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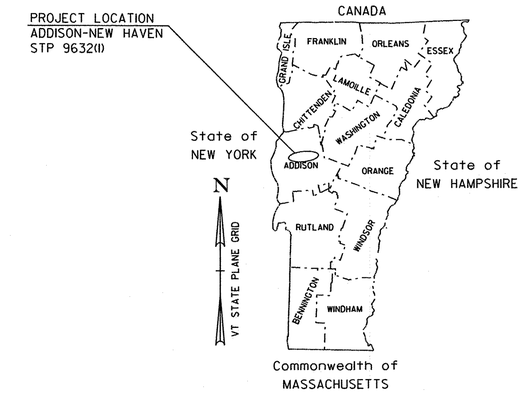
STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF ADDISON, WEYBRIDGE, NEW HAVEN, WALTHAM AND NEW HAVEN
COUNTY OF ADDISON
VT ROUTE 17
MINOR ARTERIAL

PROJECT LOCATION: BEGINNING AT A POINT IN THE TOWN OF ADDISON, AT MILE MARKER 8.393 = STA. 443+14.82 AND EXTENDING EASTERLY ALONG VT ROUTE 17 FOR A DISTANCE OF 38,701.45 FT (7.330 MILES) TO AN ENDING POINT AT MILE MARKER 3.449 = STA. d 182+13.00 IN THE TOWN OF NEW HAVEN.

STATION TO STATION DATA	LENGTH (FEET)	LENGTH (MILES)
TOWN OF ADDISON STA. 443+14.82 TO STA. 587+92.19 (MM 8.393 TO MM 11.135)	14,477.37	2.742
TOWN OF WEYBRIDGE * STA. a 0+00.00 TO STA. a 11+34.06 (MM 0.000 TO MM 0.215)	1,134.06	0.215
TOWN OF NEW HAVEN * STA. b 0+00.00 TO STA. b 117+45.96 (MM 0.000 TO MM 2.225)	11,745.96	2.225
TOWN OF WALTHAM * STA. c 0+00.00 TO STA. c 48+77.02 (MM 0.000 TO MM 0.924)	4,877.02	0.924
TOWN OF NEW HAVEN * STA. d 117+45.96 TO STA. d 182+13.00 (MM 2.225 TO MM 3.449)	6,467.04	1.224
TOTAL ROADWAY LENGTH =	38,701.45	7.330
TOTAL PROJECT LENGTH =	38,701.45	7.330

TRAFFIC DATA

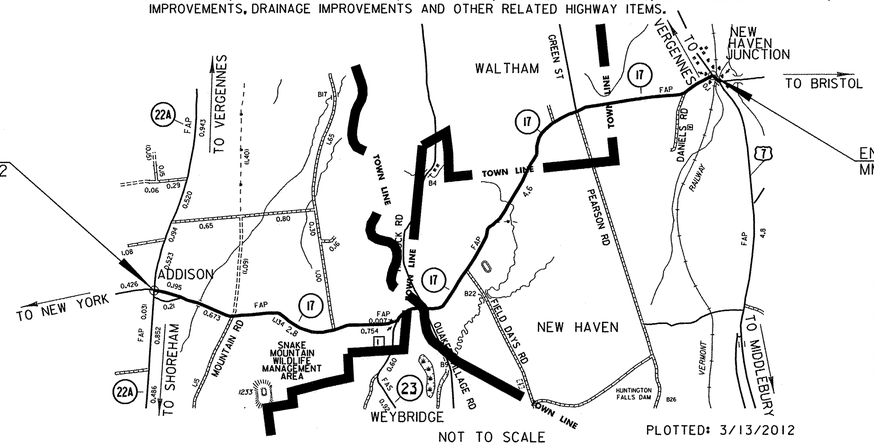
HIGHWAY SECTION	AADT 2011	AADT 2021	DHV 2011	DHV 2021	CUM. ESALS (2011-2021)	CUM. ESALS (2011-2031)
BEGIN PROJECT TO STATE ROUTE 23	1500	1600	170	180	612,000	1,416,000
STATE ROUTE 23 TO GREEN STREET (WALTHAM)	1100	1200	120	140	486,000	1,223,000
GREEN STREET TO END OF PROJECT	1300	1400	170	180	547,000	1,278,000

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RECLAIMING, CORRECTING SUPERELEVATION DEFICIENCIES, RESURFACING WITH BASE, INTERMEDIATE, AND WEARING COURSES, NEW PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS AND OTHER RELATED HIGHWAY ITEMS.

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	708,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADED ASPHALT BINDER:	SEE SUBSECTION 490.03B

•STATIONING HAS BEEN PREFACED WITH THE LETTERS a, b, c, OR d TO DIFFERENTIATE BETWEEN TOWNS

NO DESIGNATION=ADDISON
a=WEYBRIDGE
b=NEW HAVEN
c=WALTHAM
d=NEW HAVEN



QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
SWAMPY AREA
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

DuBois & King inc.
engineering planning management development

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. – BERLIN, VT
RESIDENT ENGINEER: JOSH HULETT
CONSTRUCTION BEGAN: JUNE 12, 2012
CONSTRUCTION COMPLETE: OCTOBER 31, 2013
RECORD PLANS BY: JOSH HULETT & JENNA HYDE

I HEREBY CERTIFY THAT ALL THE CONSTUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.
BY Josh Hulett RESIDENT ENGINEER
DATE 11/12/2014

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

STATE OF VERMONT
CHRISTOPHER D. LATHROP
No. 8769
Civil
LICENSED PROFESSIONAL ENGINEER

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED Patrick Scheidel DATE 3/14/12
PROJECT MANAGER : MIKE FOWLER, P.E.
PROJECT NAME : ADDISON - NEW HAVEN
PROJECT NUMBER : STP 9632(1)
SHEET 1 OF 186 SHEETS

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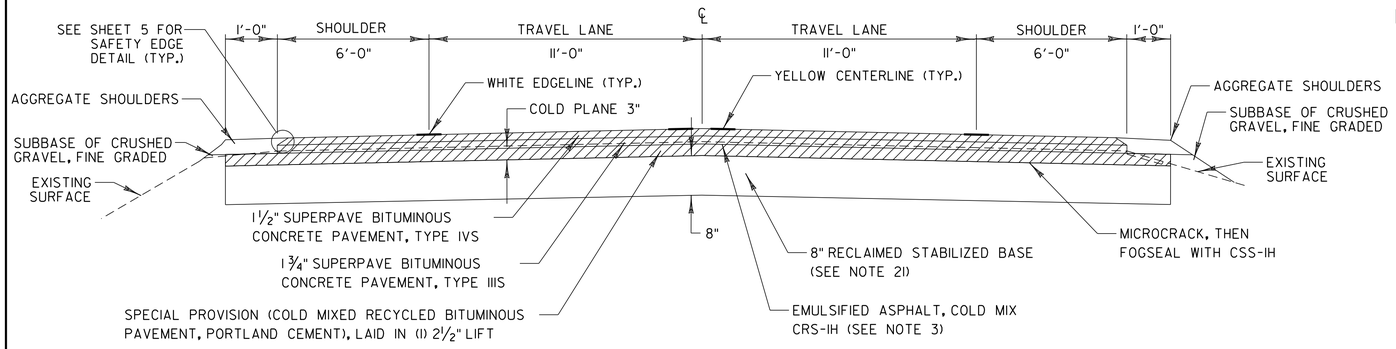
INDEX OF SHEETS

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_2.i

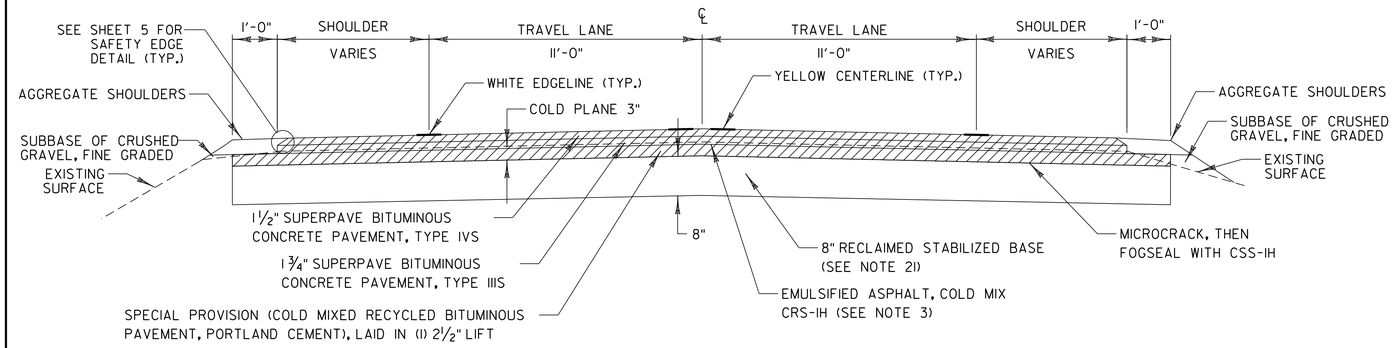
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 2 OF 186



RECLAIMED STABILIZED BASE TYPICAL SECTION

ADDISON

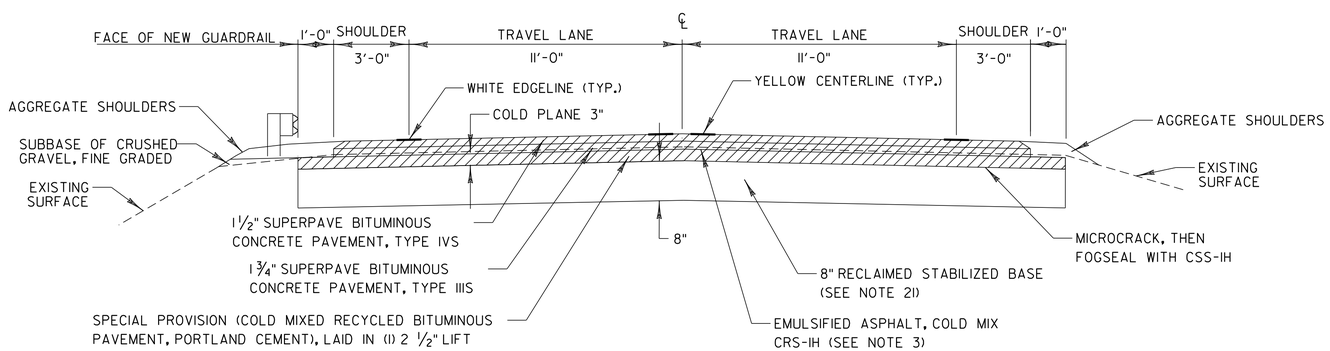
STA. 443+14.82 TO STA. 457+00.00



RECLAIMED STABILIZED BASE TYPICAL SECTION

ADDISON

STA. 457+00.00 TO STA. 460+25.00



RECLAIMED STABILIZED BASE TYPICAL SECTION

ADDISON

STA. 460+25.00 TO STA. 587+92.19

WEYBRIDGE

STA. a 0+00.00 TO STA. a 11+34.06

NEW HAVEN

STA. b 0+00.00 TO STA. b 117+45.96

WALTHAM

STA. c 0+00.00 TO STA. c 48+77.02

NEW HAVEN

STA. d 117+45.96 TO STA. d 182+13.00

NOTES:

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, THE INTERMEDIATE COURSE SHALL BE TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, AND THE BASE COURSE SHALL BE SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT). ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN SUBSECTION 490.03B.
2. EMULSIFIED ASPHALT TYPE CRS-1H OR RS-1H SHALL BE APPLIED AS A TACK COAT IN BETWEEN ALL BITUMINOUS PAVEMENT COURSES (WHERE APPLICABLE) AT THE RATE OF 0.025 TO 0.04 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER ITEM 900.683, "SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)".
3. FOR THE PURPOSES OF QUANTITY CALCULATION IT HAS BEEN ASSUMED ITEM 900.675 SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT) WILL REQUIRE 4% BY WEIGHT OF ITEM 415.25 EMULSIFIED ASPHALT, COLD MIX. FOR THE SAME PURPOSE IT HAS ALSO BEEN ASSUMED 1% BY WEIGHT OF PORTLAND CEMENT WILL BE REQUIRED BY MIX DESIGN. IF ITEM 415.25 EMULSIFIED ASPHALT, COLD MIX IS SPECIFIED IN THE MIX DESIGN AS A CATIONIC EMULSION AND USED IN THE PRODUCTION OF ITEM 900.675 SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT) THEN CRS-1H SHALL BE USED FOR TACK BETWEEN SUCCESSIVE LAYERS OF COLD MIX BASE COURSE AND PRIOR TO PLACEMENT OF THE TYPE IV BITUMINOUS CONCRETE PAVEMENT. AN APPLICATION RATE OF 0.040 TO 0.060 GAL/SY SHALL BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
4. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 INCH (TOTAL PAVEMENT THICKNESS).
   SUBBASE OF CRUSHED GRAVEL, FINE GRADED TOLERANCE = +/- 1INCH (TOTAL SUBBASE THICKNESS).
5. PRIOR TO RECLAIMING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO THE DEPTH OF RECLAIMING OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED". AN ADDITIONAL QUANTITY OF 301.28 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED" HAS BEEN INCLUDED TO CORRECT SUPPERELEVATION AND GRADATION DEFICIENCIES WITHIN THE RECLAIMED SECTION.
6. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICAL OR AS OTHERWISE NOTED ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE BEGINNING AND END OF THE PROJECT AND SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. SAWCUTTING WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE PAID INCIDENTAL TO ITEM 210.10 "COLD PLANING, BITUMINOUS PAVEMENT".
7. ALL PAVED AND GRAVEL DRIVES SHALL RECEIVE A PAVED APRON OF 4' AND ALL FIELD DRIVES SHALL RECEIVE A 2' PAVED APRON UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. THE NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 900.675, "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".
8. A QUANTTY FOR ITEM 604.412, "REHAB DI, CB OR MH CLASS I" HAS BEEN INCLUDED TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
9. ESTIMATED QUANTITIES OF ITEMS 608.25, "ALL PURPOSE EXCAVATOR RENTAL, TYPE I", 608.37, "TRUCK RENTAL", AND 608.40, "LOADER RENTAL, TYPE I" HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTIONS WITH EXCAVATED DITCHING MATERIAL AND THE REMOVAL OF BUILT UP EXCESS SHOULDER MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30, "EARTH BORROW" HAS BEEN INCLUDED FOR USE WITH THE GUARDRAIL END SECTIONS. 25 CY OF ITEM 203.30, "EARTH BORROW" HAS BEEN ESTIMATED FOR EACH NEW END SECTION. GUARDRAIL END SECTIONS SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF ITEM 651.35, "TOPSOIL" UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 CY OF ITEM 651.35, "TOPSOIL" FOR EACH NEW GUARDRAIL END SECTION. ITEM 653.20, "TEMPORARY EROSION MATTING" SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL END SECTIONS. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20, "TEMPORARY EROSION MATTING" FOR EACH NEW GUARDRAIL END SECTION. PRIOR TO THE PLACEMENT OF TEMPORARY EROSION MATTING, THE AREA SHALL BE TOPSOILED AND SEEDED USING ITEM 651.35, "TOPSOIL" AND ITEM 651.15, "SEED".
10. AN ESTIMATED QUANTITY FOR ITEM 619.17 "YIELDING MARKER POSTS" HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE THE PAVEMENT SURFACES OR AS DIRECTED BY THE RESIDENT ENGINEER.
11. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
12. IN AREAS WHERE A UTILITY POLE OR SIMILAR OBJECT IS LOCATED WITHIN 4 FEET BEHIND FACE OF GUARDRAIL, A REDUCED POST SPACING SHALL BE USED. THE REDUCED SPACING IS DETAILED ON SHEET 7.
13. A QUANTITY HAS BEEN ESTIMATED FOR ITEM 201.31 "THINNING AND TRIMMING FOR SIGNS". REFER TO DETAIL ON SHEET 5.
14. A QUANTITY HAS BEEN ESTIMATED FOR ITEM 617.10 "RELOCATE MAILBOX, SINGLE SUPPORT" TO BE USED AT THE DESCRETION OF THE RESIDENT ENGINEER.
15. WETLANDS HAVE BEEN LOCATED AT THE TOE OF SLOPE ALONG SECTIONS OF THIS PROJECT. IF WORK EXTENDS BEYOND THE EXISTING TOE, STATE AND FEDERAL PERMITS WILL BE REQUIRED (TO BE ACQUIRED BY CONTRACTOR). SEE LAYOUT SHEETS FOR INDIVIDUAL SENSITIVE LOCATIONS.
16. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE PROJECT AREA TO OBTAIN A UNIT COST FOR PAY ITEM 201.10 "CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS".
17. ITEMS 653.50 "BARRIER FENCE" AND 653.60 "EROSION LOG" SHALL BE USED AT THE DISCRETION OF THE RESIDENT ENGINEER.
18. COLD PLANE SURFACES WITHIN THE COLD PLANE AND PAVE SECTION SHALL HAVE SURFACE PREP BEFORE THE LEVELING COURSE IS LAID. SURFACE PREP SHALL CONSIST OF POTHOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST 1" IN WIDTH. COLD PLANED SURFACES SHALL HAVE A TACK COAT APPLICATION RATE OF 0.08 GAL/SQ.YD. OF CRSI-H OR RS-IH. PAYMENT WILL BE UNDER SPECIAL PROVISION ITEM 900.683, "EMULSIFIED ASPHALT" (RS-IH OR CRS-IH).
19. ADDITIONAL QUANTITIES FOR PAY ITEMS 651.15 "SEED", 651.18 "FERTILIZER", 651.20 "AGRICULTURAL LIMESTONE", 651.25 "HAY MULCH" AND 653.20 "TEMPORARY EROSION MATTING" HAVE BEEN INCLUDED FOR STONE FILL SLOPE STABILIZATION AREAS TO BE PLACED ON GRUBBING MATERIAL.
20. A ESTIMATED QUANTITY OF ITEM 201.30 "THINNING AND TRIMMING" HAS BEEN INCLUDED FOR CLEARING BRUSH TO IMPROVE INTERSECTION SIGHT DISTANCE WHERE CALLED FOR IN THE PLANS. THIS WORK SHALL BE PERFORMED WITHIN THE STATE R.O.W.
21. THE FIRST RECLAIM PASS SHALL BE PERFORMED FROM TOP OF BANK TO TOP OF BANK WHERE FULL WIDTH IS NOT ACHIEVABLE. THIS WORK SHALL BE PAID UNDER ITEM 310.20 "RECLAIMED STABILIZED BASE". THE SECOND PASS SHALL BE PERFORMED FULL WIDTH PER THE TYPICAL SECTION. THIS WORK SHALL BE PAID UNDER ITEM 900.675 SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT).
22. A QUANTITY OF ITEM 204.21 "TRENCH EXCAVATION OF ROCK" HAS BEEN INCLUDED IN CASE LEDGE IS ENCOUNTERED DURING THE INSTALLATION OF UNDERDRAIN.
23. A QUANTITY OF ITEM 613.11 "STONE FILL TYPE II" HAS BEEN ESTIMATED FOR SLOPE STABLIZATION AT LARGE CULVERTS TO BE USE AT DIRECTION OF THE RESIDENT ENGINEER.

DETAILS ARE NOT TO SCALE

PROJECT TYPICAL SHEET 1

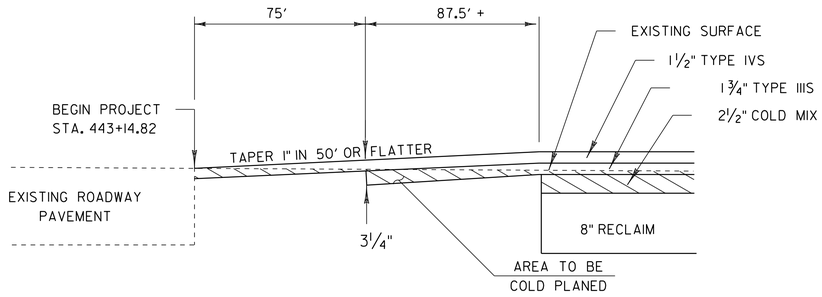
PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_3.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 3 OF 186

TYPICAL ORDER OF OPERATIONS FOR RECLAIMED STABILIZED BASE WITH PORTLAND CEMENT PAVEMENT REHABILITATION

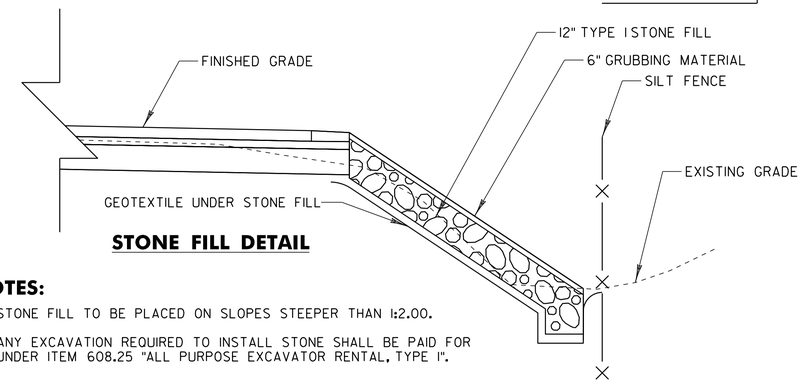
STEP	DESCRIPTION	PAYMENT ITEM(S)
1	COLD PLANE EXISTING BITUMINOUS CONCRETE PAVEMENT 3 INCHES	ITEM 210.10 "COLD PLANING, BITUMINOUS PAVEMENT"
2	REPAIR EXISTING SHOULDERS AS DIRECTED BY THE RESIDENT ENGINEER	ITEM 301.28 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED"
3	RECLAIM EXISTING ROADBED 8" FROM TOP OF SLOPE TO TOP OF SLOPE USING WATER FOR STABILIZATION AND COMPACTION	ITEM 310.20 "RECLAIMED STABILIZED BASE"
4	CORRECT SUPERELEVATION DEFICIENCIES	ITEM 301.28 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED" SEE NOTE 5 ON SHEET 3
5	PLACE PORTLAND CEMENT ON ROADBED SURFACE AND RECLAIM ROADBED 8", CURE, MICROCRACK, AND APPLY FOG SEAL SURFACE TREATMENT	ITEM 900.675 "SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)", ITEM 900.680 "SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)" AND ITEM 900.683 "SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)"
6	PLACE 2½" COLD MIX	ITEM 900.675 "SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT)" ITEM 900.675 "SPECIAL PROVISION (PORTLAND CEMENT FOR COLD MIXED RECYCLING)"
7	PLACE 1¾" TYPE IIIS	ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT"
8	PLACE 1½" TYPE IVS WEARING COURSE	ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT"

NOTE: THIS LIST OF PROCEDURES FOR REHABILITATING THE EXISTING ROADBED IS PRESENTED FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL PREPARE THEIR OWN SCHEDULE OF OPERATIONS TO COMPLETE THE PROPOSED WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS WHILE UTILIZING THE APPROPRIATE PAY ITEMS AS SHOWN IN THE PLANS AS DIRECTED BY THE RESIDENT ENGINEER.



APPROACH AREA DETAIL (BEGIN PROJECT)

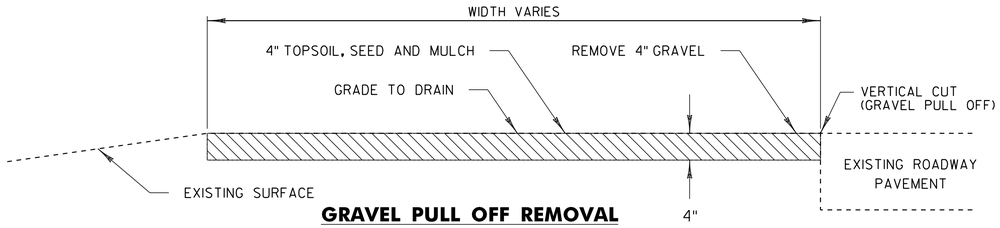
ADDISON
STA. 443+14.82



STONE FILL DETAIL

NOTES:

1. STONE FILL TO BE PLACED ON SLOPES STEEPER THAN 1:2.00.
2. ANY EXCAVATION REQUIRED TO INSTALL STONE SHALL BE PAID FOR UNDER ITEM 608.25 "ALL PURPOSE EXCAVATOR RENTAL, TYPE I".

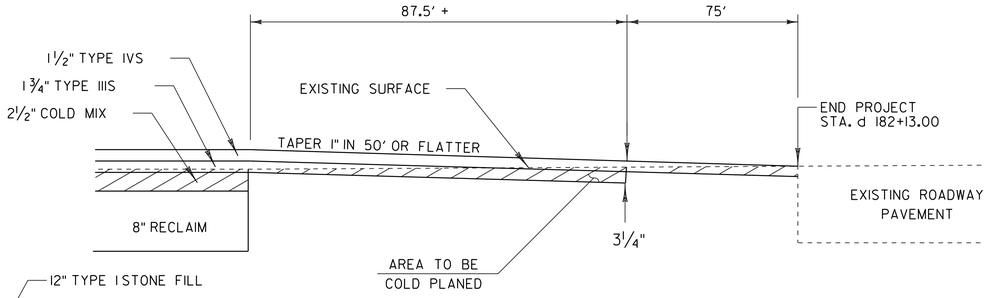


GRAVEL PULL OFF REMOVAL

WEYBRIDGE
STA. a 9+50 LT

NOTE:

1. ALL EXCAVATION AND GRADING ASSOCIATED WITH PERFORMING THIS WORK WILL BE PAID UNDER THE APPLICABLE RENTAL ITEMS.



APPROACH AREA DETAIL (END PROJECT)

NEW HAVEN
STA. d 182+13.00

PROJECT PAVING LIMITS

TOWN AND ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
ADDISON	443+14.82	457+00	6'-11'-11'-6'	1½"	-	COLD PLANE 3", RECLAIM EXISTING ROADBED 8", RECLAIM 8" WITH SPECIAL PROVISION (RECLAIMED
						STABILIZED BASE, PORTLAND CEMENT), THEN PAVE 2½" SPECIAL PROVISION (COLD MIXED RECYCLED
						BITUMINOUS PAVEMENT), THEN PAVE 1¾" IIIS, THEN PAVE 1½" TYPE IVS
	457+00	460+25	VARIES'-11'-11'-VARIES'	1½"	-	COLD PLANE 3", RECLAIM EXISTING ROADBED 8", RECLAIM 8" WITH SPECIAL PROVISION (RECLAIMED
						STABILIZED BASE, PORTLAND CEMENT), THEN PAVE 2½" SPECIAL PROVISION (COLD MIXED RECYCLED
						BITUMINOUS PAVEMENT), THEN PAVE 1¾" IIIS, THEN PAVE 1½" TYPE IVS
	460+25	587+92.19	3'-11'-11'-3'	1½"	-	COLD PLANE 3", RECLAIM EXISTING ROADBED 8", RECLAIM 8" WITH SPECIAL PROVISION (RECLAIMED
						STABILIZED BASE, PORTLAND CEMENT), THEN PAVE 2½" SPECIAL PROVISION (COLD MIXED RECYCLED
						BITUMINOUS PAVEMENT), THEN PAVE 1¾" IIIS, THEN PAVE 1½" TYPE IVS
WEYBRIDGE	a 0+00	a 11+34.06	3'-11'-11'-3'	1½"	-	COLD PLANE 3", RECLAIM EXISTING ROADBED 8", RECLAIM 8" WITH SPECIAL PROVISION (RECLAIMED
						STABILIZED BASE, PORTLAND CEMENT), THEN PAVE 2½" SPECIAL PROVISION (COLD MIXED RECYCLED
						BITUMINOUS PAVEMENT), THEN PAVE 1¾" IIIS, THEN PAVE 1½" TYPE IVS
NEW HAVEN	b 0+00	b 117+45.96	3'-11'-11'-3'	1½"	-	COLD PLANE 3", RECLAIM EXISTING ROADBED 8", RECLAIM 8" WITH SPECIAL PROVISION (RECLAIMED
						STABILIZED BASE, PORTLAND CEMENT), THEN PAVE 2½" SPECIAL PROVISION (COLD MIXED RECYCLED
						BITUMINOUS PAVEMENT), THEN PAVE 1¾" IIIS, THEN PAVE 1½" TYPE IVS
WALTHAM	c 0+00	c 48+77.02	3'-11'-11'-3'	1½"	-	COLD PLANE 3", RECLAIM EXISTING ROADBED 8", RECLAIM 8" WITH SPECIAL PROVISION (RECLAIMED
						STABILIZED BASE, PORTLAND CEMENT), THEN PAVE 2½" SPECIAL PROVISION (COLD MIXED RECYCLED
						BITUMINOUS PAVEMENT), THEN PAVE 1¾" IIIS, THEN PAVE 1½" TYPE IVS
NEW HAVEN	d 117+45.96	d 182+13.00	3'-11'-11'-3'	1½"	-	COLD PLANE 3", RECLAIM EXISTING ROADBED 8", RECLAIM 8" WITH SPECIAL PROVISION (RECLAIMED
						STABILIZED BASE, PORTLAND CEMENT), THEN PAVE 2½" SPECIAL PROVISION (COLD MIXED RECYCLED
						BITUMINOUS PAVEMENT), THEN PAVE 1¾" IIIS, THEN PAVE 1½" TYPE IVS

DETAILS ARE NOT TO SCALE

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
38	32	CREEPING RED FESCUE	98	90
29	24	SPARTAN HARD FESCUE	95	85
15	12	AZAY SHEEP'S FESCUE	95	87
15	12	ANNUAL RYE GRASS	95	90
3	--	INERTS	--	--
100.0	80 LB/A			

GENERAL NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER ITEM 651.18: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

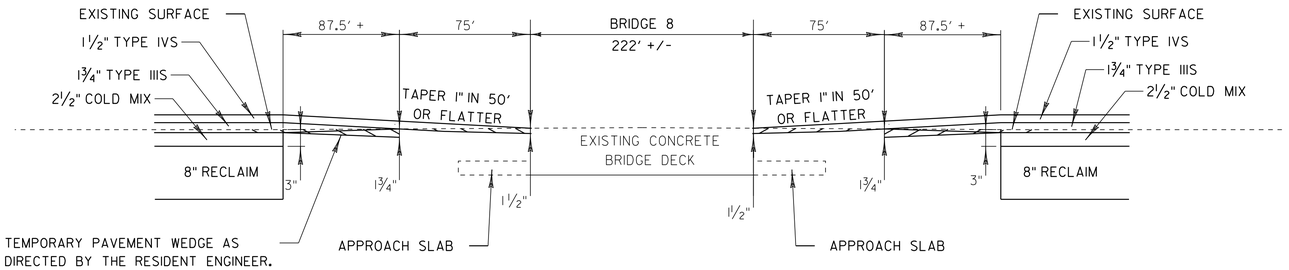
TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

PROJECT TYPICAL SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

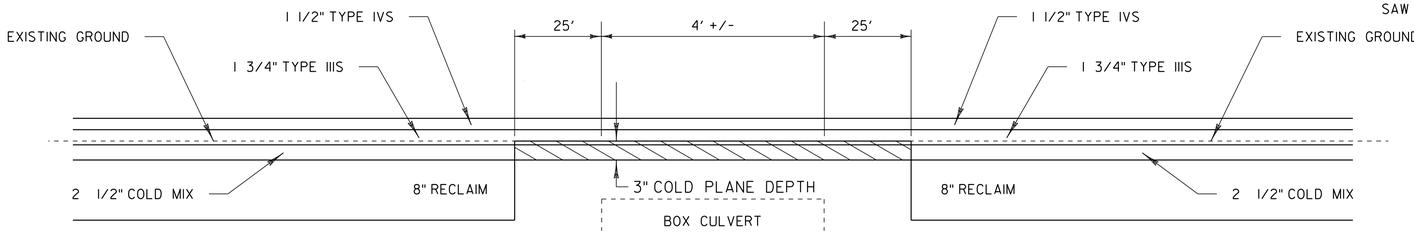
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_4.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD



NEW HAVEN BRIDGE #8

NEW HAVEN
STA. b 0+46.00/MM 0.0087

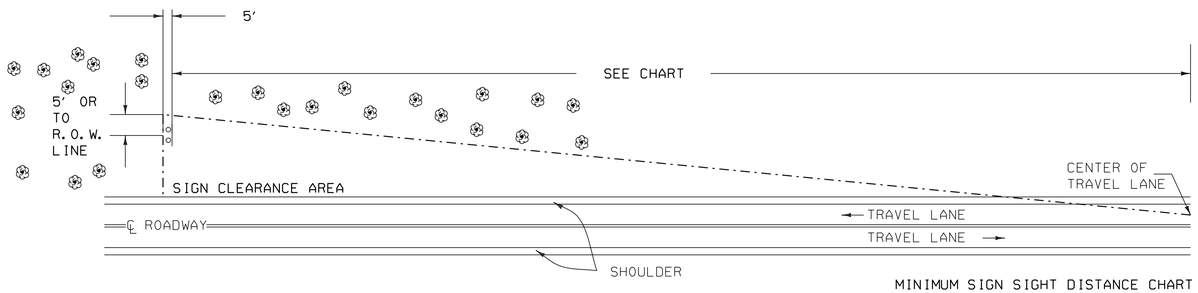


BOX CULVERT DETAIL

ADDISON
BRIDGE #7
STA. 481+33/MM 9.11

JOINT	STATION	LENGTH
1	a 10+67	23' - 0"
2	b 1+57	23' - 0"
	BRIDGE #8	46' - 0"

TOTAL LENGTH OF JOINT



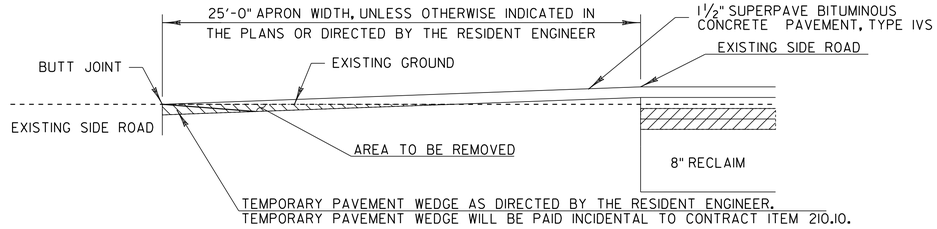
THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS AND TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10 FT BELOW THE BOTTOM OF THE SIGN. PAYMENT WILL BE FOR THINNING AND TRIMMING FOR SIGNS, ITEM 201.31, AND PAID FOR PER EACH. NO CHEMICALS (POISONS OR DEFOLIANTS) WILL BE ALLOWED.

MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550

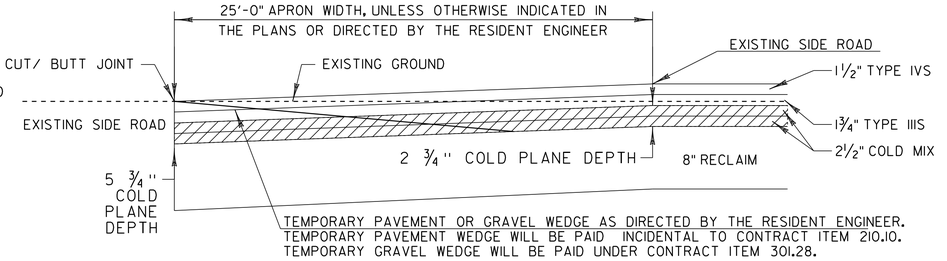
THINNING AND TRIMMING FOR SIGNS DETAIL

NEW HAVEN
STA. b 19+27 LT



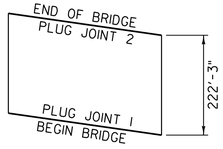
TRANSITION AREA FOR GRAVEL SIDE ROADS

FULL WIDTH OF TOWN HIGHWAY
SEE LAYOUT SHEETS FOR LOCATIONS OF ALL SIDE ROADS



TRANSITION AREA FOR PAVED SIDE ROADS

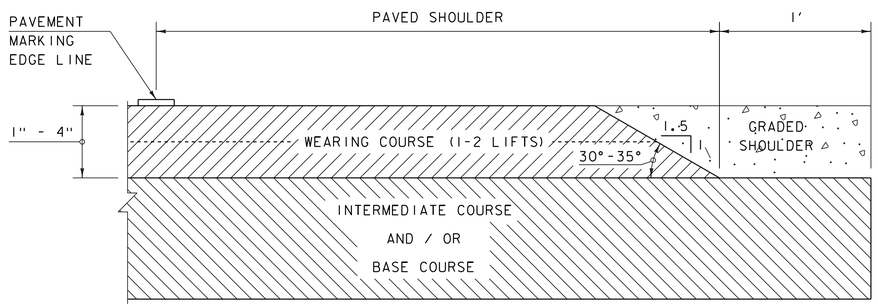
FULL WIDTH OF TOWN HIGHWAY
SEE LAYOUT SHEETS FOR LOCATIONS OF ALL SIDE ROADS



NEW HAVEN BRIDGE #8
FIELD STA. b 0+46 (MM 0.009)

BRIDGE #	516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE
	LF	CF
NEW HAVEN 8	46	10
SUBTOTAL	46	10
ROUNDING	4	0
TOTAL	50	10

REFER TO BRIDGE JOINT ASPHALTIC PLUG, STRUCTURES DETAIL SD-516.10



SAFETY EDGE DETAIL

NOT TO SCALE

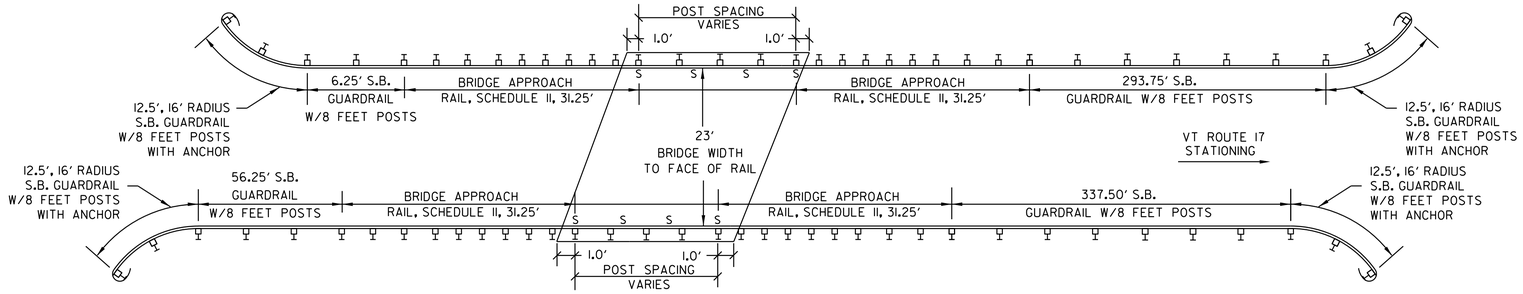
DETAILS ARE NOT TO SCALE

PROJECT TYPICAL SHEET 3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_5.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 5 OF 186



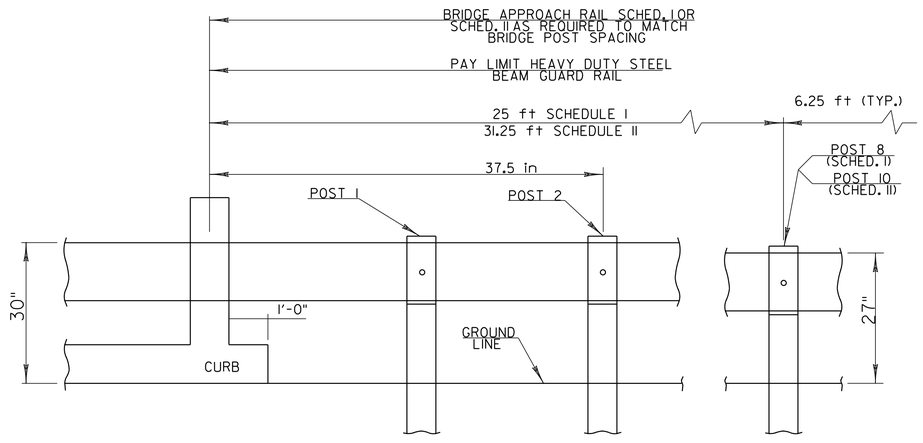
NEW HAVEN BRIDGE #8
FIELD STA. b 0+46 – MM 0.009

BRIDGE APPROACH RAILING

WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1 USE SCHEDULE I FOR APPROACH RAILING WHEN A RAIL PANEL SPLICE OCCURS AT BRIDGE END POST USE SCHEDULE II FOR APPROACH RAILING.

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½''	1.4 x 12.5 ft
2	3'-1½''	
3	3'-1½''	
4	3'-1½''	
5	4'-2''	1.2 x 12.5 ft
6	4'-2''	
7	4'-2''	
8	6'-3'' (TYP.)	1.0 (TYP.)
9		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½''	1.4 X 18.75 ft
2	3'-1½''	
3	3'-1½''	
4	3'-1½''	
5	3'-1½''	
6	3'-1½''	
7	4'-2''	1.2 x 12.5 ft
8	4'-2''	
9	4'-2''	
10	6'-3'' (TYP.)	1.0 (TYP.)
11		



BRIDGE APPROACH RAILING

REVISION	BY	DATE
1	KML	04/30/12

REVISION: THE POST DETAIL AND SPECIAL WASHER DETAIL WERE DELETED. THEY WERE NOT NEEDED BECAUSE THE BRIDGE RAIL ON BRIDGE 8 IS BEING RETAINED.

NOTES:

1. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25 FEET.
2. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR LENGTHS OF 25 FEET OR 31.25 FEET DETERMINED BY THE SCHEDULE. SEE BRIDGE DETAILS.
3. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICAL TO THE MID-POINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
4. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.

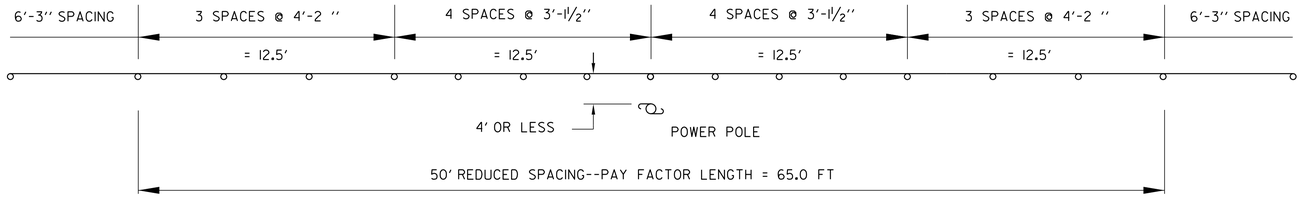
DETAILS ARE NOT TO SCALE

BRIDGE DETAIL SHEET

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_6.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 6 OF 186



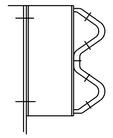
REDUCED POST SPACING GUARDRAIL DETAIL

OBJECTS WITHIN 4' OF GUARDRAIL

WALTHAM
STA. c 13+26 LT
STA. c 16+43 LT

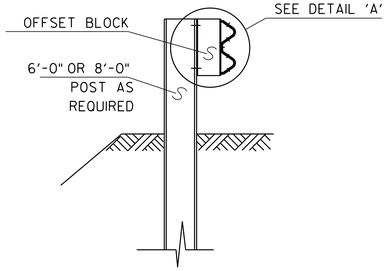
NOTES:

1. SEE STANDARDS G-1 & G-1D FOR STEEL BEAM GUARD RAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 621.207 "STEEL BEAM GUARD RAIL, GALVANIZED/NESTED W/8 FEET POSTS".
3. THIS DETAIL TO BE USED AT LOCATIONS INDICATED ON THIS SHEET OR AS DIRECTED BY THE ENGINEER.

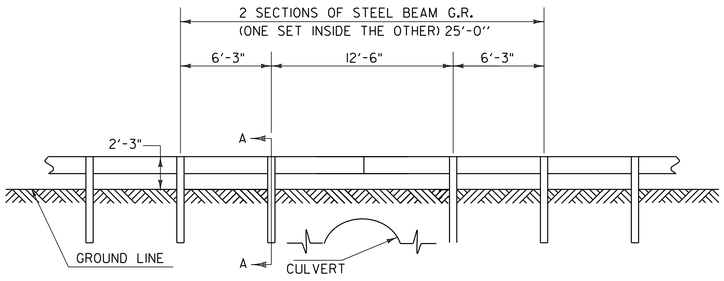


2 SECTIONS OF STEEL BEAM GUARD RAIL (ONE SECTION INSIDE THE OTHER)

DETAIL A

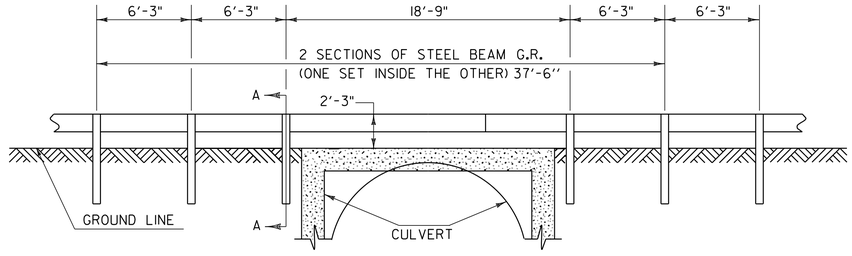


SECTION A–A



DETAIL OF STEEL BEAM GUARD RAIL AT SMALL CULVERTS

ADDISON
STA. 481+33
STA. 494+84
STA. 521+26
NEW HAVEN
STA. b 44+22
NEW HAVEN
STA. d 123+17



DETAIL OF STEEL BEAM GUARD RAIL AT LARGE CULVERTS

NEW HAVEN
STA. b 85+15
STA. b 95+81

DETAILS ARE NOT TO SCALE

CULVERT SPANNING DETAIL SHEET

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

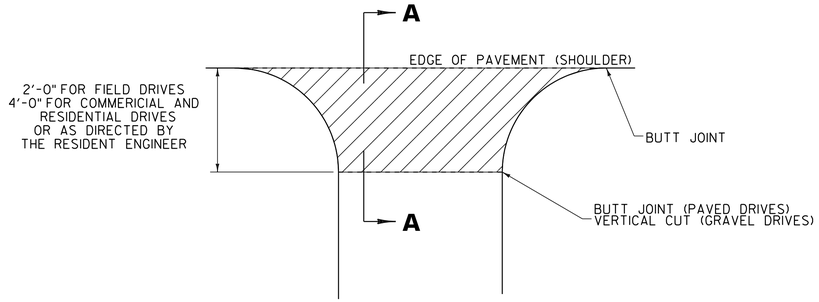
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: VAOT
PLOT FILE: p95B076_7.i

PLOT DATE: 3/13/2012
DRAWN BY: VAOT
CHECKED BY: EPD
SHEET 7 OF 186

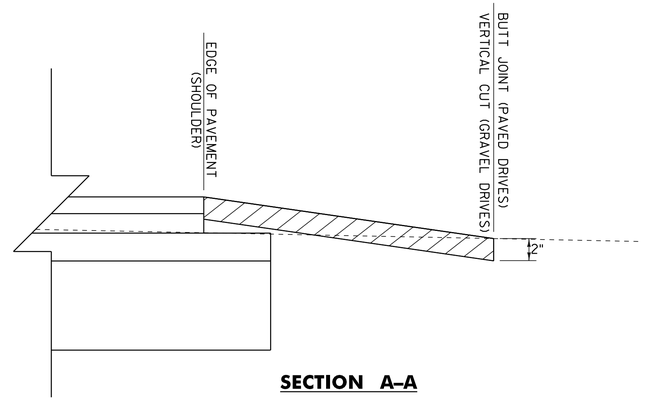
STATION	POSITION	QUANTITY (SY)	TYPE
ADDISON			
445+09	LT	18.2	GRAVEL
450+15	LT	14.3	GRAVEL
451+13	LT	5.6	FIELD
460+56	RT	12.6	GRAVEL
461+94	LT	6.0	FIELD
475+97	RT	17.7	GRAVEL
476+37	LT	51.9	GRAVEL
486+16	LT	21.0	GRAVEL
486+75	LT	48.0	GRAVEL
488+43	LT	41.0	GRAVEL
490+23	LT	21.3	GRAVEL
492+41	LT	21.6	GRAVEL
497+26	RT	14.5	GRAVEL
497+76	RT	18.2	GRAVEL
501+01	RT	8.5	GRAVEL
503+61	LT	5.2	FIELD
503+67	RT	11.6	GRAVEL
509+47	LT	9.9	PAVED
510+47	RT	8.5	PAVED
513+22	RT	9.3	PAVED
515+55	LT	40.6	GRAVEL
516+11	RT	5.1	FIELD
516+82	LT	24.5	GRAVEL
527+07	RT	21.3	PAVED
527+91	LT	11.9	GRAVEL
534+15	LT	14.7	GRAVEL
534+34	RT	19.3	GRAVEL
539+12	RT	10.8	GRAVEL
539+46	LT	10.7	GRAVEL
541+45	RT	17.2	GRAVEL
542+80	RT	7.4	GRAVEL
548+19	LT	6.1	GRAVEL
548+47	RT	21.6	GRAVEL
549+29	LT	7.1	GRAVEL
549+79	RT	7.2	PAVED
564+53	LT	54.4	GRAVEL
565+97	LT	10.4	PAVED
569+16	LT	11.8	GRAVEL
578+27	LT	21.5	GRAVEL
579+11	LT	19.5	GRAVEL

STATION	POSITION	QUANTITY (SY)	TYPE
582+80	LT	20.0	GRAVEL
585+31	RT	2.0	FIELD
585+40	LT	2.1	FIELD
WEYBRIDGE			
a 4+01	LT	1.7	FIELD
a 4+03	RT	2.5	FIELD
a 4+98	LT	6.7	GRAVEL
a 8+48	LT	3.4	FIELD
a 8+56	RT	3.2	FIELD
NEW HAVEN			
b 7+37	LT	4.3	FIELD
b 7+50	RT	48.1	GRAVEL
b 10+56	LT	12.3	GRAVEL
b 17+05	RT	5.6	FIELD
b 29+40	RT	9.5	FIELD
b 33+58	RT	5.3	FIELD
b 41+28	LT	3.6	FIELD
b 41+29	RT	6.9	FIELD
b 44+00	RT	3.6	FIELD
b 45+98	LT	18.6	GRAVEL
b 47+20	LT	6.9	GRAVEL
b 50+56	LT	7.6	GRAVEL
b 52+82	RT	3.7	FIELD
b 52+84	LT	4.5	FIELD
b 54+57	RT	11.1	GRAVEL
b 56+18	LT	9.1	GRAVEL
b 70+47	LT	22.3	GRAVEL
b 70+75	RT	30.7	GRAVEL
b 72+60	LT	11.1	GRAVEL
b 77+29	RT	18.1	GRAVEL
b 78+35	LT	3.8	FIELD
b 87+22	LT	4.9	FIELD
b 97+69	RT	43.5	GRAVEL
b 111+04	LT	6.1	FIELD
b 116+04	LT	4.4	FIELD
WALTHAM			
c 0+00	RT	95.6	GRAVEL
c 19+01	LT	8.2	GRAVEL
c 19+50	RT	47.6	FIELD
c 19+86	LT	8.6	GRAVEL

STATION	POSITION	QUANTITY (SY)	TYPE
c 22+02	RT	6.4	GRAVEL
c 25+28	RT	21.1	GRAVEL
c 27+79	LT	4.8	FIELD
c 44+85	LT	18.0	PAVED
c 44+94	RT	16.4	GRAVEL
NEW HAVEN			
d 119+76	LT	10.8	GRAVEL
d 122+05	RT	15.6	GRAVEL
d 125+48	RT	11.4	GRAVEL
d 126+38	LT	11.0	GRAVEL
d 130+34	LT	15.3	GRAVEL
d 131+04	RT	11.3	GRAVEL
d 131+63	LT	12.5	GRAVEL
d 132+11	LT	13.7	GRAVEL
d 134+70	RT	20.0	GRAVEL
d 136+83	RT	7.7	GRAVEL
d 138+63	LT	8.1	GRAVEL
d 142+78	LT	3.5	FIELD
d 145+41	LT	34.3	GRAVEL
d 149+41	RT	4.8	FIELD
d 150+75	RT	6.9	PAVED
d 151+27	LT	12.4	GRAVEL
d 155+56	LT	7.3	PAVED
d 155+93	RT	29.4	GRAVEL
d 156+04	LT	9.2	PAVED
d 157+18	RT	15.7	PAVED
d 158+55	RT	7.5	PAVED
d 166+67	RT	24.4	PAVED
d 166+74	LT	4.3	FIELD
d 171+52	RT	10.4	PAVED
d 172+62	LT	12.5	GRAVEL
d 174+75	LT	8.6	GRAVEL
d 178+91	LT	5.2	FIELD
d 178+99	RT	5.5	FIELD
d 181+60	LT	46.6	GRAVEL
	SUBTOTAL	1667.8	
	ROUNDING	32.2	
	TOTAL	1700	



PLAN



SECTION A-A

HANDWORK DETAILS FOR DRIVES

VT ROUTE 17

NOTES:

1. PAVING LIFT NOT TO EXCEED 2" (50mm)

2. THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".

3. EXCAVATION OR FILL NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".

LEGEND

BITUMINOUS PAVEMENT, 900.675 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)"

DETAILS ARE NOT TO SCALE

HANDWORK DETAILS FOR DRIVES

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_8.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 8 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SOILS & FOUNDATION UNIT
DRILLING NOTES

PROJECT NAME: ADDISON - NEW HAVEN **PROJECT NUMBER:** STP 9632(1) **SITE:** VT-17
BORING CREW: WERNER, MAHMUTOVIC, WELLS **DATE:** 06&07/2010 **REVIEWED BY:** C. EWALD

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-1	06/25/10	8.40	10.1 RT	0.0 – 0.6	A	Asphalt								
Addison				0.6 – 3.2	A	Si Gr Sa, brn, moist	6.3	A-2-4	Si Sa	12.5	55.4	32.1		
				3.2 – 5.0	A	Si Cl, gry, moist	22.3	A-6	Si Cl	2.9	24.9	72.2	40	21
				NLTD										
B-2	06/25/10	8.48	7.2 LT	0.0 – 0.6	A	Asphalt								
Addison				0.6 – 2.4	A	Gr Si Sa, brn, moist	2.4	A-1-b	Si Sa Gr	50.5	28.8	20.7		
				2.4 – 3.6	A	Sa Si, brn, moist	5.5	A-2-4	Si Sa	17.2	52.4	30.4		
				3.6 – 5.0	A	Si, brn, moist	20.8	A-4	Silt	1.0	16.9	82.1		
				NLTD										
B-3	06/25/10	8.57	7.0 RT	0.0 – 0.6	A	Asphalt								
Addison				0.6 – 2.0	A	Si Gr, brn, moist	2.4	A-1-a	Sa Gr	60.7	24.7	14.6		
				2.0 – 3.5	A	Sa Si, brn, moist	12.7	A-4	Cl Si	10.3	27.3	62.4	22	15
				3.5 – 5.0	A	Cl, gry, moist	26.7	A-7-6	Clay	1.4	11.4	87.2	44	20
Cont.				NLTD										

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-4	06/25/10	8.66	8.6 LT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 2.5	A	Gr Sa Si, brn, moist	2.3	A-1-b	Sa Gr	53.6	27.7	18.7		
				2.5 – 3.5	A	Si Sa, brn, moist	8.7	A-1-b	Gr Si Sa	22.4	53.5	24.0		
				3.5 - 5.0	A	Cl, brn, moist	26.8	A-7-6	Clay	1.3	6.9	91.8	57	25
				NLTD										
B-5	06/25/10	8.75	5.5 RT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 1.5	A	Si Gr, brn, moist	1.1	A-1-a	Sa Gr	70.7	20.2	9.1		
				1.5 – 3.0	A	Si, brn, moist	9.9	A-4	Cl Si	16.3	38.8	44.9	24	14
				3.0 – 5.0	A	Cl, brn, moist	34.9	A-7-6	Clay	0.9	2.5	96.7	69	28
				NLTD										
B-6	06/25/10	8.83	7.5 LT	0.0 – 0.6	A	Asphalt								
Addison				0.6 – 2.6	A	Crushed Gr, trace Si, gry, m	0.9	A-1-a	Gravel	83.2	11.7	5.1		
				2.6 – 3.5	A	Si Sa, brn, moist	9.4	A-2-4	Si Sa	16.4	60.9	22.8		
				3.5 – 5.0	A	Cl Si, gry, moist	25.0	A-7-6	Clay	1.5	7.0	91.5		
				NLTD										
B-7	06/30/10	8.92	5.0 RT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 1.8	SS	Gr Sa, brn, moist	3.2	A-1-a	Sa Gr	67.3	26.4	6.3		
				1.8 – 2.5	SS	Si Cl, gry, moist	25.9	A-7-6	Clay	0.5	6.2	93.3	47	23
				2.5 – 4.5	SS	Si Cl, brn, moist	33.3	Visual Description: Clay						
Cont.				NLTD										

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-8	6/30/10	9.0	6.0 LT	0.0 – 0.4	A	Asphalt								
Addison				0.4 – 1.2	SS	Si Cl Gr, gry, moist	25.9	A-7-6	Clay	0.9	10.7	88.4	59	26
				1.2 – 2.4	SS	Gr Sa Si, brn, moist	2.7	A-1-a	Sa Gr	66.8	24.0	9.3		
				2.4 – 4.4	SS	Si Cl, gry, moist	33.3	A-7-5	Clay	0.7	2.2	97.0	65	30
				NLTD										
B-9	6/30/10	9.10	5.0 RT	0.0 – 0.6	A	Asphalt								
Addison				0.6 – 2.6	SS	Gr Sa, brn, moist	3.9	A-1-a	Gravel	74.9	18.4	6.7		
				2.6 – 4.6	SS	Si Cl, gry, moist	32.8	Visual Description: Clay						
				NLTD										
B-10	06/30/10	9.20	5.9 LT	0.0 – 0.6	A	Asphalt								
Addison				0.6 – 1.6	SS	Crushed Gr, Sa, gry, dry	4.6	A-1-a	Sa Gr	58.8	30	11.2		
				1.6 – 2.6	SS	Si Sa, brn, moist	11.3	A-2-4	Si Gr Sa	25.8	49.9	24.4		
				2.6 – 4.6	SS	Cl, gry, moist	25.8	A-7-6	Clay	3.2	14.7	82.1	48	25
				NLTD										
B-11	06/30/10	9.29	5.3 RT	0.0 – 0.6	A	Asphalt								
Addison				0.6 – 1.7	SS	Crushed Stone, brn, moist	2.4	A-1-a	Gravel	76.0	18.4	5.7		
				1.7 – 2.4	SS	Gr Si Sa, brn, moist	6.1	A-1-b	Gr Sa	37.3	51.0	11.7		
				2.4 – 4.6	SS	Clay, gry, moist	27.0	Visual Description: Clay						
Cont.				NLTD										

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-12	07/01/10	9.37	5.0 LT	0.0 – 0.6	A	Asphalt								
Addison				0.6 – 2.1	SS	Crushed Stone, Sa, brn, moist	1.6	A-1-a	Gravel	84.6	13.5	1.9		
				2.1 – 2.6	SS	Sa Si, brn, moist	8.3	A-1-b	Gr Sa	29.7	59.1	11.3		
				2.6 – 4.6	SS	Si Cl, gry, moist	33.6	Visual Description: Clay						
				NLTD										
B-13	07/01/10	9.45	5.3 RT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 2.2	SS	Crushed Stone, Sa Si, brn, moist	2.0	A-1-a	Gravel	82.6	13.3	4.1		
				2.2 – 4.5	SS	Si Cl, gry, moist	12.5	A-2-4	Gr Si Sa	27.3	37.4	35.3		
				NLTD										
B-14	07/01/10	9.53	5.1 RT	0.0 -0.5	A	Asphalt								
Addison				0.5 – 1.7	SS	Crushed Stone, brn, moist	1.7	A-1-a	Gravel	83.6	12.3	4.1		
				1.7 – 2.2	SS	Si Sa, brn, moist	6.5	A-2-4	Si Gr Sa	26.6	49.8	23.6		
				2.2 – 4.5	SS	Cl, gry/brn, moist	20.8	Visual Description: Clay						
				NLTD										
B-15	07/01/10	9.62	4.8 RT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 2.1	SS	Crushed Stone, brn, moist	1.2	A-1-a	Gravel	76.0	17.4	6.7		
				2.1 – 2.4	SS	Gr Sa, brn, moist	7.4	A-1-b	Gr Sa	36.7	45.5	17.8		
				2.4 – 4.5	SS	Si Cl, brn, moist	25.0	A-7-6	Clay	2.1	6.5	91.4	52	23
Cont.				NLTD										

NOTE: SEE PROJECT LAYOUT SHEETS FOR THE LOCATION OF BORE HOLES

BORING AND CORING SHEET 1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)
FILE NAME: p95B076.dgn PLOT DATE: 3/13/2012
PROJECT LEADER: CDL DRAWN BY: SJL
DESIGNED BY: SJL CHECKED BY: EPD
PLOT FILE: p95B076_9.i SHEET 9 OF 186

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE COLOR MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-16	07/01/10	9.70	6.0 LT	0.0 – 0.7	A	Asphalt								
Addison				0.7 – 2.1	SS	Cushed Stone, trace Sa, gry, moist	1.4	A-1-a	Gravel	84.5	14.0	1.5		
				2.1 – 2.4	SS	Gr Sa, brn, moist	4.1	A-1-a	Sa Gr	51.5	37.0	11.4		
				2.4 – 4.7	SS	Cl, brn, moist	24.1	Visual Description: Clay						
				NLTD										
B-17	07/01/10	9.78	5.2 RT	0.0 – 0.4	A	Asphalt								
Addison				0.4 – 2.4	SS	Crushed Stone, gry, moist	1.2	A-1-a	Gravel	86.6	11.1	2.2		
				2.4 – 4.4	SS	Cl, brn, moist	24.3	A-7-6	Clay	0.3	10.4	89.3	50	26
				NLTD										
B-18	07/06/10	9.86	5.3 LT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 1.4	SS	Crushed Stone, Gr, gry, moist	1.4	A-1-a	Gravel	80.0	16.0	4.0		
				1.4 – 2.5	SS	Sa Si, brn, moist	6.3	A-1-b	Gr Sa	29.6	53.1	17.3		
				2.5 – 4.5	SS	Cl, gr, moist	24.5	A-6	Si Cl	7.0	20.2	72.8		
				NLTD										
B-19	07/06/10	9.94	6.1 RT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 1.4	SS	Crushed Stone, Gr, gry, moist	2.8	A-1-a	Sa Gr	67.6	27.8	4.6		
				1.4 – 1.9	SS	Gr Si Sa, brn, moist	9.3	A-2-4	Gr Si Sa	21.2	48.1	30.7		
				1.9 – 2.5	SS	Gr Sa Cl, gry moist	16.6	A-4	Cl Si	40.1	19.8	40.1		
				2.5 – 4.5	SS	Gr Cl, gry, moist	12.6	Visual Description: Clayey Silt						

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-20	07/06/10	10.02	6.2 LT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 2.5	SS	Crushed Stone, Sa	1.1	A-1-a	Gravel	85.3	13.2	1.6		
				2.5 – 4.5	SS	Cl, gry, moist	14.4	A-4	Sa Si	17.2	27.2	55.6		
				NLTD	SS									
B-21	07/06/10	10.10	4.0 RT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 0.8	SS	Sa Si, brn, moist	4.3	A-1-b	Gr Sa	42.2	51.1	6.7		
				0.8 – 1.8	SS	Crushed Stone, Gr, gry, moist	3.2	A-1-a	Gravel	77.8	16.7	5.5		
				1.8 – 2.5	SS	Si Cl, gry, moist	12.2	Visual Description: Clayey Silt						
				2.5 – 4.5	SS	Cl, brn, moist	15.4	Visual Description: Sandy Silt (Trace Clay)						
				NLTD										
B-23	07/15/10	10.27	3.6 LT	0.0 – 0.5	A	Asphalt								
Addison				0.5 – 2.8	A	Gr Si Sa, brn, moist	2.1	A-1-a	Sa Gr	52.7	34.4	12.9		
				2.5 – 5.0	A	Sa Si, brn, moist	13.7	A-4	Si Sa	4.4	54.2	41.4		
				NLTD										
B-25	7/15/10	10.44	5.0 RT	0.0 - 0.5	A	Asphalt								
Addison				0.5 - 2.1	A	Gr Si Sa, brn, moist	5.3	A-2-4	Si Gr Sa	25.2	50.4	24.3		
				2.1 - 5.0	A	Sa Si, brn, moist	11.7	A-2-4	Si Sa	14.0	50.8	35.2		
				NLTD										
Cont.														

