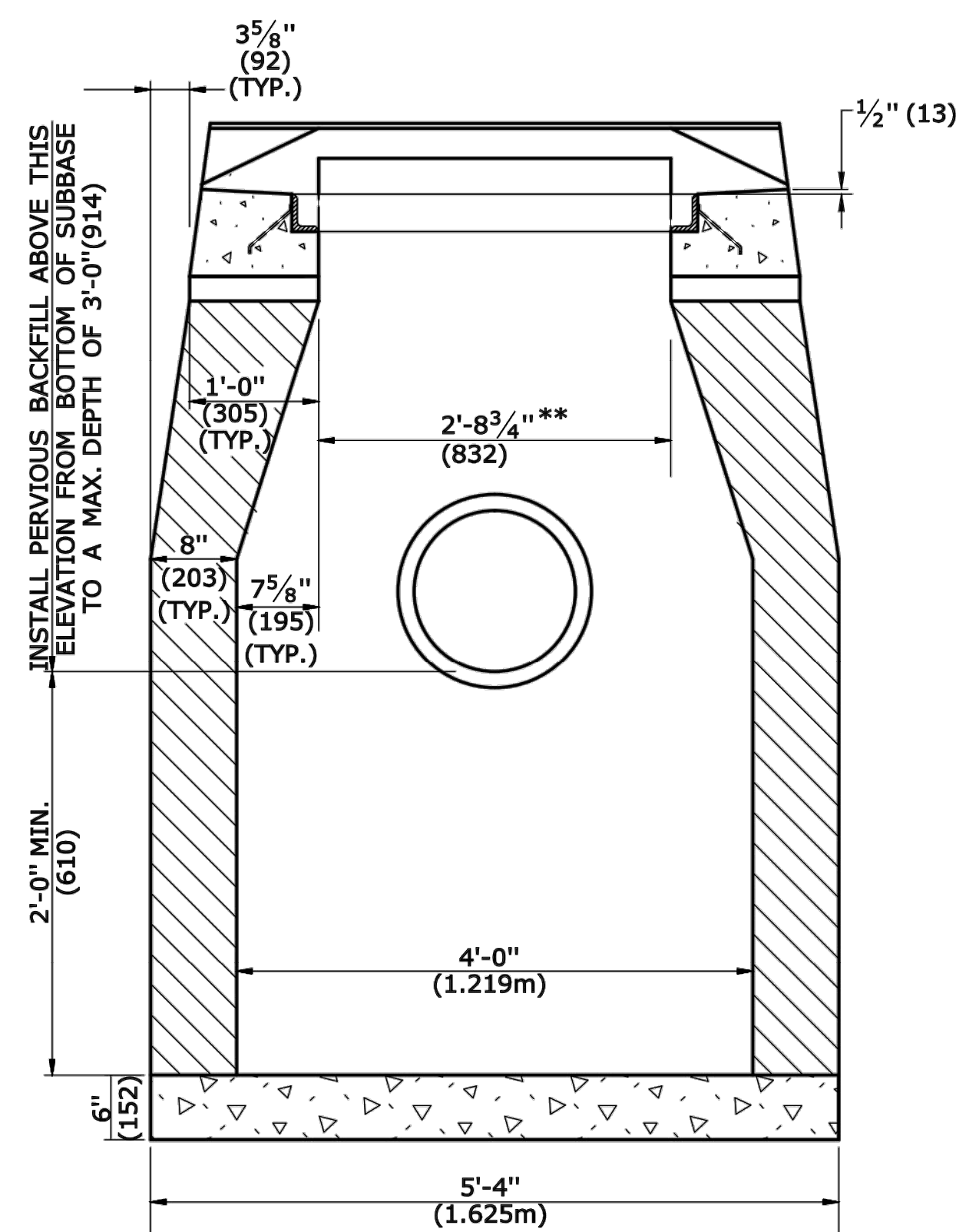


DATE PLOTTED : 5/20/2016 \\DOT-SDCENG07\CTDOT_Projects\171-0398\Traffic3 - FINAL DESIGN\Wolcott - 166\Pending REVISIONS TO BE FINALIZED\TR_MSH_TCS_166_209_0171_0398.dgn



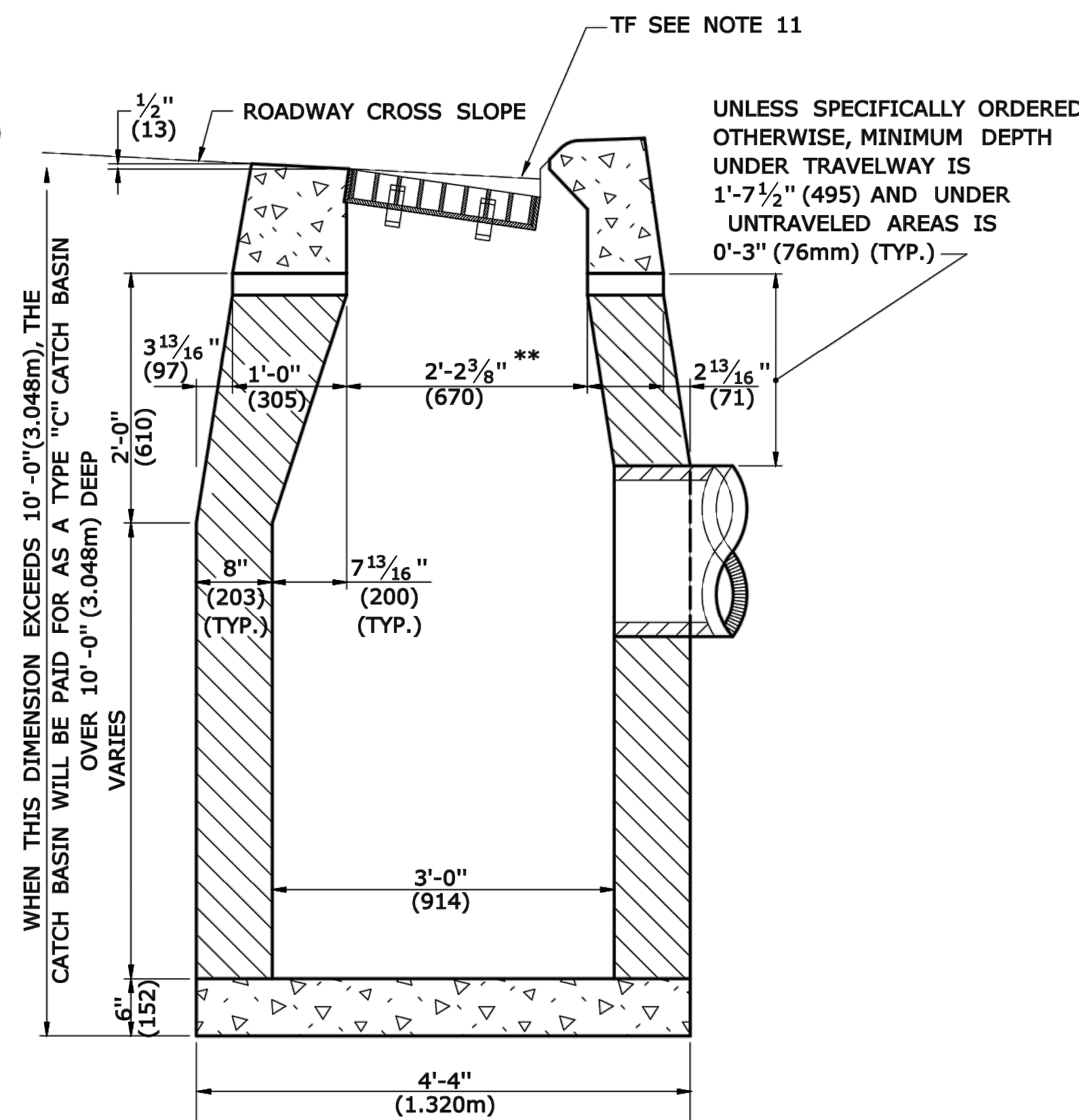
SECTION B

TYPE "C-L" CATCH BASIN



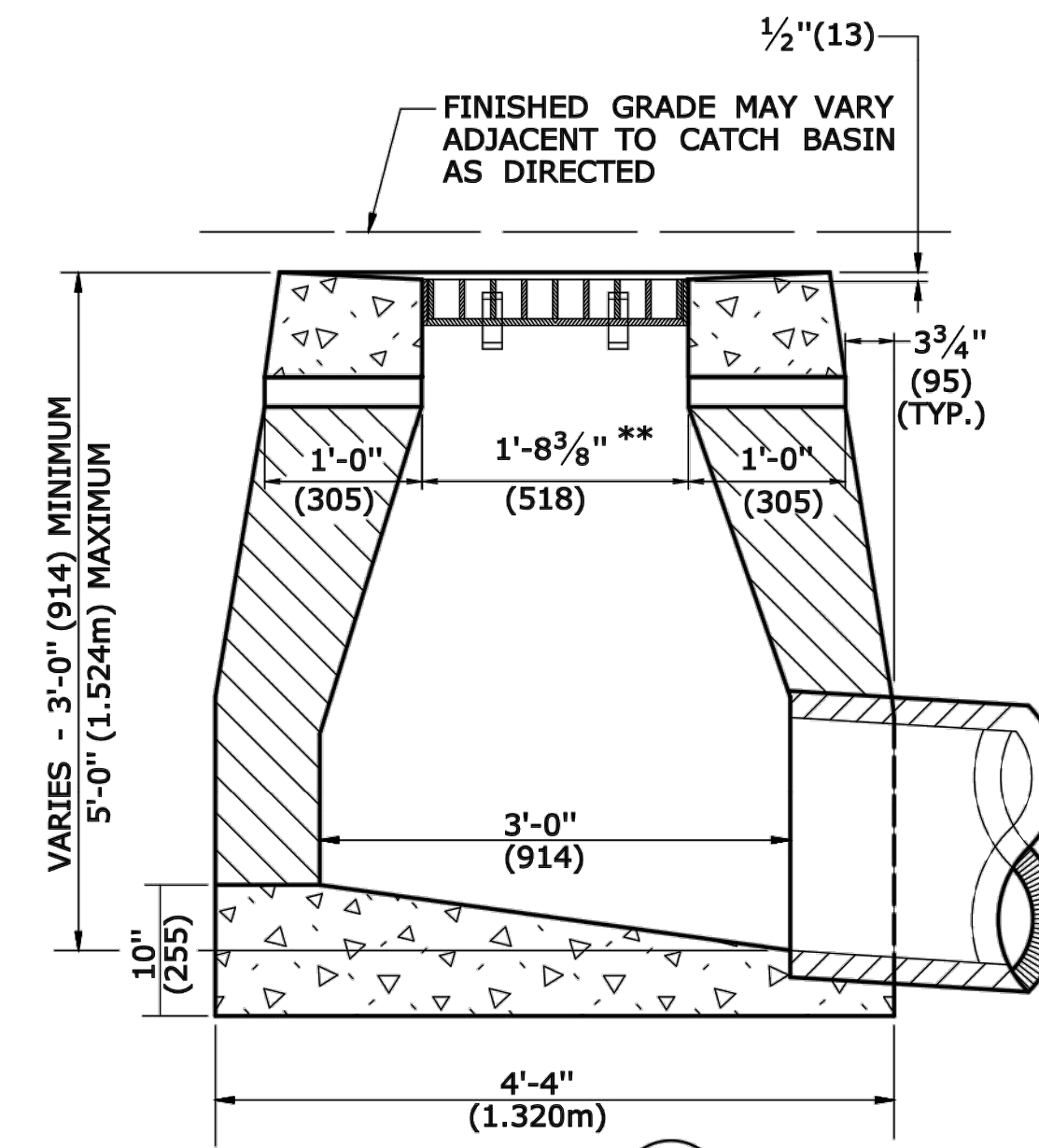
SECTION A

TYPE "C" & "C-L" CATCH BASIN (TYPE "C" TOP SHOWN)



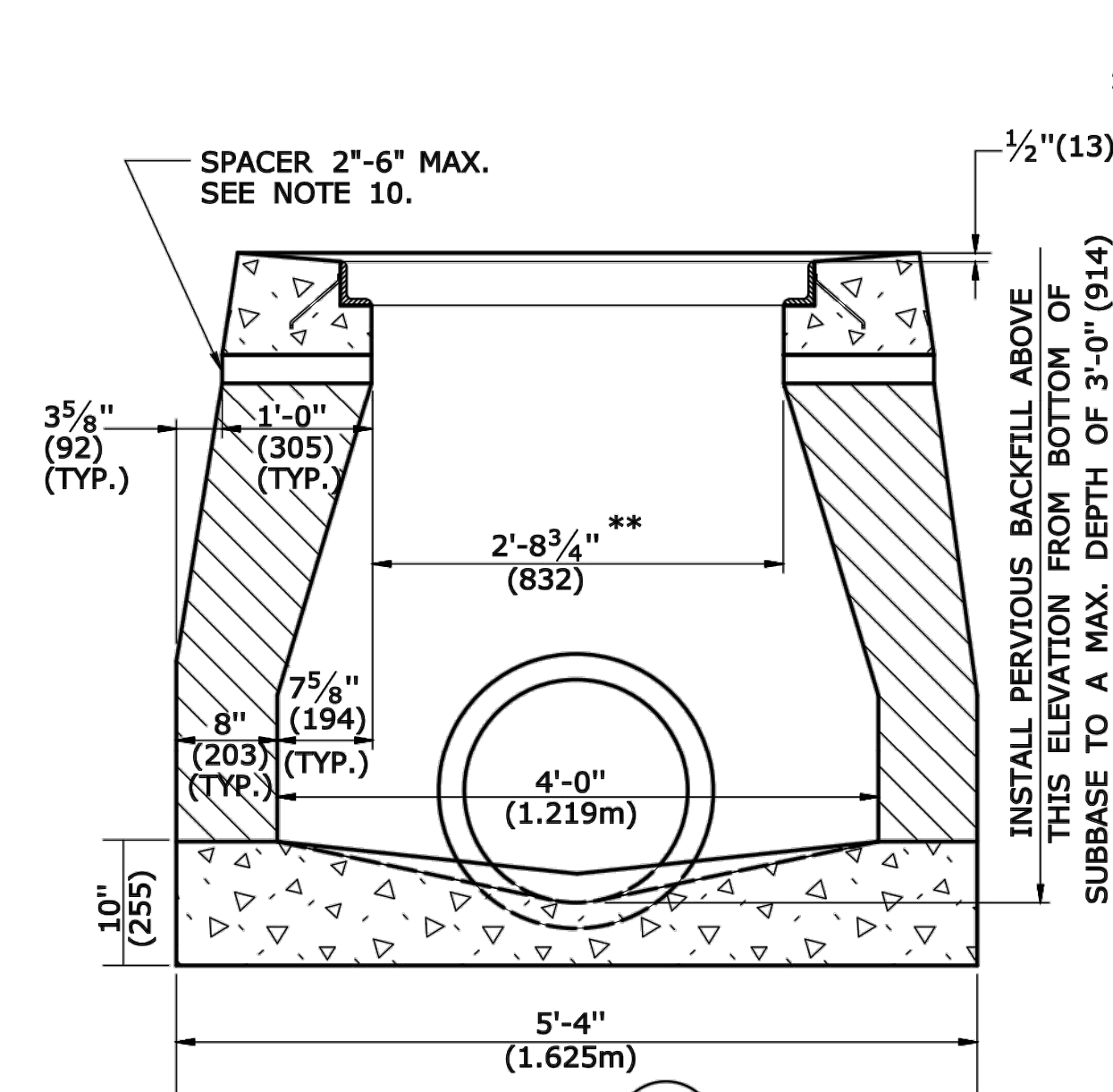
SECTION B

TYPE "C" CATCH BASIN



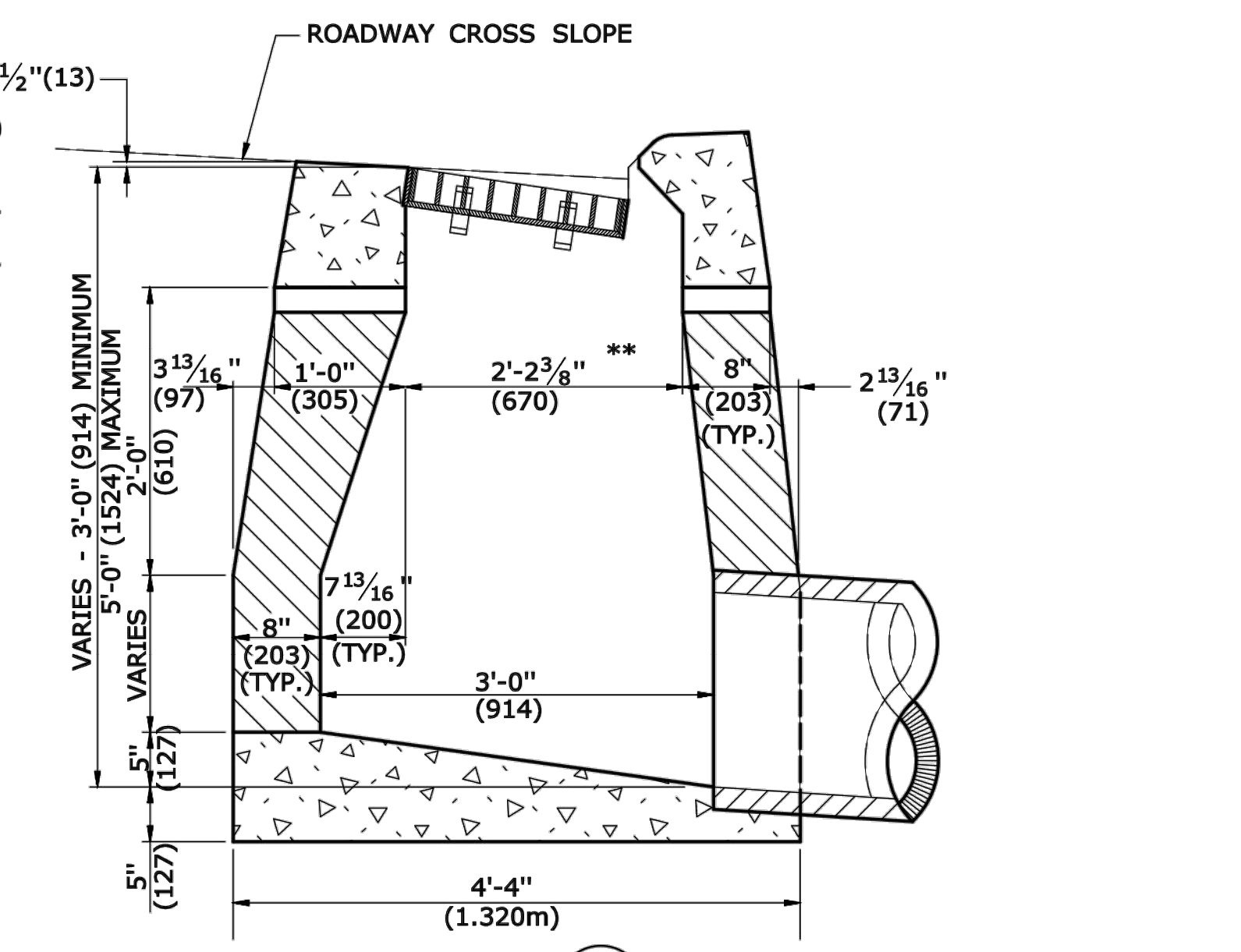
SECTION B

TYPE "C-L" DROP INLET



SECTION A

TYPE "C" & "C-L" DROP INLET (TYPE "C-L" TOP SHOWN)

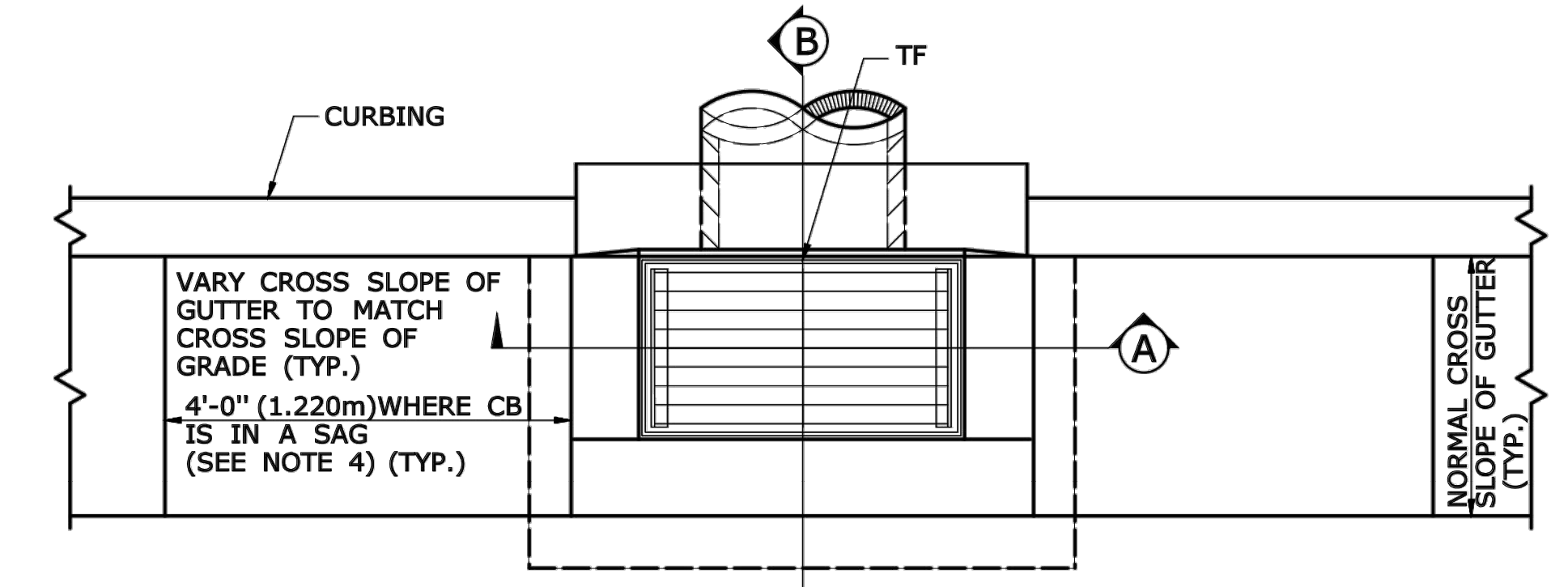


SECTION B

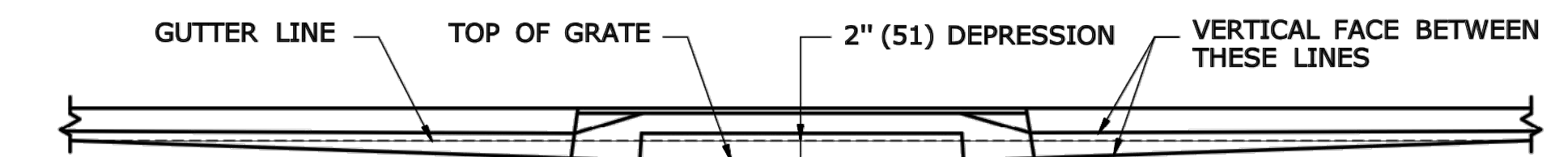
TYPE "C" DROP INLET

GENERAL NOTES:

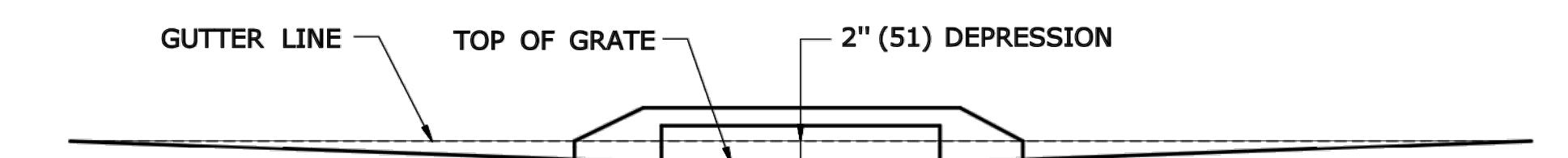
- FOR DETAILS OF FRAME AND GRATE SEE STANDARD SHEET HW-507-08.
- USE APPROPRIATE CONCRETE TOP FOR CURBING SHOWN ON PLANS. IF CURBING IS NOT SPECIFIED ON THE PLANS, IT SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER.
- ALL FACES OF STRUCTURES IN CONTACT WITH CONCRETE PAVEMENT SHALL BE COVERED WITH A LAYER OF TAR PAPER OR APPROVED EQUAL. THE COST FOR THE PAPER SHALL BE INCLUDED IN THE BID PRICE FOR THE TYPE OF CATCH BASIN INSTALLED.
- USE 6'-0" (1.830m) ON UPGRADE SIDE OF CONTINUOUS GRADE AND 1'-0" (305mm) ON DOWNGRADE SIDE OF CONTINUOUS GRADE OR AS DIRECTED.
- IF MASONRY UNITS ARE REQUIRED, THE BASIN SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE OVER ALL DIMENSIONS SHOWN HERE AND SECTION 5.07 OF THE STATE OF CONNECTICUT'S STANDARD SPECIFICATIONS. CORBELLING SHALL BE PERMITTED TO A MAXIMUM OF 3" (75mm.) NO PROJECTION SHALL EXTEND INSIDE THE LIMITS NOTED BY **.
- WALL THICKNESS OF ALL CB'S OVER 10' (3.048m) DEEP SHALL BE INCREASED TO 12" (305mm) THICK. INSIDE DIMENSION SHALL REMAIN THE SAME. 12" (305mm) THICKNESS WILL START AFTER THE FIRST 10' (3.048m).
- TO CONVEY SUBSURFACE DRAINAGE, OPENINGS SHALL BE FORMED IN THE FOUR WALLS AT OR IMMEDIATELY ABOVE THE BOTTOM OF THE PERVIOUS BACKFILL.
- MINIMUM CONCRETE COMPRESSIVE STRENGTH OF F'c = 4000 PSI (27,580 kPa) SHALL BE OBTAINED PRIOR TO SHIPPING.
- LATEST STATE OF CONNECTICUT'S STANDARD SPECIFICATIONS AND SUPPLEMENTALS SHALL GOVERN.
- SPACER MAY BE CMU OR PRECAST WITH REQUIRED REINFORCING (RECOMMENDED BY THE MANUFACTURER) AS NEEDED TO PROVIDE PROPER GRADE SHOWN ON PLANS.
- TOP OF FRAME (TF) ELEVATION SHALL BE MEASURED IN THE CENTER OF GRATE @ GUTTER LINE.



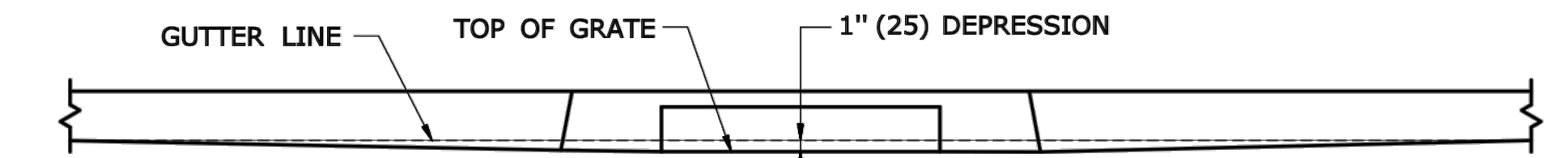
PLAN



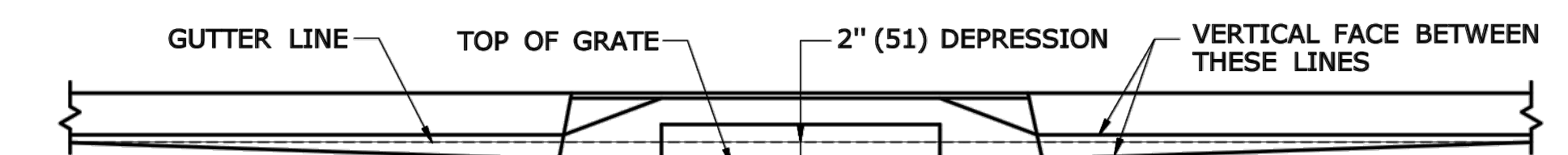
FOR CATCH BASINS IN A LINE OF 4" (102) CONCRETE PARK CURBING OR 4" (102) BITUMINOUS CONCRETE PARK CURBING



FOR CATCH BASINS WHERE NO CURBING OF ANY TYPE EXISTS OR IS PROPOSED



FOR CATCH BASINS IN A LINE OF 6" (152) CONCRETE CURBING OR 6" (152) STONE CURBING



FOR CATCH BASINS IN A LINE OF 6" (152) BITUMINOUS CONCRETE LIP CURBING (MACHINE FORMED)

DETAILS OF DEPRESSED GUTTER STRIP FOR TYPE "C" CATCH BASIN

ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

REV.	DATE	REVISION DESCRIPTION
4	7/13	ADD NOTE 11
3	9/30/11	ADD SPACERS AND NOTE 10.
2	9/15/11	MODIFIED DETAILS TO BE CONSISTANT WITH PRECAST
1	7/28/11	REMOVE MIN. DROP NOTE

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Plotted Date: 6/10/2013

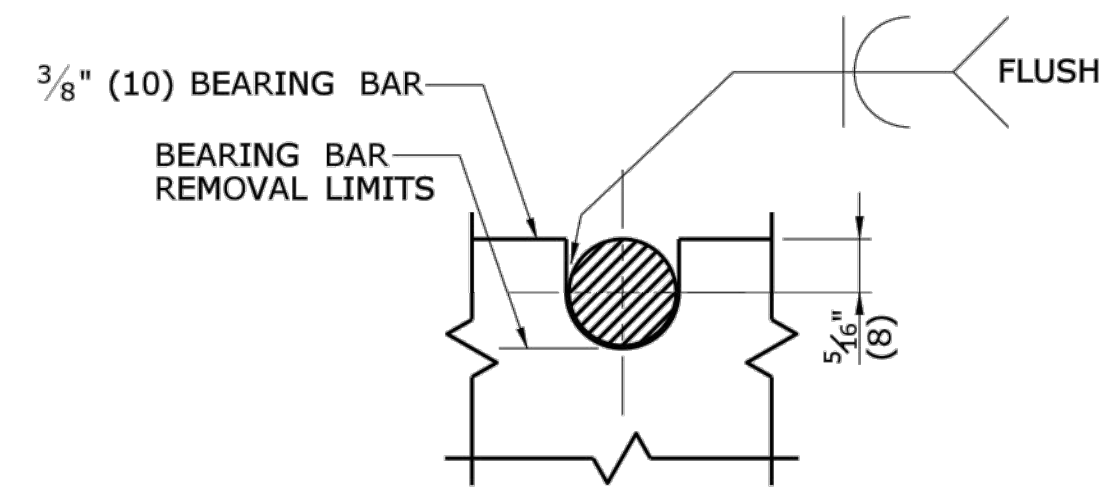
SUBMITTED BY: NAME/DATE/TIME: [Signature]

APPROVED BY: NAME/DATE/TIME: James H. Norman, 2013.07.24 14:39:55-04'00'

CTDOT
STANDARD SHEET
OFFICE OF ENGINEERING

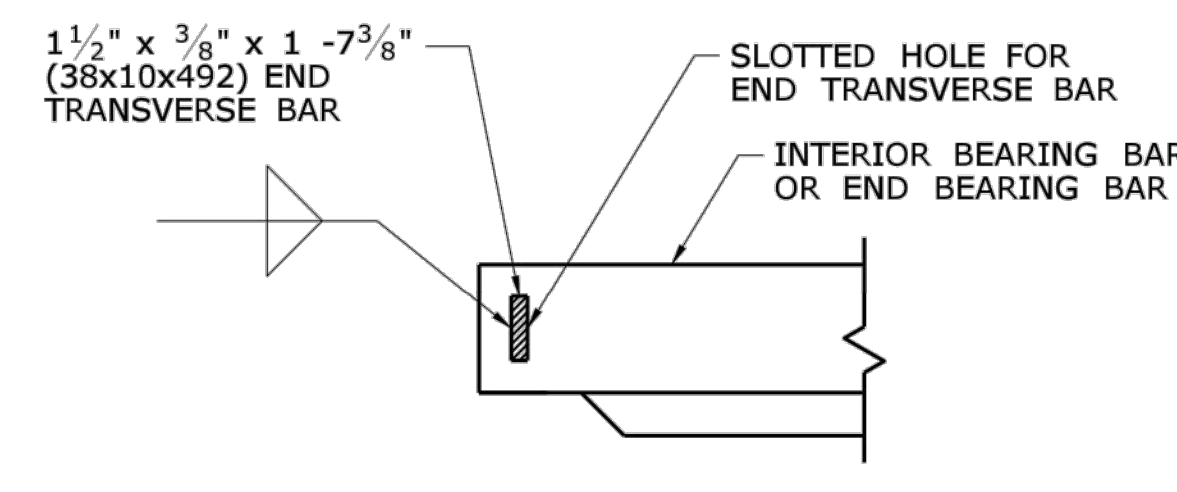
STANDARD SHEET TITLE: TYPE "C", "C-L" & DROP INLET CATCH BASIN

STANDARD SHEET NO.: HW-507_01

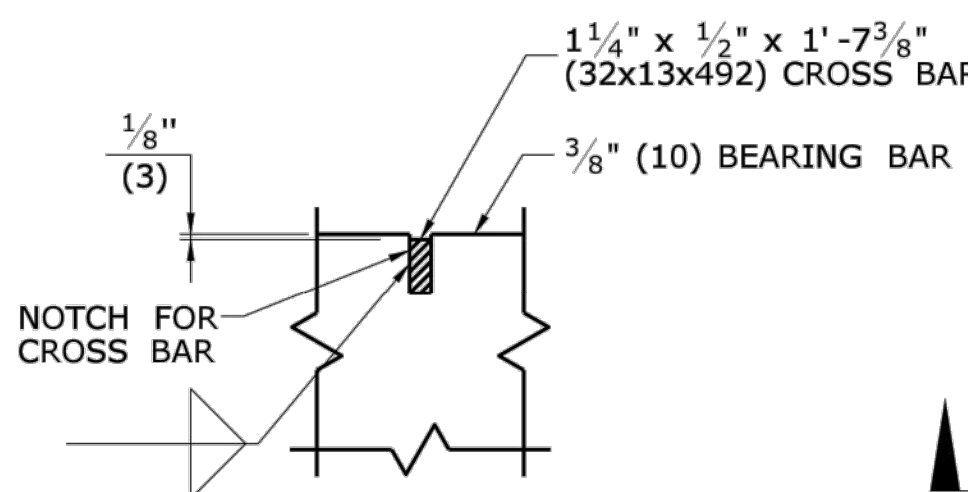


NOTE:
5/8" (16) DIA. ROUND BAR SHALL CONTACT BEARING BAR AT BOTTOM AND BE FLUSH AT TOP.

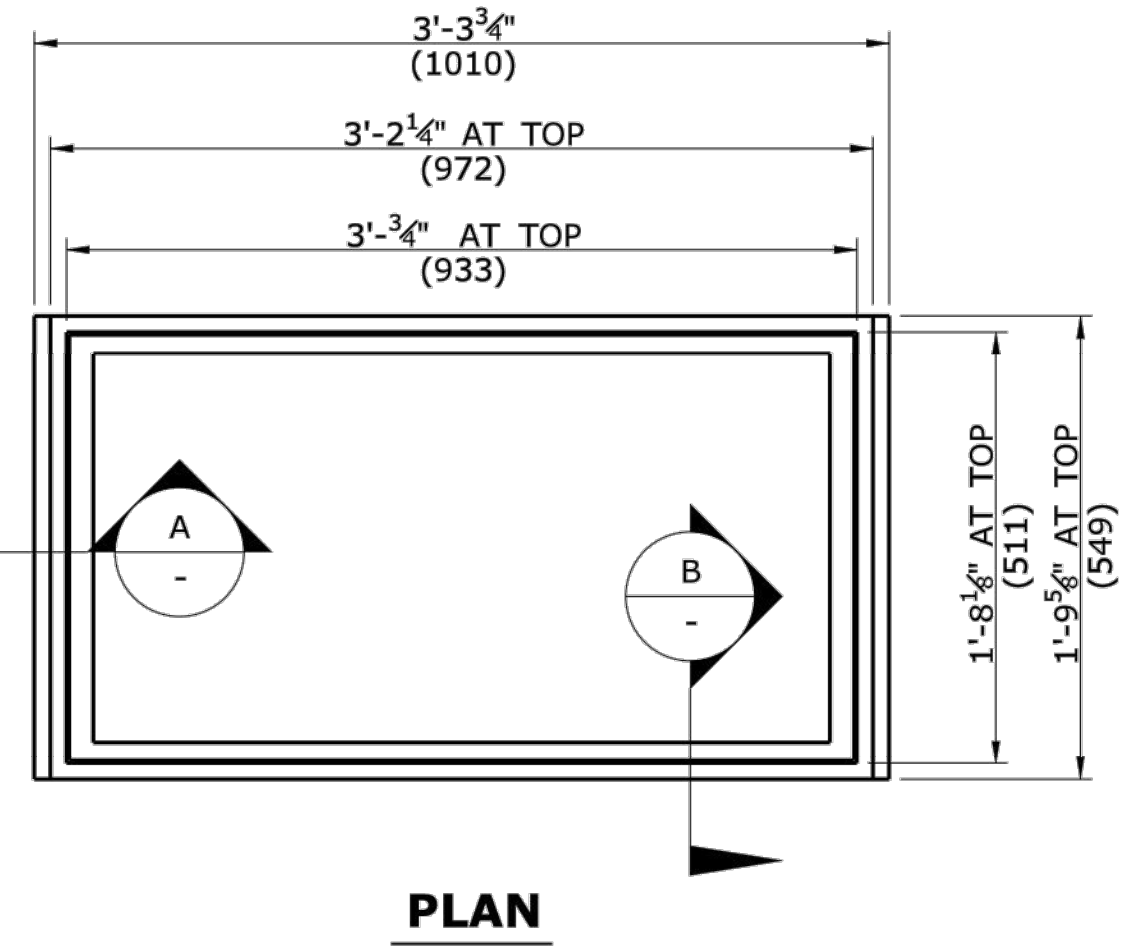
**ROUND BAR ATTACHMENT
CATCH BASIN GRATE TYPE A**



**END TRANSVERSE BAR ATTACHMENT
CATCH BASIN GRATE TYPE A & B**

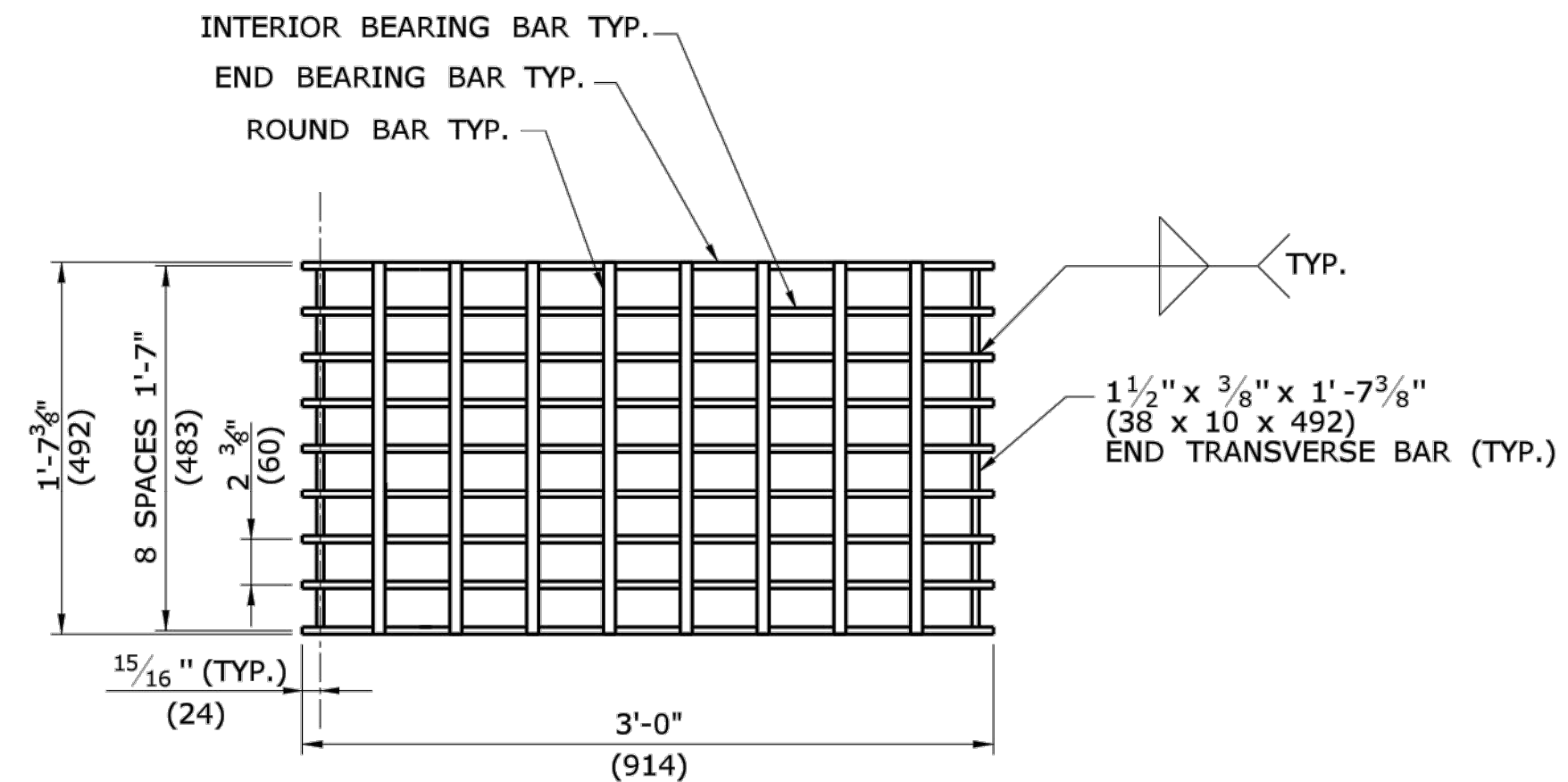


**CROSS BAR ATTACHMENT
CATCH BASIN GRATE TYPE B**

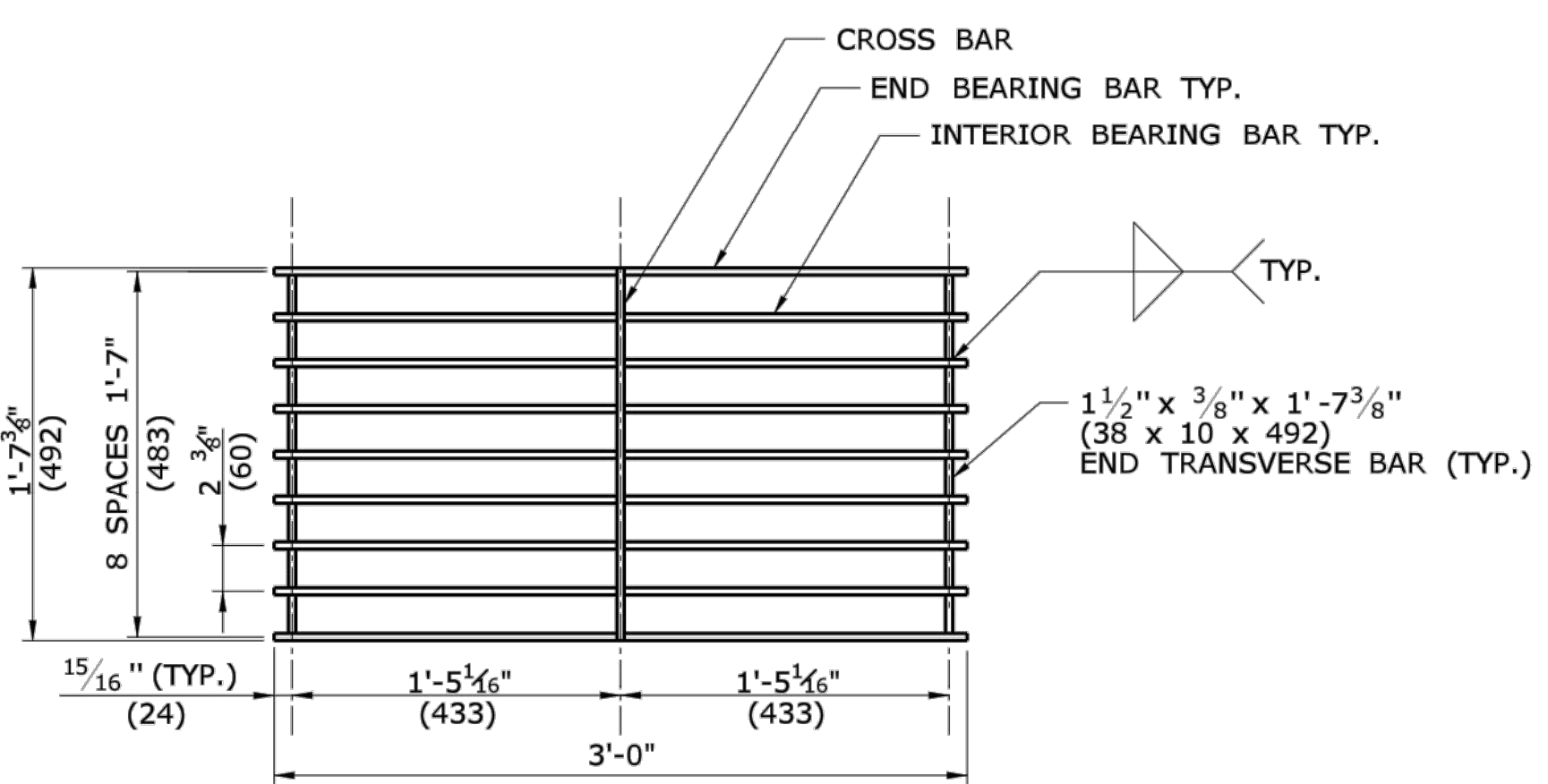


PLAN

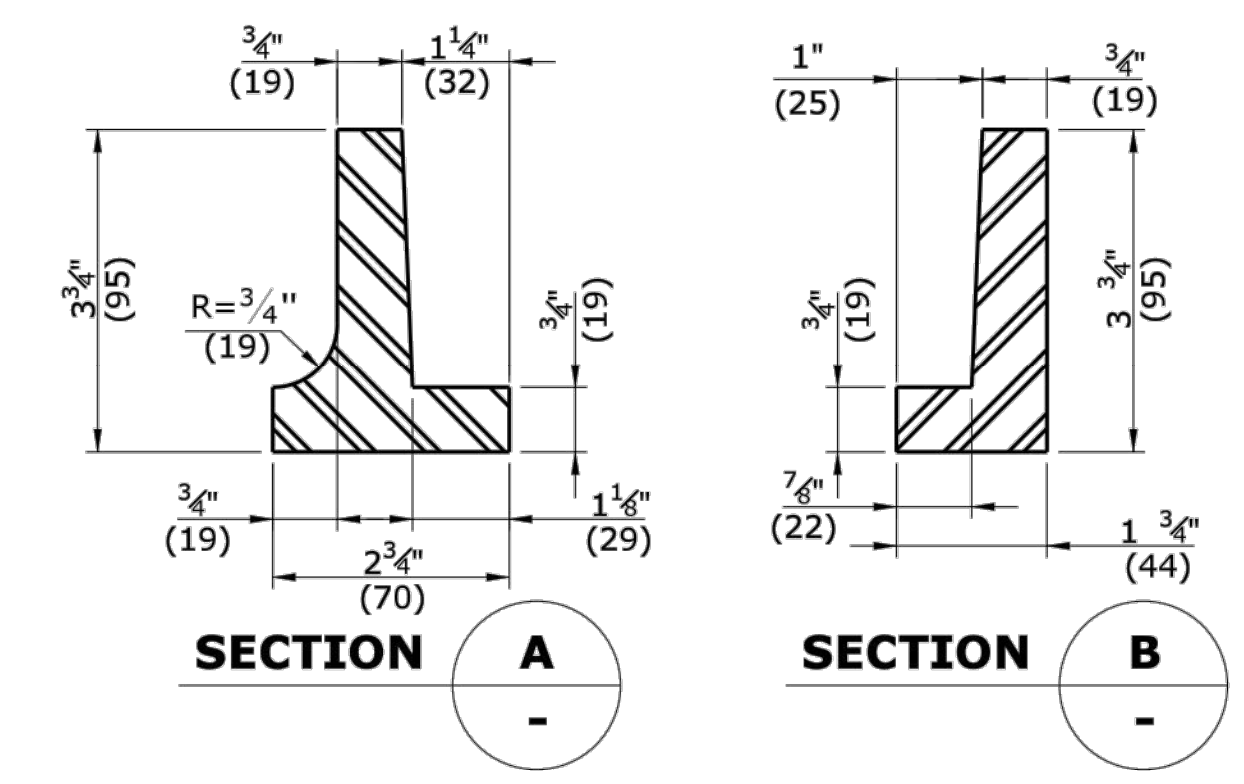
- GENERAL NOTES:**
1. STEEL OR CAST IRON SHALL BE USED FOR FRAMES. STEEL SHALL BE USED FOR TYPE "A" & "B" GRATES.
 2. TYPE "A" GRATES SHALL BE USED ON ALL ROADWAYS WHERE BICYCLE TRAFFIC IS ALLOWED OR AS DIRECTED BY THE ENGINEER.
 3. TYPE "B" GRATES SHALL BE USED ON ALL LIMITED ACCESS HIGHWAYS, RAMPS AND WHERE BICYCLE TRAFFIC IS NOT ALLOWED OR AS DIRECTED BY THE ENGINEER.
 4. STEEL FRAMES AND GRATES SHALL BE GALVANIZED IN ACCORDANCE WITH ARTICLE M.06.03.
 5. DO NOT GALVANIZE CAST IRON FRAMES.
 6. DIMENSIONAL TOLERANCES SHALL BE $\pm 1/16"$ (.16)
 7. ALL STEEL BARS SHALL BE WELDED AT ALL INTERSECTIONS.
 8. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS STRUCTURAL WELDING CODE, D1.1.