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-27	7/15/10	10.62	5.0 RT	0.0 - 0.5	A	Asphalt								
Addison				0.5 - 2.8	A	Gr Si Sa, brn, moist	10.7	A-4	Si Sa	11.1	45.3	43.6		
				2.8 - 5.0	A	Sa, brn, moist	9.2	A-4	Si Sa	8.0	52.9	39.1		
				NLTD										
B-29	7/15/10	10.80	6.0 RT	0.0 - 0.5	A	Asphalt								
Addison				0.5 - 1.8	A	Si Gr Sa, brn, moist	2.0	A-1-a	Sa Gr	54.3	33.1	12.6		
				1.8 - 4.0	A	Gr Si, brn, moist	14.3	Visual Description: Clayey Silt						
				4.0 - 5.0	A	Si Cl, brn, moist	21.1	A-4	Si Cl	3.0	42.9	54.1	28	16
				NLTD										
B-31	7/15/10	10.98	5.7 LT	0.0 - 0.5	A	Asphalt								
Addison				0.5 - 2.3	A	Gr Si Sa, brn, moist	10.8	A-4	Si Sa	15.5	46.2	38.3		
				2.3 - 5.0	A	Cl, gry, moist	30.5	A-4	Clay	2.3	41.0	56.7	64	28
				NLTD	A									
B-33	7/20/10	0.02	5.0 RT	0.0 – 0.5	A	Asphalt								
Wey.				0.5 – 2.5	A	Gr Sa, gry, moist	1.1	A-1-b	Sa Gr	42.2	39.0	18.8		
				2.5 – 5.0	A	Cl, gry, moist	31.9	A-4	Clay	1.8	16.5	81.7	57	25
				NLTD										
Cont.														

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-35	7/20/10	0.22	6.6 LT	0.0 - 0.8	A	Asphalt								
Wey.				0.8 - 5.0	A	Gr Sa, brn, moist	2.0	A-1-a	Sa Gr	56.4	33.7	9.9		
				NLTD										
B-37	7/20/10	0.17	8.0 RT	0.0 - 0.5	A	Asphalt								
New Haven				0.5 - 2.8	A	Gr Sa, brn, moist	2.5	A-1-a	Gravel	73.5	18.9	7.5		
				2.8 - 5.0	A	Cl, brn, moist	33.4	Visual Description: Clay						
				NLTD										
B-39	7/20/10	0.35	5.0 LT	0.0 – 0.5	A	Asphalt								
				0.5 – 2.7	A	Gr Sa, brn, moist	8.1	A-2-4	SiSaGr	39.1	34.7	26.2		
				2.7 – 5.0	A	Cl brn, moist	26.2	A-4	Si Cl	0.4	16.5	83.1	37	23
				NLTD										
B-41	7/20/10	0.53	4.8 RT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.8	A	Gr Sa, brn, moist	2.3	A-1-a	Gravel	82.2	10.8	7.0		
				2.8-5.0	A	Cl, gry, moist	24.5	Visual Description: Clay						
				NLTD										
B-43	7/20/10	0.71	6.0 LT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.4	A	Gr Si Sa, brn, moist	11.0	A-2-4	Gr Si Sa	21.5	49.6	28.9		
				2.4-5.0	A	Cl Si, brn, moist	19.0	A-4	Sa Cl	2.9	48.7	48.4	29	16
				NLTD										
Cont.														

NOTE: SEE PROJECT LAYOUT SHEETS FOR THE LOCATION OF BORE HOLES

BORING AND CORING SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_10.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 10 OF 186

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-45	7/20/10	0.89	4.5 RT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.3	A	Gr Sa Si, brn, moist	7.9	A-2-4	Si Gr Sa	35.9	40.3	23.8		
				2.3-5.0	A	Si Cl, gry, ,moist	18.1	Visual Description: Silty Clay						
				NLTD										
B-47	7/20/10	1.09	5.0 LT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.1	A	Gr Sa, brn, moist	1.5	A-1-a	Gravel	79.5	17.4	3.1		
				TLOB										
B-49	7/20/10	1.29	6.0 RT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.9	A	Gr Sa, brn, moist	1.2	A-1-a	Sa Gr	71.0	23.4	5.7		
				TLOB										
B-51	7/21/10	1.49	5.4 LT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.7	A	Gr Sa, brn, moist	2.6	A-1-a	Gravel	70.9	20.0	9.1		
				2.7-5.0	A	Cl, gry,moist	33.0	A-4	Clay	5.1	38.9	56.0	71	28
				NLTD										
B-53	7/21/10	1.69	5.5 RT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.7	A	Gr Si Sa, brn, moist	8.1	A-2-4	Si Sa Gr	37.1	36.8	26.1		
				2.7-5.0	A	Cl, gry, moist	14.5	Visual Description: Clay						
Cont.				NLTD										

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-55	7/21/10	1.89	6.7 LT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.1	A	Si Sa, brn, moist	12.5	A-4	Gr Sa Si	20.0	36.6	43.4		
				2.1-5.0	A	Cl, gry, moist	13.7	Visual Description: Clay						
				NLTD										
B-57	7/21/10	2.08	4.6 RT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.2	A	Gr Sa, brn, moist	6.0	A-1-b	Sa Gr	50.4	34.3	15.4		
				2.2-5.0	A	Cl, gry, moist	30.4	Visual Description: Clay						
				NLTD										
B-59	7/21/10	0.10	5.0 LT	0.0-0.5	A	Asphalt								
Walth.				0.5-3.0	A	Gr Si Sa, brn, moist	10.0	A-2-4	Si Gr	35.7	35.7	28.6		
				3.0-5.0	A	Cly, gry, moist	17.6	Visual Description: Clay						
				NTLD										
B-61	7/21/10	0.30	5.7 RT	0.0- 1.0	A	Asphalt								
Walth.				CNPF										
B-63	7/23/10	0.50	5.5 RT	0.0-0.5	A	Asphalt								
Walth.				0.5-1.2	A	Si Sa, brn, moist	8.0	A-2-4	Si Gr Sa	30.1	48.8	21.2		
				1.2-5.0	A	Si Cl, gry, moist	12.4	Visual Description: Clay						
Cont.				NLTD										

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-65	7/23/10	0.70	6.5 LT	0.0-0.5	A	Asphalt								
Walth.				0.5-2.5	A	Gr Sa, brn, moist	4.3	A-1-b	Sa Gr	50.4	34.2	15.4		
				2.5-5.0	A	Cl, gry, moist	19.2	Visual Description: Silty Clay						
				NLTD										
B-67	7/23/10	2.22	7.5 RT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.6	A	Gr Sa, brn, moist	3.6	A-1-a	Sa Gr	57.7	30.6	11.7		
				2.6-5.0	A	Cl, gry, moist	27.7	A-4	Clay	2.4	30.2	67.4	57	25
				NLTD										
B-69	7/23/10	2.42	5.0 LT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.2	A	Gr Sa Si, brn, moist	4.9	A-1-b	Sa Gr	42.9	39.3	17.8		
				2.2-5.0	A	Cl, gry, moist	21.5	Visual Description: Clay						
Cont.				NLTD										
B-71	7/23/10	2.62	7.1 RT	0.0-0.5	A	Asphalt								
New Haven				0.5-3.0	A	Gr Sa, brn, moist	4.5	A-1-b	Si Sa Gr	40.2	39.6	20.1		
				3.0-5.0	A	Gr Cl, gry, moist	20.6	Visual Description: Clay						
				NLTD										
Cont.														

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS							
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-73	7/23/10	2.82	5.2 LT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.1	A	Gr Sa, brn, moist	3.7	A-1-b	Sa Gr	48.7	33.3	18.0		
				2.1-5.0	A	Si Cl, gry, moist	18.5	Visual Description: Silty Clay						
				NLTD										
B-75	7/23/10	3.02	12.0 RT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.5	A	Gr Sa Si, brn, moist	3.6	A-1-a	Sa Gr	53.3	36.1	10.5		
				2.5-5.0	A	Si Cl gry, moist	16.3	A-4	Cl Si	5.1	38.3	56.6	25	16
				NLTD										
B-77	7/23/10	3.22	5.5 LT	0.0-0.5	A	Asphalt								
New Haven				0.5-2.8	A	Gr Si Sa, brn, moist	3.4	A-1-a	Sa Gr	57.7	27.8	14.5		
				2.8-5.0	A	Si Cl, brn/gry, moist	14.6	Visual Description: Silty Clay						
				NLTD										
B-79	7/23/10	3.42	7.5 LT	0.0-0.8	A	Asphalt								
New Haven				0.8-2.4	A	Gr Sa, brn, moist	3.8	A-4	Si Gr	47.8	14.6	37.6		
				2.4-5.0	A	Cl, gry, moist	23.6	Visual Description: Clay						
				NLTD										

SAMPLE TYPE "A" = Auger
SAMPLE TYPE "SS" = Split Spoon
SAMPLE TYPE "C" = Core

NLTD = No Ledge To Depth
CNPF = Could Not Penetrate Further
TLOB = To Ledge or Boulder

NOTE: SEE PROJECT LAYOUT SHEETS FOR THE LOCATION OF BORE HOLES

BORING AND CORING SHEET 3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_11.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 11 OF 186

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

		FULL CE	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				1	1	LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	EST.
				1	1	AC	THINNING AND TRIMMING	201.30	EST.
				1	1	EA	THINNING AND TRIMMING FOR SIGNS	201.31	EST.
				700	700	CY	EARTH BORROW	203.30	EST.
				5300	5300	CY	TRENCH EXCAVATION OF EARTH	204.20	8.9
				15	15	CY	TRENCH EXCAVATION OF ROCK	204.21	EST.
				1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-
				8	8	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	-
				103000	103000	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	842.9
				45000	45000	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	431.2
				122000	122000	SY	RECLAIMED STABILIZED BASE	310.20	166
				1750	1750	TON	AGGREGATE SHOULDERS	402.12	18
				1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	-
				14400	14400	CWT	EMULSIFIED ASPHALT, COLD MIX	415.25	EST.
				23500	23500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	179
				1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
				1	1	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-
				1	1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-
				1	1	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-
			50		50	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	4
			10		10	CF	RAPID SETTING CONC. REPAIR MAT. W/ COARSE AGG.	580.20	-
				4	4	LF	15" CSP .064 (2-2/3X1/2)	601.0010	1
				8	8	LF	18" CSP .064 (2-2/3X1/2)	601.0015	-
				6	6	LF	18" RCP CLASS III	601.0815	-
				10	10	LF	18" CPEP(SL)	601.2615	1
				1	1	EA	REHAB DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-
				17900	17900	LF	6 INCH UNDERDRAIN PIPE	605.10	69
				400	400	LF	6 INCH UNDERDRAIN CARRIER PIPE	605.20	35
				73	73	EA	UNDERDRAIN FLUSHING BASIN	605.95	-
				520	520	HR	POWER GRADER RENTAL	608.15	EST.
				920	920	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
				190	190	HR	POWER BROOM RENTAL,TYPE I	608.30	EST.
				90	90	HR	POWER BROOM RENTAL,TYPE II	608.31	EST.
				1840	1840	HR	TRUCK RENTAL	608.37	EST.
				520	520	HR	LOADER RENTAL, TYPE I	608.40	EST.
				3200	3200	CY	STONE FILL, TYPE I	613.10	57.1
				130	130	CY	STONE FILL, TYPE II	613.11	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		TRENCH EXCAVATION OF EARTH
8	CY	ITEM DETAIL SUMMARY SHEET 4
5283.1	CY	UNDERDRAIN DETAIL SHEET
8.9	CY	ROUNDING
5300	CY	TOTAL
		COLD PLANING - BITUMINOUS PAVEMENT
100495.8	SY	MAINLINE
1661.4	SY	SIDEROAD APRONS
842.9	SY	ROUNDING
103000	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
		WEARING COURSE
10608.0	TON	TYPE IVS
		INTERMEDIATE COURSE
12376.0	TON	TYPE IIIS
		SIDE ROADS
155.6	TON	TYPE IVS
181.4	TON	TYPE IIIS
179.0	TON	ROUNDING
23500	TON	TOTAL
		STONE FILL, TYPE I
1797.9	CY	ITEM DETAIL SUMMARY SHEET 4
1345	CY	DITCH CLEANING DETAIL SHEET
57.1	CY	ROUNDING
3200	CY	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_12.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 12 OF 186

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

		FULL CE	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				13	13	EA	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	EST.
				200	200	EA	YIELDING MARKER POSTS	619.17	1
				2650	2650	LF	REMOVING AND RESETTING FENCE	620.50	35
				5675	5675	LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	12.75
				375	375	LF	STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS	621.207	-
				190	190	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.215	-
				38	38	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	-
				1600	1600	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-
				300	300	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
				4000	4000	HR	FLAGGERS	630.15	EST.
		1			1	LS	FIELD OFFICE, ENGINEERS	631.10	-
		1			1	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-
		3000			3000	DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-
				1	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	-
				1	1	LS	TRAFFIC CONTROL	641.10	-
				5	5	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	EST.
							BEGIN OPTION AA		
				78000	78000	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	697
				78000	78000	LF	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	646.403	697
				78000	78000	LF	DURABLE 4 INCH WHITE LINE, POLYUREA	646.404	697
							END OPTION AA		
							BEGIN OPTION BB		
				70000	70000	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	592
				70000	70000	LF	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	646.413	592
				70000	70000	LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.414	592
							END OPTION BB		
							BEGIN OPTION CC		
				270	270	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	6
				270	270	LF	DURABLE 24 INCH STOP BAR, EPOXY PAINT	646.483	6
				270	270	LF	DURABLE 24 INCH STOP BAR, POLYUREA	646.484	6
							END OPTION CC		
							BEGIN OPTION DD		
				66	66	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-
				66	66	EA	DURABLE LETTER OR SYMBOL, EPOXY PAINT	646.493	-
				66	66	EA	DURABLE LETTER OR SYMBOL, POLYUREA	646.494	-
							END OPTION DD		

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		YIELDING MARKER POSTS
80	EA	ITEM DETAIL SUMMARY SHEET 4
119	EA	UNDERDRAIN DETAIL SHEET
1	EA	ROUNDING
200	EA	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_13.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 13 OF 186

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

		FULL CE	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
							BEGIN OPTION EE		
				1	1	EA	DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC	646.512	-
				1	1	EA	DURABLE RAILROAD CROSSING SYMBOL, EPOXY PAINT	646.513	-
				1	1	EA	DURABLE RAILROAD CROSSING SYMBOL, POLYUREA	646.514	-
							END OPTION EE		
				155000	155000	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	394
				139000	139000	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	185
				540	540	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	12
				132	132	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-
				2	2	EA	TEMPORARY RAILROAD CROSSING SYMBOL, PAINT	646.712	-
				3800	3800	EA	LINE STRIPING TARGETS	646.76	132
				11350	11350	SY	GEOTEXTILE UNDER STONE FILL	649.31	18.3
				2900	2900	SY	GEOTEXTILE FOR SILT FENCE	649.51	49.7
				120	120	LB	SEED	651.15	6.3
				950	950	LB	FERTILIZER	651.18	2
				4	4	TON	AGRICULTURAL LIMESTONE	651.20	0.2
				8	8	TON	HAY MULCH	651.25	0.3
				200	200	CY	TOPSOIL	651.35	10
				4550	4550	SY	GRUBBING MATERIAL	651.40	59.8
				10000	10000	SY	TEMPORARY EROSION MATTING	653.20	23.3
				13300	13300	LF	BARRIER FENCE	653.50	96
				13300	13300	LF	EROSION LOG	653.60	96
				495	495	SF	TRAFFIC SIGNS, TYPE A	675.20	0.73
				548	548	LB	TUBULAR STEEL SIGN POST	675.33	-
				2003	2003	LF	SQUARE TUBE SIGN POSTS AND ANCHOR	675.341	-
				4	4	EA	FOUNDATION FOR TUBULAR STEEL POST	675.43	-
				190	190	EA	REMOVING SIGNS	675.50	-
				58	58	EA	ERECTING SALVAGED SIGNS	675.60	-
				36	36	EA	DELINEATOR WITH STEEL POST	676.10	-
				6	6	EA	REMOVAL OF EXISTING DELINEATOR	676.12	-
				1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-
				128500	128500	SY	SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT)	900.675	14
				1700	1700	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	32.2
				128500	128500	SY	SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)	900.675	14
				10	10	TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I)	900.680	EST

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		GEOTEXTILE UNDER STONE FILL
5387.7	SY	ITEM DETAIL SUMMARY SHEET 4
5944	SY	DITCH CLEANING DETAIL SHEET
18.3	SY	ROUNDING
11350	SY	TOTAL
		TEMPORARY EROSION MATTING
6337.7	SY	ITEM DETAIL SUMMARY SHEET 4
3639	SY	DITCH CLEANING DETAIL SHEET
23.3	SY	ROUNDING
10000	SY	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_14A.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 14A OF 186

QUANTITY SHEET 4

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

		FULL CE	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				1950	1950	TON	SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)	900.680	15.0
				185	185	TON	SPECIAL PROVISION (PORTLAND CEMENT FOR COLD MIXED RECYCLING)	900.680	7
				42500	42500	TON	SPECIAL PROVISION (MATERIAL TRANSFER DEVICE)	900.680	448.5
				800	800	CWT	SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)	900.683	EST.
				1610	1610	CWT	SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)	900.683	4.6

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_14B.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 14B OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 1

BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	204.30 GRAN. BACKFILL FOR STRUCTURES	402.12 AGG. SHOULD.	601.0010 15" CSP .064 (2-2/3 X 1/2)	601.0015 18" CSP .064 (2-2/3 X 1/2)	601.0815 18" RCP CLASS III	601.2615 18" CPEP (SL)	604.412 REHAB. D.I. CLASS I	613.10 STONE FILL, TYPE I	613.11 STONE FILL, TYPE II	619.17 YIELDING MARKER POSTS	621.205 STEEL BEAM G.R., GALV W/8FT POSTS	621.207 STEEL BEAM G.R., GALV/NEST W/8 FT POSTS	621.215 HD STEEL BEAM G.R., GALV W/8 FT POSTS	621.60 ANCHOR FOR S.B. G.R.	621.80 REMOVE & DISP. OF G.R.	649.31 GEOT. UNDER STONE FILL	653.20 TEMP. EROS. MATT.	651.35 TOP-SOIL	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS
			CY	CY	CY	CY	TON	LF	LF	LF	LF	EACH	CY	CY	EACH	LF	LF	LF	EACH	LF	SY	SY	CY	EACH	EACH	
ADDISON																										
443+14.82	587+92.19	LT&RT			1		651					1			27											ESTIMATED QUANTITIES TO BE USED AS DIRECTED
																										BY THE RESIDENT ENGINEER
464+50	465+40	RT											18.4								55.2	55.2				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~479+77~~	~~482+02~~	RT	50											10		~~204~~	~~25~~		2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
479+79	482+04															229										STA. 479+77 AND STA. 482+02
~~480+63.25~~	~~482+88.25~~	LT	50											10		~~204~~	~~25~~		2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
480+65	482+90															229										STA. 480+63.25 AND STA. 482+88.25
493+20	495+45	RT	50											10		204	25		2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
																										STA. 493+20 AND STA. 495+45
~~494+24.25~~	~~496+49.25~~	LT	50											10		204	25		2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
494+29	496+54																									STA. 494+24.25 AND STA. 496+49.25
494+75	496+40	LT											26								78	78				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
504+75	506+25	LT											65.6								196.8	196.8				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
517+25	518+25	LT											29.1								87.3	87.3				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~519+76.75~~	~~522+01.75~~	RT	50											10		~~204~~	~~25~~		2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
519+72	522+09.5															241.5										STA. 519+76.75 AND STA. 522+01.75
520+25	521+25	LT											24.7								74.1	74.1				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~520+51.25~~	~~522+76.25~~	LT	50											10		204	~~25~~		2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
520+54	522+96.5																37.5									STA. 520+51.25 AND STA. 522+76.25
522+25	522+75	LT											14.2								42.6	42.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~528+25~~	~~531+00~~	LT														279			2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
528+27	531+06																									STA. 528+25 AND STA. 531+00
528+25	531+00	LT											42								126	126				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
529+50	530+75	LT											34.5								103.5	103.5				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
543+25	543+75	LT											14.6								43.8	43.8				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
553+75	563+93	LT											165.7								497.1	497.1				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~555+00~~	~~563+50~~	~~LT~~														~~854~~			~~2~~			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
																										STA. 555+00 AND STA. 563+50
572+75	576+75	RT											111.6								334.8	334.8				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
573+41.84	573+42.79	LT		1		1					3															EXTEND EXISTING 18" CPEP CULVERT
577+75	578+18	LT											6.9								20.7	20.7				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
578+36	578+75	LT											6.6								19.8	19.8				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
557+15	560+65	RT														354			2							
SUBTOTAL			300	1	1	1	651	-	-	-	3	1	559.9	60	27	2357	150	-	16	-	1679.7	2079.7	80	16	-	

ITEM DETAIL SUMMARY SHEET 1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_I5.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET I5 OF I86

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 2

BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	204.30 GRAN. BACKFILL FOR STRUCTURES	402.12 AGG. SHOULD.	601.0010 15" CSP .064 (2-2/3 X 1/2)	601.0015 18" CSP .064 (2-2/3 X 1/2)	601.0815 18" RCP CLASS III	601.2615 18" CPEP (SL)	604.412 REHAB. D.I. CLASS I	613.10 STONE FILL, TYPE I	613.11 STONE FILL, TYPE II	619.17 YIELDING MARKER POSTS	621.205 STEEL BEAM G.R., GALV W/8FT POSTS	621.207 STEEL BEAM G.R., GALV/NEST W/8 FT POSTS	621.215 HD STEEL BEAM G.R., GALV W/8 FT POSTS	621.60 ANCHOR FOR S.B. G.R.	621.80 REMOVE & DISP. OF G.R.	649.31 GEOT. UNDER STONE FILL	653.20 TEMP. EROS. MATT.	651.35 TOP-SOIL	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS
			CY	CY	CY	CY	TON	LF	LF	LF	LF	EACH	CY	CY	EACH	LF	LF	LF	EACH	LF	SY	SY	CY	EACH	EACH	
ADDISON																										
582+25	582+58	LT											4.2								12.6	12.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
WEYBRIDGE																										
a 0+00	a 11+34.06	LT&RT					48								2											ESTIMATED QUANTITIES TO BE USED AS DIRECTED
																										BY THE RESIDENT ENGINEER
~~a 9+68.00~~	~~a 10+68~~	RT														~~70.75~~		~~47.5~~ 50	1	100		25	5	1	1	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
A 9+70	A 10+70															64.5										STA. a 9+68
~~a 10+18~~	~~a 10+68~~	LT														~~20.75~~		~~47.5~~ 50	1	50		25	5	1	1	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
BRIDGE #8	A10+20 A10+32.5															14.5										STA. a 10+18
NEW HAVEN																										
b 0+00	b 117+45.96	LT&RT					522								24											ESTIMATED QUANTITIES TO BE USED AS DIRECTED
																										BY THE RESIDENT ENGINEER
~~b 1+56.5~~	~~b 4+94~~	LT	25													~~308.25~~	12.5	~~47.5~~ 50	1	~~350~~		25	5	1	1	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
B 1+90.5	B 5+03															314.5				362.5						STA. b 4+94
~~b 1+56.5~~	~~b 5+37.75~~	RT	25													~~352~~		~~47.5~~ 50	1	375		25	5	1	1	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
B 1+90.5	B 5+28															339+.5										STA. b 5+37+75
b 3+75	b 4+75	RT											15.2								45.6	45.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 3+80	b 4+95	LT											26.5								79.5	79.5				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 10+75	b 13+75	RT											89.9								269.7	269.7				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 22+50	b 24+75	RT											57.3								171.9	171.9				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 26+25.75	b 26+25.82	LT		1		1					3		2													EXTEND EXISTING 18" CPEP CULVERT
b 30+13.35	b 30+13.55	LT		1		1			2																	EXTEND EXISTING 18" CSP CULVERT
b 36+75	b 40+25	RT											68.6								205.8	205.8				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~b 43+60.5~~	~~b 45+73~~	LT	50													~~191.5~~	~~25~~		~~2~~			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
																										STA. b 43+60.5 AND STA. b 45+73
b 43+75	b 44+25	LT											10	10							30	30				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 49+08.17	b 49+08.25	LT		1		1					3															EXTEND EXISTING 18" CPEP CULVERT
b 56+75	b 67+25	RT											206.4								619.2	619.2				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~b 60+12.5~~	~~b 65+00~~	RT														~~491.5~~			2			50	10			INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
B 60+10	B 65+10															504										STA. b 60+12.5 AND STA. b 65+00
b 63+62.12	b 63+62.26	LT		1		1		3																		EXTEND EXISTING 15" CSP CULVERT
b 67+50	b 68+75	LT											15.9								47.7	47.7				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 68+09.39	b 68+09.40	LT		1		1			3																	EXTEND EXISTING 18" CPSP CULVERT
b 72+75	b 78+25	LT											65.9								197.7	197.7				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
SUBTOTAL			100	5	-	5	570	3	5	-	6	-	561.9	10	26	1434.75	25	190	8	875	1679.7	1879.7	40	6	4	

ITEM DETAIL SUMMARY SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_16.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 16 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 3

BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	204.30 GRAN. BACKFILL FOR STRUCTURES	402.12 AGG. SHOULD.	601.0010 15" CSP .064 (2-2/3 X 1/2)	601.0015 18" CSP .064 (2-2/3 X 1/2)	601.0815 18" RCP CLASS III	601.2615 18" CPEP (SL)	604.412 REHAB. D.I. CLASS I	613.10 STONE FILL, TYPE I	613.11 STONE FILL, TYPE II	619.17 YIELDING MARKER POSTS	621.205 STEEL BEAM G.R., GALV W/8FT POSTS	621.207 STEEL BEAM G.R., GALV/NEST W/8 FT POSTS	621.215 HD STEEL BEAM G.R., GALV W/8 FT POSTS	621.60 ANCHOR FOR S.B. G.R.	621.80 REMOVE & DISP. OF G.R.	649.31 GEOT. UNDER STONE FILL	653.20 TEMP. EROS. MATT.	651.35 TOP-SOIL	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS
			CY	CY	CY	CY	TON	LF	LF	LF	LF	EACH	CY	CY	EACH	LF	LF	LF	EACH	LF	SY	SY	CY	EACH	EACH	
NEW HAVEN																										
b 80+50	b 86+25	LT											92.5	10							277.5	277.5				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b ~~83+55.75~~	~~b 85+80.75~~	RT	50													~~191.5~~	~~37.5~~		2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
B 83+46	B 85+71															204	25									STA. b 83+55.75 AND STA. b 85+80.75
b 84+75	b 85+40	RT											23.7	10							71.1	71.1				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~b 84+49.25~~	~~b 86+74.25~~	LT	50													~~191.5~~	~~37.5~~		2			50	10	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
B 84+40	B 86+69															204	25									STA. b 84+49.25 AND STA. b 86+74.25
b 91+75	b 92+25	RT											9.2								27.6	27.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 93+75	b 95+70	LT											35.3								105.9	105.9				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 93+75	b 94+25	RT											10.8								32.4	32.4				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
~~b 94+19.75~~	~~b 96+44.75~~	RT	50											10		~~191.5~~	~~37.5~~		2			50	10	2		INSTALL 12'-6" LONG, RADIUS WITH ANCHOR AT
B 92+37	B 96+49.5															391.5	25									STA. b 94+19.75 AND STA. b 96+44.75
~~b 95+17.25~~	~~b 97+42.25~~	LT	50											10		~~191.5~~	~~37.5~~		2			50	10	2		INSTALL 12'-6" LONG, RADIUS WITH ANCHOR AT
B 95+08.5	B 101+46															616.5	25									STA. b 95+11.25 AND STA. b 97+42.25
b 97+25	b 100+25	LT											63.2								189.6	189.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 99+00	b 100+48	RT											27.7								83.1	83.1				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
b 111+75	b 114+25	LT											39.5								118.5	118.5				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
WALTHAM																										
c 0+00	c 48+77.02	LT&RT					220								14											ESTIMATED QUANTITIES TO BE USED AS DIRECTED
																										BY THE RESIDENT ENGINEER
c 2+30	c 2+45	RT											1.9								5.7	5.7				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
c 5+25	c 8+25	LT											58.3								174.9	174.9				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
c 6+77.86	c 6+93.75	LT&RT		1		1				6																EXTEND EXISTING 18" RCP CULVERT 3' AT INLET
																										AND OUTLET
~~c 9+45~~	c 16+70	LT														~~759~~			2	725		50	10	2	2	INSTALL 12'-6" LONG, RADIUS WITH ANCHOR AT
C 9+50																741.5										STA. c 9+45 AND STA. c 16+70
c 12+93.40	c 12+94.90	RT		1		1			3																	EXTEND EXISTING 18" CSP CULVERT
c 25+75	c 27+00	LT											38.1								114.3	114.3				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
c 29+25	c 36+75	LT											170.2								510.6	510.6				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
TOTAL			200	2	-	2	220	-	3	6	-	-	570.4	40	14	1525	150	-	10	725	1711.2	1961.2	50	10	2	

ITEM DETAIL SUMMARY SHEET 3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_I7.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET I7 OF I86

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 4

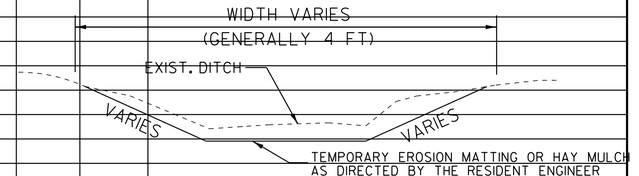
BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	204.30 GRAN. BACKFILL FOR STRUCTURES	402.12 AGG. SHOULD.	601.0010 15" CSP .064 (2-2/3 X 1/2)	601.0015 18" CSP .064 (2-2/3 X 1/2)	601.0815 18" RCP CLASS III	601.2615 18" CPEP (SL)	604.412 REHAB. D.I. CLASS I	613.10 STONE FILL, TYPE I	613.11 STONE FILL, TYPE II	619.17 YIELDING MARKER POSTS	621.205 STEEL BEAM G.R., GALV W/8FT POSTS	621.207 STEEL BEAM G.R., GALV/NEST W/8 FT POSTS	621.215 HD STEEL BEAM G.R., GALV W/8 FT POSTS	621.60 ANCHOR FOR S.B. G.R.	621.80 REMOVE & DISP. OF G.R.	649.31 GEOT. UNDER STONE FILL	653.20 TEMP. EROS. MATT.	651.35 TOP-SOIL	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS
			CY	CY	CY	CY	TON	LF	LF	LF	LF	EACH	CY	CY	EACH	LF	LF	LF	EACH	LF	SY	SY	CY	EACH	EACH	
NEW HAVEN																										
d 117+45.96	d 182+13.00	LT&RT					291								13											ESTIMATED QUANTITIES TO BE USED AS DIRECTED
																										BY THE RESIDENT ENGINEER
d 122+22.75	d 123+85.25	RT	50											10		~~141.5~~	25		2			50	10	2		INSTALL 12'-6" LONG, RADIUS WITH ANCHOR AT
D 122+30	D 123+83															154										STA. d 122+22.75 AND STA. d 123+85.25
d 122+47.75	d 124+72.75	LT	50											10		~~204~~	25		2			50	10	2		INSTALL 12'-6" LONG, RADIUS WITH ANCHOR AT
D 122+52	D 124+77															229										STA. d 122+47.75 AND STA. d 124+72.75
d 122+75	d 123+75	LT											20								60	60				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
d 129+75	d 130+85	RT											19.7								59.1	59.1				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
d 135+75	d 136+70	RT											23.9								71.7	71.7				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
d 137+00	d 137+75	RT											12.3								36.9	36.9				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON
d 163+50	d 165+00	RT											29.8								89.4	89.4				PLACE STONE FILL ON SLOPES GREATER THAN 1:2
																										FOR SLOPE STABILIZATON

LOCATION SITE	STA.	STA.	POS.	FEET OF DITCHING PERCENT GRADE 0-2.5	2.5-10	MISC. ITEMS 653.20 TEMP. EROS. MATT. SY	613.10 STONE FILL TYP. I CY	649.31 GEOT. UNDER STONE FILL SY	REMARKS
VT 17									
ADDISON									
1	445+50	448+00	RT	250		111			
2	455+15	464+65	LT	265	685	118	101	457	
3	455+15	464+65	RT	265	685	118	101	457	
4	465+15	481+00	RT	1100	485	489	72	323	
5	506+90	517+45	RT		1055		156	703	
6	528+50	538+50	RT	750	250	333	37	167	
7	549+65	559+70	RT	255	750	113	111	500	
WEYBRIDGE									
8	a 0+00	a 5+25	LT	175	350	78	52	233	
NEW HAVEN									
9	b 9+20	b 10+35	LT	115		51			
10	b 21+10	b 26+40	LT	530		236	5	20	USE STONE FILL AROUND INLET AT STA. b 26+26 LT
11	b 41+20	b 44+90	LT	270	100	120	15	67	
12	b 58+10	b 68+60	LT	1050		467			
13	b 73+90	b 79+20	LT	320	210	142	31	140	
14	b 89+75	b 95+05	LT	230	300	102	44	200	
15	b 95+05	b 97+70	RT	165	100		39	67	STONE LINE ENTIRE LENGTH OF DITCH
WALTHAM									
16	c 2+65	c 15+85	RT	150	1170	67	173	780	
17	c 17+95		RT	100			5	20	USE STONE FILL AROUND INLET
SUBTOTAL THIS SHEET				-	-	-	-	-	
SUBTOTAL SHEET 15				300	1	1	1	1	
SUBTOTAL SHEET 16				100	5	-	5	5	
SUBTOTAL SHEET 17				200	2	133	-	2	
GRAND TOTAL				700	8	1	34	153	
18	c 26+40	c 37+50	RT	310	800	138	119	533	
NEW HAVEN									
19	d 122+25	d 125+25	RT	200		89			
20	d 126+25	d 130+50	RT	425	-	189	-	-	
21	d 138+35	d 143+65	RT	200	230	89	-	34	
22	d 154+20	d 160+00	RT	480	100	213	15	67	
23	d 159+00	d 161+00	RT	200		89			
24	d 160+50	d 174+25	RT		1375		204	917	
25	d 161+75	d 162+25	RT	50		22			
26	d 163+50	d 165+35	LT	185		82			
27	d 176+90	d 182+13	RT	313	210	139	31	140	

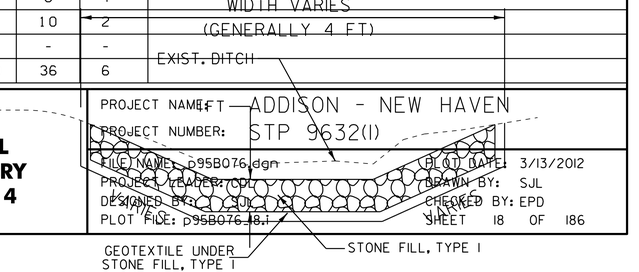
LOCATION SITE	STATION	STATION	POS.	FEET OF DITCHING PERCENT GRADE 0-2.5	2.5-10	MISC. ITEMS 653.20 TEMP. EROS. MATT. SY	613.10 STONE FILL TYP. I CY	649.31 GEOT. UNDER STONE FILL SY	REMARKS
	-	-	-	-	-	-	-	-	
	291	-	-	-	3	1	559.9	60	27
	570	3	5	-	6	-	561.9	10	26
	220	-	3	6	-	-	570.4	40	14
	18	1	-	-	1	-	-	-	-
	1750	4	8	6	10	1	1797.9	130	80

LOCATION SITE	STATION	STATION	POS.	FEET OF DITCHING PERCENT GRADE 0-2.5	2.5-10	MISC. ITEMS 653.20 TEMP. EROS. MATT. SY	613.10 STONE FILL TYP. I CY	649.31 GEOT. UNDER STONE FILL SY	REMARKS
	-	-	-	-	-	-	-	-	
	651	-	-	-	3	1	559.9	60	27
	570	3	5	-	6	-	561.9	10	26
	220	-	3	6	-	-	570.4	40	14
	18	1	-	-	1	-	-	-	-
	1750	4	8	6	10	1	1797.9	130	80

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
291	-	-	-	3	1	559.9	60	27	2357	150	-	16	-	1679.7	2079.7	80	16	4	-							
570	3	5	-	6	-	561.9	10	26	1434.75	25	190	8	875	1679.7	1879.7	40	6	4	-							
220	-	3	6	-	-	570.4	40	14	1525	150	-	10	725	1711.2	1961.2	50	10	2	-							
18	1	-	-	1	-	-	-	-	12.75	-	-	-	-	-	-	10	-	-	-							
1750	4	8	6	10	1	1797.9	130	80	5675	375	190	38	1600	5387.7	6337.7	200	36	6	-							



DITCH DETAIL < 2.5 PERCENT
NOT TO SCALE



ITEM DETAIL SUMMARY SHEET 4

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076.48.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 18 OF 186

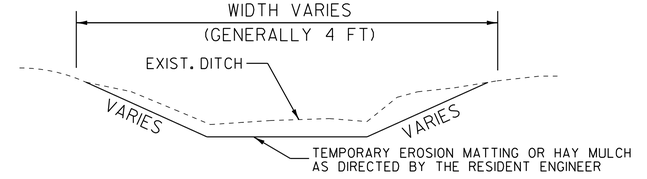
SITE	LOCATION STA.	LOCATION STA.	POS.	FEET OF DITCHING PERCENT GRADE 0-2.5	FEET OF DITCHING PERCENT GRADE 2.5-10	MISC. ITEMS 653.20 TEMP. EROS. MATT. SY	MISC. ITEMS 613.10 STONE FILL TYP. I CY	MISC. ITEMS 649.31 GEOT. UNDER STONE FILL SY	REMARKS
	VT 17								
ADDISON									
1	445+50	448+00	RT	250		111			
2	455+15	464+65	LT	265	685	118	101	457	
3	455+15	464+65	RT	265	685	118	101	457	
4	465+15	481+00	RT	1100	485	489	72	323	
5	506+90	517+45	RT		1055		156	703	
6	528+50	538+50	RT	750	250	333	37	167	
7	549+65	559+70	RT	255	750	113	111	500	
WEYBRIDGE									
8	a 0+00	a 5+25	LT	175	350	78	52	233	
NEW HAVEN									
9	b 9+20	b 10+35	LT	115		51			
10	b 21+10	b 26+40	LT	530		236	5	20	USE STONE FILL AROUND INLET AT STA. b 26+26 LT
11	b 41+20	b 44+90	LT	270	100	120	15	67	
12	b 58+10	b 68+60	LT	1050		467			
13	b 73+90	b 79+20	LT	320	210	142	31	140	
14	b 89+75	b 95+05	LT	230	300	102	44	200	
15	b 95+05	b 97+70	RT	165	100		39	67	STONE LINE ENTIRE LENGTH OF DITCH
WALTHAM									
16	c 2+65	c 15+85	RT	150	1170	67	173	780	
17	c 12+95		RT				5	20	USE STONE FILL AROUND INLET
18	c 26+40	c 37+50	RT	310	800	138	119	533	
NEW HAVEN									
19	d 122+25	d 125+25	RT	300		133			
20	d 126+25	d 130+50	RT	425		189			
21	d 138+35	d 143+65	RT	200	230	89	34	153	
22	d 154+20	d 160+00	RT	480	100	213	15	67	
23	d 159+00	d 161+00	RT	200		89			
24	d 160+50	d 174+25	RT		1375		204	917	
25	d 161+75	d 162+25	RT	50		22			
26	d 163+50	d 165+35	LT	185		82			
27	d 176+90	d 182+13	RT	313	210	139	31	140	
	ADDISON SUBTOTAL			2885	3910	1282	578	2607	
	WEYBRIDGE SUBTOTAL			175	350	78	52	233	
	NEW HAVEN SUBTOTAL			4833	2625	2074	418	1771	
	WALTHAM SUBTOTAL			460	1970	205	297	1331	
	ROUNDING			47	5				
	TOTAL			8400	8860	3639	1345	5944	

SITE	LOCATION STATION	LOCATION STATION	POS.	FEET OF DITCHING PERCENT GRADE 0-2.5	FEET OF DITCHING PERCENT GRADE 2.5-10	MISC. ITEMS 653.20 TEMP. EROS. MATT. SY	MISC. ITEMS 613.10 STONE FILL TYP. I CY	MISC. ITEMS 649.31 GEOT. UNDER STONE FILL SY	REMARKS

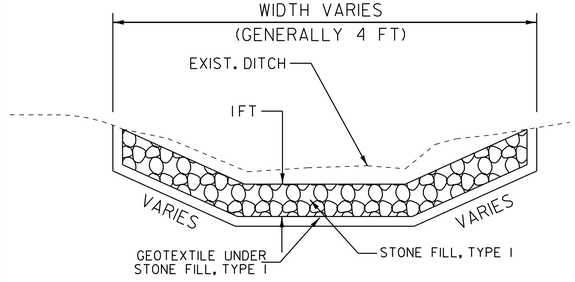
SITE	LOCATION STATION	LOCATION STATION	POS.	FEET OF DITCHING PERCENT GRADE 0-2.5	FEET OF DITCHING PERCENT GRADE 2.5-10	MISC. ITEMS 653.20 TEMP. EROS. MATT. SY	MISC. ITEMS 613.10 STONE FILL TYP. I CY	MISC. ITEMS 649.31 GEOT. UNDER STONE FILL SY	REMARKS

DITCH CLEANING DETAIL SHEET

NOT TO SCALE



DITCH DETAIL < 2.5 PERCENT
NOT TO SCALE



DITCH DETAIL > 2.5 PERCENT
NOT TO SCALE

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
2. GRADES LESS THAN 1PERCENT SHALL USE ITEM 651.15, SEED AND ITEM 651.25, HAY MULCH. GRADES BETWEEN 1AND 2.5 PERCENT SHALL USE ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE RESIDENT ENGINEER. GRADES OVER 2.5 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

DITCH CLEANING DETAIL SHEET

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

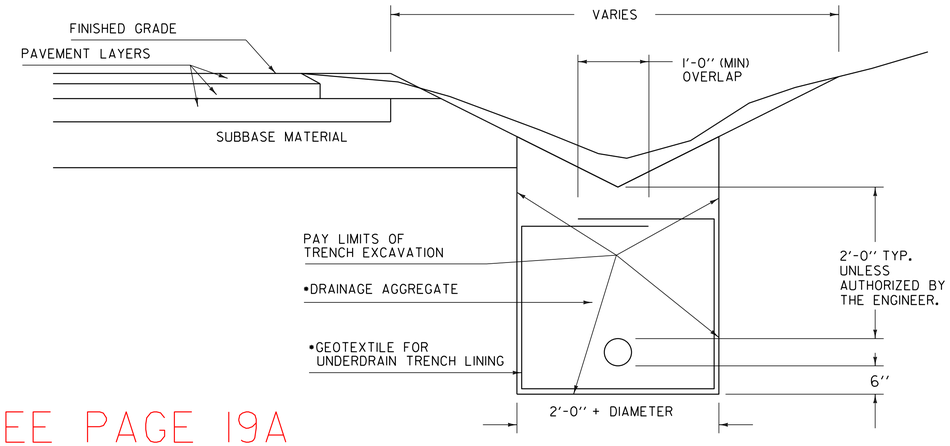
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_19.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 19 OF 186

LOCATION					MISC. ITEMS						REMARKS
SITE	STATION	STATION	POS.	605.10	*	*	204.20	605.20	605.95	619.17	* ITEMS INCIDENTAL TO ITEM 605.10
				6 INCH	DRAINAGE	GEOTEXTILE	TRENCH	6 INCH U.D.	U.D. FLUSHING	YIELDING	"6 INCH UNDERDRAIN PIPE"
				UNDERDRAIN PIPE	AGGREGATE	FOR TRENCH	EXCAVATION	CARRIER PIPE	BASIN	MARKER POSTS	
				LF	CY	SY	CY	LF	EA	EA	
1	468+00	475+75	RT	775.0	229.6	1062.0	229.6	10.0	2	3	
2	470+60	475+75	LT	515.0	152.6	705.7	152.6	10.0	2	3	
3	476+25	481+25	RT	500.0	148.1	685.2	148.1	10.0	2	3	
4	481+40	485+75	LT	435.0	128.9	596.1	128.9	10.0	2	3	
5	490+50	494+80	LT	430.0	127.4	589.3	127.4	10.0	2	3	
6	495+00	497+00	RT	200.0	59.3	274.1	59.3	5.0	1	2	
7	498+85	500+15	RT	130.0	38.5	178.1	38.5	5.0	1	2	
8	501+50	503+50	RT	200.0	59.3	274.1	59.3	5.0	1	2	
9	513+50	515+86	RT	236.0	69.9	323.4	69.9	5.0	1	2	
10	516+65	521+18	RT	453.0	134.2	620.8	134.2	10.0	2	3	
11	523+00	527+50	LT	450.0	133.3	616.7	133.3	10.0	2	3	
12	529+92	533+97	RT	405.0	120.0	555.0	120.0	10.0	2	3	
13	550+00	558+75	RT	875.0	259.3	1199.1	259.3	15.0	3	4	
14	559+50	564+00	RT	450.0	133.3	616.7	133.3	10.0	2	3	
15	564+25	572+50	RT	825.0	244.4	1130.6	244.4	15.0	3	4	
16	566+25	568+95	LT	270.0	80.0	370.0	80.0	5.0	1	2	
17	569+50	573+15	LT	365.0	108.1	500.2	108.1	5.0	1	2	
18	573+50	578+00	LT	450.0	133.3	616.7	133.3	10.0	2	3	
19	579+50	582+25	LT	275.0	81.5	376.9	81.5	5.0	1	2	
20	583+75	585+00	LT	125.0	37.0	171.3	37.0	5.0	1	2	
21	585+75	a 3+00	LT	517.0	153.2	708.5	153.2	10.0	2	3	
22	b 5+50	b 7+25	LT	175.0	51.9	239.8	51.9	5.0	1	2	
23	b 18+25	b 25+25	LT/RT	725.0	214.8	993.5	214.8	10.0	2	3	
24	b 30+25	b 33+75	LT	250.0	74.1	342.6	74.1	5.0	1	2	
25	b 41+50	b 44+00	LT	250.0	74.1	342.6	74.1	5.0	1	2	
26	b 44+50	b 45+75	LT	125.0	37.0	171.3	37.0	5.0	1	2	
27	b 53+00	b 54+75	LT	175.0	51.9	239.8	51.9	5.0	1	2	
28	b 70+75	b 72+25	LT	150.0	44.4	205.6	44.4	5.0	1	2	
29	b 73+00	b 77+00	LT	400.0	118.5	548.1	118.5	10.0	2	3	
30	b 78+50	b 84+75	LT	625.0	185.2	856.5	185.2	10.0	2	3	
31	b 82+50	b 83+75	RT	125.0	37.0	171.3	37.0	5.0	1	2	
32	b 85+75	b 87+50	RT	175.0	51.9	239.8	51.9	5.0	1	2	
33	b 90+00	b 94+50	LT	450.0	133.3	616.7	133.3	10.0	2	3	
34	b 100+00	b 104+25	RT	425.0	125.9	582.4	125.9	10.0	2	3	

LOCATION					MISC. ITEMS						REMARKS
SITE	STATION	STATION	POS.	605.10	*	*	204.20	605.20	605.95	619.17	* ITEMS INCIDENTAL TO ITEM 605.10
				6 INCH	DRAINAGE	GEOTEXTILE	TRENCH	6 INCH U.D.	U.D. FLUSHING	YIELDING	"6 INCH UNDERDRAIN PIPE"
				UNDERDRAIN PIPE	AGGREGATE	FOR TRENCH	EXCAVATION	CARRIER PIPE	BASIN	MARKER POSTS	
				LF	CY	SY	CY	LF	EA	EA	
35	b 104+50	b 112+00	RT	750.0	222.2	1027.8	222.2	10.0	2	3	
36	c 0+50	c 2+25	LT	175.0	51.9	239.8	51.9	5.0	1	2	
37	c 2+75	c 6+75	RT	400.0	118.5	548.1	118.5	10.0	2	3	
38	c 7+00	c 11+75	RT	475.0	140.7	650.9	140.7	10.0	2	3	
39	c 22+25	c 24+75	RT	250.0	74.1	342.6	74.1	5.0	1	2	
40	c 26+50	c 33+25	RT	675.0	200.0	925.0	200.0	10.0	2	3	
41	c 33+75	c 36+00	RT	225.0	66.7	308.3	66.7	5.0	1	2	
42	c 38+00	c 40+25	RT	225.0	66.7	308.3	66.7	5.0	1	2	
43	d 135+25	d 137+00	LT	175.0	51.9	239.8	51.9	5.0	1	2	
44	d 161+00	d 165+00	LT	400.0	118.5	548.1	118.5	10.0	2	3	
45	d 165+50	d 172+00	LT	650.0	192.6	890.7	192.6	10.0	2	3	
46	d 167+00	d 172+00	RT	500.0	148.1	685.2	148.1	10.0	2	3	
	SUBTOTAL			17831.0	5283.1	24435.1	5283.1	365.0	73	119	
	ROUNDING			69.0	-	-	-	35.0	-	-	
	TOTAL			17900.0	5283.3	24435.1	**	400.0	73	**	** SEE QUANTITY SHEETS FOR TOTAL QUANTITIES.

SEE PAGE 19A



DRAINAGE AGGREGATE SHALL MEET THE REQUIREMENTS OF SUBSECTION 704.16.

• ITEMS ARE INCLUDED IN THE UNIT PRICE BID FOR PAY ITEM 605.10 "6 INCH UNDERDRAIN PIPE"

UNDERDRAIN DETAIL

NOTE: GEOTEXTILE FOR UNDERDRAIN TRENCH LINING SHALL NOT BE PLACED AROUND UNDERDRAIN WHEN COVER ABOVE UNDERDRAIN IS LESS THAN 1 FOOT.

UNDERDRAIN DETAIL SHEET

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_20.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD

GPS CONTROL POINTS

HVCTRL #1

A97011

NORTH = 589435.837
EAST = 1462663.739
ELEV. = 370.239

DESCRIBED BY VERMONT GEODETIC SURVEY 1997 (CHR) GENERAL LOCATION, NEW HAVEN, VT. OWNERSHIP, NELSONS SERVICE CENTER, INC., RR 1 BOX 118, NEW HAVEN, VT.05472. CONTACT MARK A.NELSON. PHONE 802-453-5091. TO REACH FROM THE INTERSECTION OF U.S.ROUTE 7 AND VT ROUTE 17 EAST IN NEW HAVEN JUNCTION GO SOUTH ALONG U.S.ROUTE 7 FOR 0.5 MI (0.8 KM) TO THE INTERSECTION OF A GRAVEL DRIVE RIGHT LEADING TO NELSONS SERVICE CENTER. TURN RIGHT AND GO WEST ALONG THE GRAVEL DRIVE FOR ABOUT 50 M (164.0 FT) TO THE SERVICE CENTER AND SITE OF MARK ON A GRASSY KNOLL SOUTH OF THE BUILDING. THE MARK IS SET FLUSH WITH GROUND SURFACE IN THE TOP OF A DEEPLY IMBEDDED 3.3 M (10.8 FT) X 1.0 M (3.3 FT) EXPOSED IRREGULAR MASS OF CONCRETE. IT IS 51.7 M (169.6 FT) WEST OF AND ABOUT 3 M (9.8 FT) HIGHER THAN THE WEST EDGE OF PAVEMENT OF U.S.ROUTE 7, 23.7 M (77.8 FT) SOUTHEAST OF THE SOUTHEAST CORNER OF THE SERVICE STATION, 27.8 M (91.2 FT) NORTHWEST OF THE NORTHWEST CORNER OF A MOBILE HOME, 1.0 M (3.3 FT) WEST OF A NORTH-SOUTH WOVEN WIRE FENCE, AND 16.9 M (55.4 FT) SOUTHWEST OF POLE NO.4 AND A FIBERGLASS WITNESS POST. NOTE, MARK IS INTERVISIBLE WITH MARK A97010.

HVCTRL #2

A97010

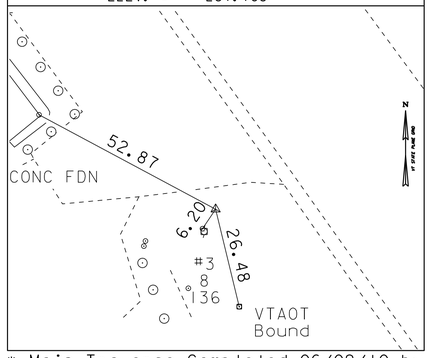
NORTH = 591974.904
EAST = 1461715.899
ELEV. = 284.366

DESCRIBED BY VERMONT GEODETIC SURVEY 1997 (CHR) GENERAL LOCATION, NEW HAVEN, VT. OWNERSHIP, CECIL AND RAMONA MORSE, P.O.BOX 93, NEW HAVEN, VT.05472. PHONE 802-388-2641. TO REACH FROM THE INTERSECTION OF VT ROUTE 17 EAST AND U.S.ROUTE 7 IN NEW HAVEN JUNCTION GO EAST ALONG VT ROUTE 17 FOR 0.05 MI (0.08 KM) TO THE NEW HAVEN POST OFFICE AND THE MARK ON THE LEFT IN A GRASS ISLAND BETWEEN THE PAVED PARKING LOT FOR THE POST OFFICE AND VT ROUTE 17. THE MARK IS SET FLUSH WITH GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT POURED 1.4 M (4.6 FT) DEEP. IT IS 8.3 M (27.2 FT) NORTH OF AND ABOUT LEVEL WITH THE CENTERLINE OF VT ROUTE 17, 1.6 M (5.2 FT) SOUTH OF THE SOUTH EDGE OF THE PAVED PARKING LOT, 18.0 M (59.1 FT) SOUTHEAST OF THE SOUTHWEST CORNER OF THE POST OFFICE, 18.5 M (60.7 FT) SOUTHWEST OF THE SOUTHEAST CORNER OF THE POST OFFICE, AND 27.3 M (89.6 FT) NORTHEAST OF POLE NO.136B/136/128/134. NOTE, MARK IS INTERVISIBLE WITH MARK A97011.

TRAVERSE TIES

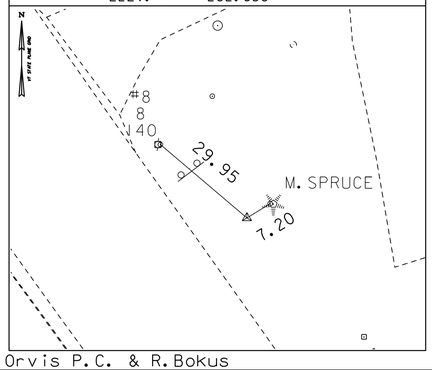
HVCTRL #3

NORTH = 591853.635
EAST = 1461356.373
ELEV. = 281.108



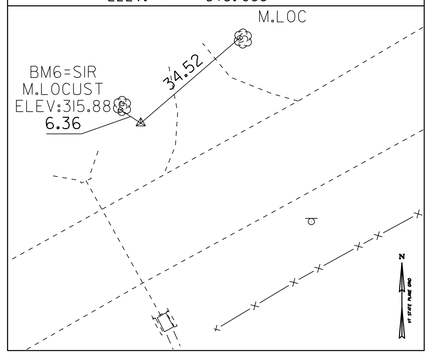
HVCTRL #4

NORTH = 592656.787
EAST = 1460864.406
ELEV. = 282.638



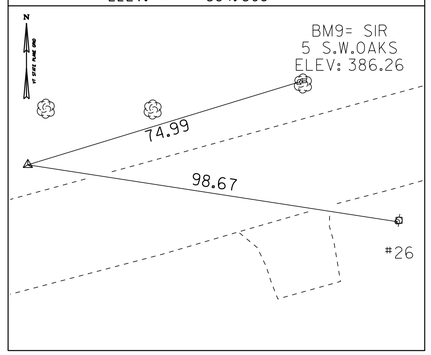
HVCTRL #6

NORTH = 591905.950
EAST = 1460096.067
ELEV. = 315.066



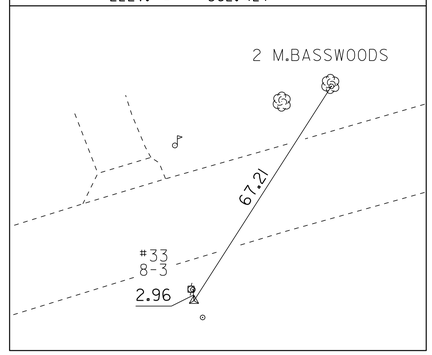
HVCTRL #9

NORTH = 590839.706
EAST = 1458062.396
ELEV. = 384.506



HVCTRL #10

NORTH = 590531.173
EAST = 1457103.583
ELEV. = 362.421

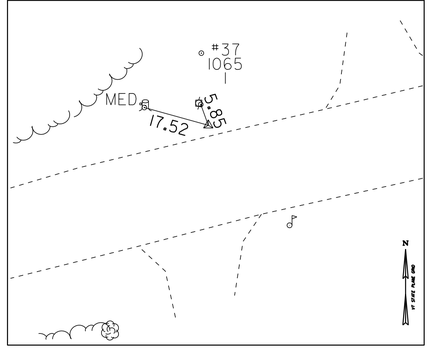


* Main Traverse Completed 06/09/10 by L.Orvis P.C. & R.Bokus

TRAVERSE TIES

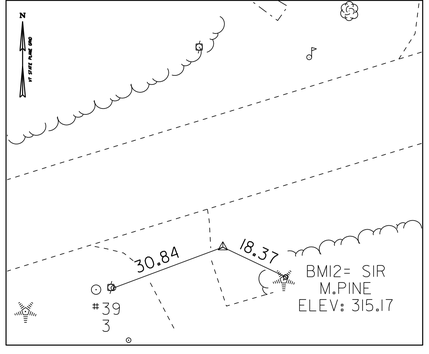
HVCTRL #11

NORTH = 590364.446
EAST = 1456365.459
ELEV. = 334.190



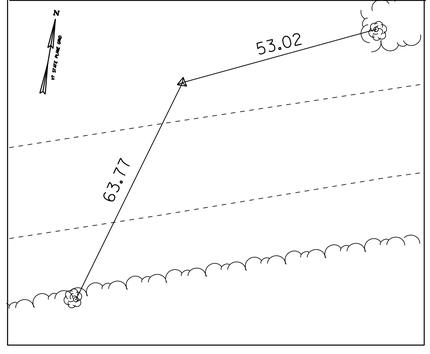
HVCTRL #12

NORTH = 590180.148
EAST = 1455843.554
ELEV. = 313.305



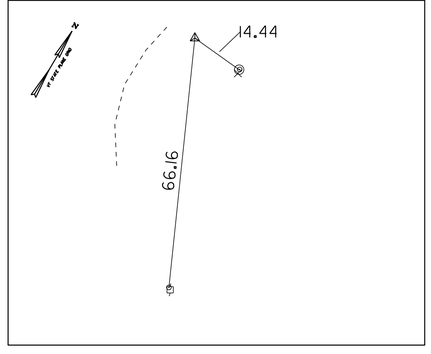
HVCTRL #13

NORTH = 589919.218
EAST = 1454857.984
ELEV. = 323.762



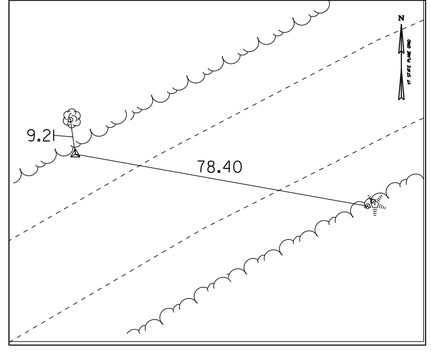
HVCTRL #14

NORTH = 589601.204
EAST = 1454011.632
ELEV. = 324.533



HVCTRL #15

NORTH = 589343.056
EAST = 1453178.837
ELEV. = 344.911



DATUM
NAVD 88
NAD 83

NOTE:
SURVEY INFORMATION PROVIDED BY VTRANS SURVEY DEPARTMENT

TIE SHEET 1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

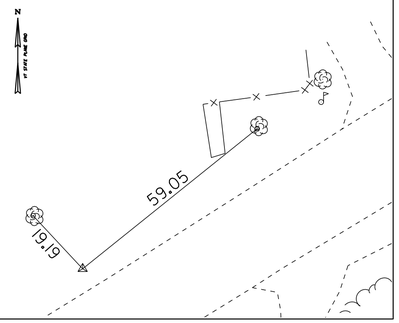
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_21.i

PLOT DATE: 3/13/2012
DRAWN BY: R. BULLOCK
CHECKED BY: EPD
SHEET 21 OF 186

TRAVERSE TIES

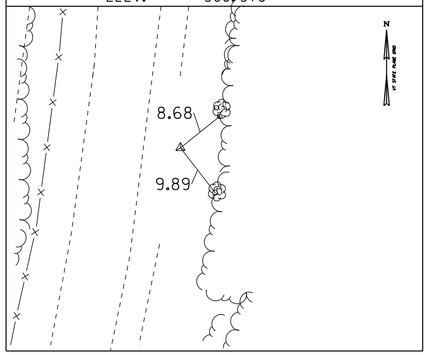
HVCTRL # 17

NORTH =	588749.465
EAST =	1452259.800
ELEV. =	391.454



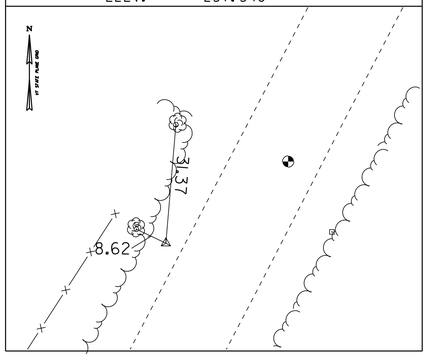
HVCTRL # 20

NORTH =	587581.676
EAST =	1451819.732
ELEV. =	306.576



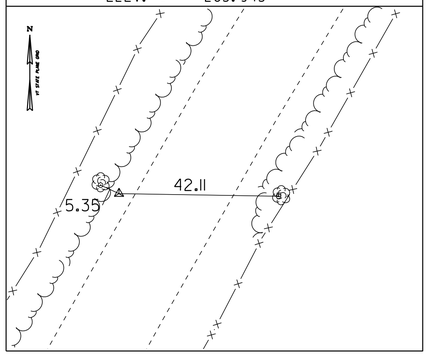
HVCTRL # 22

NORTH =	586190.239
EAST =	1451161.735
ELEV. =	257.340



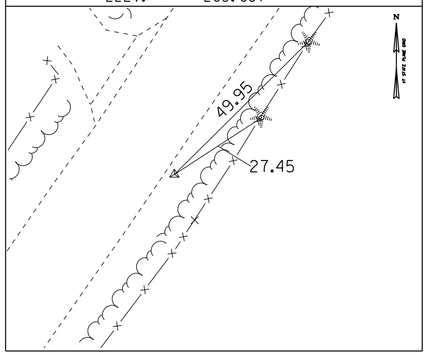
HVCTRL # 24

NORTH =	584982.022
EAST =	1450437.938
ELEV. =	203.943



HVCTRL # 25

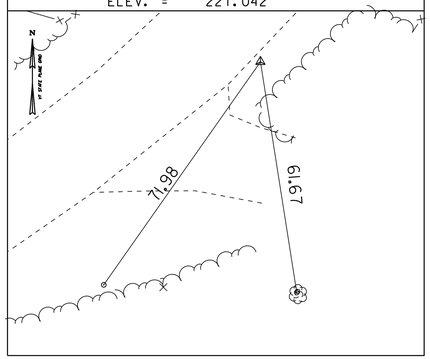
NORTH =	584498.684
EAST =	1450174.822
ELEV. =	203.087



TRAVERSE TIES

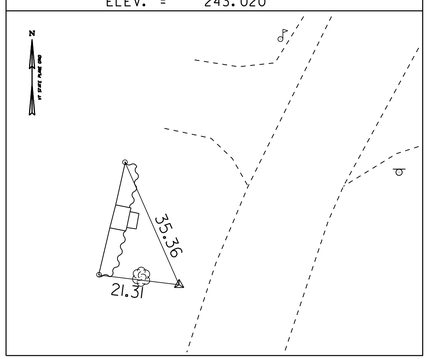
HVCTRL # 26

NORTH =	583733.689
EAST =	1449610.983
ELEV. =	221.042



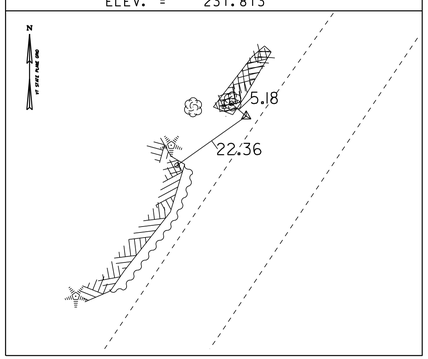
HVCTRL # 27

NORTH =	583289.807
EAST =	1449003.301
ELEV. =	243.020



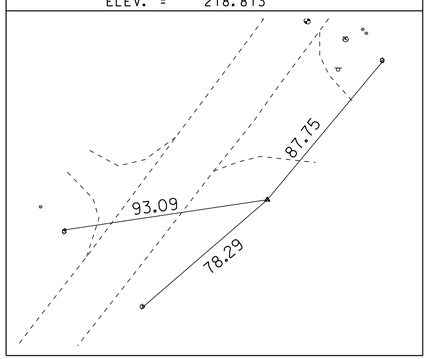
HVCTRL # 29

NORTH =	582006.452
EAST =	1448391.092
ELEV. =	231.813



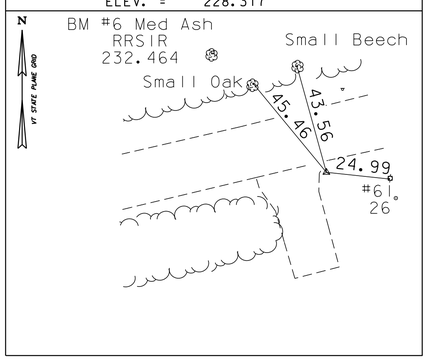
HVCTRL # 30

NORTH =	581208.639
EAST =	1447920.279
ELEV. =	218.813



HVCTRL #34

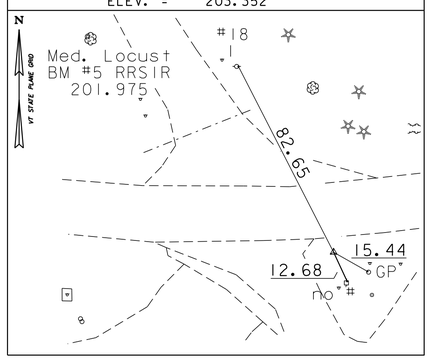
NORTH =	579239.513
EAST =	1445926.657
ELEV. =	228.317



TRAVERSE TIES

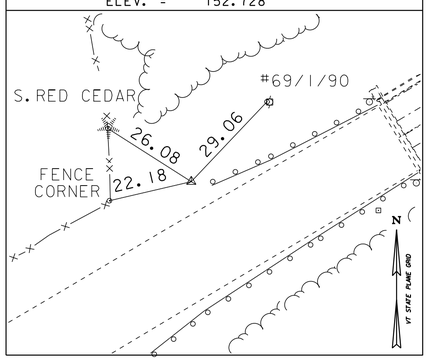
HVCTRL #35

NORTH =	579075.596
EAST =	1445170.505
ELEV. =	203.352



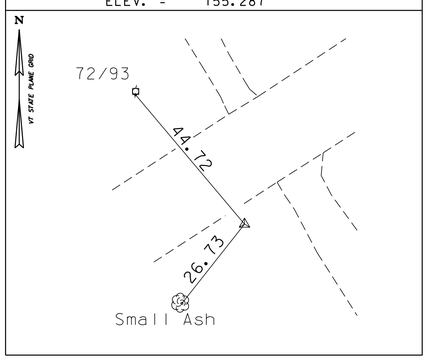
HVCTRL #36

NORTH =	578927.482
EAST =	1444154.293
ELEV. =	152.728



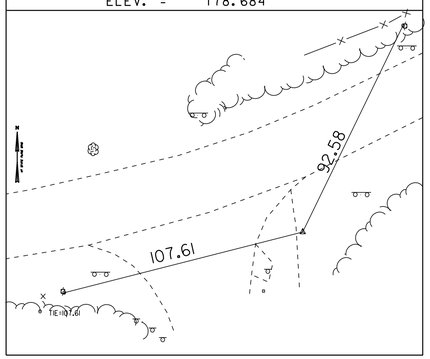
HVCTRL #37

NORTH =	578564.376
EAST =	1443636.441
ELEV. =	155.287



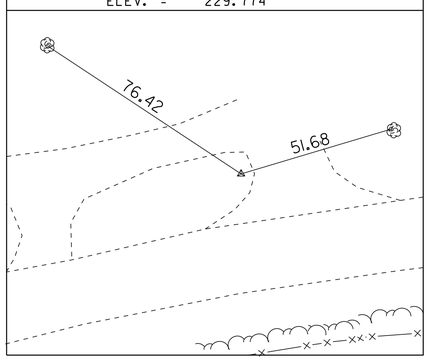
HVCTRL #39

NORTH =	578397.742
EAST =	1443369.275
ELEV. =	178.684



HVCTRL #40

NORTH =	578331.059
EAST =	1442389.297
ELEV. =	229.774



DATUM

NAVD 88

NAD 83

NOTE:

SURVEY INFORMATION PROVIDED BY VTRANS SURVEY DEPARTMENT

TIE SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN

PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_22.i

PLOT DATE: 3/13/2012
DRAWN BY: R. BULLOCK
CHECKED BY: EPD
SHEET 22 OF 186

GPS CONTROL POINTS

HVCTRL #38

CHALKER

NORTH = 578921.073
EAST = 1444009.973
ELEV. = 158.007

To reach from the intersection of VT routes 17 and 23 go east along route 17 for 0.15 mi to the site of the mark on the left, on a small rise, just east of a field drive. The mark is set flush with ground surface in the top of a massive rock outcrop. It is86.0 ft north of and about 6.6 ft higher than the centerline of route 17, 50 ft east of and about 10 ft higher than the centerline of the field drive, 131.2 ft southeast of the southeast cornerof a equipment barn, 49 ft west northwest of a 18 in. oak, and 57 ft north of a fiberglass witness post in an east-west wire fenceline.

HVCTRL #99

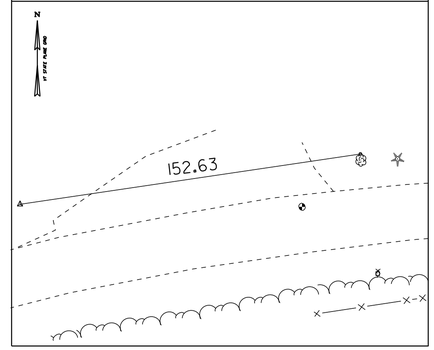
CHALKER AZ MK

NORTH = 580550.589
EAST = 1444341.949
ELEV. = 201.277

To reach from the intersection of VT routes 17 and 23 go east along route 17 for 0.4 mi to the intersection of Hallock Road left and Quaker Village Road right. Turn left and go north along Hallock Road for 0.3 mi to an old concrete barn foundation on the left and the site of the mark on the left, set in the top of the most southernly of two concrete pads in the foundation structure. It is about opposite a 2 1/2 story barn on the right. It is 37.1 ft west of and about level with the centerline of Hallock Road, 134.5 ft south of a pole no. 3002/5-1, 4.9 ft northwest of the southeast corner of the concrete pad, 4.9 ft southwest of the northeast corner of the concrete pad, and 39.4 ft north northwest of a fiberglass witness post at a wire fence corner.

HVCTRL #42

NORTH = 578109.557
EAST = 1440898.238
ELEV. = 310.488

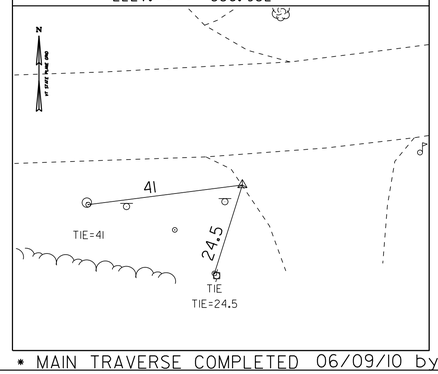


* DESCRIPTION PROVIDED BY VERMONT AGENCY OF TRANSPORTATION GEODETIC SURVEY UNIT

TRAVERSE TIES

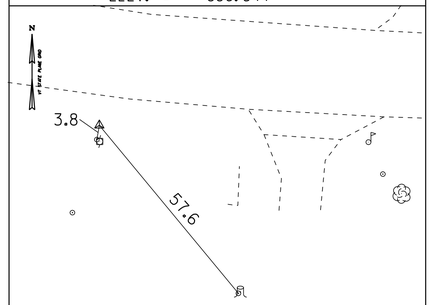
HVCTRL #43

NORTH = 577659.349
EAST = 1439406.074
ELEV. = 336.932



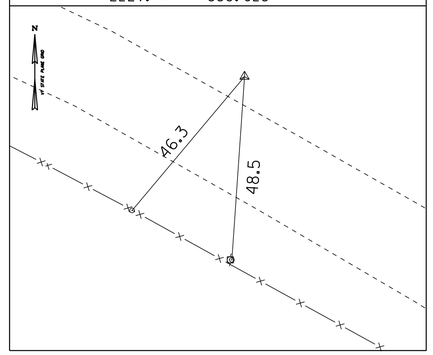
HVCTRL #44

NORTH = 577661.185
EAST = 1438435.836
ELEV. = 336.544



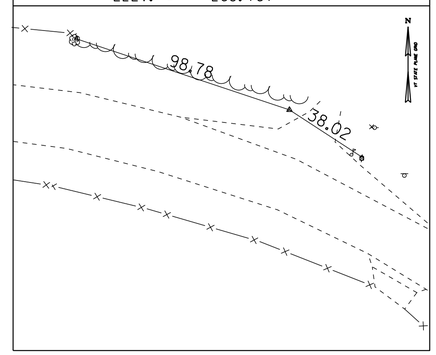
HVCTRL #45

NORTH = 577922.934
EAST = 1437945.577
ELEV. = 338.023



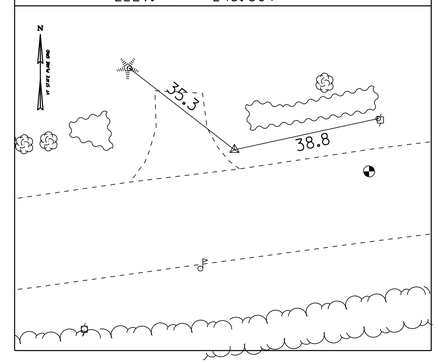
HVCTRL #47

NORTH = 578888.720
EAST = 1436512.522
ELEV. = 268.761



HVCTRL #48

NORTH = 578869.803
EAST = 1435929.403
ELEV. = 243.504

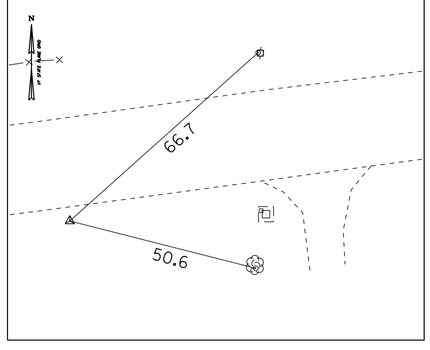


* MAIN TRAVERSE COMPLETED 06/09/10 by L. Orvis (P.C) & R.Bockus

TRAVERSE TIES

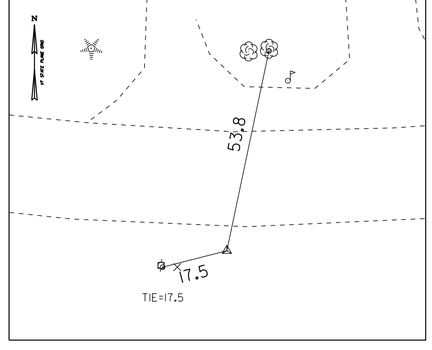
HVCTRL #49

NORTH = 578717.816
EAST = 1435014.842
ELEV. = 198.997



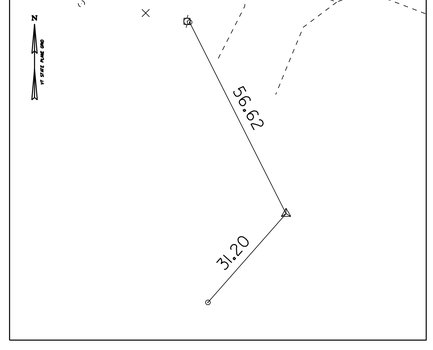
HVCTRL #50

NORTH = 578538.239
EAST = 1433622.197
ELEV. = 209.165



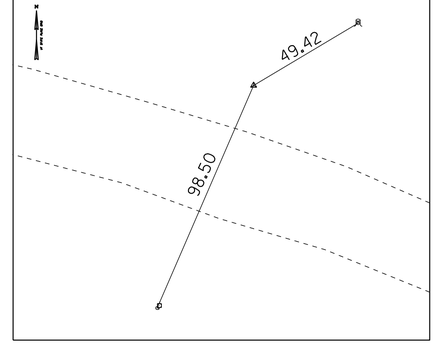
HVCTRL #52

NORTH = 579460.647
EAST = 1431238.206
ELEV. = 190.746



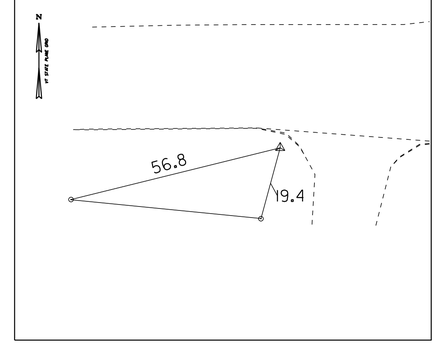
HVCTRL #53

NORTH = 580154.209
EAST = 1429991.183
ELEV. = 277.331



HVCTRL #54

NORTH = 580174.879
EAST = 1429516.065
ELEV. = 286.895



DATUM
NAVD 88
NAD 83

NOTE:
SURVEY INFORMATION PROVIDED BY VTRANS SURVEY DEPARTMENT

TIE SHEET 3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_23.i

PLOT DATE: 3/13/2012
DRAWN BY: R. BULLOCK
CHECKED BY: EPD
SHEET 23 OF 186

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I
STA. 443+16 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 443+14.82 - STA. 448+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 443+14.82 - STA. 448+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 443+24 - STA. 448+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 443+24 - STA. 448+25 (SOLID LT & RT)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 443+34 LT "STOP"

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. 443+25 LT

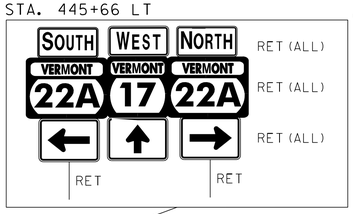
DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. 443+34 LT "STOP"

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 443+25 LT

N

VT STATE PLANE GRID

STA. 445+66 LT



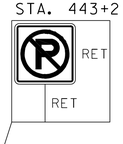
PI 446+58.29

TIE STUMP

HVCNTRL 53
N: 580154.21
E: 1429991.18
EL: 277.33

DESTINATION SIGNS (TO BE RETAINED)

STA. 443+21 LT



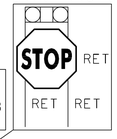
REGRADE DRIVE WITH 4' PAVED APRON AND SUBBASE OF CRUSHED GRAVEL, FINE GRADED

DI
RIM 286.19

TELEPHONE POLE

LIGHT POLE

STA. 443+62 LT



HVCNTRL 182
N: 580217.05
E: 1429678.58
EL: 285.83

TO FERRISBURGH

VT ROUTE 22A

POB 442+97.00

DI
RIM 286.33

R 49'-5"

GRAVEL

DI
RIM 280.51

7'-9"

MB

CURVE #1

VT ROUTE 17

443+00

444+00

445+00

446+00

447+00

448+00

WESTBOUND

EASTBOUND

BORING B-2

MATCHLINE STA. 448+25 SEE NEXT SHEET

EXISTING PAVEMENT WIDTH 35'

STA. 445+18

INV. 275.93

15" CMP
2.9' COVER

BORING B-1

BALSAM

444+46.47 PC

R 60'-9"

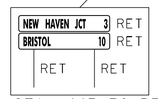
PT

COMBO

AER E&T

TIE

SIGN FIBER OPTIC CABLE



STA. 447+76 RT

STA. 445+68 RT

BEGIN PROJECT STP 9632(I)
STA. 443+14.82 = MM 8.393

6'-11'-11'-6'

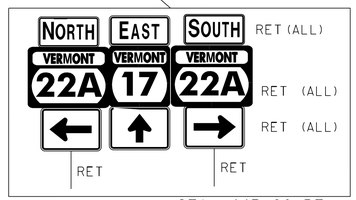
TO BRIDPORT

TIE

GRAVEL

HVCNTRL 54
N: 580174.88
E: 1429516.07
EL: 286.90

BM
USGS DISK STAMP
AGM 19 TOP



STA. 443+60 RT

CURVE #1
DELTA = 18°51'55"
D = 4°29'38"
R = 1275.00'
T = 211.82'
L = 419.81'
BANKING 0.042 FT/FT
115' RUNOFF (35 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

NOTE:
REFER TO HORIZONTAL ALIGNMENT TABLES ON SHEETS 92 AND 93 FOR BASELINE LAYOUT DATA.

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

DATUM
NAVD 88
NAD 83

SCALE 1" = 20'-0
20 0 20

PROJECT LAYOUT SHEET 1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_24.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 24 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 448+25 - STA. 453+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #34)
STA. 453+25 RT (EDGELINES TH #34)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 448+25 - STA. 453+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #34)
STA. 453+25 RT (EDGELINES TH #34)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 448+25 - STA. 453+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #34)
STA. 453+25 RT (CENTERLINE TH #34)
STA. 453+50 - STA. 453+75 (SOLID LT, DASHED RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 448+25 - STA. 453+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #34)
STA. 453+25 RT (CENTERLINE TH #34)
STA. 453+50 - STA. 453+75 (SOLID LT, DASHED RT)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. 453+26 - STA. 453+49 RT (TH #34)

DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. 451+23 LT "AHEAD"
STA. 451+64 LT "STOP"
STA. 453+33 RT "STOP" (TH #34)

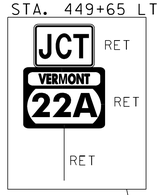
TEMPORARY 24 INCH STOP BAR, PAINT
STA. 453+26 - STA. 453+49 RT (TH #34)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 451+23 LT "AHEAD"
STA. 451+64 LT "STOP"
STA. 453+33 RT "STOP" (TH #34)

N

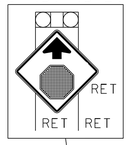
VT STATE PLANE GRID

STA. 449+65 LT

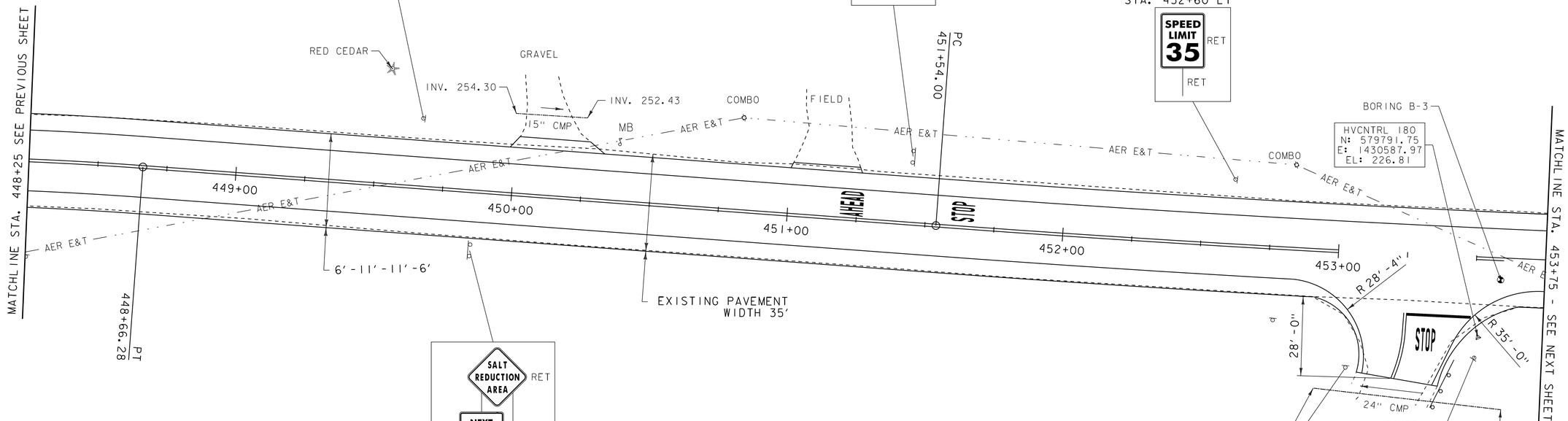


RELOCATE MAILBOX, SINGLE SUPPORT
STA. 450+38 LT

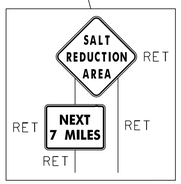
STA. 451+43 LT



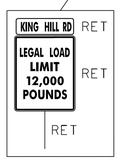
STA. 452+60 LT



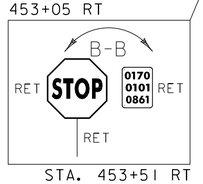
STA. 449+85 LT



STA. 453+05 RT



STA. 453+51 RT



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_25.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 25 OF 186

CURVE #2
DELTA = 5°09'34"
D = 0°47'45"
R = 7200.00'
T = 324.41'
L = 648.37'
NORMAL CROWN

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 453+75 - STA. 459+75 (SOLID LT & RT)

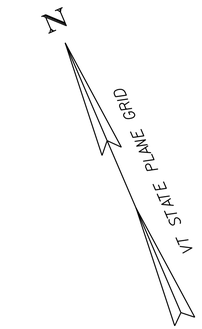
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 453+75 - STA. 459+75 (SOLID LT & RT)

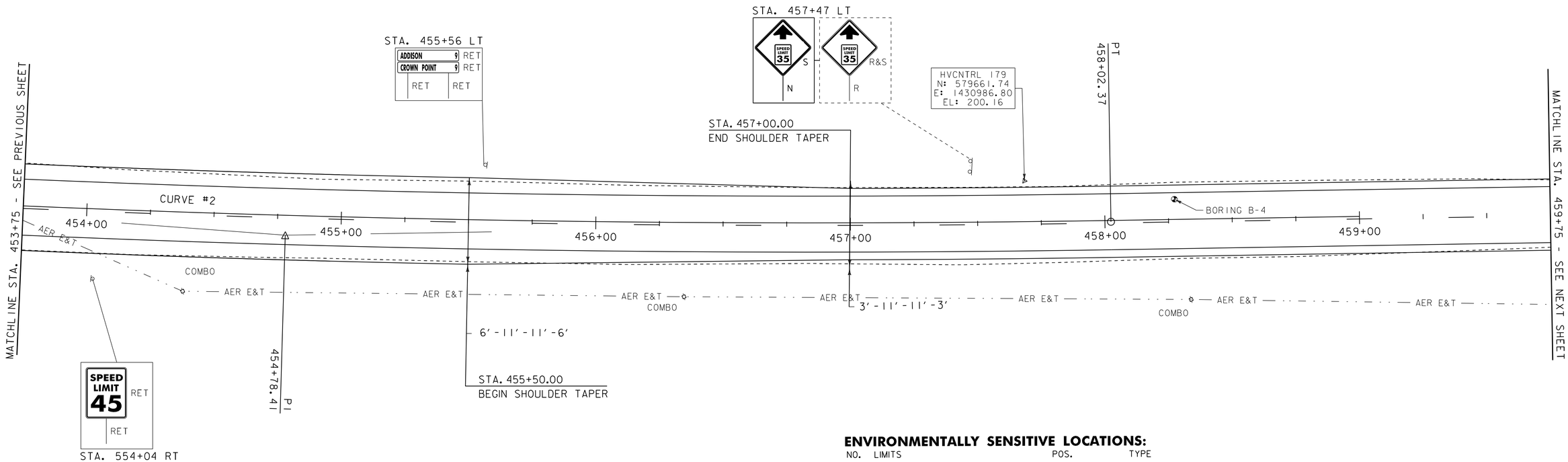
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 453+75 - STA. 459+00 (SOLID LT, DASHED RT)
STA. 459+00 - STA. 459+75 (DASHED)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 453+75 - STA. 459+00 (SOLID LT, DASHED RT)
STA. 459+00 - STA. 459+75 (DASHED)

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1





ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
1.	STA. 453+75 - STA. 459+75	RT	EM - WET MEADOW

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_26.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 26 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 459+75 - STA. 465+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 459+75 - STA. 465+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 459+75 - STA. 465+75 (DASHED)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 459+75 - STA. 465+75 (DASHED)

STONE FILL, TYPE I
STA. 464+50 - STA. 465+40 RT

GRUBBING MATERIAL
STA. 464+50 - STA. 465+40 RT

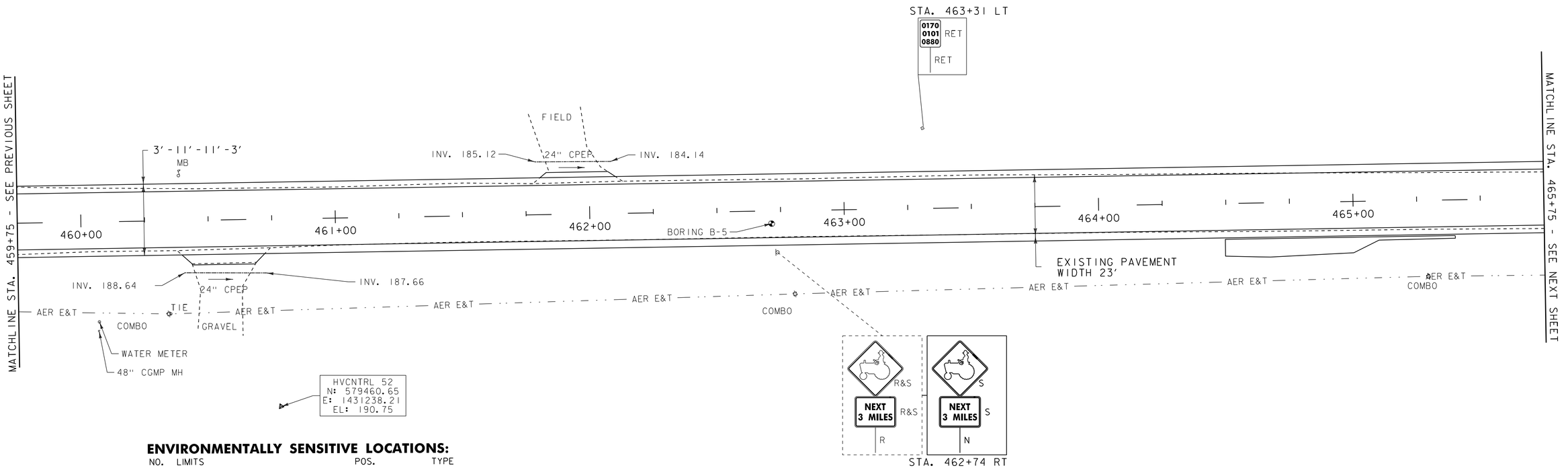
GEOTEXTILE FOR SILT FENCE
STA. 464+50 - STA. 465+40 RT

GEOTEXTILE UNDER STONE FILL
STA. 464+50 - STA. 465+40 RT

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 2

N
VT STATE PLANE GRID



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
1.	STA. 459+75 - STA. 460+25	RT	EM - WET MEADOW

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 4

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_27.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 27 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 465+75 - STA. 471+50 (SOLID LT & RT)

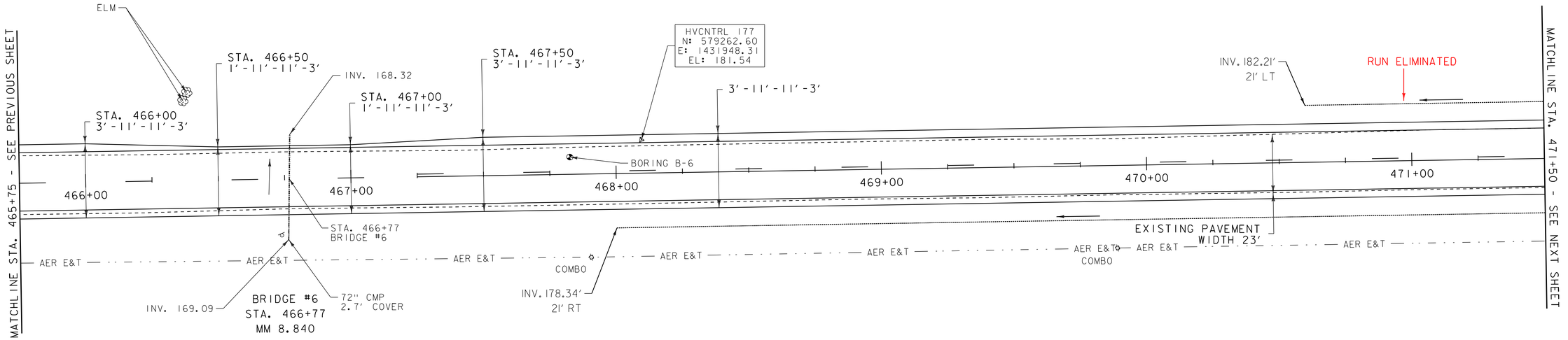
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 465+75 - STA. 471+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 465+75 - STA. 467+25 (DASHED)
STA. 467+25 - STA. 471+50 (SOLID RT, DASHED LT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 465+75 - STA. 467+25 (DASHED)
STA. 467+25 - STA. 471+50 (SOLID RT, DASHED LT)

6 INCH UNDERDRAIN PIPE
STA. 468+00 - STA. 471+50 RT
~~STA. 470+60 - STA. 471+50 LT~~

N
VT STATE PLANE GRID



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
2.	STA. 466+75 - STA. 467+25	LT & RT	EM - WET MEADOW/ WATERCOURSE

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 5

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_28.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 28 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 471+50 - STA. 477+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 471+50 - STA. 477+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 471+50 - STA. 475+50 (DASHED LT, SOLID RT)
STA. 475+50 - STA. 477+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 471+50 - STA. 475+50 (DASHED LT, SOLID RT)
STA. 475+50 - STA. 477+50 (SOLID LT & RT)

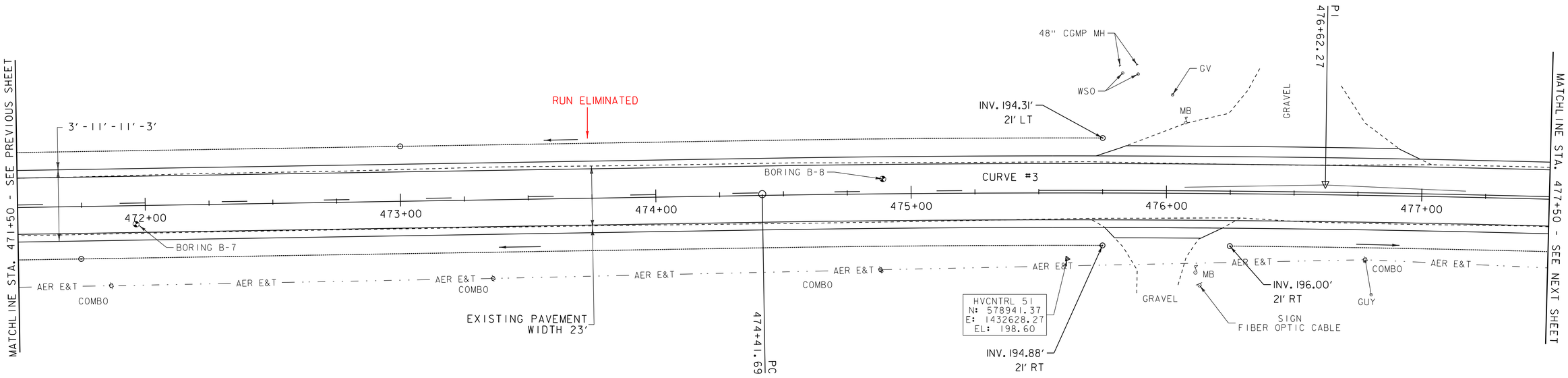
6 INCH UNDERDRAIN PIPE
~~STA. 471+50 - STA. 475+75 LT~~
STA. 471+50 - STA. 475+75 RT
STA. 476+25 - STA. 477+50 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 471+75 RT
STA. 473+00 LT
STA. 475+75 RT
STA. 475+75 LT
STA. 476+25 RT

UNDERDRAIN FLUSHING BASIN
STA. 471+75 RT
~~STA. 473+00 LT~~
STA. 475+75 RT
~~STA. 475+75 LT~~
STA. 476+25 RT

CURVE #3
DELTA = 3°27'41"
D = 0°47'06"
R = 7300.00'
T = 220.57'
L = 441.01'
NORMAL CROWN

N
VT STATE PLANE GRID



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 6

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_29.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 29 OF 186

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
~~STA. 479+77 - STA. 481+20.75 RT~~
~~STA. 480+63.25 - STA. 481+19.5 LT~~ 479+79- 482+04 RT
~~STA. 481+44.5 - STA. 482+88.25 LT~~ 480+65 - 482+90 LT
~~STA. 481+45.75 - STA. 482+02 RT~~

~~STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS~~
~~STA. 481+19.5 - STA. 481+44.5 LT~~
~~STA. 481+20.75 - STA. 481+45.75 RT~~

ANCHOR FOR STEEL BEAM RAIL
~~STA. 479+77 RT~~ 479+79 RT
~~STA. 480+63.25 LT~~ 480+65 RT
~~STA. 482+02 RT~~ 482+04 RT
~~STA. 482+88.25 LT~~ 482+90 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 477+50 - STA. 483+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 477+50 - STA. 483+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 477+50 - STA. 483+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 477+50 - STA. 483+25 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 1

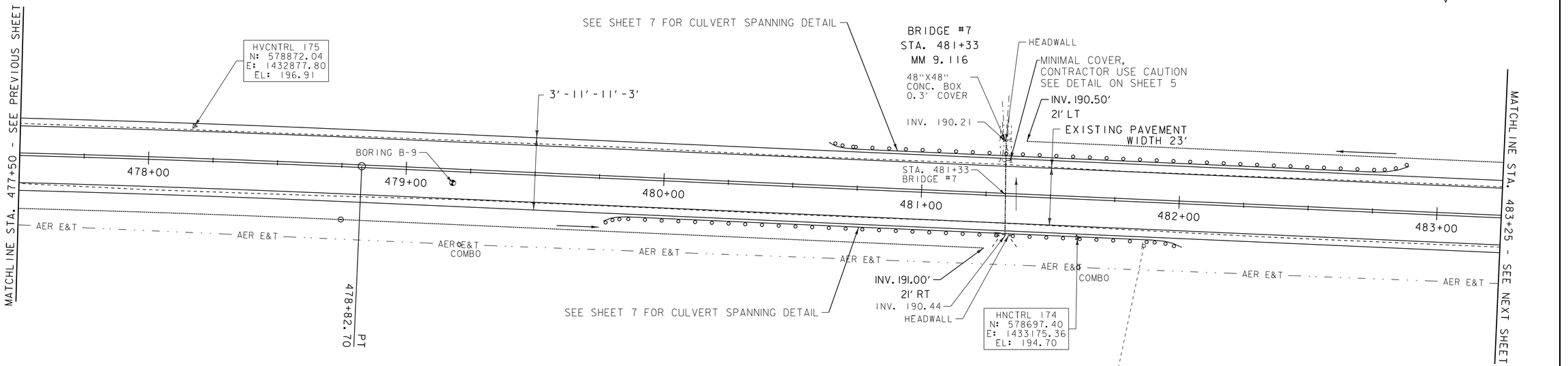
ERECTING SALVAGED SIGNS
AS SHOWN - 1

6 INCH UNDERDRAIN PIPE
STA. 477+50 - STA. 481+25 RT
STA. 481+40 - STA. 483+25 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 478+75 RT

UNDERDRAIN FLUSHING BASIN
STA. 478+75 RT

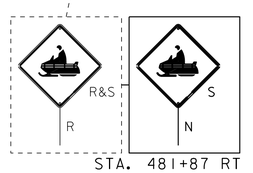
N
VT STATE PLANE GRID



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
3.	STA. 481+50	LT & RT	EM - WET MEADOW/ WATERCOURSE

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND



STA. 481+87 RT

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 7

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_30.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 30 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 483+25 - STA. 488+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #5)
STA. 487+53 RT (EDGELINES TH #5)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 483+25 - STA. 488+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #5)
STA. 487+53 RT (EDGELINES TH #5)

REMOVING SIGNS
AS SHOWN - 7

ERECTING SALVAGED SIGNS
AS SHOWN - 7

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 483+25 - STA. 488+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #5)
STA. 487+26 RT (CENTERLINE TH #5)
STA. 487+99 RT (CENTERLINE TH #5)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 483+25 - STA. 488+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #5)
STA. 487+26 RT (CENTERLINE TH #5)
STA. 487+99 RT (CENTERLINE TH #5)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. 487+20 - STA. 487+30 RT (TH #5)
STA. 488+05 - STA. 488+13 RT (TH #5)

DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. 487+28 RT "STOP" (TH #5)
STA. 488+04 RT "STOP" (TH #5)

N
VT STATE PLANE GRID

CURVE #4
DELTA = 32°37'43"
D = 10°48'38" (1) D = 9°18'59" (2)
R = 530.00' (1) R = 615.00' (2)
T = 160.24' (1) T = 172.29' (2)
L = 166.50' (1) L = 157.02' (2)
BANKING 0.070 FT/FT , 0.065 FT/FT
RUNOFF 140' , 140' (35 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

MATCHLINE STA. 483+25 - SEE PREVIOUS SHEET
BORING B-10
PC 483+92.56
3'-11'-11'-3'
EXISTING PAVEMENT WIDTH 23'
484+00
485+00
486+00
487+00
AER E&T
COMBO
GUY
PCC 485+59.07
PI 484+76.50
PI 486+38.00
CURVE #4
REGRADE DRIVE WITH 4' PAVED APRON AND SUBBASE OF CRUSHED GRAVEL, FINE GRADED
BM50
SPIKE IN ROOT
ELV. 207.85
BOX ELDER
SHRUB
SPRUCE
INV. 202.90'
21' LT
TIE
MB
GRAVEL
10'-9"
HVCNTRL 50
N: 578538.24
E: 1433622.20
EL: 209.17
PT 487+16.08
HEDGE ROW
MIDDLE RD
TH #12
MM 9.250
STA. 488+42
MATCHLINE STA. 488+75 - SEE NEXT SHEET
R 55'-0"
R 35'-0"
R 2'-0"
46'-0"
39'-0"
STOP
PAVED
MOUNTAIN RD
TH #5
MM 9.234
STA. 487+53

STA. 487+50 LT
S
40 M.P.H.
N
R&S
R

STA. 484+49 RT
35 M.P.H.