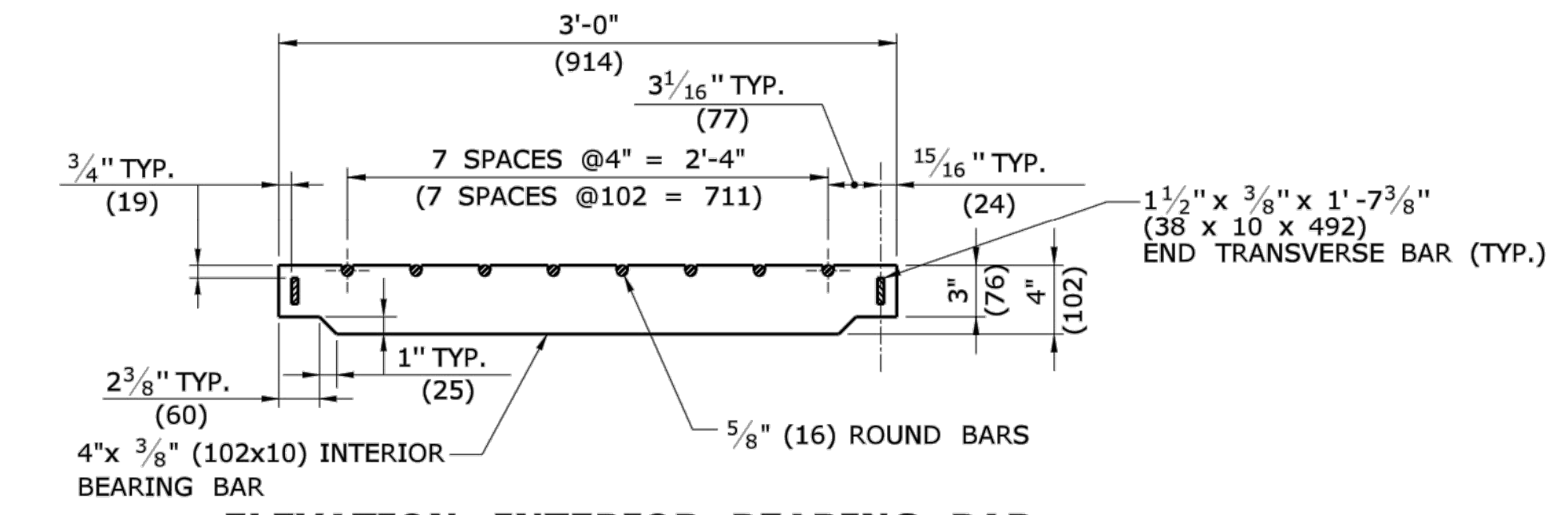
PLAN



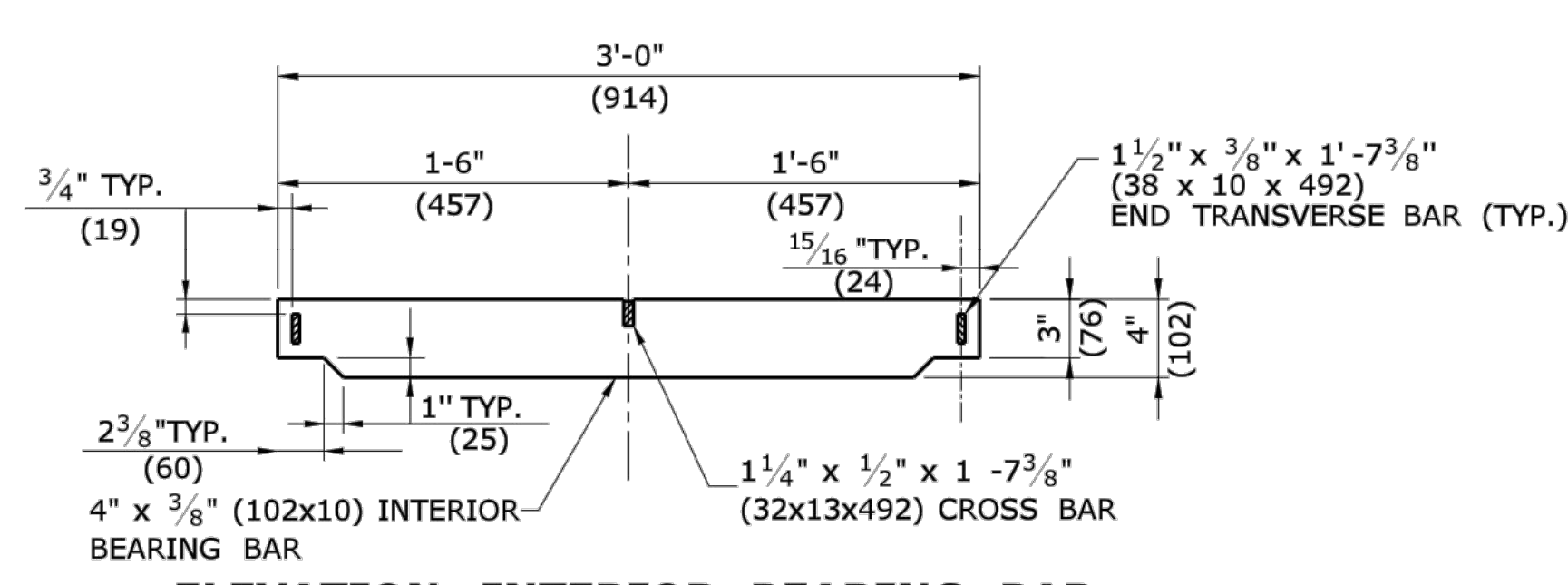
PLAN



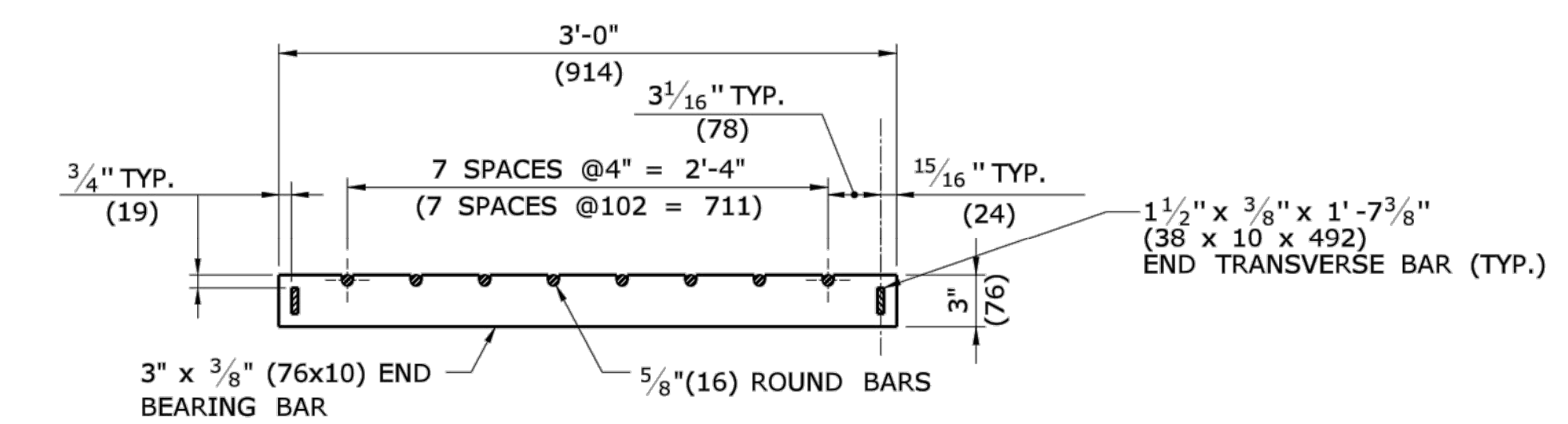
CAST IRON FRAME ALTERNATE



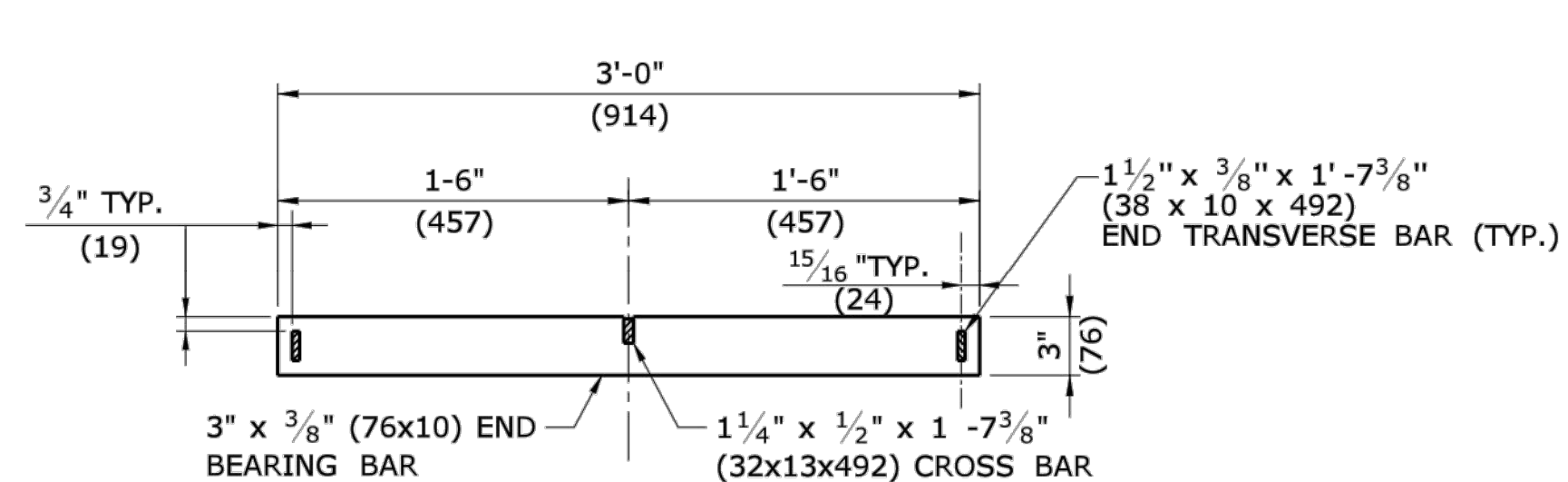
ELEVATION- INTERIOR BEARING BAR



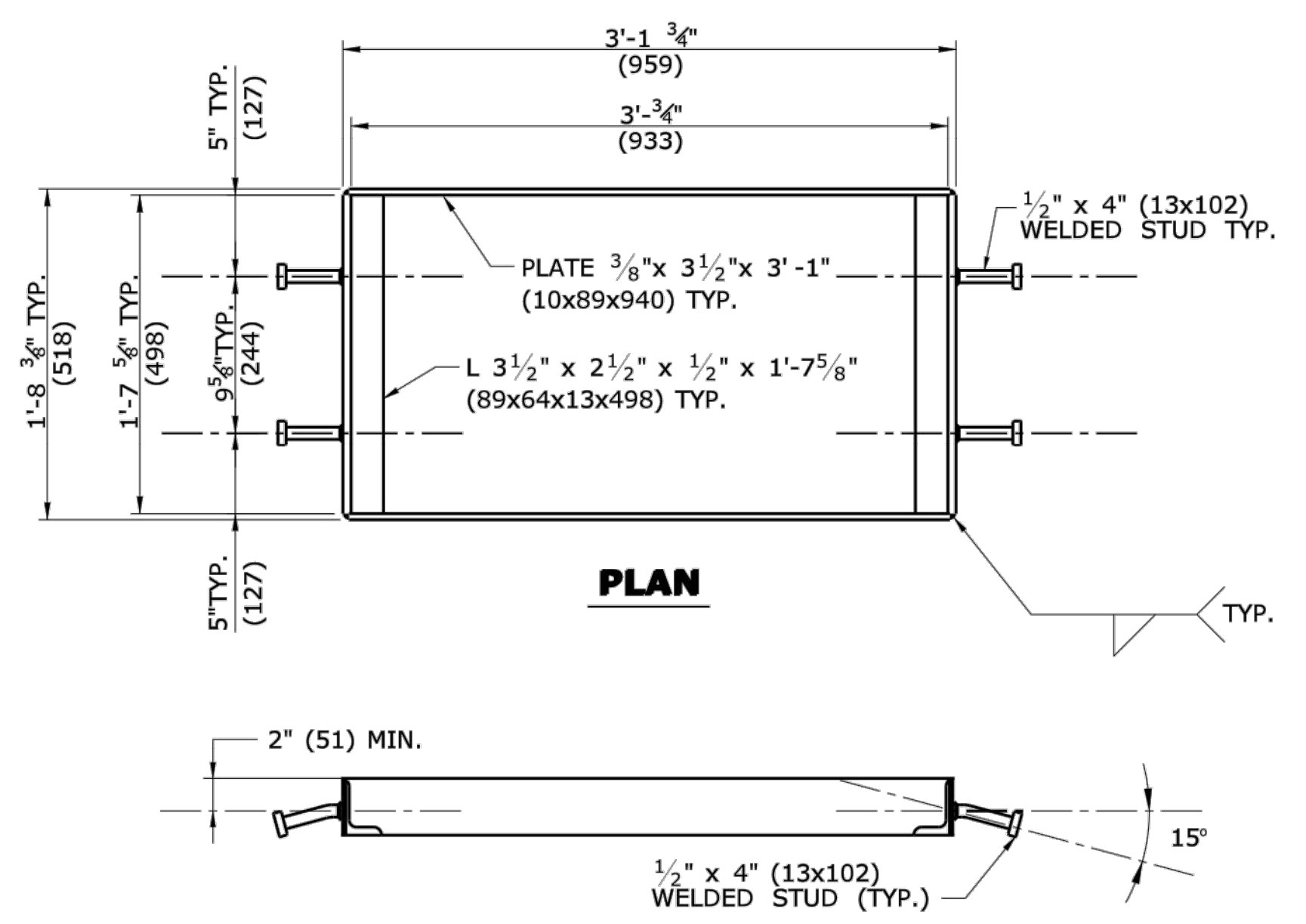
ELEVATION- INTERIOR BEARING BAR



**ELEVATION- END BEARING BAR
CATCH BASIN GRATE TYPE A**



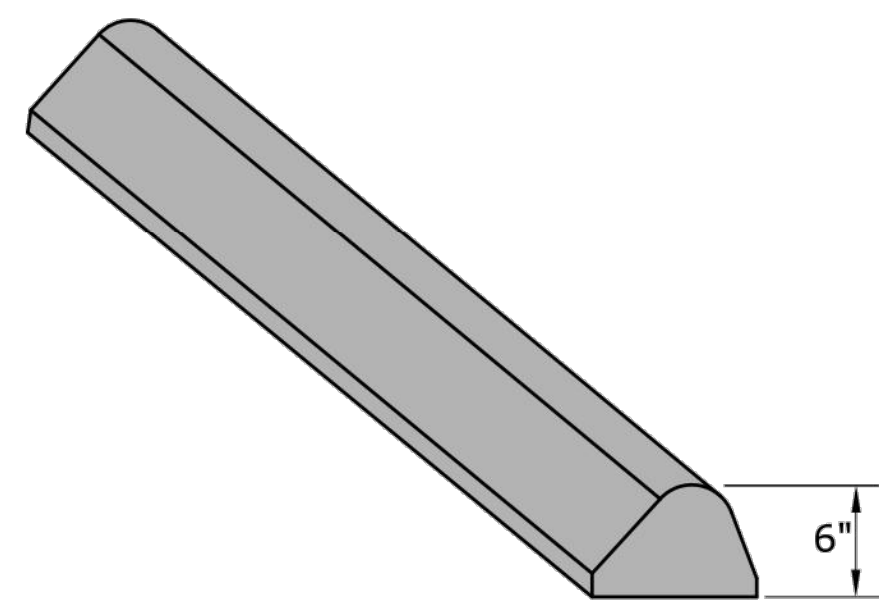
**ELEVATION- END BEARING BAR
CATCH BASIN GRATE TYPE B**



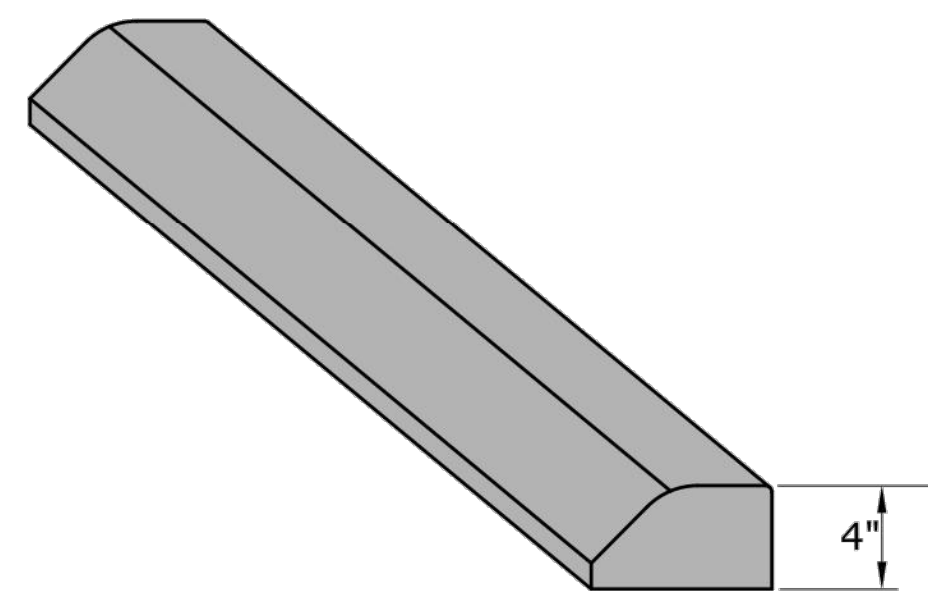
**WELDED STUD ANCHOR DETAILS
STEEL FRAME**

ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED

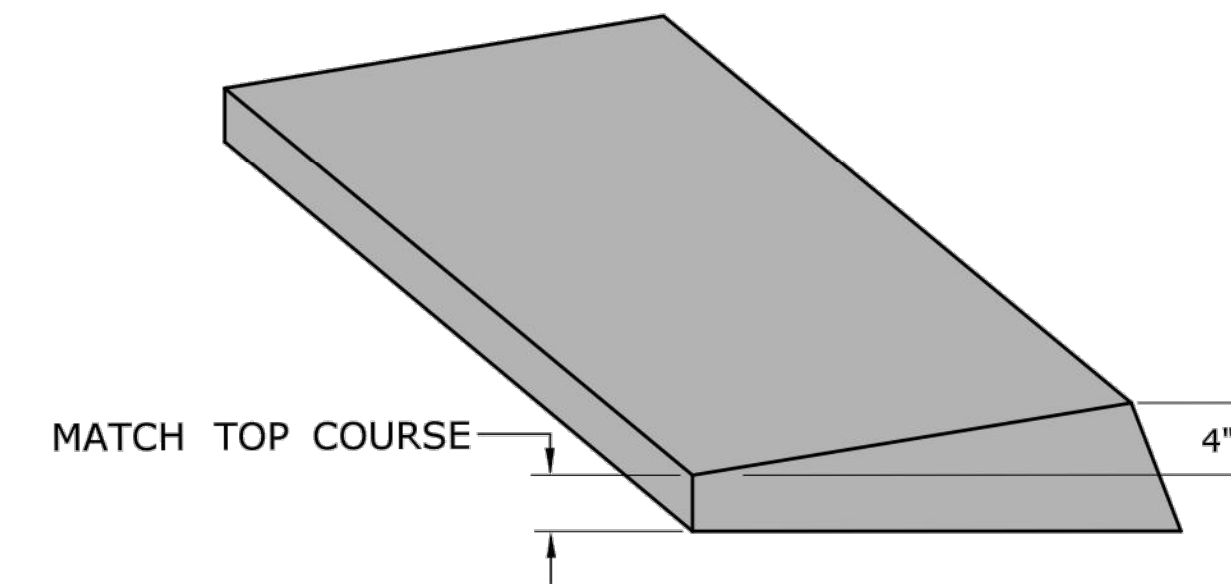
THE INFORMATION INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION		SUBMITTED BY: Timothy M. Wilson 2009.09.16 11:16:32 -04'00'	CTDOT STANDARD SHEET	CATCH BASIN FRAMES AND GRATES	STANDARD SHEET NO.: HW-507_08
NOT TO SCALE		APPROVED BY: James H. Norman 2009.09.18 14:22:33 -04'00'		OFFICE OF ENGINEERING			
REV. DATE	REVISION DESCRIPTION	Plotted Date: 9/11/2009	Filename: CTDOT_HIGHWAY_STD.dgn	Model: HW-507_08			



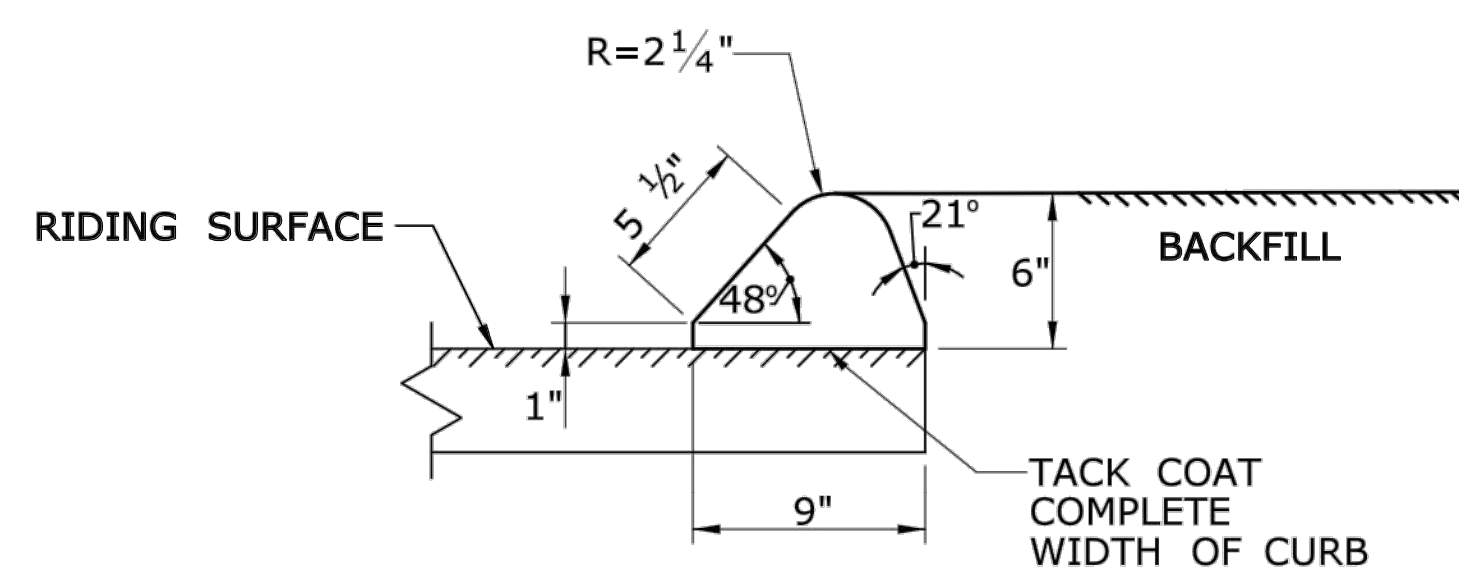
**BITUMINOUS CONCRETE LIP CURBING
(6" HIGH)**



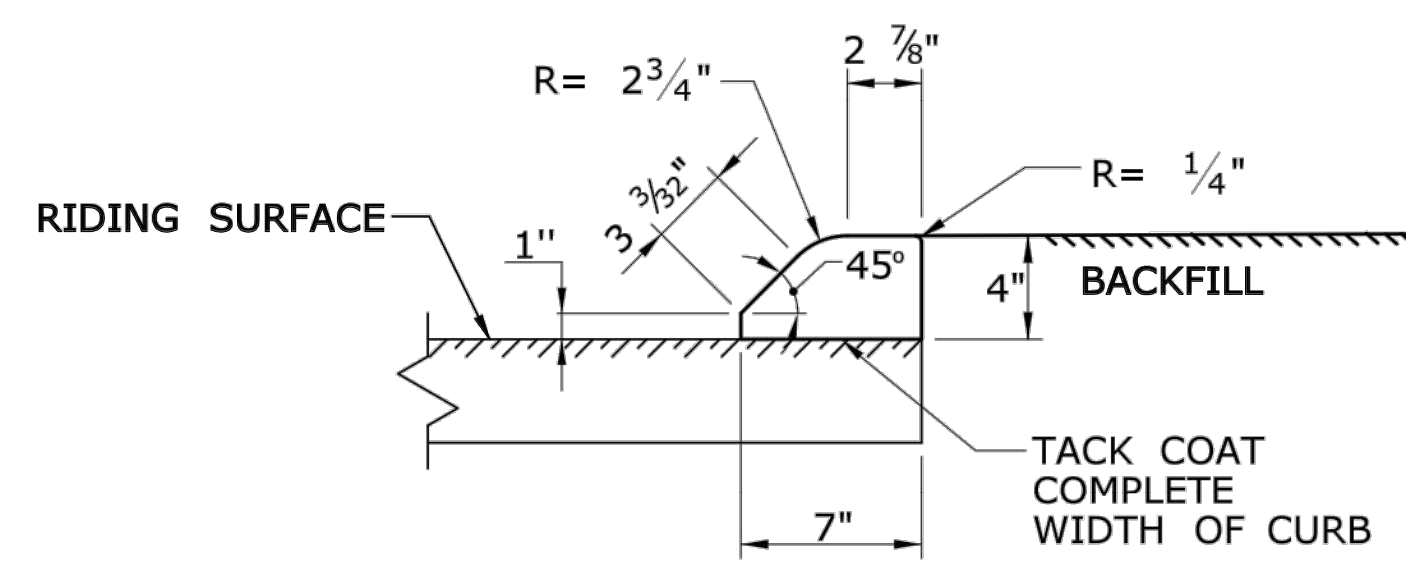
**BITUMINOUS CONCRETE PARK CURBING
(4" HIGH)**



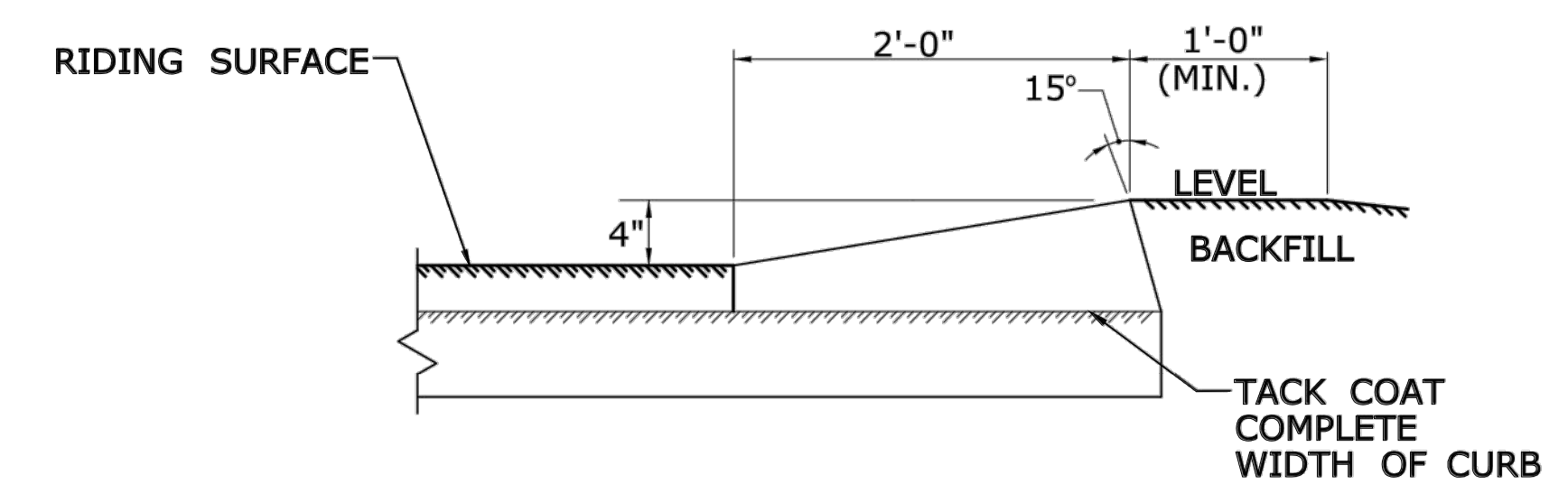
**BITUMINOUS CONCRETE BERM CURBING
(4" HIGH)**



SECTION

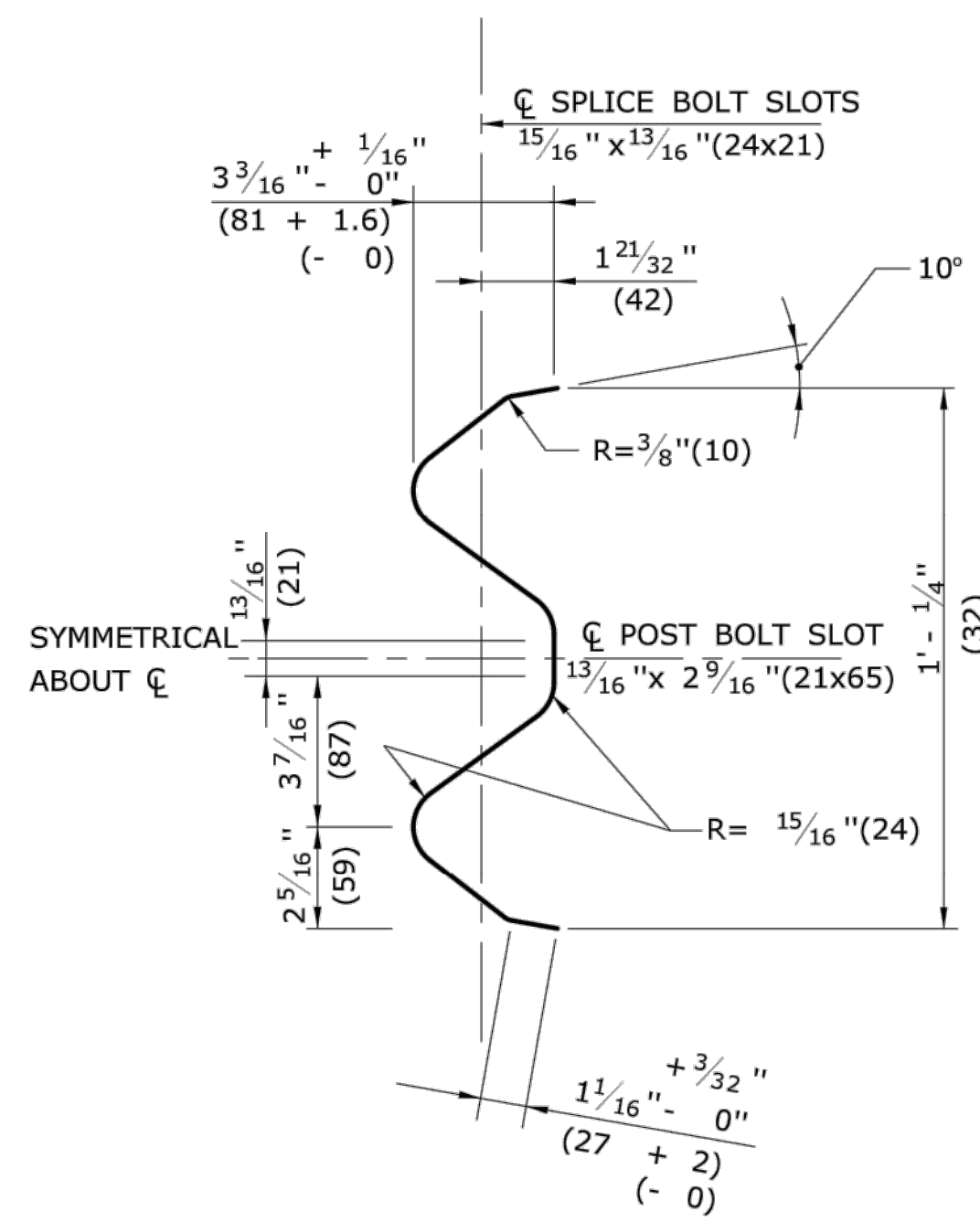


SECTION



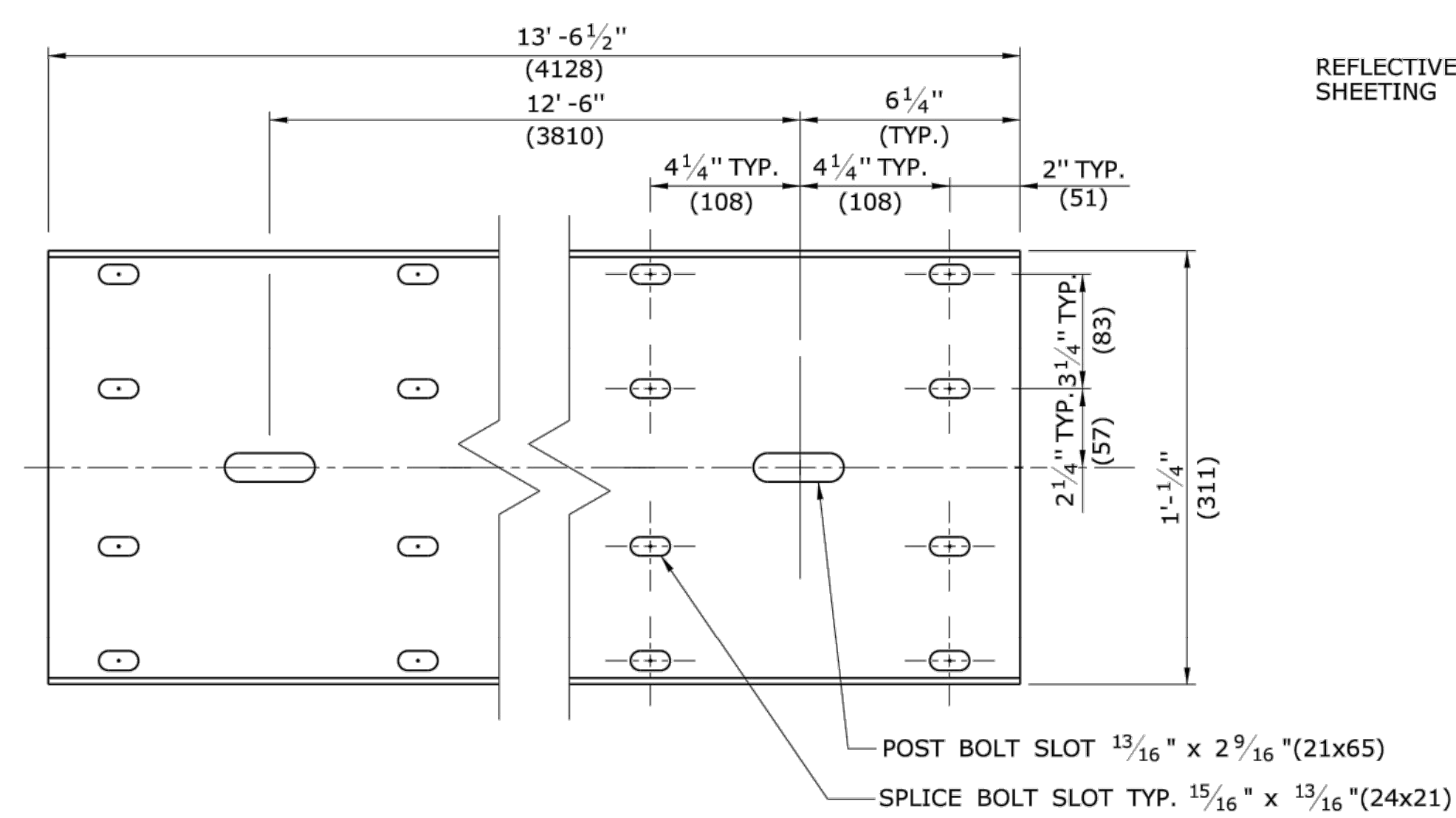
SECTION

1	6/17	NEW SHEET	THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED. Plotted Date: 6/6/2017	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SUBMITTED BY: NAME/DATE/TIME: Leo Fontaine, P.E. 2017.06.07 07:33:51-04'00'	CTDOT STANDARD SHEET OFFICE OF ENGINEERING	STANDARD SHEET TITLE: BITUMINOUS CONCRETE CURBING	STANDARD SHEET NO.: HW-815_01
REV.	DATE	REVISION DESCRIPTION			NOT TO SCALE Filename: HW-815_01.dgn Model: CT-Civil.2D_Sheet		APPROVED BY: NAME/DATE/TIME: Gregory M. Dorosh, P.E. 2017.06.07 10:44:27-04'00'	

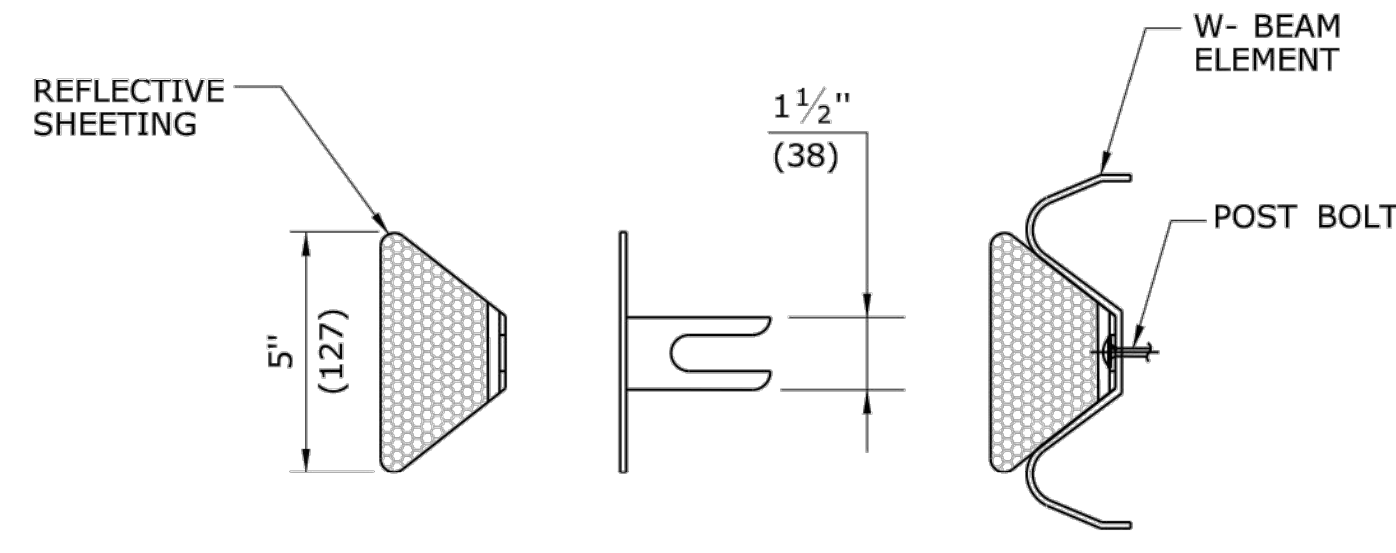


**SELECTION THRU RAIL ELEMENT
END VIEW**

NOTE: ALL DIMENSIONS SUBJECT TO MANUFACTURING TOLERANCES



**TYPICAL W-BEAM RAIL ELEMENT
CLASS A, TYPE II**



DELINEATOR DETAIL

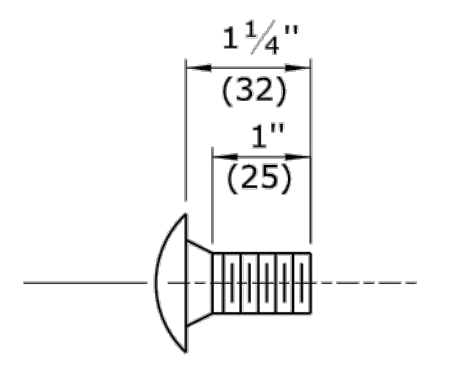
GENERAL NOTES:

1. NEW R-B 350 GUIDERAIL INCLUDING SYSTEMS, ANCHORS AND TRANSITIONS INSTALLED ON EXPRESSWAYS AND RAMPS SHALL USE CLASS B TYPE II (10 GAUGE) W-BEAM RAIL ELEMENTS.
2. W6x9 (W150x14) POSTS MAY BE USED IN PLACE OF W6 x 8.5(W150x13) POSTS.
3. W8x13 (W200x19) POSTS, 7'-6"(2286) LONG, ARE USED WITH TRANSITIONS TO VERTICAL OR SAFETY SHAPE PARAPETS (POSTS 1 AND 2) AND SYSTEM 6.
4. W6x8.5 (W150x13) POSTS, 6'-0"(1829) LONG, ARE USED WITH TRANSITIONS TO VERTICAL OR SAFETY SHAPE PARAPETS (POSTS 3 THROUGH 6), MD-B 350, SYSTEM 5 & 5A, AND STANDARD R-B 350 GUIDERAIL.

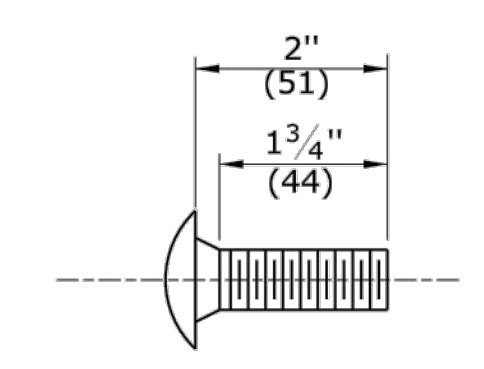
DELINEATOR NOTES:

1. DELINEATORS SHALL BE FORMED OF .080 POLY-CARBONATE OR .080 SHEET ALUMINUM IN ACCORDANCE WITH M.18.13.
2. REFLECTIVE SHEETING SHALL CONFORM TO M.18.09.2.
3. DELINEATORS SHALL BE INSTALLED ON THE POST CLOSEST TO THE DESIGNATED SPACING.
4. REFLECTIVE SHEETING SHALL BE WHITE EXCEPT ON THE LEFT SIDE OF DIVIDED STREETS, HIGHWAYS, RAMPS, AND ONE WAY ROADS IN THE DIRECTION OF TRAVEL WHERE IT SHALL BE YELLOW.
5. INSTALL DELINEATORS ON RAIL THAT IS PARALLEL TO AND NOT GREATER THAN 6'(1829) FROM THE EDGE OF THE ROADWAY. A MINIMUM OF THREE DELINEATORS MUST BE INSTALLED ON ANY RUN OF RAIL.