STA. 485+59 RT
0170 0101 0920

STA. 484+92 RT
0170 0101 0920

STA. 488+16 RT
MOUNTAIN RD RET
STOP RET

STA. 487+32 RT
STOP RET

STA. 487+50 RT
LEGAL LOAD LIMIT 24,000 POUNDS RET

6 INCH UNDERDRAIN PIPE
STA. 483+25 - STA. ~~485+75 LT~~ 485+70 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 483+50 LT
STA. 485+75 LT

UNDERDRAIN FLUSHING BASIN
STA. 483+50 LT
~~STA. 485+75 LT~~ 485+70 LT

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 487+20 - STA. 487+30 RT (TH #5)
STA. 488+05 - STA. 488+13 RT (TH #5)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 487+28 RT "STOP" (TH #5)
STA. 488+04 RT "STOP" (TH #5)

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 8

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_3l.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 31 OF 186

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 493+20 - STA. 494+50 RT
STA. ~~494+24.25~~ - STA. 494+50 LT
494+29

ANCHOR FOR STEEL BEAM RAIL
STA. 493+20 RT
~~STA. 494+24.25 LT~~
494+29

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 488+75 - STA. 494+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 488+75 - STA. 494+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 488+75 - STA. 489+00 (SOLID LT & RT)
STA. 489+00 - STA. 494+50 (SOLID LT, DASHED RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 488+75 - STA. 489+00 (SOLID LT & RT)
STA. 489+00 - STA. 494+50 (SOLID LT, DASHED RT)

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 2

6 INCH UNDERDRAIN PIPE
STA. 490+50 - STA. 494+50 LT

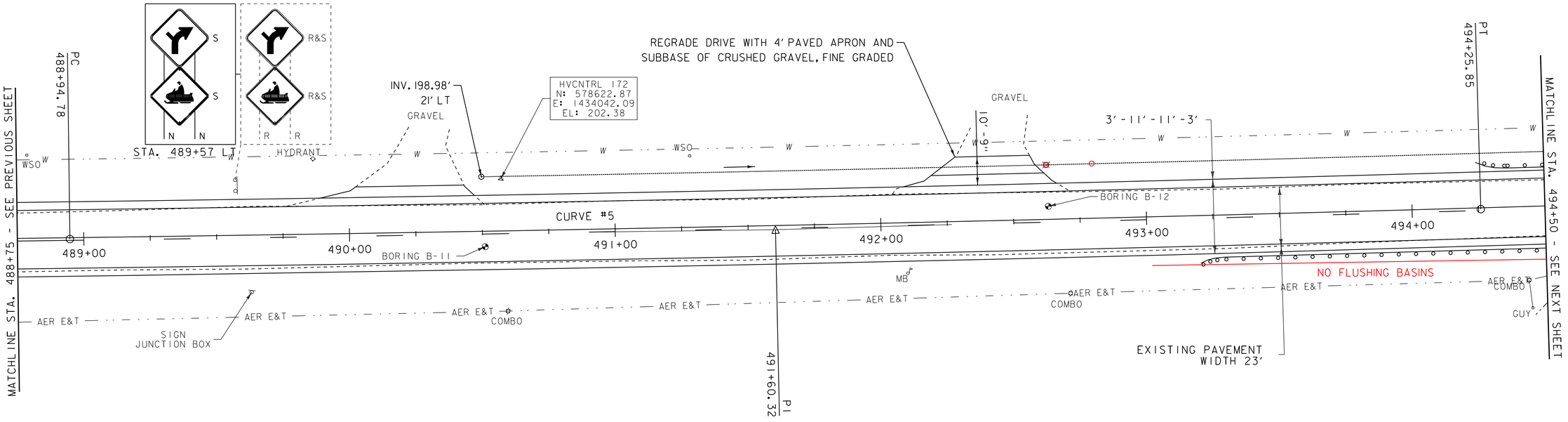
6 INCH UNDERDRAIN CARRIER PIPE
STA. 490+50 LT
STA. 492+62 LT

UNDERDRAIN FLUSHING BASIN
STA. 490+50 LT
~~STA. 492+62 LT~~
492+80 LT

6" UNDERDRAIN PIPE
493+00 - 494+50 RT

N

VT STATE PLANE GRID



CURVE #5
DELTA = 0°54'30"
D = 0°10'16"
R = 33500.00'
T = 265.54'
L = 531.08'
NORMAL CROWN

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
4.	STA. 493+50 - STA. 494+50	LT	EM - WET MEADOW
5.	STA. 494+00 - STA. 494+50	RT	EM - WET MEADOW

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 9

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_32.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 32 OF 186

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 494+50 - STA. ~~494+80.5 LT~~ 494+85.25
STA. 494+50 - STA. 494+63.75 RT
STA. 494+88.75 - STA. 495+45 RT
~~STA. 495+05.5 - STA. 496+49.25 LT~~ 495+10.25 - 496+54 RT

STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS
STA. 494+63.75 - STA. 494+88.75 RT
~~STA. 494+80.5 - STA. 495+05.5 LT~~ 494+85.25 - 495+10.25 LT

ANCHOR FOR STEEL BEAM RAIL
STA. 495+45 RT
~~STA. 496+49.25 LT~~ 496+54 LT

STONE FILL, TYPE I
STA. 494+75 - STA. 496+40 LT

GRUBBING MATERIAL
STA. 494+75 - STA. 496+40 LT

GEOTEXTILE FOR SILT FENCE
STA. 494+75 - STA. 496+40 LT

GEOTEXTILE UNDER STONE FILL
STA. 494+75 - STA. 496+40 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 494+50 - STA. 500+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 494+50 - STA. 500+25 (SOLID LT & RT)

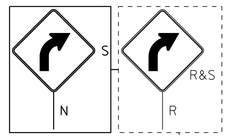
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 494+50 - STA. 497+50 (SOLID LT, DASHED RT)
STA. 497+50 - STA. 500+25 (DASHED)

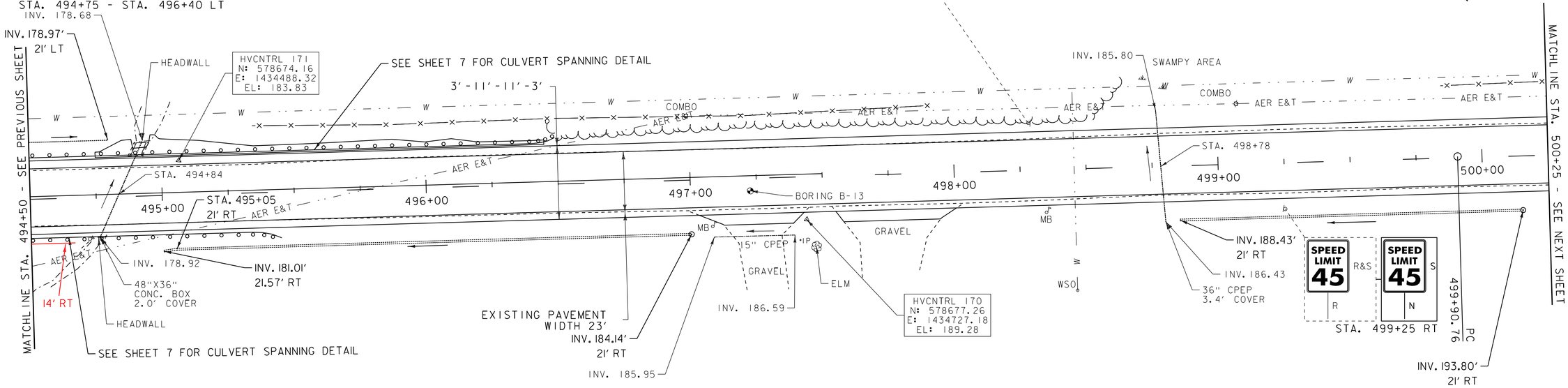
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 494+50 - STA. 497+50 (SOLID LT, DASHED RT)
STA. 497+50 - STA. 500+25 (DASHED)

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 2

STA. 498+29 LT





6 INCH UNDERDRAIN PIPE
STA. 494+50 - STA. 494+80 LT 494+90
STA. 495+00 - STA. 497+00 RT
STA. 498+85 - STA. 500+15 RT

6" UNDERDRAIN PIPE
494+50 - 494+70 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 497+00 RT
STA. 500+15 RT

UNDERDRAIN FLUSHING BASIN
STA. 497+00 RT
STA. 500+15 RT

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 497+08 RT
STA. 498+35 RT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
4.	STA. 494+50 - STA. 500+25	LT	EM - WET MEADOW
5.	STA. 494+50 - STA. 497+50	RT	EM - WET MEADOW
6.	STA. 494+75	-	WATERCOURSE

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 10

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_33.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 33 OF 186

STONE FILL, TYPE I
STA. 504+25 - STA. 505+50 LT

GRUBBING MATERIAL
STA. 504+25 - STA. 505+50 LT

GEOTEXTILE FOR SILT FENCE
STA. 504+25 - STA. 505+50 LT

GEOTEXTILE UNDER STONE FILL
STA. 504+25 - STA. 505+50 LT

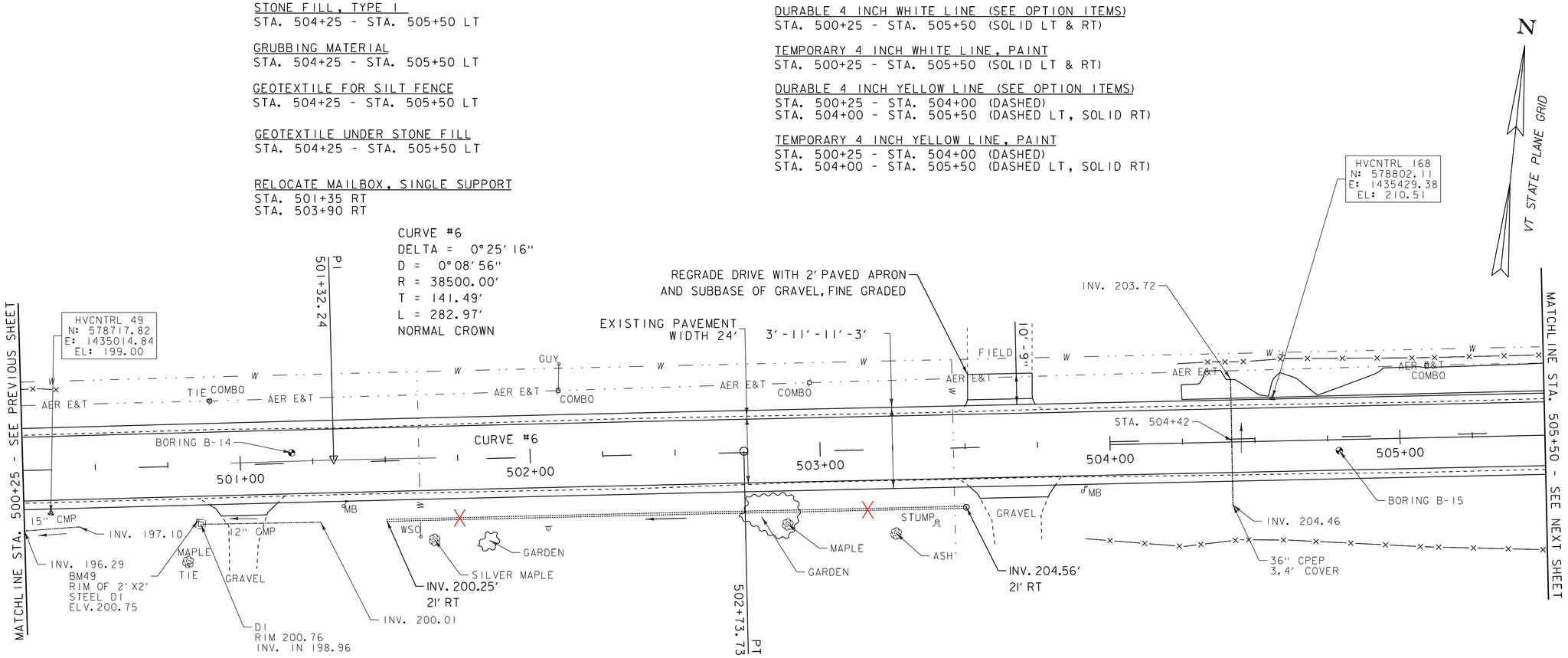
RELOCATE MAILBOX, SINGLE SUPPORT
STA. 501+35 RT
STA. 503+90 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 500+25 - STA. 505+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 500+25 - STA. 505+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 500+25 - STA. 504+00 (DASHED)
STA. 504+00 - STA. 505+50 (DASHED LT, SOLID RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 500+25 - STA. 504+00 (DASHED)
STA. 504+00 - STA. 505+50 (DASHED LT, SOLID RT)



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
4.	STA. 500+25 - STA. 503+50	LT	EM - WET MEADOW

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

6 INCH UNDERDRAIN PIPE
~~STA. 501+50 - STA. 503+50 RT~~

6 INCH UNDERDRAIN CARRIER PIPE
~~STA. 503+50 RT~~

UNDERDRAIN FLUSHING BASIN
~~STA. 503+50 RT~~

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 11

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_34.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 34 OF 186

STONE FILL, TYPE I
STA. 505+50 - STA. 506+25 LT

GRUBBING MATERIAL
STA. 505+50 - STA. 506+25 LT

GEOTEXTILE FOR SILT FENCE
STA. 505+50 - STA. 506+25 LT

GEOTEXTILE UNDER STONE FILL
STA. 505+50 - STA. 506+25 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 505+50 - STA. 511+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 505+50 - STA. 511+50 (SOLID LT & RT)

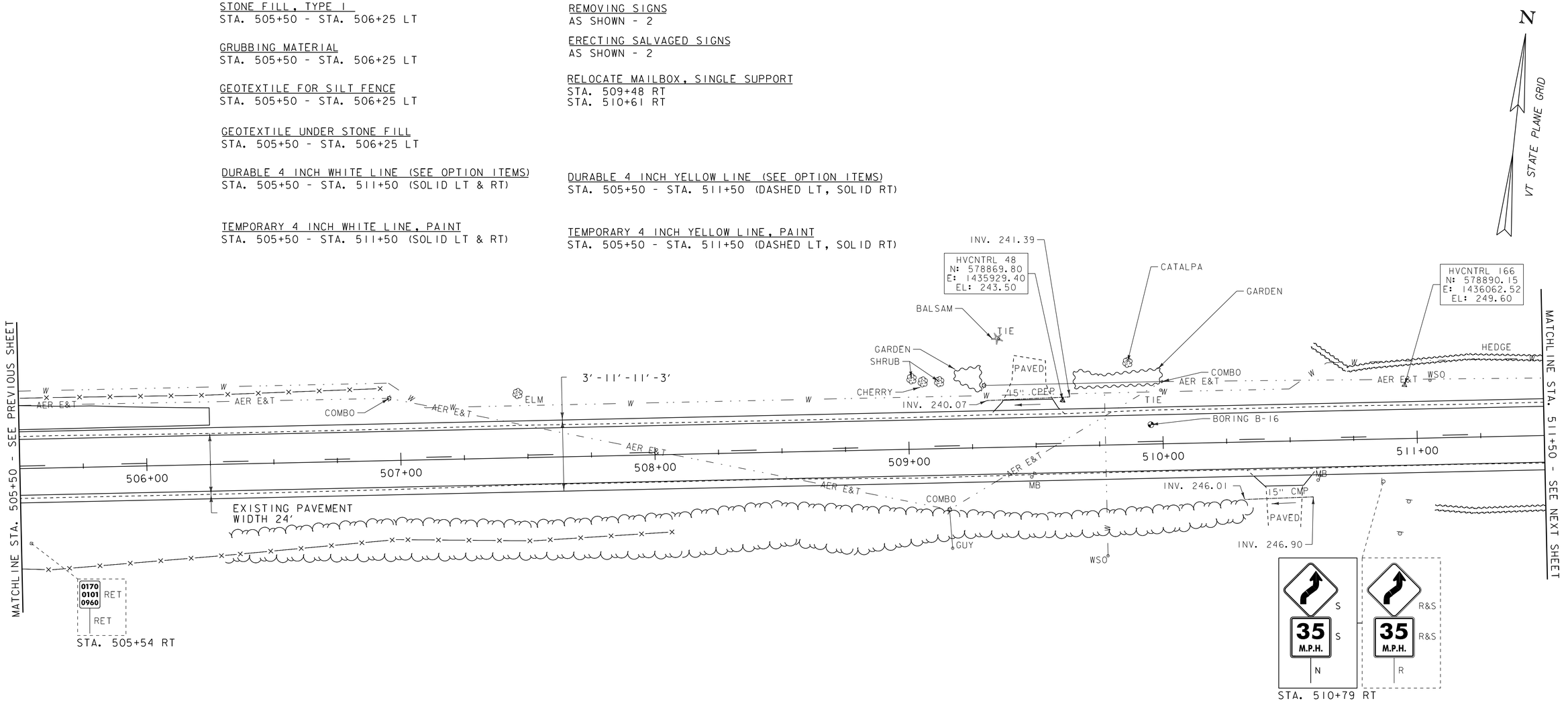
REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 2

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 509+48 RT
STA. 510+61 RT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 505+50 - STA. 511+50 (DASHED LT, SOLID RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 505+50 - STA. 511+50 (DASHED LT, SOLID RT)



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 12

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_35.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 35 OF 186

CURVE #7
DELTA = 53°27'54"
D = 8°40'52" (1) D = 12°11'26" (2)
R = 660.00' (1) R = 470.00' (2)
T = 281.10' (1) T = 244.78' (2)
L = 172.79' (1) L = 315.53' (2)
BANKING 0.08 FT/FT , 0.08 FT/FT
RUNOFF 180', 180' (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

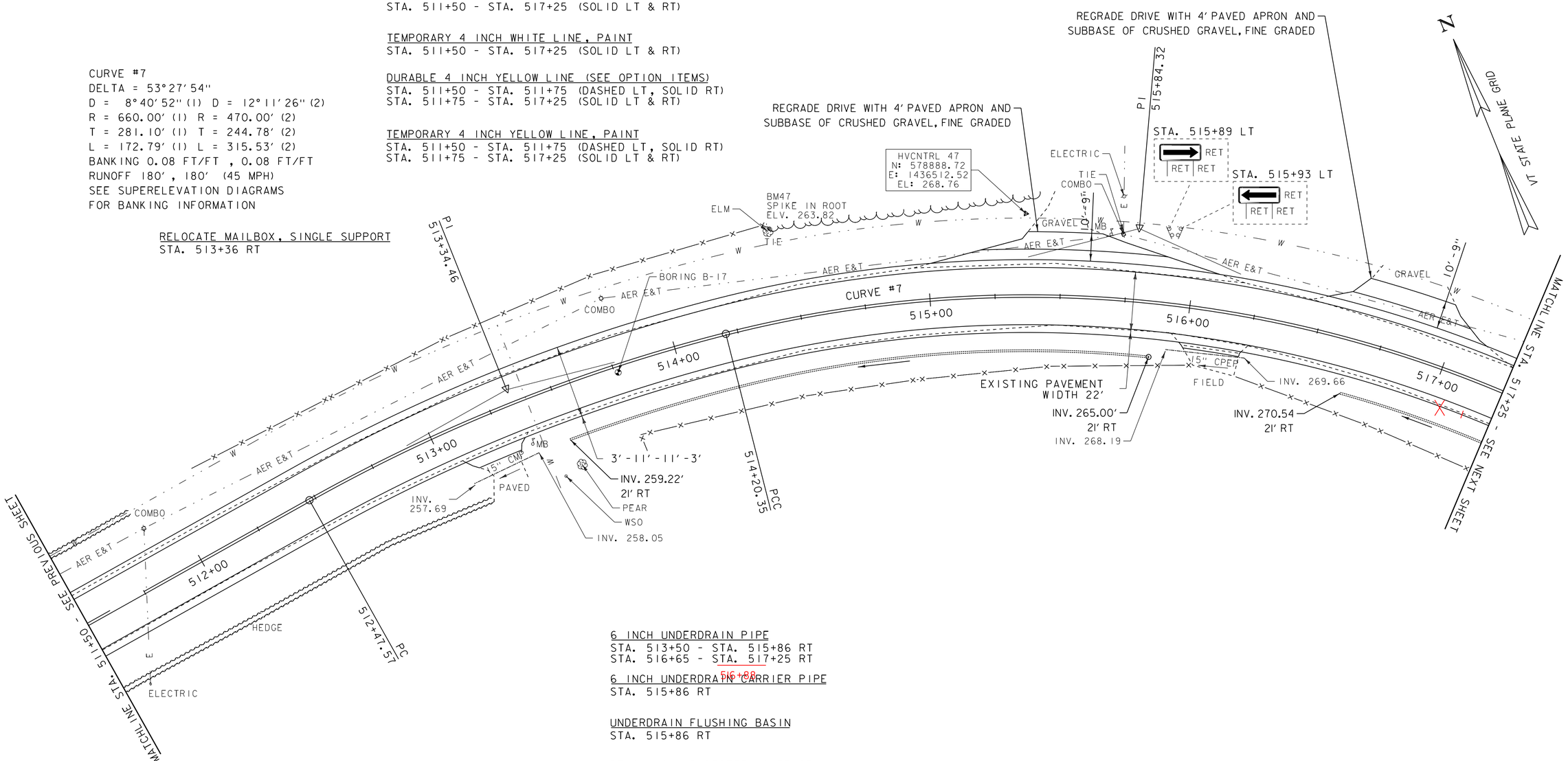
RELOCATE MAILBOX, SINGLE SUPPORT
STA. 513+36 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 511+50 - STA. 517+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 511+50 - STA. 517+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 511+50 - STA. 511+75 (DASHED LT, SOLID RT)
STA. 511+75 - STA. 517+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 511+50 - STA. 511+75 (DASHED LT, SOLID RT)
STA. 511+75 - STA. 517+25 (SOLID LT & RT)



6 INCH UNDERDRAIN PIPE
STA. 513+50 - STA. 515+86 RT
STA. 516+65 - STA. 517+25 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 515+86 RT

UNDERDRAIN FLUSHING BASIN
STA. 515+86 RT

REMOVING AND RESETTING FENCE
STA. 515+82 - STA. 516+04 RT

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 13

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_36.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 36 OF 186

STONE FILL, TYPE I
STA. 517+25 - STA. 518+25 LT
STA. 520+25 - STA. 521+25 LT
STA. 522+25 - STA. 522+75 LT

GRUBBING MATERIAL
STA. 517+25 - STA. 518+25 LT
STA. 520+25 - STA. 521+25 LT
STA. 522+25 - STA. 522+75 LT

GEOTEXTILE FOR SILT FENCE
STA. 517+25 - STA. 518+25 LT
STA. 520+25 - STA. 521+25 LT
STA. 522+25 - STA. 522+75 LT

GEOTEXTILE UNDER STONE FILL
STA. 517+25 - STA. 518+25 LT
STA. 520+25 - STA. 521+25 LT
STA. 522+25 - STA. 522+75 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 517+25 - STA. 522+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 517+25 - STA. 522+75 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 519+76.75 - STA. 521+20.5 RT
STA. 520+51.25 - STA. 521+07.5 LT
STA. 521+32.5 - STA. 522+75 LT
STA. 521+45.5 - STA. 522+01.75 RT

520+19 - 521+15.25 LT

STEEL BEAM GUARDRAIL 521+52.75 - 522+75 LT
GALVANIZED/NESTED W/8 FEET POSTS 520+19 - 520+75 RT
STA. 521+20.5 - STA. 521+45.5 RT
STA. 521+07.5 - STA. 521+32.5 LT

ANCHOR FOR STEEL BEAM RAIL
STA. 519+76.75 RT
STA. 520+51.25 LT 521+15.25 - 521+52.75 LT
STA. 522+01.75 RT

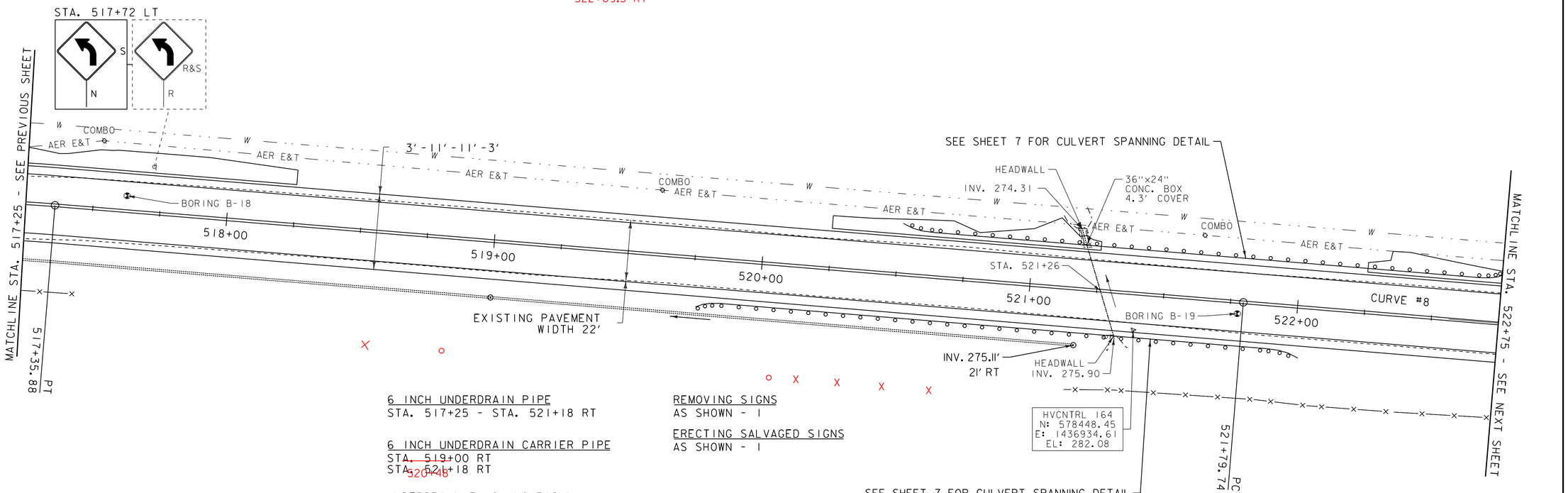
519+72 RT
520+59 LT
522+09.5 RT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 517+25 - STA. 522+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 517+25 - STA. 522+75 (SOLID LT & RT)

CURVE #8
DELTA = 0°17'34"
D = 0°08'36"
R = 40000.00'
T = 102.23'
L = 204.46'
NORMAL CROWN

N
VT STATE PLANE GRID



6 INCH UNDERDRAIN PIPE
STA. 517+25 - STA. 521+18 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 519+00 RT
STA. 521+18 RT
520+48

UNDERDRAIN FLUSHING BASIN
STA. 519+00 RT
STA. 521+18 RT

520+48 RT
519+28 RT

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 14

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_37.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 37 OF 186

6 INCH UNDERDRAIN PIPE
STA. 523+00 - STA. ~~527+50~~ LT 526+99

6 INCH UNDERDRAIN CARRIER PIPE
STA. ~~525+00~~ LT 526+99 LT
STA. ~~527+50~~ LT 526+03 LT

UNDERDRAIN FLUSHING BASIN
STA. 525+00 LT
STA. 527+50 LT

REMOVING AND RESETTING FENCE
STA. 522+96 - STA. 524+05 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 522+75 - STA. 528+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 522+75 - STA. 528+50 (SOLID LT & RT)

STONE FILL, TYPE I
STA. 528+25 - STA. 528+50 LT

GRUBBING MATERIAL
STA. 528+25 - STA. 528+50 LT

GEOTEXTILE FOR SILT FENCE
STA. 528+25 - STA. 528+50 LT

GEOTEXTILE UNDER STONE FILL
STA. 528+25 - STA. 528+50 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 522+75 - ~~STA. 522+76.25 LT~~ 522+96.5 LT
STA. ~~528+25~~ - STA. 528+50 LT
528+27

ANCHOR FOR STEEL BEAM RAIL
~~STA. 522+76.25 LT~~ 522+96 LT
~~STA. 528+25 LT~~ 528+27 LT

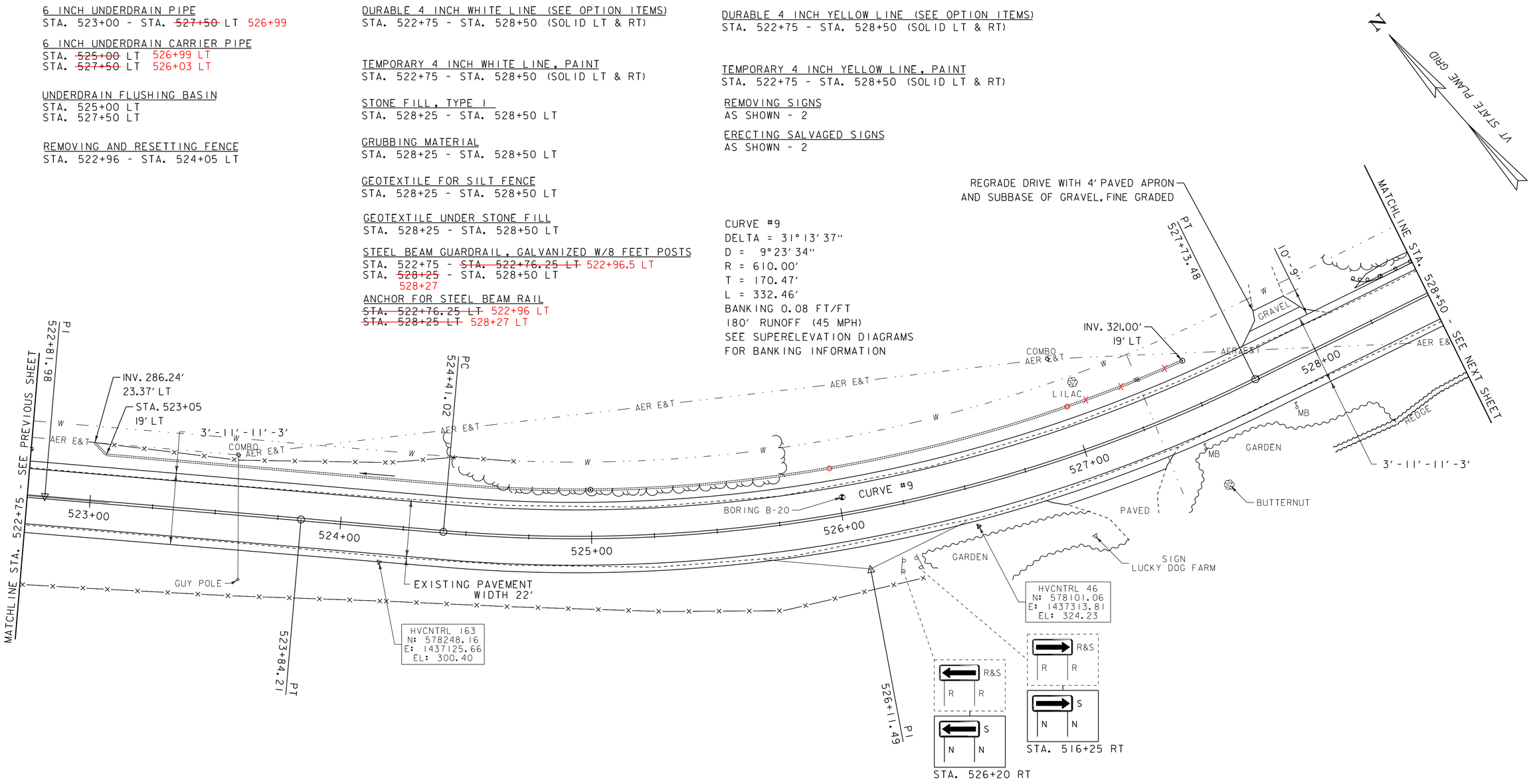
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 522+75 - STA. 528+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 522+75 - STA. 528+50 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 2

CURVE #9
DELTA = 31°13'37"
D = 9°23'34"
R = 610.00'
T = 170.47'
L = 332.46'
BANKING 0.08 FT/FT
180' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 15

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_38.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 38 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 528+50 - STA. 534+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 528+50 - STA. 534+25 (SOLID LT & RT)

STONE FILL, TYPE I
STA. 528+50 - STA. 531+00 LT

GRUBBING MATERIAL
STA. 528+50 - STA. 531+00 LT

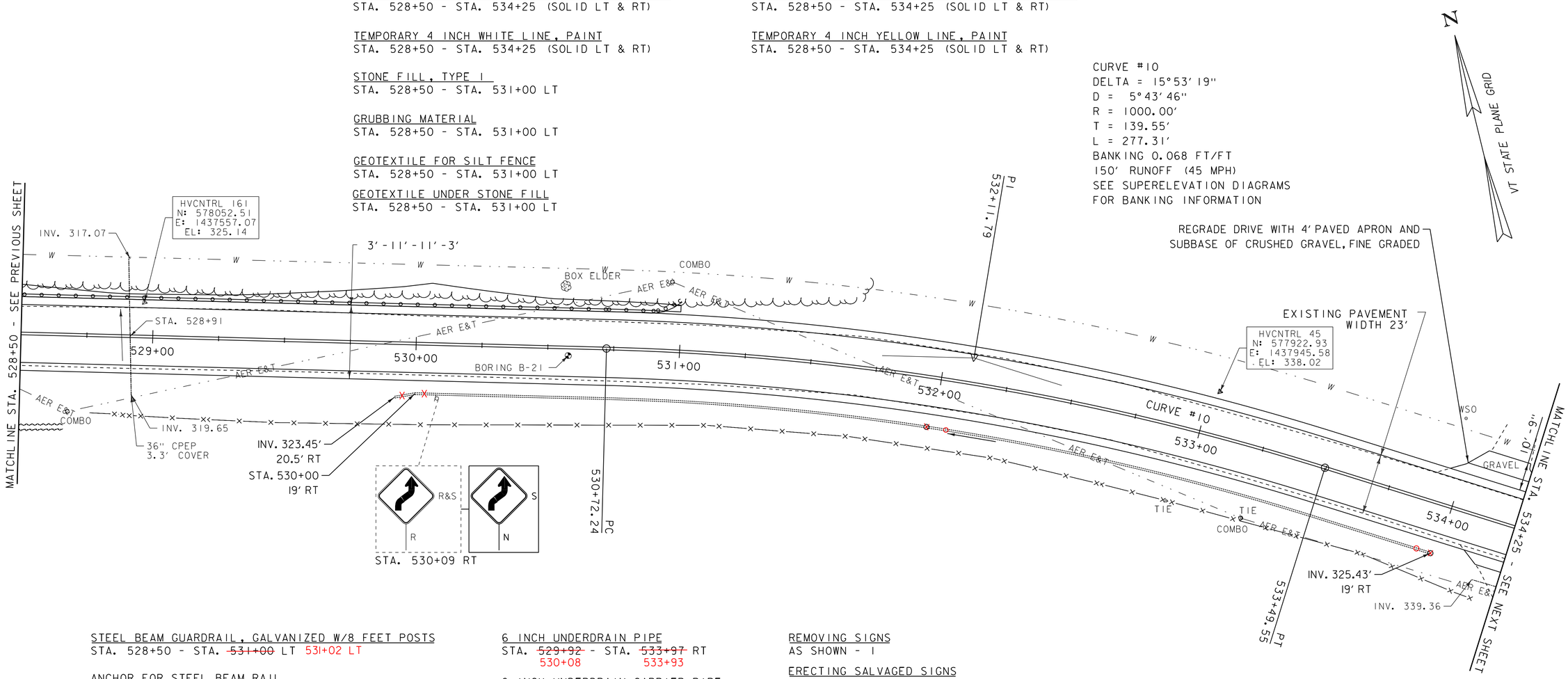
GEOTEXTILE FOR SILT FENCE
STA. 528+50 - STA. 531+00 LT

GEOTEXTILE UNDER STONE FILL
STA. 528+50 - STA. 531+00 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 528+50 - STA. 534+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 528+50 - STA. 534+25 (SOLID LT & RT)

CURVE #10
DELTA = 15°53'19"
D = 5°43'46"
R = 1000.00'
T = 139.55'
L = 277.31'
BANKING 0.068 FT/FT
150' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 528+50 - STA. ~~531+00~~ LT 531+02 LT

ANCHOR FOR STEEL BEAM RAIL
STA. ~~531+00~~ LT
531+02

6 INCH UNDERDRAIN PIPE
STA. ~~529+92~~ - STA. ~~533+97~~ RT
530+08 533+93

6 INCH UNDERDRAIN CARRIER PIPE
STA. 531+97 RT
STA. 533+97 RT

UNDERDRAIN FLUSHING BASIN
STA. ~~531+97~~ RT 532+08
STA. ~~533+97~~ RT 533+95

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 16

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_39.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 39 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 534+25 - STA. 540+25 (SOLID LT & RT)

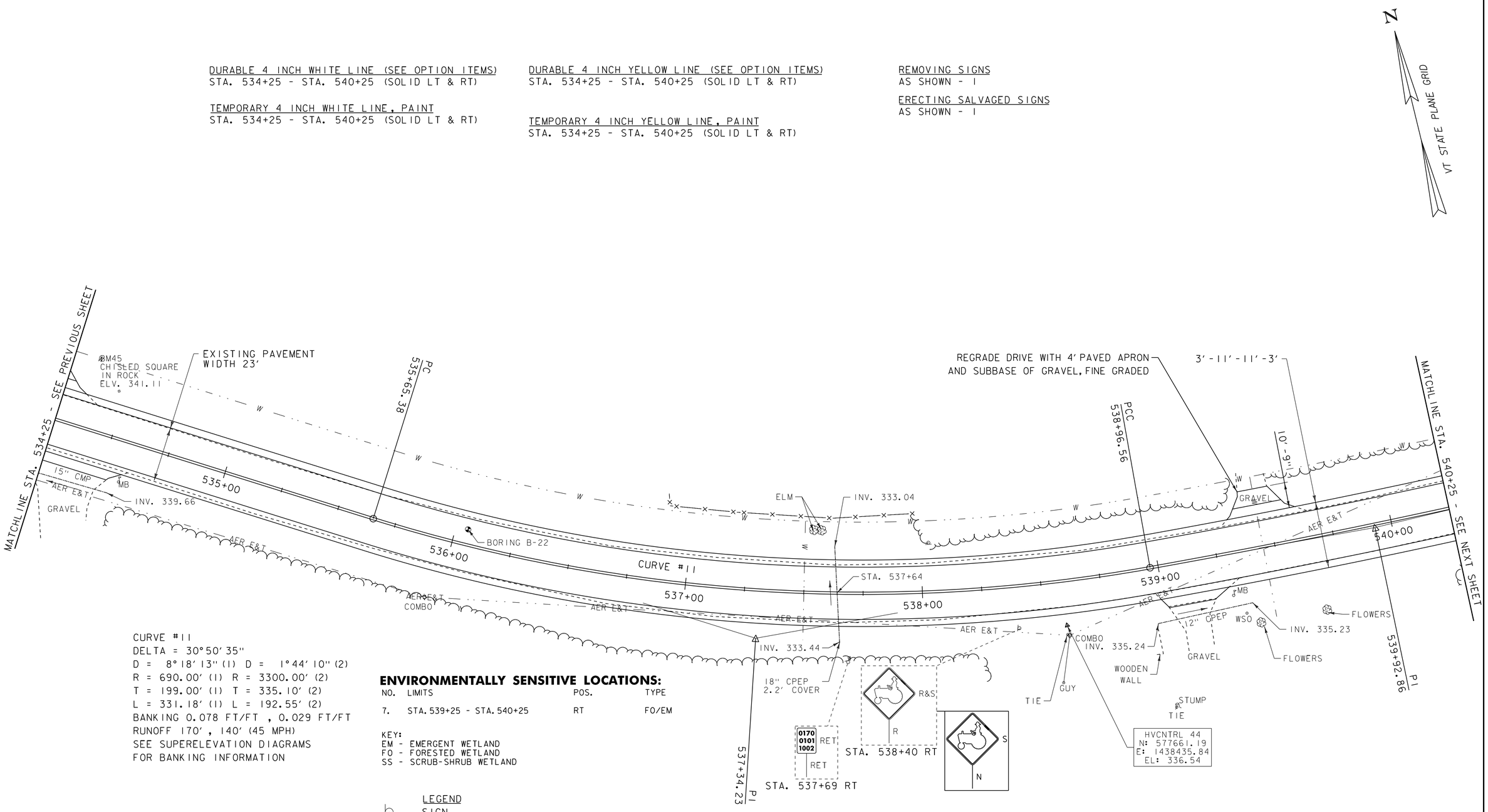
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 534+25 - STA. 540+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 534+25 - STA. 540+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 534+25 - STA. 540+25 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1



CURVE #11
DELTA = 30°50'35"
D = 8°18'13" (1) D = 1°44'10" (2)
R = 690.00' (1) R = 3300.00' (2)
T = 199.00' (1) T = 335.10' (2)
L = 331.18' (1) L = 192.55' (2)
BANKING 0.078 FT/FT , 0.029 FT/FT
RUNOFF 170' , 140' (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
7.	STA. 539+25 - STA. 540+25	RT	FO/EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 17

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_40.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 40 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 540+25 - STA. 545+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 540+25 - STA. 545+75 (SOLID LT & RT)

STONE FILL, TYPE I
STA. 543+25 - STA. 543+75 LT

GRUBBING MATERIAL
STA. 543+25 - STA. 543+75 LT

GEOTEXTILE FOR SILT FENCE
STA. 543+25 - STA. 543+75 LT

GEOTEXTILE UNDER STONE FILL
STA. 543+25 - STA. 543+75 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 540+25 - STA. 545+75 (SOLID LT & RT)

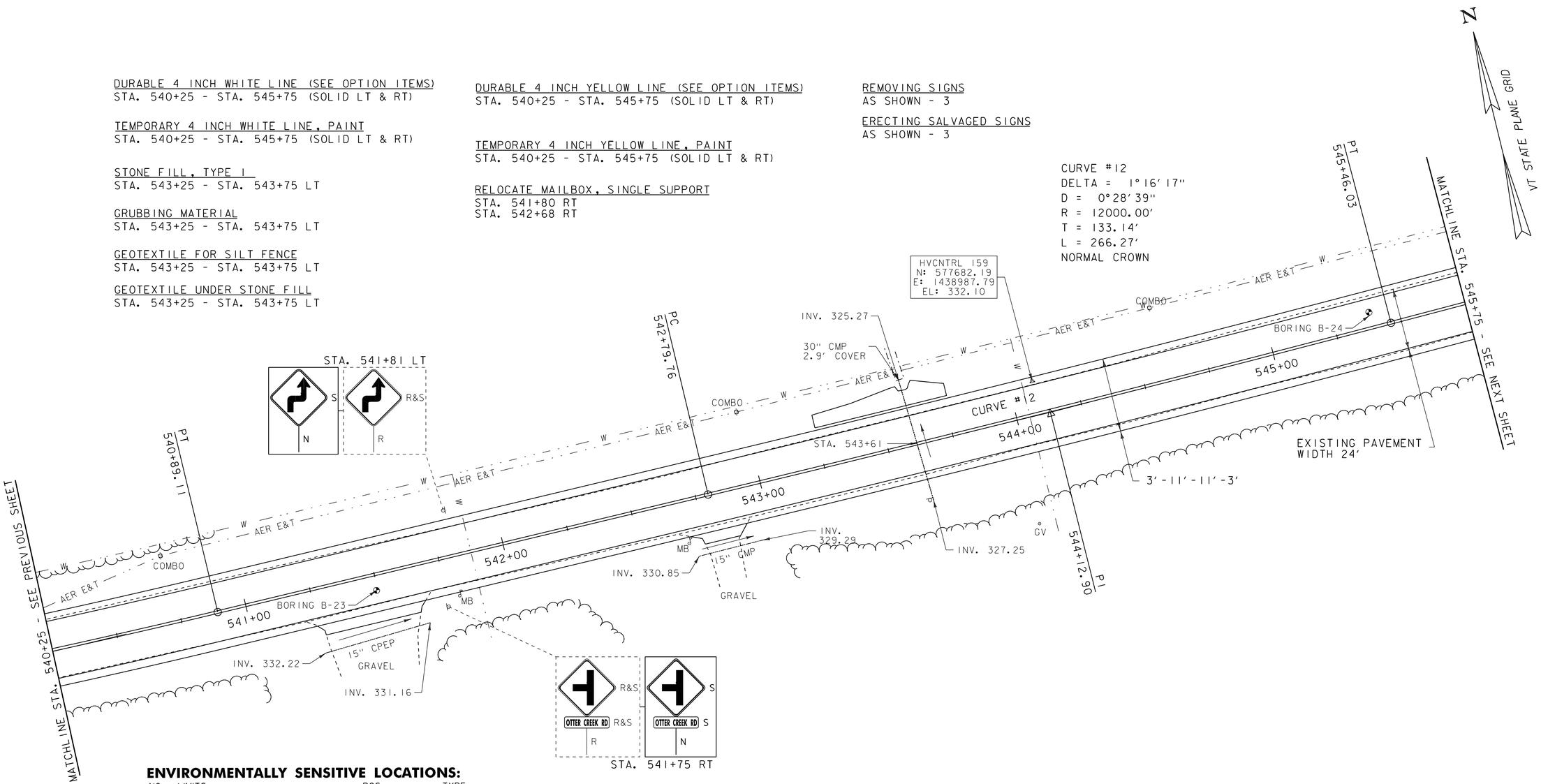
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 540+25 - STA. 545+75 (SOLID LT & RT)

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 541+80 RT
STA. 542+68 RT

REMOVING SIGNS
AS SHOWN - 3

ERECTING SALVAGED SIGNS
AS SHOWN - 3

CURVE #12
DELTA = 1°16'17"
D = 0°28'39"
R = 12000.00'
T = 133.14'
L = 266.27'
NORMAL CROWN



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
7.	STA. 540+25 - STA. 541+25	RT	FO/EM
8.	STA. 541+75 - STA. 542+75	RT	FO/EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 18

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_41.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 41 OF 186

N

VT STATE PLANE GRID

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 545+75 - STA. 551+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #6)
STA. 547+90 LT (EDGELINES TH #6)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 545+75 - STA. 551+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #6)
STA. 547+90 LT (EDGELINES TH #6)

6 INCH UNDERDRAIN PIPE
STA. ~~550+00~~ - STA. 551+75 RT
549+40

6 INCH UNDERDRAIN CARRIER PIPE
STA. 550+00 RT

UNDERDRAIN FLUSHING BASIN
STA. ~~550+00~~ RT
549+40 RT

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 548+73 RT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 545+75 - STA. 551+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #6)
STA. 547+90 LT (CENTERLINE TH #6)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 545+75 - STA. 551+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #6)
STA. 547+90 LT (CENTERLINE TH #6)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. 547+59 - STA. 547+91 LT (TH #6)

DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. 547+83 LT "STOP" (TH #6)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 547+59 - STA. 547+91 LT (TH #6)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 547+83 LT "STOP" (TH #6)

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1

STA. 547+71 LT
STOP RET
0170 0101 1040 RET
RET

STA. 547+65 LT
OTTER CREEK RD RET
RET

OTTER CREEK RD
TH #6
MM 10.380
STA. 547+90

MATCHLINE STA. 545+75 - SEE PREVIOUS SHEET

546+00 547+00 548+00 549+00 550+00 551+00

PC 547+47.85

PT 550+69.47

MATCHLINE STA. 551+75 - SEE NEXT SHEET

GUY
COMBO
AER E&T
W
PAVED
LILAC
39'-0"
R 55'-0"
R 45'-0"
GRAVEL
CHESNUT
STOP
CURVE #13
CHESTNUT
CHESTNUT
10'-6"
GRAVEL
SHRUB
REGRADE DRIVE WITH 4' PAVED APRON
AND SUBBASE OF GRAVEL, FINE GRADED
HVCNTRL 157
N: 577744.24
E: 1439666.00
EL: 327.83
BORING B-25
STA. 551+00
21' RT
3'-11'-11'-3'
SWEEP UNDERDRAIN AROUND
COMBO POLE WITH
MINIMUM 4 FT CLEARANCE
EXISTING PAVEMENT
WIDTH 23'
STA. 550+25
21' RT
INV. 327.52'
21' RT
GAS
TIE
GUY
COMBO
AER E&T
INV. 332.11
VALLEY VIEW DR RET
RET
STA. 548+21 RT
HVCNTRL 43
N: 577659.35
E: 1439406.07
EL: 336.93
18" CPEP
MB
INV. 332.87
10'-6"
GRAVEL
VALLEY VIEW DR PVT
BM43
SPIKE IN ROOT
ELV. 338.43
BIRCH
REGRADE DRIVE WITH 4' PAVED APRON
AND SUBBASE OF GRAVEL, FINE GRADED
549+09.63 PI
PAVED
SPEED LIMIT 45 R&S R
SPEED LIMIT 45 S N
STA. 549+13 RT

CURVE #13
DELTA = 15°21'22"
D = 4°46'29"
R = 1200.00'
T = 161.78'
L = 321.62'
BANKING 0.062 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 19

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_42.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 42 OF 186

STONE FILL, TYPE I
STA. 553+75 - STA. 557+50 LT

GRUBBING MATERIAL
STA. 553+75 - STA. 557+50 LT

GEOTEXTILE FOR SILT FENCE
STA. 553+75 - STA. 557+50 LT

GEOTEXTILE UNDER STONE FILL
STA. 553+75 - STA. 557+50 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 551+75 - STA. 557+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 551+75 - STA. 557+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 551+75 - STA. 557+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 551+75 - STA. 557+50 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 2

6 INCH UNDERDRAIN PIPE
STA. 551+75 - STA. 557+50 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 553+00 RT
STA. 556+00 RT

UNDERDRAIN FLUSHING BASIN
STA. ~~553+00~~ RT 553+60 RT
STA. ~~556+00~~ RT 557+00 RT

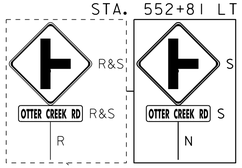
STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. ~~555+00~~ 557+15 - STA. 557+50 RT

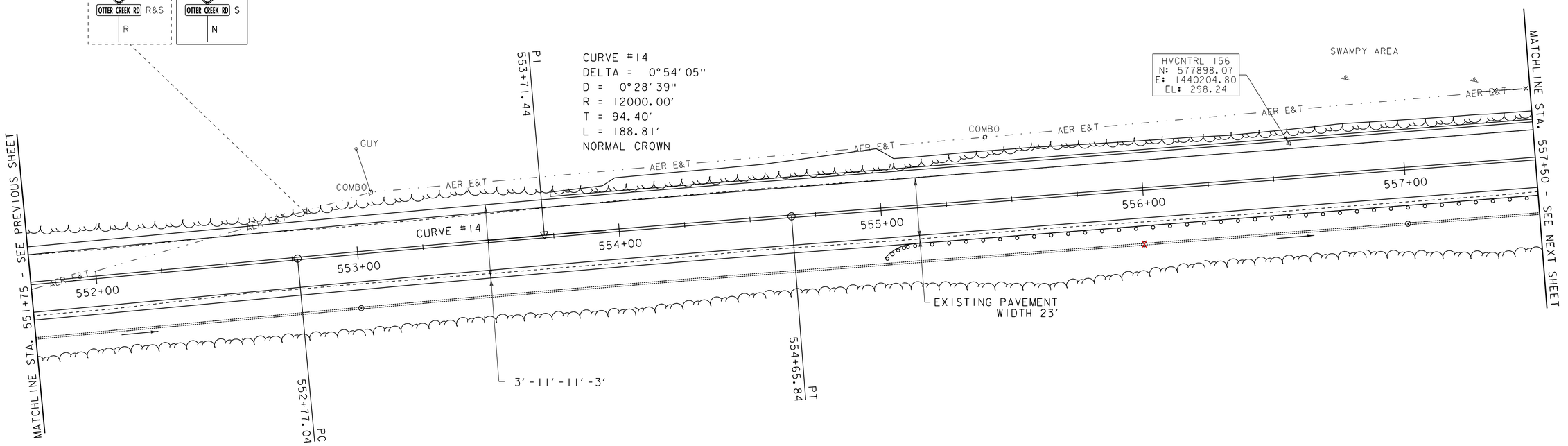
ANCHOR FOR STEEL BEAM RAIL
STA. ~~555+00~~ 557+15 RT

N

VT STATE PLANE GRID

STA. 552+81 LT





ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
9.	STA. 554+00 - STA. 557+50	LT	EM - WET MEADOW

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 20

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_43.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 43 OF 186

STONE FILL, TYPE I
STA. 557+50 - STA. 563+25 LT

GRUBBING MATERIAL
STA. 557+50 - STA. 563+25 LT

GEOTEXTILE FOR SILT FENCE
STA. 557+50 - STA. 563+25 LT

GEOTEXTILE UNDER STONE FILL
STA. 557+50 - STA. 563+25 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 557+50 - STA. 563+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 557+50 - STA. 563+25 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 2

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 557+50 - STA. 563+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 557+50 - STA. 563+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. 557+50 - STA. ~~558+75~~ RT 558+76
STA. 559+50 - STA. 563+25 RT

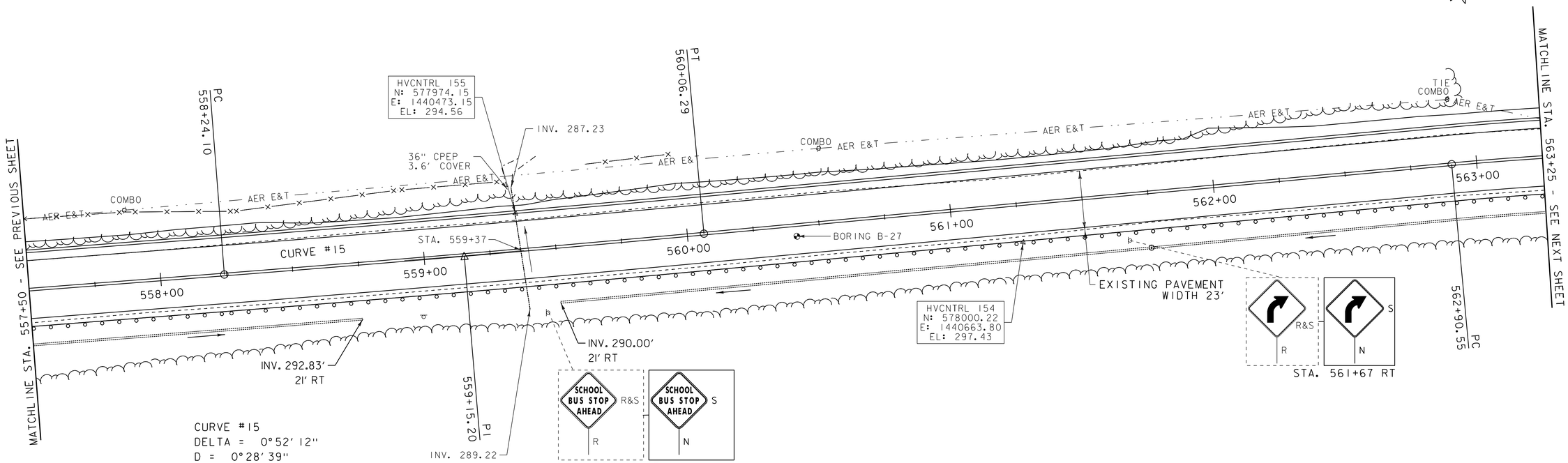
6 INCH UNDERDRAIN CARRIER PIPE
STA. 561+75 RT

UNDERDRAIN FLUSHING BASIN
STA. 561+75 RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 557+50 - STA. ~~563+25 RT~~
560+65 RT

ANCHOR FOR STEEL BEAM RAIL
STA 560+65 RT

N
VT STATE PLANE GRID



CURVE #15
DELTA = 0°52'12"
D = 0°28'39"
R = 12000.00'
T = 91.10'
L = 182.20'
REVERSE CROWN
125' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
9.	STA. 557+50 - STA. 561+50	LT	EM - WET MEADOW
10.	STA. 558+75 - STA. 560+50	RT	EM - WET MEADOW

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 21

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_44.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 563+25 - STA. 569+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 563+25 - STA. 569+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 563+25 - STA. 569+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 563+25 - STA. 569+25 (SOLID LT & RT)

STONE FILL, TYPE I
STA. 563+25 - STA. 563+93 LT

GRUBBING MATERIAL
STA. 563+25 - STA. 563+93 LT

GEOTEXTILE FOR SILT FENCE
STA. 563+25 - STA. 563+93 LT

GEOTEXTILE UNDER STONE FILL
STA. 563+25 - STA. 563+93 LT

6 INCH UNDERDRAIN PIPE
STA. 563+25 - STA. ~~564+00~~ RT 563+90
564+30 STA. ~~564+25~~ - STA. 569+25 RT
566+21 STA. ~~566+25~~ - STA. ~~568+95~~ LT 569+25

6 INCH UNDERDRAIN CARRIER PIPE
STA. 564+00 RT STA. 566+25 LT
STA. 564+25 RT STA. 567+25 RT

UNDERDRAIN FLUSHING BASIN
563+90 RT 564+30 RT
STA. ~~564+00 RT~~ STA. ~~564+25 RT~~ STA. ~~566+25 LT~~ ~~567+25 RT~~ 566+21LT

~~STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS~~
~~STA. 563+25 - STA. 563+50 RT~~

~~ANCHOR FOR STEEL BEAM RAIL~~
~~STA. 563+50 RT~~

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1

N
VT STATE PLANE GRID

REGRADE DRIVE WITH 4' PAVED APRON AND SUBBASE OF GRAVEL, FINE GRADED

MATCHLINE STA. 563+25 - SEE PREVIOUS SHEET

HVCNTRL 42
N: 578109.56
E: 1440898.24
EL: 310.49

PI 564+24.38

3'-11'-11'-3'

GRAVEL

10'-6"

BM42
SPIKE IN ROOT
ELV. 304.73

MAPLE

TIE

SPRUCE

CEDAR

STA. 565+38 LT

R&S

R

S

N

WSO

SHRUB

PAVED

MB

INV. 291.33'
20' LT

CEDAR

GARDEN

3'-11'-11'-3'

STA. 568+85 LT
0170 0101 1080 RET
RET

INV. 270.30

INV. 271.00'
20' LT

HVCNTRL 152
N: 578141.44
E: 1441400.58
EL: 274.88

GRAVEL

MB

AER E&T

CURVE #16

BORING B-28

564+00

565+00

566+00

567+00

568+00

569+00

COMBO

INV. 303.59'
21' RT

INV. 303.04'
21' RT

STA. 565+00
21' RT

SWEEP UNDERDRAIN AROUND COMBO POLE WITH MINIMUM 4 FT CLEARANCE

PT 565+57.12

EXISTING PAVEMENT WIDTH 23'

STA. 565+75
21' RT

STA. 567+50
21' RT

STA. 568+25
21' RT

SWEEP UNDERDRAIN AROUND COMBO POLE WITH MINIMUM 4 FT CLEARANCE

MATCHLINE STA. 569+25 - SEE NEXT SHEET

CURVE #16
DELTA = 12°43'40"
D = 4°46'29"
R = 1200.00'
T = 133.84'
L = 266.57'
BANKING 0.062 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 22

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_45.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 45 OF 186

6 INCH UNDERDRAIN PIPE
STA. 569+25 - STA. ~~572+50 RT~~ 572+65
569+25 STA. ~~569+50~~ - STA. ~~573+15 LT~~ 573+35
STA. ~~573+50~~ STA. ~~574+75 LT~~

6 INCH UNDERDRAIN CARRIER PIPE
STA. 569+50 LT STA. 573+50 LT
STA. 570+00 RT

UNDERDRAIN FLUSHING BASIN
STA. ~~569+50~~ LT STA. ~~573+50~~ LT
STA. ~~570+00~~ RT 570+10 RT
569+95 LT

STONE FILL, TYPE I
STA. 572+75 - STA. 574+75 RT

GRUBBING MATERIAL
STA. 572+75 - STA. 574+75 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 569+25 - STA. 574+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 569+25 - STA. 574+75 (SOLID LT & RT)

GEOTEXTILE FOR SILT FENCE
STA. 572+75 - STA. 574+75 RT

GEOTEXTILE UNDER STONE FILL
STA. 572+75 - STA. 574+75 RT

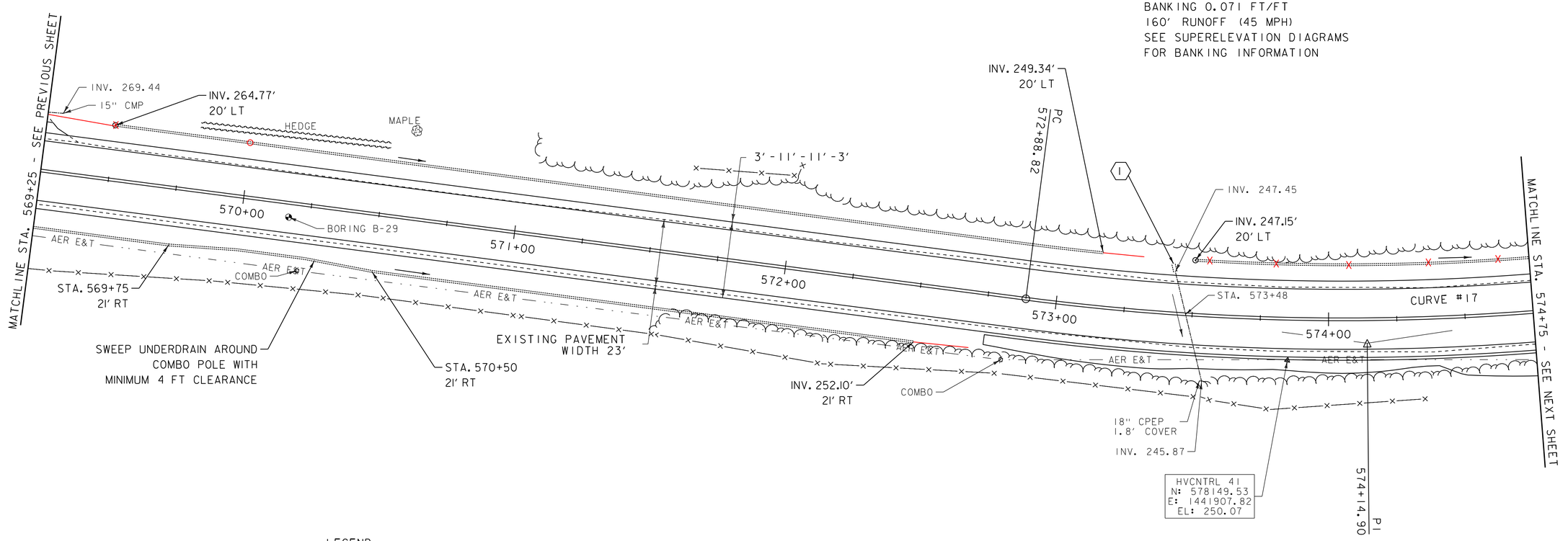
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 569+25 - STA. 574+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 569+25 - STA. 574+75 (SOLID LT & RT)

N
VT STATE PLANE GRID

(1) STA. 573+41.84 LT 18.24' TO
STA. 573+42.79 LT 15.29'
EXTEND 18" CPEP (3'-0")
PROPOSED INV. IN = 247.57'
EXISTING INV. IN = 247.45'

CURVE #17
DELTA = 15°56'53"
D = 6°21'58"
R = 900.00'
T = 126.07'
L = 250.51'
BANKING 0.071 FT/FT
160' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 23

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_46.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 46 OF 186

6 INCH UNDERDRAIN PIPE
575+68 STA. ~~574+75~~ - STA. ~~578+00~~ LT 578+08
STA. 579+50 - STA. 579+75 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 575+75 LT
STA. 579+50 LT

UNDERDRAIN FLUSHING BASIN
STA. ~~575+75 LT~~ 575+68 LT
STA. 579+50 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 574+75 - STA. 579+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 574+75 - STA. 579+75 (SOLID LT & RT)

STONE FILL, TYPE I
STA. 574+75 - STA. 576+75 RT
STA. 577+75 - STA. 578+18 LT
STA. 578+36 - STA. 578+75 LT

GRUBBING MATERIAL
STA. 574+75 - STA. 576+75 RT
STA. 577+75 - STA. 578+18 LT
STA. 578+36 - STA. 578+75 LT

GEOTEXTILE FOR SILT FENCE
STA. 574+75 - STA. 576+75 RT
STA. 577+75 - STA. 578+18 LT
STA. 578+36 - STA. 578+75 LT

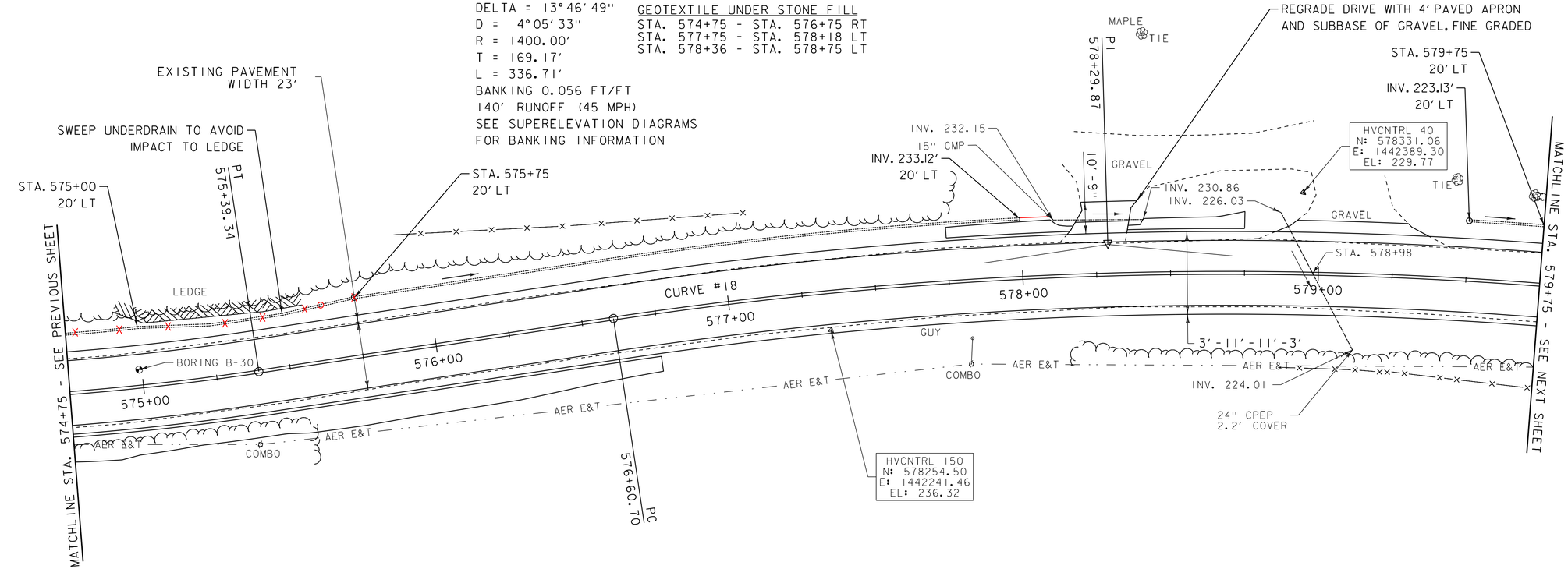
GEOTEXTILE UNDER STONE FILL
STA. 574+75 - STA. 576+75 RT
STA. 577+75 - STA. 578+18 LT
STA. 578+36 - STA. 578+75 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 574+75 - STA. 579+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 574+75 - STA. 579+75 (SOLID LT & RT)

N
VT STATE PLANE GRID

CURVE #18
DELTA = 13°46'49"
D = 4°05'33"
R = 1400.00'
T = 169.17'
L = 336.71'
BANKING 0.056 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
11.	STA. 572+88 - STA. 579+75	RT	EM/SS

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 24

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_47.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD

6 INCH UNDERDRAIN PIPE
STA. 579+75 - STA. ~~582+25 LT~~ 585+10
~~STA. 583+75 - STA. 585+00 LT~~

6" UNDERDRAIN PIPE
585+66 - 585+75 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 583+75 LT

UNDERDRAIN FLUSHING BASIN
STA. ~~583+75 LT~~
582+30 LT
585+66 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 579+75 - STA. 585+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 579+75 - STA. 585+75 (SOLID LT & RT)

STONE FILL, TYPE I
STA. 582+25 - STA. 582+58 LT

GRUBBING MATERIAL
STA. 582+25 - STA. 582+58 LT

GEOTEXTILE UNDER STONE FILL
STA. 582+25 - STA. 582+58 LT

GEOTEXTILE FOR SILT FENCE
STA. 582+25 - STA. 582+58 LT

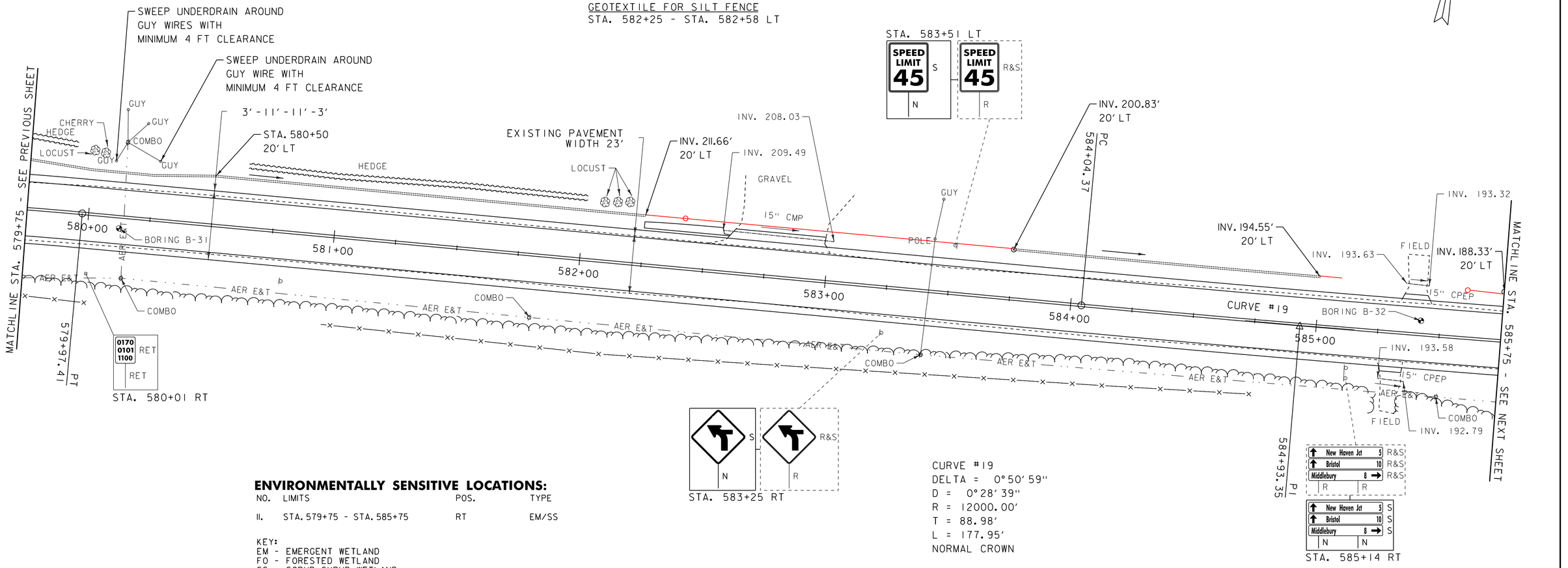
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 579+75 - STA. 585+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 579+75 - STA. 585+75 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 5

ERECTING SALVAGED SIGNS
AS SHOWN - 5

N
VT STATE PLANE GRID



CURVE #19
DELTA = 0°50'59"
D = 0°28'39"
R = 12000.00'
T = 88.98'
L = 177.95'
NORMAL CROWN

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
11.	STA. 579+75 - STA. 585+75	RT	EM/SS

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 25

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_48.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 48 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. 585+75 - STA. 587+92.19 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #1)
STA. a 0+00 - STA. a 3+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #1)
STA. a 0+36 RT (EDGELINES TH #1)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 585+75 - STA. 587+92.19 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #1)
STA. a 0+00 - STA. a 3+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #1)
STA. a 0+36 RT (EDGELINES TH #1)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. a 0+35 - STA. a 0+65 RT (TH #1)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. a 0+44 RT "STOP" (TH #1)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. 585+75 - STA. 587+92.19 (SOLID LT & RT)
STA. a 0+00 - STA. a 3+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #1)
STA. a 0+36 RT (CENTERLINE TH #1)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 585+75 - STA. 587+92.19 (SOLID LT & RT)
STA. a 0+00 - STA. a 3+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #1)
STA. a 0+36 RT (CENTERLINE TH #1)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. a 0+35 - STA. a 0+65 RT (TH #1)

DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. a 0+44 RT "STOP" (TH #1)

TOWN LINE

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
11.	STA. 585+75 - STA. 587+92	RT	EM/SS

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

ADDISON
WEYBRIDGE

CURVE #20
DELTA = 6°31'55"
D = 8°25'33"
R = 680.00'
T = 38.80'
L = 77.52'
BANKING 0.078 FT/FT
170' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

6 INCH UNDERDRAIN PIPE
STA. 585+75 - STA. a ~~3+00~~ 3+05 LT

6" UNDERDRAIN PIPE
586+60 - 587+50 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. 585+75 LT
STA. a 0+25 LT

UNDERDRAIN FLUSHING BASIN
STA. ~~585+75 LT~~
STA. ~~a 0+25 LT~~
A 0+17 LT

REMOVING SIGNS
AS SHOWN - 31

ERECTING SALVAGED SIGNS
AS SHOWN - 11

N
VT STATE PLANE GRID

STA. a 1+45 LT

STA. 586+93 LT

STA. a 0+45 LT

STA. 587+81 RT

STA. a 3+46 RT

STA. a 1+03 RT

STA. a 1+79 RT

STA. 587+13 RT

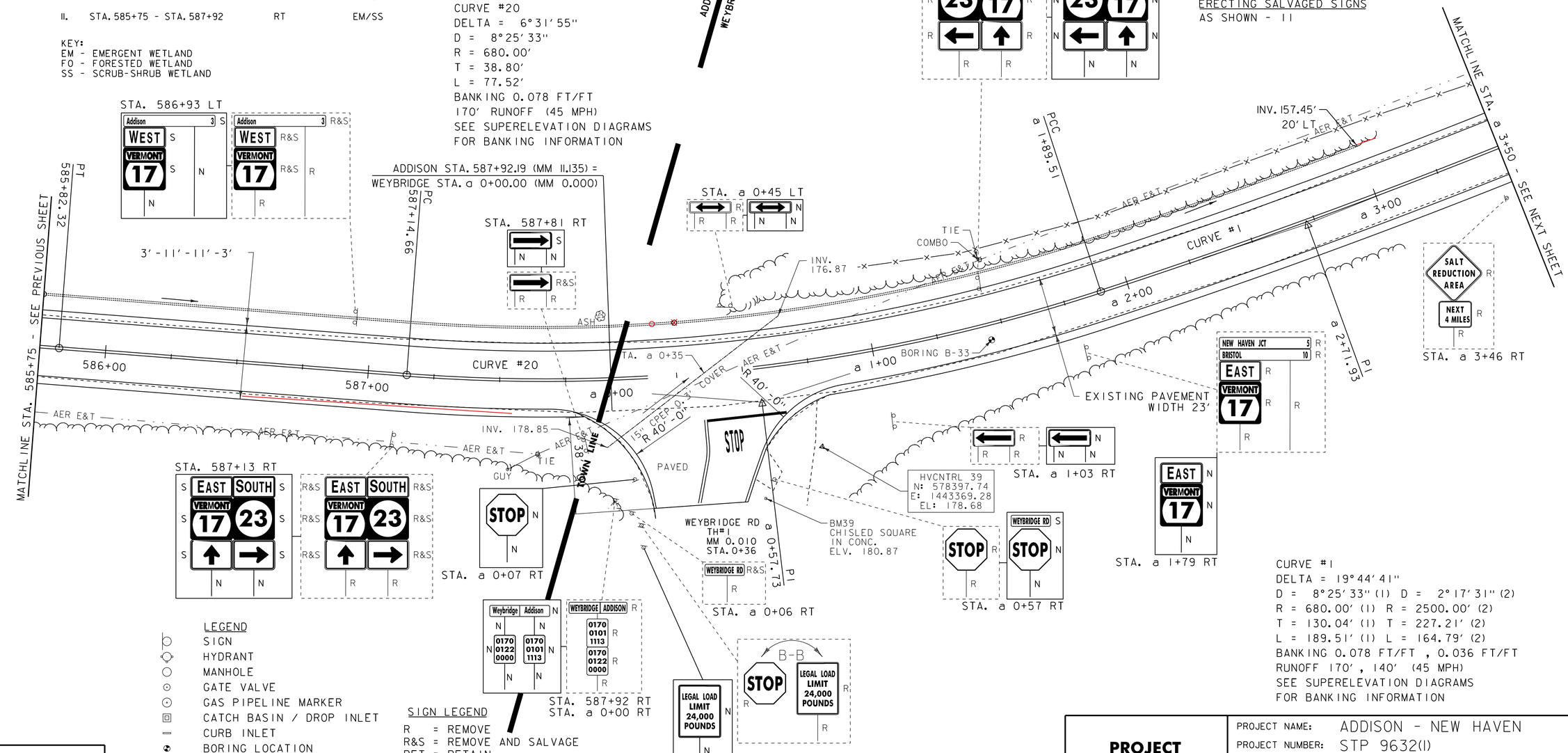
STA. a 0+07 RT

STA. a 0+06 RT

STA. a 0+57 RT

STA. 587+92 RT
STA. a 0+00 RT

STA. a 0+09 RT



CURVE #1
DELTA = 19°44'41"
D = 8°25'33" (1) D = 2°17'31" (2)
R = 680.00' (1) R = 2500.00' (2)
T = 130.04' (1) T = 227.21' (2)
L = 189.51' (1) L = 164.79' (2)
BANKING 0.078 FT/FT , 0.036 FT/FT
RUNOFF 170' , 140' (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

LEGEND
SIGN
HYDRANT
MANHOLE
GATE VALVE
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
BORING LOCATION
MAILBOX
UTILITY POLE
FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 26

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

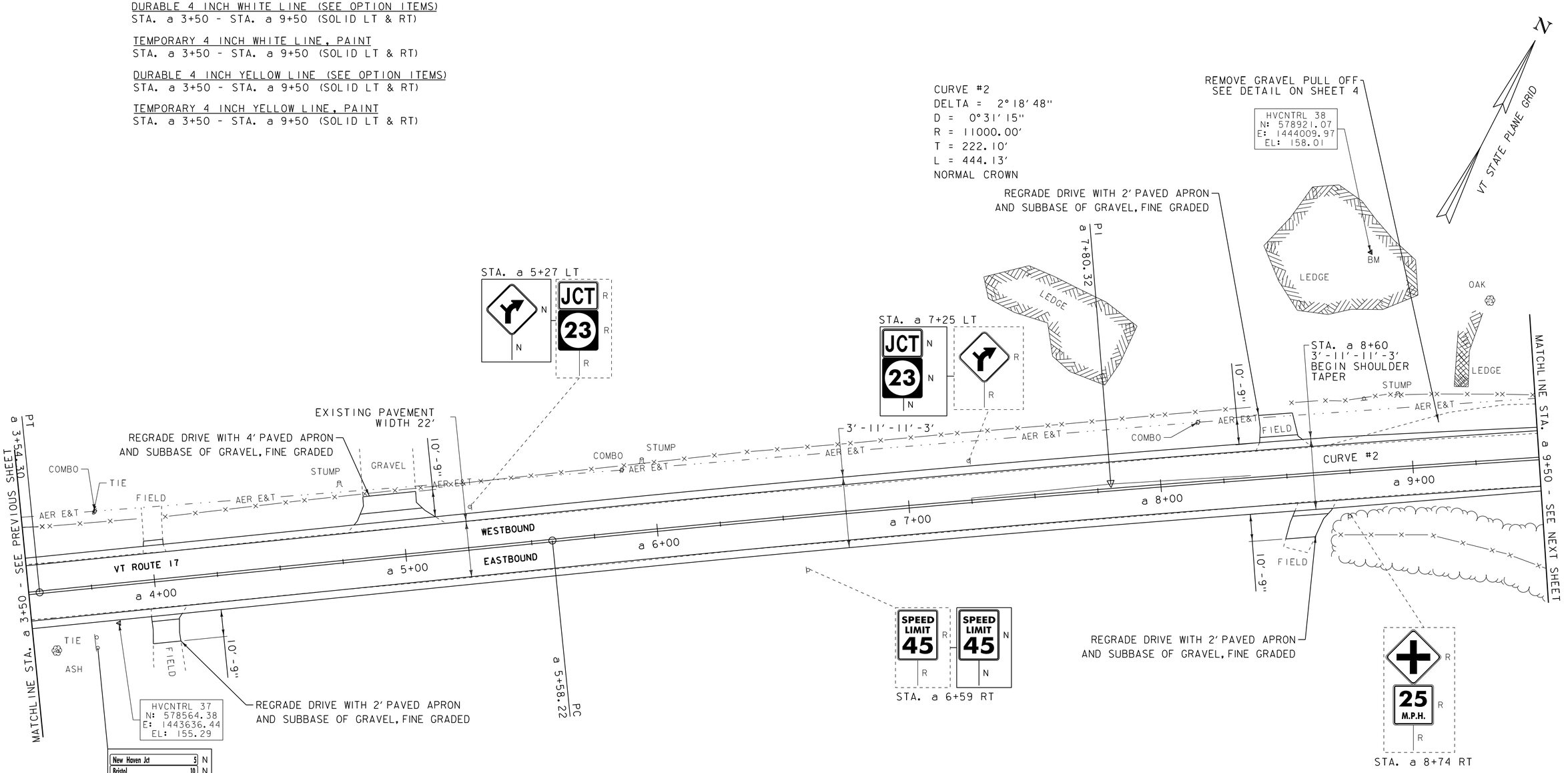
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_49.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 49 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. a 3+50 - STA. a 9+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. a 3+50 - STA. a 9+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. a 3+50 - STA. a 9+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. a 3+50 - STA. a 9+50 (SOLID LT & RT)



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
12.	STA. a 5+25 - STA. a 7+00	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

REMOVING SIGNS
AS SHOWN - 6

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 27

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_50.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 50 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. a 9+50 - STA. a 11+34.06 (SOLID LT & RT)
STA. b 0+00 - STA. b 3+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. a 9+50 - STA. a 11+34.06 (SOLID LT & RT)
STA. b 0+00 - STA. b 3+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. a 9+50 - STA. a 11+34.06 (SOLID LT & RT)
STA. b 0+00 - STA. b 3+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. a 9+50 - STA. a 11+34.06 (SOLID LT & RT)
STA. b 0+00 - STA. b 3+75 (SOLID LT & RT)

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
A 9+70 - A 10+32.5 RT
A 10+20 - A 10+32.5 LT
B 1+90.5
B 1+90.5
~~STA. a 9+68 - STA. a 10+36.75 RT~~
~~STA. a 10+18 - STA. a 10+36.75 LT~~
~~STA. b 1+87.75~~ - STA. b 3+75 LT
~~STA. b 1+87.75~~ - STA. b 3+75 RT

ANCHOR FOR STEEL BEAM RAIL
~~STA. a 9+68.00 RT~~ A 9+70 RT
~~STA. a 10+18.00 LT~~ A 10+20 LT

STEEL BEAM GUARDRAIL/NESTED W/ 8' POST
B 1+40.5 - B 1+53 LT

HD STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
~~STA. a 10+36.75 - STA. a 10+68 LT~~
~~STA. a 10+36.75 - STA. a 10+68 RT~~
~~STA. b 1+56.50 - STA. b 1+87.75 LT~~
~~STA. b 1+56.50 - STA. b 1+87.75 RT~~
A 10+32.5 - A 10+70 RT
A 10+32.5 - A 10+70 LT
B 1+53 - B 1+90.5 RT
B 1+53 - B 1+90.5 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. a 10+20 - STA. a 10+39 LT
STA. a 9+70 - STA. a 10+39 RT
STA. b 1+87.75 - STA. b 3+75 LT
STA. b 1+87.75 - STA. b 3+75 RT

SEE SHEET 5 FOR PAVEMENT TRANSITION
SEE SHEET 6 FOR GUARDRAIL DETAIL

TOWN LINE
OTTER CREEK
BRIDGE #8
STA. b 0+46
MM 0.009
EXISTING PAVEMENT WIDTH 22'
LEDGE
ASH
BOX ELDER
RED CEDAR
TIE
HVCNTRL 36
N: 578927.48
E: 1444154.29
EL: 152.73
COMBO
TIE
BORING B-35
AER E&T
0.5'-9.5'-9.5'-0.5'
GUY
WOODS
RIPRAP
BASSWOOD
a 10+00
a 11+00
b 0+00
b 1+00
b 2+00
b 3+00
PI b 3+19.65
PC b 2+12.44
3'-11'-11'-3'
MATCHLINE STA. a 9+50 - SEE PREVIOUS SHEET
MATCHLINE STA. b 3+75 - SEE NEXT SHEET
PT a 10+02.35

STA. a 10+67 LT
STA. b 1+57 LT
STA. b 1+63 LT
STA. b 3+19 LT
STA. b 3+49 LT
STA. a 10+56 RT
STA. a 10+67 RT
STA. b 1+59 RT
STA. a 10+60 RT
STA. b 2+60 RT

WEYBRIDGE STA. a 11+34.06 (MM 0.215) =
NEW HAVEN STA. b 0+00.00 (MM 0.000)

WEYBRIDGE
NEW HAVEN
TOWN LINE
OTTER CREEK

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
13.	STA. b 1+75 - STA. b 3+75	RT	EM
14.	STA. b 1+75 - STA. b 3+25	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

REMOVING SIGNS
AS SHOWN - 11

LEGEND
SIGN
HYDRANT
MANHOLE
GATE VALVE
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
BORING LOCATION
MAILBOX
UTILITY POLE
FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 28

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_5l.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 5l OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 3+75 - STA. b 8+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 3+75 - STA. b 8+75 (SOLID LT & RT)

CURVE #1
DELTA = 39°27'26"
D = 13°19'29" (1) D = 8°33'06" (2)
R = 430.00' (1) R = 670.00' (2)
T = 161.73' (1) T = 196.07' (2)
L = 210.14' (1) L = 133.98' (2)
BANKING 0.08 FT/FT , 0.08 FT/FT
RUNOFF 180', 170' (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 3+75 - STA. b 8+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 3+75 - STA. b 8+75 (SOLID LT & RT)

STONE FILL, TYPE I
STA. b 3+75 - STA. b 4+75 RT
STA. b 3+80 - STA. b 4+95 LT

GRUBBING MATERIAL
STA. b 3+75 - STA. b 4+75 RT
STA. b 3+80 - STA. b 4+95 LT

GEOTEXTILE FOR SILT FENCE
STA. b 3+75 - STA. b 4+75 RT
STA. b 3+80 - STA. b 4+95 LT

GEOTEXTILE UNDER STONE FILL
STA. b 3+75 - STA. b 4+75 RT
STA. b 3+80 - STA. b 4+95 LT

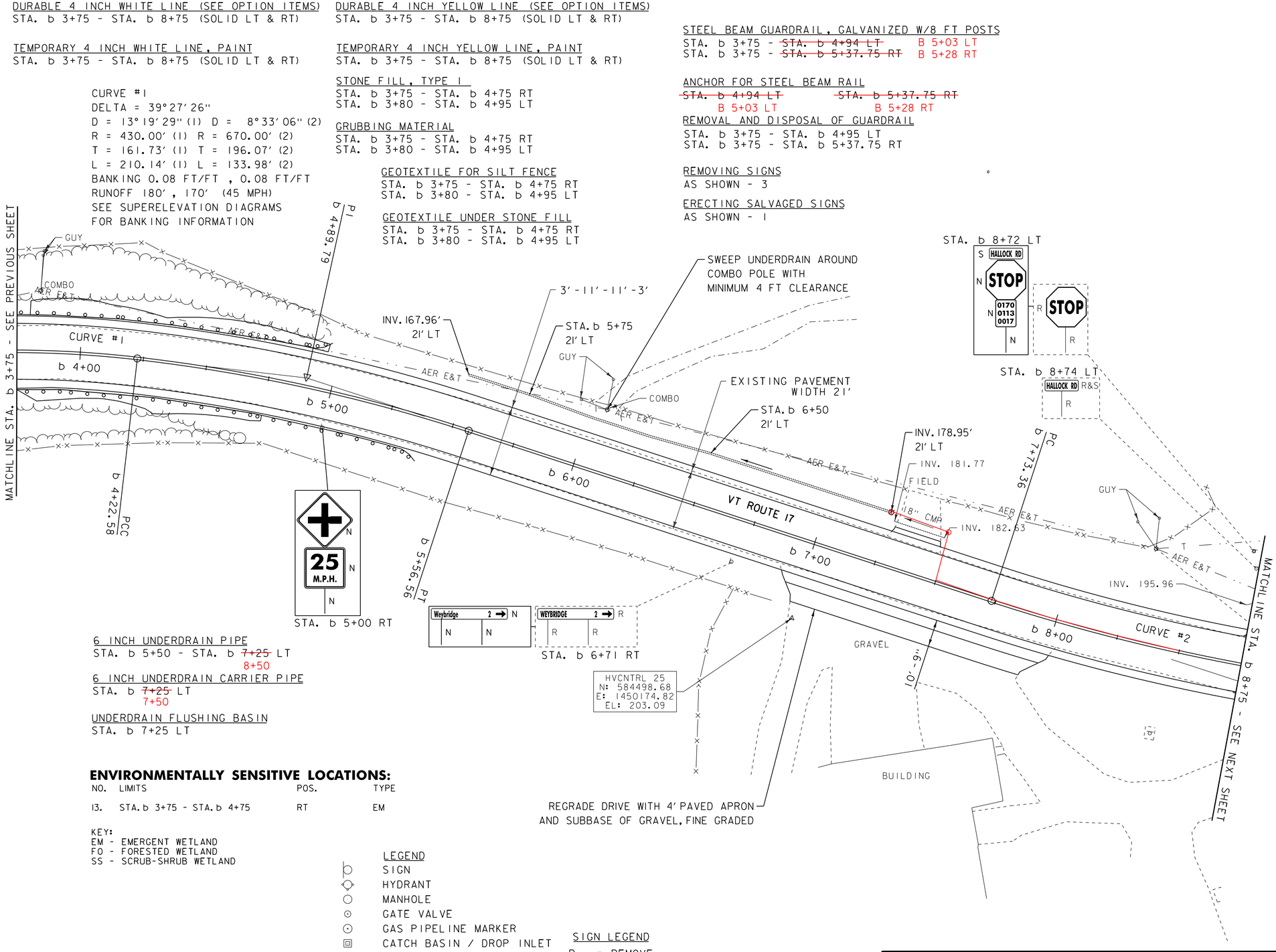
STEEL BEAM GUARDRAIL, GALVANIZED W/8 FT POSTS
STA. b 3+75 - ~~STA. b 4+94 LT~~ B 5+03 LT
STA. b 3+75 - ~~STA. b 5+37.75 RT~~ B 5+28 RT

ANCHOR FOR STEEL BEAM RAIL
~~STA. b 4+94 LT~~ ~~STA. b 5+37.75 RT~~
B 5+03 LT B 5+28 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. b 3+75 - STA. b 4+95 LT
STA. b 3+75 - STA. b 5+37.75 RT

REMOVING SIGNS
AS SHOWN - 3

ERECTING SALVAGED SIGNS
AS SHOWN - 1



6 INCH UNDERDRAIN PIPE
STA. b 5+50 - STA. b ~~7+25~~ 8+50 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. b ~~7+25~~ 7+50 LT

UNDERDRAIN FLUSHING BASIN
STA. b 7+25 LT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
13.	STA. b 3+75 - STA. b 4+75	RT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
SIGN
HYDRANT
MANHOLE
GATE VALVE
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
BORING LOCATION
MAILBOX
UTILITY POLE
FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 29

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_52.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 52 OF 186

THINNING AND TRIMMING
STA. b 10+75 - STA. b 14+75 LT

STONE FILL, TYPE I
STA. b 10+75 - STA. b 13+75 RT

GRUBBING MATERIAL
STA. b 10+75 - STA. b 13+75 RT

GEOTEXTILE FOR SILT FENCE
STA. b 10+75 - STA. b 13+75 RT

GEOTEXTILE UNDER STONE FILL
STA. b 10+75 - STA. b 13+75 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 8+75 - STA. b 14+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #1)
STA. b 9+18 LT (EDGELINES TH #1)
STA. b 9+25 RT (EDGELINES TH #1)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 8+75 - STA. b 14+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #1)
STA. b 9+18 LT (EDGELINES TH #1)
STA. b 9+25 RT (EDGELINES TH #1)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 8+75 - STA. b 14+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #1)
STA. b 9+18 LT (CENTERLINE TH #1)
STA. b 9+25 RT (CENTERLINE TH #1)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 8+75 - STA. b 14+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #1)
STA. b 9+18 LT (CENTERLINE TH #1)
STA. b 9+25 RT (CENTERLINE TH #1)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. b 8+87 - STA. b 9+00 LT (TH #1)
STA. b 9+27 - STA. b 9+37 RT (TH #1)

DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. b 8+90 LT "STOP" (TH #1)
STA. b 9+35 RT "STOP" (TH #1)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. b 8+87 - STA. b 9+00 LT (TH #1)
STA. b 9+27 - STA. b 9+37 RT (TH #1)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. b 8+90 LT "STOP" (TH #1)
STA. b 9+35 RT "STOP" (TH #1)

N
VT STATE PLANE GRID

STA. b 8+96 LT
LEGAL LOAD LIMIT 24,000 POUNDS R
LEGAL LOAD LIMIT 24,000 POUNDS N

STA. b 9+06 LT
STOP R
STOP N

STA. b 9+74 RT
B-B
LEGAL LOAD LIMIT 24,000 POUNDS R
OTTER CREEK HWY RT 17 S
QUAKER VILLAGE RD S
STOP N

STA. b 12+02 LT
WEYBRIDGE 2 R
Weybridge 2 N

HVCNTRL 35
N: 579075.60
E: 1445170.51
EL: 203.35

STA. b 9+62 RT
OTTER CREEK HWY RT 17 R&S
QUAKER VILLAGE RD R&S

HALLOCK RD
TH#1
MM 0.170
STA. 9+18

PAVED
18" CMP
INV. 199.10

REGRADE DRIVE WITH 4' PAVED APRON
AND SUBBASE OF GRAVEL, FINE GRADED

CHANGE ORDER
#3 WORK AREA

PCC b 9+97.98
PT b 11+13.78
PC b 14+34.43

INV. 201.01
2' X2'
CONC. BOX
3.9' COVER
HEADWALL

3'-11'-11'-3'

EXISTING PAVEMENT
WIDTH 21'

WESTBOUND
EASTBOUND

MATCHLINE STA. b 14+75 - SEE NEXT SHEET

MATCHLINE STA. b 8+75 - SEE PREVIOUS SHEET

R 55'-0"
R 40'-0"
R 15'-0"
R 65'-0"
R 5'-0"
40'-0"
42'-0"
10'-9"

HEDGE
GRAVEL
AER E&T
COMBO
GUY
MB
STA. b 11+69
INV. 200.11
HEADWALL

b 9+00
b 10+00
b 11+00
b 12+00
b 13+00
b 14+00

B 37
STOP
PI b 8+98.45
PI b 10+55.92

HVCNTRL 21
N: 586863.04
E: 1451563.29
EL: 281.53

HVCNTRL 20
N: 587581.68
E: 1451819.73
EL: 306.58

QUAKER VILLAGE RD
TH#1
MM 0.180
STA. 9+25
PAVED

STA. b 9+49 RT
STA. b 10+04 RT
STOP R
STOP N

STA. b 10+50 RT
EAST VERMONT 17 R
EAST VERMONT 17 N
0170 0113 0020 N

STA. b 11+68 RT
0170 0113 0020 R

STA. b 9+48 RT
SPEED LIMIT 40 R&S
SPEED LIMIT 40 S
LEGAL LOAD LIMIT 24,000 POUNDS N

CURVE #2
DELTA = 21°36'13"
D = 7°20'44" (1) D = 4°24'27" (2)
R = 780.00' (1) R = 1300.00' (2)
T = 154.42' (1) T = 189.87' (2)
L = 224.62' (1) L = 115.80' (2)
BANKING 0.076 FT/FT , 0.058 FT/FT
RUNOFF 170' , 140' (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

REMOVING SIGNS
AS SHOWN - 13

ERECTING SALVAGED SIGNS
AS SHOWN - 3

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 30

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_53.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 53 OF 186

THINNING AND TRIMMING
STA. b 14+75 - STA. b 19+27 LT

THINNING AND TRIMMING FOR SIGNS
STA. b 19+27 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 14+75 - STA. b 20+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 14+75 - STA. b 20+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 14+75 - STA. b 20+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 14+75 - STA. b 20+50 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. b ~~18+25~~ 19+85 - STA. b 20+50 LT
B 15+50 - B 16+85 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 18+25 LT

UNDERDRAIN FLUSHING BASIN
STA. ~~b 18+25 LT~~
B 19+85 LT

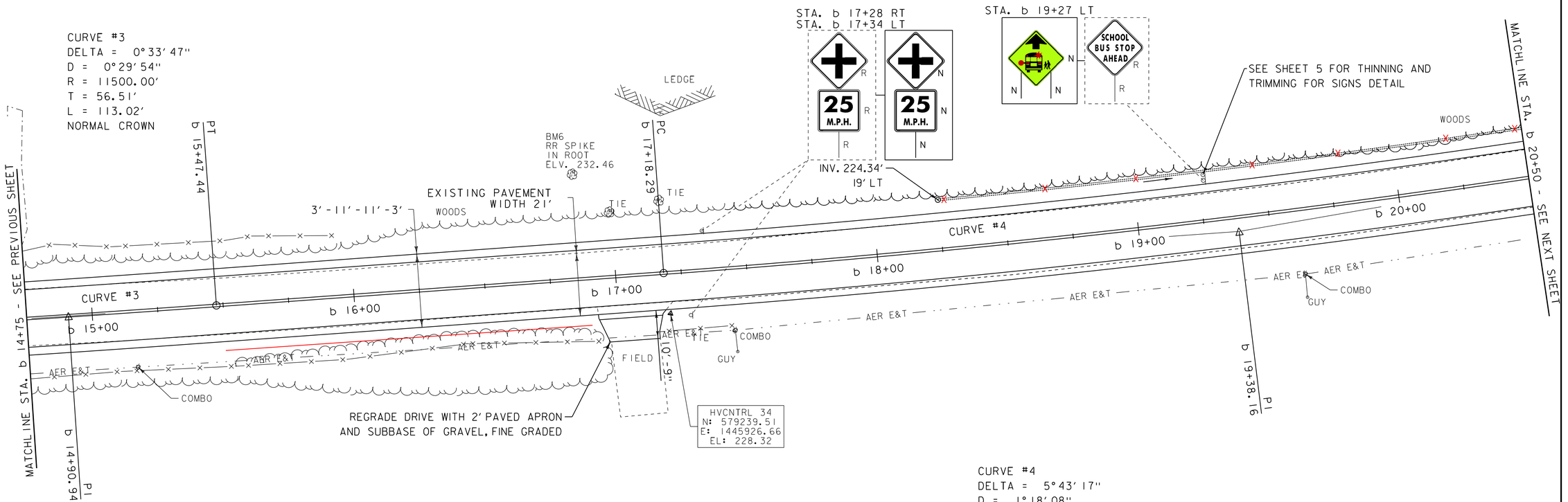
REMOVING AND RESETTING FENCE
STA. b 14+75 - STA. b 15+75 RT
STA. b 17+14 - STA. b 17+44 RT

N
VT STATE PLANE GRID

CURVE #3
DELTA = 0°33'47"
D = 0°29'54"
R = 11500.00'
T = 56.51'
L = 113.02'
NORMAL CROWN

STA. b 17+28 RT
STA. b 17+34 LT

STA. b 19+27 LT



CURVE #4
DELTA = 5°43'17"
D = 1°18'08"
R = 4400.00'
T = 219.87'
L = 439.37'
BANKING 0.022 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

REMOVING SIGNS
AS SHOWN - 5

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 31

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_54.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 54 OF 186

STONE FILL, TYPE I
STA. b 22+50 - STA. b 24+75 RT

GRUBBING MATERIAL
STA. b 22+50 - STA. b 24+75 RT

GEOTEXTILE FOR SILT FENCE
STA. b 22+50 - STA. b 24+75 RT

GEOTEXTILE UNDER STONE FILL
STA. b 22+50 - STA. b 24+75 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 20+50 - STA. b 25+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 20+50 - STA. b 25+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 20+50 - STA. b 24+75 (SOLID LT & RT)
STA. b 24+75 - STA. b 25+75 (SOLID LT, DASHED RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 20+50 - STA. b 24+75 (SOLID LT & RT)
STA. b 24+75 - STA. b 25+75 (SOLID LT, DASHED RT)

CURVE #5
DELTA = 0°48'22"
D = 0°33'01"
R = 10413.20'
T = 73.25'
L = 146.50'
REVERSE CROWN

CURVE #6
DELTA = 36°07'48"
D = 8°48'53" (1) D = 14°41'28" (2)
R = 650.00' (1) R = 390.00' (2)
T = 170.27' (1) T = 135.31' (2)
L = 124.79' (1) L = 171.05' (2)
BANKING 0.08 FT/FT , 0.08 FT/FT
RUNOFF 180' , 180' (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

N
VT STATE PLANE GRID

MATCHLINE STA. b 20+50 - SEE PREVIOUS SHEET

STA. b 21+12 LT
0170 0113 040 N
N

PI b 21+57.66

PC b 22+60.98

EXISTING PAVEMENT WIDTH 23'

3'-11'-11'-3'

0170 0113 040 R
R

PC b 24+07.48

PCC b 25+32.27

MATCHLINE STA. b 25+75 - SEE NEXT SHEET

b 21+00

b 22+00

b 23+00

b 24+00

b 25+00

BORING B-39

BORING B-40

LEDGE

STA. b 25+00
19' LT

CURVE #5

CURVE #6

AER E&T

COMBO

HVCNTRL 147
N: 579387.74
E: 1446417.38
EL: 218.22

HVCNTRL 33
N: 579497.50
E: 1446700.28
EL: 214.92

INV. 211.27'
21' RT

R
R
STA. b 20+87 RT

PI b 23+34.23

N
N
STA. b 23+75 RT

PI b 24+70.07

6 INCH UNDERDRAIN PIPE
STA. b 20+50 LT - STA. b 25+25 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 22+00 LT

UNDERDRAIN FLUSHING BASIN
STA. ~~b 22+00 LT~~

FINISHED GROUND
PAVEMENT LAYERS
EXISTING GROUND
DEPTH VARIES
18" MINUMUM
8" RECLAIM
SEE SHEET 20 FOR UNDERDRAIN INSTALLATION REQUIREMENTS

UNDERDRAIN CROSSING ROAD DETAIL
NOT TO SCALE

REMOVING SIGNS
AS SHOWN - 2

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 32

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_55.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 55 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 25+75 - STA. b 31+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 25+75 - STA. b 31+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 25+75 - STA. b 31+50 (SOLID LT, DASHED RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 25+75 - STA. b 31+50 (SOLID LT, DASHED RT)

6 INCH UNDERDRAIN PIPE
STA. b ~~30+25~~ 30+20 - STA. b 31+50 LT

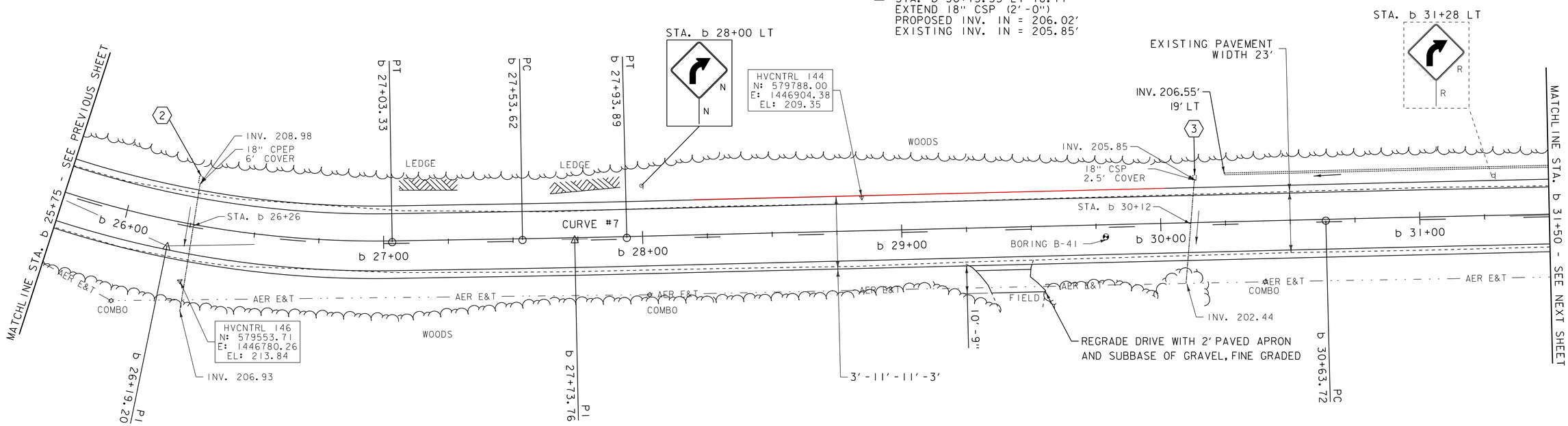
B 28+27 - B 30+07 LT

CURVE #8
DELTA = 0°21'43"
D = 0°11'28"
R = 30000.00'
T = 94.74'
L = 189.47'
NORMAL CROWN

N
VT STATE PLANE GRID

(2) STA. b 26+25.75 LT 19.38' TO
STA. b 26+25.82 LT 16.38'
EXTEND 18" CPEP (3'-0")
PROPOSED INV. IN = 209.10'
EXISTING INV. IN = 208.98'
ADD TYPE I STONE FILL
AROUND INLET

(3) STA. b 30+13.35 LT 16.78' TO
STA. b 30+13.55 LT 18.77'
EXTEND 18" CSP (2'-0")
PROPOSED INV. IN = 206.02'
EXISTING INV. IN = 205.85'



CURVE #7
DELTA = 0°27'41"
D = 1°08'45"
R = 5000.00'
T = 20.13'
L = 40.27'
NORMAL CROWN

REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 33

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_56.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 56 OF 186

6 INCH UNDERDRAIN PIPE
STA. b 31+50 - STA b ~~33+75~~ LT 33+61

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 33+75 LT

UNDERDRAIN FLUSHING BASIN
STA. ~~b 33+75 LT~~
B 33+61LT

STONE FILL, TYPE I
STA. b 36+75 - STA. b 37+25 RT

GRUBBING MATERIAL
STA. b 36+75 - STA. b 37+25 RT

GEOTEXTILE FOR SILT FENCE
STA. b 36+75 - STA. b 37+25 RT

GEOTEXTILE UNDER STONE FILL
STA. b 36+75 - STA. b 37+25 RT

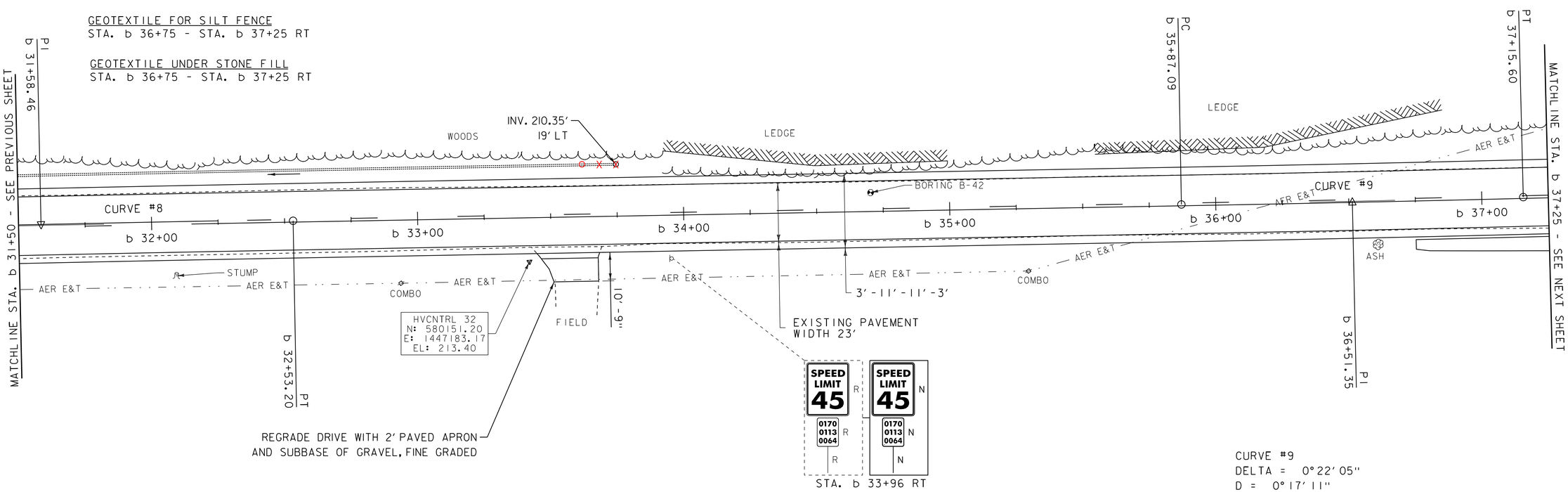
DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 31+50 - STA. b 37+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 31+50 - STA. b 37+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 31+50 - STA. b 32+25 (SOLID LT, DASHED RT)
STA. b 32+25 - STA. b 37+25 (SOLID RT, DASHED LT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 31+50 - STA. b 32+25 (SOLID LT, DASHED RT)
STA. b 32+25 - STA. b 37+25 (SOLID RT, DASHED LT)

N
VT STATE PLANE GRID



CURVE #9
DELTA = 0°22'05"
D = 0°17'11"
R = 20000.00'
T = 64.26'
L = 128.51'
NORMAL CROWN

REMOVING SIGNS
AS SHOWN - 2

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 34

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_57.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 57 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 37+25 - STA. b 42+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 37+25 - STA. b 42+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. b ~~41+50~~ 41+48 - STA. b 42+75 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 41+50 LT

UNDERDRAIN FLUSHING BASIN
STA. b ~~41+50~~ 41+48 LT

STONE FILL, TYPE I
STA. b 37+25 - STA. b 40+25 RT

GRUBBING MATERIAL
STA. b 37+25 - STA. b 40+25 RT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 37+25 - STA. b 40+25 (DASHED LT, SOLID RT)
STA. b 40+25 - STA. b 42+75 (SOLID LT & RT)

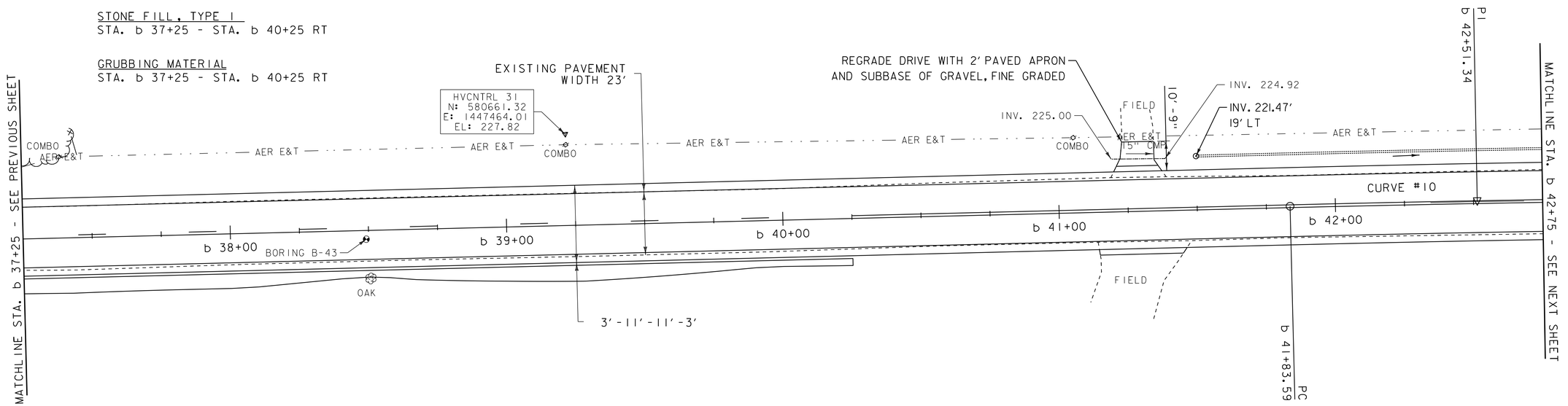
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 37+25 - STA. b 40+25 (DASHED LT, SOLID RT)
STA. b 40+25 - STA. b 42+75 (SOLID LT & RT)

GEOTEXTILE FOR SILT FENCE
STA. b 37+25 - STA. b 40+25 RT

GEOTEXTILE UNDER STONE FILL
STA. b 37+25 - STA. b 40+25 RT

CURVE #10
DELTA = 0°40'30"
D = 0°29'54"
R = 11500.00'
T = 67.75'
L = 135.50'
NORMAL CROWN

N
VT STATE PLANE GRID



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 35

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_58.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 58 OF 186

~~STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS~~
~~STA. b 43+60.5 - STA. b 44+16.75 LT~~
~~STA. b 44+41.75 - STA. b 45+73 LT~~

~~STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS~~
~~STA. b 44+16.75 - STA. b 44+41.75 LT~~

~~ANCHOR FOR STEEL BEAM RAIL~~
~~STA. b 43+60.5 LT~~
~~STA. b 45+73 LT~~

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 42+75 - STA. b 48+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #24)
STA. b 46+75 RT (EDGELINES TH #24)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 42+75 - STA. b 48+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #24)
STA. b 46+75 RT (EDGELINES TH #24)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. b 46+78 - STA. b 47+03 RT (TH #24)

DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. b 46+89 RT "STOP" (TH #24)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. b 46+78 - STA. b 47+03 RT (TH #24)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. b 46+89 RT "STOP" (TH #24)

6 INCH UNDERDRAIN PIPE
STA. b 42+75 - STA. b ~~44+00~~ LT
~~STA. b 44+50 - STA. b 45+75 LT~~

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 45+75 LT

UNDERDRAIN FLUSHING BASIN
STA. b ~~45+75~~ LT

STONE FILL, TYPE I
STA. b 43+75 - STA. b 44+25 LT

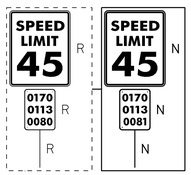
GRUBBING MATERIAL
STA. b 43+75 - STA. b 44+25 LT

GEOTEXTILE FOR SILT FENCE
STA. b 43+75 - STA. b 44+25 LT

GEOTEXTILE UNDER STONE FILL
STA. b 43+75 - STA. b 44+25 LT

VT STATE PLANE GRID

STA. b 42+87 LT

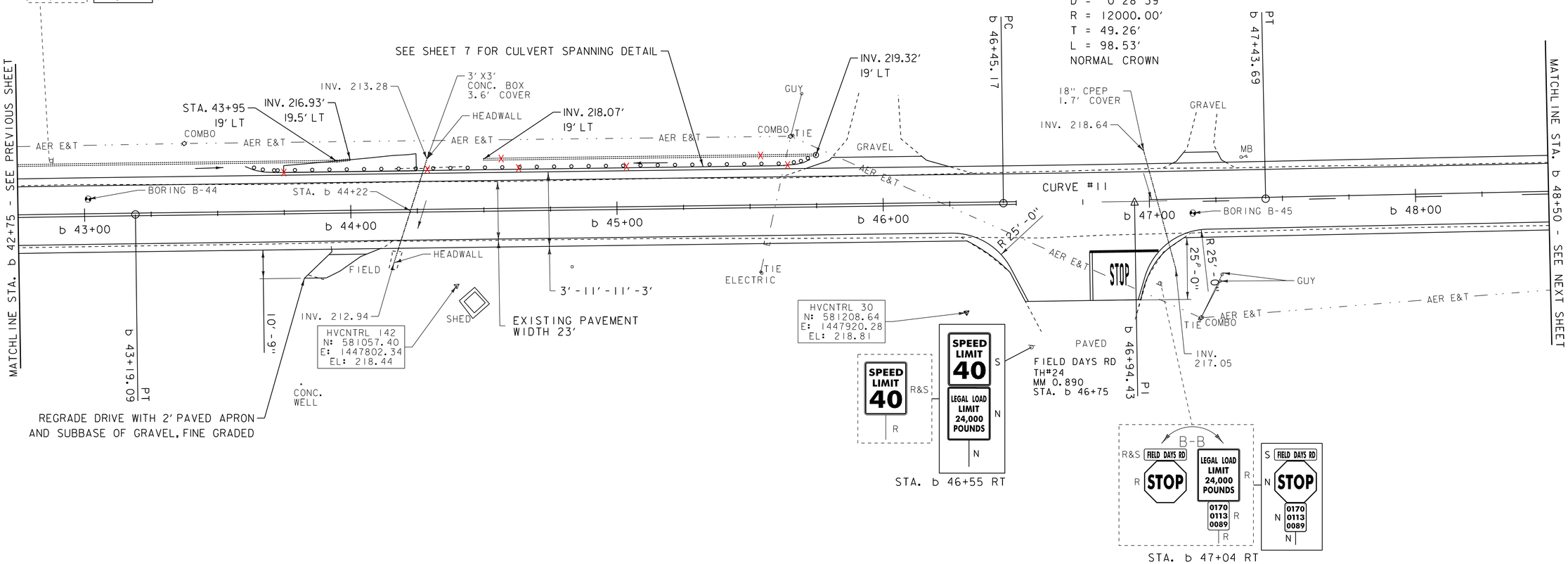


DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 42+75 - STA. b 46+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #24)
STA. b 46+75 RT (CENTERLINE TH #24)
STA. b 47+00 - STA. b 48+50 (SOLID LT, DASHED RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 42+75 - STA. b 46+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #24)
STA. b 46+75 RT (CENTERLINE TH #24)
STA. b 47+00 - STA. b 48+50 (SOLID LT, DASHED RT)

CONC. PAD
BM
TOP OF SIDEWALK BOLT
ELV. 227.17

CURVE #11
DELTA = 0°28'14"
D = 0°28'39"
R = 12000.00'
T = 49.26'
L = 98.53'
NORMAL CROWN



STA. b 46+55 RT

STA. b 47+04 RT

REMOVING SIGNS
AS SHOWN - 7

ERECTING SALVAGED SIGNS
AS SHOWN - 2

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 36

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_59.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 59 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 48+50 - STA. b 54+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 48+50 - STA. b 54+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 48+50 - STA. b 52+25 (SOLID LT, DASHED RT)
STA. b 52+25 - STA. b 54+00 (DASHED)
STA. b 54+00 - STA. b 54+50 (DASHED LT, SOLID RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 48+50 - STA. b 52+25 (SOLID LT, DASHED RT)
STA. b 52+25 - STA. b 54+00 (DASHED)
STA. b 54+00 - STA. b 54+50 (DASHED LT, SOLID RT)

6 INCH UNDERDRAIN PIPE
STA. b ~~53+00~~ 49+15 - STA. b 54+50 LT

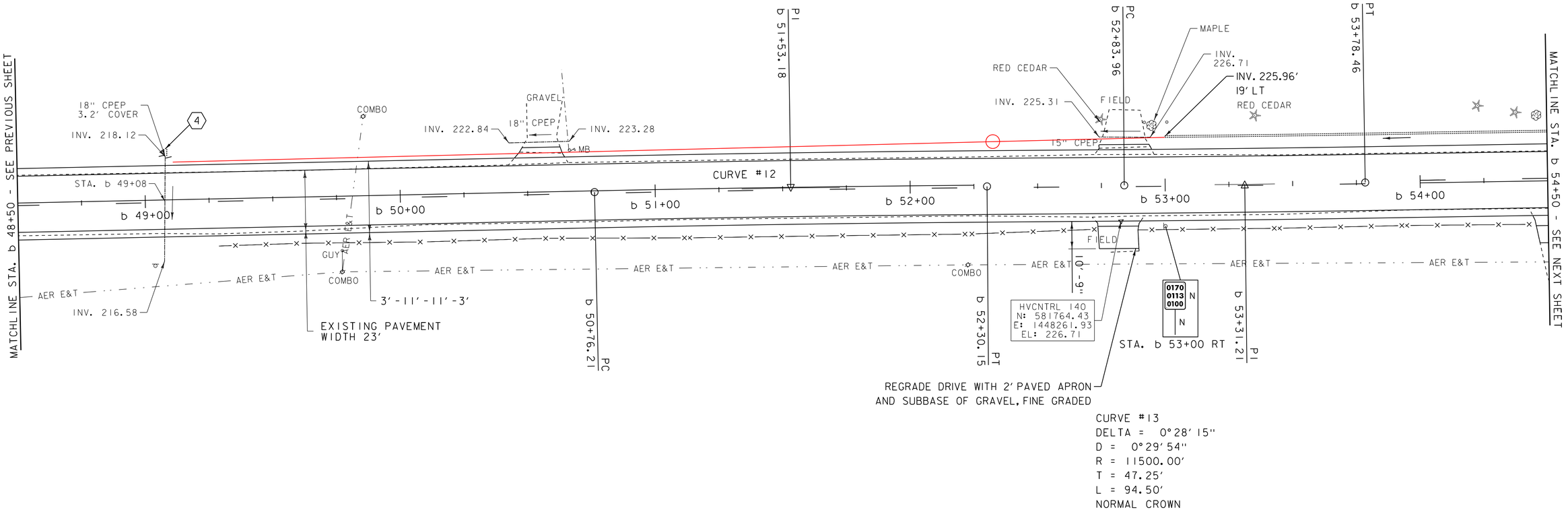
REMOVING AND RESETTING FENCE
STA. b 49+29 - STA. b 54+44 RT

UNDERDRAIN FLUSHING BASIN
B 52+35 LT

VT STATE PLANE GRID

CURVE #12
DELTA = 0°46'01"
D = 0°29'54"
R = 11500.00'
T = 76.97'
L = 153.94'
NORMAL CROWN

(4) STA. b 49+08.17 LT 17.48' TO
STA. b 49+08.25 LT 20.48'
EXTEND 18" CPEP (3'-0")
PROPOSED INV. IN = 218.23'
EXISTING INV. IN = 218.12'



CURVE #13
DELTA = 0°28'15"
D = 0°29'54"
R = 11500.00'
T = 47.25'
L = 94.50'
NORMAL CROWN

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 37

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_60.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 60 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 54+50 - STA. b 60+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 54+50 - STA. b 60+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. b 54+50 - STA. b ~~54+75~~ 54+70 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 54+75 LT

UNDERDRAIN FLUSHING BASIN
STA. b ~~54+75~~ 54+70 LT

STONE FILL, TYPE I
STA. b 56+75 - STA. b 60+25 RT

GRUBBING MATERIAL
STA. b 56+75 - STA. b 60+25 RT

GEOTEXTILE FOR SILT FENCE
STA. b 56+75 - STA. b 60+25 RT

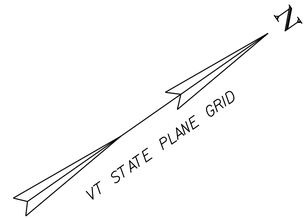
GEOTEXTILE UNDER STONE FILL
STA. b 56+75 - STA. b 60+25 RT

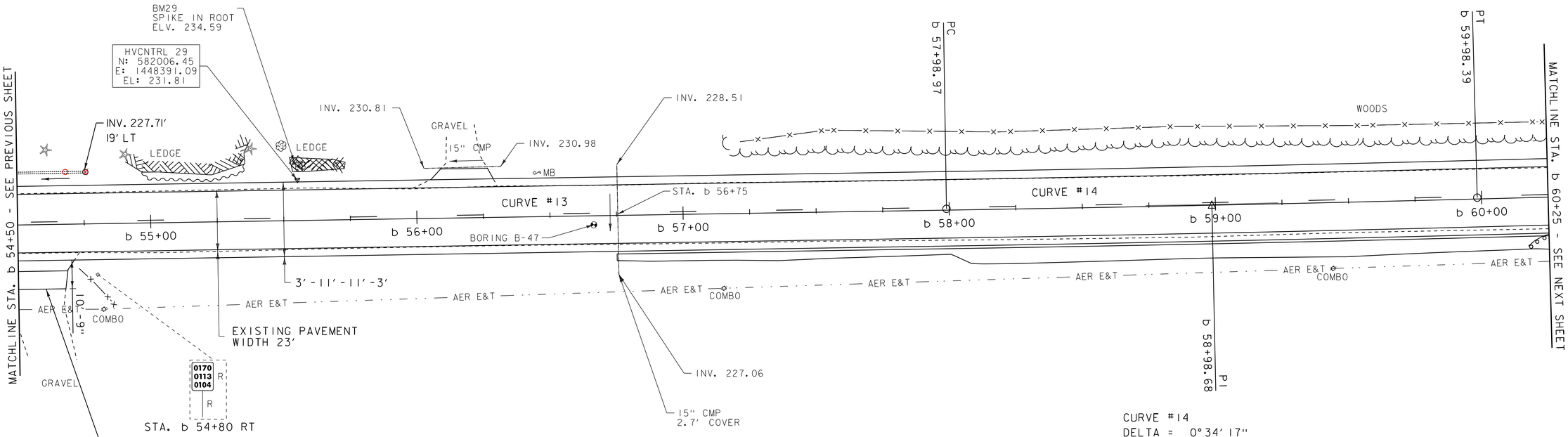
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 54+50 - STA. b 60+25 (DASHED LT, SOLID RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 54+50 - STA. b 60+25 (DASHED LT, SOLID RT)