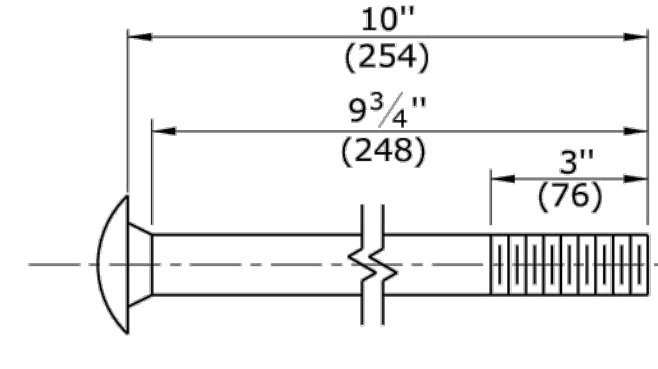
DELINEATOR SPACING:
 RADIUS $\geq 300'(91440)$ - SPACE EVERY 50'(15.24m)
 RADIUS $< 300'(91440)$ - SPACE EVERY 25'(7.62m)



**W-BEAM SPLICE
BOLT DETAIL**

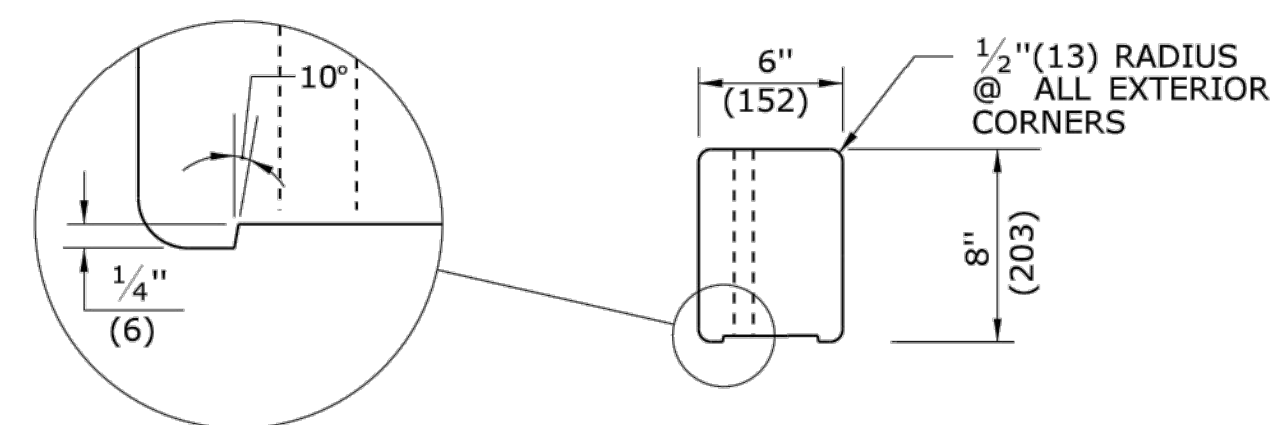


**POST BOLT DETAIL
FOR R-B 350
SYSTEM 6 RUBRAIL**

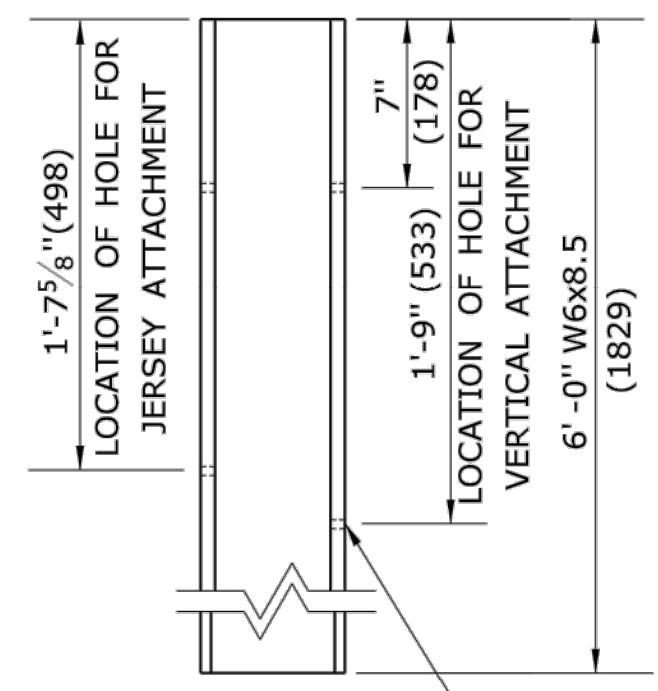
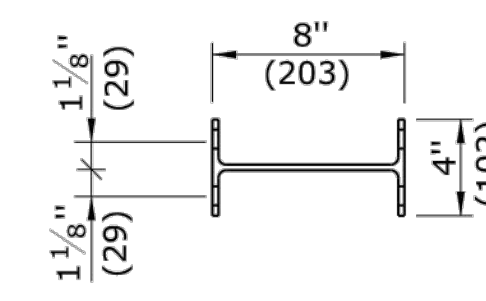
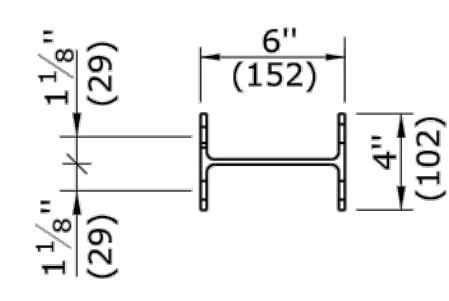


**POST BOLT DETAIL FOR R-B 350
AND MD-B 350 GUIDERAIL**

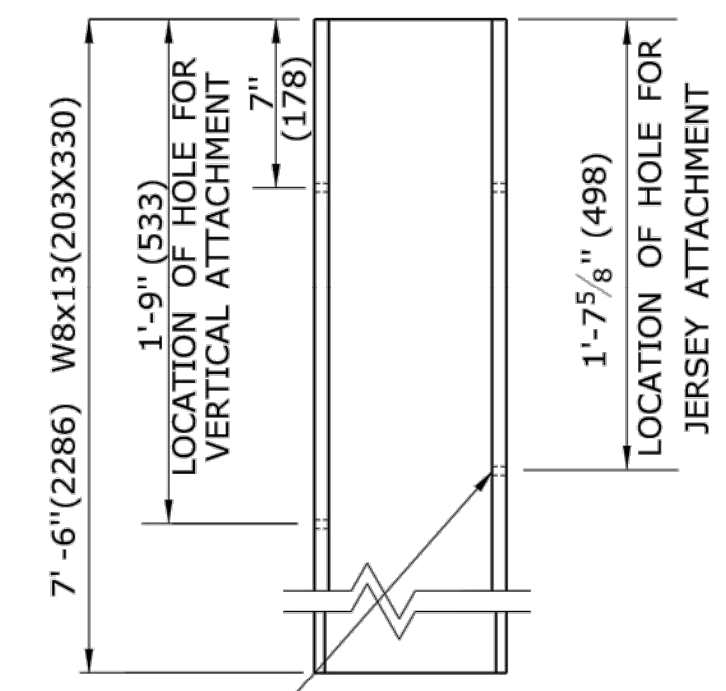
(UNTHREADED PORTION NOT TO EXCEED $6\frac{3}{4}''(171)$)



PLAN



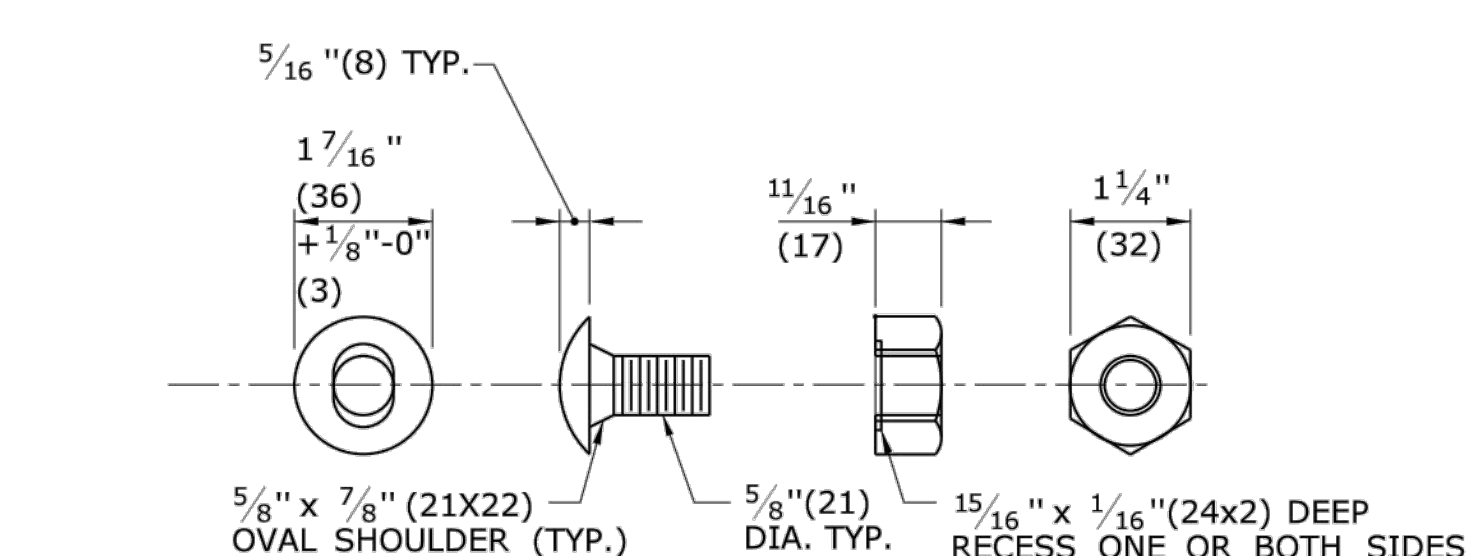
**W6x8.5 POST
(W150x13)
6'-0"(1829) LONG**



**W8x13 POST
(W200x19)
7'-6"(2286) LONG**

**BOLT HOLE LAYOUT FOR W8x13(W200x19)
AND W6x8.5 (W150x13) UNIFORM POST**

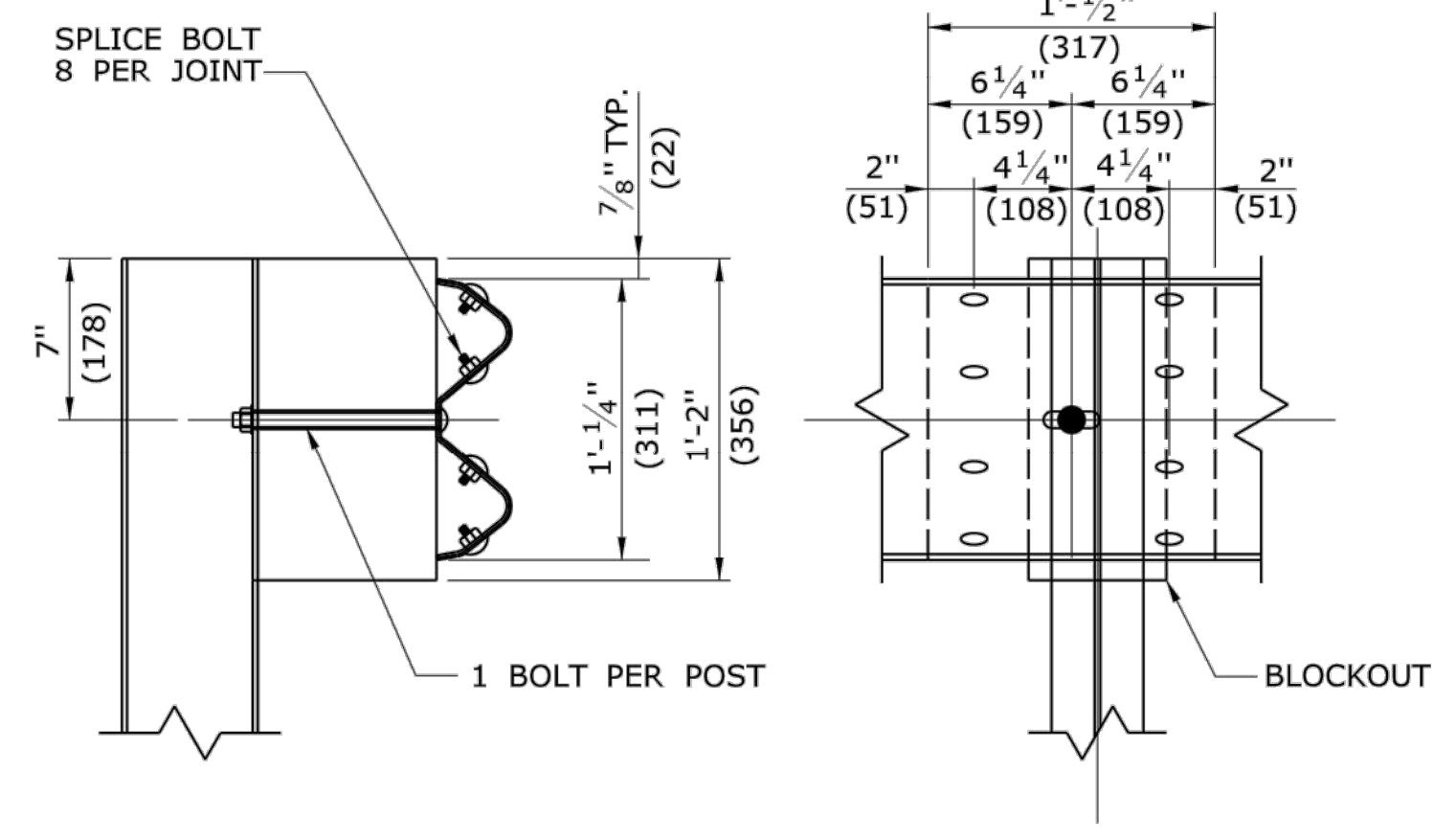
(REFER TO GENERAL NOTES)



BUTTONHEAD BOLT

HEX NUT

NOTE: AFTER GALVANIZING, THE NUT SHALL BE FREE RUNNING ON THE BOLT. DIAMETER SHOWN IS TYPICAL FOR ALL GUIDERAIL BOLTS. SEE DETAILS ABOVE FOR SPECIFIC LENGTHS.

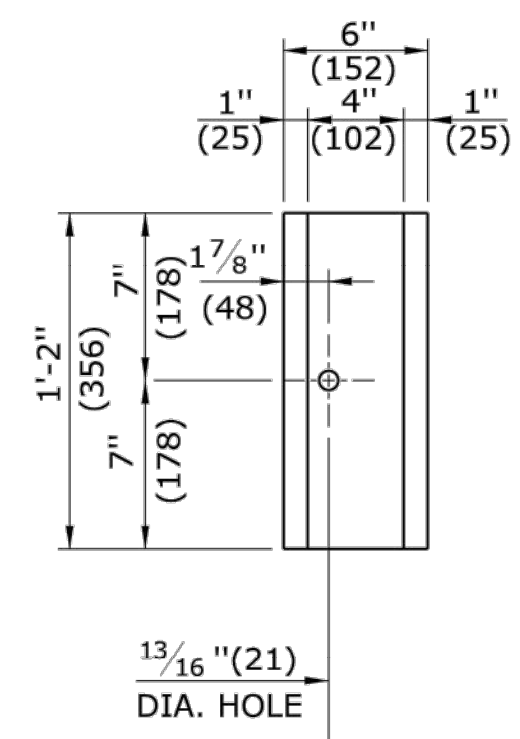


SECTION

ELEVATION

LAP DETAIL

NOTE: LAP RAIL SECTION IN DIRECTION OF TRAFFIC



ELEVATION

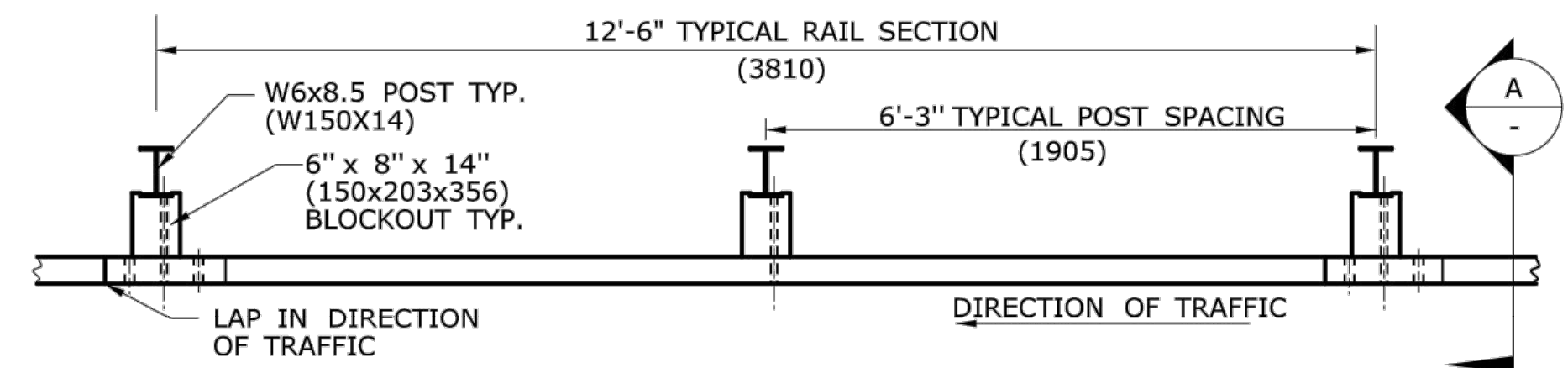
**R-B 350 PLASTIC
BLOCKOUT DETAIL**

ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

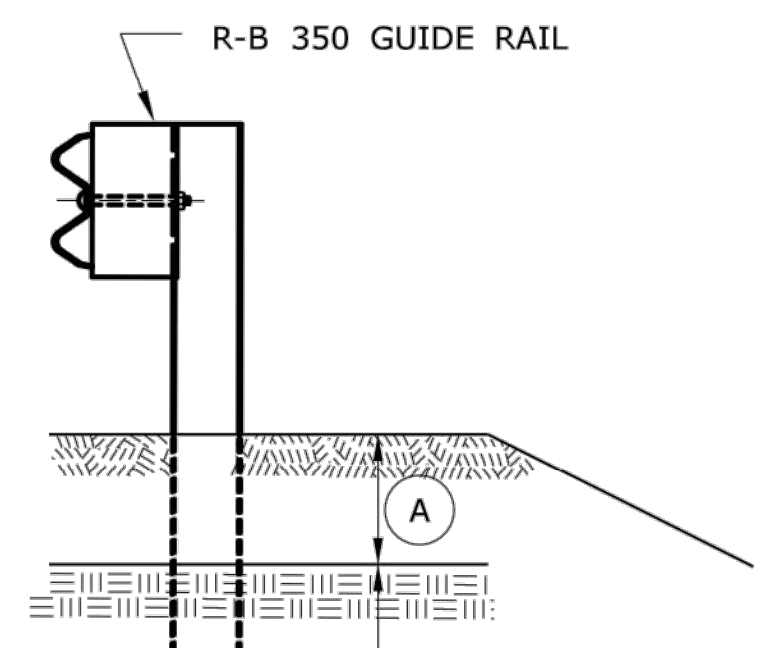
1	6/11	REMOVE WEATHERING STEEL NOTES	-	THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	NOT TO SCALE	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p>	SUBMITTED BY: [Signature] NAME/DATE/TIME: [Blank] APPROVED BY: [Signature] NAME/DATE/TIME: James H. Norman 2011.06.09 15:12:16 -04'00'	CTDOT STANDARD SHEET OFFICE OF ENGINEERING	STANDARD SHEET TITLE: W-BEAM METAL BEAM RAIL HARDWARE	STANDARD SHEET NO.: HW-910_01
REV.	DATE	REVISION DESCRIPTION		Plotted Date: 5/10/2011	Filename: CTDOT_HIGHWAY STD_JUNE2011.dgn Model: 36-HW-910_01					

GENERAL NOTES:

- SEE SHEET HW-910.01 FOR HARDWARE AND DELINEATOR DETAILS.
- MAXIMUM DESIGN DEFLECTION FOR R-B 350 GUIDERAIL AT THE STANDARD POST SPACING OF 6'-3"(1905) IS 4'-3"(1295). DEFLECTION REQUIREMENT IS MEASURED FROM THE BACK OF POST TO THE FACE OF OBJECT.
- FOR CURVES WITH RADII OF 150'(45.7m) OR LESS, ALL RAIL ELEMENTS SHALL BE SHOP FABRICATED TO THE PROPER RADIUS AND GALVANIZED AFTER FABRICATION. RADIUS RAIL WHEN REQUIRED AND NOTED ON THE PLANS, IS INCLUDED IN THE PAY ITEM FOR GUIDERAIL.
- RAIL HEIGHT WITH CURBING SHALL BE MEASURED FROM THE TOP OF PAVEMENT. ON HIGH SPEED ROADWAYS (>45mph 72.4kph), 4"(102) CURBING MAY BE USED IN CONJUNCTION WITH GUIDERAIL AND THE RAIL ELEMENT SHALL BE PLACED FLUSH WITH THE FACE OF CURB. ON LOW SPEED ROADWAYS (<45mph 72.4kph), 6"(152) CURBING MAY BE USED IN CONJUNCTION WITH GUIDERAIL AND THE RAIL ELEMENT SHALL BE PLACED A MAXIMUM OF 9"(229) BEHIND THE FACE OF CURB.
- THREE BLOCKOUTS MAY BE USED FOR ONE POST ONLY. TWO BLOCKOUTS MAY BE USED FOR A SERIES OF POSTS. THE COST OF ADDITIONAL BLOCKOUTS AND LONGER BOLTS SHALL BE INCLUDED IN THE BID PRICE PER FOOT OF GUIDERAIL. EXTRA BLOCKOUTS AT TRANSITION TO BRIDGE PARAPETS SHOULD BE AVOIDED.
- W-BEAM GUIDERAIL MAY BE PLACED 1'(305) OR MORE FROM THE EDGE OF PAVEMENT ONLY ON SLOPES 10:1 OR FLATTER AND WITHOUT CURBING. IF THE RAIL IS INSTALLED WITHIN 2'(610) OF THE EDGE OF PAVEMENT, THE RAIL HEIGHT IS MEASURED FROM THE SHOULDER SLOPE EXTENDED TO THE RAIL. IF THE RAIL IS INSTALLED BEYOND 2'(610) FROM THE EDGE OF PAVEMENT, THE RAIL HEIGHT IS MEASURED FROM THE GROUND DIRECTLY BELOW THE RAIL.
- ALL R-B 350 GUIDERAIL TYPES INSTALLED ON EXPRESSWAYS AND RAMP SHALL USE CLASS B, TYPE-II (10 GAUGE) W-BEAM RAIL ELEMENTS.
- 20" (507) DIA. EXCAVATED HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL, OR GRANULAR FILL COMPACTED IN 6" (150) LIFTS BEFORE DRIVING POST OR POSTS MAY BE SET IN EXCAVATED HOLE AND BACKFILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM). 8" (203) DIA. HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL.
- AS DIRECTED BY THE ENGINEER AND WHERE PAVEMENT FOR RAILING IS NOT BEING INSTALLED, A MIN. 6" DEPTH OF PROCESSED AGGREGATE SHALL BE INSTALLED FROM THE PAVEMENT EDGE OR BACK OF CURB TO A MINIMUM OF 2'(610) BEHIND THE GUIDERAIL POST AND COMPACTED IN 6" (150) LIFTS.
- MINIMUM RAIL HEIGHT FOR NEW CONSTRUCTION SHALL BE 29" (737) ± 1" (25).



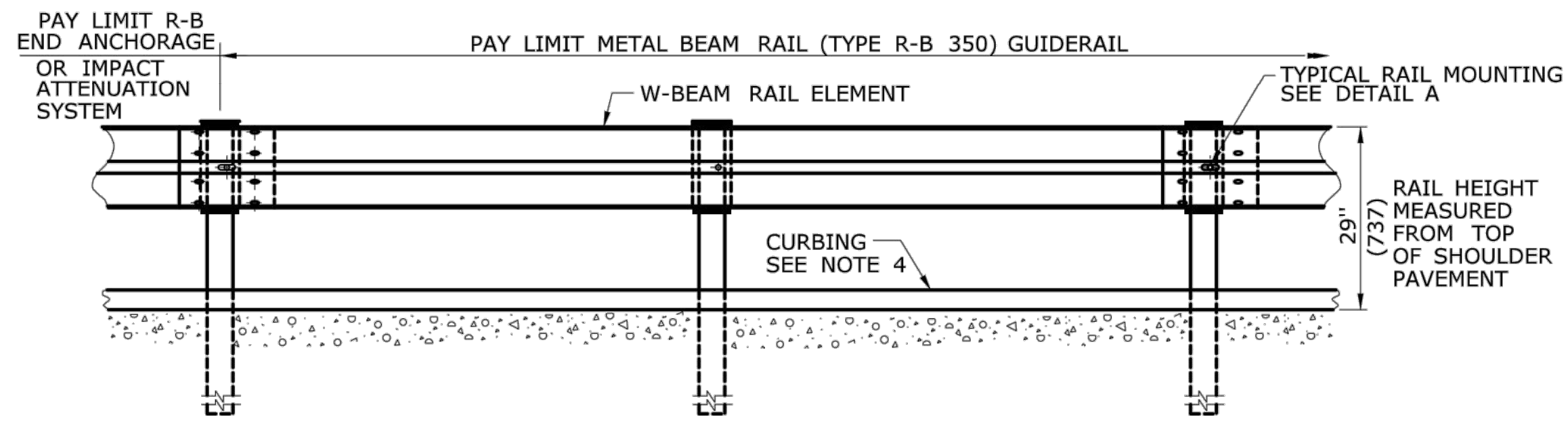
PLAN



ELEVATION
(SEE NOTE 8)

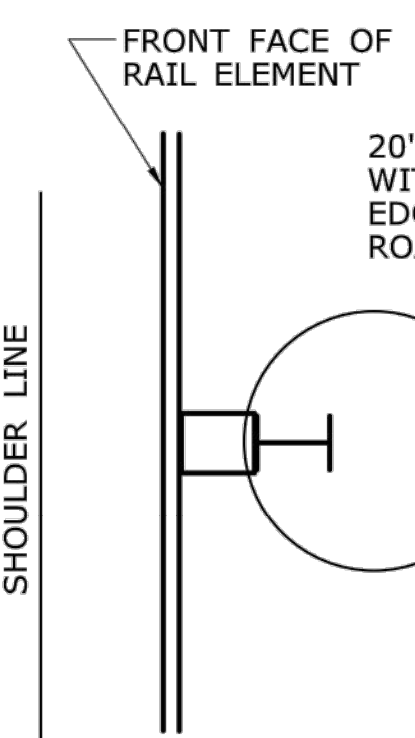
CONDITION 1 :
IF SOIL DEPTH IS < 18" (457) DEEP (A) DRILL 20" (507) DIA. HOLE 24" (610) INTO LEDGE (B)

CONDITION 2 :
IF SOIL DEPTH IS > 18" (457) DEEP (A) DRILL 8" (203) DIA. HOLE 1' (305) INTO LEDGE (B) OR TO THE DEPTH OF FULL EMBEDMENT OF 42 1/8" (1070) WHICHEVER IS LESS.

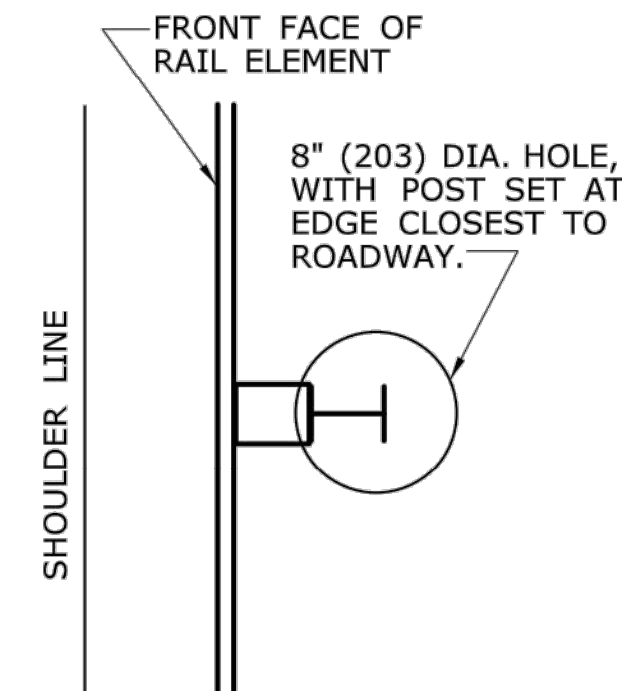


ELEVATION

METAL BEAM RAIL (TYPE R-B 350)

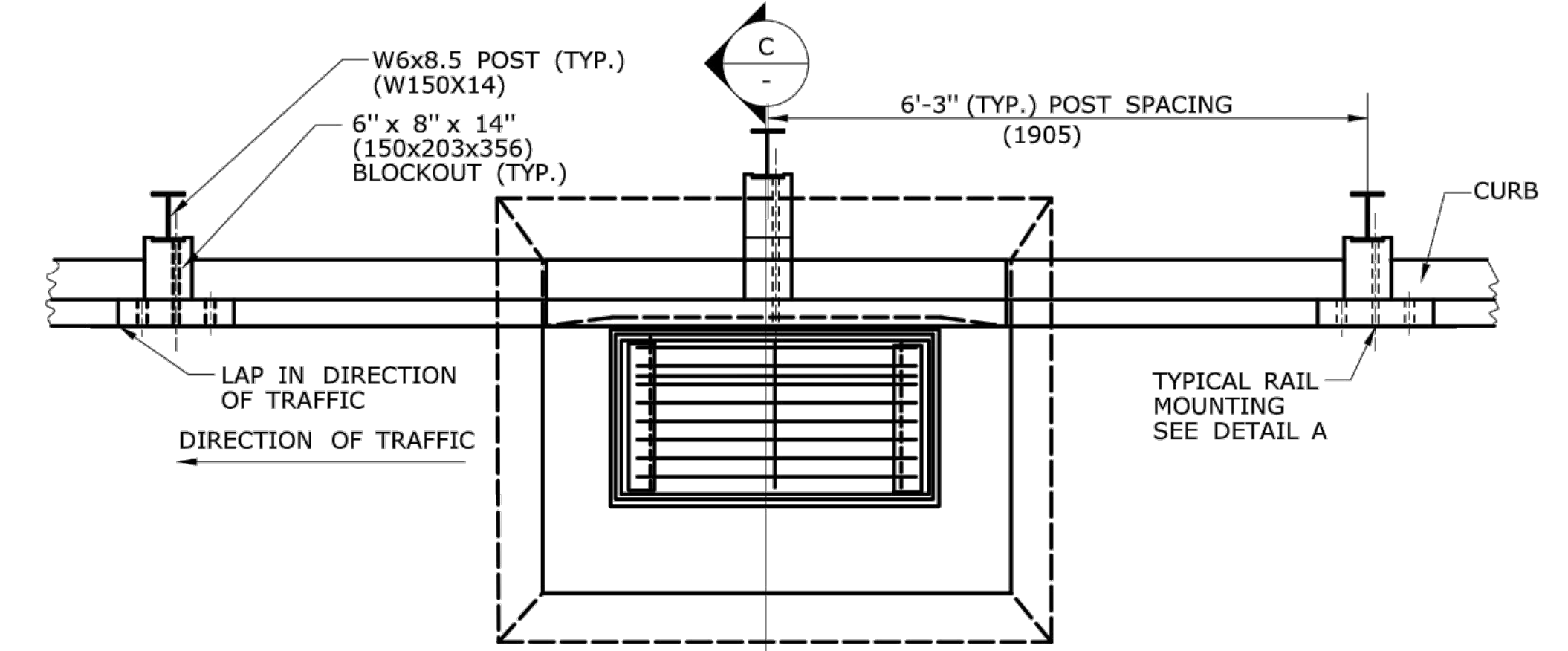


PLAN CONDITION 1
(SEE NOTE 8)

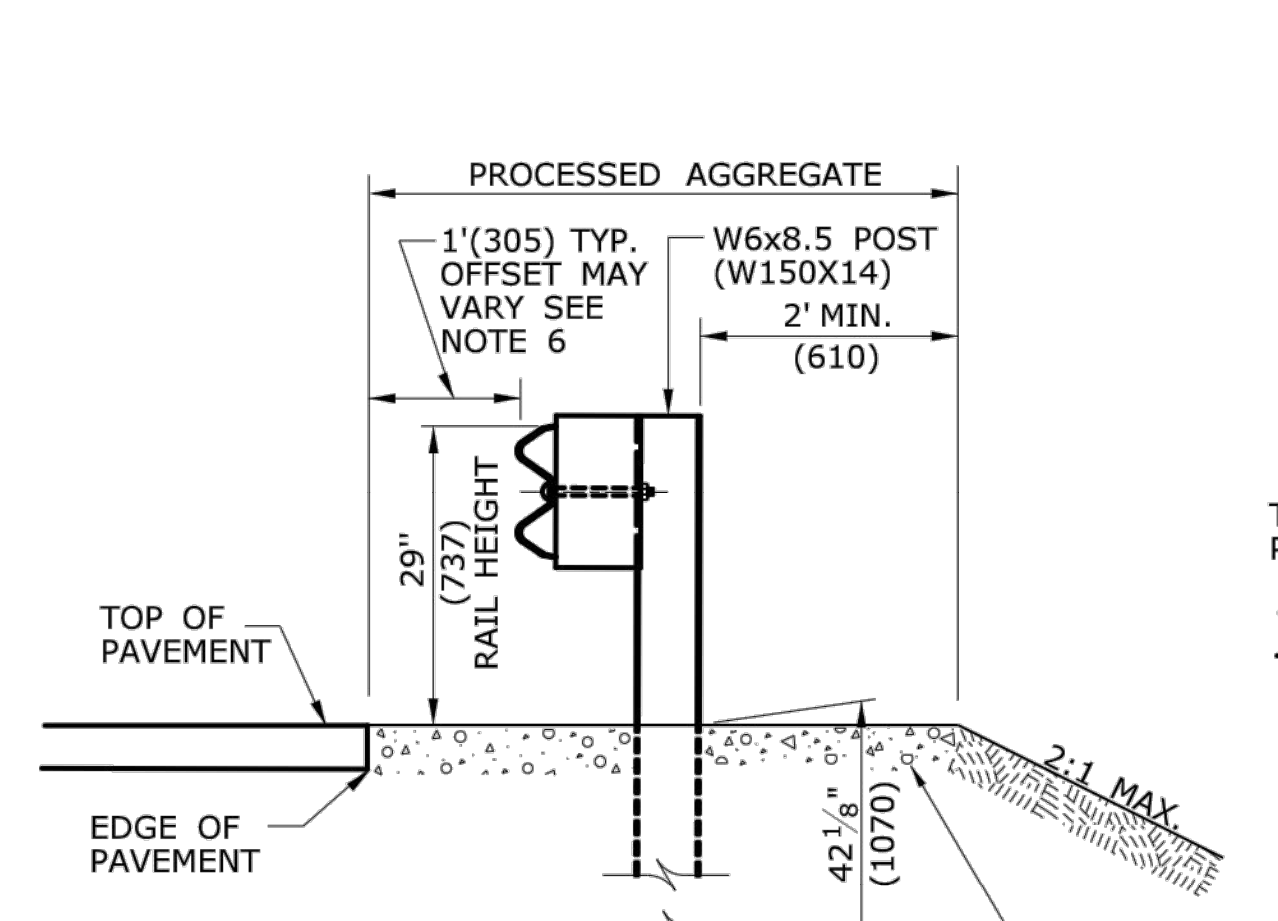


PLAN CONDITION 2
(SEE NOTE 8)

DRILLING IN ROCK FOR GUIDERAIL POSTS

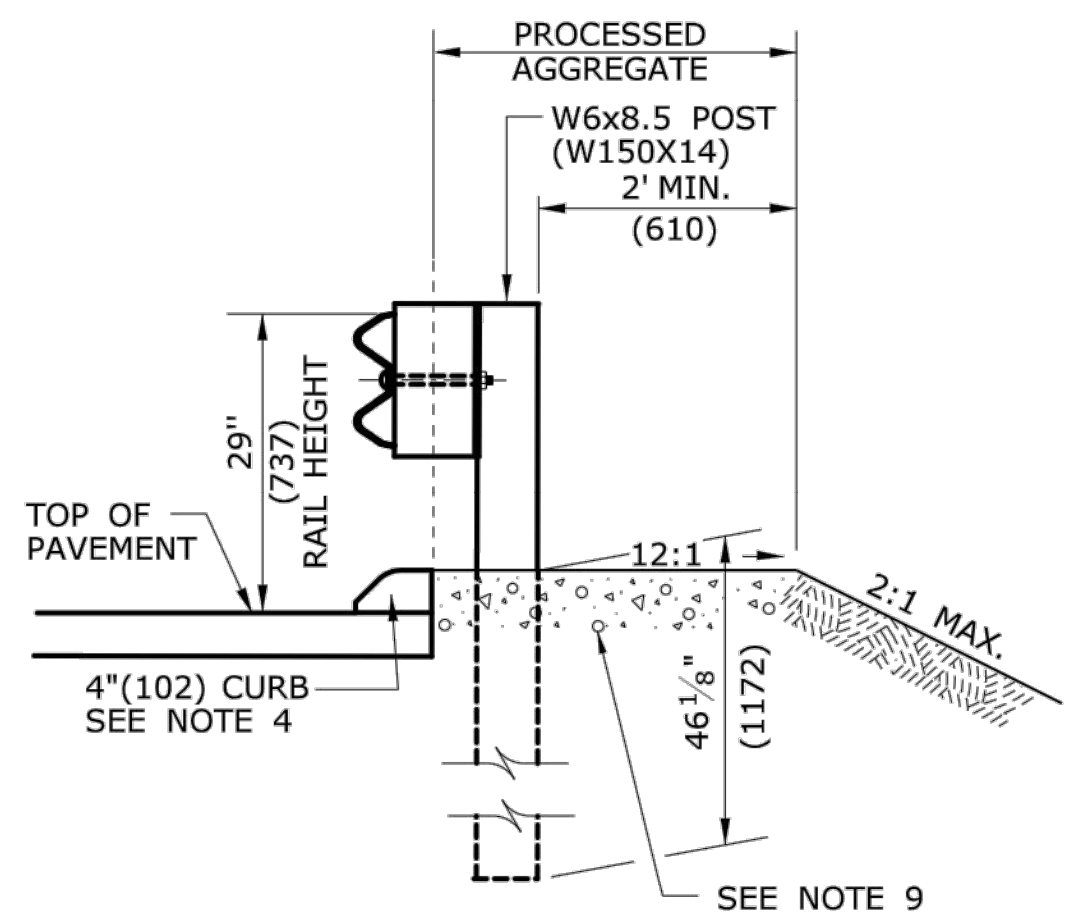


PLAN



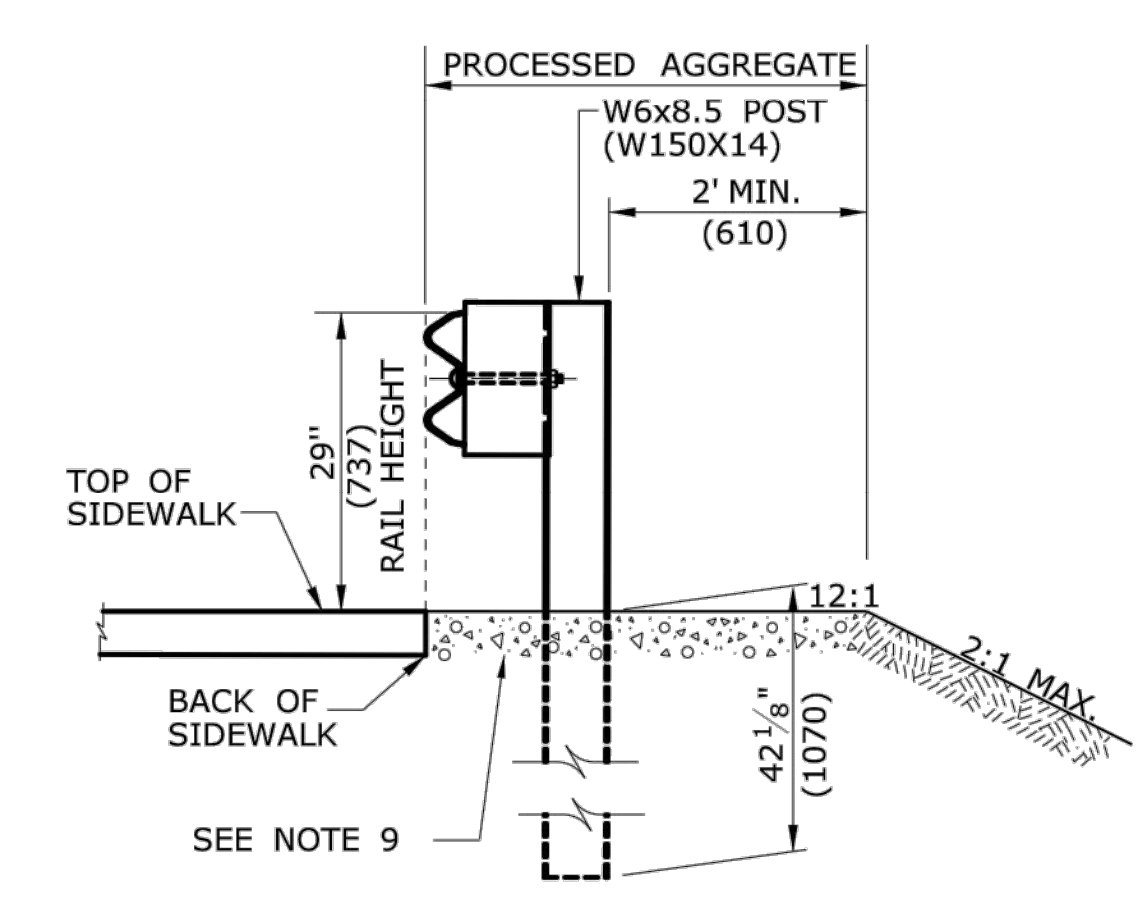
SECTION A

NO CURB APPLICATION



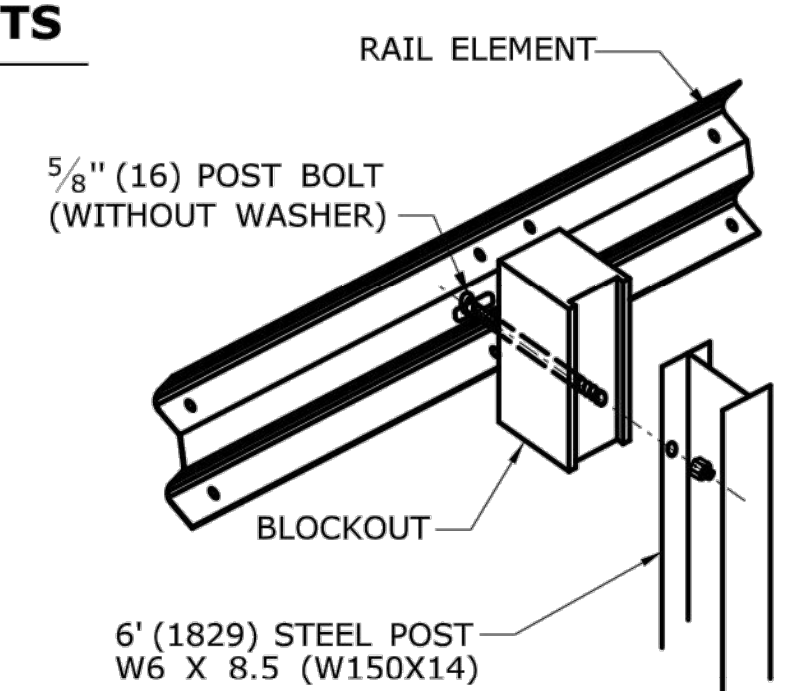
SECTION A

CURB APPLICATION

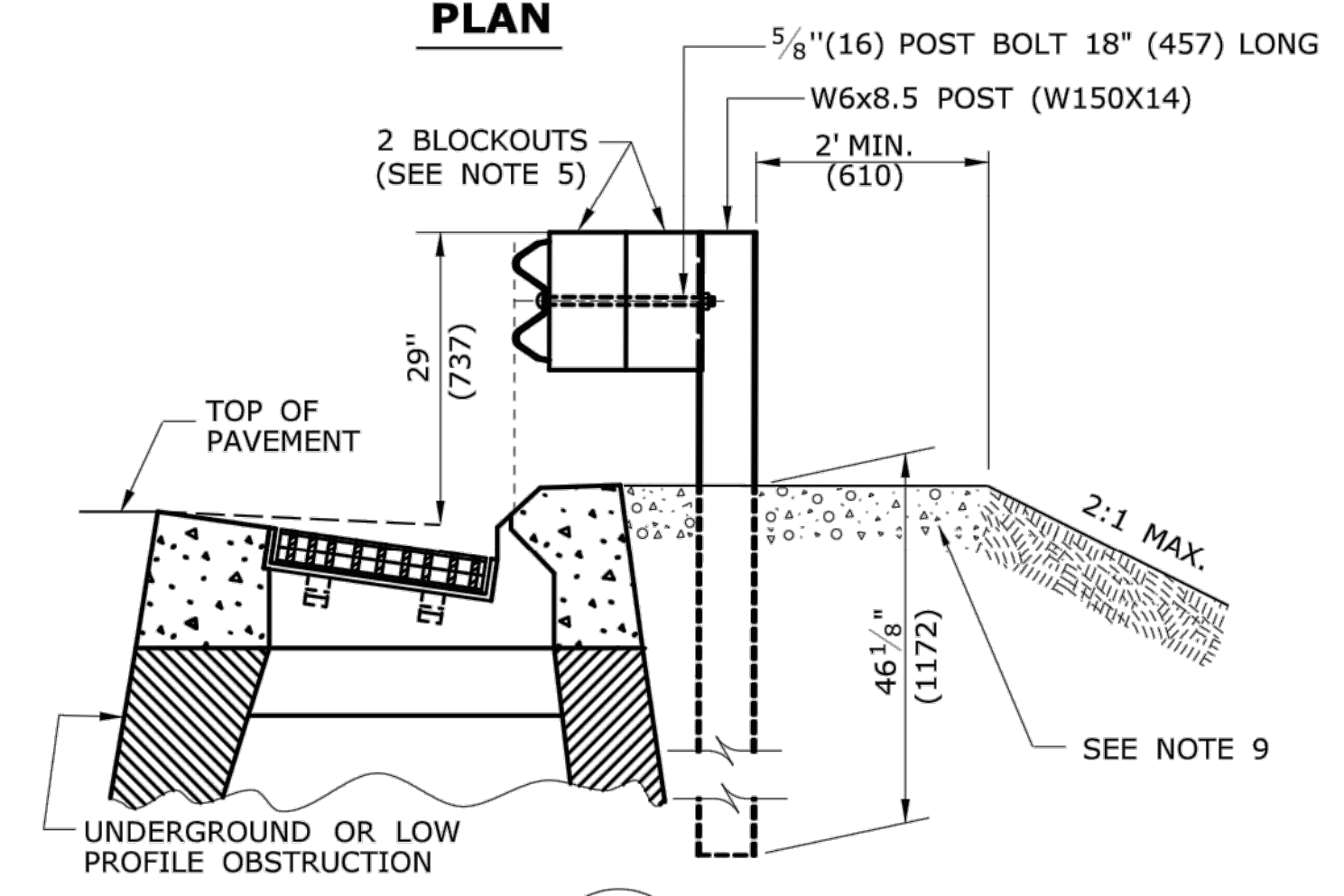


SECTION A

SIDEWALK APPLICATION



DETAIL A
RAIL MOUNTING



SECTION C

MULTIPLE BLOCKOUT APPLICATION (MAY BE USED TO AVOID UNDERGROUND OR LOW PROFILE OBSTRUCTION)