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. b 60+~~12.5~~ 10 - STA. b 60+25 RT

ANCHOR FOR STEEL BEAM RAIL
STA. b 60+~~12.5~~ 10 RT





CURVE #14
DELTA = 0°34'17"
D = 0°17'11"
R = 20000.00'
T = 99.71'
L = 199.42'
NORMAL CROWN

REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 38

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_61.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 61 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 60+25 - STA. b 65+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 60+25 - STA. b 65+75 (SOLID LT & RT)

STONE FILL, TYPE I
STA. b 60+25 - STA. b 65+75 RT

GRUBBING MATERIAL
STA. b 60+25 - STA. b 65+75 RT

GEOTEXTILE FOR SILT FENCE
STA. b 60+25 - STA. b 65+75 RT

GEOTEXTILE UNDER STONE FILL
STA. b 60+25 - STA. b 65+75 RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. b 60+25 - STA. b 65+~~00~~ 10 RT

ANCHOR FOR STEEL BEAM RAIL
~~STA. b 65+00 RT~~
B 65+10 RT

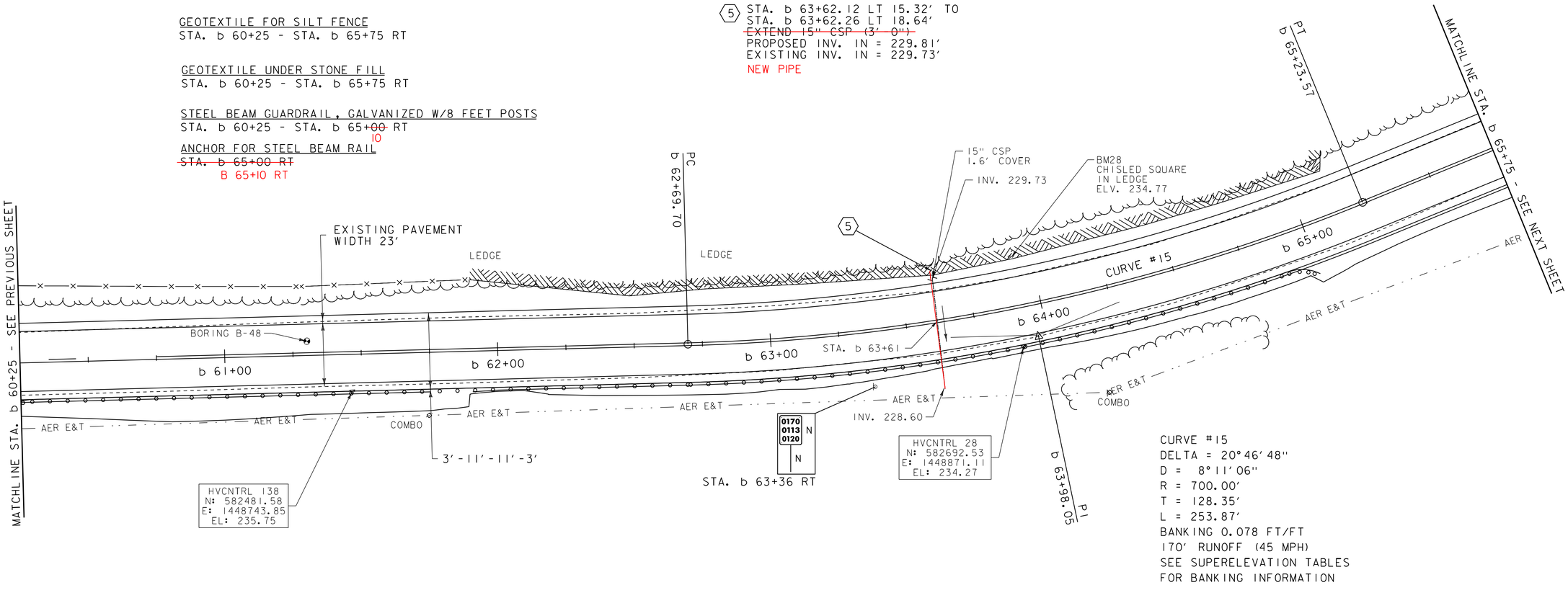
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 60+25 - STA. b 60+75 (DASHED LT, SOLID RT)
STA. b 60+75 - STA. b 65+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 60+25 - STA. b 60+75 (DASHED LT, SOLID RT)
STA. b 60+75 - STA. b 65+75 (SOLID LT & RT)

N

VT STATE PLANE GRID

(5) STA. b 63+62.12 LT 15.32' TO
STA. b 63+62.26 LT 18.64'
~~EXTEND 15" CSP (3' 0")~~
PROPOSED INV. IN = 229.81'
EXISTING INV. IN = 229.73'
NEW PIPE



CURVE #15
DELTA = 20°46'48"
D = 8°11'06"
R = 700.00'
T = 128.35'
L = 253.87'
BANKING 0.078 FT/FT
170' RUNOFF (45 MPH)
SEE SUPERELEVATION TABLES
FOR BANKING INFORMATION

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 39

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_62.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 62 OF 186

CURVE #16
DELTA = 4°11'12"
D = 1°16'24"
R = 4500.00'
T = 164.48'
L = 328.81'
BANKING 0.022 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 65+75 - STA. b 71+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 65+75 - STA. b 71+50 (SOLID LT & RT)

GRUBBING MATERIAL
STA. b 65+75 - STA. b 67+25 RT
STA. b 67+50 - STA. b 68+75 LT

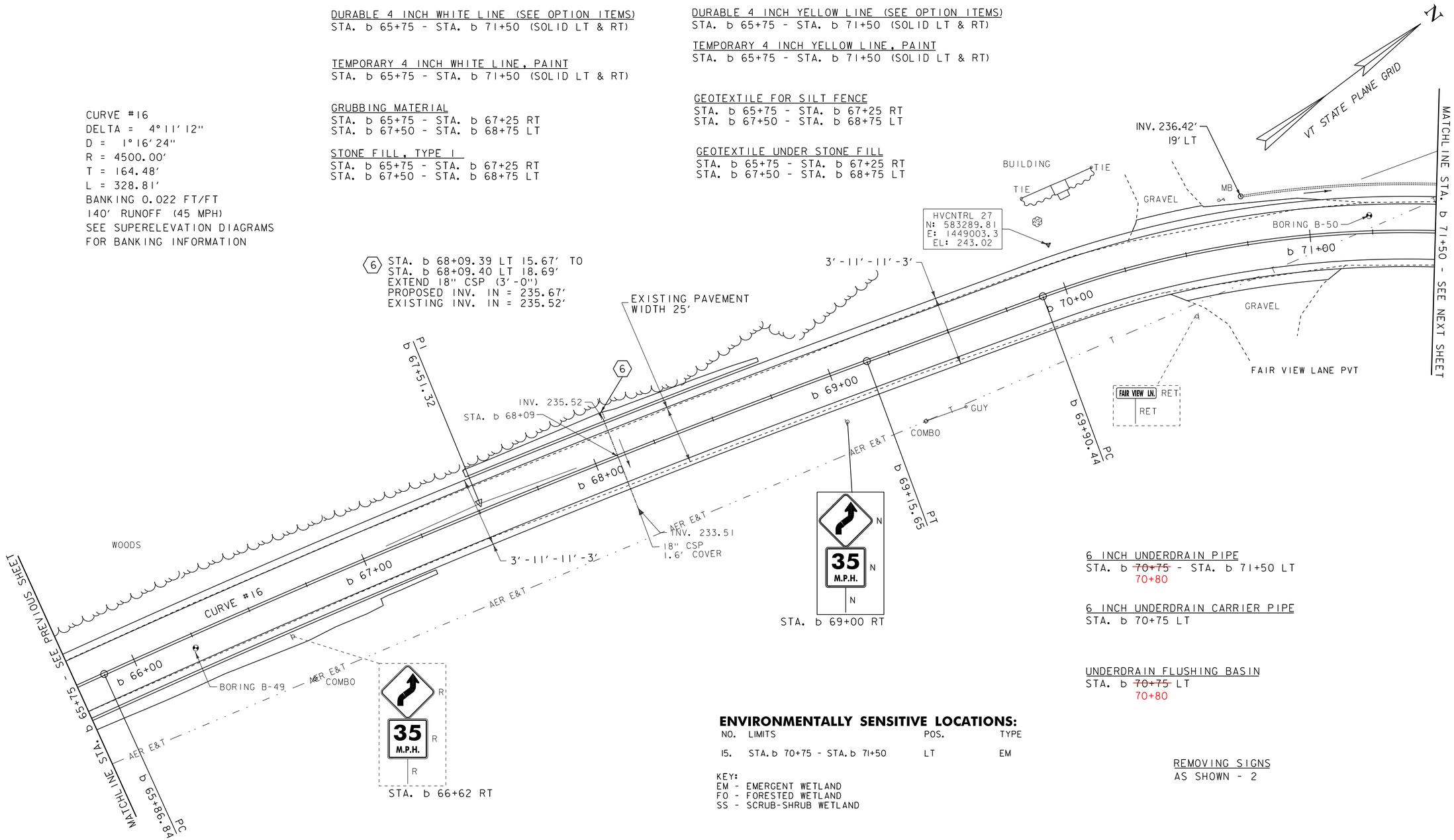
STONE FILL, TYPE I
STA. b 65+75 - STA. b 67+25 RT
STA. b 67+50 - STA. b 68+75 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 65+75 - STA. b 71+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 65+75 - STA. b 71+50 (SOLID LT & RT)

GEOTEXTILE FOR SILT FENCE
STA. b 65+75 - STA. b 67+25 RT
STA. b 67+50 - STA. b 68+75 LT

GEOTEXTILE UNDER STONE FILL
STA. b 65+75 - STA. b 67+25 RT
STA. b 67+50 - STA. b 68+75 LT



6 INCH UNDERDRAIN PIPE
STA. b ~~70+75~~ 70+80 - STA. b 71+50 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 70+75 LT

UNDERDRAIN FLUSHING BASIN
STA. b ~~70+75~~ 70+80 LT

REMOVING SIGNS
AS SHOWN - 2

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
15.	STA. b 70+75 - STA. b 71+50	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

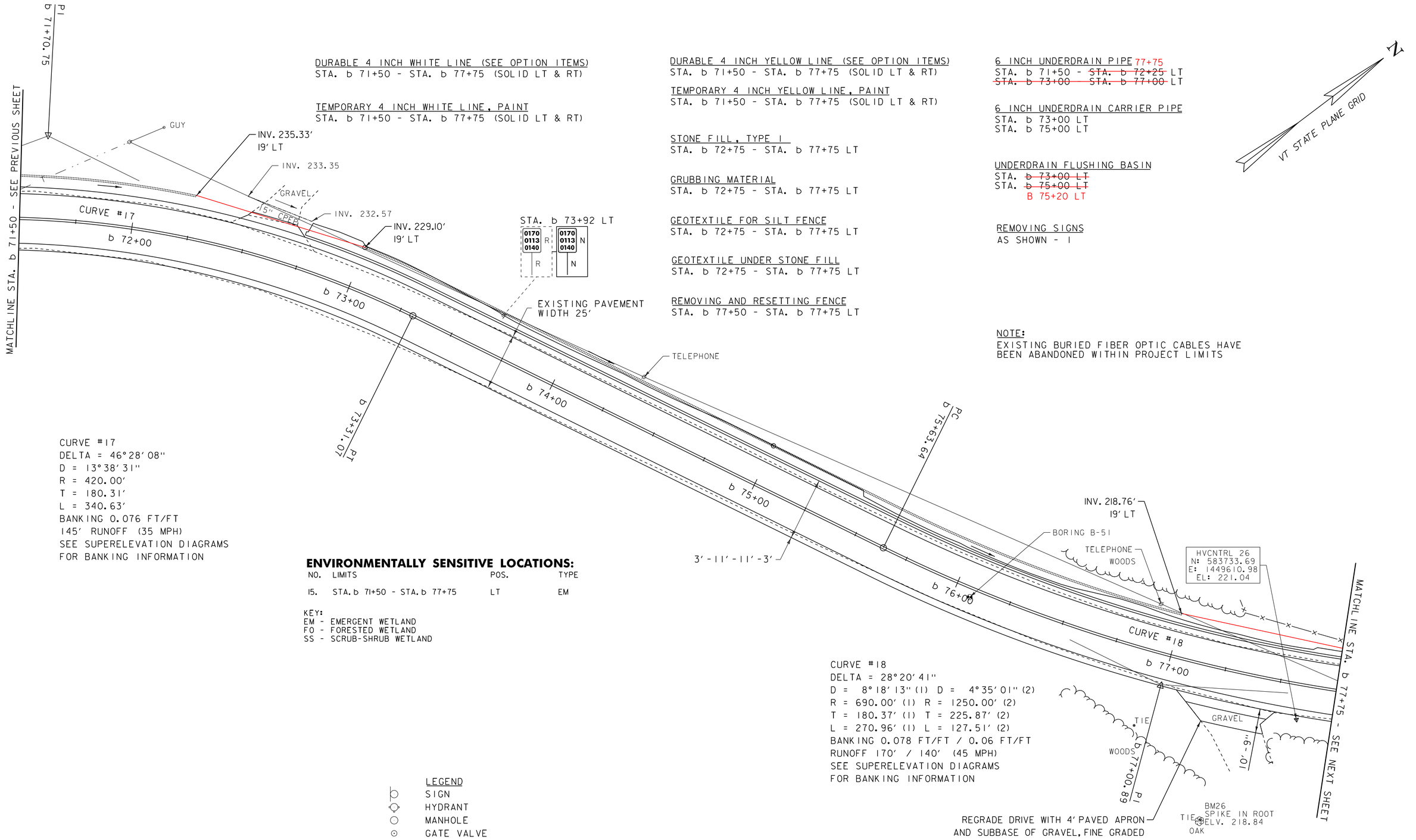
SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 40

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_63.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 63 OF 186



DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 71+50 - STA. b 77+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 71+50 - STA. b 77+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 71+50 - STA. b 77+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 71+50 - STA. b 77+75 (SOLID LT & RT)

STONE FILL, TYPE I
STA. b 72+75 - STA. b 77+75 LT

GRUBBING MATERIAL
STA. b 72+75 - STA. b 77+75 LT

GEOTEXTILE FOR SILT FENCE
STA. b 72+75 - STA. b 77+75 LT

GEOTEXTILE UNDER STONE FILL
STA. b 72+75 - STA. b 77+75 LT

REMOVING AND RESETTING FENCE
STA. b 77+50 - STA. b 77+75 LT

6 INCH UNDERDRAIN PIPE 77+75
STA. b 71+50 - ~~STA. b 72+25~~ LT
~~STA. b 73+00 - STA. b 77+00~~ LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 73+00 LT
STA. b 75+00 LT

UNDERDRAIN FLUSHING BASIN
STA. ~~b 73+00 LT~~
STA. ~~b 75+00 LT~~
B 75+20 LT

REMOVING SIGNS
AS SHOWN - 1

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

VT STATE PLANE GRID

CURVE #17
DELTA = 46°28'08"
D = 13°38'31"
R = 420.00'
T = 180.31'
L = 340.63'
BANKING 0.076 FT/FT
145' RUNOFF (35 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

CURVE #18
DELTA = 28°20'41"
D = 8°18'13" (1) D = 4°35'01" (2)
R = 690.00' (1) R = 1250.00' (2)
T = 180.37' (1) T = 225.87' (2)
L = 270.96' (1) L = 127.51' (2)
BANKING 0.078 FT/FT / 0.06 FT/FT
RUNOFF 170' / 140' (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
15.	STA. b 71+50 - STA. b 77+75	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 41

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_64.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 64 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 77+75 - STA. b 83+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 77+75 - STA. b 83+50 (SOLID LT & RT)

STONE FILL, TYPE I
STA. b 77+75 - STA. b 78+25 LT
STA. b 80+50 - STA. b 83+50 LT

GRUBBING MATERIAL
STA. b 77+75 - STA. b 78+25 LT
STA. b 80+50 - STA. b 83+50 LT

GEOTEXTILE FOR SILT FENCE
STA. b 77+75 - STA. b 78+25 LT
STA. b 80+50 - STA. b 83+50 LT

GEOTEXTILE UNDER STONE FILL
STA. b 77+75 - STA. b 78+25 LT
STA. b 80+50 - STA. b 83+50 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 77+75 - STA. b 83+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 77+75 - STA. b 83+50 (SOLID LT & RT)

REMOVING AND RESETTING FENCE
STA. b 77+75 - STA. b 78+18 LT
STA. b 79+25 - STA. b 81+25 RT
STA. b 81+75 - STA. b 83+50 RT

6 INCH UNDERDRAIN PIPE
77+75 STA. b ~~78+50~~ - STA. b 83+50 LT
~~STA. b 82+50 - STA. b 83+50 RT~~

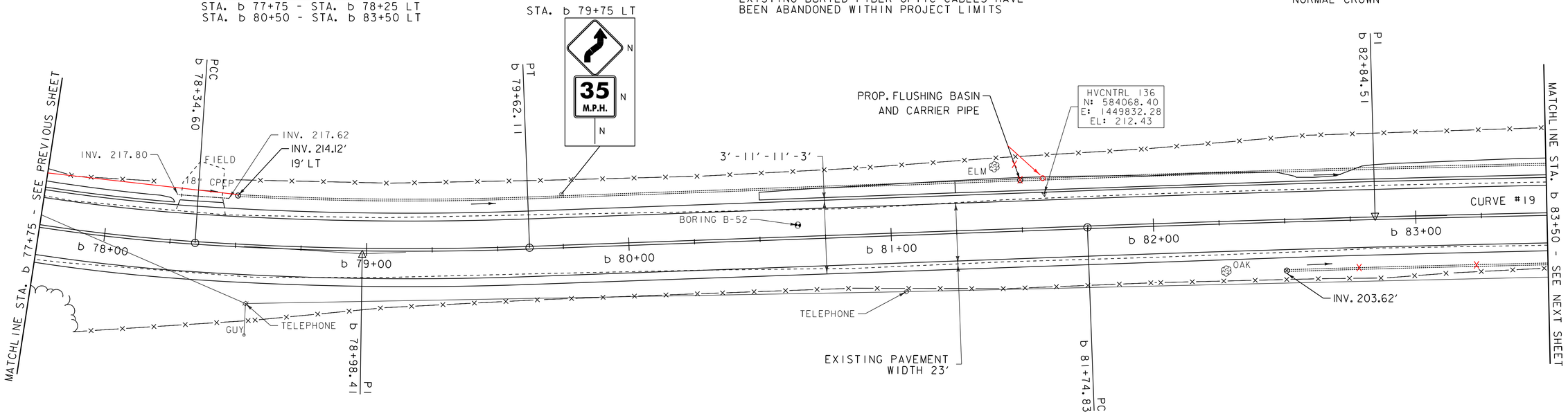
6 INCH UNDERDRAIN CARRIER PIPE
STA. b 78+50 LT STA. b 82+50 RT
STA. b 81+50 LT

UNDERDRAIN FLUSHING BASIN
STA. ~~b 78+50 LT~~ STA. ~~b 82+50 RT~~
STA. ~~b 81+50 LT~~
B 78+70 LT
B 81+60 LT

N
VT STATE PLANE GRID

CURVE #19
DELTA = 1°05'35"
D = 0°29'54"
R = 11500.00'
T = 109.69'
L = 219.36'
NORMAL CROWN

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
15.	STA. b 77+75 - STA. b 81+00	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 42

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_65.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 65 OF 186

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

~~STA. b 83+55.75 - STA. b 84+93.25 RT~~ B 83+58 - B 84+96 RT
~~STA. b 84+49.25 - STA. b 84+99.25 LT~~ B 84+44 - B 85+00 LT
~~STA. b 85+30.75 - STA. b 85+80.75 RT~~ B 85+21- B 85+71RT
~~STA. b 85+36.75 - STA. b 86+74.25 LT~~ B 85+25.25 - B 86+69 LT

STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS

~~STA. b 84+93.25 - STA. b 85+30.75 RT~~ B 84+96 - B 85+21RT
~~STA. b 84+99.25 - STA. b 85+36.75 LT~~ B 85+00.25 - B 85+25.5 LT

ANCHOR FOR STEEL BEAM RAIL

~~STA. b 83+55.75 RT~~ B 83+58 RT
~~STA. b 84+49.25 LT~~ B 84+44 LT
~~STA. b 85+80.75 RT~~ B 85+71RT
~~STA. b 86+74.25 LT~~ B 86+69 LT

STONE FILL, TYPE I

STA. b 83+50 - STA. b 86+25 LT
STA. b 84+00 - STA. b 85+40 RT

GRUBBING MATERIAL

STA. b 83+50 - STA. b 86+25 LT
STA. b 84+00 - STA. b 85+40 RT

GEOTEXTILE FOR SILT FENCE

STA. b 83+50 - STA. b 86+25 LT
STA. b 84+00 - STA. b 85+40 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)

STA. b 83+50 - STA. b 89+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. b 83+50 - STA. b 89+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)

STA. b 83+50 - STA. b 89+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. b 83+50 - STA. b 89+25 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE

STA. b 83+50 - STA. b ~~84+50~~ LT 84+60 LT
STA. ~~b 83+50 - STA. b 83+75 RT~~
STA. ~~b 85+75 - STA. b 87+50 RT~~

6 INCH UNDERDRAIN CARRIER PIPE

STA. b 87+50 RT

UNDERDRAIN FLUSHING BASIN

STA. b 87+50 RT

REMOVING AND RESETTING FENCE

STA. b 83+50 - STA. b 84+30 RT
STA. b 85+39 - STA. b 86+73 RT

GEOTEXTILE UNDER STONE FILL

STA. b 83+50 - STA. b 86+25 LT
STA. b 84+00 - STA. b 85+40 RT

NOTE:

EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

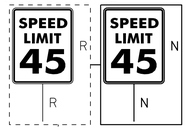
6" UNDERDRAIN PIPE

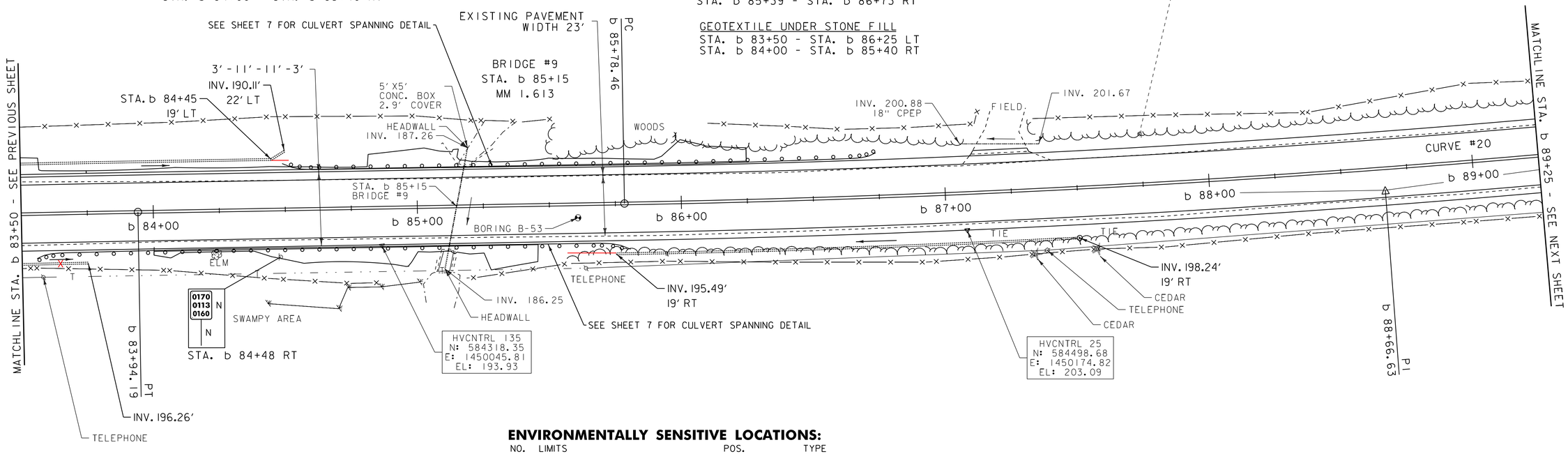
B 85+60 - B 87+50 RT

N

VT STATE PLANE GRID

STA. b 87+74 LT





ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
16.	STA. b 84+50 - STA. b 85+75	RT	EM
17.	STA. b 84+75 - STA. b 85+75	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

REMOVING SIGNS

AS SHOWN - 1

CURVE #20
DELTA = 6°35'50"
D = 1°08'45"
R = 5000.00'
T = 288.17'
L = 575.71'
REVERSE CROWN
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS FOR BANKING INFORMATION

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 43

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_66.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 66 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 89+25 - STA. b 94+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 89+25 - STA. b 94+75 (SOLID LT & RT)

STONE FILL, TYPE I
STA. b 91+75 - STA. b 92+25 RT
STA. b 93+75 - STA. b 94+75 LT
STA. b 93+75 - STA. b 94+25 RT

GRUBBING MATERIAL
STA. b 91+75 - STA. b 92+25 RT
STA. b 93+75 - STA. b 94+75 LT
STA. b 93+75 - STA. b 94+25 RT

GEOTEXTILE FOR SILT FENCE
STA. b 91+75 - STA. b 92+25 RT
STA. b 93+75 - STA. b 94+75 LT
STA. b 93+75 - STA. b 94+25 RT

GEOTEXTILE UNDER STONE FILL
STA. b 91+75 - STA. b 92+25 RT
STA. b 93+75 - STA. b 94+75 LT
STA. b 93+75 - STA. b 94+25 RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
~~STA. b 94+19.75~~ - STA. b 94+75 RT
B 92+37
ANCHOR FOR STEEL BEAM RAIL
~~STA. b 94+19.75 RT~~
B 92+37 RT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 89+25 - STA. b 94+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 89+25 - STA. b 94+75 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. b ~~90+00~~ 91+00 - STA. b ~~94+50~~ 94+75 LT

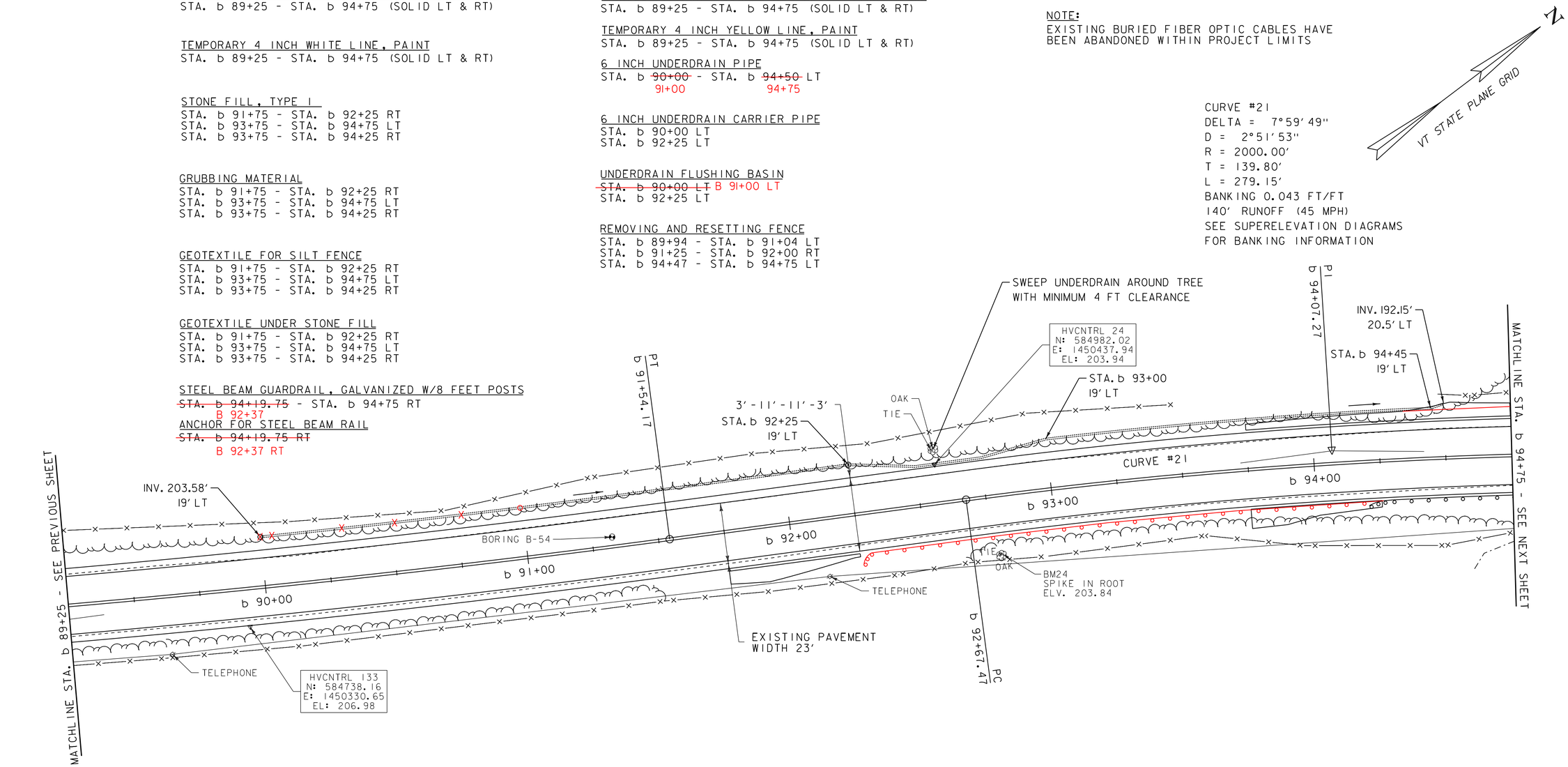
6 INCH UNDERDRAIN CARRIER PIPE
STA. b 90+00 LT
STA. b 92+25 LT

UNDERDRAIN FLUSHING BASIN
~~STA. b 90+00 LT~~ B 91+00 LT
STA. b 92+25 LT

REMOVING AND RESETTING FENCE
STA. b 89+94 - STA. b 91+04 LT
STA. b 91+25 - STA. b 92+00 RT
STA. b 94+47 - STA. b 94+75 LT

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

CURVE #21
DELTA = 7°59'49"
D = 2°51'53"
R = 2000.00'
T = 139.80'
L = 279.15'
BANKING 0.043 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS FOR BANKING INFORMATION



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 44

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_67.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 67 OF 186

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. b 94+75 - STA. b ~~95+57.25 RT~~ B 95+62 RT
~~STA. b 95+17.25 - STA. b 95+67.25 LT~~ B 95+08.5 - B 95+71LT
~~STA. b 95+94.75 - STA. b 96+44.75 RT~~ B 95+87 - B 96+49.5 RT
~~STA. b 96+04.75 - STA. b 97+42.25 LT~~ B 95+96 - B 100+50 LT

STEEL BEAM GUARDRAIL,
GALVANIZED/NESTED W/8 FEET POSTS
~~STA. b 95+57.25 - STA. b 95+94.75 RT~~ B 95+62 - B 95+87 RT
~~STA. b 95+67.25 - STA. b 96+04.75 LT~~ B 95+71 - B 95+96 LT

ANCHOR FOR STEEL BEAM RAIL
~~STA. b 95+17.25 LT~~ B 95+08.5 LT
~~STA. b 96+44.75 RT~~ B 96+49.5 RT
~~STA. b 97+42.25 LT~~

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 94+75 - STA. b 100+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 94+75 - STA. b 100+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 94+75 - STA. b 100+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 94+75 - STA. b 100+50 (SOLID LT & RT)

REMOVING AND RESETTING FENCE
STA. b 94+75 - STA. b 94+88 LT
STA. b 98+14 - STA. b 98+84 LT

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE
BEEN ABANDONED WITHIN PROJECT LIMITS

6 INCH UNDERDRAIN PIPE
STA. b 100+00 - STA. b 100+50 RT

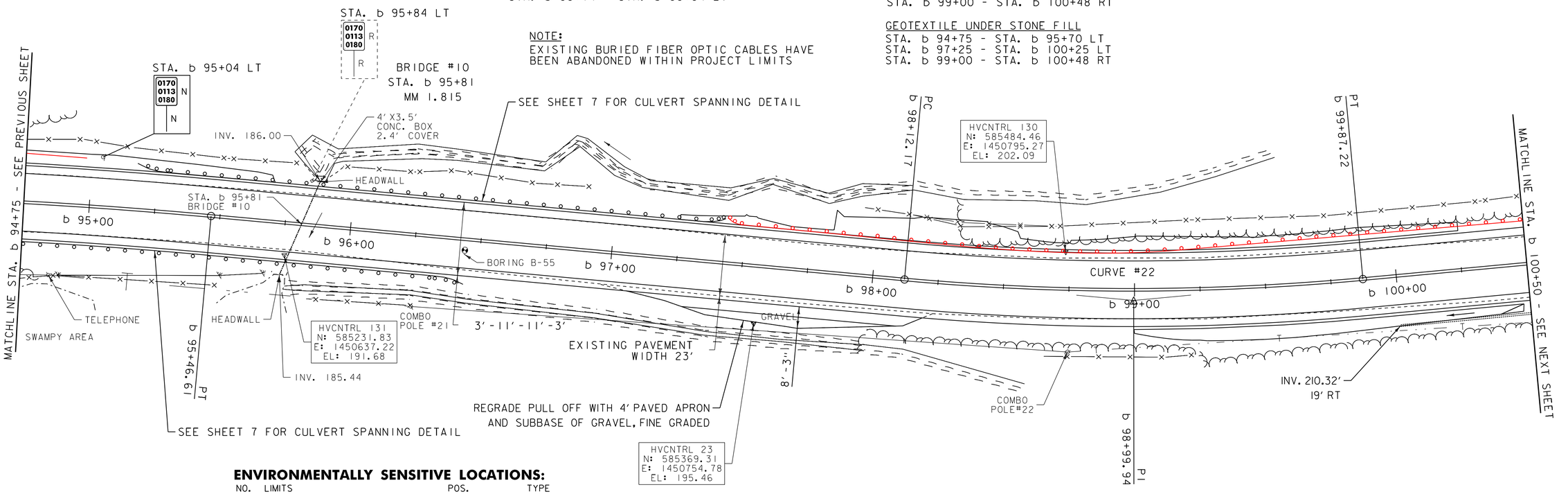
6" UNDERDRAIN PIPE
B 94+75 - B 95+00 LT

STONE FILL, TYPE I
STA. b 94+75 - STA. b 95+70 LT
STA. b 97+25 - STA. b 100+25 LT
STA. b 99+00 - STA. b 100+48 RT

GRUBBING MATERIAL
STA. b 94+75 - STA. b 95+70 LT
STA. b 97+25 - STA. b 100+25 LT
STA. b 99+00 - STA. b 100+48 RT

GEOTEXTILE FOR SILT FENCE
STA. b 94+75 - STA. b 95+70 LT
STA. b 97+25 - STA. b 100+25 LT
STA. b 99+00 - STA. b 100+48 RT

GEOTEXTILE UNDER STONE FILL
STA. b 94+75 - STA. b 95+70 LT
STA. b 97+25 - STA. b 100+25 LT
STA. b 99+00 - STA. b 100+48 RT



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
18.	STA. b 94+75 - STA. b 98+25	LT	EM/ WATERCOURSE
	STA. b 95+00 - STA. b 100+00	RT	EM/ WATERCOURSE

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

CURVE #22
DELTA = 10°33'28"
D = 6°01'52"
R = 950.00'
T = 87.78'
L = 175.05'
BANKING 0.069 FT/FT
160' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 45

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_68.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 68 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 100+50 - STA. b 106+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 100+50 - STA. b 106+50 (SOLID LT & RT)

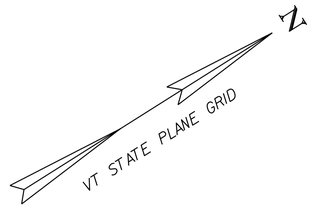
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 100+50 - STA. b 106+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 100+50 - STA. b 106+50 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. b 100+50 - STA. b ~~104+25~~ RT 104+20
STA. b 104+50 - STA. b 106+50 RT

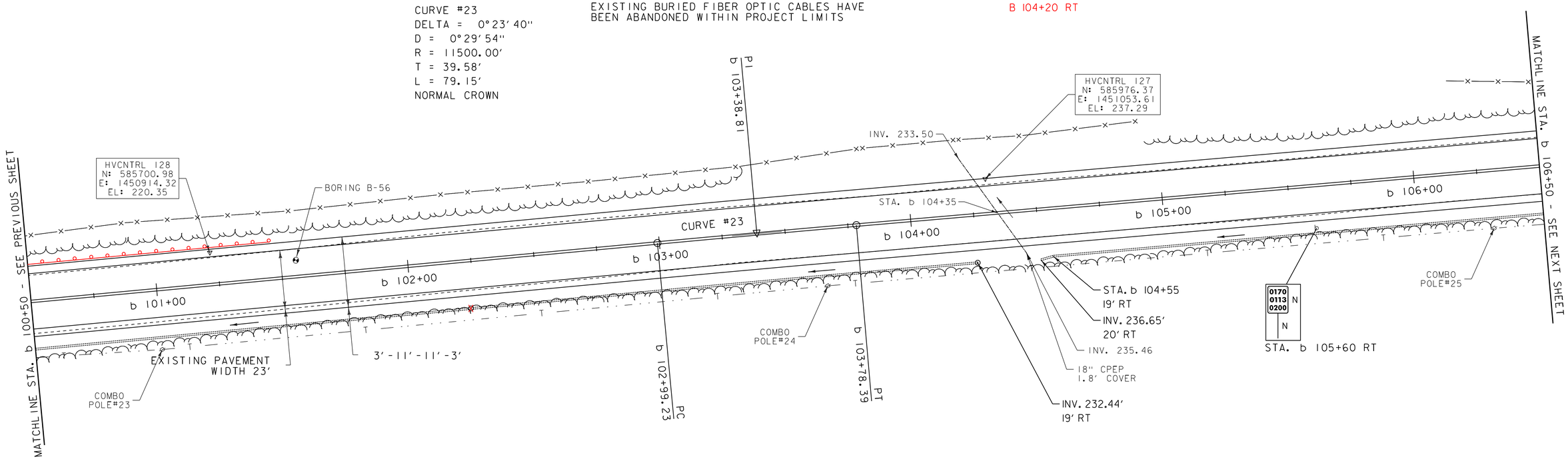
6 INCH UNDERDRAIN CARRIER PIPE
STA. b 102+25 RT
STA. b 104+25 RT

UNDERDRAIN FLUSHING BASIN
STA. ~~b 102+25 RT~~
STA. ~~b 104+25 RT~~
B 104+20 RT



CURVE #23
DELTA = 0°23'40"
D = 0°29'54"
R = 11500.00'
T = 39.58'
L = 79.15'
NORMAL CROWN

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS



STEEL BEAM GUARDRAIL
B 100+50 - B 101+46 LT

ANCHOR FOR STEEL BEAM
B 101+46 LT

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
20.	STA. b 101+50 - STA. b 104+50	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 46

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_69.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 69 OF 186

STONE FILL, TYPE I
STA. b 111+75 - STA. b 112+25 LT

GRUBBING MATERIAL
STA. b 111+75 - STA. b 112+25 LT

GEOTEXTILE FOR SILT FENCE
STA. b 111+75 - STA. b 112+25 LT

GEOTEXTILE UNDER STONE FILL
STA. b 111+75 - STA. b 112+25 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 106+50 - STA. b 112+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 106+50 - STA. b 112+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 106+50 - STA. b 112+25 (SOLID LT & RT)

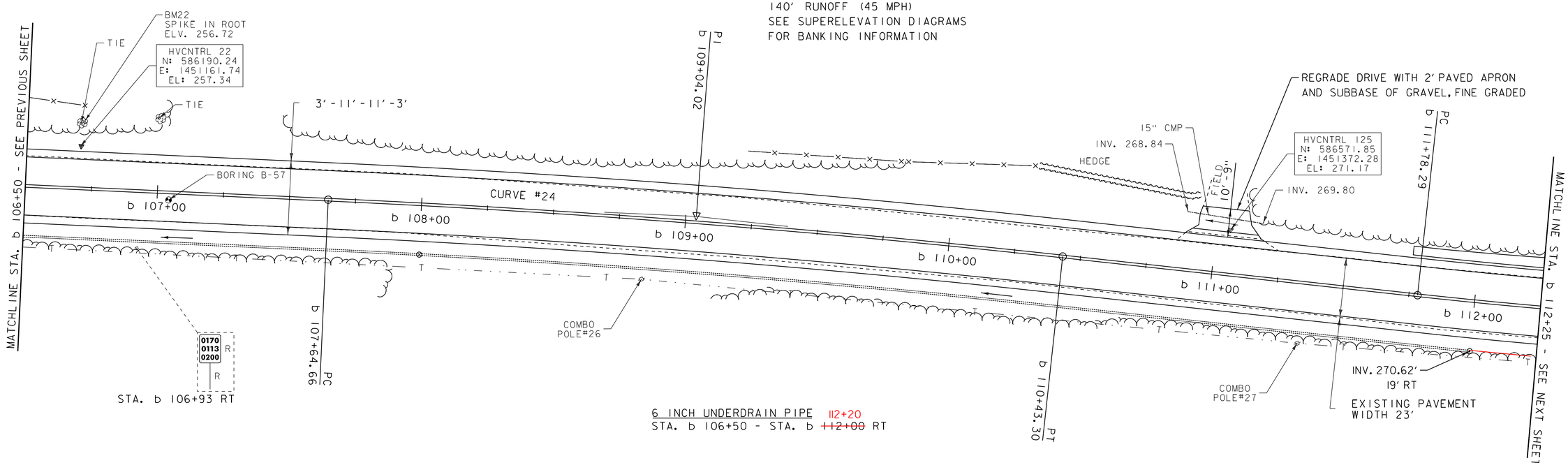
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 106+50 - STA. b 112+25 (SOLID LT & RT)

N

VT STATE PLANE GRID

CURVE #24
DELTA = 3°37'42"
D = 1°18'08"
R = 4400.00'
T = 139.36'
L = 278.63'
BANKING 0.022 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE
BEEN ABANDONED WITHIN PROJECT LIMITS



6 INCH UNDERDRAIN PIPE 112+20
STA. b 106+50 - STA. b ~~112+00~~ RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. b 108+00 RT
STA. b 112+00 RT

UNDERDRAIN FLUSHING BASIN
STA. b 108+00 RT
STA. b 112+00 RT

REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 47

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_70.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 70 OF 186

STONE FILL, TYPE I
STA. b 112+25 - STA. b 114+25 LT

GRUBBING MATERIAL
STA. b 112+25 - STA. b 114+25 LT

GEOTEXTILE FOR SILT FENCE
STA. b 112+25 - STA. b 114+25 LT

GEOTEXTILE UNDER STONE FILL
STA. b 112+25 - STA. b 114+25 LT

CURVE #25
DELTA = 8°46'08"
D = 2°36'16"
R = 2200.00'
T = 168.68'
L = 336.70'
BANKING 0.04 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. b 112+25 - STA. b 117+45.96 (SOLID LT & RT)
STA. c 0+00 - STA. c 0+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. b 112+25 - STA. b 117+45.96 (SOLID LT & RT)
STA. c 0+00 - STA. c 0+50 (SOLID LT & RT)

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE
BEEN ABANDONED WITHIN PROJECT LIMITS

REMOVING AND RESETTING FENCE
STA. b 112+94 - STA. b 114+21 LT
STA. c 0+00 - STA. c 0+50 LT

6" UNDERDRAIN PIPE
B 115+30 - C 0+50 LT

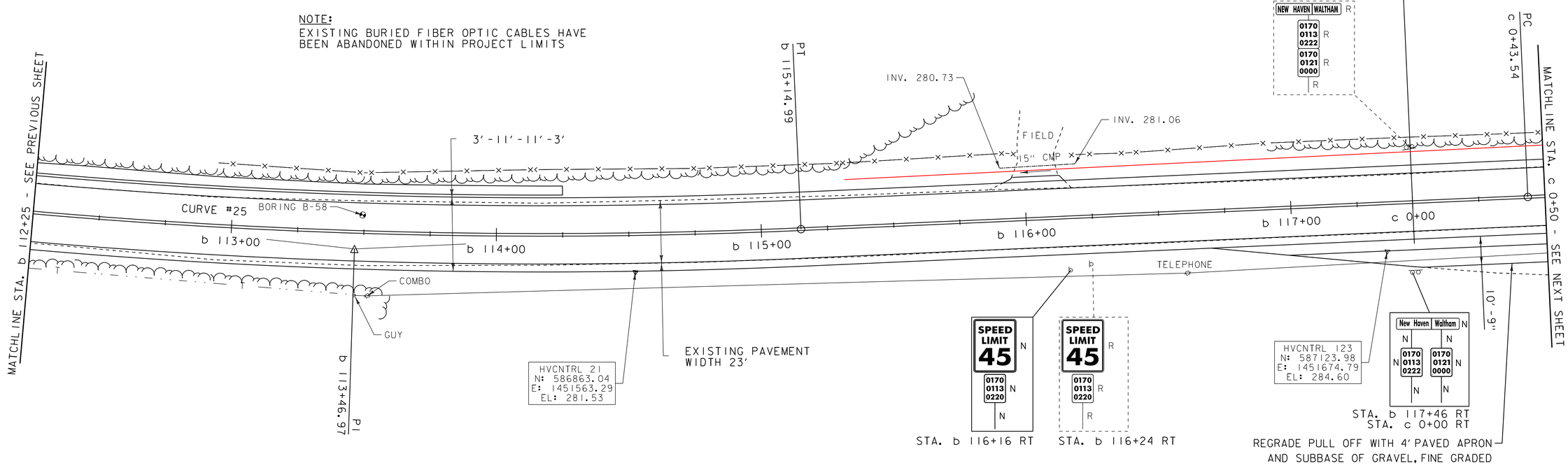
VT STATE PLANE GRID

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. b 112+25 - STA. b 117+45.96 (SOLID LT & RT)
STA. c 0+00 - STA. c 0+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. b 112+25 - STA. b 117+45.96 (SOLID LT & RT)
STA. c 0+00 - STA. c 0+50 (SOLID LT & RT)

NEW HAVEN STA. b 117+45.96 (MM 2.225) =
WALTHAM STA. c 0+00.00 (MM 0.000)

STA. b 117+46 LT
STA. c 0+00 LT



REMOVING SIGNS
AS SHOWN - 5

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 48

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_71.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 71 OF 186

CURVE #1
DELTA = 20°51'51"
D = 1°50'54" (1) D = 5°27'24" (2)
R = 3100.00' (1) R = 1050.00' (2)
T = 342.27' (1) T = 212.40' (2)
L = 252.49' (1) L = 296.84' (2)
BANKING 0.03 FT/FT / 0.066
RUNOFF 140' / 150' (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

STONE FILL, TYPE I
STA. c 2+30 - STA. c 2+45 RT
STA. c 5+25 - STA. c 6+25 LT

GRUBBING MATERIAL
STA. c 2+30 - STA. c 2+45 RT
STA. c 5+25 - STA. c 6+25 LT

GEOTEXTILE FOR SILT FENCE
STA. c 2+30 - STA. c 2+45 RT
STA. c 5+25 - STA. c 6+25 LT

GEOTEXTILE UNDER STONE FILL
STA. c 2+30 - STA. c 2+45 RT
STA. c 5+25 - STA. c 6+25 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 0+50 - STA. c 6+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 0+50 - STA. c 6+25 (SOLID LT & RT)

REMOVING AND RESETTING FENCE
STA. c 0+50 - STA. c 2+50 LT
STA. c 3+50 - STA. c 4+50 LT

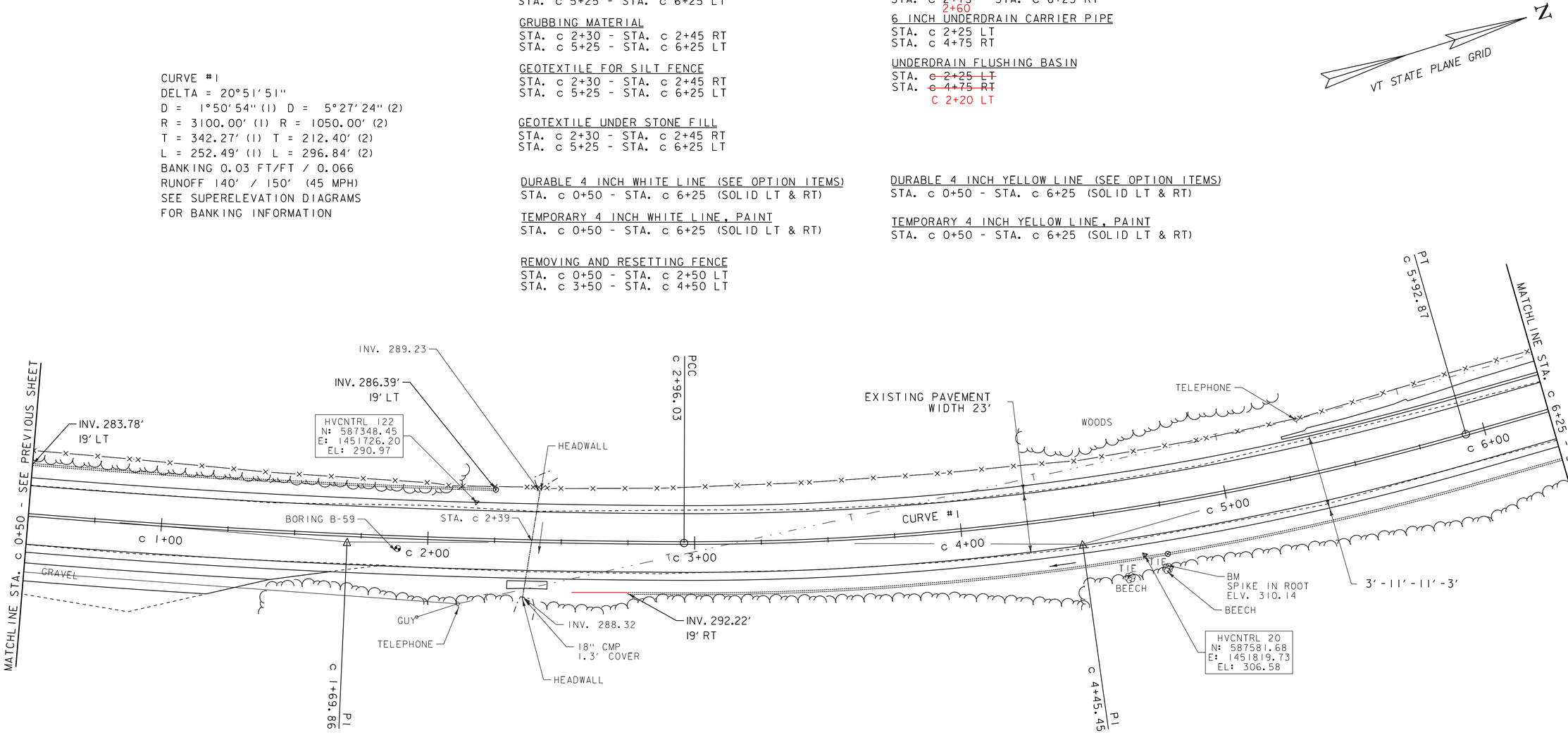
6 INCH UNDERDRAIN PIPE
STA. c 0+50 - STA. c ~~2+25~~ LT C 2+20
STA. c ~~2+75~~ - STA. c 6+25 RT
2+60

6 INCH UNDERDRAIN CARRIER PIPE
STA. c 2+25 LT
STA. c 4+75 RT

UNDERDRAIN FLUSHING BASIN
STA. ~~c 2+25 LT~~
STA. ~~c 4+75 RT~~
C 2+20 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 0+50 - STA. c 6+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 0+50 - STA. c 6+25 (SOLID LT & RT)



NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
21.	STA. c 0+00 - STA. c 6+25	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 49

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_72.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 72 OF 186

STONE FILL, TYPE I
STA. c 6+25 - STA. c 8+25 LT

GRUBBING MATERIAL
STA. c 6+25 - STA. c 8+25 LT

GEOTEXTILE FOR SILT FENCE
STA. c 6+25 - STA. c 8+25 LT

GEOTEXTILE UNDER STONE FILL
STA. c 6+25 - STA. c 8+25 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. c ~~9+45.00~~ 9+50.00 - STA. c 12+25 LT

ANCHOR FOR STEEL BEAM RAIL
STA. c ~~9+45.00 LT~~ 9+50 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. c 9+45.00 - STA. c 12+25 LT

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 6+25 - STA. c 12+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 6+25 - STA. c 12+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 6+25 - STA. c 12+25 (SOLID LT & RT)

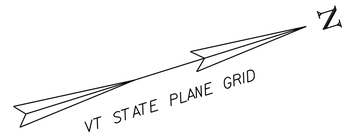
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 6+25 - STA. c 12+25 (SOLID LT & RT)

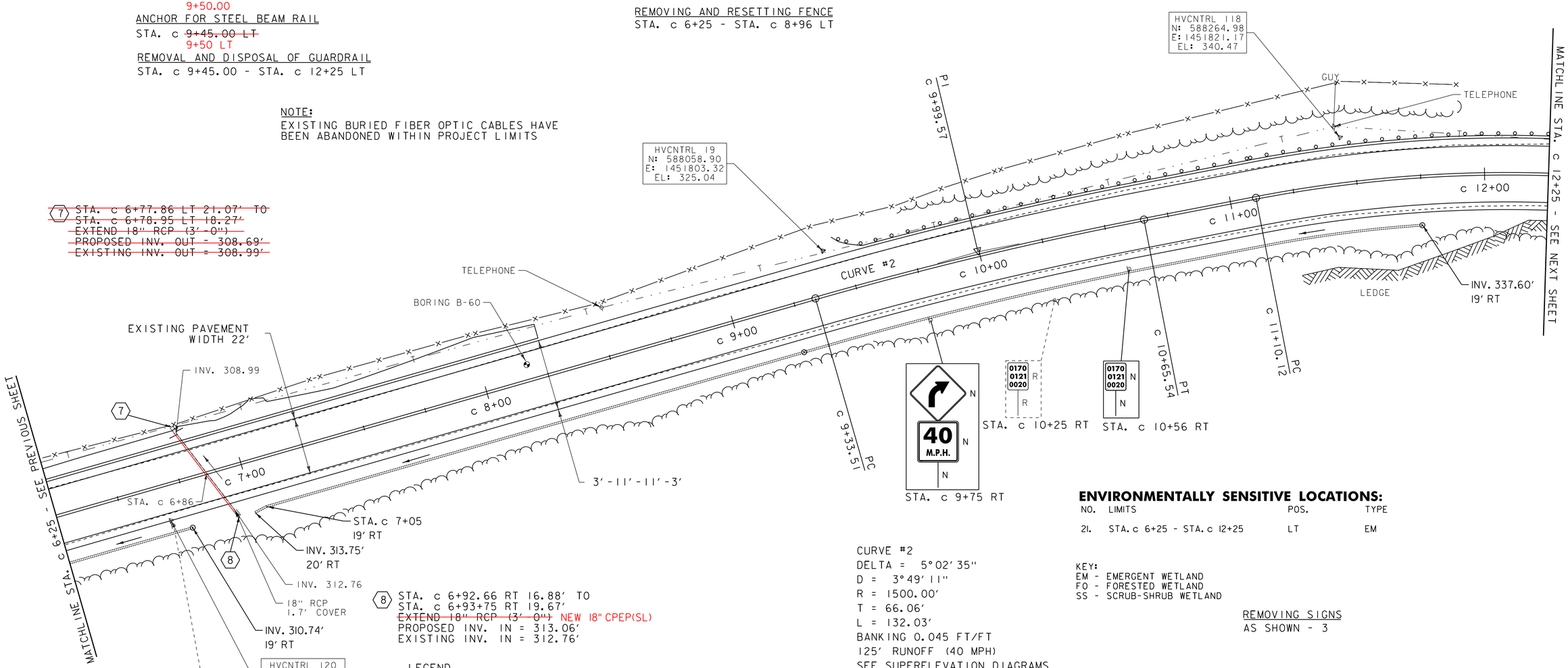
REMOVING AND RESETTING FENCE
STA. c 6+25 - STA. c 8+96 LT

6 INCH UNDERDRAIN PIPE
STA. c 6+25 - STA. c ~~6+75~~ RT 6+74
STA. c 7+00 - STA. c 11+75 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. c 6+75 RT STA. c 11+75 RT
STA. c 9+25 RT

UNDERDRAIN FLUSHING BASIN
STA. ~~c 6+75 RT~~ STA. ~~c 11+75 RT~~
STA. ~~c 9+25 RT~~ C 11+75 RT
C 6+74 RT





7 ~~STA. c 6+77.86 LT 21.07' TO~~
~~STA. c 6+78.95 LT 18.27'~~
~~EXTEND 18" RCP (3'-0")~~
~~PROPOSED INV. OUT = 308.69'~~
~~EXISTING INV. OUT = 308.99'~~

8 STA. c 6+92.66 RT 16.88' TO
STA. c 6+93+75 RT 19.67'
~~EXTEND 18" RCP (3'-0")~~ NEW 18" CPEP(SL)
PROPOSED INV. IN = 313.06'
EXISTING INV. IN = 312.76'

CURVE #2
DELTA = 5°02'35"
D = 3°49'11"
R = 1500.00'
T = 66.06'
L = 132.03'
BANKING 0.045 FT/FT
125' RUNOFF (40 MPH)
SEE SUPERELEVATION DIAGRAMS FOR BANKING INFORMATION

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
21.	STA. c 6+25 - STA. c 12+25	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

REMOVING SIGNS
AS SHOWN - 3

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 50

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_73.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 73 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 12+25 - STA. c 17+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 12+25 - STA. c 17+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 12+25 - STA. c 17+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 12+25 - STA. c 17+75 (SOLID LT & RT)

CURVE #3
DELTA = 51°37'33"
D = 11°07'31" (1) D = 3°10'59" (2)
R = 515.00' (1) R = 1800.00' (2)
T = 256.65' (1) T = 367.58' (2)
L = 414.60' (1) L = 172.79' (2)
BANKING 0.078 FT/FT / 0.04 FT/FT
RUNOFF 160' / 125' (40 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

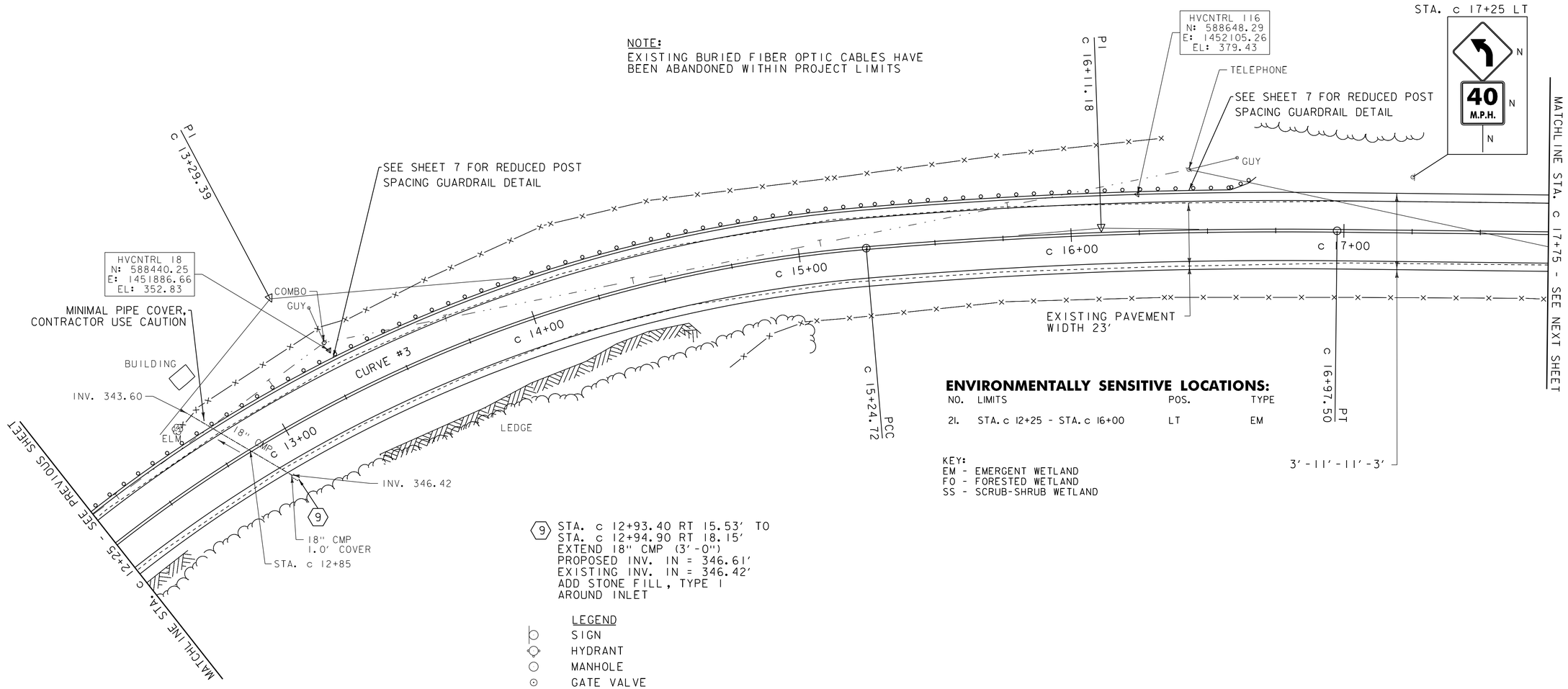
STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. c 12+25 - STA. c 16+70 LT

ANCHOR FOR STEEL BEAM RAIL
STA. c 16+70 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. c 12+25 - STA. c 16+70 LT

N
VT STATE PLANE GRID

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE
BEEN ABANDONED WITHIN PROJECT LIMITS



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
21.	STA. c 12+25 - STA. c 16+00	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

(9) STA. c 12+93.40 RT 15.53' TO
STA. c 12+94.90 RT 18.15'
EXTEND 18" CMP (3'-0")
PROPOSED INV. IN = 346.61'
EXISTING INV. IN = 346.42'
ADD STONE FILL, TYPE I
AROUND INLET

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 51

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_74.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 74 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 17+75 - STA. c 23+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #4)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 17+75 - STA. c 23+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #4)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 17+75 - STA. c 23+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #4)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 17+75 - STA. c 23+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #4)

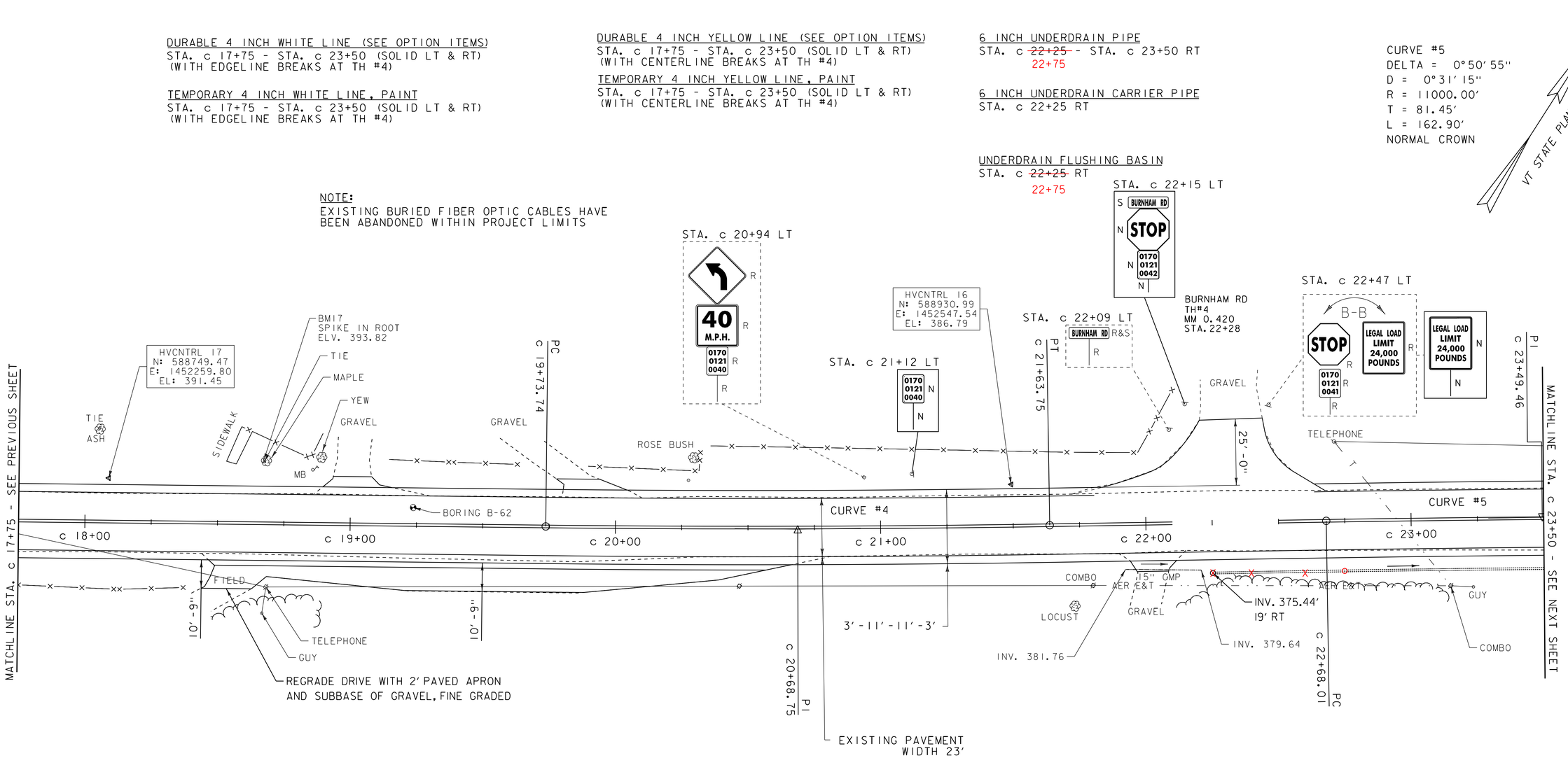
6 INCH UNDERDRAIN PIPE
STA. c ~~22+25~~ 22+75 - STA. c 23+50 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. c 22+25 RT

UNDERDRAIN FLUSHING BASIN
STA. c ~~22+25~~ 22+75 RT

CURVE #5
DELTA = 0°50'55"
D = 0°31'15"
R = 11000.00'
T = 81.45'
L = 162.90'
NORMAL CROWN

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE
BEEN ABANDONED WITHIN PROJECT LIMITS



CURVE #4
DELTA = 1°33'19"
D = 0°49'07"
R = 7000.00'
T = 95.01'
L = 190.01'
NORMAL CROWN

REMOVING SIGNS
AS SHOWN - 7

ERECTING SALVAGED SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 52

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_75.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 75 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 23+50 - STA. c 29+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 23+50 - STA. c 29+50 (SOLID LT & RT)

STONE FILL, TYPE I
STA. c 25+75 - STA. c 27+00 LT
STA. c 29+25 - STA. c 29+50 LT

GRUBBING MATERIAL
STA. c 25+75 - STA. c 27+00 LT
STA. c 29+25 - STA. c 29+50 LT

GEOTEXTILE FOR SILT FENCE
STA. c 25+75 - STA. c 27+00 LT
STA. c 29+25 - STA. c 29+50 LT

GEOTEXTILE UNDER STONE FILL
STA. c 25+75 - STA. c 27+00 LT
STA. c 29+25 - STA. c 29+50 LT

6 INCH UNDERDRAIN PIPE
STA. c 23+50 - STA. c ~~24+75~~ RT 26+35
STA. c ~~26+50~~ - STA. c 29+50 RT
26+60

6 INCH UNDERDRAIN CARRIER PIPE
STA. c 26+50 RT

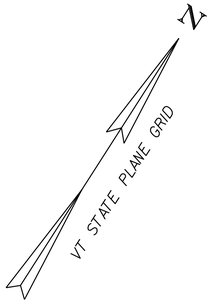
UNDERDRAIN FLUSHING BASIN
STA. c ~~26+50~~ RT
26+60

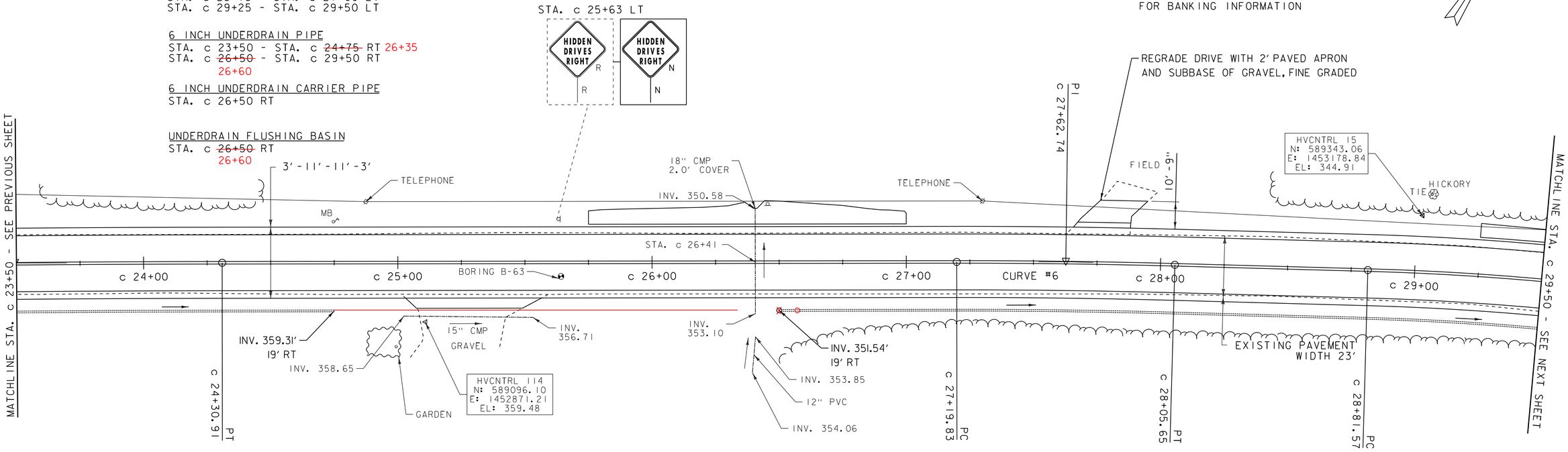
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 23+50 - STA. c 29+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 23+50 - STA. c 29+50 (SOLID LT & RT)

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

CURVE #6
DELTA = 1°38'20"
D = 1°54'35"
R = 3000.00'
T = 42.91'
L = 85.81'
BANKING 0.031 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION





ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
22.	STA. c 24+75 - STA. c 27+50	LT	EM
23.	STA. c 26+25 - STA. c 26+75	RT	EM
24.	STA. c 29+25 - STA. c 29+50	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 53

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_76.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 76 OF 186

CURVE #7
DELTA = 12°39'39"
D = 5°12'31"
R = 1100.00'
T = 122.03'
L = 243.07'
BANKING 0.064 FT/FT
145' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

STONE FILL, TYPE I
STA. c 29+50 - STA. c 34+50 LT

GRUBBING MATERIAL
STA. c 29+50 - STA. c 34+50 LT

GEOTEXTILE FOR SILT FENCE
STA. c 29+50 - STA. c 34+50 LT

GEOTEXTILE STONE FILL
STA. c 29+50 - STA. c 34+50 LT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 29+50 - STA. c 34+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 29+50 - STA. c 34+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 29+50 - STA. c 34+50 (SOLID LT & RT)

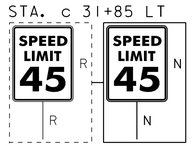
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 29+50 - STA. c 34+50 (SOLID LT & RT)

6 INCH UNDERDRAIN PIPE
STA. c 29+50 - STA. c ~~33+25~~ RT 33+45
STA. c ~~33+75~~ - STA. c 34+50 RT
33+70

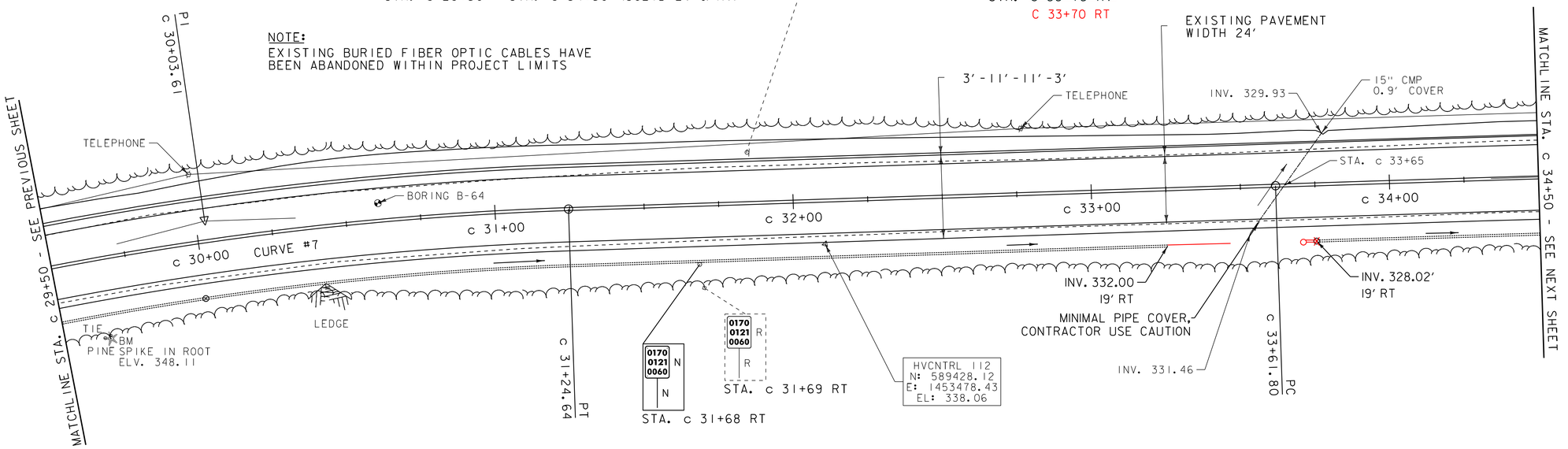
6 INCH UNDERDRAIN CARRIER PIPE
STA. c 30+00 RT
STA. c 33+75 RT

UNDERDRAIN FLUSHING BASIN
STA. ~~c 30+00 RT~~
STA. ~~c 33+75 RT~~
C 33+70 RT

STA. c 31+85 LT



NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE
BEEN ABANDONED WITHIN PROJECT LIMITS



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
24.	STA. c 29+50 - STA. c 34+50	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

REMOVING SIGNS
AS SHOWN - 2

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 54

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_77.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 77 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 34+50 - STA. c 40+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #1 & TH #17)
STA. c 37+30 LT (EDGELINES TH #1)
STA. c 37+30 RT (EDGELINES TH #17)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 34+50 - STA. c 40+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #1 & TH #17)
STA. c 37+30 LT (EDGELINES TH #1)
STA. c 37+30 RT (EDGELINES TH #17)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 34+50 - STA. c 40+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #1 & TH #17)
STA. c 37+30 LT (CENTERLINE TH #1)
STA. c 37+30 RT (CENTERLINE TH #17)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 34+50 - STA. c 40+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #1 & TH #17)
STA. c 37+30 LT (CENTERLINE TH #1)
STA. c 37+30 RT (CENTERLINE TH #17)

DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. c 37+06 - STA. c 37+32 LT (TH #1)
STA. c 37+31 - STA. c 37+52 RT (TH #17)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. c 37+06 - STA. c 37+32 LT (TH #1)
STA. c 37+31 - STA. c 37+52 RT (TH #17)

DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. c 37+25 LT "STOP" (TH #1)
STA. c 37+37 RT "STOP" (TH #17)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. c 37+25 LT "STOP" (TH #1)
STA. c 37+37 RT "STOP" (TH #17)

STONE FILL, TYPE I
STA. c 34+50 - STA. c 36+70 LT

GRUBBING MATERIAL
STA. c 34+50 - STA. c 36+70 LT

GEOTEXTILE FOR SILT FENCE
STA. c 34+50 - STA. c 36+70 LT

GEOTEXTILE UNDER STONE FILL
STA. c 34+50 - STA. c 36+70 LT

N

VT STATE PLANE GRID

STA. c 37+11 LT

STA. c 37+52 LT

STA. c 37+00 LT

GREEN ST
TH#1
MM 0.710
STA. 37+30

CURVE #8
DELTA = 0°22'04"
D = 0°11'28"
R = 30000.00'
T = 96.31'
L = 192.61'
NORMAL CROWN

PI c 34+58.11

PAVED

EXISTING PAVEMENT
WIDTH 24'

GUY
TELEPHONE
18" CMP
1.1' COVER
INV. 321.94
STA. c 36+88
R 35'-0"
R 50'-0"
R 30'-0"
R 25'-0"
25'-0"
FIELD
TELEPHONE
INV. 315.35
STA. c 40+44
c 35+00
c 36+00
c 37+00
c 38+00
c 39+00
c 40+00
CURVE #8
BORING B-65
INV. 325.11'
19' RT
INV. 323.51
INV. 320.42'
19' RT
3'-11'-11'-3'
INV. 317.00'
19' RT
INV. 316.06
18" CMP
2.4' COVER
TIE
HVCNTRL 14
N: 589601.20
E: 1454011.63
EL: 324.53
PEARSON RD R&S
STA. c 37+00 RT
PAVED
PEARSON RD
TH#17
MM 0.710
STA. 37+30
ELECTRIC
TIE
STA. c 37+47 RT
STA. c 37+54 RT
B-B
STA. c 37+08 RT
CONC. PAD
BM14
CHISLE SQUARE
ON CONC. PAD
ELV. 326.29
STA. c 37+11 RT
PT c 35+54.41
STA. c 34+50 - SEE PREVIOUS SHEET
MATCHLINE STA. c 40+50 - SEE NEXT SHEET

6 INCH UNDERDRAIN PIPE
STA. c 34+50 - STA. c ~~36+00 RT~~ 36+90 LT
STA. ~~c 38+00 - STA. c 40+25 RT~~

6 INCH UNDERDRAIN CARRIER PIPE
STA. c 38+00 RT

UNDERDRAIN FLUSHING BASIN
~~STA. c 38+00 RT~~

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 3

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
24.	STA. c 34+50 - STA. c 37+00	LT	EM
25.	STA. c 34+50 - STA. c 37+00	RT	EM/SS
26.	STA. c 37+75 - STA. c 38+25	RT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 55

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_78.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 78 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 40+50 - STA. c 46+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 40+50 - STA. c 46+25 (SOLID LT & RT)

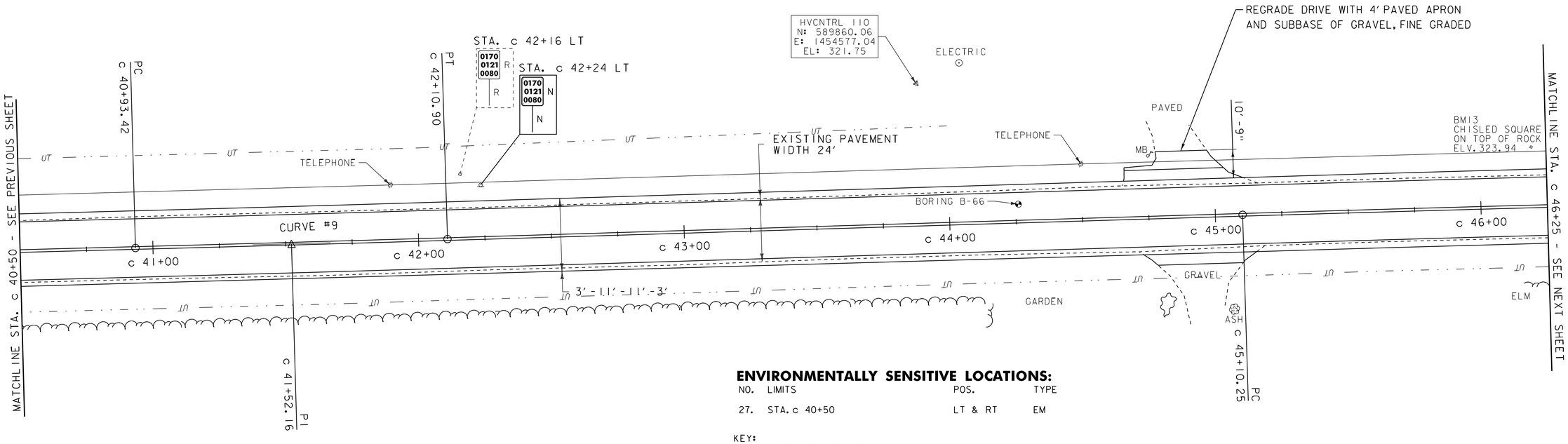
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 40+50 - STA. c 46+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 40+50 - STA. c 46+25 (SOLID LT & RT)

NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

N

VT STATE PLANE GRID



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
27.	STA. c 40+50	LT & RT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

CURVE #9
DELTA = 0° 13' 28"
D = 0° 11' 28"
R = 30000.00'
T = 58.74'
L = 117.48'
NORMAL CROWN

REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 56

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_79.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 79 OF 186

CURVE #10
DELTA = 0°39'24"
D = 0°10'45"
R = 32000.00'
T = 183.38'
L = 366.76'
NORMAL CROWN

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. c 46+25 - STA. c 48+77.02 (SOLID LT & RT)
STA. d 117+45.96 - STA. d 120+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. c 46+25 - STA. c 48+77.02 (SOLID LT & RT)
STA. d 117+45.96 - STA. d 120+50 (SOLID LT & RT)

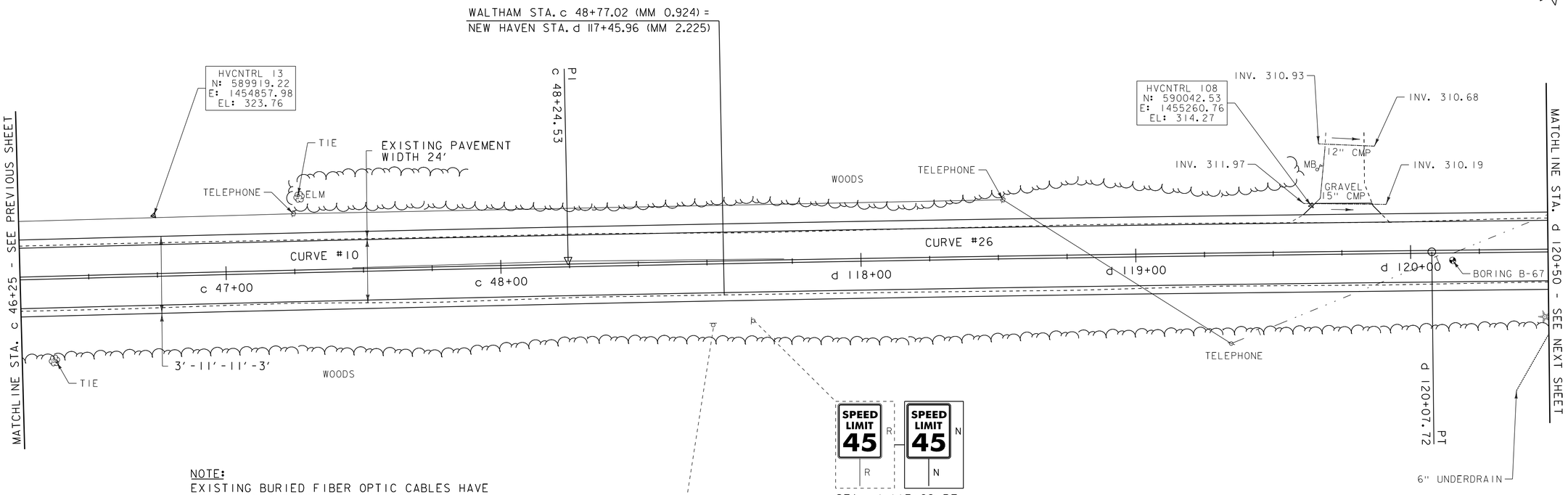
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. c 46+25 - STA. c 48+77.02 (SOLID LT & RT)
STA. d 117+45.96 - STA. d 120+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. c 46+25 - STA. c 48+77.02 (SOLID LT & RT)
STA. d 117+45.96 - STA. d 120+50 (SOLID LT & RT)

CURVE #26
DELTA = 0°28'07"
D = 0°10'45"
R = 32000.00'
T = 130.88'
L = 261.77'
NORMAL CROWN

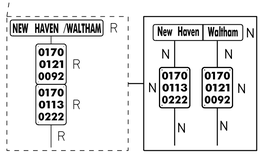
N
VT STATE PLANE GRID

WALTHAM STA. c 48+77.02 (MM 0.924) =
NEW HAVEN STA. d 117+45.96 (MM 2.225)



NOTE:
EXISTING BURIED FIBER OPTIC CABLES HAVE BEEN ABANDONED WITHIN PROJECT LIMITS

STA. d 117+62 RT



STA. c 48+77 RT
STA. d 117+46 RT

REMOVING SIGNS
AS SHOWN - 4

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 57

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_80.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 80 OF 186

STONE FILL, TYPE I
STA. d 122+75 - STA. d 123+75 LT

GRUBBING MATERIAL
STA. d 122+75 - STA. d 123+75 LT

GEOTEXTILE FOR SILT FENCE
STA. d 122+75 - STA. d 123+75 LT

GEOTEXTILE UNDER STONE FILL
STA. d 122+75 - STA. d 123+75 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
~~STA. d 122+22.75 - STA. d 123+04 RT~~ D 122+33 - D 123+83 RT
STA. d 122+47.75 - STA. d 123+04 RT
STA. d 123+29 - STA. d 124+72.75 LT
~~STA. d 123+29 - STA. d 123+85.25 RT~~

STEEL BEAM GUARDRAIL,
GALVANIZED/NESTED W/8 FEET POSTS
~~STA. d 123+04 - STA. d 123+29 LT~~
~~STA. d 123+04 - STA. d 123+29 RT~~

ANCHOR FOR STEEL BEAM RAIL
~~STA. d 122+22.75 RT~~ D 122+33 RT
STA. d 122+47.75 LT
STA. d 123+85.25 RT
STA. d 124+72.75 LT

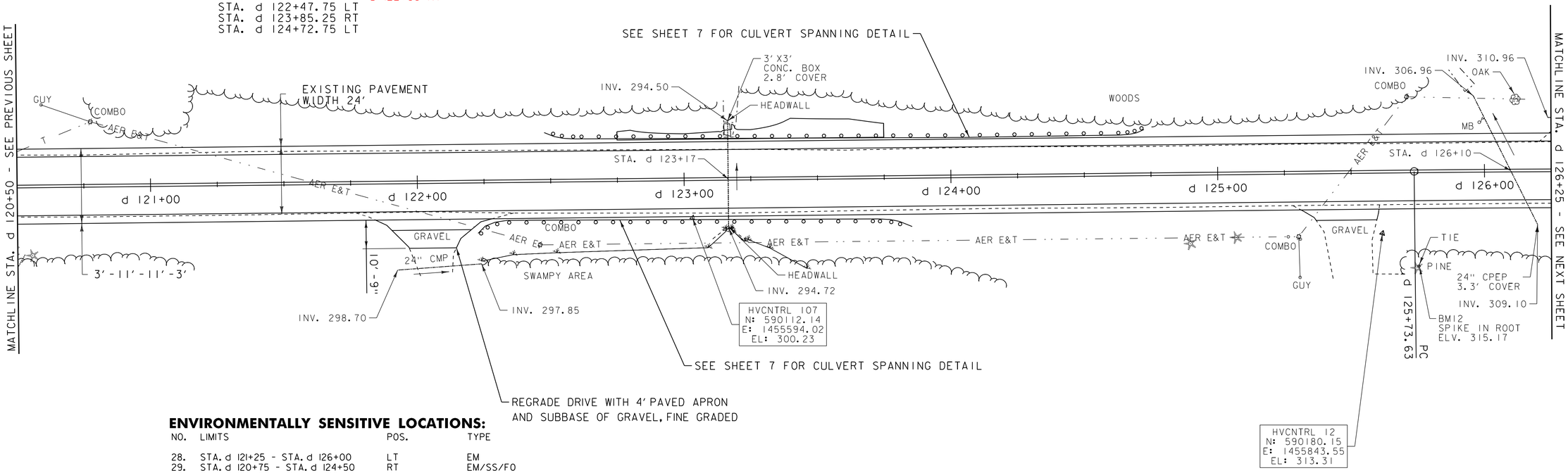
DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 120+50 - STA. d 126+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 120+50 - STA. d 126+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 120+50 - STA. d 126+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 120+50 - STA. d 126+25 (SOLID LT & RT)

N
VT STATE PLANE GRID



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
28.	STA. d 121+25 - STA. d 126+00	LT	EM
29.	STA. d 120+75 - STA. d 124+50	RT	EM/SS/FO
30.	STA. d 126+00 - STA. d 126+25	RT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 58

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_81.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 81 OF 186

CURVE #27
DELTA = 1°39'42"
D = 0°42'58"
R = 8000.00'
T = 116.02'
L = 232.03'
NORMAL CROWN

STONE FILL, TYPE 1
STA. d 129+75 - STA. d 130+85 RT

GRUBBING MATERIAL
STA. d 129+75 - STA. d 130+85 RT

GEOTEXTILE FOR SILT FENCE
STA. d 129+75 - STA. d 130+85 RT

GEOTEXTILE UNDER STONE FILL
STA. d 129+75 - STA. d 130+85 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 126+25 - STA. d 131+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 126+25 - STA. d 131+75 (SOLID LT & RT)

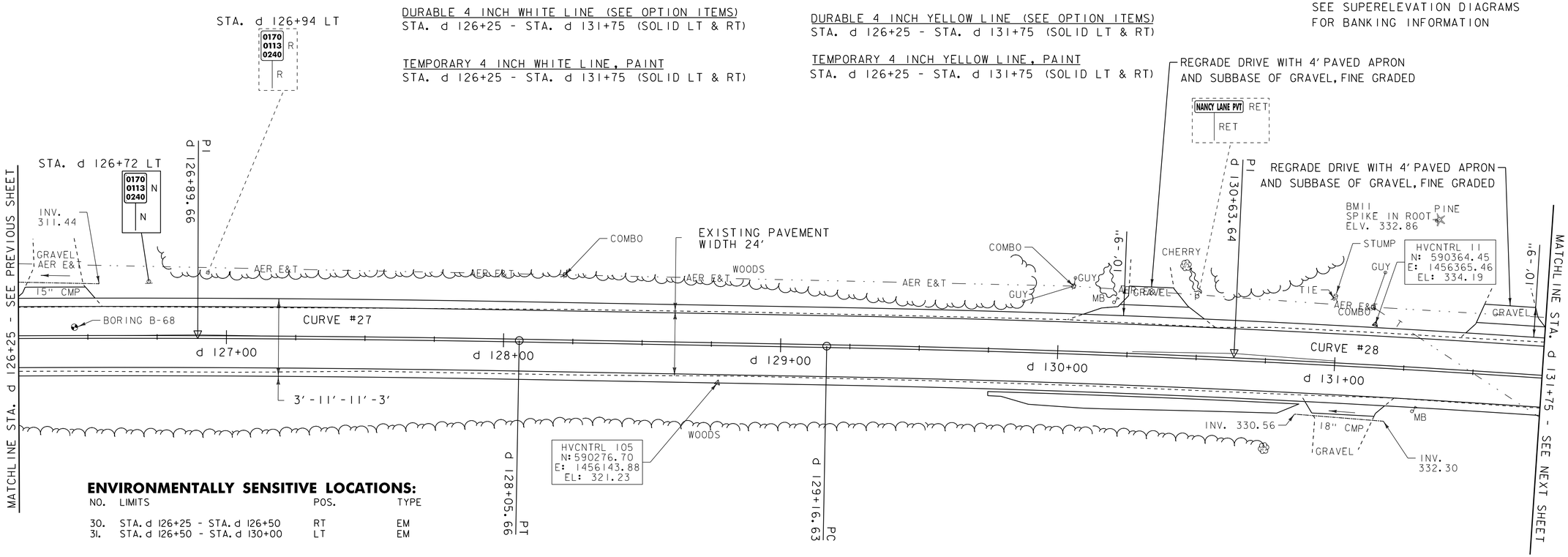
RELOCATE MAILBOX, SINGLE SUPPORT
STA. d 131+29 RT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 126+25 - STA. d 131+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 126+25 - STA. d 131+75 (SOLID LT & RT)

CURVE #28
DELTA = 3°12'28"
D = 1°05'29"
R = 5250.00'
T = 147.01'
L = 293.94'
BANKING 0.02 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

N
VT STATE PLANE GRID



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
30.	STA. d 126+25 - STA. d 126+50	RT	EM
31.	STA. d 126+50 - STA. d 130+00	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 59

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_82.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 82 OF 186

STONE FILL, TYPE I
STA. d 135+75 - STA. d 136+70 RT
STA. d 137+00 - STA. d 137+50 RT

GRUBBING MATERIAL
STA. d 135+75 - STA. d 136+70 RT
STA. d 137+00 - STA. d 137+50 RT

GEOTEXTILE FOR SILT FENCE
STA. d 135+75 - STA. d 136+70 RT
STA. d 137+00 - STA. d 137+50 RT

GEOTEXTILE UNDER STONE FILL
STA. d 135+75 - STA. d 136+70 RT
STA. d 137+00 - STA. d 137+50 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 131+75 - STA. d 137+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 131+75 - STA. d 137+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 131+75 - STA. d 137+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 131+75 - STA. d 137+50 (SOLID LT & RT)

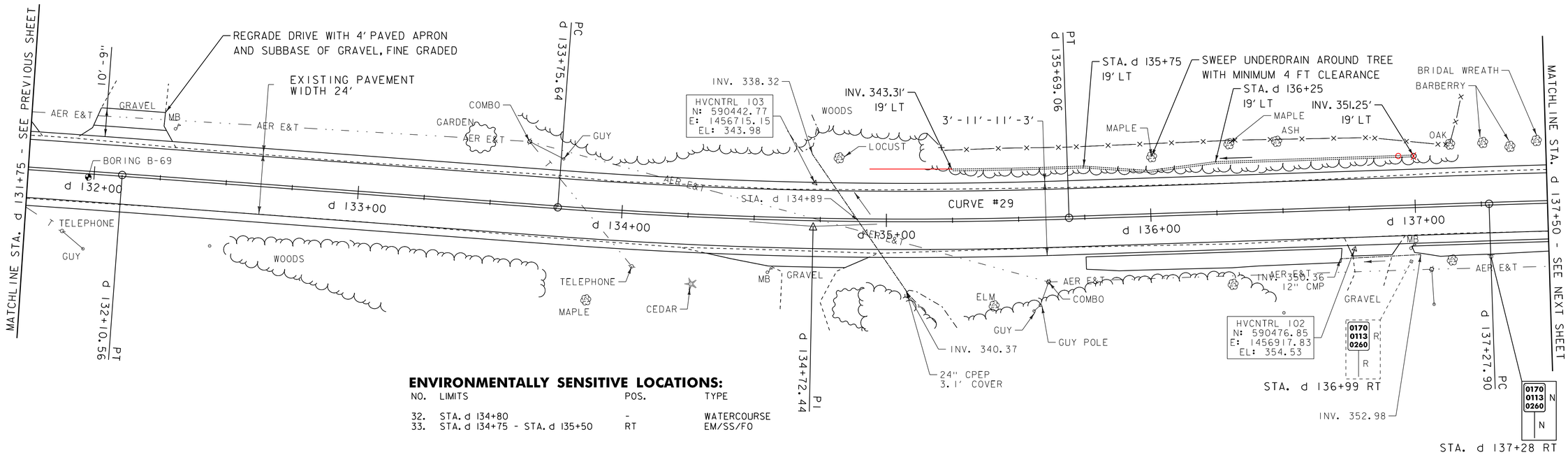
6 INCH UNDERDRAIN PIPE
STA. d ~~135+25~~ 134+95 - STA. d ~~137+00~~ 136+95 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. d 137+00 LT

UNDERDRAIN FLUSHING BASIN
STA. d ~~137+00~~ 136+95 LT

RELOCATE MAILBOX, SINGLE SUPPORT
STA. d 136+98 RT

N
VT STATE PLANE GRID



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
32.	STA. d 134+80	-	WATERCOURSE
33.	STA. d 134+75 - STA. d 135+50	RT	EM/SS/FO

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

REMOVING SIGNS
AS SHOWN - 1

CURVE #29
DELTA = 6°09'25"
D = 3°10'59"
R = 1800.00'
T = 96.80'
L = 193.42'
BANKING 0.047 FT/FT
140' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 60

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_83.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 83 OF 186

STONE FILL, TYPE I
STA. d 137+50 - STA. d 137+75 RT

GRUBBING MATERIAL
STA. d 137+50 - STA. d 137+75 RT

GEOTEXTILE FOR SILT FENCE
STA. d 137+50 - STA. d 137+75 RT

GEOTEXTILE UNDER STONE FILL
STA. d 137+50 - STA. d 137+75 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 137+50 - STA. d 143+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 137+50 - STA. d 143+25 (SOLID LT & RT)

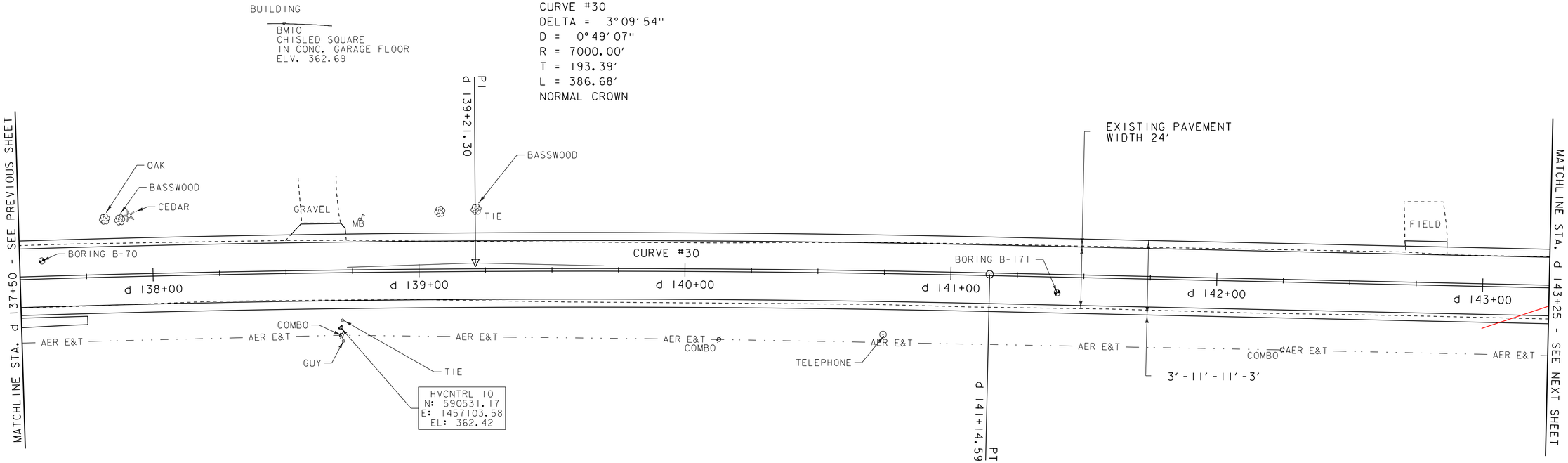
6" UNDERDRAIN PIPE
D 143+00 RT - D 143+25 RT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 137+50 - STA. d 143+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 137+50 - STA. d 143+25 (SOLID LT & RT)

N
VT STATE PLANE GRID

CURVE #30
DELTA = 3°09'54"
D = 0°49'07"
R = 7000.00'
T = 193.39'
L = 386.68'
NORMAL CROWN



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 61

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_84.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 84 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 143+25 - STA. d 148+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 143+25 - STA. d 148+50 (SOLID LT & RT)

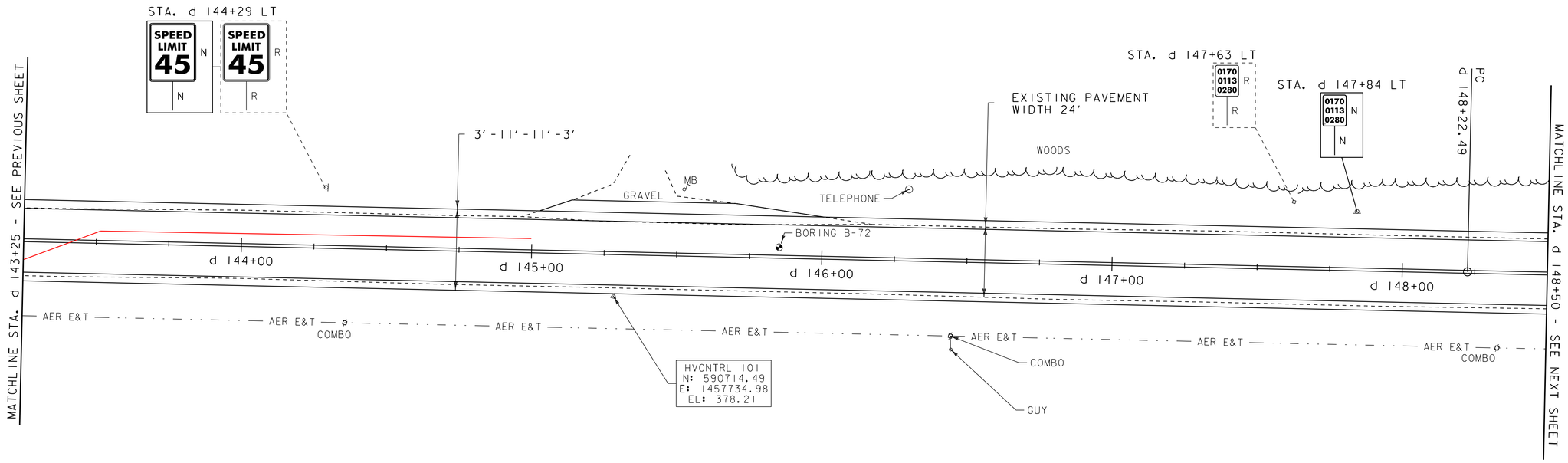
DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 143+25 - STA. d 148+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 143+25 - STA. d 148+50 (SOLID LT & RT)

6" UNDERDRAIN PIPE
D 143+25 RT - D 145+00 LT

N

VT STATE PLANE GRID



REMOVING SIGNS
AS SHOWN - 2

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 62

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_85.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 85 OF 186

CURVE #31
DELTA = 0°20'20"
D = 0°17'11"
R = 20000.00'
T = 59.15'
L = 118.31'
NORMAL CROWN

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 148+50 - STA. d 154+50 (SOLID LT & RT)

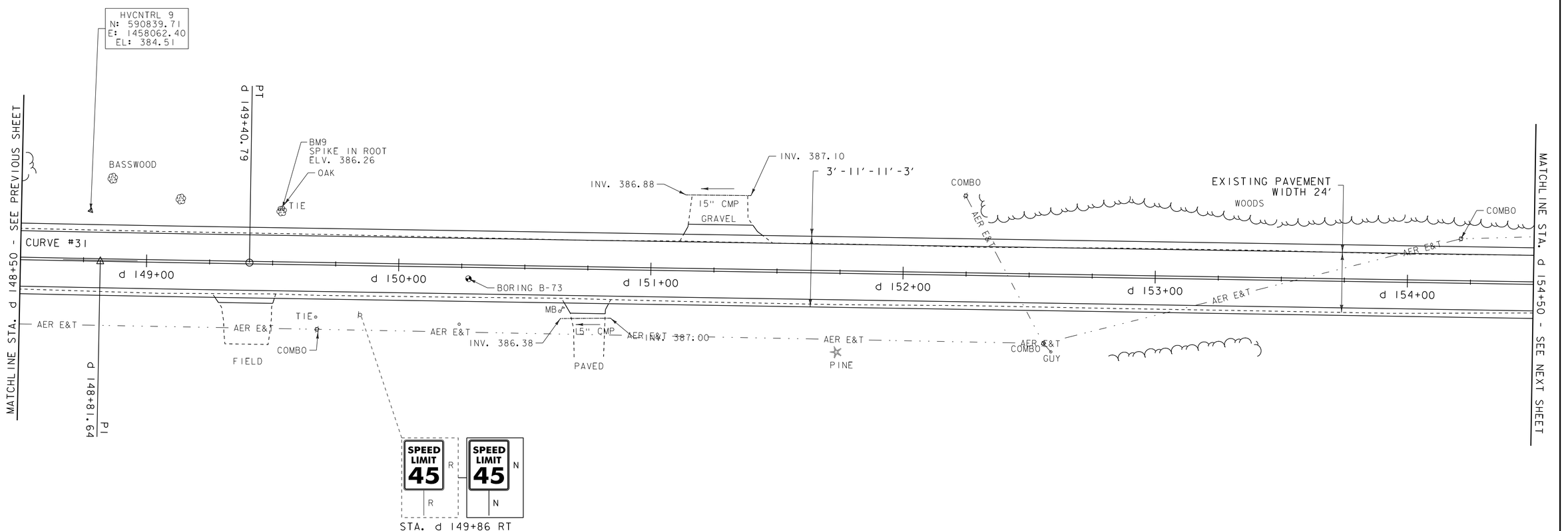
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 148+50 - STA. d 154+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 148+50 - STA. d 154+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 148+50 - STA. d 154+50 (SOLID LT & RT)

RELOCATE MAILBOX, SINGLE SUPPORT
STA. d 150+64 RT

N
VT STATE PLANE GRID



REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 63

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_86.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 86 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 154+50 - STA. d 159+75 (SOLID LT & RT)

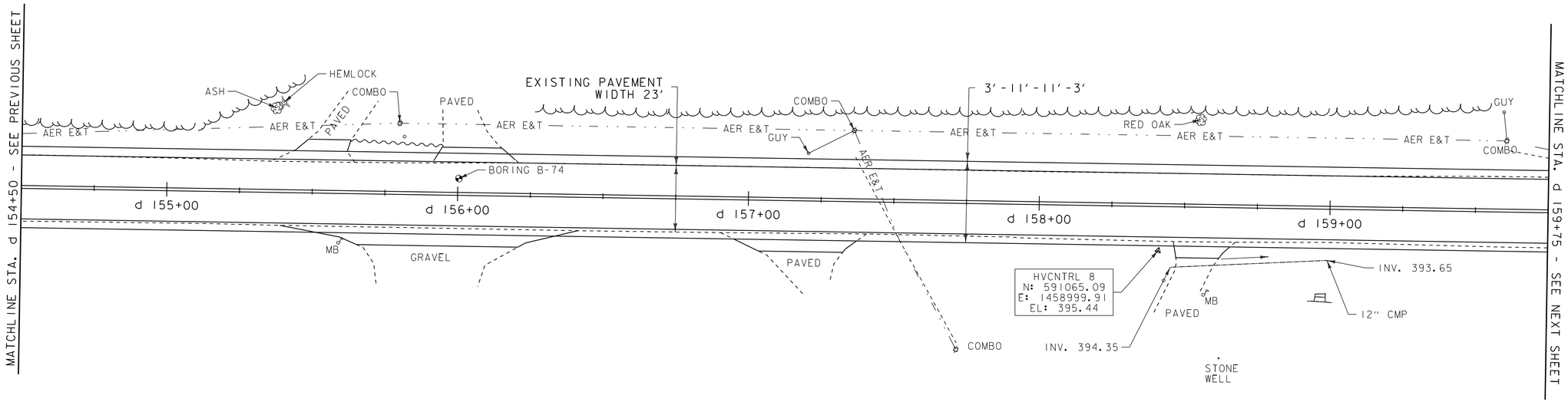
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 154+50 - STA. d 159+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 154+50 - STA. d 159+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 154+50 - STA. d 159+75 (SOLID LT & RT)

N

VT STATE PLANE GRID



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND

R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 64

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_87.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 87 OF 186

CURVE #32
DELTA = 31°02'13"
D = 9°42'40"
R = 590.00'
T = 163.83'
L = 319.60'
BANKING 0.08 FT/FT
180' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 159+75 - STA. d 165+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #21)
STA. d 161+40 RT (EDGELINES TH #21)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 159+75 - STA. d 165+50 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TH #21)
STA. d 161+40 RT (EDGELINES TH #21)

STONE FILL, TYPE I
STA. d 163+50 - STA. d 165+00 RT

GRUBBING MATERIAL
STA. d 163+50 - STA. d 165+00 RT

GEOTEXTILE FOR SILT FENCE
STA. d 163+50 - STA. d 165+00 RT

GEOTEXTILE UNDER STONE FILL
STA. d 163+50 - STA. d 165+00 RT

6 INCH UNDERDRAIN PIPE
STA. d ~~161+00~~ 161+07 - STA. d ~~165+00~~ 165+10 LT

6 INCH UNDERDRAIN CARRIER PIPE
STA. d 161+00 LT
STA. d 163+00 LT

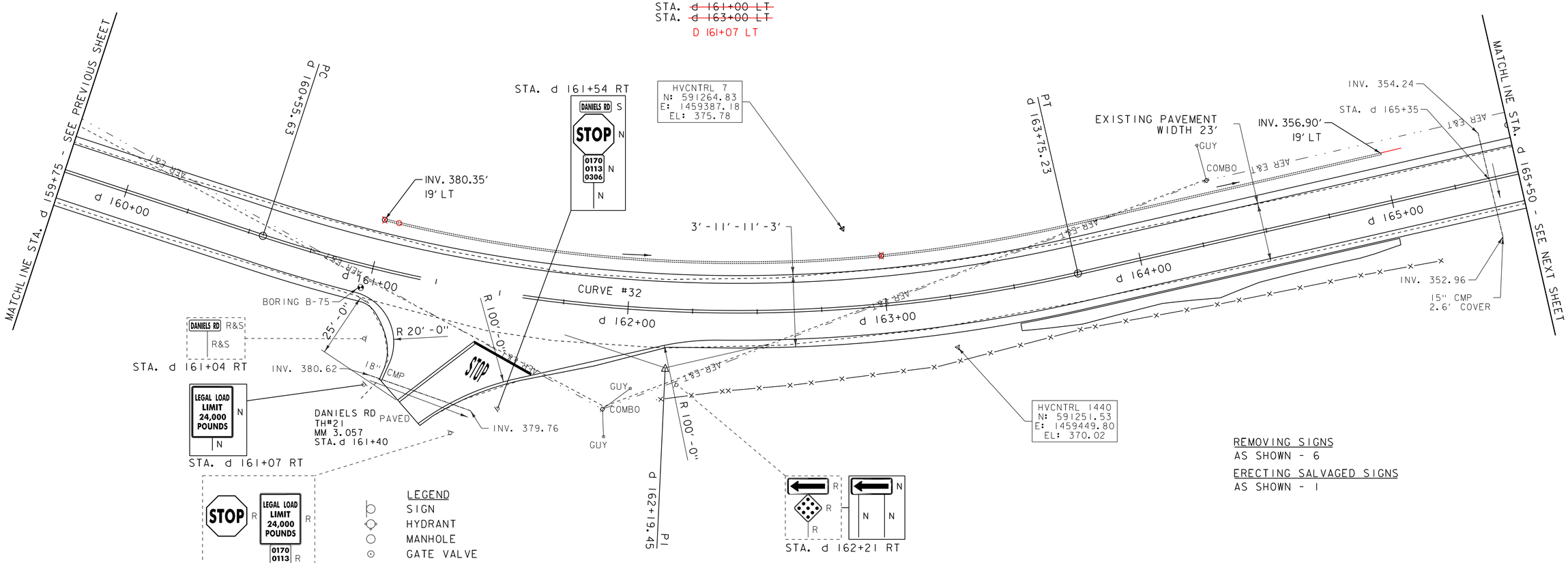
UNDERDRAIN FLUSHING BASIN
STA. ~~d 161+00 LT~~
STA. ~~d 163+00 LT~~
D 161+07 LT

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 159+75 - STA. d 165+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #21)
STA. d 161+40 RT (CENTERLINE TH #21)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 159+75 - STA. d 165+50 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT TH #21)
STA. d 161+40 RT (CENTERLINE TH #21)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. d 161+43 - STA. d 161+66 RT (TH #21)
TEMPORARY LETTER OR SYMBOL, PAINT
STA. d 161+46 RT "STOP" (TH #21)
DURABLE 24 INCH STOP BAR (SEE OPTION ITEMS)
STA. d 161+43 - STA. d 161+66 RT (TH #21)
DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. d 161+46 RT "STOP" (TH #21)

REMOVING AND RESETTING FENCE
STA. d 163+27 - STA. d 164+66 RT



LEGEND
SIGN
HYDRANT
MANHOLE
GATE VALVE
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
BORING LOCATION
MAILBOX
UTILITY POLE
FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

REMOVING SIGNS
AS SHOWN - 6

ERECTING SALVAGED SIGNS
AS SHOWN - 1

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 65

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_88.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 88 OF 186

6 INCH UNDERDRAIN PIPE
165+92 STA. d ~~165+50~~ - STA. d 171+50 LT
STA. d 167+00 - STA. d 171+50 RT

6 INCH UNDERDRAIN CARRIER PIPE
STA. d 165+50 LT STA. d 169+00 LT
STA. d 167+00 RT STA. d 169+50 RT

UNDERDRAIN FLUSHING BASIN
~~STA. d 165+50 LT~~ ~~STA. d 169+00 LT~~
~~STA. d 167+00 RT~~ ~~STA. d 169+50 RT~~
D 165+92 LT D 169+37 RT
D 167+00 RT

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 165+50 - STA. d 171+50 (SOLID LT & RT)

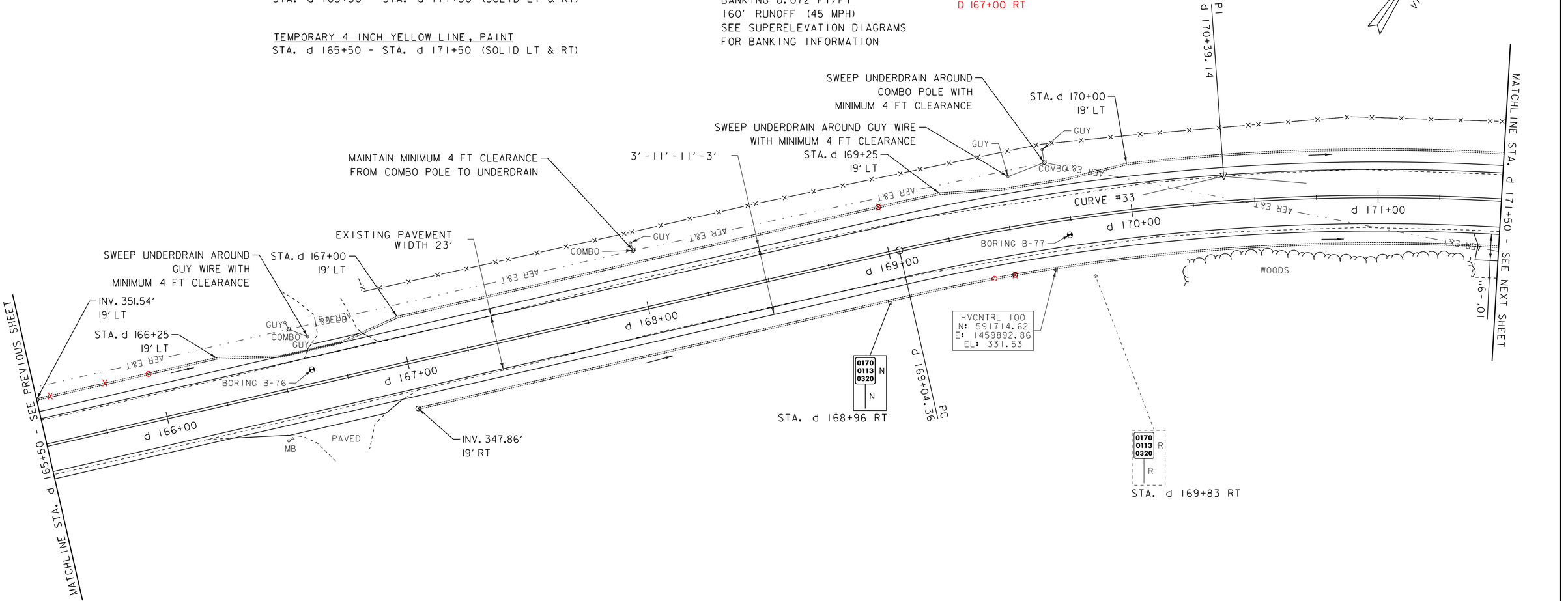
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 165+50 - STA. d 171+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 165+50 - STA. d 171+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 165+50 - STA. d 171+50 (SOLID LT & RT)