REV.	DATE	REVISION DESCRIPTION
1	6/11	REVISED NOTE 9 FOR USE OF PROCESSED AGGREGATE AND REMOVED NOTE 6 FOR WEATHERING STEEL
-	-	-
-	-	-
-	-	-
-	-	-

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NOT TO SCALE

Plotted Date: 5/10/2011

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

FILENAME: CTDOT_HIGHWAY STD_JUNE2011.dgn Model: 37- HW-910_02

SUBMITTED BY: NAME/DATE/TIME:

APPROVED BY: NAME/DATE/TIME:

James H. Norman
2011.06.09 15:12:46 -04'00

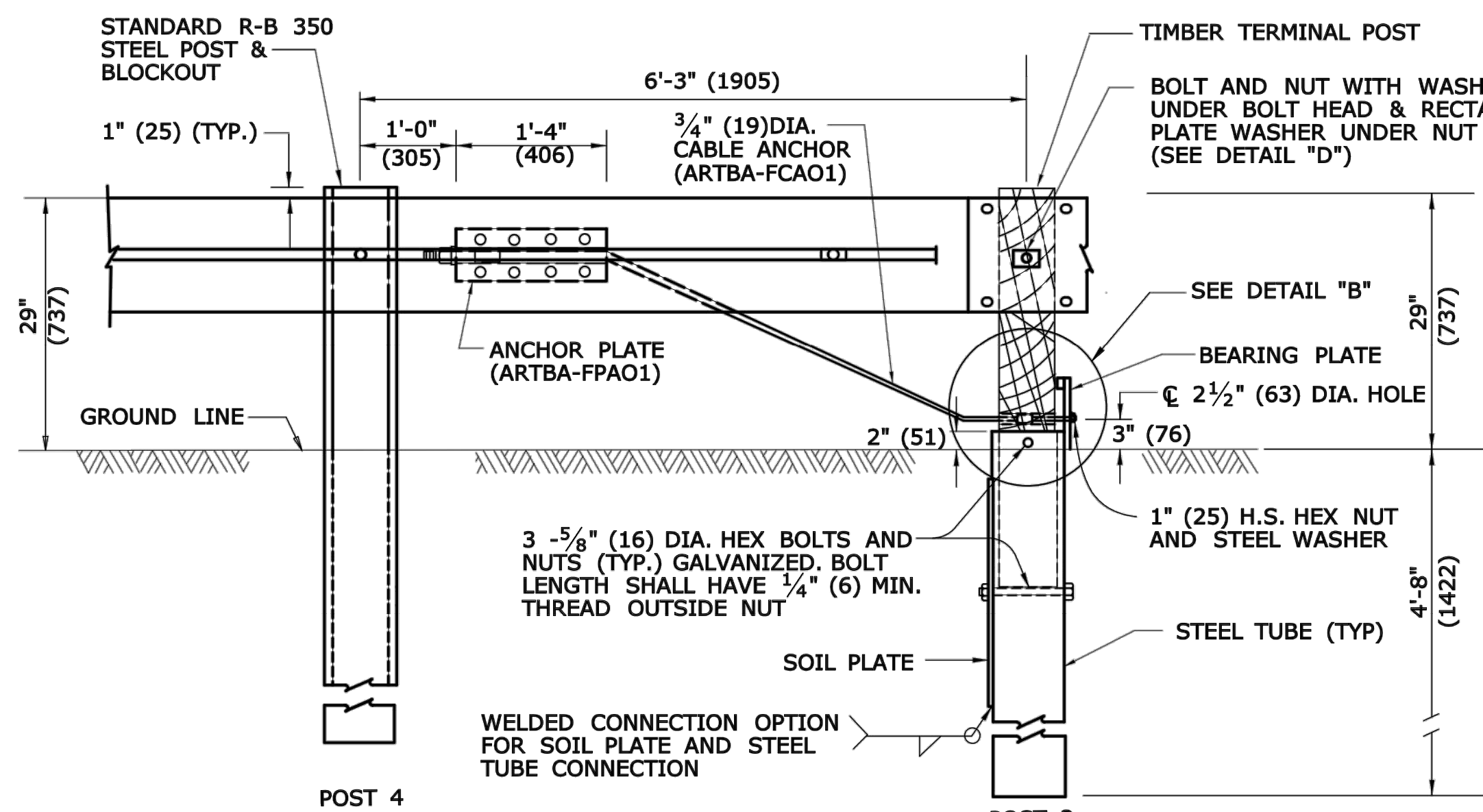
CTDOT
STANDARD SHEET

OFFICE OF ENGINEERING

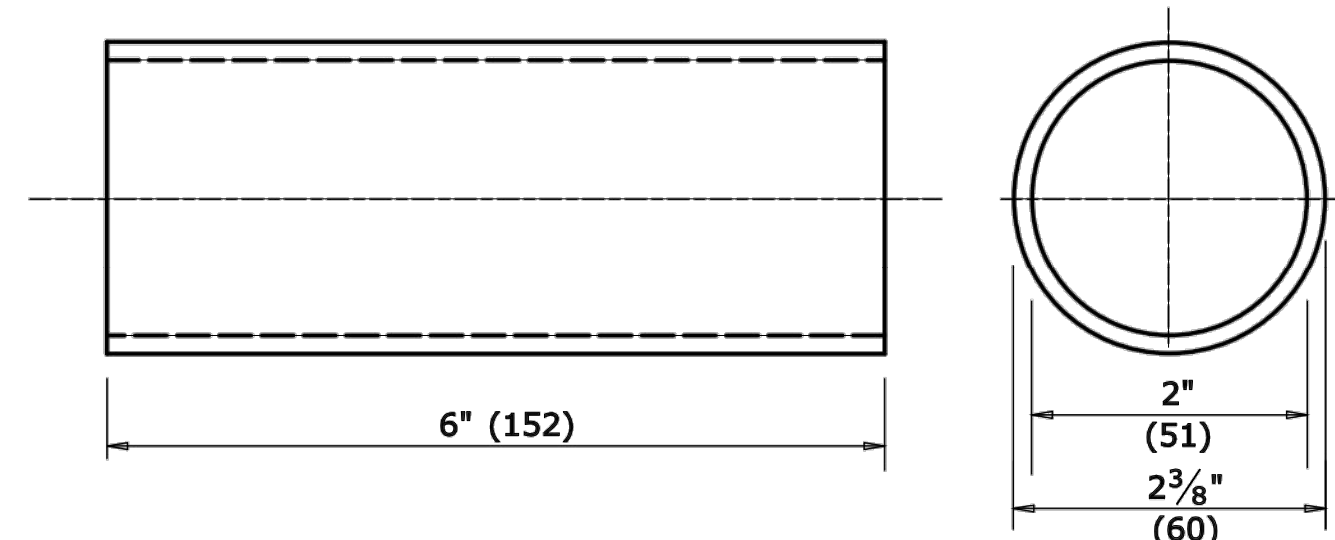
ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

STANDARD SHEET TITLE: METAL BEAM RAIL (TYPE R-B 350) GUIDERAIL

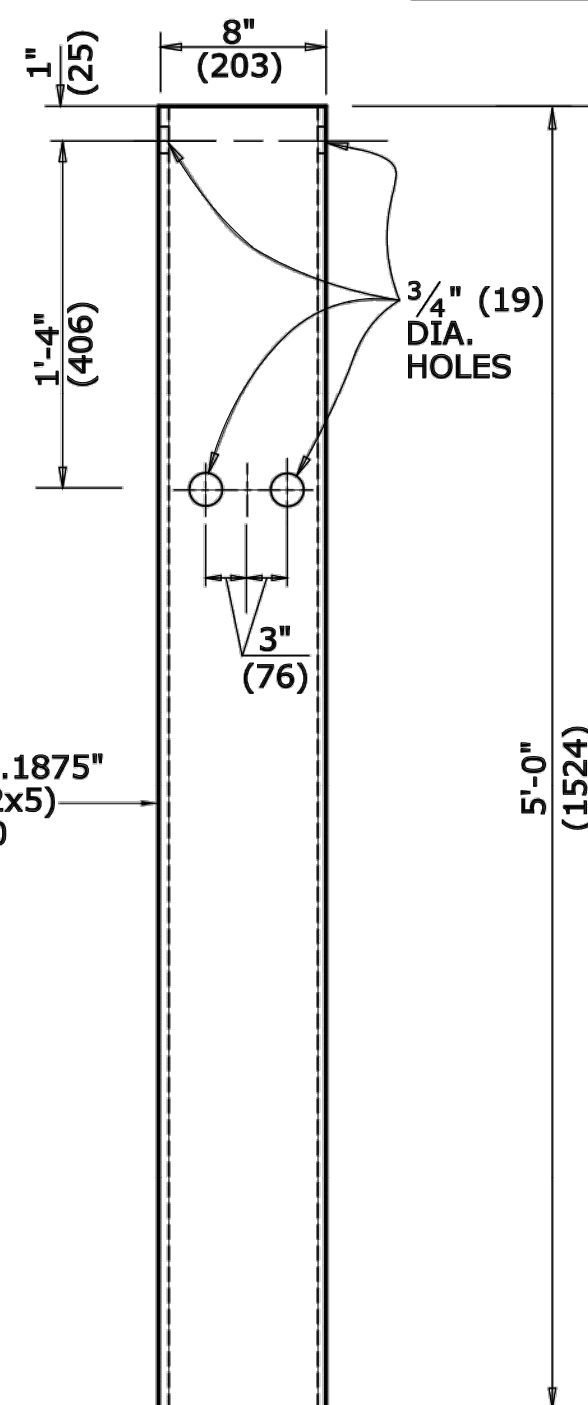
STANDARD SHEET NO.: HW-910_02



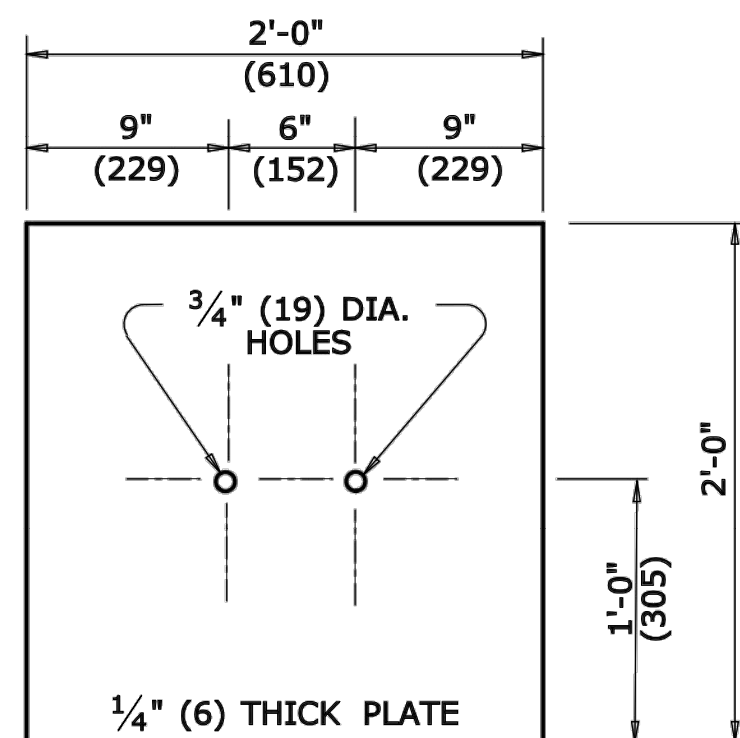
DETAIL A
CABLE ANCHORAGE ASSEMBLY



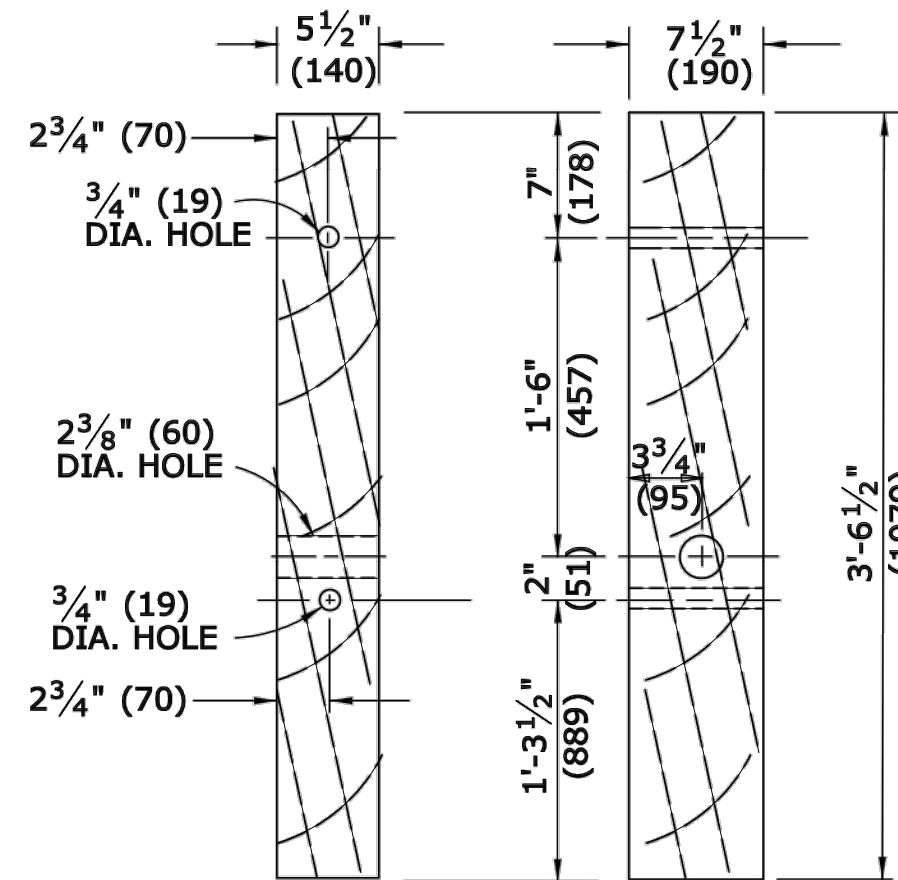
BREAKAWAY TERMINAL POST SLEEVE
(ARTBA-FMMO2)



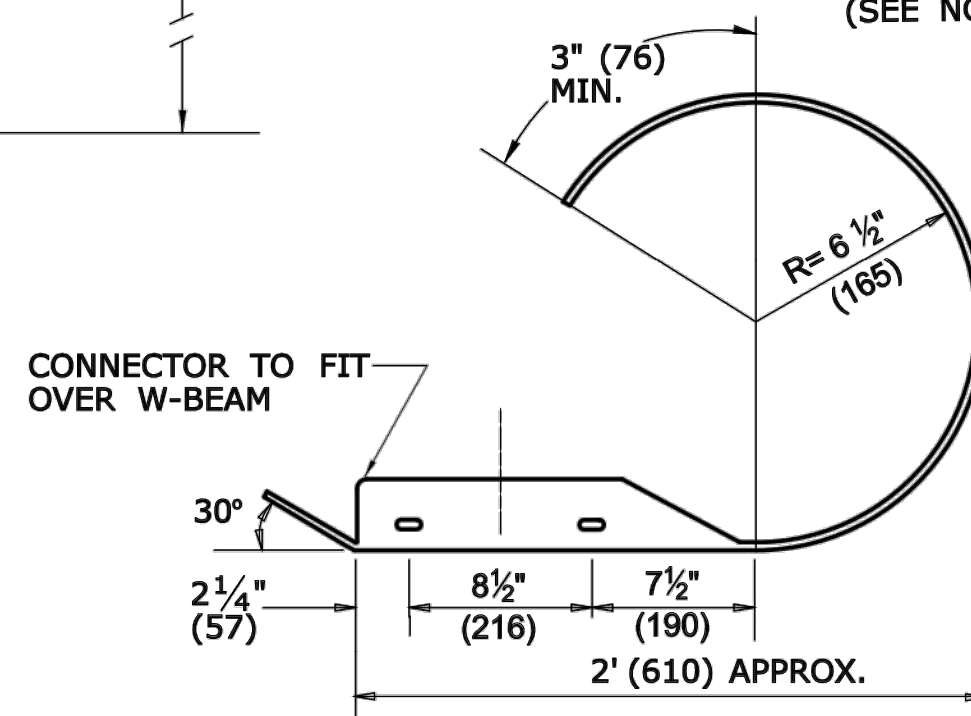
STEEL TUBE



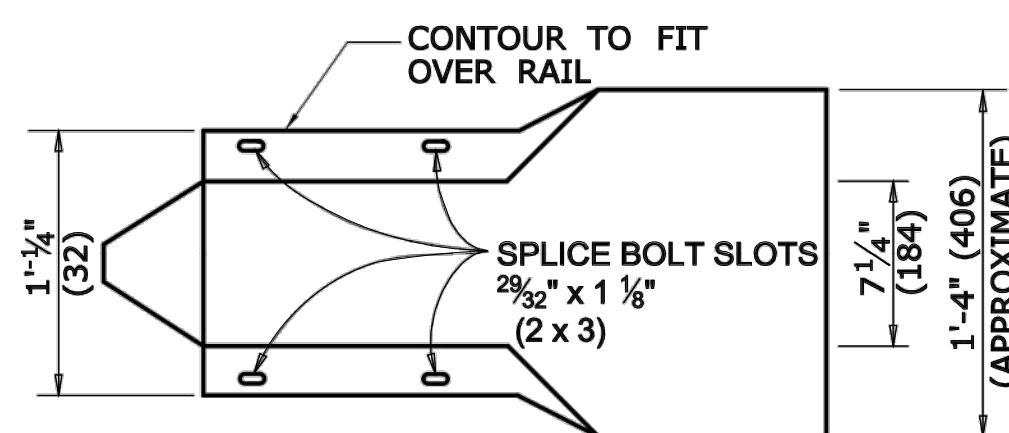
SOIL PLATE (2 Req'd)



DETAIL C
TIMBER TERMINAL POST
(ARTBA-PDFO1)
(SEE NOTE 2)

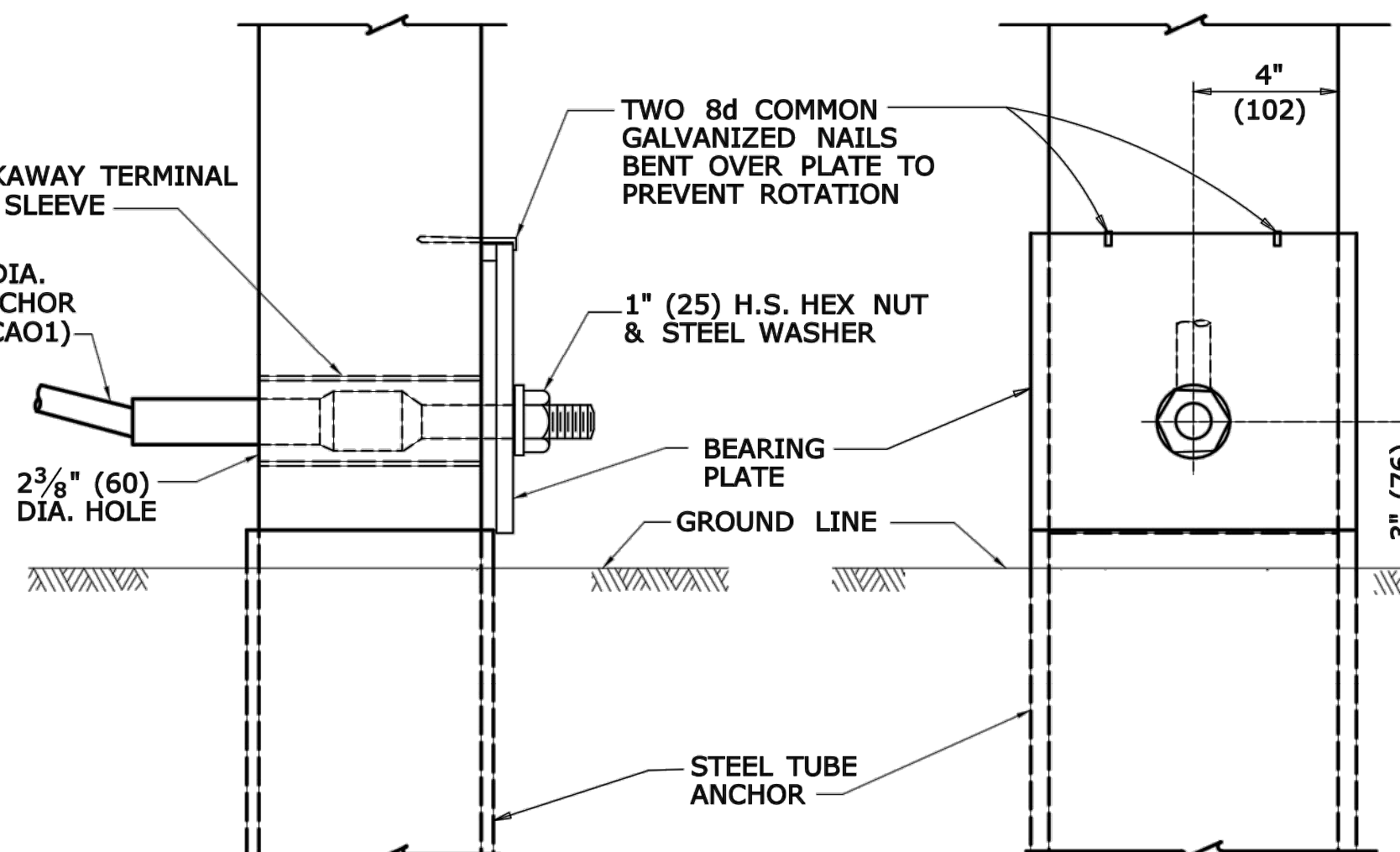


PLAN

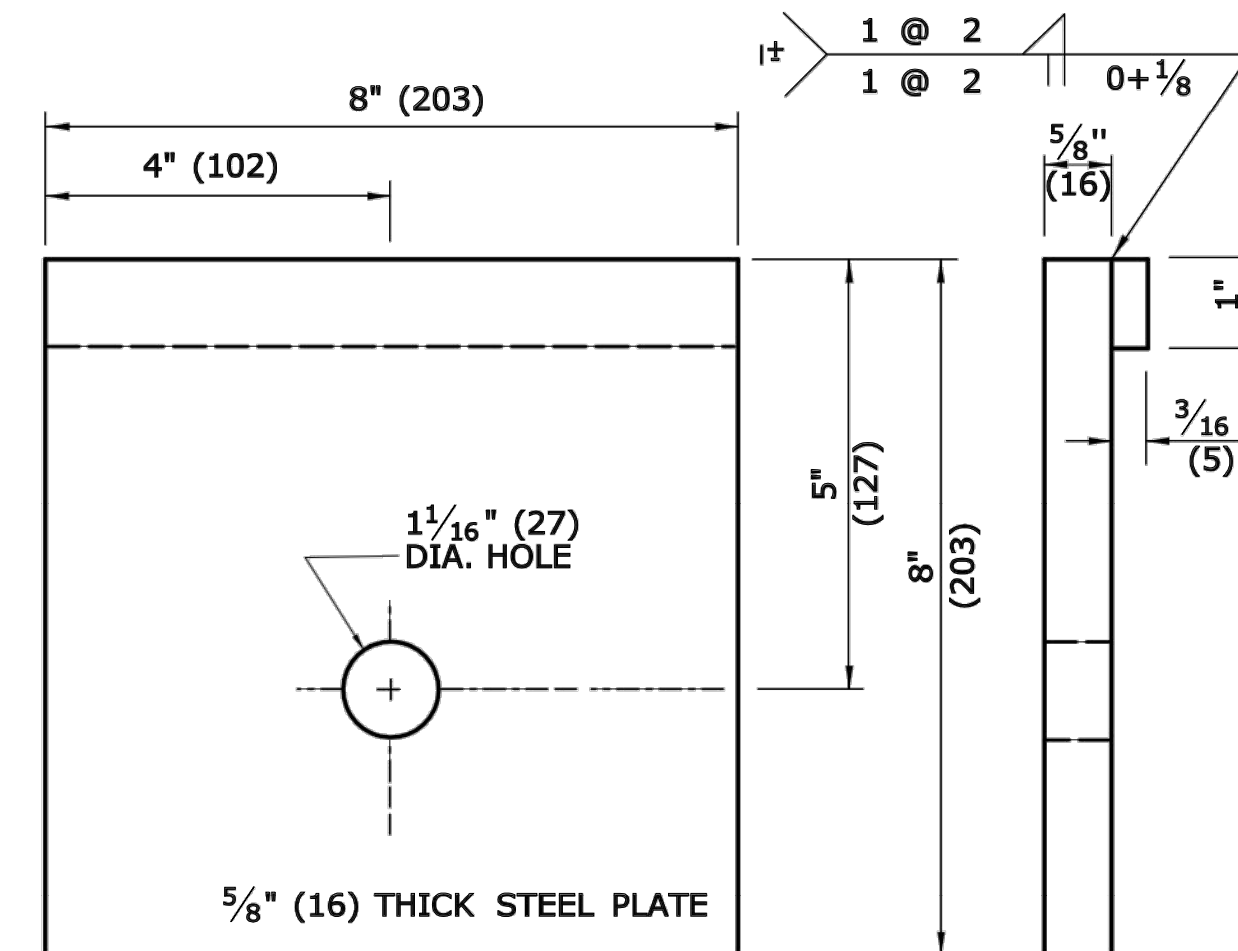


ELEVATION

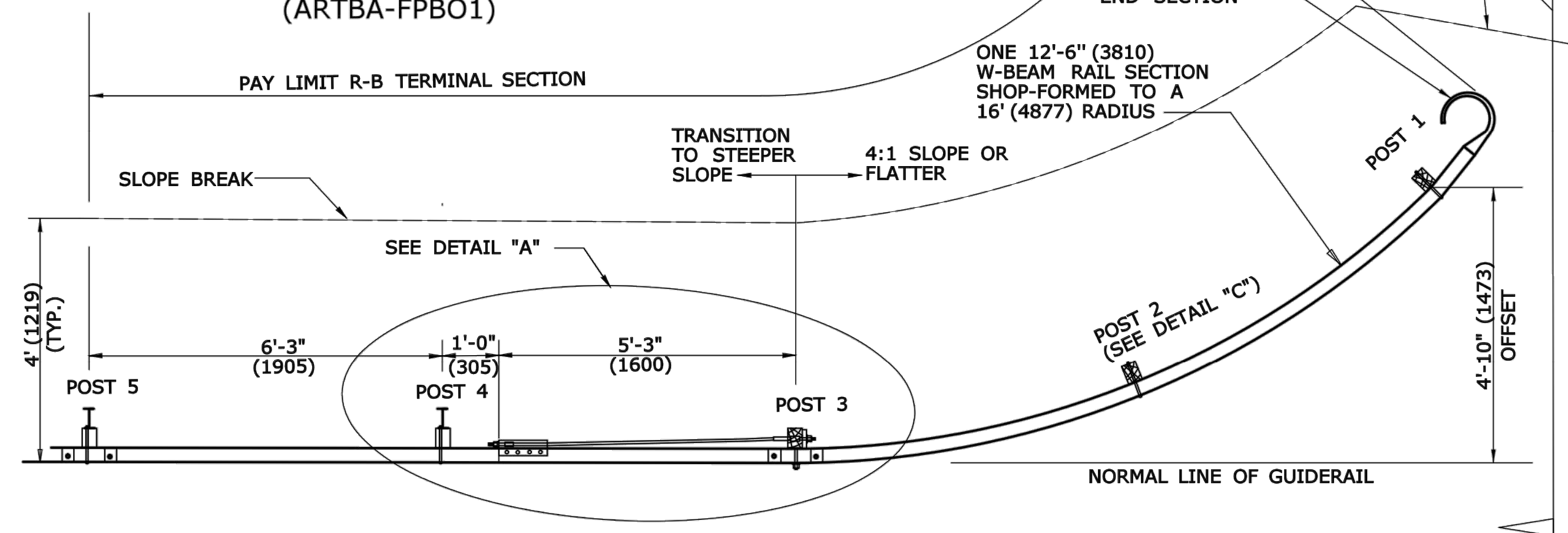
ROUNDED W-BEAM END SECTION



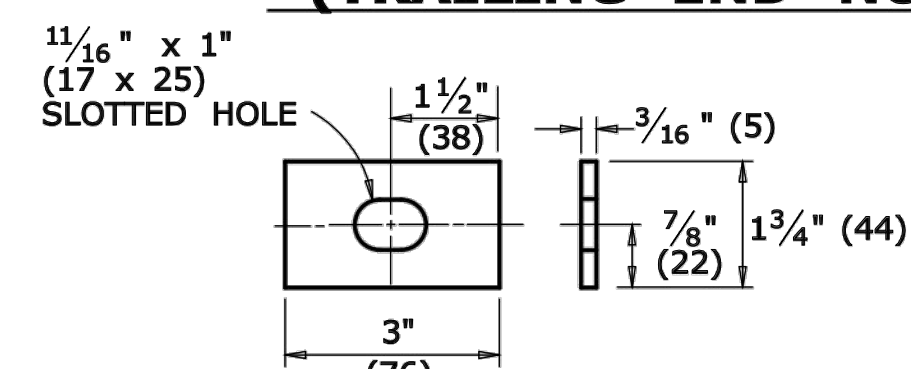
DETAIL B



BEARING PLATE
(ARTBA-FPBO1)

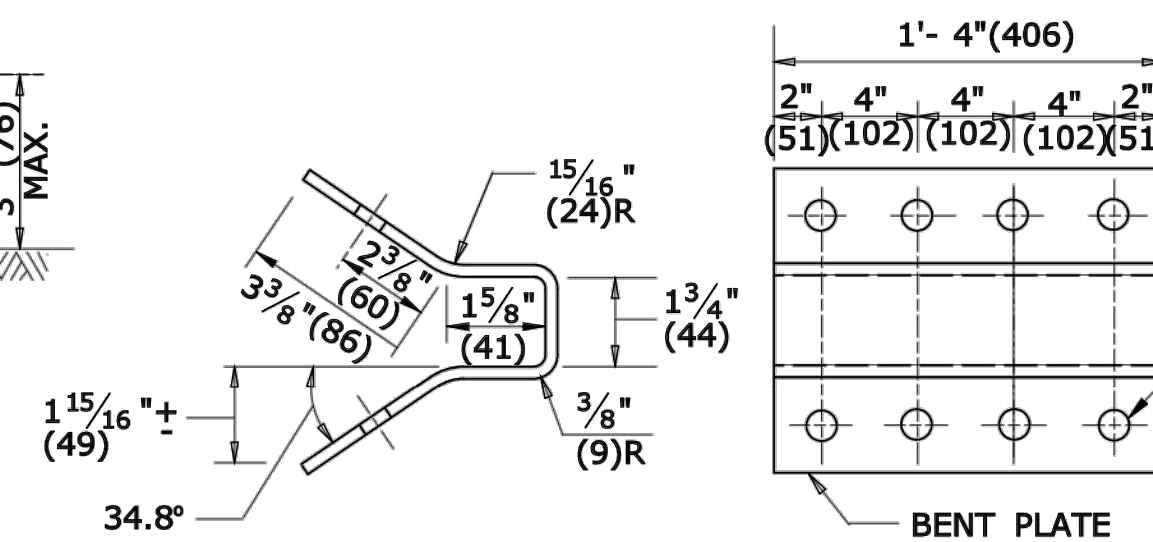


APPROACH END
(TRAILING END NOT SHOWN)



DETAIL D

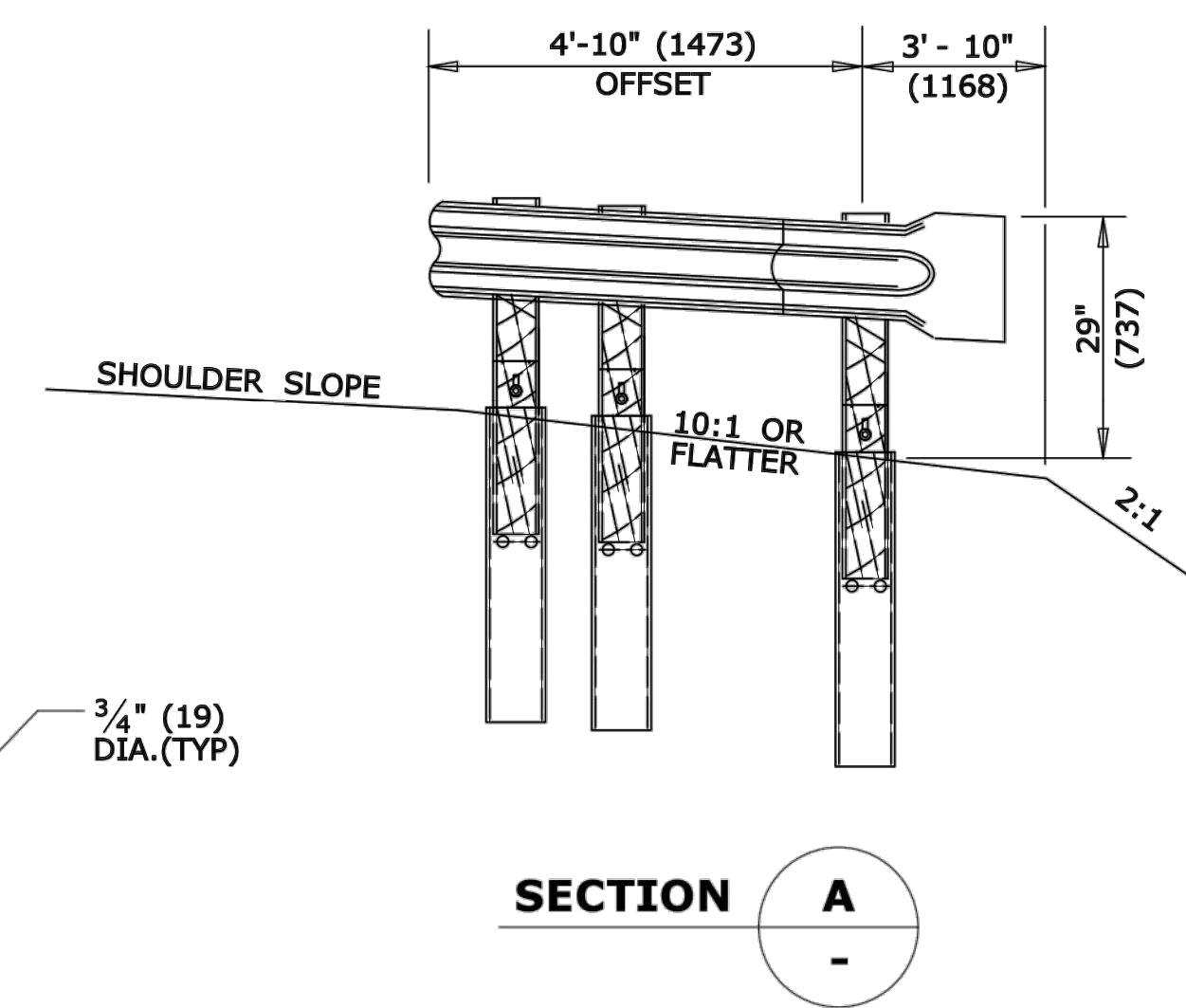
RECTANGULAR PLATE WASHER



ANCHOR PLATE
(ARTBA-FPAO1)

GENERAL NOTES:

1. APPROACH END R-B TERMINAL SECTION SHALL ONLY BE USED ON LOW SPEED (<45 MPH) ROADWAYS.
2. POSTS 1, 2 AND 3 ARE TIMBER TERMINAL POSTS (DETAIL "C") WITH STEEL TUBES. POSTS 4 AND 5 ARE STANDARD R-B 350 STEEL POSTS WITH BLOCKOUTS.
3. REFER TO CTDOT STANDARD SPECIFICATIONS FOR MATERIAL AND GENERAL CONSTRUCTION METHODS.
4. MINIMUM RAIL HEIGHT FOR NEW CONSTRUCTION SHALL BE 29" (737) + 1" (25).



SECTION A

ALL METRIC DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

REV.	DATE	REVISION DESCRIPTION
1	6/11	REVISE NOTE 1
2	7/13	SHOW SPLICE ON APPROACH END
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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NOT TO SCALE



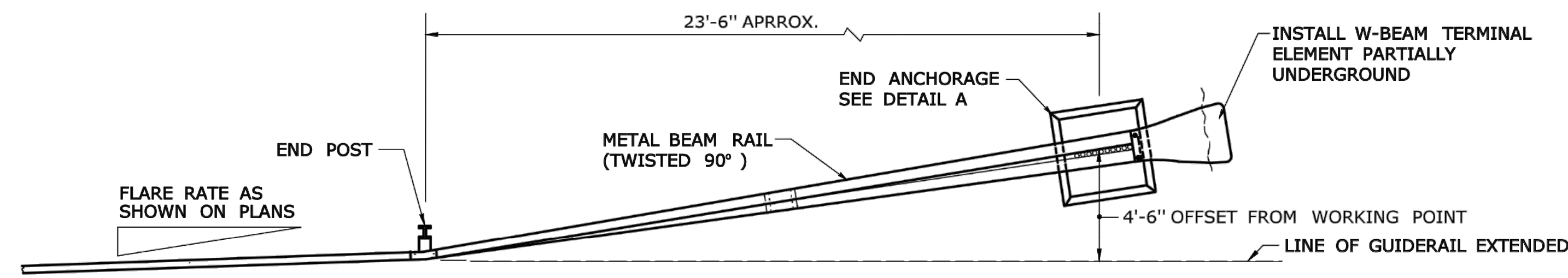
Plotted Date: 6/13/2013
Filename: CTDOT_HIGHWAY_STD2013.dgn Model: 65 - HW-910_17

SUBMITTED BY:	NAME/DATE/TIME:
James H. Norman	2013.07.24 14:53:17-04'00'
APPROVED BY:	NAME/DATE/TIME:
James H. Norman	2013.07.24 14:53:17-04'00'

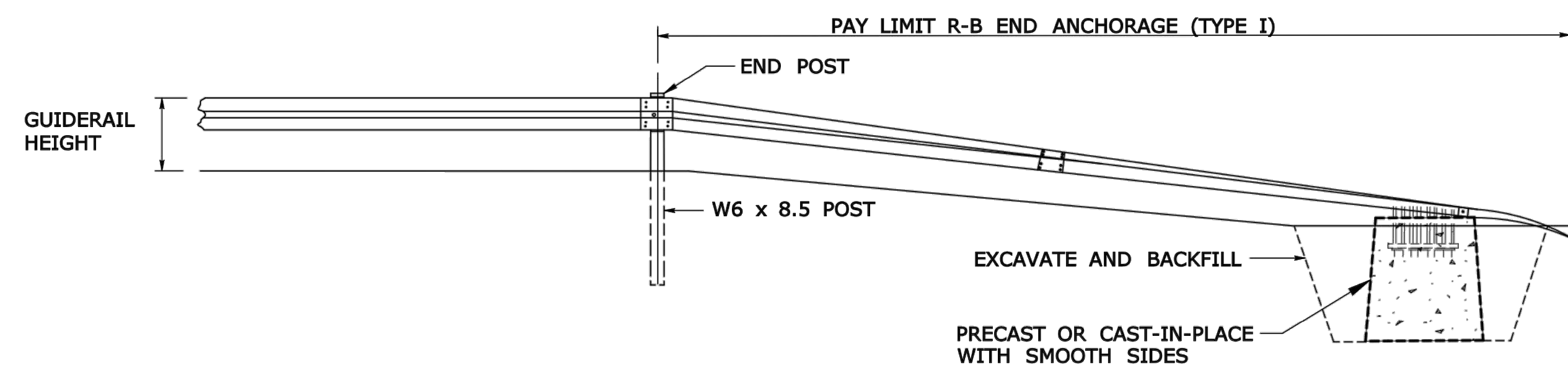
CTDOT
STANDARD SHEET
OFFICE OF ENGINEERING

STANDARD SHEET TITLE:
R-B TERMINAL SECTION
STANDARD SHEET NO.:
HW-910_17

- GENERAL NOTES:**
1. SEE SHEET HW-911.04 FOR TYPICAL END ANCHOR GRADING PLAN.
 2. J-HOOK BOLTS MAY BE SUBSTITUTED FOR BOTTOM PLATE ANCHORAGE IN CONCRETE END ANCHORS USING THE SAME SIZE, STRENGTH, AND LENGTH AS NOTED ON THE PLANS.
 3. INSTALLATION OF RADII DIFFERENT THAN WHAT IS SHOWN IN DETAIL "C" FOR R-B END ANCHORAGE TYPE II MUST BE APPROVED BY THE ENGINEER.

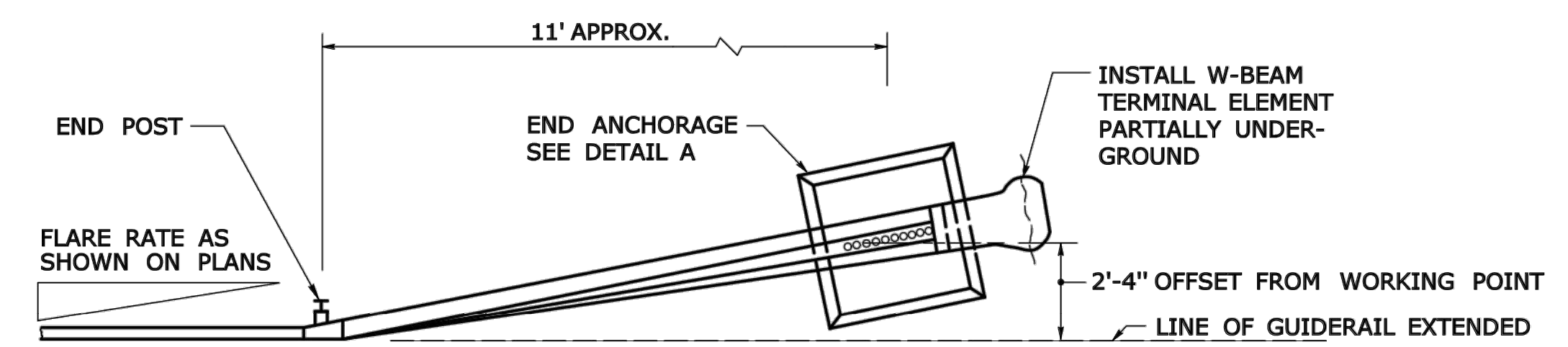


PLAN

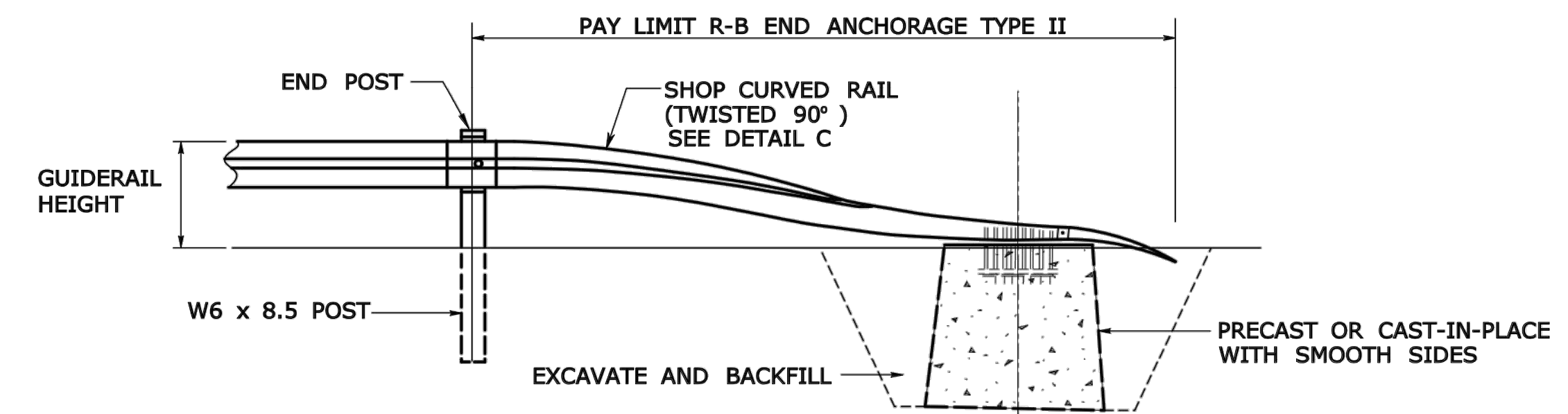


ELEVATION

R-B END ANCHORAGE TYPE I

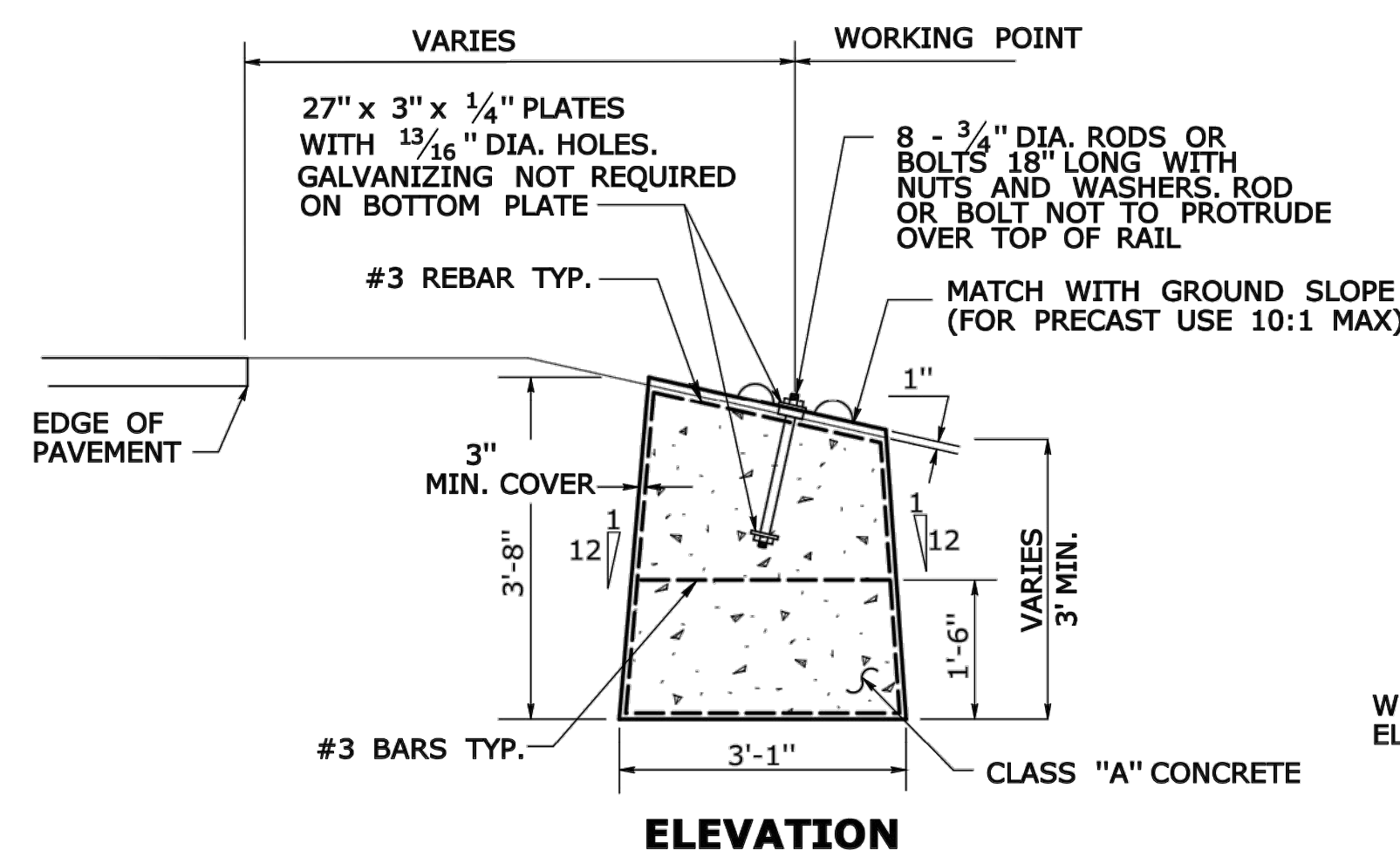


PLAN

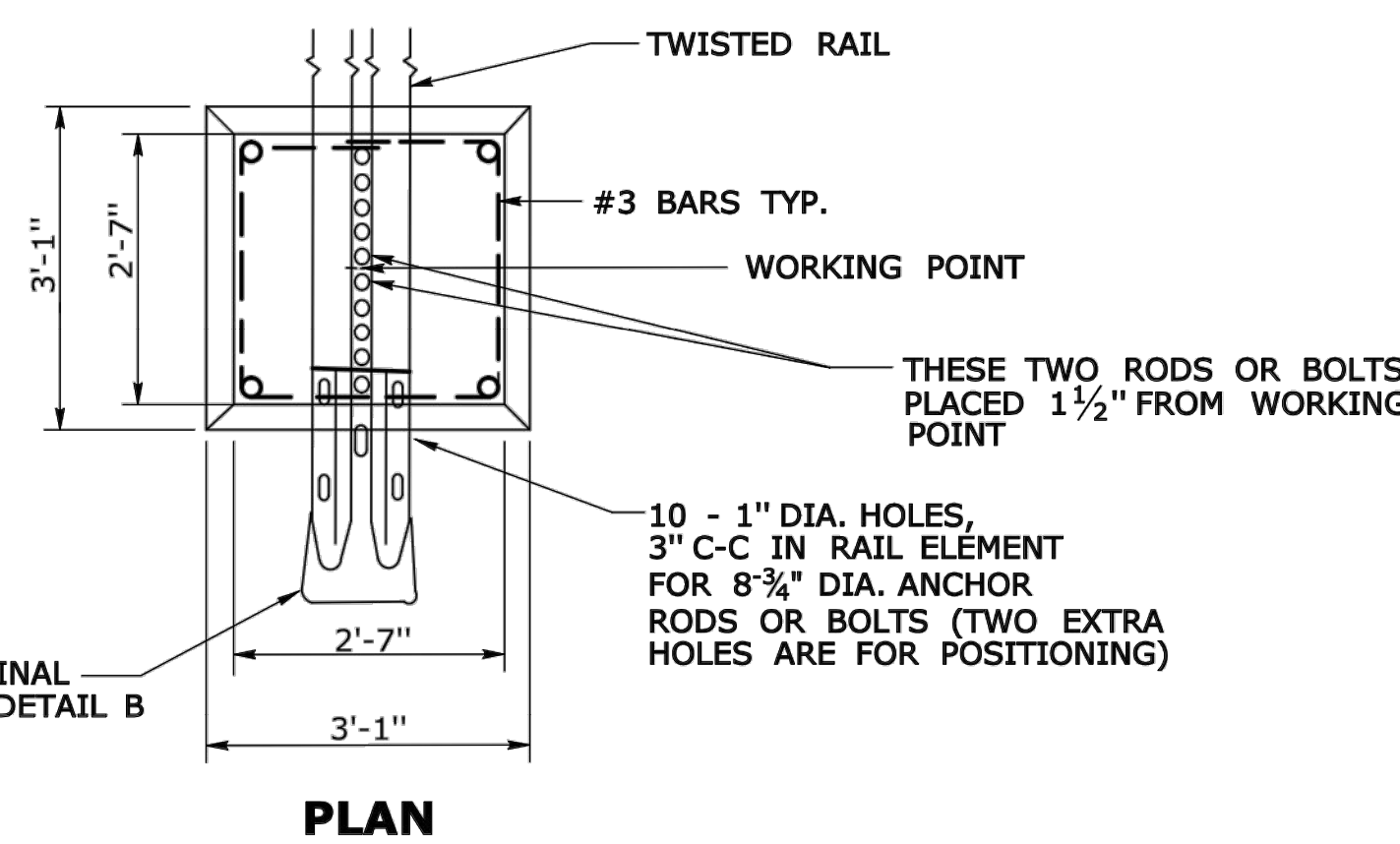


ELEVATION

R-B END ANCHORAGE TYPE II

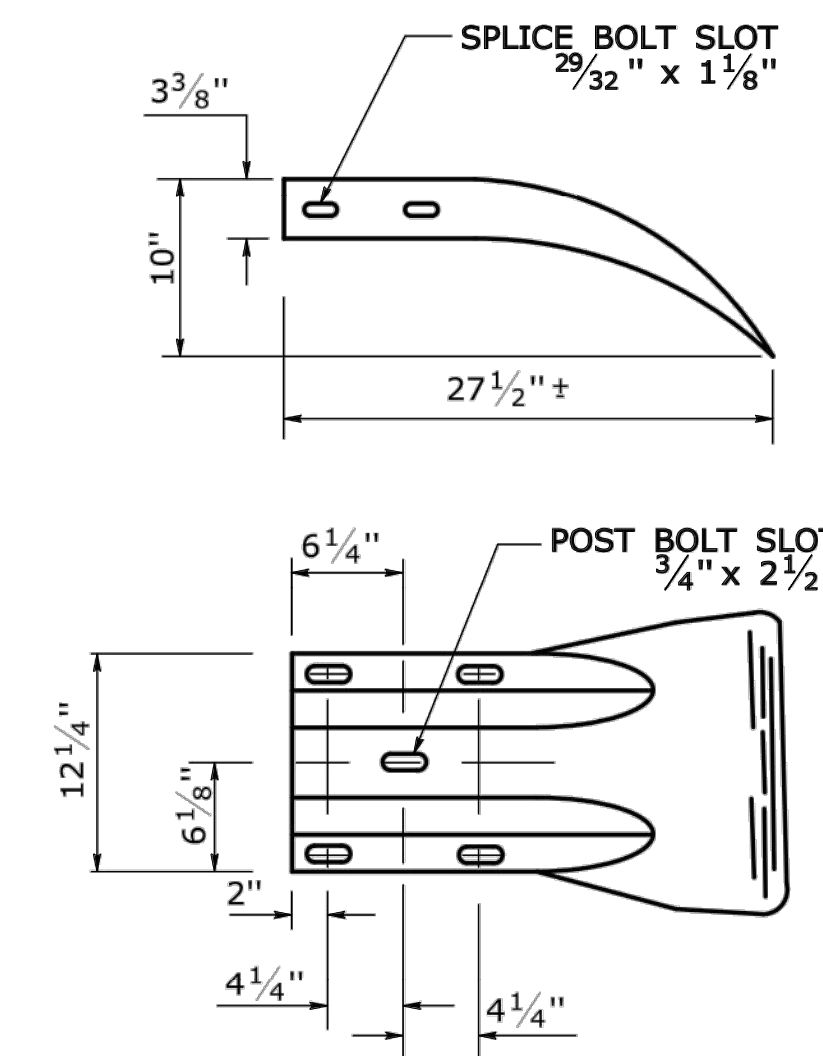


ELEVATION

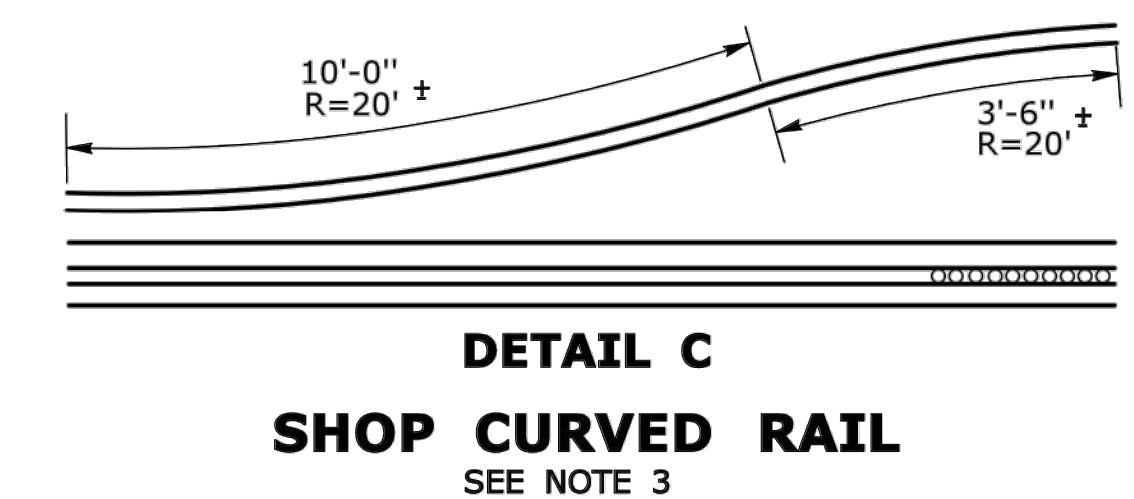


PLAN

DETAIL A
ROADSIDE CONCRETE END ANCHOR
SEE NOTE 2



DETAIL B
W-BEAM TERMINAL ELEMENT



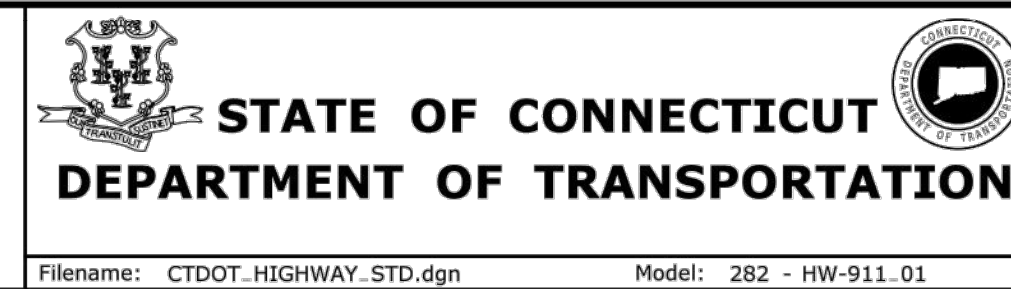
DETAIL C
SHOP CURVED RAIL
SEE NOTE 3

REV.	DATE	REVISION DESCRIPTION
1	6/11	REVISED TYPE I AND II ANCHOR FOR CLEAR ZONE PLACEMENT
2	7/13	ADD POST OFFSET DISTANCE
3	9/17	REVISED TYPE I AND II FOR R-B MASH OR R-B 350 RAIL

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 1/3/2018

NOT TO SCALE



SUBMITTED BY: NAME/DATE/TIME:
Leo Fontaine, P.E.
2018.01.05 11:03:02-05'00'

APPROVED BY: NAME/DATE/TIME:
Gregory M. Dorosh, P.E.
2018.01.05 11:15:51-05'00'

CTDOT
STANDARD SHEET
OFFICE OF ENGINEERING

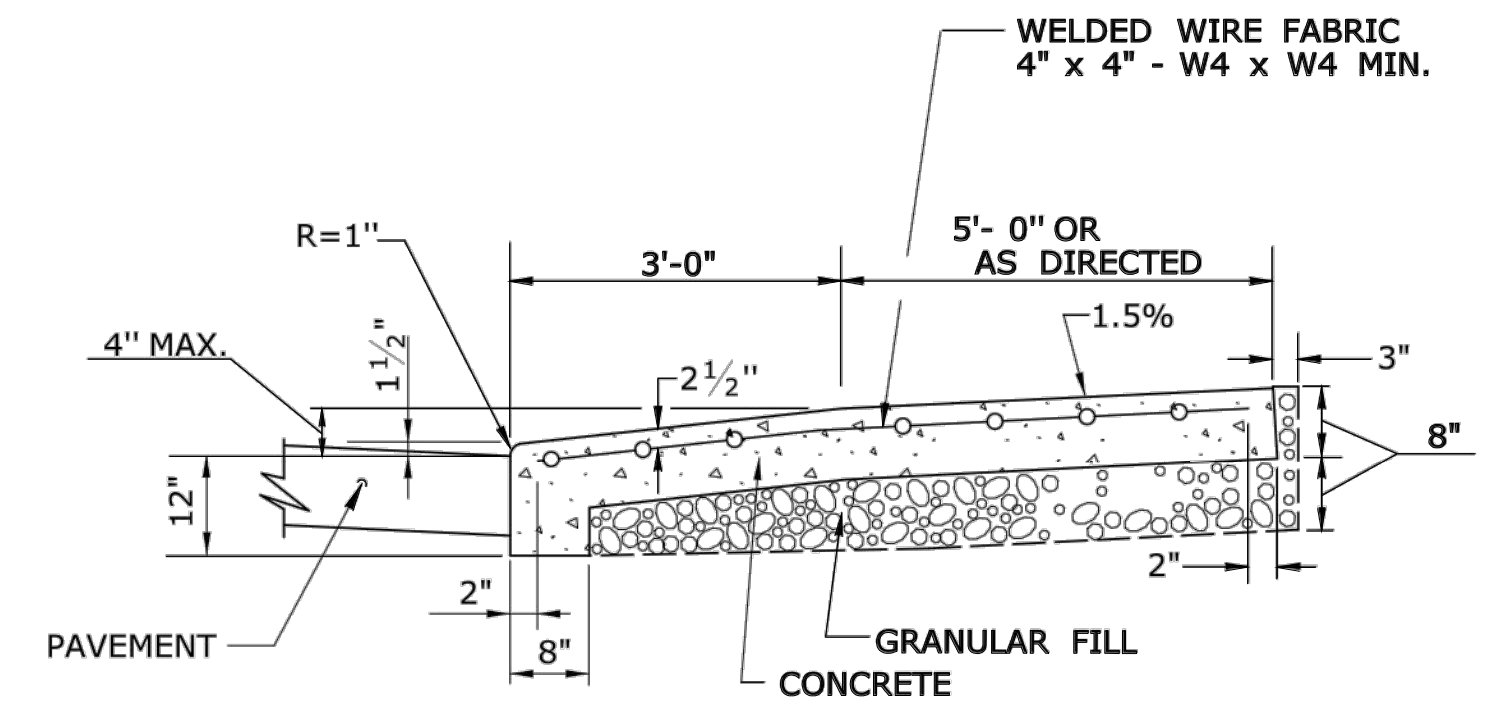
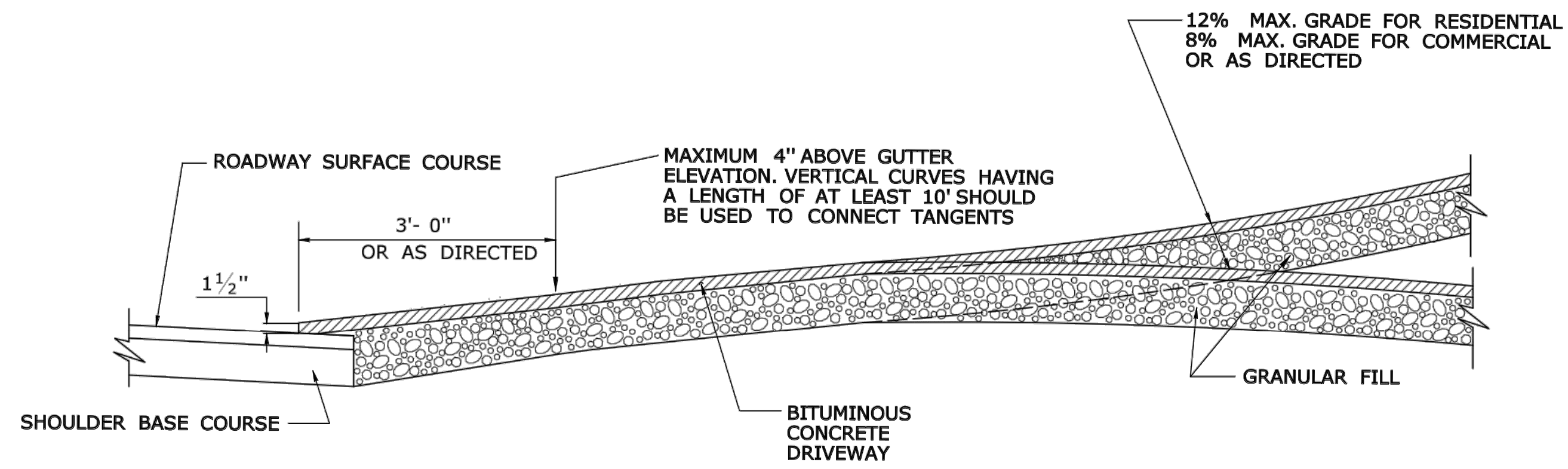
STANDARD SHEET TITLE:

R-B END ANCHORAGE
TYPE I AND II

STANDARD SHEET NO.:

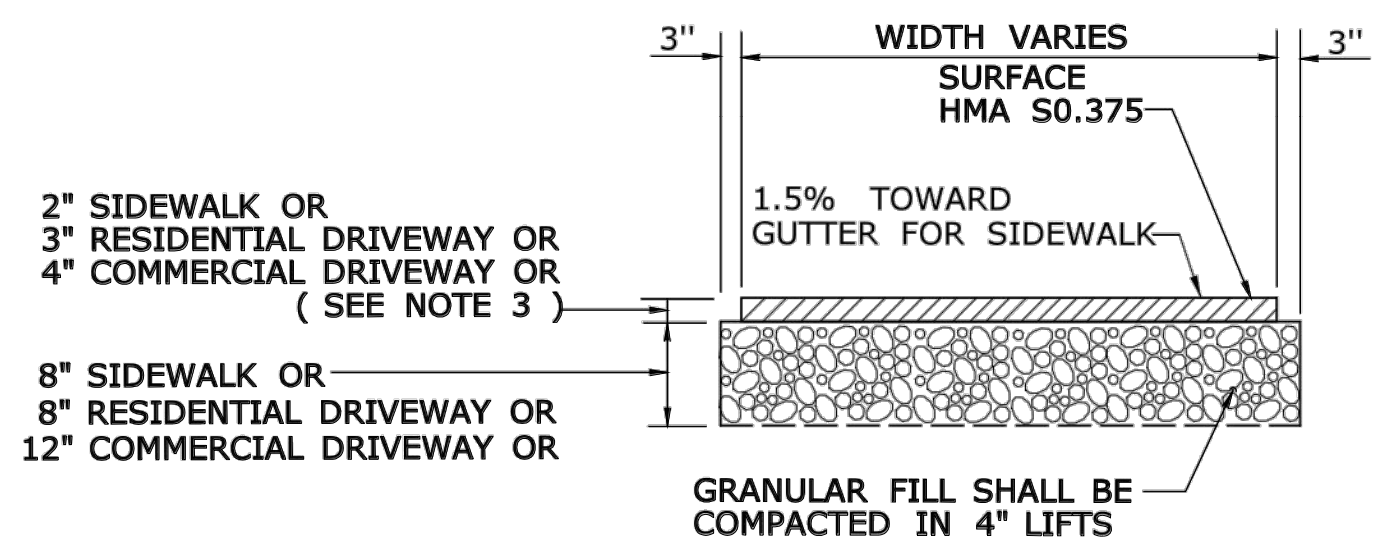
HW-911_01

- GENERAL NOTES:**
1. DRIVEWAY ENTRANCE SHALL BE A MINIMUM OF 12' WIDE, EXCLUDING CURBING WHEN PRESENT.
 2. WELDED WIRE FABRIC MATS WITH REINFORCING AT CLOSER SPACING MAY BE USED.
 3. SURFACE HMA S0.375 TO BE PLACED IN TWO EQUAL LIFTS FOR BOTH RESIDENTIAL AND COMMERCIAL DRIVEWAYS.

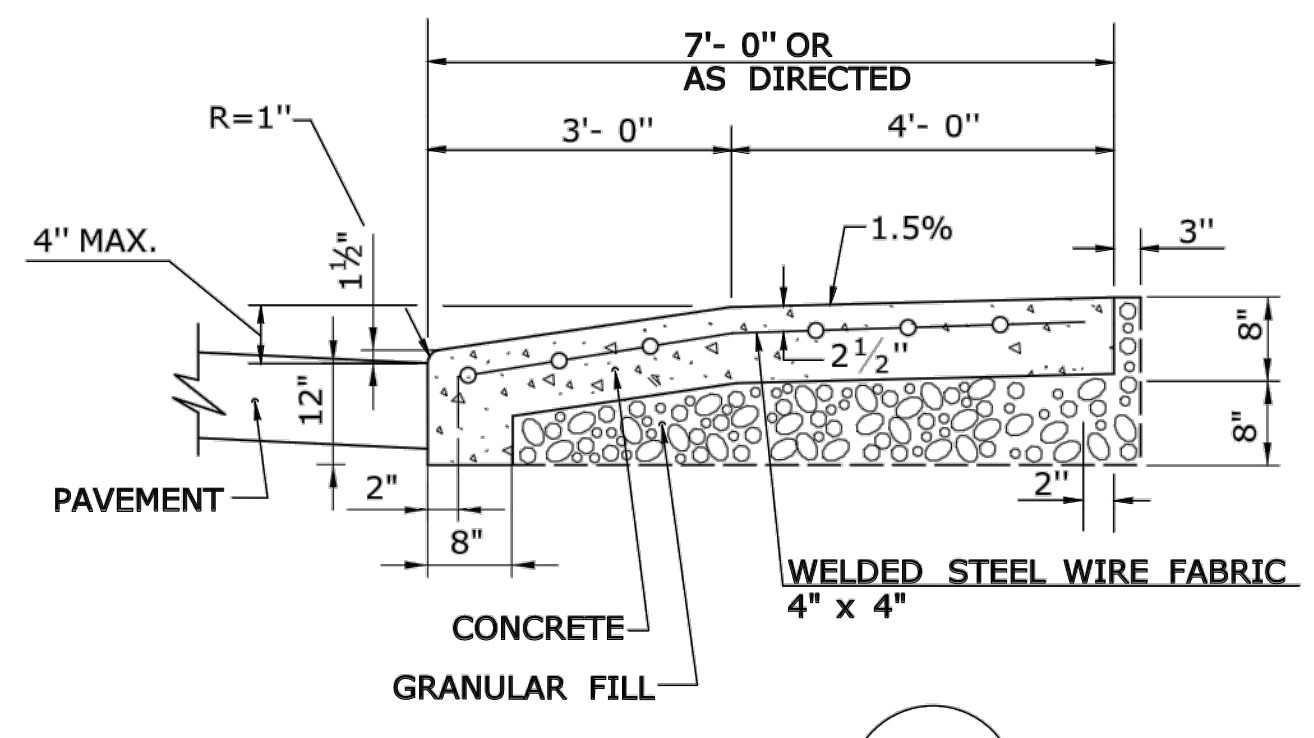


SECTION A

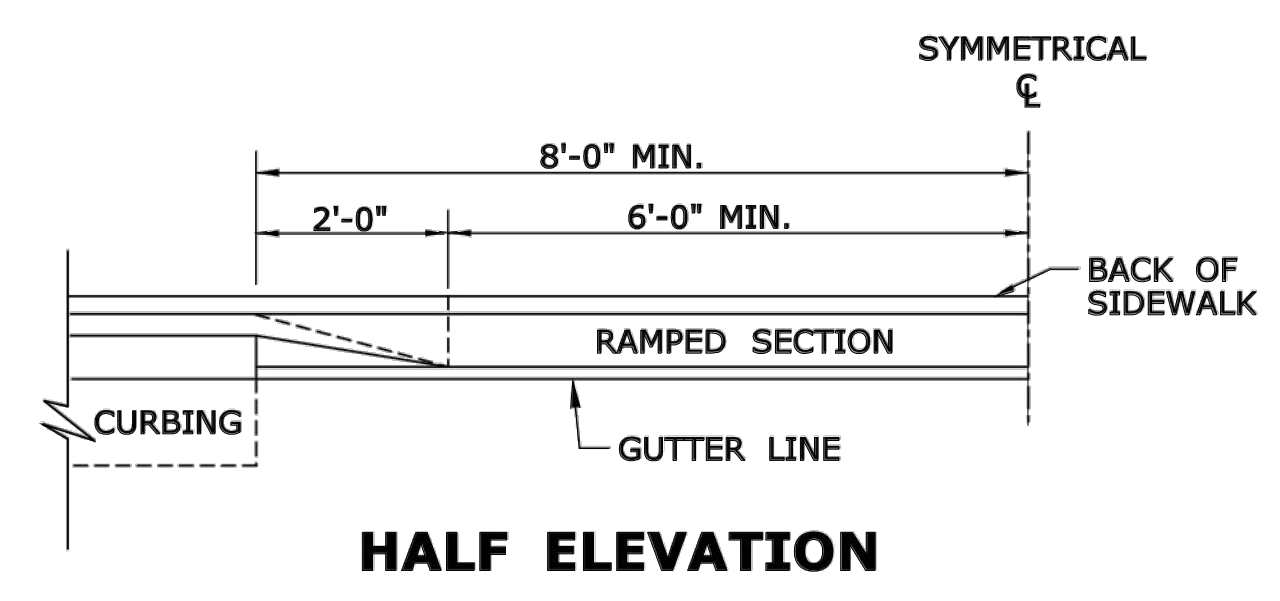
SECTION C



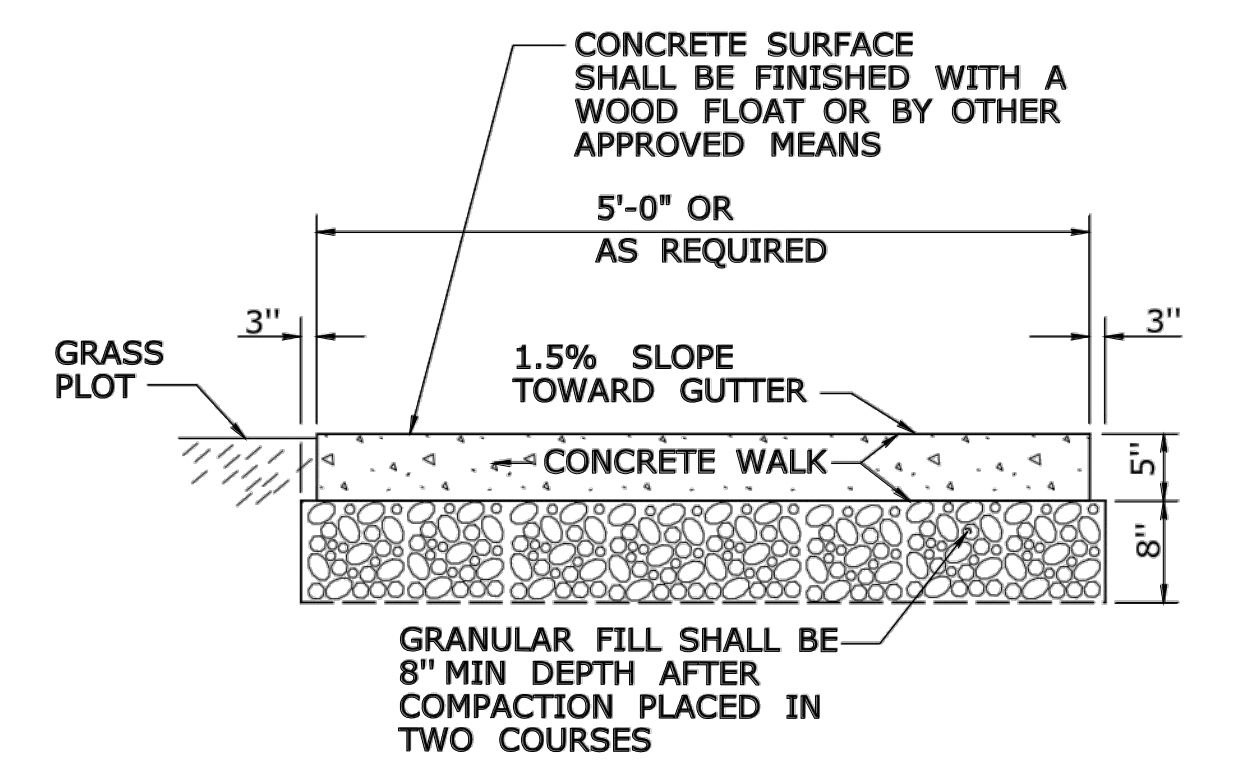
**TYPICAL SECTION
BITUMINOUS CONCRETE
SIDEWALK AND DRIVEWAY**



SECTION B

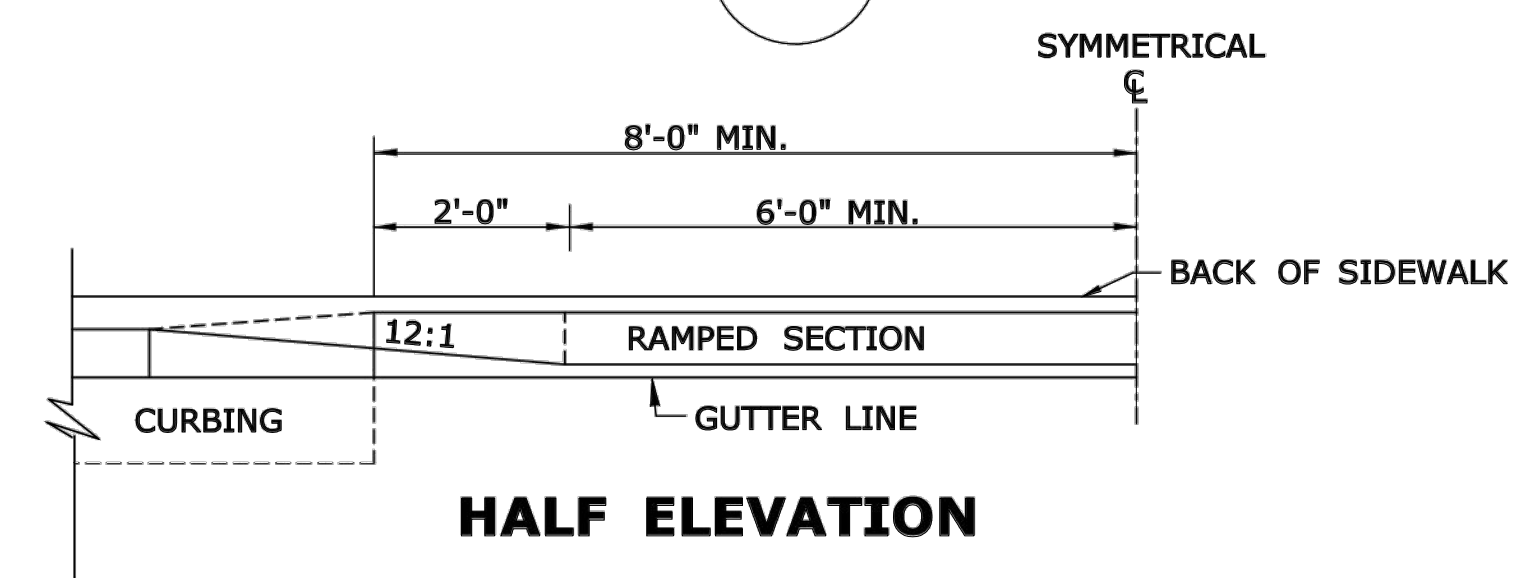


**SECTION C
HALF ELEVATION**

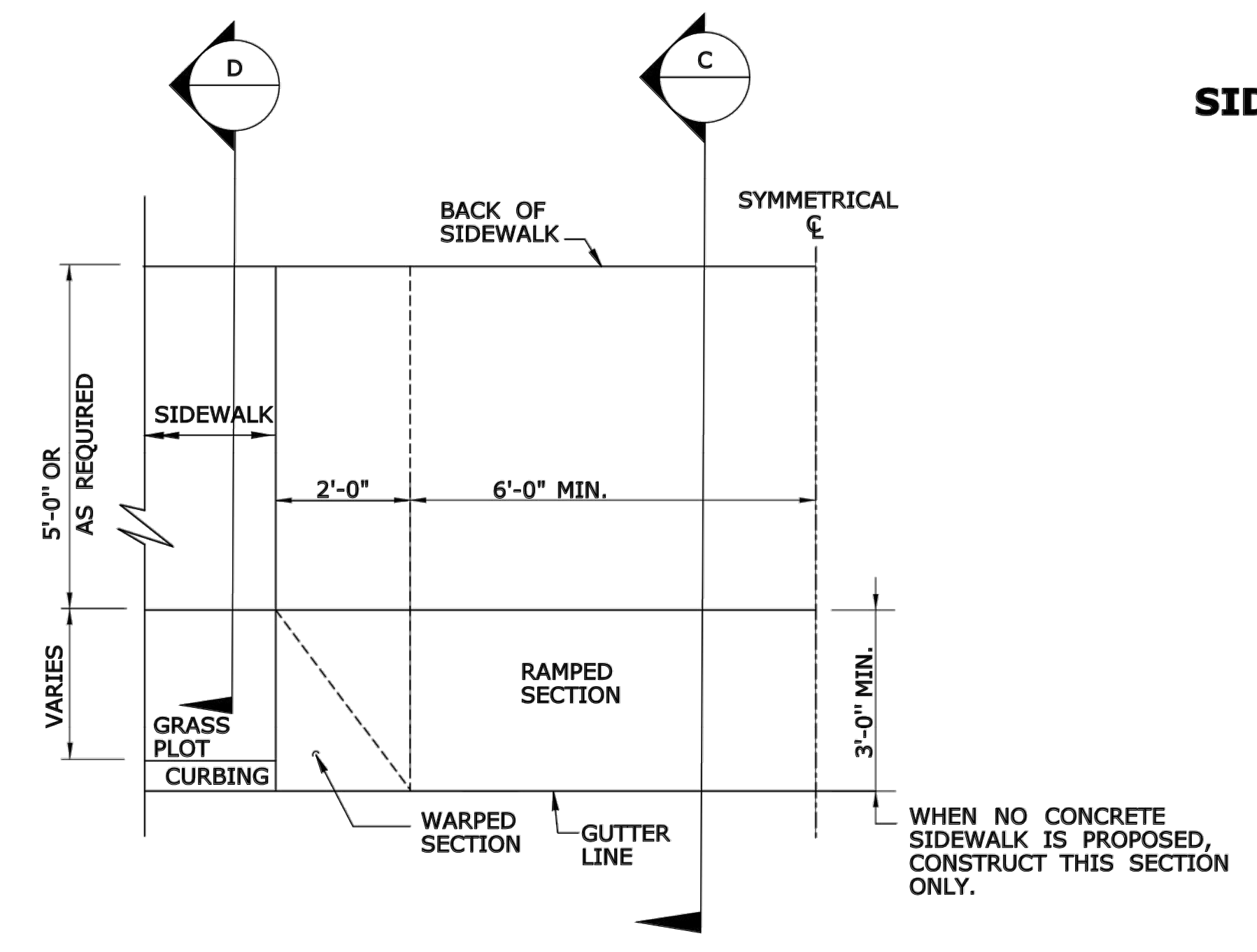


SECTION D

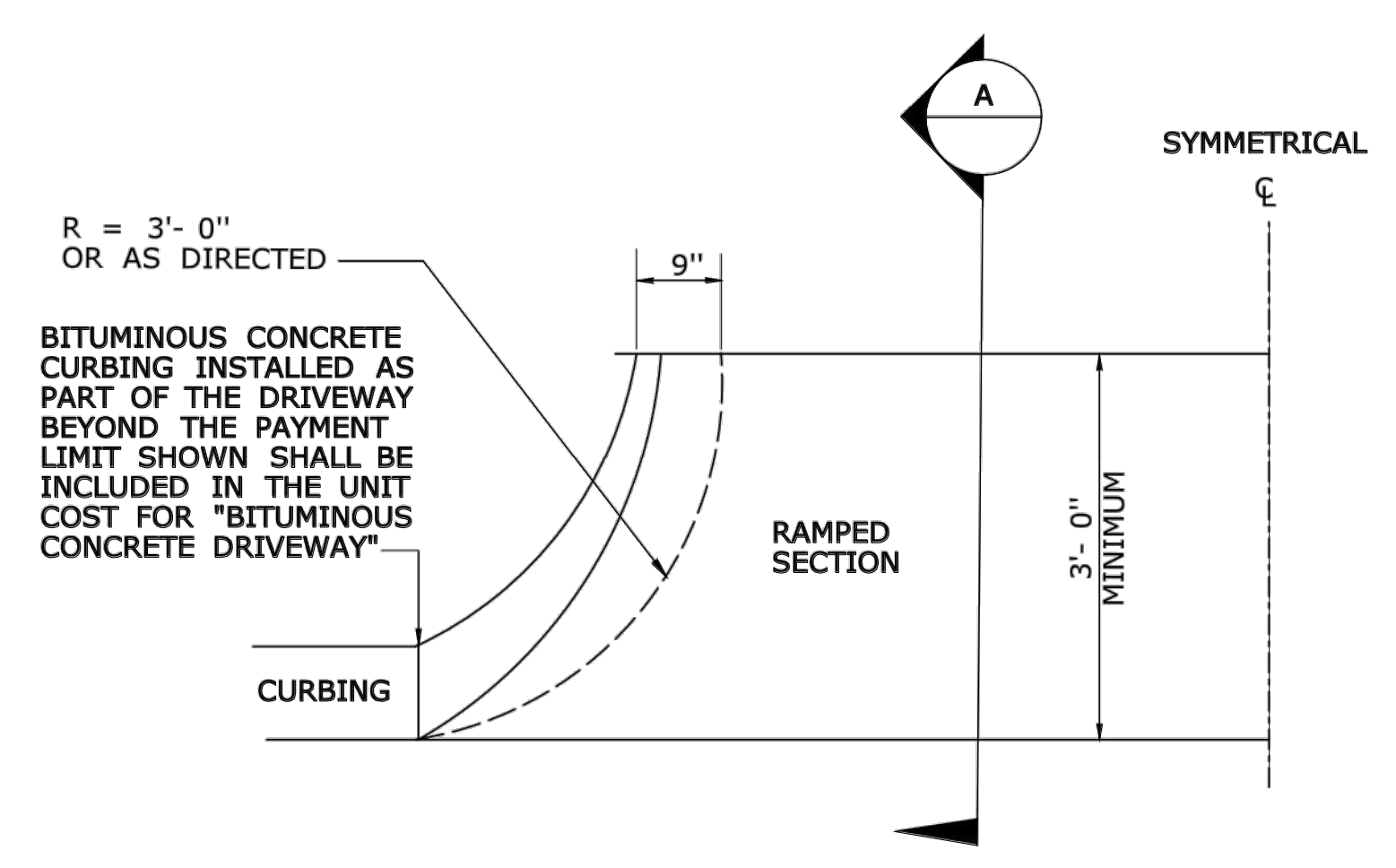
**5' WIDE CONCRETE
SIDEWALK WITH GRASS PLOT**



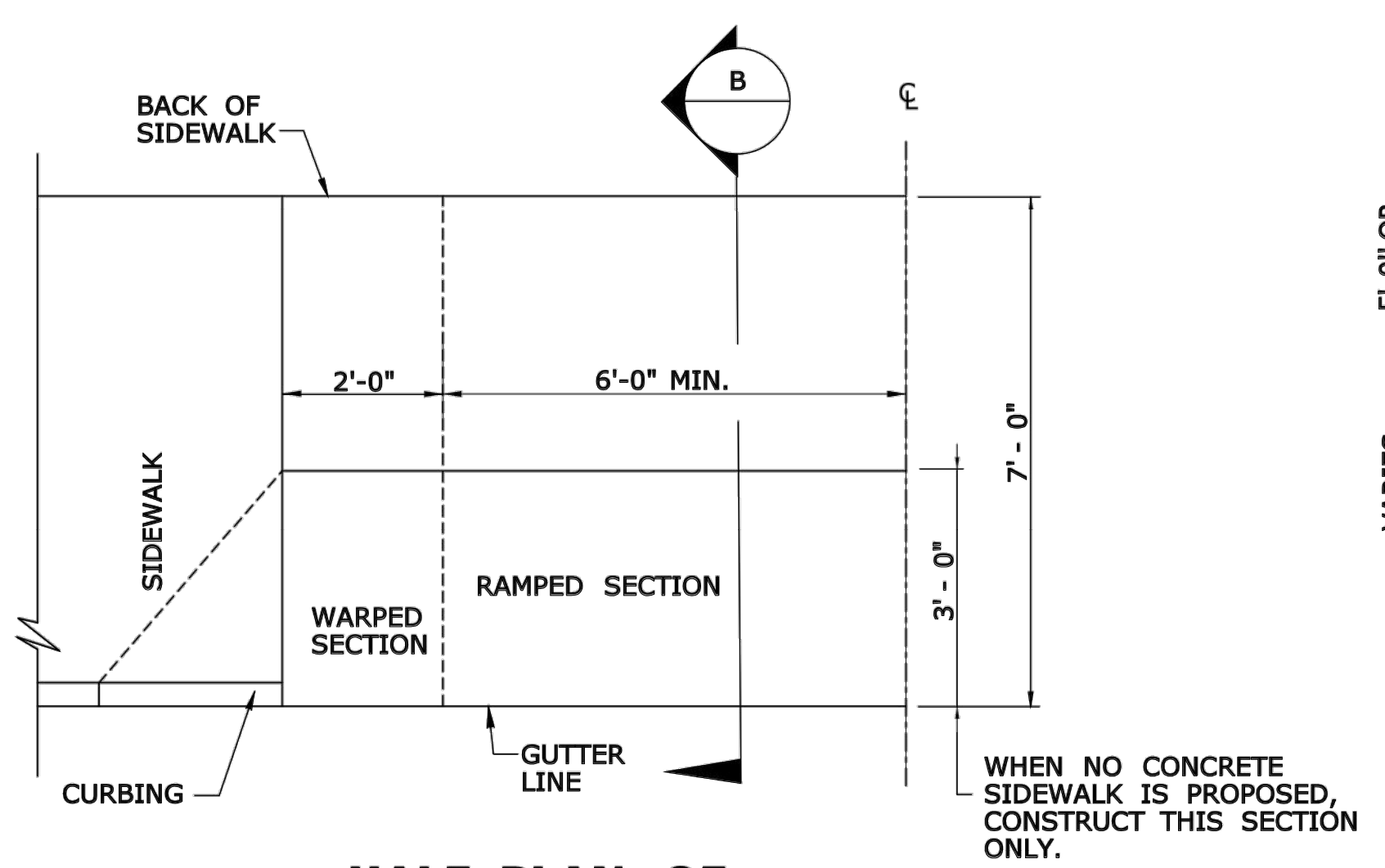
**SECTION B
HALF ELEVATION**



**SECTION C
HALF PLAN OF
CONCRETE DRIVEWAY RAMP WHERE
CURB IS SEPARATED FROM
SIDEWALK BY GRASS PLOT**



**SECTION A
HALF BITUMINOUS CONCRETE
DRIVEWAY PLAN**



**SECTION B
HALF PLAN OF
CONCRETE DRIVEWAY RAMP WHERE
SIDEWALK ADJOINS CURBING**

REV.	DATE	REVISION DESCRIPTION
1	6/01/10	REVISED BORDER TITLE
2	6/01/10	REVISED HALF ELEVATION DETAILS
3	1/12	REVISE 2% MAX. SLOPE NOTE
4	6/17	REVISED SLOPES & MATERIAL COMPOSITIONS
-	-	INCREASED WALKING WIDTH OF CONCRETE DRIVEWAY RAMP

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Plotted Date: 6/6/2017

NOT TO SCALE

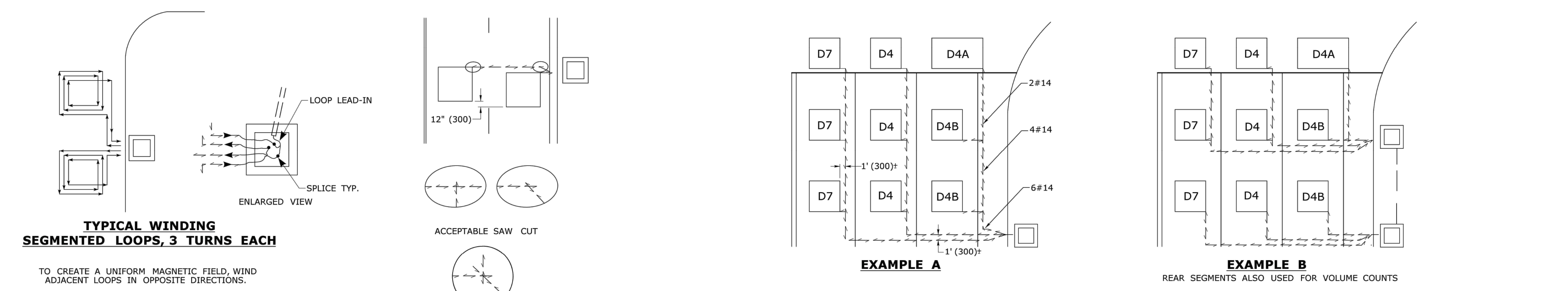
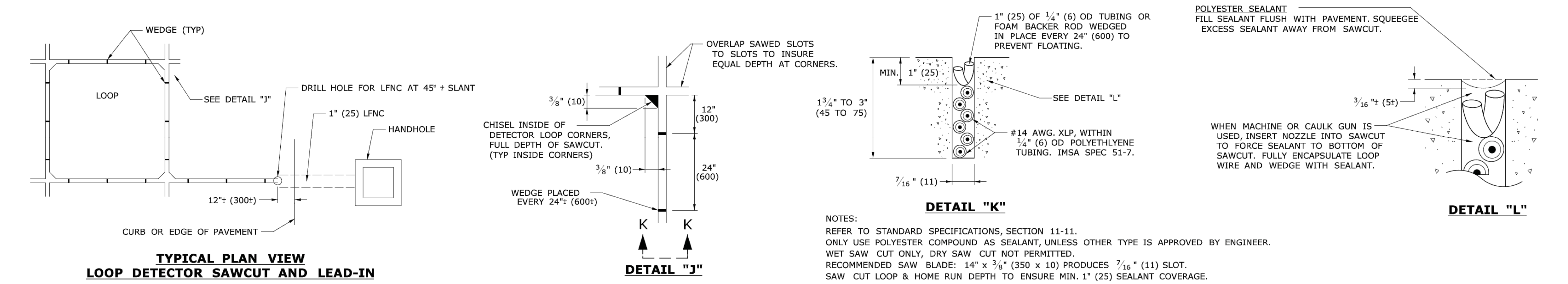
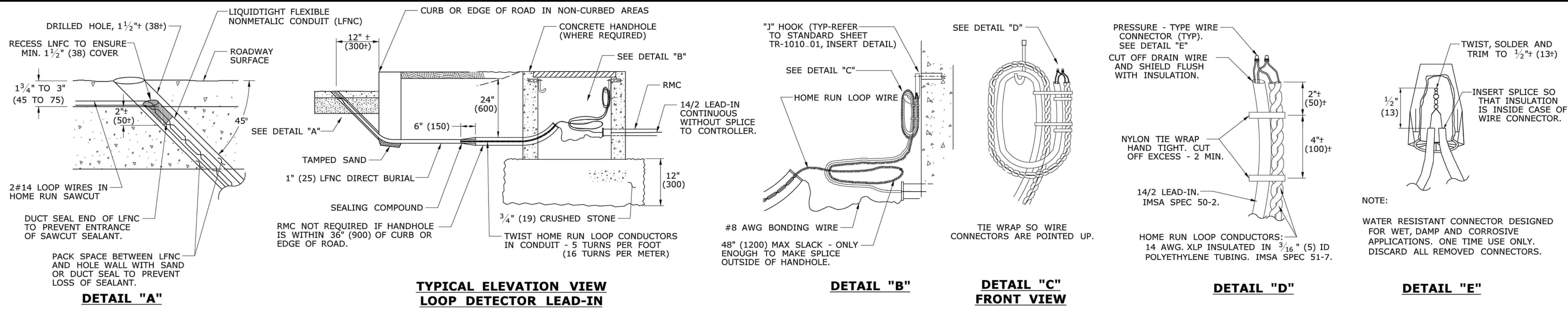
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: HW-921_01.dgn Model: CT-Civil-2D_Sheet

SUBMITTED BY:	NAME/DATE/TIME:
<i>Leo Fontaine</i>	Leo Fontaine, P.E. 2017.06.07 07:34:10-04'00'
APPROVED BY:	NAME/DATE/TIME:
<i>Gregory M. Dorosh</i>	Gregory M. Dorosh, P.E. 2017.06.07 10:47:32-04'00'

CTDOT
STANDARD SHEET
OFFICE OF ENGINEERING

STANDARD SHEET TITLE:	STANDARD SHEET NO.:
DRIVEWAY RAMPS AND SIDEWALKS	HW-921_01



LEGEND AS SHOWN ON TRAFFIC CONTROL SIGNAL PLAN:

	INDUCTIVE LOOP DETECTOR
	SAW CUT
	RIGID METAL CONDUIT
	HANDHOLE

REV.	DATE	REVISION DESCRIPTION
3	4-2014	DETAIL "B" - REVISED "J" HOOK NOTE.
2	7-2012	DELETED URETHANE SEALANT NOTE FROM DETAIL "L"
1	4-2012	MINOR REVISIONS.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 4/21/2014

DIMENSIONS ARE IN ENGLISH (") & METRIC UNITS (mm). METRIC DIMENSIONS ARE ROUNDED: - OVER 1" TO NEAREST 5 mm - UNDER 1" TO NEAREST 1 mm.

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

Filename: CTDOT_TRAFFIC_STD.DGN Model: TR-1111_01

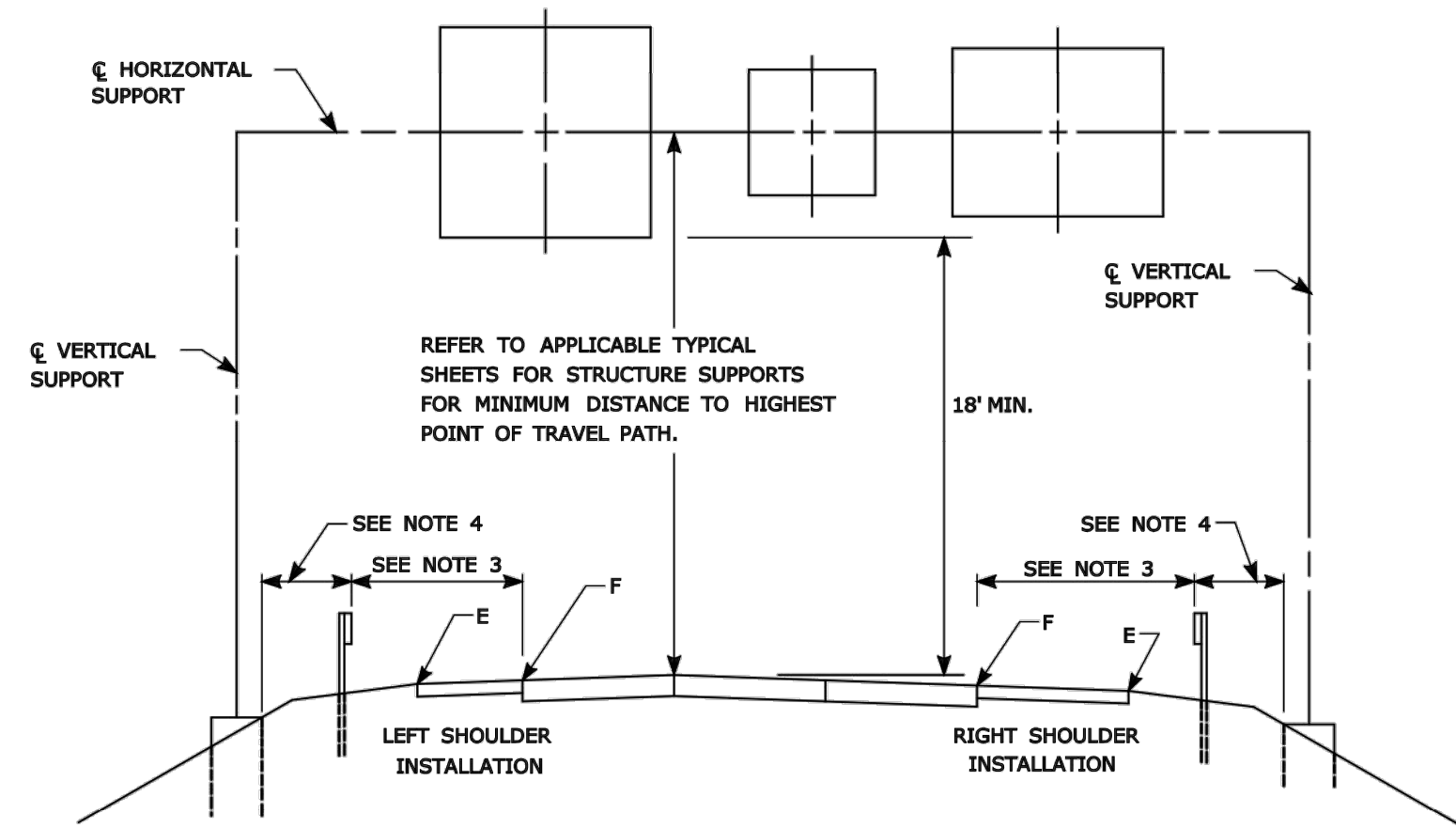
SUBMITTED BY: NAME/DATE/TIME: Tracy L. Fogarty, P.E. 2014.04.25 16:02:20-04'00'

APPROVED BY: NAME/DATE/TIME: Digitally signed by Charles S. Harlow, P.E. Date: 2014.04.29 14:27:33-04'00'

CTDOT STANDARD SHEET
OFFICE OF ENGINEERING

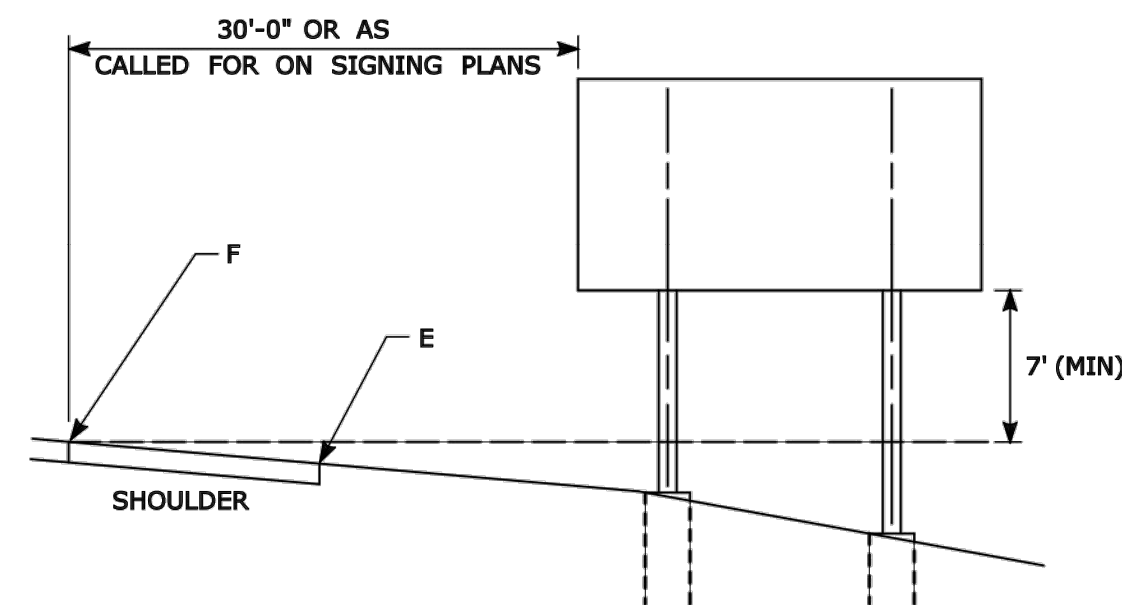
STANDARD SHEET TITLE: **LOOP VEHICLE DETECTOR AND SAWCUT**

STANDARD SHEET NO.: **TR-1111_01**



TYPICAL PLACEMENT OF OVERHEAD SIGNS ON SIGN SUPPORTS

- NOTES:
- 1) FOR PLACEMENT OF CANTILEVER SIGN SUPPORT USE APPLICABLE PORTION OF ABOVE DETAIL.
 - 2) BARRIER SYSTEMS MAY BE REQUIRED FOR BOTH SIDES OF SUPPORTS IN MEDIANS.
 - 3) IMPACT PROTECTION SHALL BE PROVIDED FOR THE SIGN SUPPORTS LOCATED WITHIN CLEAR ZONE.
 - 4) SIGN SUPPORT FOUNDATIONS SHALL BE LOCATED OUTSIDE OF BARRIER SYSTEMS DEFLECTION AREA.
 - 5) ALL SIGNS ARE TO BE LEVEL, REGARDLESS OF CAMBER IN SUPPORT.

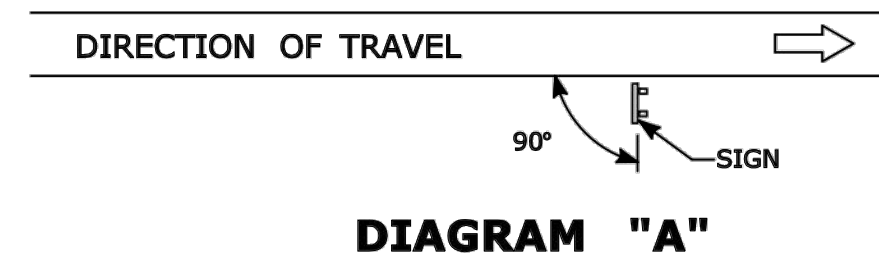


TYPICAL PLACEMENT OF SIDE MOUNTED SIGNS ON STRUCTURAL STEEL BREAKAWAY SIGN SUPPORTS

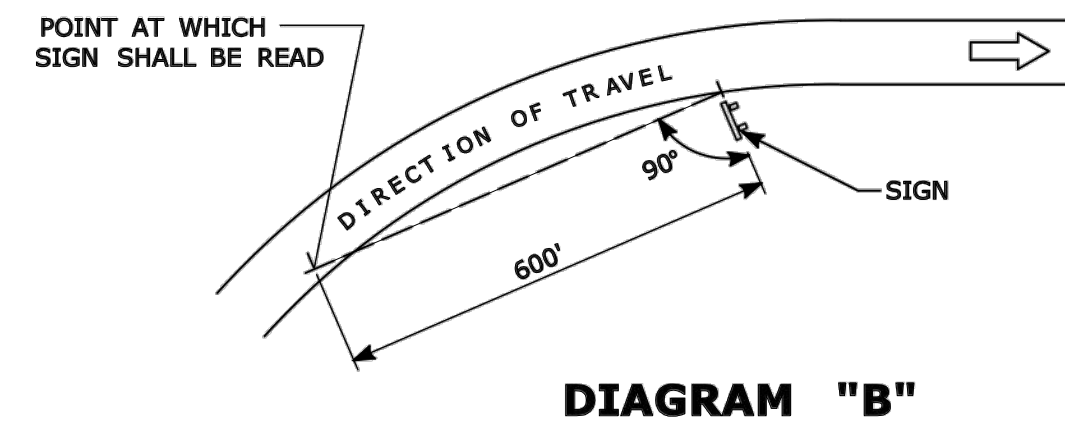
- NOTES:
- 1) MIN. VERTICAL CLEARANCE ABOVE SIDEWALKS SHALL BE 7'.
 - 2) WHERE GUIDE RAIL IS USED, THE OFFSET TO THE NEAR EDGE OF SIGN FACE SHALL BE AS SHOWN ELSEWHERE IN THE CONTRACT PLANS.
 - 3) ON INTERSECTING ROADS AT RAMP TERMINI, THE OFFSET TO THE NEAR EDGE OF SIGN FACE SHALL BE 6' MIN. FROM POINT "E".
 - 4) IF 30'-0" MIN. CANNOT BE MET, PLEASE CONTACT THE ENGINEER.

FOR MAXIMUM EFFECTIVENESS, POSITION SIDE MOUNTED SIGNS ON STRUCTURAL STEEL BREAKAWAY SIGN SUPPORTS AS FOLLOWS:

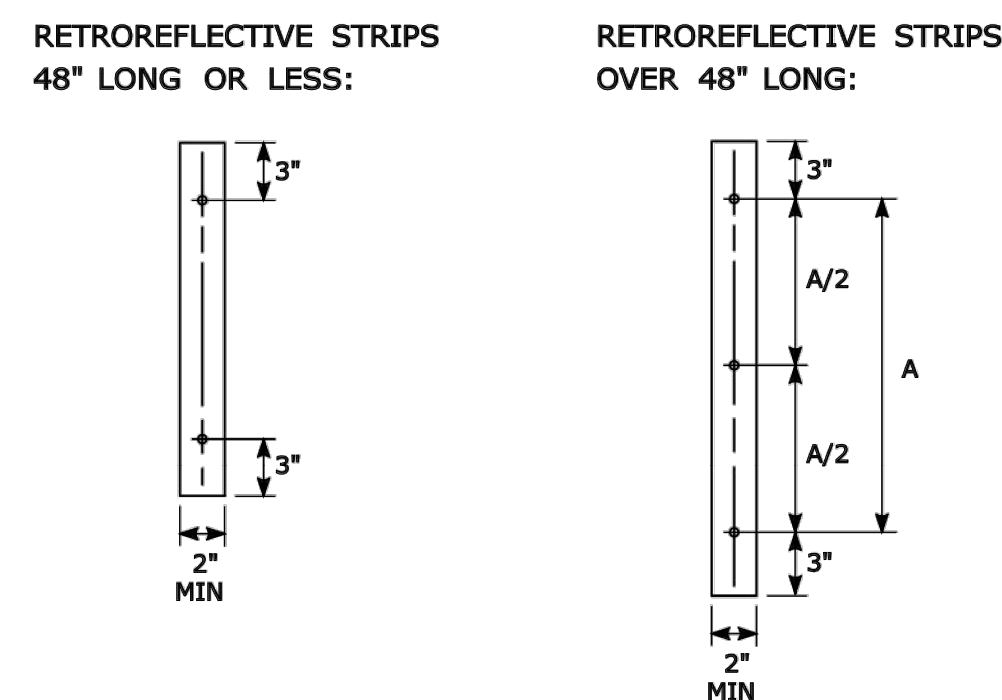
ON A TANGENT SECTION, POSITION THE SIGN SO THE VERTICAL AXIS IS PLUMB AND THE HORIZONTAL AXIS IS AT AN ANGLE OF 90° WITH THE TRAFFIC LANE WHICH THE SIGN SERVES. SIGNS LOCATED 30 FT OR MORE FROM THE EDGE OF THE ROAD SHALL BE TURNED APPROXIMATELY 3° TOWARD THE ROAD.



ON A HORIZONTAL CURVE SECTION, POSITION THE SIGN SO THE VERTICAL AXIS IS PLUMB AND THE HORIZONTAL AXIS IS AT AN ANGLE OF 90° WITH A STRAIGHT LINE BETWEEN THE SIGN AND THE POINT AT WHICH THE SIGN SHALL BE READ.

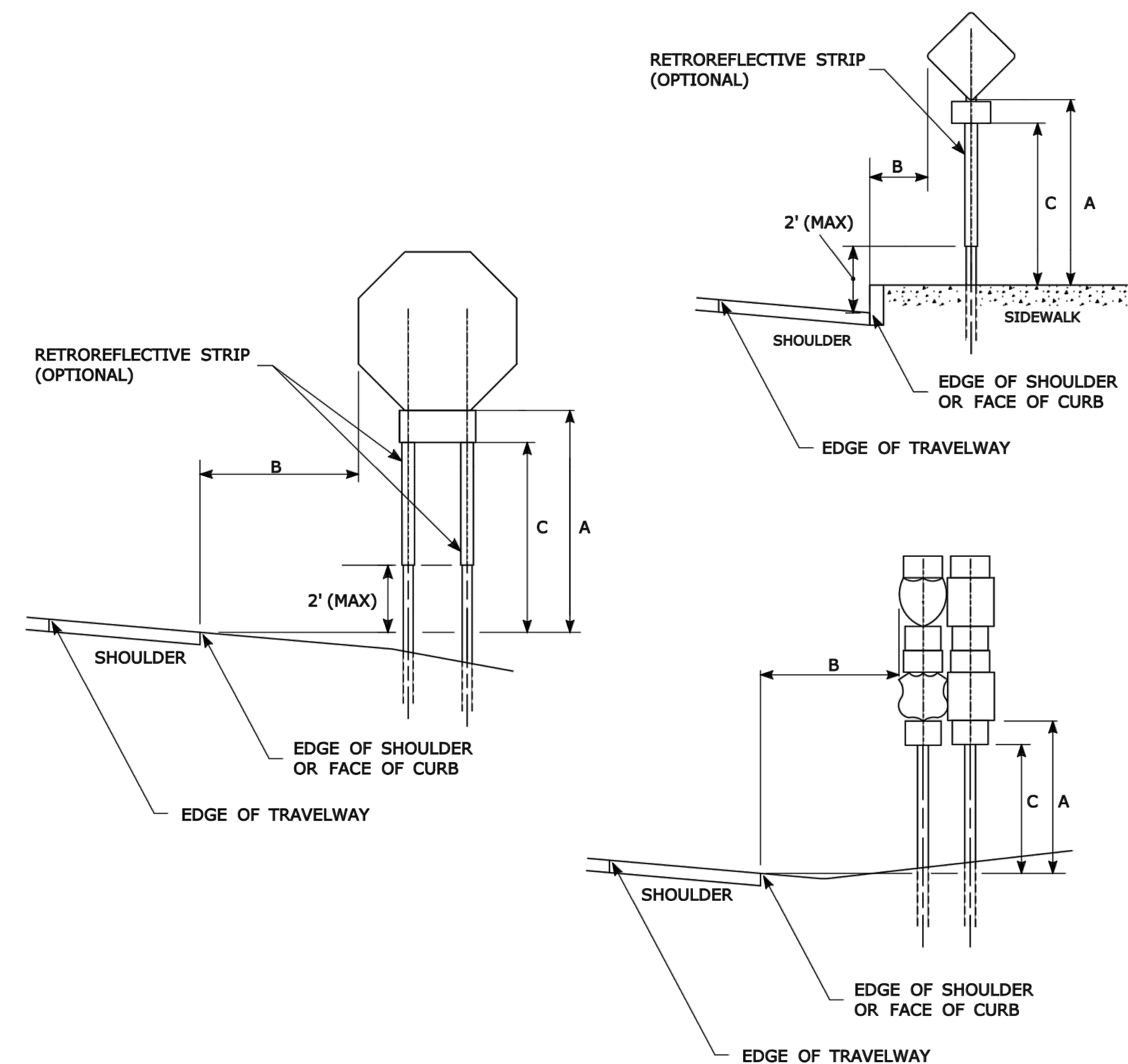


SIGN ORIENTATION DETAILS FOR SIDE MOUNTED SIGNS ON STRUCTURAL STEEL BREAKAWAY SIGN SUPPORTS



RETROREFLECTIVE STRIP DETAIL

- NOTES:
- RETROREFLECTIVE STRIPS WHICH ARE 48 IN LONG OR LESS SHALL BE ATTACHED USING 2 BOLTS AND RETROREFLECTIVE STRIPS OVER 48 IN LONG SHALL BE ATTACHED USING 3 BOLTS AS SHOWN ON THE DETAILS ABOVE.
- REFER TO STANDARD SHEET No. TR-1208.02 "METAL SIGN POSTS AND SIGN MOUNTING DETAILS" FOR MOUNTING DETAILS.
- RETROREFLECTIVE STRIP COLOR SHALL MATCH THE BACKGROUND COLOR OF THE SIGN, EXCEPT THAT THE COLOR OF THE STRIP FOR "YIELD" AND "DO NOT ENTER" SIGNS SHALL BE RED.



TYPICAL SIGN PLACEMENT DETAIL

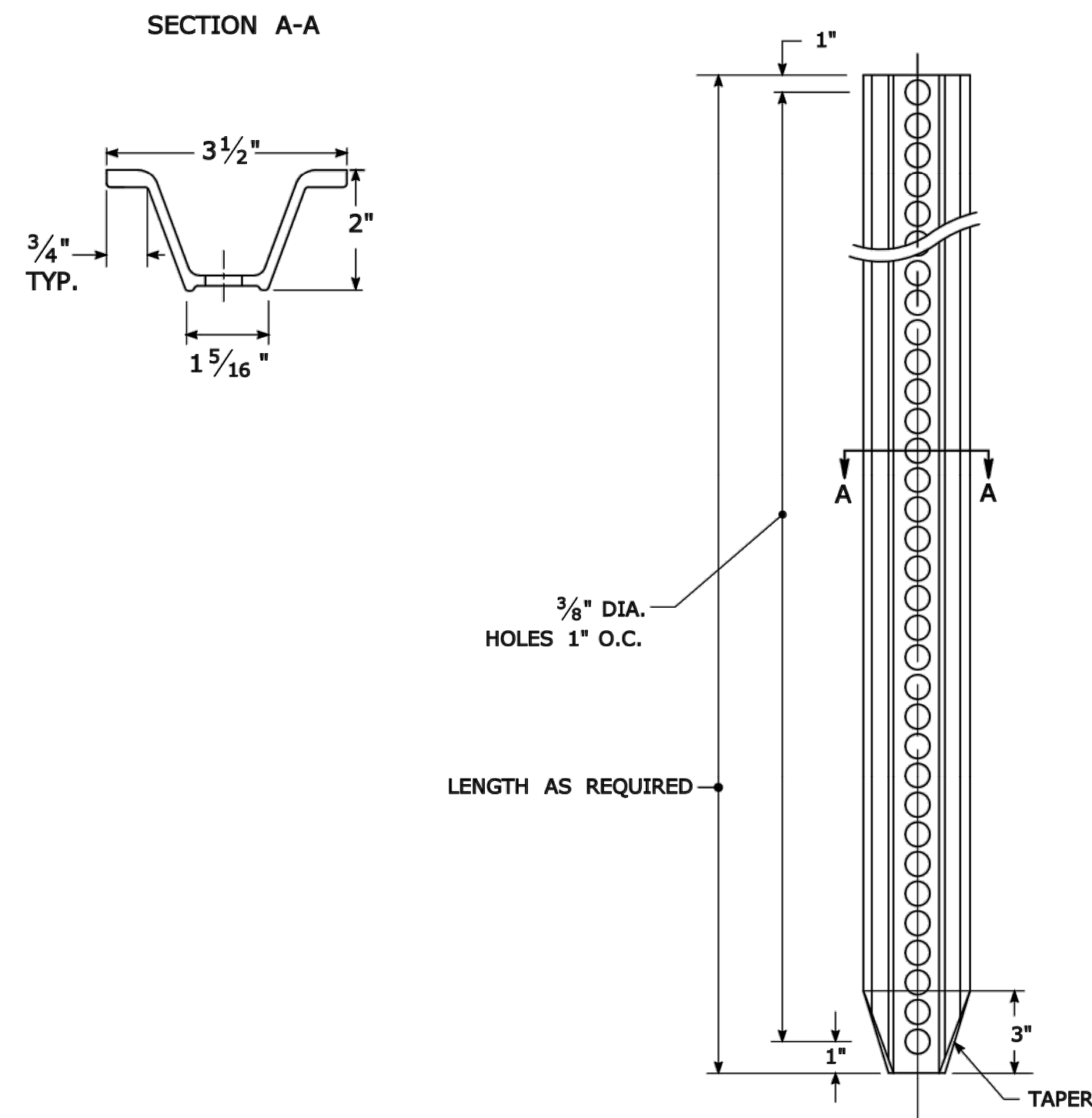
- NOTES:
- ALL SIGNS AND SHIELDS ON DIRECTIONAL ASSEMBLIES SHALL ABUT VERTICALLY.
- REFER TO STANDARD SHEET No. TR-1208.02 "METAL SIGN POSTS AND SIGN MOUNTING DETAILS" FOR SIGN POSTS AND SIGN MOUNTING.
- IF A RETROREFLECTIVE STRIP IS USED ON SIGN SUPPORT, IT SHALL BE PLACED FOR THE FULL LENGTH OF THE SUPPORT FROM THE BOTTOM OF THE SIGN TO WITHIN 2 FT ABOVE THE EDGE OF THE ROADWAY.
- PARKING SIGNS TYPICALLY USE 45° MOUNTING BRACKET.

DIM "A" MIN SIGN HEIGHT	DIM "B" MIN LATERAL OFFSET	DIM "C" MIN PLAQUE HEIGHT	ASSEMBLY LOCATION
7' Δ	6' Δ	5'	SIGNS ON FREEWAYS AND EXPRESSWAYS EXCEPT CHEVRON ALIGNMENT SIGNS, ONE-DIRECTION LARGE ARROW SIGNS, DO NOT ENTER SIGNS, AND WRONG WAY SIGNS
5'	2'	4'	• SIGNS IN RURAL AREAS • DO NOT ENTER AND WRONG WAY SIGNS ALONG EXIT RAMP • DO NOT ENTER AND WRONG WAY SIGNS ON LIMITED ACCESS HIGHWAYS
5'	2'	N/A	• CHEVRON ALIGNMENT SIGNS LOCATED ON FREEWAYS, EXPRESSWAYS, RAMP, AND IN RURAL AREAS • ONE-DIRECTION LARGE ARROW SIGNS LOCATED ON FREEWAYS, EXPRESSWAYS, RAMP, AND IN RURAL AREAS
4'	2'	4'	CENTRAL ISLANDS OF ROUNDABOUTS
7'	2' Δ	6'	BUSINESS & RESIDENTIAL AREAS WHERE PARKING OR OTHER OBSTRUCTIONS LIMIT VISIBILITY
7'	2' Δ	7'	SIDEWALKS Δ

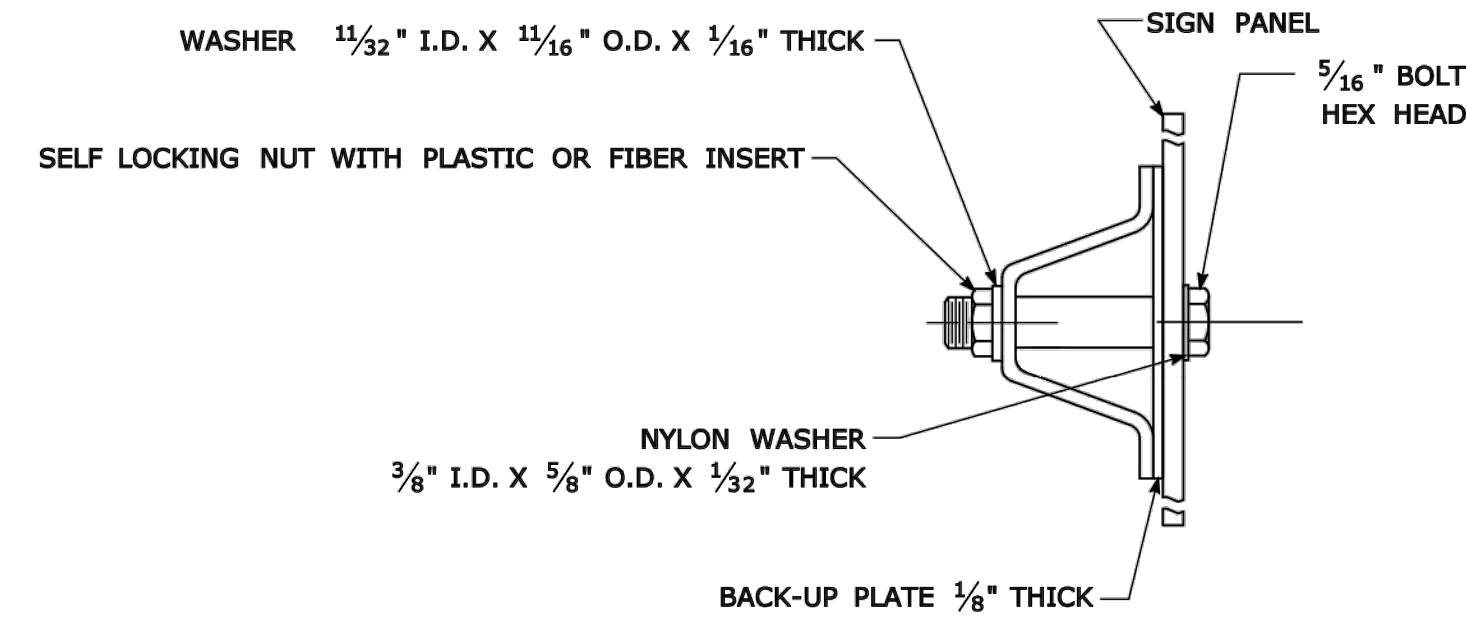
- Δ OR AS DIRECTED BY THE ENGINEER
- Δ 8 FT MINIMUM HEIGHT REQUIRED IF A SUPPLEMENTAL PLAQUE IS SUBMOUNTED BELOW THE MAJOR SIGN.
- Δ 6 FT FROM EDGE OF SHOULDER, WHEN SHOULDER IS OVER 6 FT WIDE
12 FT FROM EDGE OF TRAVELWAY, WHEN SHOULDER IS LESS THAN 6 FT WIDE.
- Δ A LATERAL OFFSET OF AT LEAST 1 FT FROM THE FACE OF THE CURB MAY BE USED WHERE SIDEWALK WIDTH IS LIMITED OR WHERE EXISTING UTILITY POLES ARE CLOSE TO THE CURB.
- Δ A CLEAR PATH OF NOT LESS THAN 4 FT SHALL BE PROVIDED IN SIDEWALK AREAS.

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2	4-2017	MINOR REVISIONS.											
1	2-2011	MINOR REVISIONS.											
REV.	DATE	REVISION DESCRIPTION	Plotted Date: 4/3/2017	Filename: TR-1208.01_LATEST_REVISION.dgn	Model: TR-1208.01	APPROVED BY: Gregory M. Dorosh, P.E. 2017.04.20 13:14:38-04'00'							

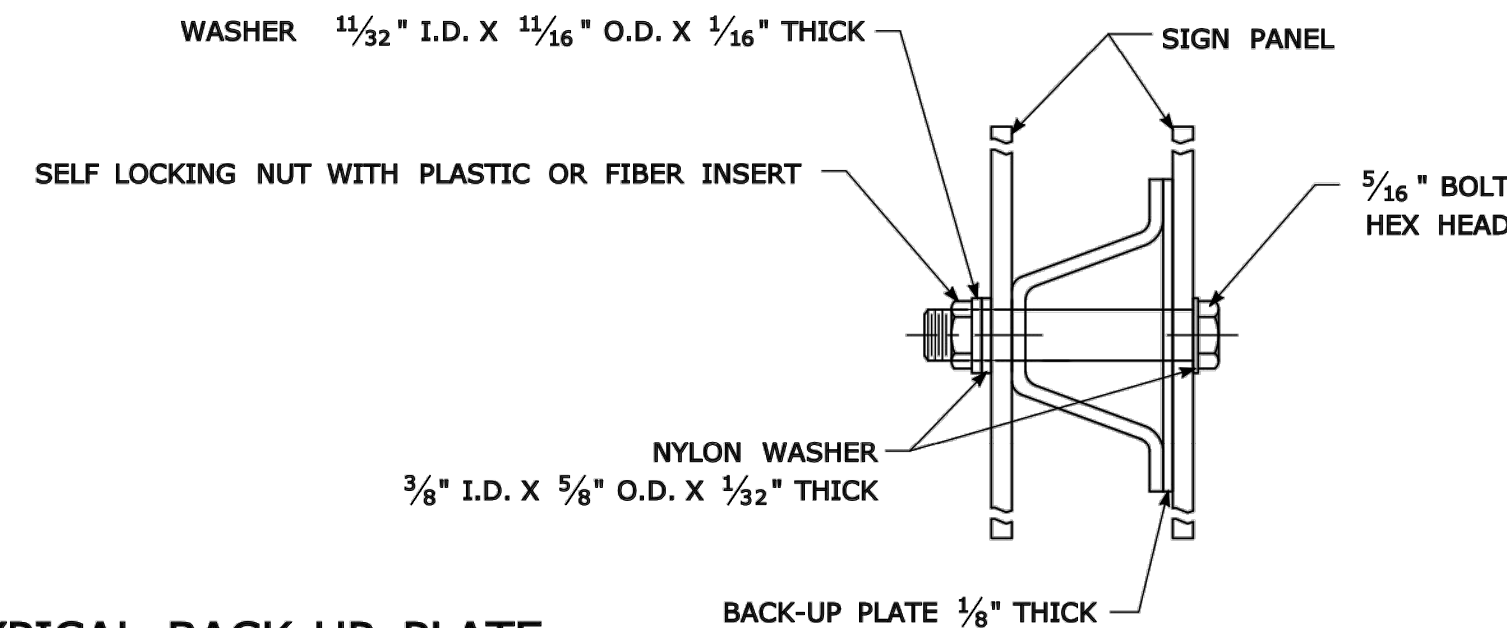
TYPICAL METAL SIGN POSTS



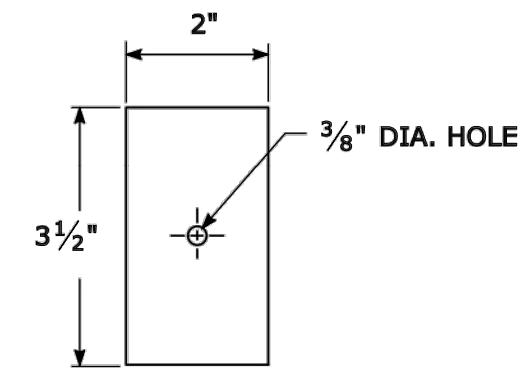
TYPICAL SIGN PANEL ATTACHMENT



TYPICAL BACK TO BACK SIGN PANEL ATTACHMENT

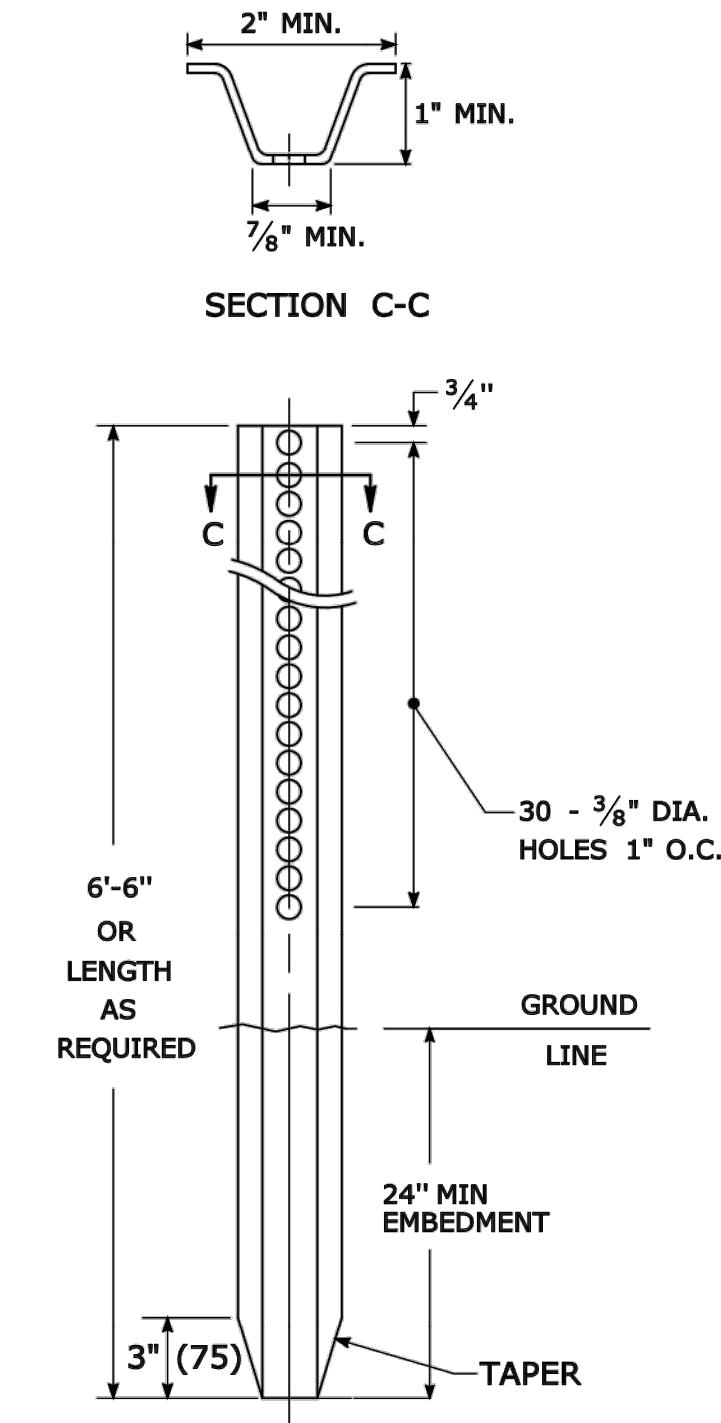


TYPICAL BACK-UP PLATE



BOLTS - STAINLESS STEEL CONFORMING TO ASTM F593, ALLOY GROUP 1 OR 2 (ALLOY TYPES 304 OR 316).
 SELF LOCKING NUTS - STAINLESS STEEL CONFORMING TO ASTM F594, ALLOY GROUP 1 OR 2 (ALLOY TYPES 304 OR 316).
 WASHERS - STAINLESS STEEL CONFORMING TO ASTM A240, (ALLOY TYPES 304 OR 316).

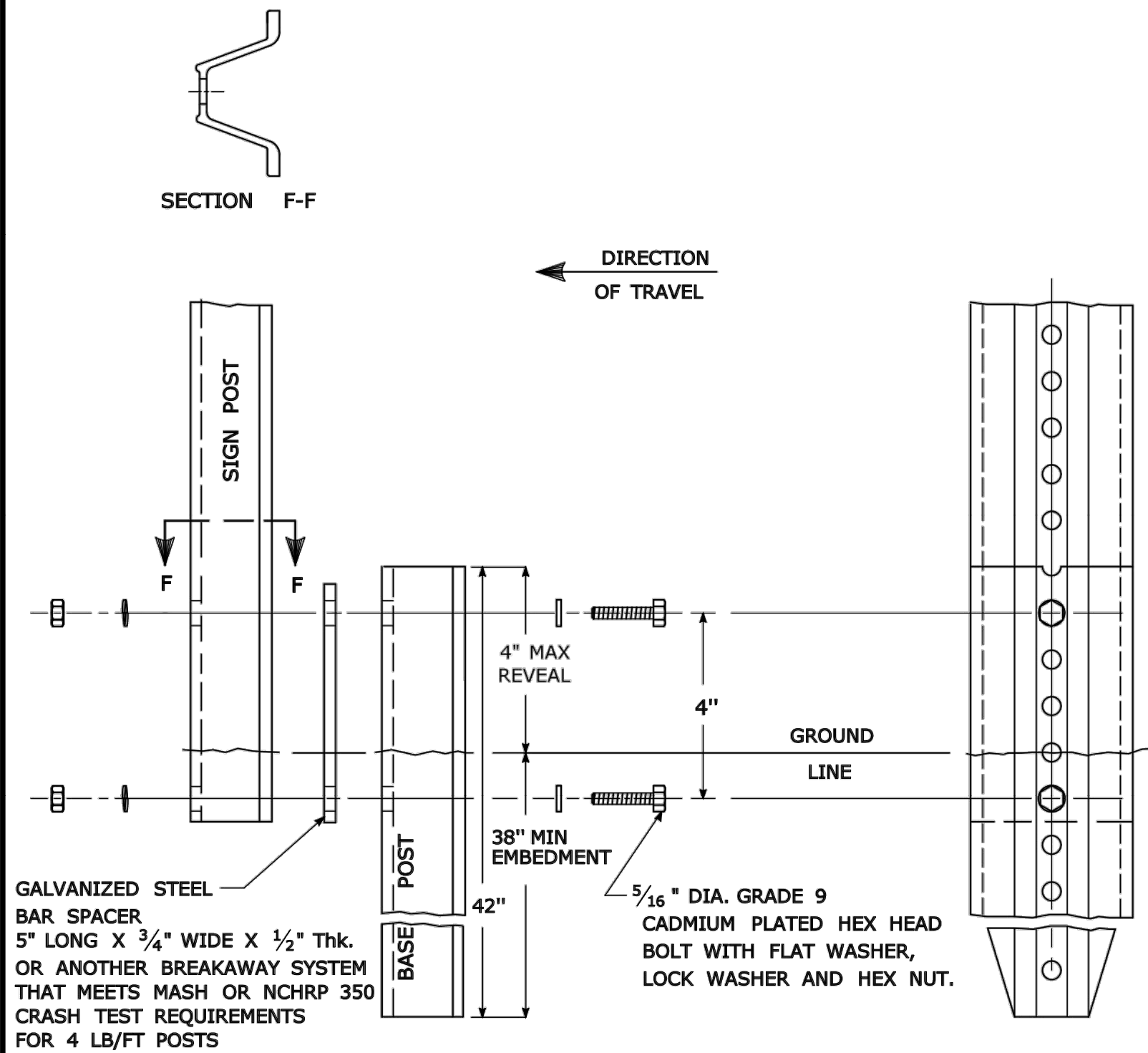
METAL DELINEATOR POST
 WT./FT. = 1.12 LBS./FT. MIN.



GENERAL NOTES:

- STEEL FOR DELINEATOR POSTS SHALL BE ASTM A36 STEEL. STEEL FOR ALL OTHER POSTS SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A 499 GRADE 80 AND TO THE CHEMICAL REQUIREMENTS OF ASTM A1 CARBON STEEL TEE RAIL HAVING NOMINAL WEIGHT (MASS) OF 91 LBS. OR GREATER PER LINEAR YARD.
- AFTER FABRICATION, ALL STEEL POSTS, STRAPS AND PLATES SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A123.
- WASHERS FOR BREAKAWAY INSTALLATIONS SHALL MEET ASTM F436, TYPE 1.
- SPACER BAR FOR BREAKAWAY INSTALLATION SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A36.
- ALL BOLTS, NUTS, AND WASHERS FOR BREAKAWAY INSTALLATIONS SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A153.
- ALL SIGN POSTS SHALL HAVE BREAKAWAY FEATURES THAT MEET AASHTO REQUIREMENTS CONTAINED IN THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS." THE BREAKAWAY FEATURES SHALL BE STRUCTURALLY ADEQUATE TO CARRY THE SIGNS SHOWN IN THE PLANS AT 60 MPH WIND LOADINGS. INSTALLATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- SIGN POSTS SHALL BE 4 LBS./FT.

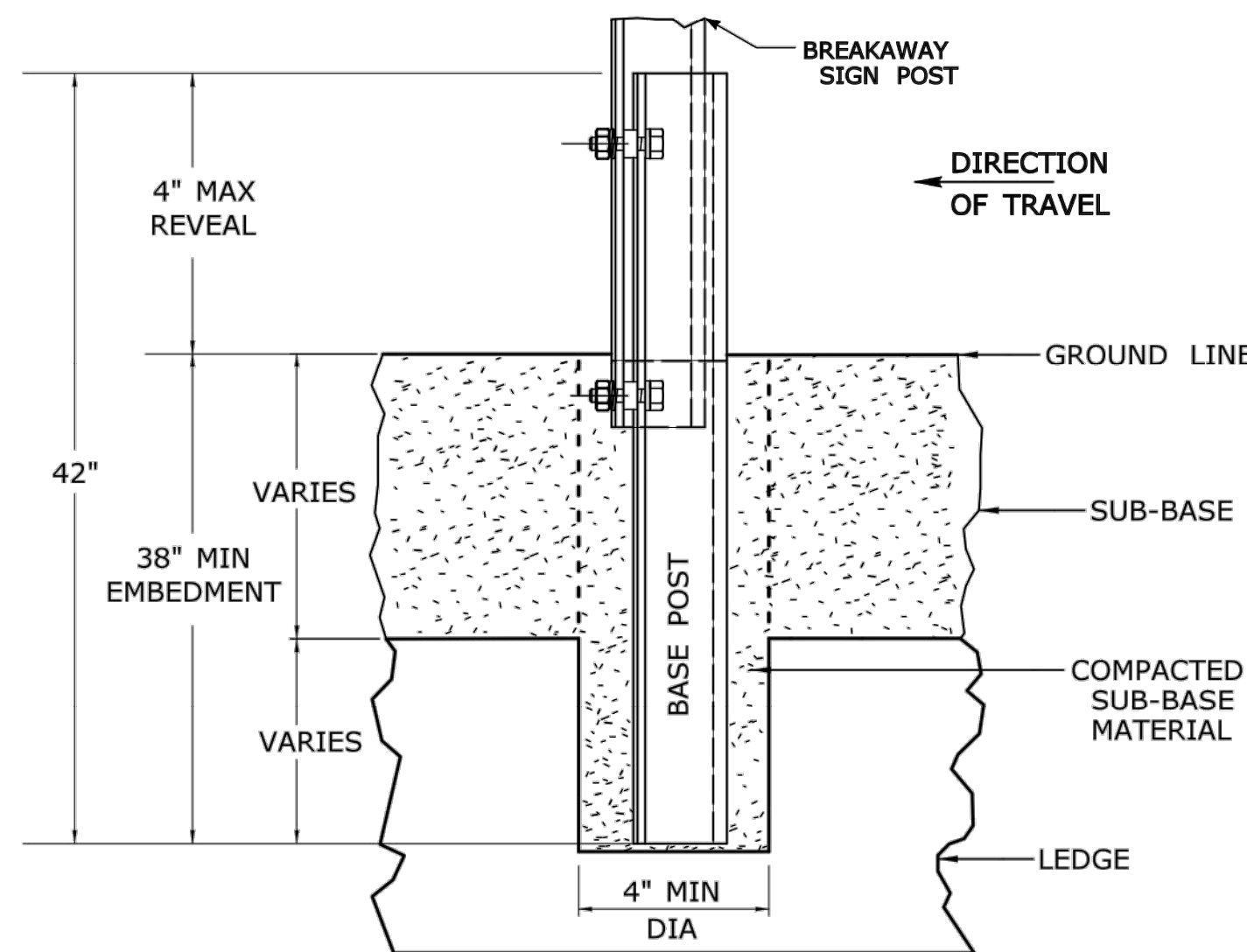
BREAKAWAY INSTALLATION
 FOR 4 LBS./FT. POSTS



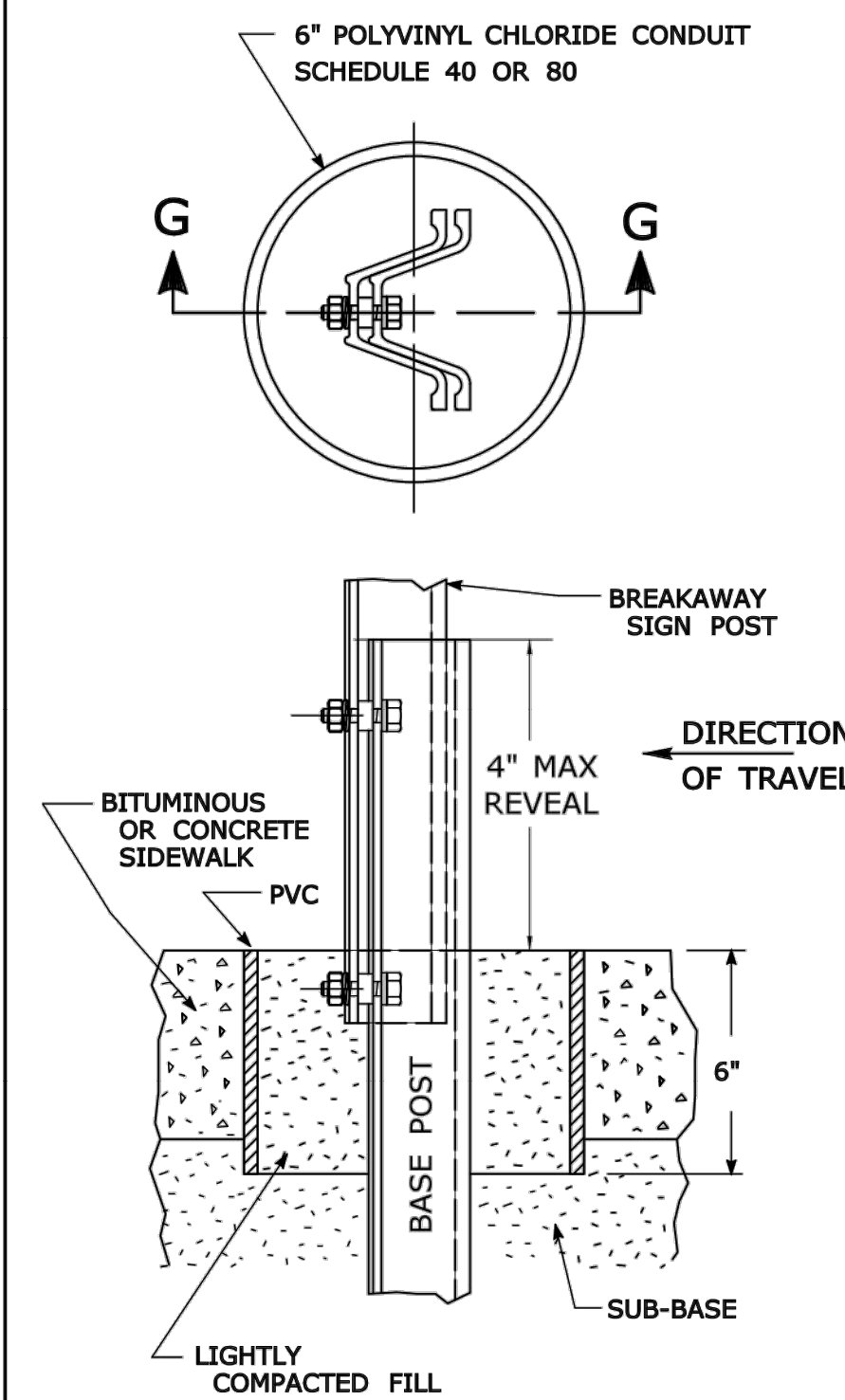
GALVANIZED STEEL BAR SPACER 5" LONG X 3/4" WIDE X 1/2" THK. OR ANOTHER BREAKAWAY SYSTEM THAT MEETS MASH OR NCHRP 350 CRASH TEST REQUIREMENTS FOR 4 LB/FT POSTS

TYPICAL SIGN POST INSTALLATION IN LEDGE

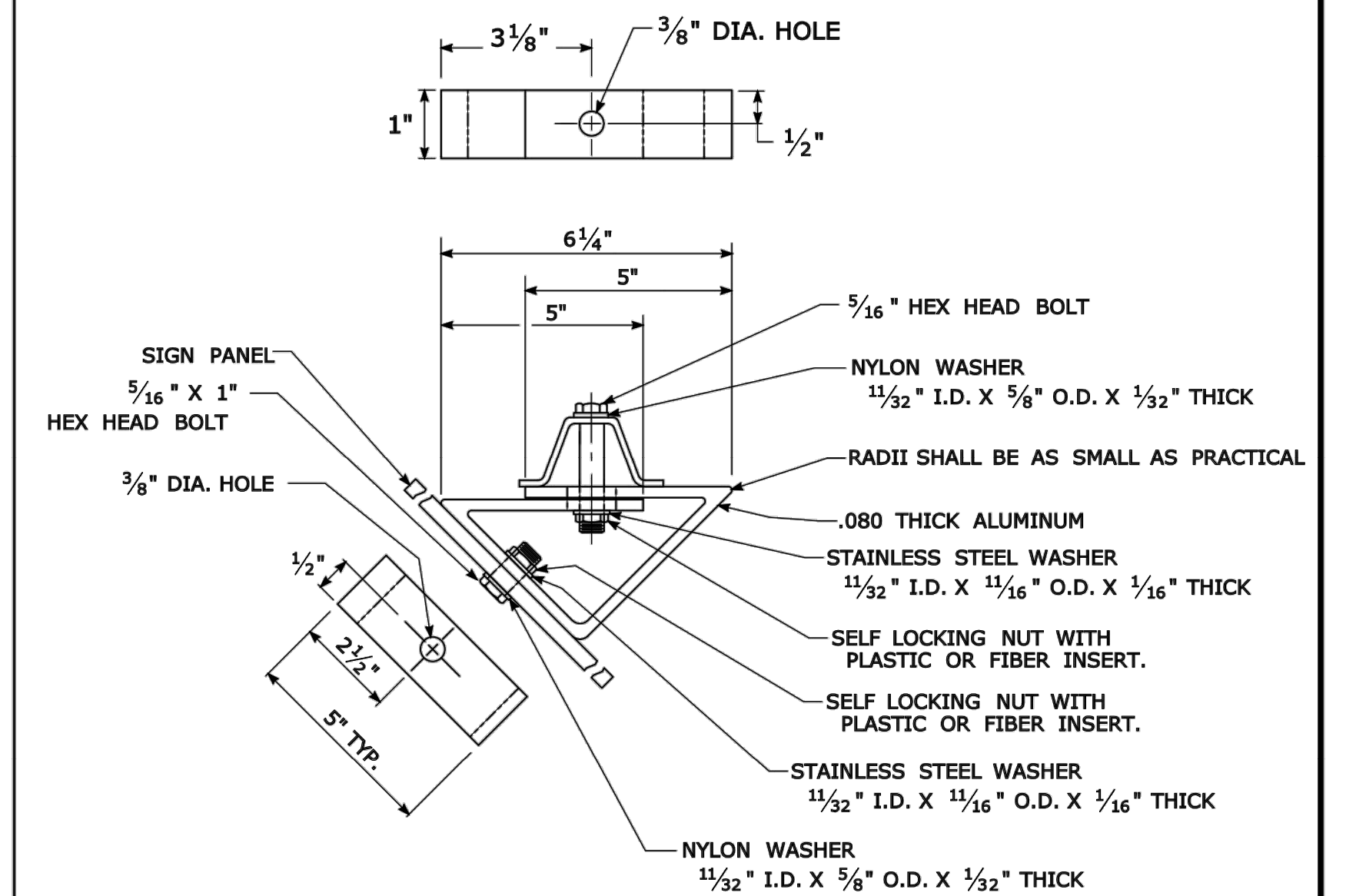
LEDGE SHALL BE REMOVED TO DRIVE THE BASE POST TO A DEPTH OF 38". HOLE SHALL BE FILLED WITH SUB-BASE MATERIAL AND COMPACTED WITH A TAMPING BAR, OR TECHNIQUE APPROVED BY THE ENGINEER, PRIOR TO BASE POST INSTALLATION.



TYPICAL SLEEVE FOR PAVED AREAS



45° MOUNTING BRACKET FOR INSTALLATION OF PARKING SIGNS



REV.	DATE	REVISION DESCRIPTION
2	6-2017	SIGN POST REVISIONS.
1	2-2011	MINOR REVISIONS.

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Plotted Date: 6/6/2017

NOT TO SCALE



Filename: TR-1208_02_May_2017_Revision.dgn Model: TR-1208_02

SUBMITTED BY: Mark F. Mikusch, P.E. 2017.06.07 07:30:30-04'00'
 Mary E. Baker, P.E. 2017.06.13 15:28:14-04'00'
 APPROVED BY: Gregory M. Dorosh, P.E. 2017.06.15 09:27:29-04'00'

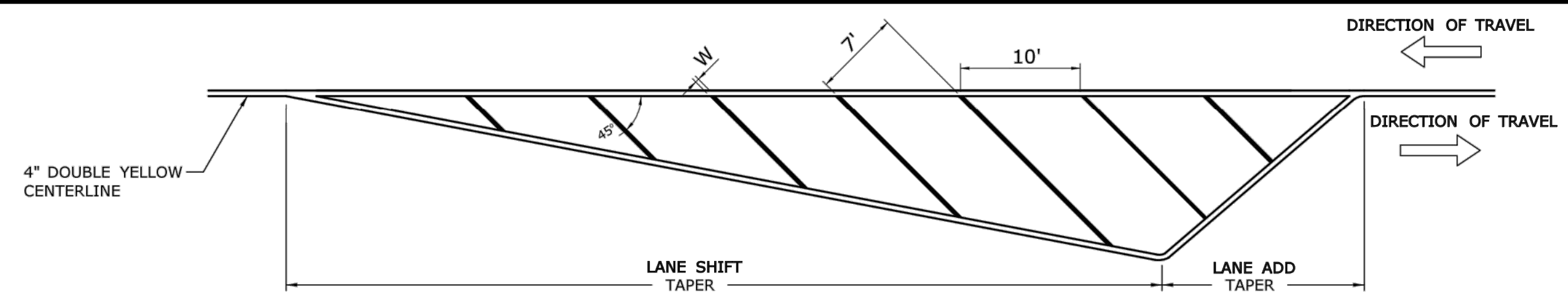
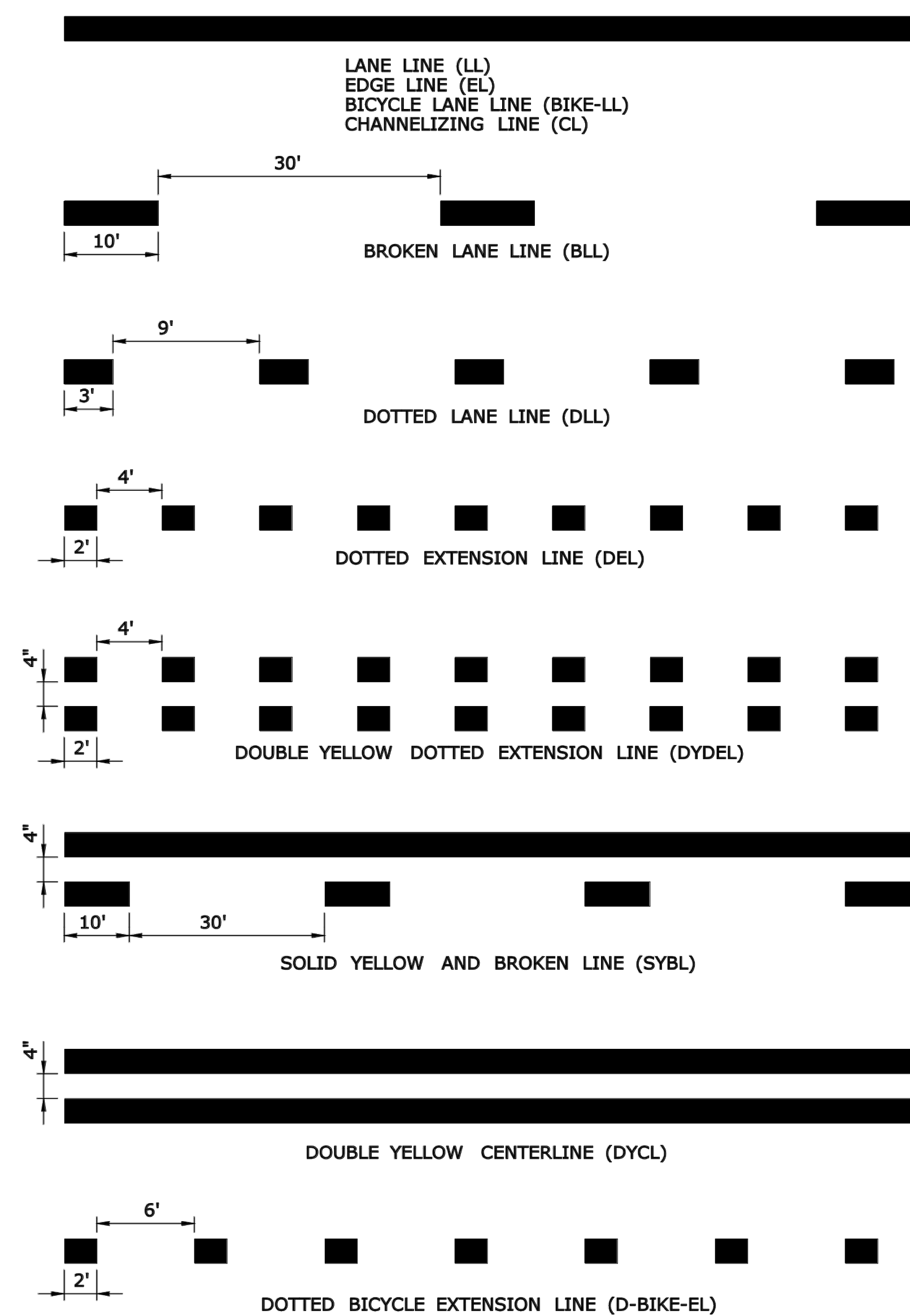
CTDOT
 STANDARD SHEET
 OFFICE OF ENGINEERING

STANDARD SHEET TITLE:

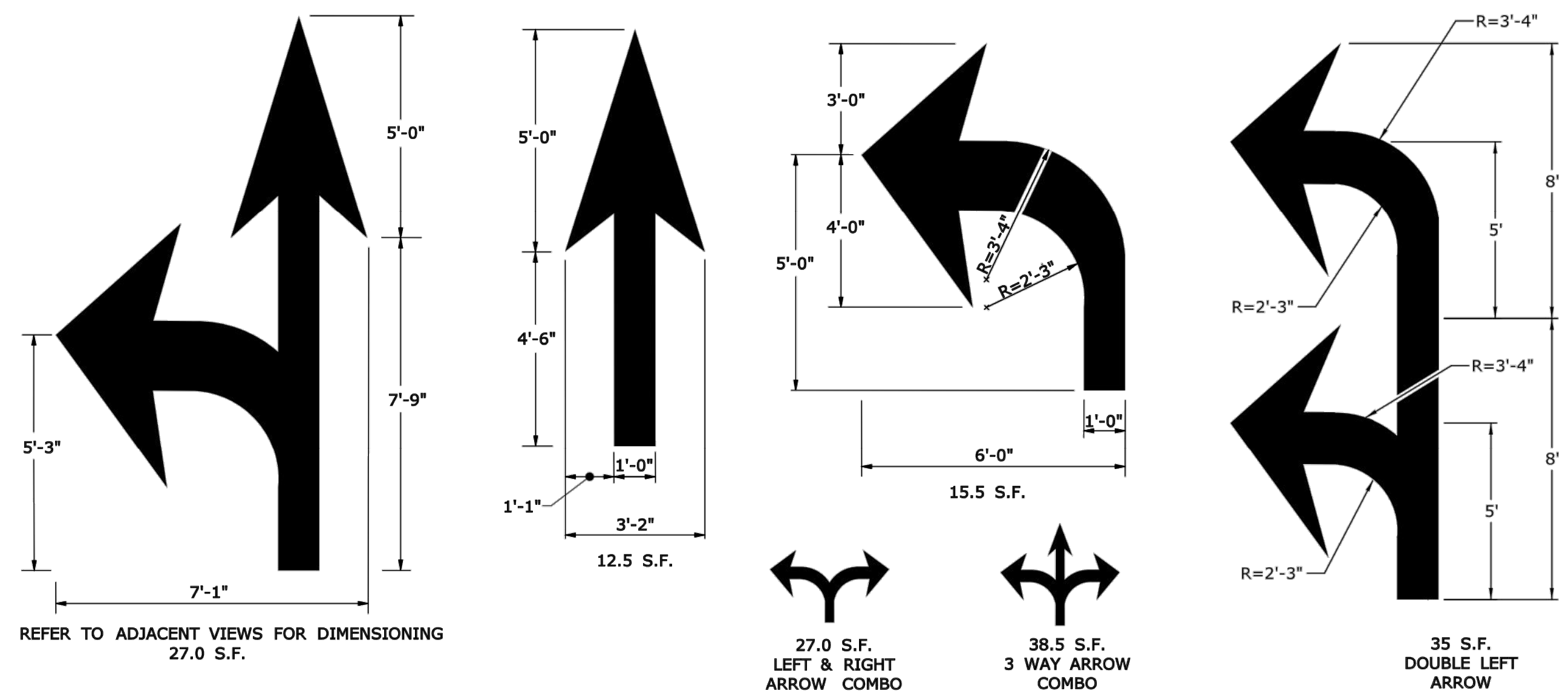
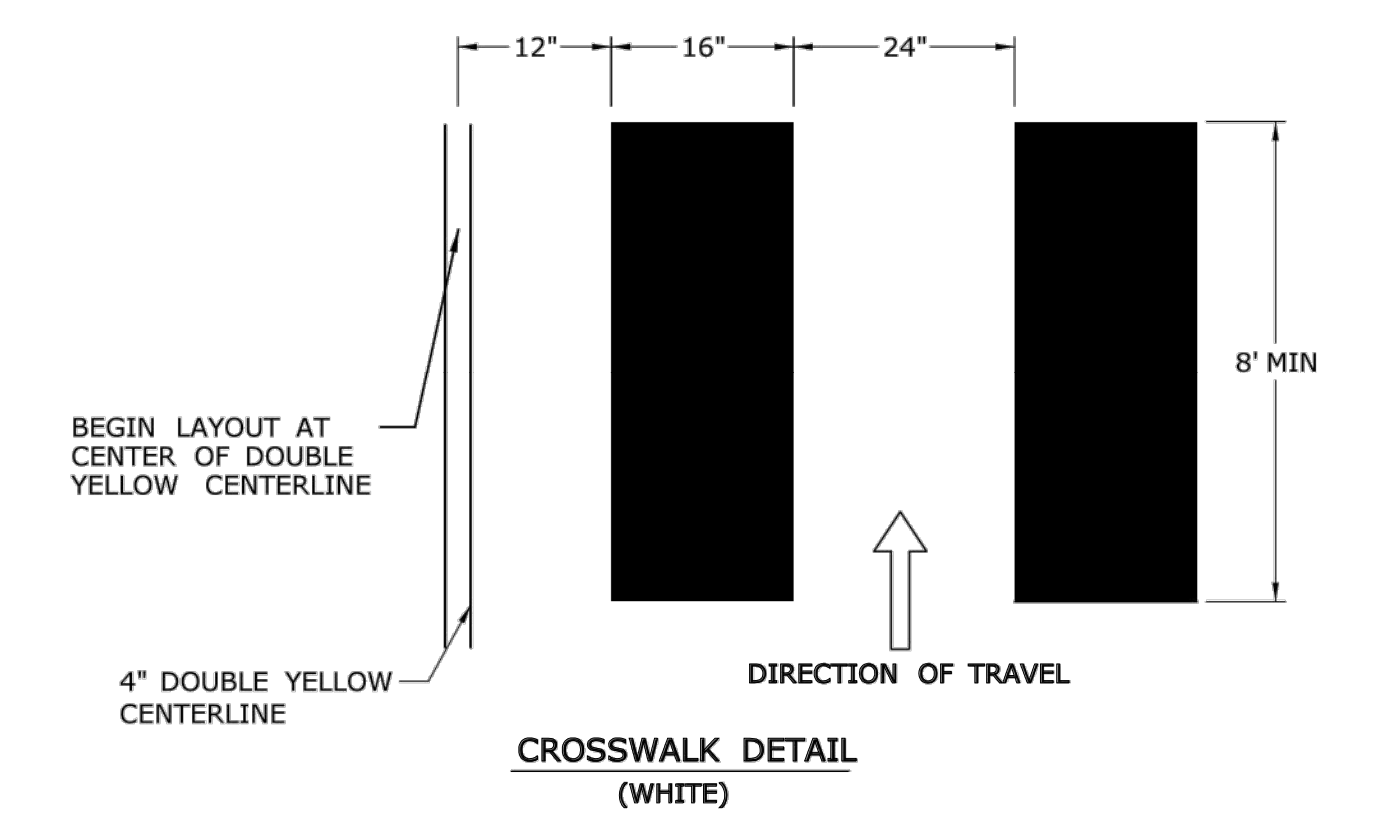
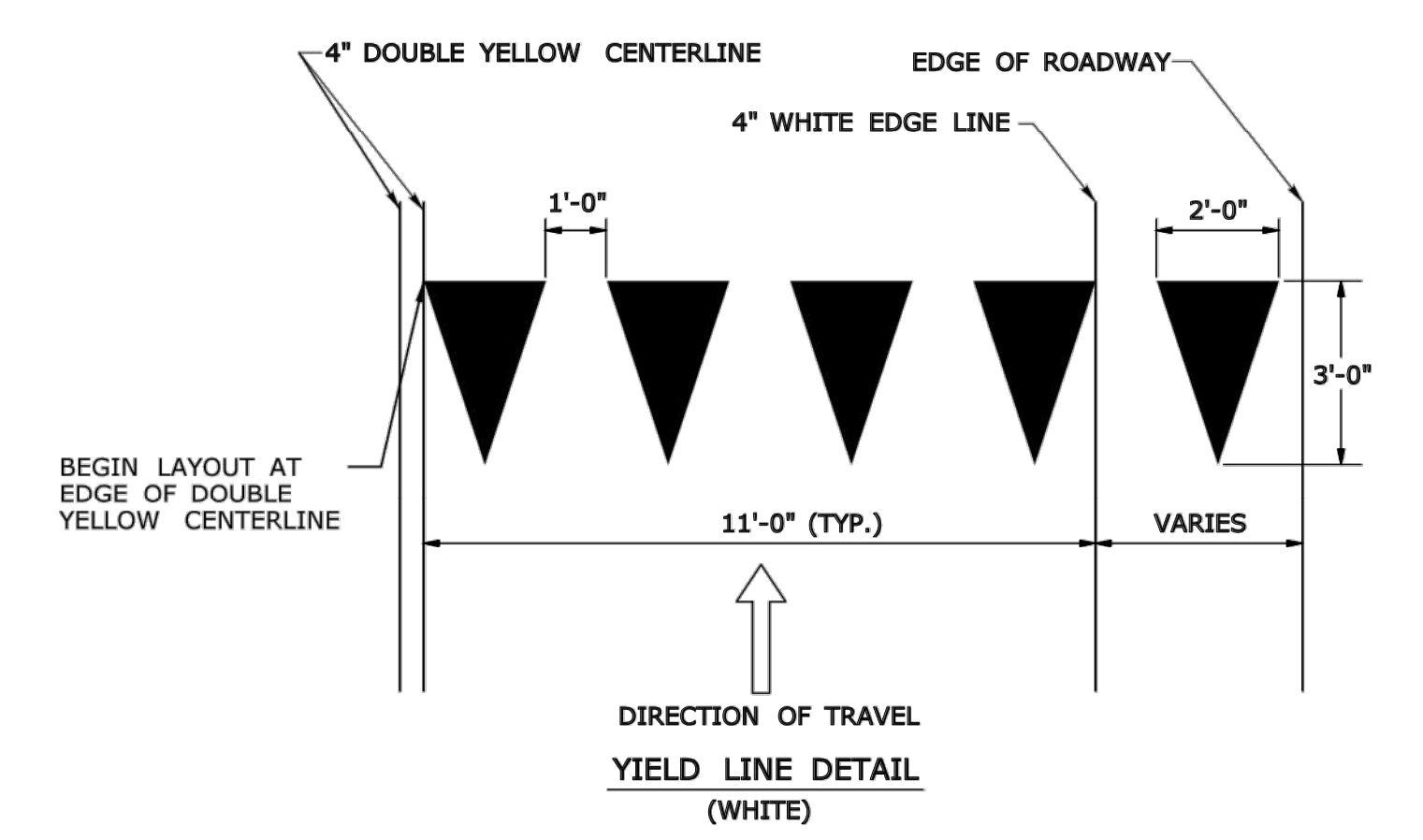
METAL SIGN POSTS AND SIGN MOUNTING DETAILS

GUIDE SHEET NO.:

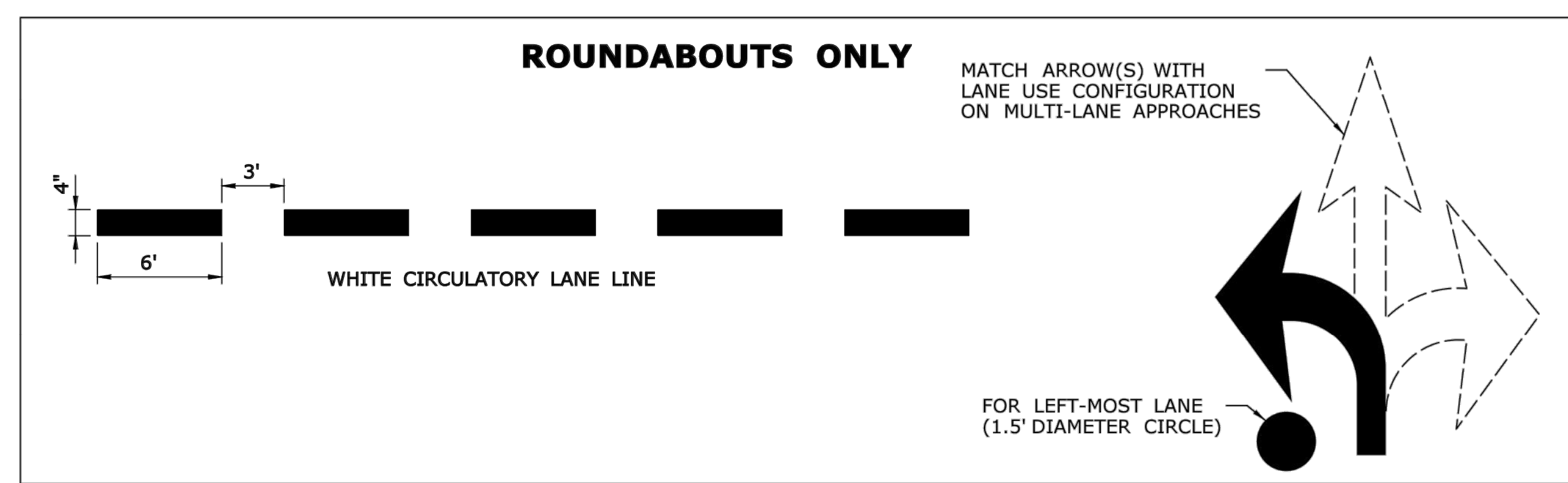
TR-1208_02



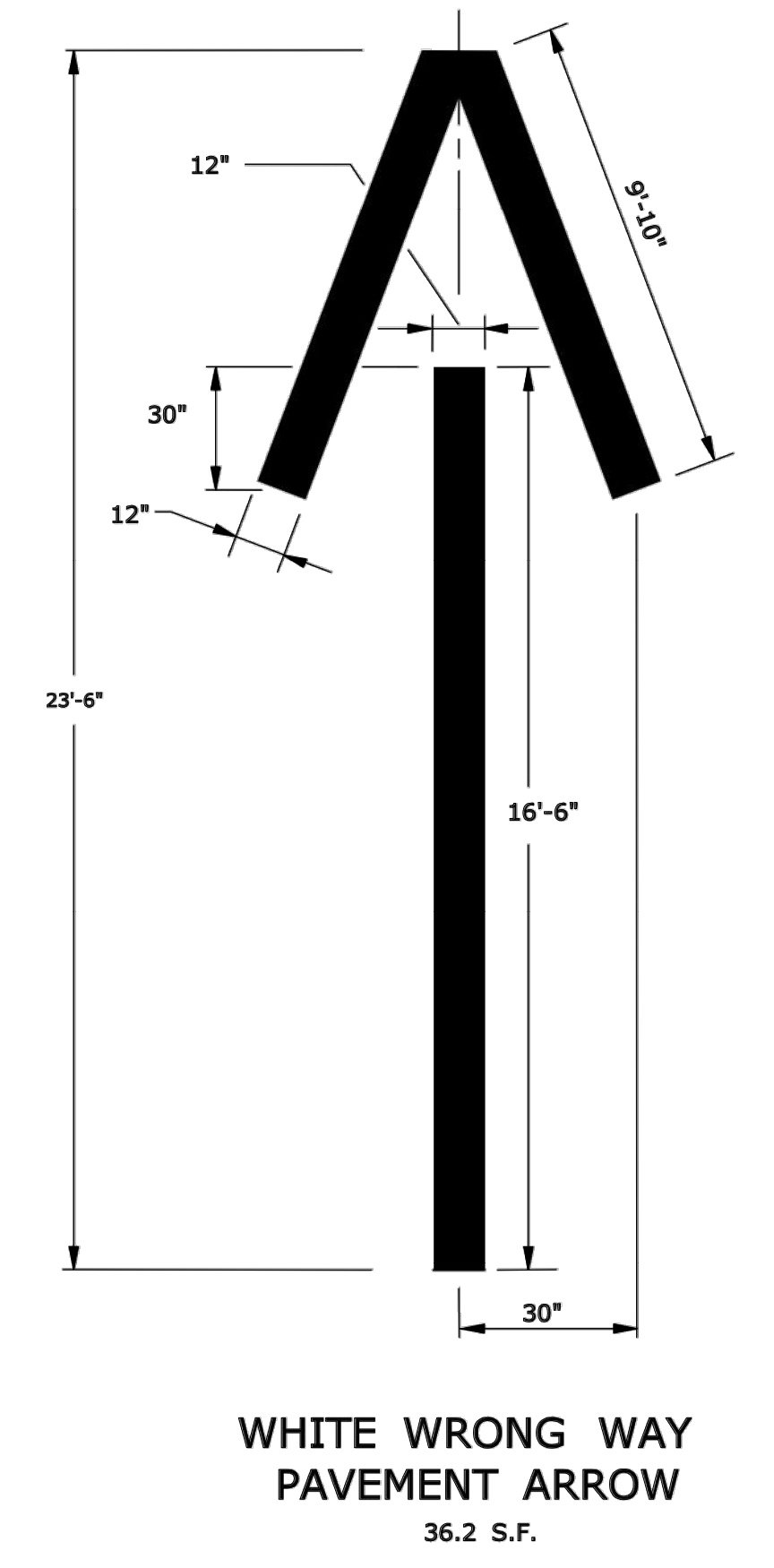
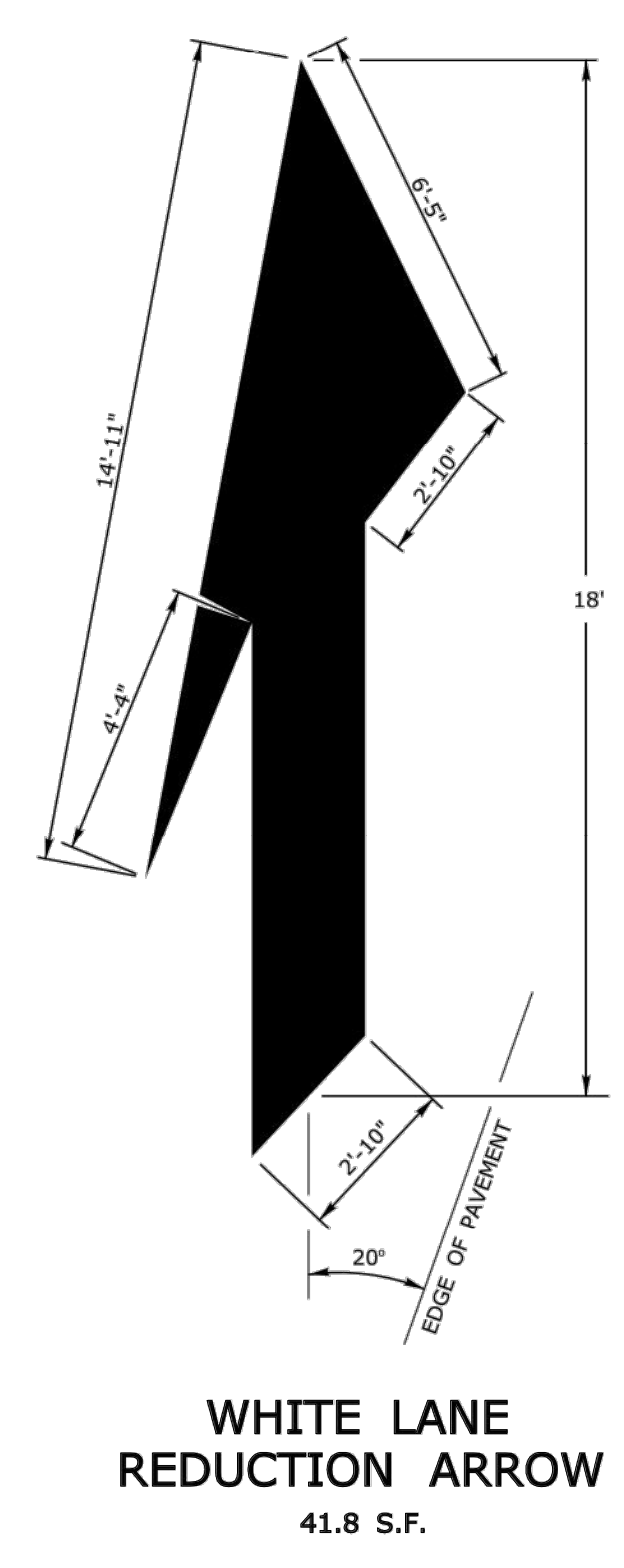
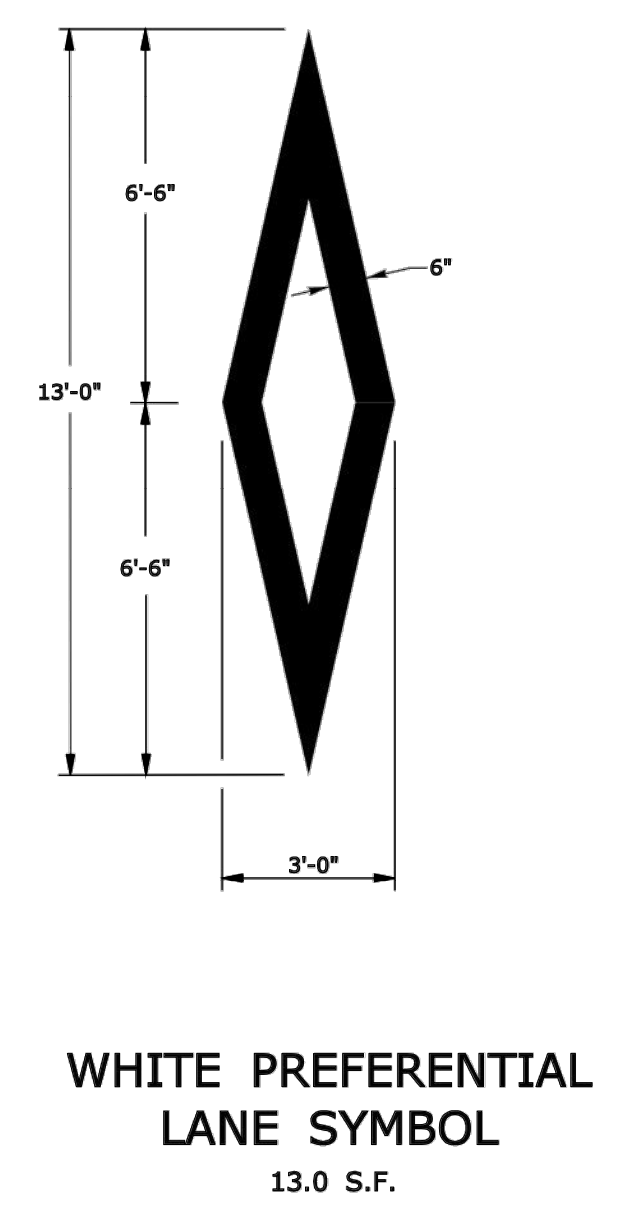
CROSS HATCHED ISLAND DETAIL (YELLOW)
 W IS TO BE 6" WHEN POSTED SPEED ≤ 45 MPH
 W IS TO BE 12" WHEN POSTED SPEED > 45 MPH
 CROSS HATCHED ISLANDS ARE TO BE INSTALLED WHERE CALLED FOR ON THE PLANS

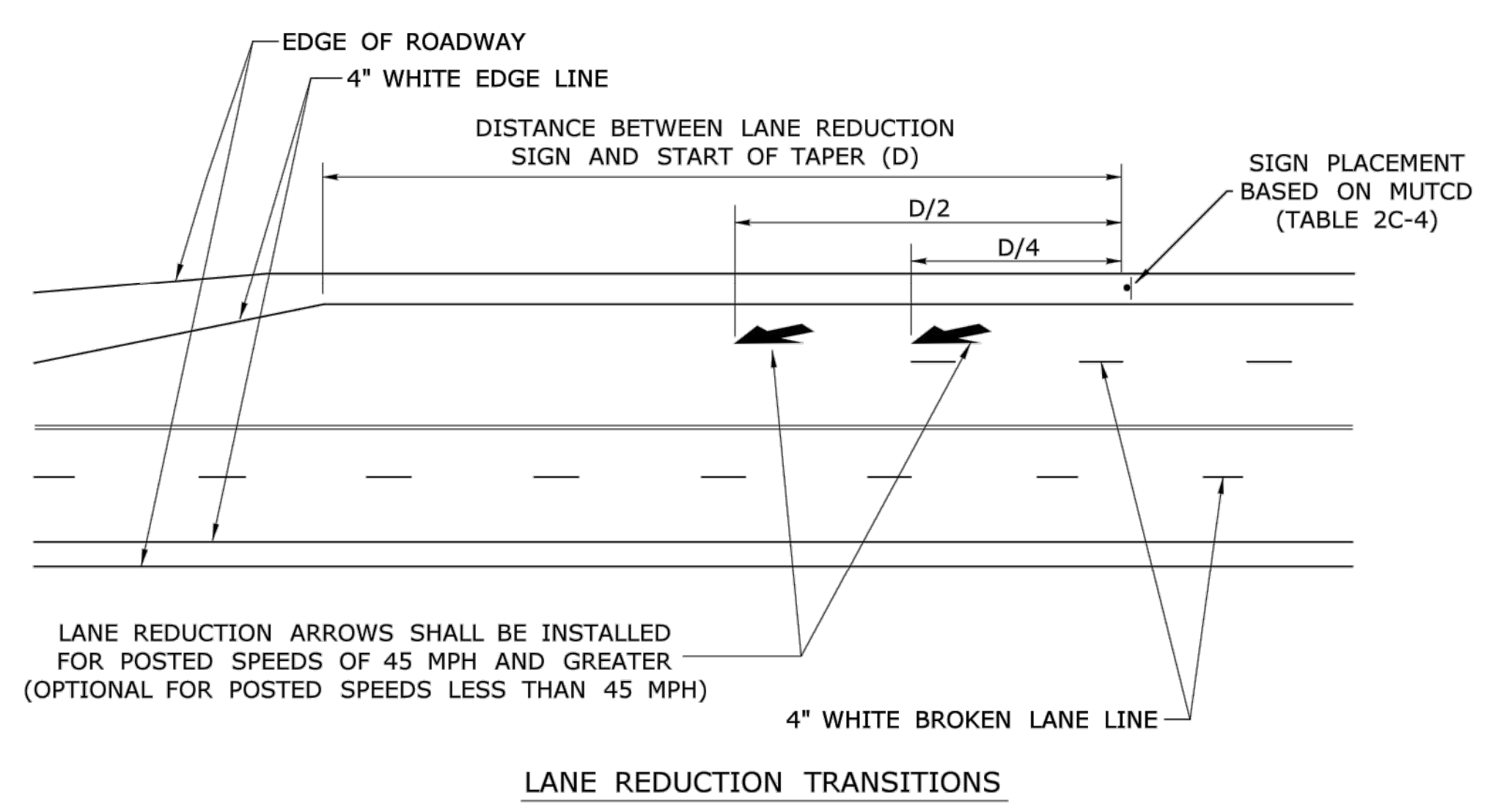
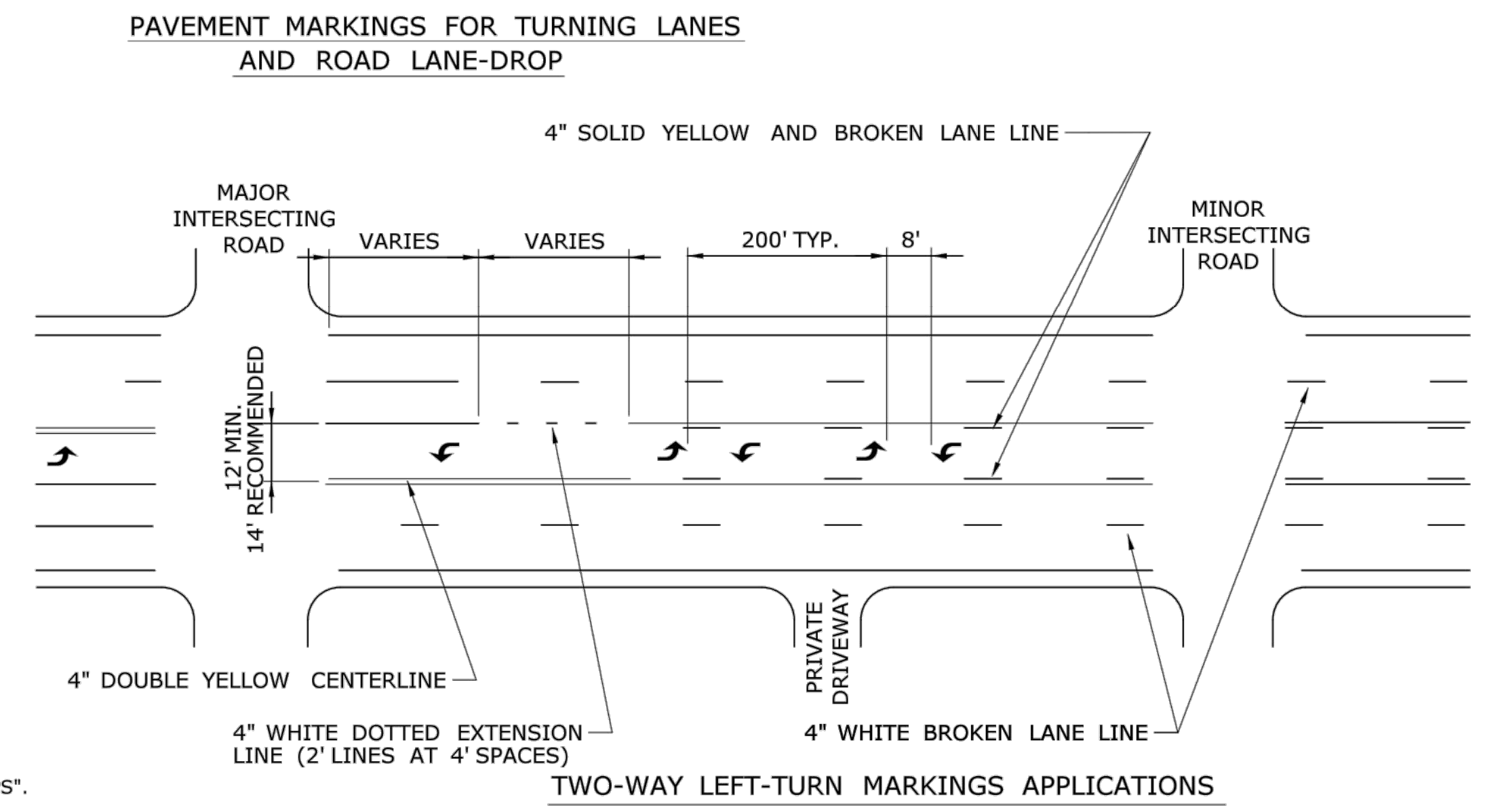
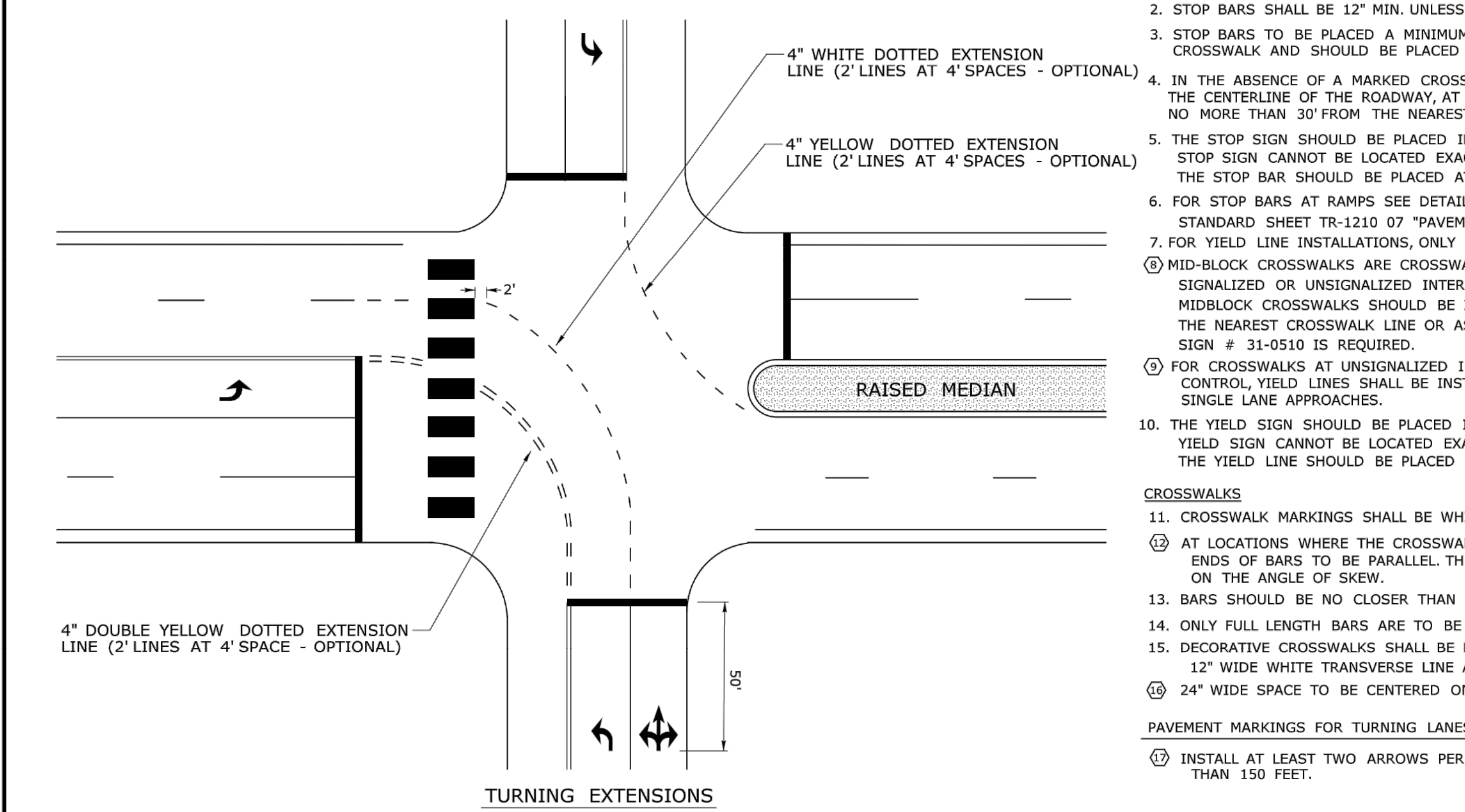
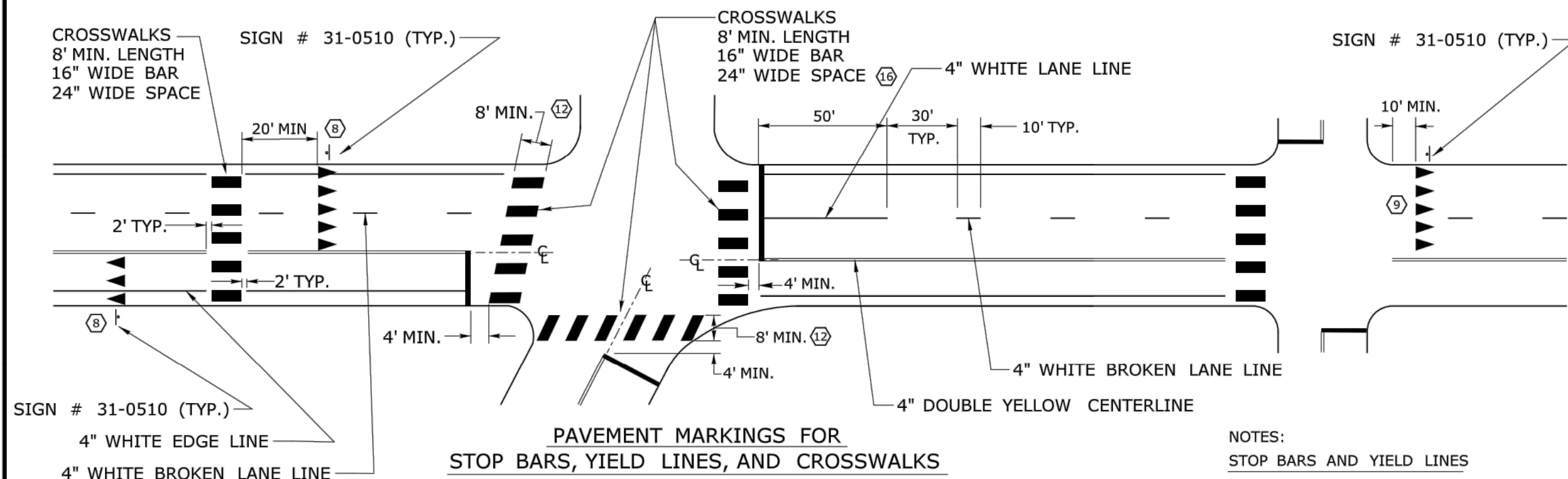
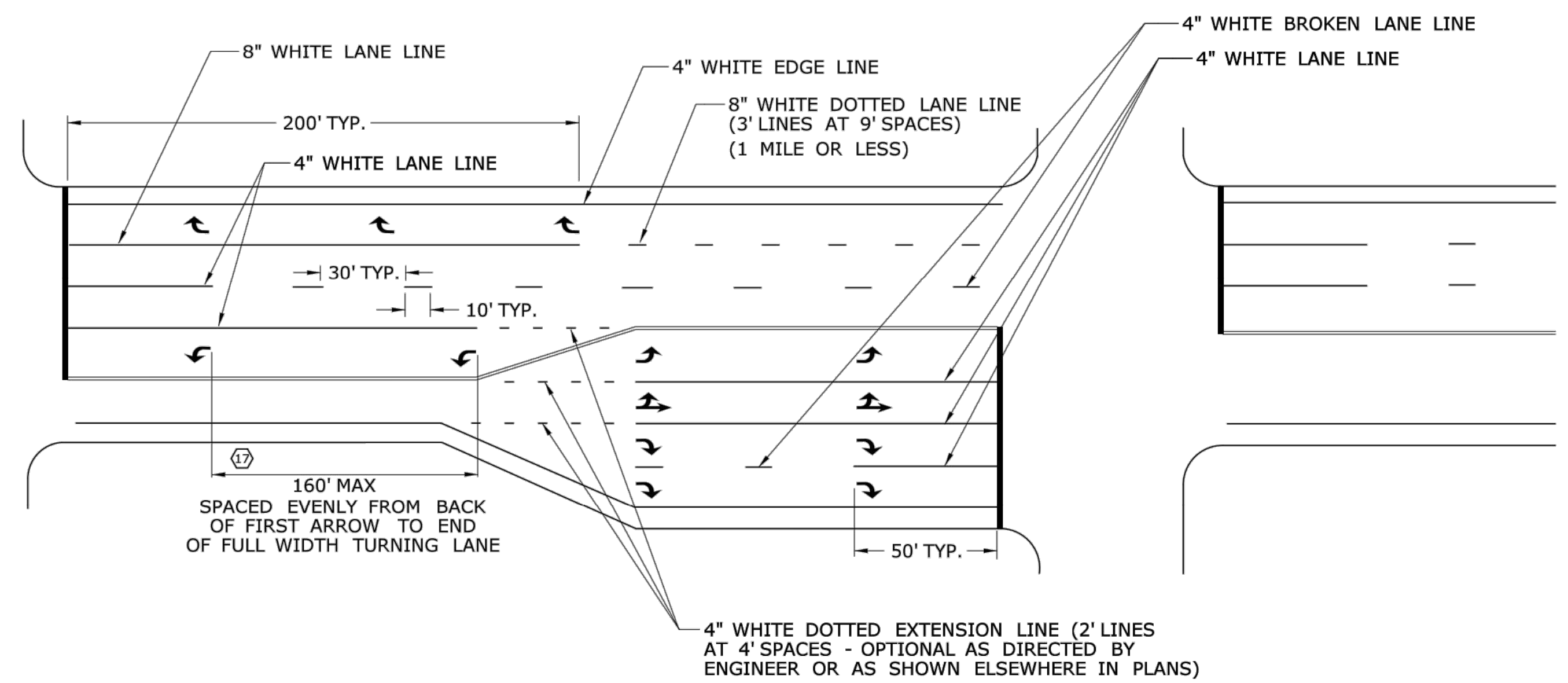
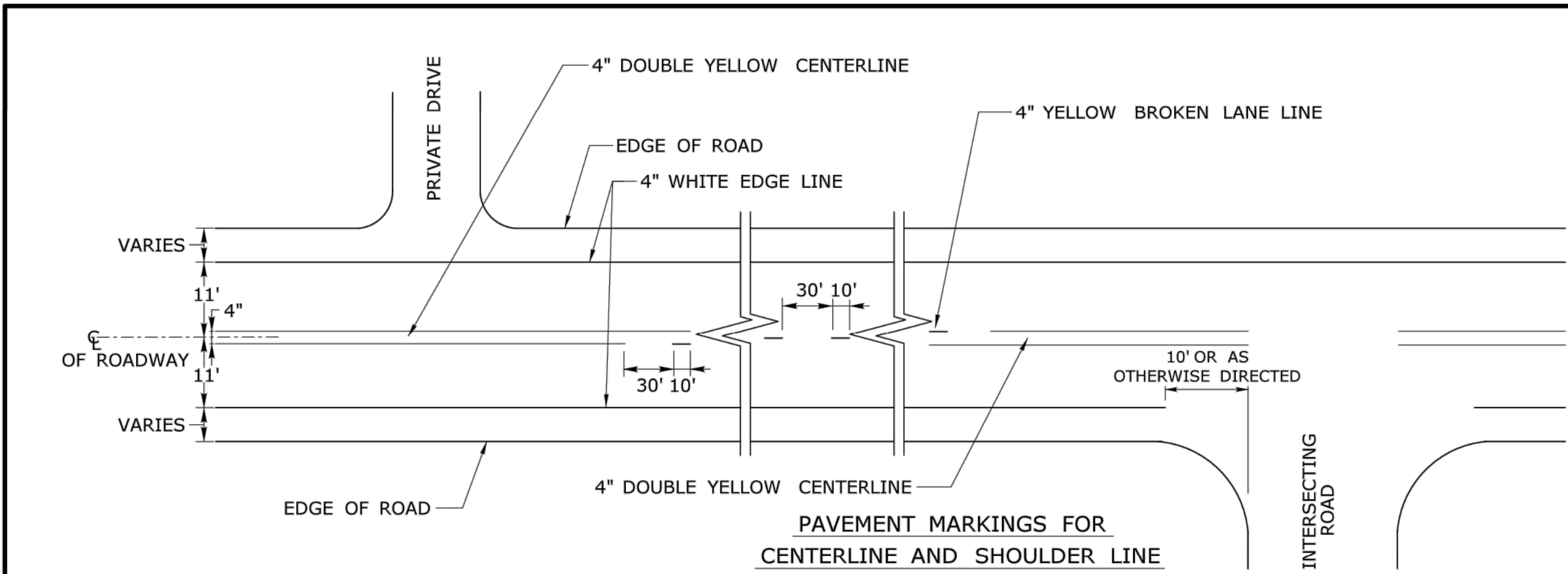


PAVEMENT ARROW DETAILS (WHITE)
 ARROWS SHALL BE CENTERED IN TRAVEL LANE



- NOTES :
1. AREA OF PAVEMENT MARKINGS AS INDICATED IS APPROXIMATE.
 2. RIGHT TURN PAVEMENT MARKING ARROWS ARE MIRROR IMAGE OF LEFT TURN PAVEMENT MARKING ARROWS.





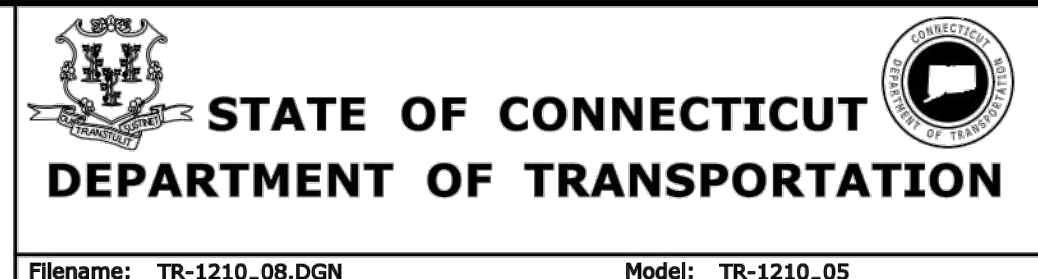
- NOTES:**
STOP BARS AND YIELD LINES
1. STOP BARS AND YIELD LINES SHALL BE WHITE.
 2. STOP BARS SHALL BE 12" MIN. UNLESS OTHERWISE NOTED ON PLANS.
 3. STOP BARS TO BE PLACED A MINIMUM OF 4' IN ADVANCE OF THE NEAREST EDGE OF CROSSWALK AND SHOULD BE PLACED 90° TO THE CENTERLINE OF THE ROADWAY.
 4. IN THE ABSENCE OF A MARKED CROSSWALK THE STOP BAR SHOULD BE PLACED 90° TO THE CENTERLINE OF THE ROADWAY, AT THE DESIRED STOPPING POINT AT LEAST 5' AND NO MORE THAN 30' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY.
 5. THE STOP SIGN SHOULD BE PLACED IN LINE WITH THE STOP BAR. HOWEVER, IF THE STOP SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO STOP, THE STOP BAR SHOULD BE PLACED AT THE STOPPING POINT.
 6. FOR STOP BARS AT RAMP SEE DETAILS "R", "S", "T", & "U" AND NOTES ON TRAFFIC STANDARD SHEET TR-1210 07 "PAVEMENT MARKINGS FOR DIVIDED HIGHWAYS EXIT RAMP".
 7. FOR YIELD LINE INSTALLATIONS, ONLY FULL TRIANGLES ARE TO BE INSTALLED.
 8. MID-BLOCK CROSSWALKS ARE CROSSWALKS LOCATED MORE THAN 50 FEET FROM A SIGNALIZED OR UNSIGNALIZED INTERSECTION. YIELD LINES ASSOCIATED WITH MIDBLOCK CROSSWALKS SHOULD BE INSTALLED 20 TO 50 FEET IN ADVANCE OF THE NEAREST CROSSWALK LINE OR AS DIRECTED BY THE ENGINEER. SIGN # 31-0510 IS REQUIRED.
 9. FOR CROSSWALKS AT UNSIGNALIZED INTERSECTIONS WITH MINOR STREET STOP CONTROL, YIELD LINES SHALL BE INSTALLED ON MULTI-LANE APPROACHES, BUT NOT SINGLE LANE APPROACHES.
 10. THE YIELD SIGN SHOULD BE PLACED IN LINE WITH A YIELD LINE. HOWEVER, IF THE YIELD SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO YIELD, THE YIELD LINE SHOULD BE PLACED AT THE YIELDING POINT.
- CROSSWALKS**
11. CROSSWALK MARKINGS SHALL BE WHITE.
 12. AT LOCATIONS WHERE THE CROSSWALK IS SKEWED, BARS TO BE PARALLEL TO C AND ENDS OF BARS TO BE PARALLEL. THE LENGTH OF THE BARS WILL VARY DEPENDING ON THE ANGLE OF SKEW.
 13. BARS SHOULD BE NO CLOSER THAN 1' FROM EDGE OF ROAD.
 14. ONLY FULL LENGTH BARS ARE TO BE INSTALLED.
 15. DECORATIVE CROSSWALKS SHALL BE BANDED FROM CURB TO CURB WITH A MINIMUM 12" WIDE WHITE TRANSVERSE LINE ALONG EACH EDGE.
 16. 24" WIDE SPACE TO BE CENTERED ON YELLOW CENTERLINE.
- PAVEMENT MARKINGS FOR TURNING LANES**
17. INSTALL AT LEAST TWO ARROWS PER LANE WHERE STORAGE LENGTH IS GREATER THAN 150 FEET.

REV.	DATE	REVISION DESCRIPTION

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Plotted Date: 4/3/2017

NOT TO SCALE



SUBMITTED BY: NAME/DATE/TIME:
 Mark F. Makuch, P.E. 2017.04.19 11:14:11-04'00'

APPROVED BY: NAME/DATE/TIME:
 Gregory M. Dorosh, P.E. 2017.04.20 13:25:03-04'00'

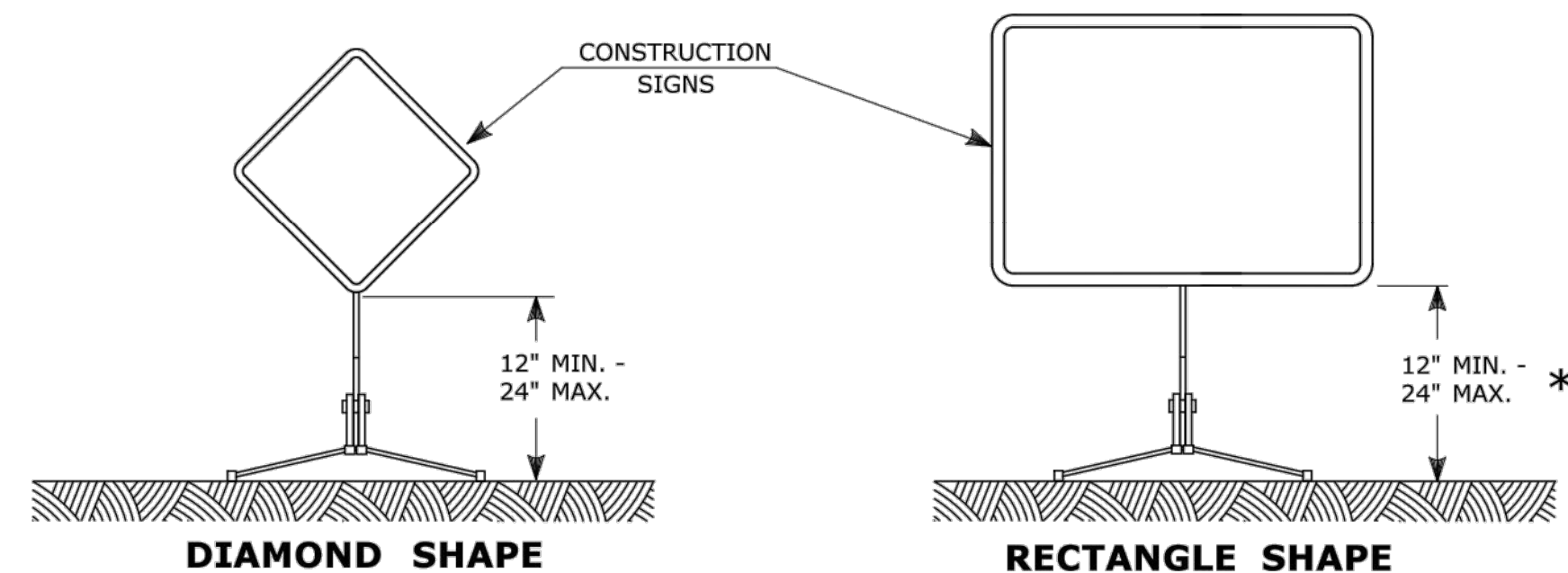
**CTDOT
 STANDARD SHEET**

OFFICE OF ENGINEERING

STANDARD SHEET TITLE:
**PAVEMENT MARKINGS
 FOR NON FREEWAYS**

STANDARD SHEET NO.:
TR-1210_08

E5 - SERIES				G20 - SERIES				M4 - SERIES				R1 - SERIES				R9 & R11 - SERIES				W1 - SERIES				W3 - SERIES																																																																																																																																			
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AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS																																																																																																																																																								
6.0	48X18	80-9701R	2																																																																																																																																																								
6.0	48X18	80-9702L	2																																																																																																																																																								
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5.0	24X30	31-1526	1																																																																																																																																																								
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10.0	48X30	80-9080	2																																																																																																																																																								
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14.0	48X42	31-1906	2																																																																																																																																																								
22.5	60X54	31-1907	2																																																																																																																																																								
30.0	72X60	31-1908	2B																																																																																																																																																								
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3.0	18X24	80-9401	1																																																																																																																																																								
5.0	24X30	80-9403	1																																																																																																																																																								
7.5	30X36	80-9404	1																																																																																																																																																								
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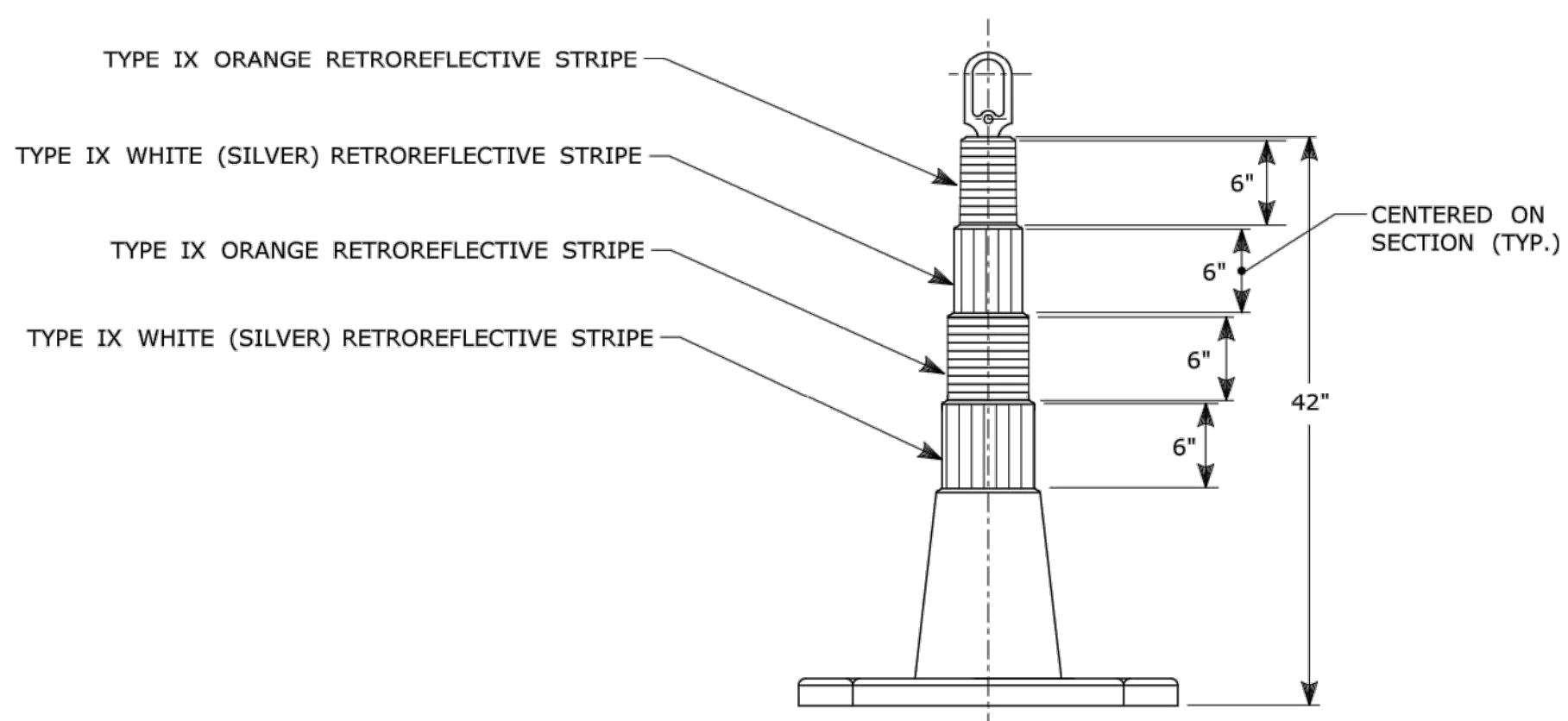


PORTABLE CONSTRUCTION SIGNS

NOTES FOR PORTABLE SIGN SUPPORTS:

- SIGNS AND THEIR PORTABLE SUPPORTS SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 2 DEVICES AND THE LATEST EDITION OF THE MUTCD.
- MOUNTING HEIGHT OF SIGNS SHALL BE A MINIMUM OF 12" AND A MAXIMUM OF 24". SIGNS SHALL BE MOUNTED HIGHER AS NEEDED TO MEET FIELD CONDITIONS OR AS DIRECTED BY THE ENGINEER.
- THE ENGINEER RESERVES THE RIGHT TO REJECT ANY SUPPORT DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
- PORTABLE SIGN SUPPORTS SHALL BE STABILIZED IN A MANNER THAT WILL NOT AFFECT THEIR COMPLIANCE WITH NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 2 DEVICES.
- PORTABLE CONSTRUCTION SIGN SUPPORTS SHOULD NOT BE USED FOR DURATION OF MORE THAN 3 DAYS EXCEPT FOR R9-8 THROUGH R9-11a SERIES, R11 SERIES, W1-6 THROUGH W1-8 SERIES, M4-10, AND E5-1. SEE STANDARD SHEET TR-1220.01 - "SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS" FOR SIGN DETAILS.

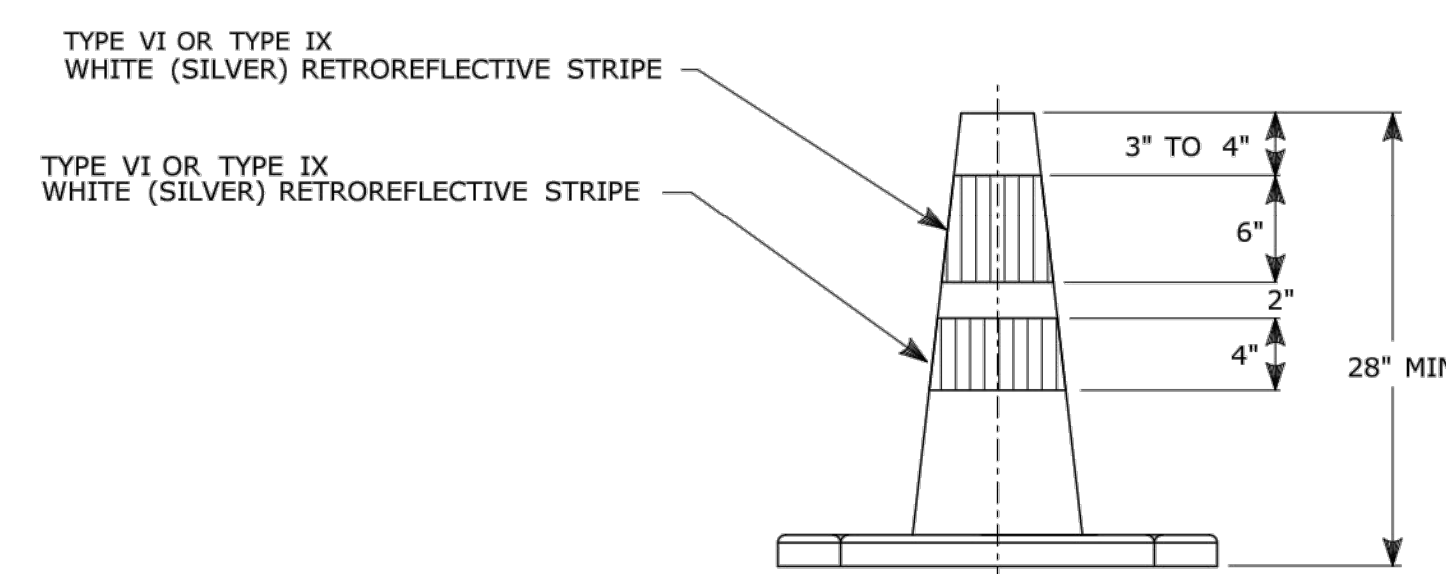
* FOR E5-1 (EXIT SIGNS) USE MIN 48".



42" TRAFFIC CONE

NOTES:

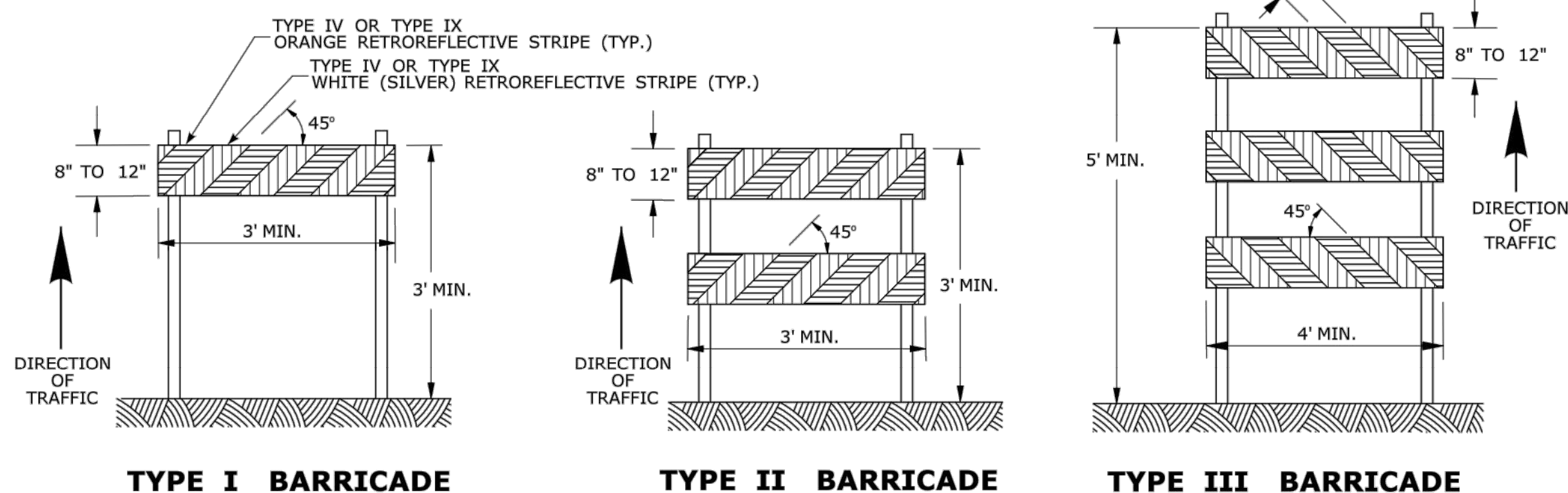
- TRAFFIC CONES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 1 DEVICES AND THE LATEST EDITION OF THE MUTCD.
- IF RUBBER CONES ARE USED, THEY SHALL HAVE INTERIOR RIBS FOR RIGIDITY.
- IF PLASTIC CONES ARE USED, THEY SHALL BE COLOR IMPREGNATED.
- THE ENGINEER RESERVES THE RIGHT TO REJECT ANY CONE DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
- THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING AS REQUIRED IN THE SPECIFICATIONS.
- THE SECTIONS OF CONES NOT COVERED WITH RETROREFLECTIVE STRIPES SHALL BE ORANGE.



TRAFFIC CONE

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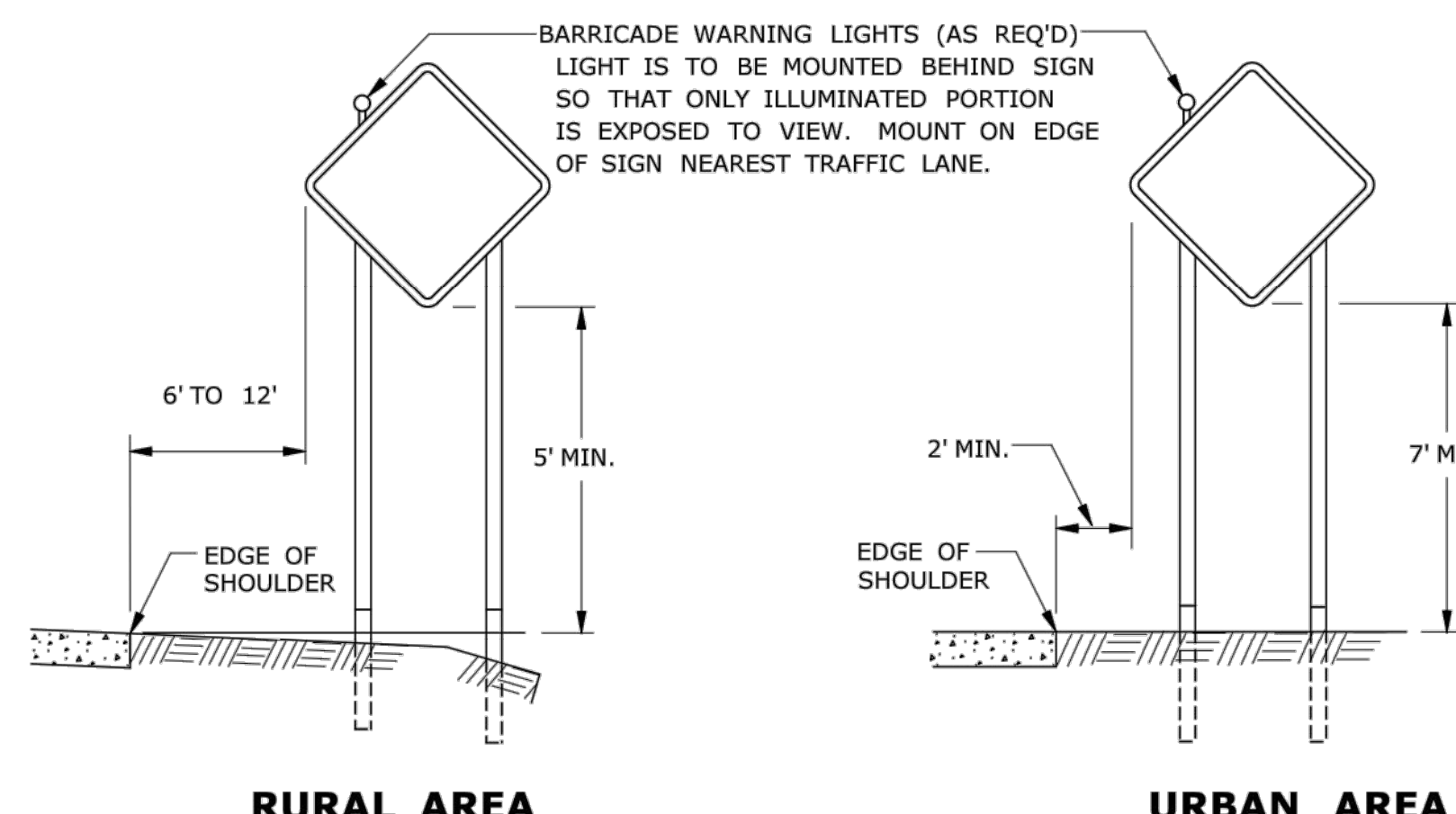
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- IF PLASTIC CONES ARE USED, THEY SHALL BE COLOR IMPREGNATED.
- THE ENGINEER RESERVES THE RIGHT TO REJECT ANY CONE DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
- TRAFFIC CONES NOT USED AT NIGHT MAY UTILIZE TYPE III SHEETING.
- THE SECTIONS OF CONES NOT COVERED WITH RETROREFLECTIVE STRIPES SHALL BE ORANGE.



CONSTRUCTION BARRICADES

NOTES:

- CONSTRUCTION BARRICADES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH AND THE LATEST EDITION OF THE MUTCD.
- MARKINGS FOR BARRICADE RAILS SHALL BE ALTERNATE ORANGE AND WHITE STRIPES SLOPING DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS. 6" WIDE STRIPES SHALL BE USED.
- THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING AS REQUIRED IN THE SPECIFICATIONS. THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.
- THE ENGINEER RESERVES THE RIGHT TO REJECT ANY BARRICADE DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
- CORNERS OF BARRICADE RAILS SHALL BE ROUNDED.
- SIGNS MAY ONLY BE INSTALLED ON TYPE III BARRICADES AND SHALL BE PLACED SO AS TO COVER NO MORE THAN ONE BARRICADE RAIL.

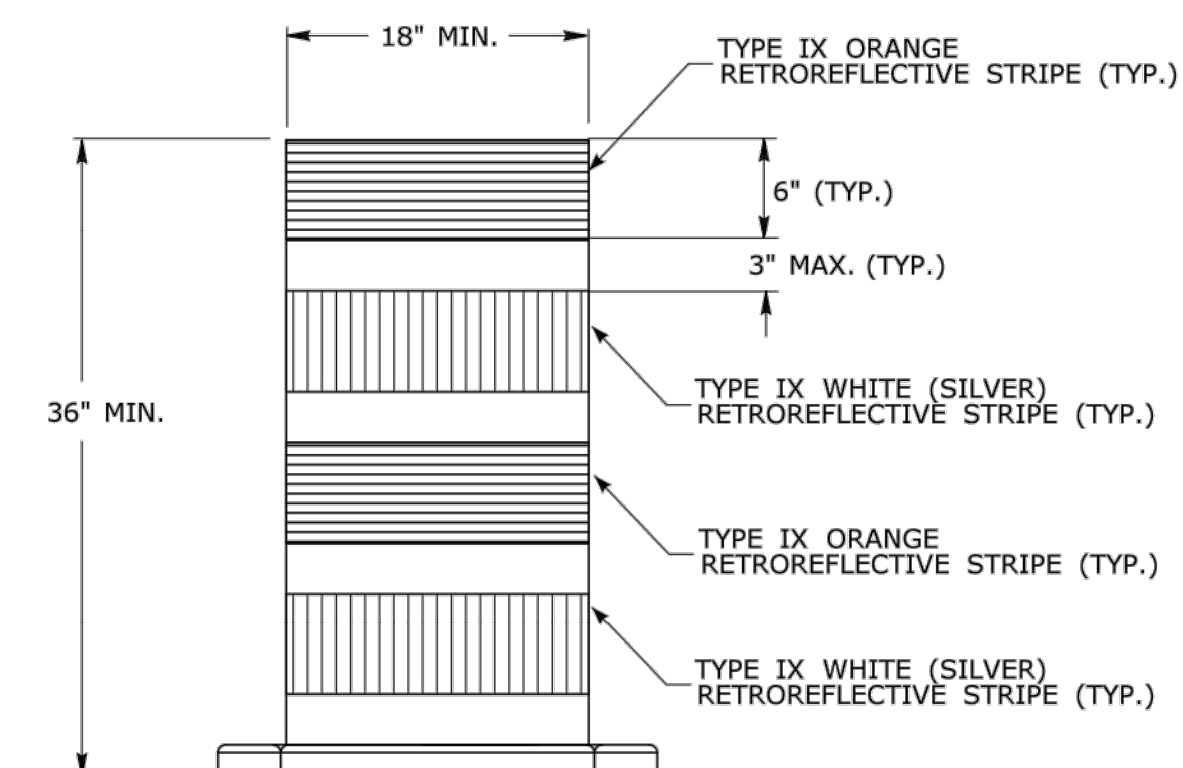


RURAL AREA URBAN AREA

PLACEMENT OF CONSTRUCTION SIGNS TYPICAL LONG TERM INSTALLATION

NOTES:

- SUPPORTS SHALL BE METAL SIGN POSTS AND HAVE BREAK-AWAY FEATURES.
SEE TYPICAL SHEETS:
"TYPICAL SIGN SUPPORT AND SIGN PLACEMENT DETAILS-GORE EXIT SIGN"
"TYPICAL METAL SIGN POSTS AND SIGN MOUNTING DETAILS"



TRAFFIC DRUM FRONT VIEW

NOTES:

- TRAFFIC DRUM SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 1 DEVICES AND THE LATEST EDITION OF THE MUTCD.
- THE ENGINEER RESERVES THE RIGHT TO REJECT ANY DRUM DEEMED UNSUITABLE FOR THE PURPOSE INTENDED.
- THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING AS REQUIRED IN THE SPECIFICATIONS.
- THE SECTIONS OF DRUMS NOT COVERED WITH RETROREFLECTIVE STRIPES SHALL BE ORANGE.

<p>THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.</p>		<p>NOT TO SCALE</p>		<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p>		<p>STANDARD SHEET TITLE: CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES</p>		<p>STANDARD SHEET NO.: TR-1220_02</p>	
2	8-2015	UPDATED PER MUTCD AND FORM 816 JAN 2015 REVISION.		<p>FILENAME: CTDOT_TRAFFIC.STD.DGN</p>		<p>OFFICE OF ENGINEERING</p>			
1	2-2011	MINOR REVISIONS.		<p>MODEL: TR-1220_02</p>					
REV.	DATE	REVISION DESCRIPTION		Plotted Date: 8/14/2015					
				<p>SUBMITTED BY: Mark Makuch, P.E. 2015.08.26 07:15:47-04'00'</p>		<p>CTDOT STANDARD SHEET</p>			
				<p>APPROVED BY: Charles S. Harlow, P.E. 2015.08.28 11:40:57-04'00'</p>		<p>OFFICE OF ENGINEERING</p>			