CURVE #33
DELTA = 17°36'47"
D = 6°35'09"
R = 870.00'
T = 134.78'
L = 267.44'
BANKING 0.072 FT/FT
160' RUNOFF (45 MPH)
SEE SUPERELEVATION DIAGRAMS
FOR BANKING INFORMATION

VT STATE PLANE GRID



REMOVING SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 66

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_89.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 89 OF 186

6 INCH UNDERDRAIN PIPE
STA. d 171+50 - STA. d ~~172+00~~ LT 172+08
STA. d 171+50 - STA. d ~~172+00~~ RT 172+05

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 171+50 - STA. d 177+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 171+50 - STA. d 177+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 171+50 - STA. d 177+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 171+50 - STA. d 177+50 (SOLID LT & RT)

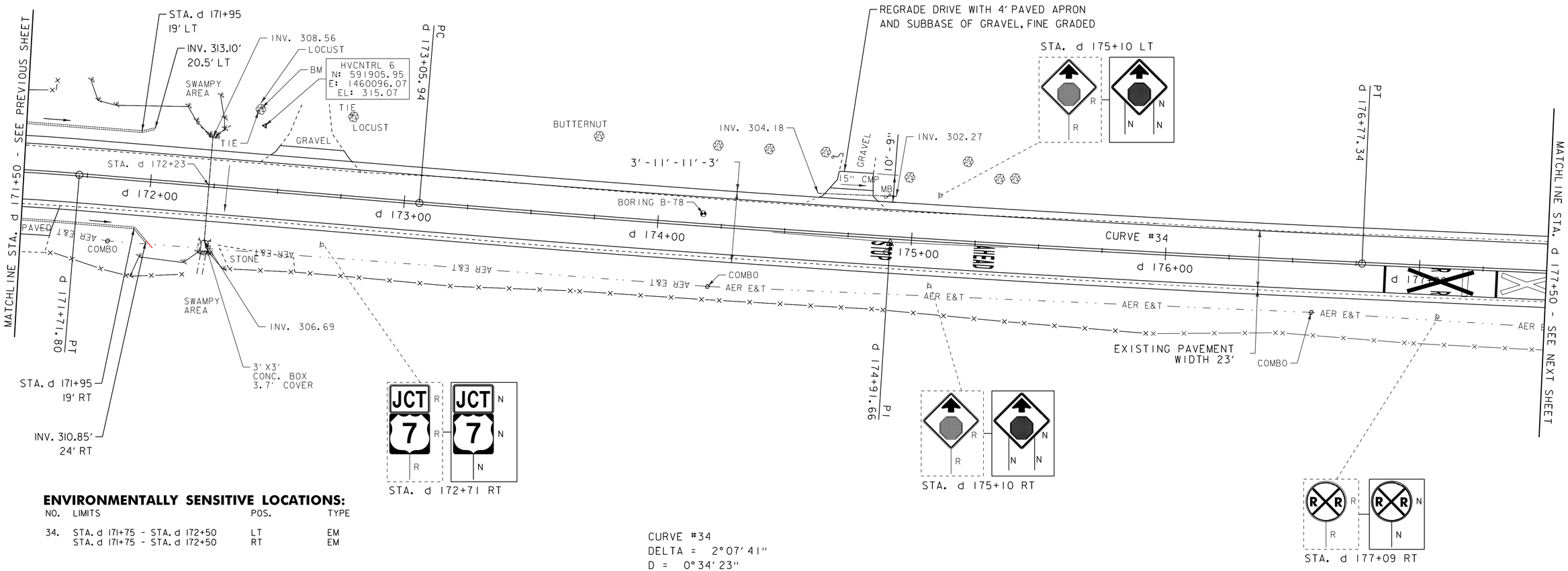
DURABLE LETTER OR SYMBOL (SEE OPTION ITEMS)
STA. d 174+90 RT "STOP"
STA. d 175+30 RT "AHEAD"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. d 174+90 RT "STOP"
STA. d 175+30 RT "AHEAD"

DURABLE RAILROAD CROSSING SYMBOL (SEE OPTION ITEMS)
STA. d 177+09 RT RR SYMBOL

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
STA. d 177+09 RT RR SYMBOL

N
VT STATE PLANE GRID



ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
34.	STA. d 171+75 - STA. d 172+50	LT	EM
	STA. d 171+75 - STA. d 172+50	RT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN

CURVE #34
DELTA = 2°07'41"
D = 0°34'23"
R = 10000.00'
T = 185.72'
L = 371.40'
NORMAL CROWN

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

REMOVING SIGNS
AS SHOWN - 5

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 67

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_90.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 90 OF 186

DURABLE 4 INCH WHITE LINE (SEE OPTION ITEMS)
STA. d 177+50 - STA. d 182+13 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. d 177+50 - STA. d 182+13 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE (SEE OPTION ITEMS)
STA. d 177+50 - STA. d 182+13 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. d 177+50 - STA. d 182+13 (SOLID LT & RT)

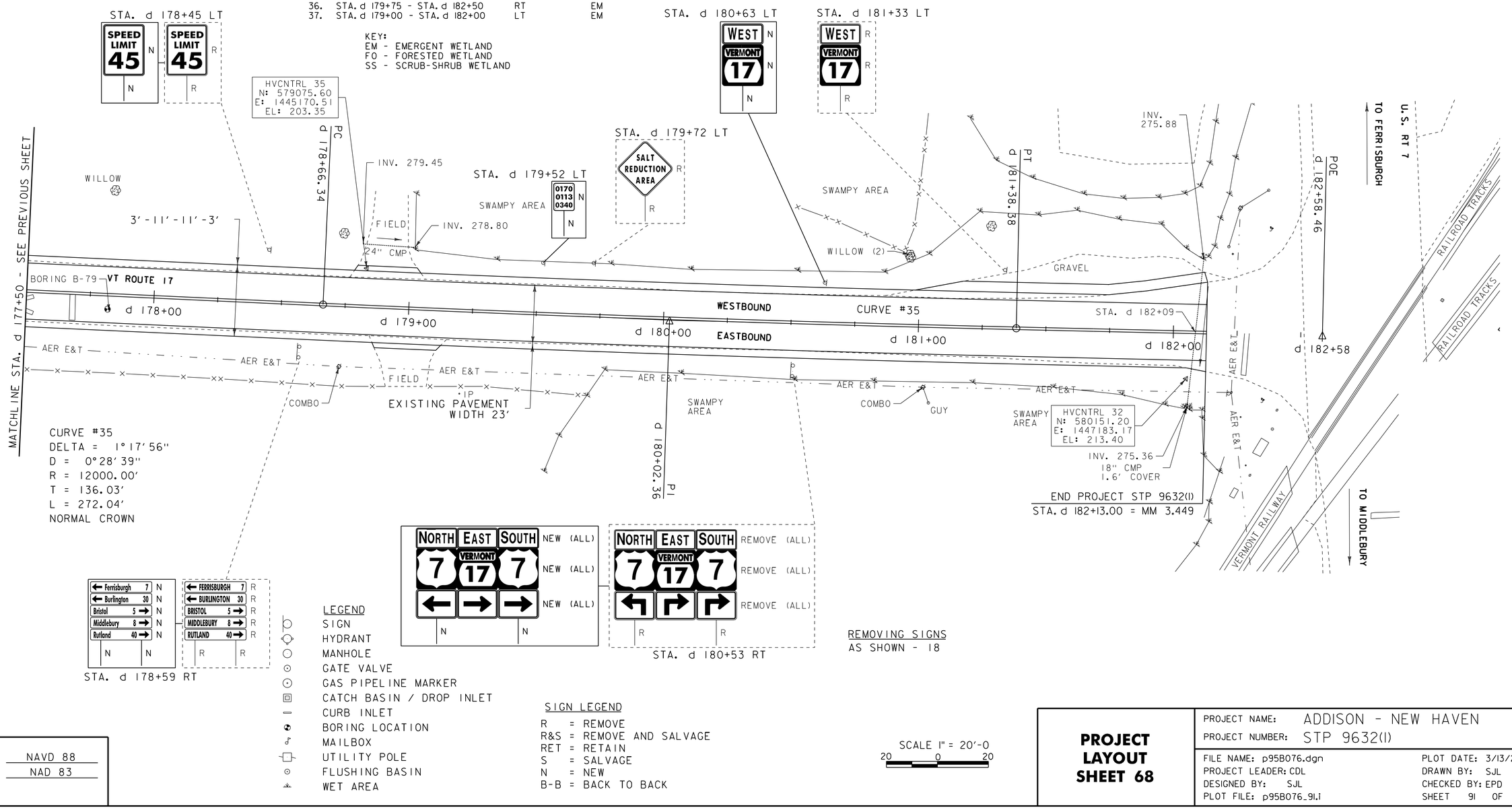
N

VT STATE PLANE GRID

ENVIRONMENTALLY SENSITIVE LOCATIONS:

NO.	LIMITS	POS.	TYPE
36.	STA. d 179+75 - STA. d 182+50	RT	EM
37.	STA. d 179+00 - STA. d 182+00	LT	EM

KEY:
EM - EMERGENT WETLAND
FO - FORESTED WETLAND
SS - SCRUB-SHRUB WETLAND



CURVE #35
DELTA = 1°17'56"
D = 0°28'39"
R = 12000.00'
T = 136.03'
L = 272.04'
NORMAL CROWN

STA. d 178+59 RT

STA. d 180+53 RT

REMOVING SIGNS
AS SHOWN - 18

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- GATE VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- BORING LOCATION
- MAILBOX
- UTILITY POLE
- FLUSHING BASIN
- WET AREA

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

SCALE 1" = 20'-0
20 0 20

DATUM
NAVD 88
NAD 83

PROJECT LAYOUT SHEET 68

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_9I.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 9I OF 186

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Tangent	POB	442+97.00	580190.5369	1429623.172						
	PC	444+46.47	580168.2173	1429770.963						
Arc	PC	444+46.47	580168.2173	1429770.963	1275	419.81	18°51'55.50"	Right	0.042	35
	PI	446+58.29	580136.5863	1429980.411						
	CC		578907.5129	1429580.57						
	PT	448+66.28	580038.9303	1430168.38						
Tangent	PT	448+66.28	580038.9303	1430168.38						
	PC	451+54.00	579906.2828	1430423.7						
Arc	PC	451+54.00	579906.2828	1430423.7	7200	648.37	5°09'34.48"	Left	NC	35
	PI	454+78.41	579756.7233	1430711.573						
	CC		586295.463	1433743.094						
	PT	458+02.37	579633.6582	1431011.729						
Tangent	PT	458+02.37	579633.6582	1431011.729						
	PC	474+41.69	579011.7711	1432528.513						
Arc	PC	474+41.69	579011.7711	1432528.513	7300	441.01	3°27'40.97"	Right	NC	45
	PI	476+62.27	578928.0954	1432732.598						
	CC		572257.4411	1429759.212						
	PT	478+82.70	578832.2507	1432931.258						
Tangent	PT	478+82.70	578832.2507	1432931.258						
	PC	483+92.56	578610.7045	1433390.465						
Arc	PC	483+92.56	578610.7045	1433390.465	530	166.5	18°00'00.00"	Left	0.070	45
	PI	484+76.50	578574.2286	1433466.069						
	CC		579088.0536	1433620.764						
	PCC	485+59.07	578562.9012	1433549.245						
	PCC	485+59.07	578562.9012	1433549.245	615	157.02	14°37'42.76"	Left	0.065	45
	PI	486+38.00	578552.2491	1433627.462						
	CC		579172.2762	1433632.234						
	PT	487+16.08	578561.6961	1433705.834						
Tangent	PT	487+16.08	578561.6961	1433705.834						
	PC	488+94.78	578583.0811	1433883.242						
Arc	PC	488+94.78	578583.0811	1433883.242	33500	531.08	0°54'29.92"	Left	NC	45
	PI	491+60.32	578614.86	1434146.877						
	CC		611842.3205	1429874.128						
	PT	494+25.85	578650.8142	1434409.975						
Tangent	PT	494+25.85	578650.8142	1434409.975						
	PC	499+90.76	578727.3016	1434969.679						
Arc	PC	499+90.76	578727.3016	1434969.679	38500	282.97	0°25'16.02"	Right	NC	45
	PI	501+32.24	578746.4585	1435109.862						
	CC		540581.8391	1440182.518						
	PT	502+73.73	578764.5846	1435250.182						
Tangent	PT	502+73.73	578764.5846	1435250.182						
	PC	512+47.57	578889.3456	1436215.995						
Arc	PC	512+47.57	578889.3456	1436215.995	660	172.79	15°00'00.00"	Right	0.080	45
	PI	513+34.46	578900.4774	1436302.17						
	CC		578234.7843	1436300.55						
	PCC	514+20.35	578888.9263	1436388.289						
	PCC	514+20.35	578888.9263	1436388.289	470	315.53	38°27'53.62"	Right	0.080	40
	PI	515+84.32	578867.1283	1436550.804						
	CC		578423.0979	1436325.808						
	PT	517+35.88	578748.971	1436664.492						
Tangent	PT	517+35.88	578748.971	1436664.492						
	PC	521+79.74	578429.1237	1436972.241						
Arc	PC	521+79.74	578429.1237	1436972.241	40000	204.46	0°17'34.33"	Right	NC	45
	PI	522+81.98	578355.4556	1437043.122						
	CC		550695.2393	1408148.09						
	PT	523+84.21	578281.4262	1437113.627						
Tangent	PT	523+84.21	578281.4262	1437113.627						
	PC	524+41.02	578240.2822	1437152.811						
Arc	PC	524+41.02	578240.2822	1437152.811	610	332.46	31°13'36.55"	Left	0.080	45
	PI	526+11.49	578116.839	1437270.376						
	CC		578660.9715	1437594.536						
	PT	527+73.48	578072.2289	1437434.904						
Tangent	PT	527+73.48	578072.2289	1437434.904						
	PC	530+72.24	577994.0452	1437723.257						
Arc	PC	530+72.24	577994.0452	1437723.257	1000	277.31	15°53'18.92"	Right	0.068	45
	PI	532+11.79	577957.5264	1437857.944						
	CC		577028.8934	1437461.566						
	PT	533+49.55	577885.53	1437977.487						
Tangent	PT	533+49.55	577885.53	1437977.487						
	PC	535+65.38	577774.1781	1438162.376						
Arc	PC	535+65.38	577774.1781	1438162.376	690	331.18	27°30'00.00"	Left	0.078	45
	PI	537+34.23	577687.0691	1438307.012						
	CC		578365.2574	1438518.361						
	PCC	538+96.56	577676.5881	1438475.528						
	PCC	538+96.56	577676.5881	1438475.528	3300	192.55	3°20'35.23"	Left	0.029	45
	PI	539+92.86	577670.61	1438571.645						
	CC		580970.2238	1438680.38						
	PT	540+89.11	577670.2472	1438667.947						
Tangent	PT	540+89.11	577670.2472	1438667.947						
	PC	542+79.76	577669.5289	1438858.598						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Arc	PC	542+79.76	577669.5289	1438858.598	12000	266.27	1°16'16.84"	Left	NC	45
	PI	544+12.90	577669.0273	1438991.737						
	CC		589669.4437	1438903.809						
	PT	545+46.03	577671.4798	1439124.855						
Tangent	PT	545+46.03	577671.4798	1439124.855						
	PC	547+47.85	577675.1974	1439326.64						
Arc	PC	547+47.85	577675.1974	1439326.64	1200	321.62	15°21'21.67"	Left	0.062	45
	PI	549+09.63	577678.1774	1439488.39						
	CC		578874.9938	1439304.535						
	PT	550+69.47	577723.885	1439643.576						
Tangent	PT	550+69.47	577723.885	1439643.576						
	PC	552+77.04	577782.5302	1439842.687						
Arc	PC	552+77.04	577782.5302	1439842.687	12000	188.81	0°54'05.32"	Right	NC	45
	PI	553+71.44	577809.2027	1439933.246						
	CC		566271.4426	1443233.095						
	PT	554+65.84	577834.4471	1440024.212						
Tangent	PT	554+65.84	577834.4471	1440024.212						
	PC	558+24.10	577930.2478	1440369.424						
Arc	PC	558+24.10	577930.2478	1440369.424	12000	182.2	0°52'11.71"	Left	0.020	45
	PI	559+15.20	577954.6084	1440457.206						
	CC		589493.2524	1437160.542						
	PT	560+06.29	577980.2989	1440544.608						
Tangent	PT	560+06.29	577980.2989	1440544.608						
	PC	562+90.55	578060.4598	1440817.324						
Arc	PC	562+90.55	578060.4598	1440817.324	1200	266.57	12°43'39.92"	Right	0.062	45
	PI	564+24.38	578098.2022	1440945.727						
	CC		576909.1645	1441155.731						
	PT	565+57.12	578106.7274	1441079.291						
Tangent	PT	565+57.12	578106.7274	1441079.291						
	PC	572+88.82	578153.3367	1441809.512						
Arc	PC	572+88.82	578153.3367	1441809.512	900	250.51	15°56'53.44"	Left	0.071	45
	PI	574+14.90	578161.3674	1441935.327						
	CC		579051.5089	1441752.182						
	PT	575+39.34	578203.6591	1442054.094						
Tangent	PT	575+39.34	578203.6591	1442054.094						
	PC	576+60.70	578244.3703	1442168.422						
Arc	PC	576+60.70	578244.3703	1442168.422	1400	336.71	13°46'48.80"	Right	0.056	45
	PI	578+29.87	578301.1208	1442327.793						
	CC		576925.4928	1442638.062						
	PT	579+97.41	578318.276	1442496.094						
Tangent	PT	579+97.41	578318.276	1442496.094						
	PC	584+04.37	578359.5438	1442900.953						
Arc	PC	584+04.37	578359.5438	1442900.953	12000	177.95	0°50'58.82"	Left	NC	45
	PI	584+93.35	578368.5668	1442989.474						
	CC		590297.6854	1441684.083						
	PT	585+82.32	578378.9015	1443077.851						
Tangent	PT	585+82.32	578378.9015	1443077.851						
	PC	587+14.66	578394.2722	1443209.293						
Arc	PC	587+14.66	578394.2722	1443209.293	680	267.04	22°30'00.00"	Left	0.078	45
	PI	a 0+57.73	578409.9823	1443343.638						
	CC		579069.6699	1443130.312						
		587+92.19	578407.6424	1443285.617						
		a 0+00.00								
	PCC	a 1+89.51	578475.9082	1443461.744						
	PCC	a 1+89.51	578475.9082	1443461.744	2500	164.79	3°46'36.47"	Left	0.036	45
	PI	a 2+71.93	578516.0829	1443533.717						
	CC		580658.8558	1442243.245						
	PT	a 3+54.30	578560.9113	1443602.888						
Tangent	PT	a 3+54.30	578560.9113	1443602.888						
	PC	a 5+58.22	578671.8158	1443774.015						
Arc	PC	a 5+58.22	578671.8158	1443774.015	11000	444.13	2°18'48.05"	Right	NC	45
	PI	a 7+80.32	578792.6041	1443960.393						
	CC		569440.8601	1449756.444						
	PT	a 10+02.35	578905.7709	1444151.494						
Tangent	PT	a 10+02.35	578905.7709	1444151.494						
		a 11+34.06	578972.8809	1444264.821						
		b 0+00.00								
	PC	b 2+12.44	579081.1286	1444447.615						
Arc	PC	b 2+12.44	579081.1286	1444447.615	430	210.14	28°00'00.00"	Right	0.080	40
	PI	b 3+19.65	579135.757	1444539.865						
	CC		578711.1366	1444666.718						
	PCC	b 4+22.58	579140.6826	1444646.962						
	PCC	b 4+22.58	579140.6826	1444646.962	670	133.98	11°27'26.05"	Right	0.080	45
	PI	b 4+89.79	579143.7705	1444714.104						
	CC		578471.39	1444677.744						
	PT	b 5+56.56	579133.4601	1444780.522						
Tangent	PT	b 5+56.56	579133.4601	1444780.522						
	PC	b 7+73.36	579100.2029	1444994.757						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Arc	PC	b 7+73.36	579100.2029	1444994.757	780	224.62	16°30'00.00"	Left	0.076	45
	PI	b 8+86.45	579082.8542	1445106.513						
	CC		579870.971	1445114.409						
	PCC	b 9+97.98	579097.9604	1445218.595						
	PCC	b 9+97.98	579097.9604	1445218.595	1300	115.8	5°06'13.30"	Left	0.058	45
	PI	b 10+55.92	579105.6993	1445276.013						
	CC		580386.3114	1445044.952						
	PT	b 11+13.78	579118.5153	1445332.516						
Tangent	PT	b 11+13.78	579118.5153	1445332.516						
	PC	b 14+34.43	579189.4436	1445645.22						
Arc	PC	b 14+34.43	579189.4436	1445645.22	11500	113.02	0°33'47.05"	Left	NC	45
	PI	b 14+90.94	579201.9434	1445700.329						
	CC		590404.5626	1443101.383						
	PT	b 15+47.44	579214.9842	1445755.312						
Tangent	PT	b 15+47.44	579214.9842	1445755.312						
	PC	b 17+18.29	579254.4116	1445921.547						
Arc	PC	b 17+18.29	579254.4116	1445921.547	4400	439.37	5°43'16.78"	Left	0.022	45
	PI	b 19+38.16	579305.1515	1446135.478						
	CC		583535.6416	1444906.131						
	PT	b 21+57.66	579376.9654	1446343.285						
Tangent	PT	b 21+57.66	579376.9654	1446343.285						
	PC	b 22+60.98	579410.7138	1446440.942						
Arc	PC	b 22+60.98	579410.7138	1446440.942	10413.2	146.5	0°48'21.87"	Left	0.022	45
	PI	b 23+34.23	579434.6395	1446510.176						
	CC		589252.7881	1443039.721						
	PT	b 24+07.48	579459.5368	1446579.066						
Tangent	PT	b 24+07.48	579459.5368	1446579.066						
	PC	b 24+07.48	579459.5369	1446579.066						
Arc	PC	b 24+07.48	579459.5369	1446579.066	650	124.79	10°59'59.97"	Left	0.080	45
	PI	b 24+70.07	579480.8099	1446637.928						
	CC		580070.8392	1446358.138						
	PCC	b 25+32.27	579512.9234	1446691.649						
	PCC	b 25+32.27	579512.9234	1446691.649	390	171.05	25°07'47.68"	Left	0.080	35
	PI	b 26+19.20	579557.5241	1446766.259						
	CC		579847.6729	1446491.542						
	PT	b 27+03.33	579629.5881	1446814.867						
Tangent	PT	b 27+03.33	579629.5881	1446814.867						
	PC	b 27+53.62	579671.2863	1446842.993						
Arc	PC	b 27+53.62	579671.2863	1446842.993	5000	40.27	0°27'41.13"	Left	NC	45
	PI	b 27+73.76	579687.9778	1446854.251						
	CC		582467.2443	1442697.801						
	PT	b 27+93.89	579704.7594	1446865.375						
Tangent	PT	b 27+93.89	579704.7594	1446865.375						
	PC	b 30+63.72	579929.6691	1447014.457						
Arc	PC	b 30+63.72	579929.6691	1447014.457	30000	189.47	0°21'42.73"	Right	NC	45
	PI	b 31+58.46	580008.6341	1447066.799						
	CC		563354.7596	1472019.904						
	PT	b 32+53.20	580087.2669	1447119.639						
Tangent	PT	b 32+53.20	580087.2669	1447119.639						
	PC	b 35+87.09	580364.4017	1447305.868						
Arc	PC	b 35+87.09	580364.4017	1447305.868	20000	128.51	0°22'05.38"	Left	NC	45
	PI	b 36+51.35	580417.7351	1447341.707						
	CC		591519.4066	1430705.691						
	PT	b 37+15.60	580471.2976	1447377.203						
Tangent	PT	b 37+15.60	580471.2976	1447377.203						
	PC	b 41+83.59	580861.4004	1447635.721						
Arc	PC	b 41+83.59	580861.4004	1447635.721	11500	135.5	0°40'30.28"	Right	NC	45
	PI	b 42+51.34	580917.8746	1447673.147						
	CC		574508.7378	1457221.84						
	PT	b 43+19.09	580973.9039	1447711.234						
Tangent	PT	b 43+19.09	580973.9039	1447711.234						
	PC	b 46+45.17	581243.5764	1447894.554						
Arc	PC	b 46+45.17	581243.5764	1447894.554	12000	98.53	0°28'13.52"	Left	NC	45
	PI	b 46+94.43	581284.3172	1447922.249						
	CC		587989.8367	1437970.443						
	PT	b 47+43.69	581325.284	1447949.608						
Tangent	PT	b 47+43.69	581325.284	1447949.608						
	PC	b 50+76.21	581601.8022	1448134.28						
Arc	PC	b 50+76.21	581601.8022	1448134.28	11500	153.94	0°46'01.03"	Right	NC	45
	PI	b 51+53.18	581665.81	1448177.027						
	CC		575214.9392	1457697.647						
	PT	b 52+30.15	581729.2398	1448220.628						
Tangent	PT	b 52+30.15	581729.2398	1448220.628						
	PC	b 52+83.96	581773.5883	1448251.112						
Arc	PC	b 52+83.96	581773.5883	1448251.112	11500	94.5	0°28'14.90"	Left	NC	45
	PI	b 53+31.21	581812.5253	1448277.876						
	CC		588287.8889	1438774.093						
	PT	b 53+78.46	581851.6809	1448304.32						
Tangent	PT	b 53+78.46	581851.6809	1448304.32						
	PC	b 57+98.97	582200.1627	1448539.666						

PC - POINT OF CURVATURE
PCC - POINT OF COMPOUND CURVE
PT - POINT OF TANGENCY
PI - POINT OF INTERSECTION
CC - RADIUS POINT

HORIZONTAL ALIGNMENT TABLE SHEET 1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_92.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Arc	PC	b 57+98.97	582200.1627	1448539.666	20000	199.42	0°34'16.65"	Left	NC	45
	PI	b 58+98.68	582282.7941	1448595.471						
	CC		593393.568	1431965.358						
	PT	b 59+98.39	582365.9777	1448650.449						
Tangent	PT	b 59+98.39	582365.9777	1448650.449						
	PC	b 62+69.70	582592.3222	1448800.046						
Arc	PC	b 62+69.70	582592.3222	1448800.046	700	253.87	20°46'47.59"	Left	0.078	45
	PI	b 63+98.05	582699.3963	1448870.814						
	CC		582978.2879	1448216.068						
	PT	b 65+23.57	582824.6123	1448898.99						
Tangent	PT	b 65+23.57	582824.6123	1448898.99						
	PC	b 65+86.84	582886.3364	1448912.88						
Arc	PC	b 65+86.84	582886.3364	1448912.88	4500	328.81	4°11'11.54"	Right	0.022	45
	PI	b 67+51.32	583046.802	1448948.989						
	CC		581898.4217	1453303.099						
	PT	b 69+15.65	583204.2034	1448996.716						
Tangent	PT	b 69+15.65	583204.2034	1448996.716						
	PC	b 69+90.44	583275.7741	1449018.418						
Arc	PC	b 69+90.44	583275.7741	1449018.418	420	340.63	46°28'07.83"	Right	0.076	35
	PI	b 71+70.75	583448.327	1449070.739						
	CC		583153.9011	1449420.347						
	PT	b 73+31.07	583529.2396	1449231.877						
Tangent	PT	b 73+31.07	583529.2396	1449231.877						
	PC	b 75+63.64	583633.6002	1449439.711						
Arc	PC	b 75+63.64	583633.6002	1449439.711	690	270.96	22°30'00.00"	Left	0.078	45
	PI	b 77+00.89	583695.1894	1449562.366						
	CC		584250.2276	1449130.081						
	PCC	b 78+34.60	583799.0284	1449652.115						
Arc	PCC	b 78+34.60	583799.0284	1449652.115	1250	127.51	5°50'41.00"	Left	0.060	45
	PI	b 78+98.41	583847.3062	1449693.842						
	CC		584616.4183	1448706.401						
	PT	b 79+62.11	583899.5822	1449730.435						
Tangent	PT	b 79+62.11	583899.5822	1449730.435						
	PC	b 81+74.83	584073.844	1449852.421						
Arc	PC	b 81+74.83	584073.844	1449852.421	11500	219.36	1°05'34.53"	Right	NC	45
	PI	b 82+84.51	584163.7011	1449915.322						
	CC		577478.9522	1459273.536						
	PT	b 83+94.19	584252.3421	1449979.925						
Tangent	PT	b 83+94.19	584252.3421	1449979.925						
	PC	b 85+78.46	584401.256	1450088.457						
Arc	PC	b 85+78.46	584401.256	1450088.457	5000	575.71	6°35'49.76"	Left	0.020	45
	PI	b 88+66.63	584634.1407	1450258.189						
	CC		587346.2081	1446047.757						
	PT	b 91+54.17	584884.9834	1450400.041						
Tangent	PT	b 91+54.17	584884.9834	1450400.041						
	PC	b 92+67.47	584983.6029	1450455.81						
Arc	PC	b 92+67.47	584983.6029	1450455.81	2000	279.15	7°59'49.25"	Right	0.043	45
	PI	b 94+07.27	585105.2938	1450524.627						
	CC		583999.113	1452196.724						
	PT	b 95+46.61	585216.2275	1450609.704						
Tangent	PT	b 95+46.61	585216.2275	1450609.704						
	PC	b 98+12.17	585426.9482	1450771.309						
Arc	PC	b 98+12.17	585426.9482	1450771.309	950	175.05	10°33'27.70"	Left	0.069	45
	PI	b 98+99.94	585496.5986	1450824.725						
	CC		586005.0776	1450017.475						
	PT	b 99+87.22	585574.8571	1450864.476						
Tangent	PT	b 99+87.22	585574.8571	1450864.476						
	PC	b 102+99.23	585853.0405	1451005.774						
Arc	PC	b 102+99.23	585853.0405	1451005.774	11500	79.15	0°23'39.70"	Right	NC	45
	PI	b 103+38.81	585888.3265	1451023.697						
	CC		580645.1085	1461258.942						
	PT	b 103+78.39	585923.4882	1451041.863						
Tangent	PT	b 103+78.39	585923.4882	1451041.863						
	PC	b 107+64.66	586266.6703	1451219.159						
Arc	PC	b 107+64.66	586266.6703	1451219.159	4400	278.63	3°37'41.89"	Right	0.022	45
	PI	b 109+04.02	586390.4866	1451283.125						
	CC		584247.1163	1455128.302						
	PT	b 110+43.30	586510.0066	1451354.799						
Tangent	PT	b 110+43.30	586510.0066	1451354.799						
	PC	b 111+78.29	586625.7777	1451424.224						
Arc	PC	b 111+78.29	586625.7777	1451424.224	2200	336.7	8°46'08.24"	Left	0.040	45
	PI	b 113+46.97	586770.4411	1451510.976						
	CC		587757.2228	1449537.472						
	PT	b 115+14.99	586926.6389	1451574.659						
Tangent	PT	b 115+14.99	586926.6389	1451574.659						
		b 117+45.96	587140.5151	1451661.859						
		c 0+00.00								
	PC	c 0+43.54	587180.835	1451678.298						
Arc	PC	c 0+43.54	587180.835	1451678.298	3100	252.49	4°40'00.00"	Left	0.030	45
	PI	c 1+69.86	587297.8022	1451725.987						
	CC		588351.2031	1448807.716						
	PCC	c 2+96.03	587418.2616	1451764.001						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Arc	PCC	c 2+96.03	587418.2616	1451764.001	1050	296.84	16°11'51.36"	Left	0.066	45
	PI	c 4+45.45	587560.7494	1451808.967						
	CC		587734.2579	1450762.679						
	PT	c 5+92.87	587710.1247	1451812.401						
Tangent	PT	c 5+92.87	587710.1247	1451812.401						
	PC	c 9+33.51	588050.6753	1451820.231						
Arc	PC	c 9+33.51	588050.6753	1451820.231	1500	132.03	5°02'35.23"	Right	0.045	45
	PI	c 9+99.57	588116.7148	1451821.749						
	CC		588016.1993	1453319.834						
	PT	c 10+65.54	588182.3652	1451829.067						
Tangent	PT	c 10+65.54	588182.3652	1451829.067						
	PC	c 11+10.12	588226.6687	1451834.005						
Arc	PC	c 11+10.12	588226.6687	1451834.005	515	414.6	46°07'32.71"	Right	0.078	40
	PI	c 13+29.39	588444.591	1451858.295						
	CC		588169.6184	1452345.835						
	PCC	c 15+24.72	588578.1181	1452032.222						
Arc	PCC	c 15+24.72	588578.1181	1452032.222	1800	172.79	5°30'00.00"	Right	0.040	45
	PI	c 16+11.18	588630.7686	1452100.803						
	CC		587150.3522	1453128.345						
	PT	c 16+97.50	588676.6036	1452174.114						
Tangent	PT	c 16+97.50	588676.6036	1452174.114						
	PC	c 19+73.74	588823.0471	1452408.344						
Arc	PC	c 19+73.74	588823.0471	1452408.344	7000	190.01	1°33'18.83"	Left	NC	45
	PI	c 20+68.75	588873.4143	1452488.904						
	CC		594758.4692	1448697.446						
	PT	c 21+63.75	588925.9494	1452568.068						
Tangent	PT	c 21+63.75	588925.9494	1452568.068						
	PC	c 22+68.01	588983.5962	1452654.934						
Arc	PC	c 22+68.01	588983.5962	1452654.934	11000	162.9	0°50'54.64"	Right	NC	45
	PI	c 23+49.46	589028.6352	1452722.802						
	CC		579818.2079	1458737.339						
	PT	c 24+30.91	589072.6642	1452791.329						
Tangent	PT	c 24+30.91	589072.6642	1452791.329						
	PC	c 27+19.83	589228.8422	1453034.407						
Arc	PC	c 27+19.83	589228.8422	1453034.407	3000	85.81	1°38'19.95"	Right	0.031	45
	PI	c 27+62.74	589252.0363	1453070.506						
	CC		586704.8996	1454656.046						
	PT	c 28+05.65	589274.1884	1453107.255						
Tangent	PT	c 28+05.65	589274.1884	1453107.255						
	PC	c 28+81.57	589313.3861	1453172.28						
Arc	PC	c 28+81.57	589313.3861	1453172.28	1100	243.07	12°39'39.46"	Right	0.064	45
	PI	c 30+03.61	589376.3876	1453276.793						
	CC		588371.3136	1453740.17						
	PT	c 31+24.64	589414.9498	1453392.573						
Tangent	PT	c 31+24.64	589414.9498	1453392.573						
	PC	c 33+61.80	589489.8893	1453617.574						
Arc	PC	c 33+61.80	589489.8893	1453617.574	30000	192.61	0°22'04.32"	Right	NC	45
	PI	c 34+58.11	589520.3222	1453708.947						
	CC		561027.0827	1463097.481						
	PT	c 35+54.41	589550.1679	1453800.514						
Tangent	PT	c 35+54.41	589550.1679	1453800.514						
	PC	c 40+93.42	589717.2047	1454312.982						
Arc	PC	c 40+93.42	589717.2047	1454312.982	30000	117.48	0°13'27.76"	Left	NC	45
	PI	c 41+52.16	589735.4088	1454368.832						
	CC		618240.2899	1445016.014						
	PT	c 42+10.90	589753.8314	1454424.611						
Tangent	PT	c 42+10.90	589753.8314	1454424.611						
	PC	c 45+10.25	589847.7135	1454708.858						
Arc	PC	c 45+10.25	589847.7135	1454708.858	32000	628.53	1°07'31.37"	Right	NC	45
	PI	c 48+24.53	589946.2766	1455007.278						
	CC		559462.1578	1464744.694						
		c 48+77.02	589960.7415	1455057.775						
		d 117+45.96								
	PT	d 120+07.72	590038.9596	1455307.576						
Tangent	PT	d 120+07.72	590038.9596	1455307.576						
	PC	d 125+73.63	590205.8531	1455848.321						
Arc	PC	d 125+73.63	590205.8531	1455848.321	8000	232.03	1°39'42.42"	Right	NC	45
	PI	d 126+89.66	590240.0693	1455959.183						
	CC		582561.6526	1458207.6						
	PT	d 128+05.66	590271.0561	1456070.991						
Tangent	PT	d 128+05.66	590271.0561	1456070.991						
	PC	d 129+16.63	590300.6925	1456177.926						
Arc	PC	d 129+16.63	590300.6925	1456177.926	5250	293.94	3°12'28.30"	Right	0.020	45
	PI	d 130+63.64	590339.9543	1456319.593						
	CC		585241.3964	1457580.076						
	PT	d 132+10.56	590371.2272	1456463.234						
Tangent	PT	d 132+10.56	590371.2272	1456463.234						
	PC	d 133+75.64	590406.3436	1456624.529						

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	Maximum Banking	Design Speed
Arc	PC	d 133+75.64	590406.3436	1456624.529	1800	193.42	6°09'24.60"	Left	0.047	45
	PI	d 134+72.44	590426.937	1456719.118						
	CC		592165.1427	1456241.612						
	PT	d 135+69.06	590457.5563	1456810.952						
Tangent	PT	d 135+69.06	590457.5563	1456810.952						
	PC	d 137+27.90	590507.7984	1456961.64						
Arc	PC	d 137+27.90	590507.7984	1456961.64	7000	386.68	3°09'54.18"	Right	NC	45
	PI	d 139+21.30	590568.968	1457145.102						
	CC		583867.1844	1459175.742						
	PT	d 141+14.59	590619.915	1457331.662						
Tangent	PT	d 141+14.59	590619.915	1457331.662						
	PC	d 148+22.49	590806.4036	1458014.554						
Arc	PC	d 148+22.49	590806.4036	1458014.554	20000	118.31	0°20'20.15"	Left	NC	45
	PI	d 148+81.64	590821.9873	1458071.619						
	CC		610099.9195	1452745.755						
	PT	d 149+40.79	590837.9082	1458128.591						
Tangent	PT	d 149+40.79	590837.9082	1458128.591						
	PC	d 160+55.63	591137.9564	1459202.287						
Arc	PC	d 160+55.63	591137.9564	1459202.287	590	319.6	31°02'13.23"	Left	0.080	45
	PI	d 162+19.45	591182.049	1459360.069						
	CC		591706.1857	1459043.493						
	PT	d 163+75.23	591301.1799	1459472.528						
Tangent	PT	d 163+75.23	591301.1799	1459472.528						
	PC	d 169+04.36	591685.9517	1459835.75						
Arc	PC	d 169+04.36	591685.9517	1459835.75	870	267.44	17°36'46.62"	Right	0.072	45
	PI	d 170+39.14	591783.9633	1459928.272						
	CC		591088.7397	1460468.393						
	PT	d 171+71.80	591849.3844	1460046.114						
Tangent	PT	d 171+71.80	591849.3844	1460046.114						
	PC	d 173+05.94	591914.4925	1460163.392						
Arc	PC	d 173+05.94	591914.4925	1460163.392	10000	371.4	2°07'40.75"	Left	NC	45
	PI	d 174+91.66	592004.6384	1460325.771						
	CC		600657.5346	1455309.609						
	PT	d 176+77.34	592100.7516	1460484.69						
Tangent	PT	d 176+77.34	592100.7516	1460484.69						
	PC	d 178+66.34	592198.557	1460646.407						
Arc	PC	d 178+66.34	592198.557	1460646.407	12000	272.04	1°17'56.06"	Left	NC	45
	PI	d 180+02.36	592268.952	1460762.803						
	CC		602466.6966	1454436.31						
	PT	d 181+38.38	592341.9675	1460877.572						
Tangent	PT	d 181+38.38	592341.9675	1460877.572						
	POE	d 182+58.46	592406.4249	1460978.89						

PC - POINT OF CURVATURE
PCC - POINT OF COMPOUND CURVE
PT - POINT OF TANGENCY
PI - POINT OF INTERSECTION
CC - RADIUS POINT

HORIZONTAL ALIGNMENT TABLE SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_93.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 93 OF 186

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	POB		442+97.00	287.09	17.44	-2.55%				
	POVT		443+00.00	287.02						
	PVC		443+14.44	286.65						
Symmetrical Parabola	PVC		443+14.44	286.65	9.73	-2.55%	-1.88%	14.65	0.01	
	PVI		443+19.31	286.53						
	PVT		443+24.17	286.43						
Linear	PVT		443+24.17	286.43	79.12	-1.88%				
	POVT		443+50.00	285.95						
	POVT		444+00.00	285.01						
	PVC		444+03.29	284.94						
Symmetrical Parabola	PVC		444+03.29	284.94	695	-1.88%	-8.69%	102.15	-5.91	469.55
	POVC		444+50.00	283.96						
	POVC		445+00.00	282.67						
	POVC		445+50.00	281.13						
	POVC		446+00.00	279.35						
	POVC		446+50.00	277.32						
	POVC		447+00.00	275.05						
	POVC		447+50.00	272.53						
	PVI		447+50.79	278.40						
	POVC		448+00.00	269.77						
	POVC		448+50.00	266.77						
	POVC		449+00.00	263.52						
	POVC		449+50.00	260.02						
	POVC		450+00.00	256.28						
	POVC		450+50.00	252.30						
	PVT		450+98.29	248.22						
Linear	PVT		450+98.29	248.22	176.02	-8.69%				
	POVT		451+00.00	248.07						
	POVT		451+50.00	243.73						
	POVT		452+00.00	239.38						
	POVT		452+50.00	235.04						
	PVC		452+74.30	232.93						
Symmetrical Parabola	PVC		452+74.30	232.93	675	-8.69%	-2.72%	113.22	5.03	
	POVC		453+00.00	230.73						
	POVC		453+50.00	226.61						
	POVC		454+00.00	222.71						
	POVC		454+50.00	219.03						
	POVC		455+00.00	215.57						
	POVC		455+50.00	212.34						
	POVC		456+00.00	209.32						
	PVI		456+11.80	203.61						
	POVC		456+50.00	206.53						
	POVC		457+00.00	203.95						
	POVC		457+50.00	201.60						
	POVC		458+00.00	199.47						
	POVC		458+50.00	197.56						
	POVC		459+00.00	195.87						
	PVT		459+49.30	194.42						
Linear	PVT		459+49.30	194.42	235.7	-2.72%				
	POVT		459+50.00	194.40						
	POVT		460+00.00	193.04						
	POVT		460+50.00	191.67						
	POVT		461+00.00	190.31						
	POVT		461+50.00	188.95						
	PVC		461+85.00	188.00						
Symmetrical Parabola	PVC		461+85.00	188.00	160	-2.72%	-0.71%	79.26	0.4	
	POVC		462+00.00	187.60						
	POVC		462+50.00	186.49						
	PVI		462+65.00	185.82						
	POVC		463+00.00	185.70						
	PVT		463+45.00	185.25						
Linear	PVT		463+45.00	185.25	45	-0.71%				
	POVT		463+50.00	185.22						
	PVC		463+90.00	184.94						
Symmetrical Parabola	PVC		463+90.00	184.94	100	-0.71%	-3.55%	35.12	-0.36	429
	POVC		464+00.00	184.85						
	PVI		464+40.00	184.58						
	POVC		464+50.00	184.00						
	PVT		464+90.00	182.81						
Linear	PVT		464+90.00	182.81	97.5	-3.55%				
	POVT		465+00.00	182.45						
	POVT		465+50.00	180.67						
	PVC		465+87.50	179.34						
Symmetrical Parabola	PVC		465+87.50	179.34	165	-3.55%	4.02%	21.79	1.56	
	POVC		466+00.00	178.93						
	POVC		466+50.00	178.02						
	VLOW		466+64.92	177.97						
	PVI		466+70.00	176.41						
	POVC		467+00.00	178.25						
	POVC		467+50.00	179.63						
	PVT		467+52.50	179.73						
Linear	PVT		467+52.50	179.73	67.5	4.02%				
	POVT		468+00.00	181.64						
	PVC		468+20.00	182.44						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC		468+20.00	182.44	100	4.02%	0.54%	28.77	-0.43	360.46
	POVC		468+50.00	183.49						
	PVI		468+70.00	184.45						
	POVC		469+00.00	184.54						
	PVT		469+20.00	184.72						
Linear	PVT		469+20.00	184.72	120	0.54%				
	POVT		469+50.00	184.88						
	POVT		470+00.00	185.16						
	PVC		470+40.00	185.37						
Symmetrical Parabola	PVC		470+40.00	185.37	120	0.54%	3.69%	38.12	0.47	
	POVC		470+50.00	185.44						
	PVI		471+00.00	185.70						
	POVC		471+00.00	186.17						
	POVC		471+50.00	187.56						
	PVT		471+60.00	187.91						
Linear	PVT		471+60.00	187.91	85	3.69%				
	POVT		472+00.00	189.39						
	PVC		472+45.00	191.05						
Symmetrical Parabola	PVC		472+45.00	191.05	60	3.69%	3.14%	109.2	-0.04	1994.13
	POVC		472+50.00	191.24						
	PVI		472+75.00	192.16						
	POVC		473+00.00	192.94						
	PVT		473+05.00	193.10						
Linear	PVT		473+05.00	193.10	102.5	3.14%				
	POVT		473+50.00	194.52						
	POVT		474+00.00	196.09						
	PVC		474+07.50	196.32						
Symmetrical Parabola	PVC		474+07.50	196.32	265	3.14%	-1.21%	60.86	-1.44	380.32
	POVC		474+50.00	197.51						
	POVC		475+00.00	198.53						
	PVI		475+40.00	200.49						
	POVC		475+50.00	199.13						
	VHIGH		475+98.71	199.33						
	POVC		476+00.00	199.33						
	POVC		476+50.00	199.11						
	PVT		476+72.50	198.88						
Linear	PVT		476+72.50	198.88	2.5	-1.21%				
	PVC		476+75.00	198.85						
Symmetrical Parabola	PVC		476+75.00	198.85	40	-1.21%	-0.57%	62.3	0.03	
	PVI		476+95.00	198.61						
	POVC		477+00.00	198.60						
	PVT		477+15.00	198.49						
Linear	PVT		477+15.00	198.49	55	-0.57%				
	POVT		477+50.00	198.29						
	PVC		477+70.00	198.18						
Symmetrical Parabola	PVC		477+70.00	198.18	100	-0.57%	-1.32%	132.95	-0.09	1484.77
	POVC		478+00.00	197.97						
	PVI		478+20.00	197.89						
	POVC		478+50.00	197.48						
	PVT		478+70.00	197.23						
Linear	PVT		478+70.00	197.23	95	-1.32%				
	POVT		479+00.00	196.83						
	POVT		479+50.00	196.17						
	PVC		479+65.00	195.98						
Symmetrical Parabola	PVC		479+65.00	195.98	120	-1.32%	0.16%	81.14	0.22	
	POVC		480+00.00	195.59						
	PVI		480+25.00	195.18						
	POVC		480+50.00	195.30						
	VLOW		480+72.32	195.27						
	PVT		480+85.00	195.28						
Linear	PVT		480+85.00	195.28	157.5	0.16%				
	POVT		481+00.00	195.30						
	POVT		481+50.00	195.38						
	POVT		482+00.00	195.45						
	PVC		482+42.50	195.52						
Symmetrical Parabola	PVC		482+42.50	195.52	175	0.16%	4.86%	37.23	1.03	
	POVC		482+50.00	195.54						
	POVC		483+00.00	196.06						
	PVI		483+30.00	195.66						
	POVC		483+50.00	197.24						
	POVC		484+00.00	199.10						
	PVT		484+17.50	199.91						
Linear	PVT		484+17.50	199.91	130	4.86%				
	POVT		484+50.00	201.49						
	POVT		485+00.00	203.91						
	PVC		485+47.50	206.22						
Symmetrical Parabola	PVC		485+47.50	206.22	145	4.86%	-1.02%	24.66	-1.07	256.02
	POVC		485+50.00	206.34						
	POVC		486+00.00	208.21						
	PVI		486+20.00	209.74						
	POVC		486+50.00	209.07						
	VHIGH		486+67.25	209.13						
	PVT		486+92.50	209.00						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT		486+92.50	209.00	227.5	-1.02%				
	POVT		487+00.00	208.92						
	POVT		487+50.00	208.41						
	POVT		488+00.00	207.90						
	POVT		488+50.00	207.39						
	POVT		489+00.00	206.87						
	PVC		489+20.00	206.67						
Symmetrical Parabola	PVC		489+20.00	206.67	160	-1.02%	-5.03%	39.91	-0.8	349.2
	POVC		489+50.00	206.25						
	PVI		490+00.00	205.85						
	POVC		490+00.00	205.05						
	POVC		490+50.00	203.22						
	PVT		490+80.00	201.82						
Linear	PVT		490+80.00	201.82	95	-5.03%				
	POVT		491+00.00	200.82						
	POVT		491+50.00	198.30						
	PVC		491+75.00	197.04						
Symmetrical Parabola	PVC		491+75.00	197.04	60	-5.03%	-5.39%	167.2	-0.03	3037.16
	POVC		492+00.00	195.77						
	PVI		492+05.00	195.53						
	PVT		492+35.00	193.92						
Linear	PVT		492+35.00	193.92	75	-5.39%				
	POVT		492+50.00	193.11						
	POVT		493+00.00	190.41						
	PVC		493+10.00	189.87						
Symmetrical Parabola	PVC		493+10.00	189.87	290	-5.39%	2.51%	36.71	2.86	
	POVC		493+50.00	187.93						
	POVC		494+00.00	186.12						
	POVC		494+50.00	184.99						
	PVI		494+55.00	182.05						
	POVC		495+00.00	184.55						
	VLOW		495+07.90	184.54						
	POVC		495+50.00	184.78						
	PVT		496+00.00	185.69						
Linear	PVT		496+00.00	185.69	210	2.51%				
	POVT		496+50.00	186.95						
	POVT		497+00.00	188.20						
	POVT		497+50.00	189.46						
	POVT		498+00.00	190.71						
	PVC		498+10.00	190.96						
Symmetrical Parabola	PVC		498+10.00	190.96	140	2.51%	4.23%	81.53	0.3	
	POVC		498+50.00	192.06						
	PVI		498+80.00	192.72						
	POVC		499+00.00	193.72						
	PVT		499+50.00	195.68						
Linear	PVT		499+50.00	195.68	100	4.23%				
	POVT		500+00.00	197.79						
	PVC		500+50.00	199.90						
Symmetrical Parabola	PVC		500+50.00	199.90	160	4.23%	2.07%	74.19	-0.43	580.4
	POVC		501+00.00	201.85						
	PVI		501+30.00	203.28						
	POVC		501+50.00	203.45						
	POVC		502+00.00	204.73						
	PVT		502+10.00	204.94						
Linear	PVT		502+10.00	204.94	55	2.07%				
	POVT		502+50.00	205.77						
	PVC		502+65.00	206.08						
Symmetrical Parabola	PVC		502+65.00	206.08	60	2.07%	2.82%	79.88	0.06	
	PVI		502+95.00	206.70						
	POVC		503+00.00	206.88						
	PVT		503+25.00	207.54						
Linear	PVT		503+25.00	207.54	105	2.82%				
	POVT		503+50.00	208.25						
	POVT		504+00.00	209.66						
	PVC		504+30.00	210.51						
Symmetrical Parabola	PVC		504+30.00	210.51	220	2.82%	7.69%	45.19	1.34	
	POVC		504+50.00	211.11						
	POVC		505+00.00	213.02						
	PVI		505+40.00	213.61						
	POVC		505+50.00	215.48						
	POVC		506+00.00	218.50						
	PVT		506+50.00	222.07						

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

VERTICAL ALIGNMENT TABLE SHEET 1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_94.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 94 OF 186

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT		506+50.00	222.07	130	7.69%				
	POVT		507+00.00	225.91						
	POVT		507+50.00	229.76						
	PVC		507+80.00	232.06						
Symmetrical Parabola	PVC		507+80.00	232.06	420	7.69%	4.13%	117.87	-1.87	512.86
	POVC		508+00.00	233.58						
	POVC		508+50.00	237.24						
	POVC		509+00.00	240.68						
	POVC		509+50.00	243.91						
	PVI		509+90.00	248.21						
	POVC		510+00.00	246.93						
	POVC		510+50.00	249.73						
	POVC		511+00.00	252.32						
	POVC		511+50.00	254.70						
	PVT		512+00.00	256.87						
Linear	PVT		512+00.00	256.87	95	4.13%				
	POVT		512+50.00	258.94						
	PVC		512+95.00	260.79						
Symmetrical Parabola	PVC		512+95.00	260.79	90	4.13%	3.32%	112.02	-0.09	1388.16
	POVC		513+00.00	261.00						
	PVI		513+40.00	262.65						
	POVC		513+50.00	262.93						
	PVT		513+85.00	264.15						
Linear	PVT		513+85.00	264.15	265	3.32%				
	POVT		514+00.00	264.64						
	POVT		514+50.00	266.30						
	POVT		515+00.00	267.97						
	POVT		515+50.00	269.63						
	POVT		516+00.00	271.29						
	PVC		516+50.00	272.95						
Symmetrical Parabola	PVC		516+50.00	272.95	150	3.32%	1.65%	89.9	-0.31	721.79
	POVC		517+00.00	274.47						
	PVI		517+25.00	275.44						
	POVC		517+50.00	275.72						
	PVT		518+00.00	276.68						
Linear	PVT		518+00.00	276.68	320	1.65%				
	POVT		518+50.00	277.51						
	POVT		519+00.00	278.34						
	POVT		519+50.00	279.16						
	POVT		520+00.00	279.99						
	POVT		520+50.00	280.82						
	POVT		521+00.00	281.64						
	PVC		521+20.00	281.97						
Symmetrical Parabola	PVC		521+20.00	281.97	310	1.65%	11.28%	32.19	3.73	
	POVC		521+50.00	282.61						
	POVC		522+00.00	284.29						
	POVC		522+50.00	286.75						
	PVI		522+75.00	284.54						
	POVC		523+00.00	289.98						
	POVC		523+50.00	294.00						
	POVC		524+00.00	298.78						
	PVT		524+30.00	302.03						
Linear	PVT		524+30.00	302.03	100	11.28%				
	POVT		524+50.00	304.29						
	POVT		525+00.00	309.93						
	PVC		525+30.00	313.31						
Symmetrical Parabola	PVC		525+30.00	313.31	240	11.28%	-0.41%	20.52	-3.51	210.46
	POVC		525+50.00	315.47						
	POVC		526+00.00	320.02						
	PVI		526+50.00	326.85						
	POVC		526+50.00	323.35						
	POVC		527+00.00	325.46						
	POVC		527+50.00	326.35						
	VHIGH		527+61.58	326.38						
	PVT		527+70.00	326.36						
Linear	PVT		527+70.00	326.36	95	-0.41%				
	POVT		528+00.00	326.24						
	POVT		528+50.00	326.03						
	PVC		528+65.00	325.97						
Symmetrical Parabola	PVC		528+65.00	325.97	50	-0.41%	0.68%	45.82	0.07	
	VLOW		528+83.79	325.93						
	PVI		528+90.00	325.87						
	POVC		529+00.00	325.96						
	PVT		529+15.00	326.04						
Linear	PVT		529+15.00	326.04	80	0.68%				
	POVT		529+50.00	326.28						
	PVC		529+95.00	326.58						
Symmetrical Parabola	PVC		529+95.00	326.58	210	0.68%	5.94%	39.94	1.38	
	POVC		530+00.00	326.62						
	POVC		530+50.00	327.34						
	PVI		531+00.00	327.30						
	POVC		531+00.00	328.68						
	POVC		531+50.00	330.65						
	POVC		532+00.00	333.24						
	PVT		532+05.00	333.54						
Linear	PVT		532+05.00	333.54	20	5.94%				
	PVC		532+25.00	334.72						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC		532+25.00	334.72	360	5.94%	-2.09%	44.83	-3.61	311.07
	POVC		532+50.00	336.14						
	POVC		533+00.00	338.55						
	POVC		533+50.00	340.41						
	POVC		534+00.00	341.70						
	PVI		534+05.00	345.42						
	POVC		534+50.00	342.44						
	VHIGH		534+91.29	342.63						
	POVC		535+00.00	342.62						
	POVC		535+50.00	342.25						
	PVT		535+85.00	341.65						
Linear	PVT		535+85.00	341.65	10	-2.09%				
	PVC		535+95.00	341.44						
Symmetrical Parabola	PVC		535+95.00	341.44	220	-2.09%	-1.45%	346.04	0.17	
	POVC		536+00.00	341.34						
	POVC		536+50.00	340.34						
	POVC		537+00.00	339.41						
	PVI		537+05.00	339.15						
	POVC		537+50.00	338.55						
	POVC		538+00.00	337.77						
	PVT		538+15.00	337.55						
Linear	PVT		538+15.00	337.55	100	-1.45%				
	POVT		538+50.00	337.04						
	POVT		539+00.00	336.31						
	PVC		539+15.00	336.09						
Symmetrical Parabola	PVC		539+15.00	336.09	220	-1.45%	-0.92%	414.48	0.15	
	POVC		539+50.00	335.60						
	POVC		540+00.00	334.94						
	PVI		540+25.00	334.49						
	POVC		540+50.00	334.35						
	POVC		541+00.00	333.81						
	PVT		541+35.00	333.48						
Linear	PVT		541+35.00	333.48	100	-0.92%				
	POVT		541+50.00	333.34						
	POVT		542+00.00	332.88						
	PVC		542+35.00	332.55						
Symmetrical Parabola	PVC		542+35.00	332.55	230	-0.92%	2.01%	78.35	0.84	
	POVC		542+50.00	332.43						
	POVC		543+00.00	332.22						
	VLOW		543+07.35	332.22						
	PVI		543+50.00	331.49						
	POVC		543+50.00	332.33						
	POVC		544+00.00	332.77						
	POVC		544+50.00	333.52						
	PVT		544+65.00	333.80						
Linear	PVT		544+65.00	333.80	135	2.01%				
	POVT		545+00.00	334.51						
	POVT		545+50.00	335.51						
	PVC		546+00.00	336.52						
Symmetrical Parabola	PVC		546+00.00	336.52	330	2.01%	-3.39%	61.05	-2.23	364.63
	POVC		546+50.00	337.32						
	POVC		547+00.00	337.71						
	VHIGH		547+22.84	337.76						
	POVC		547+50.00	337.70						
	PVI		547+65.00	339.84						
	POVC		548+00.00	337.27						
	POVC		548+50.00	336.43						
	POVC		549+00.00	335.19						
	PVT		549+30.00	334.24						
Linear	PVT		549+30.00	334.24	260	-3.39%				
	POVT		549+50.00	333.56						
	POVT		550+00.00	331.87						
	POVT		550+50.00	330.17						
	POVT		551+00.00	328.47						
	POVT		551+50.00	326.78						
	PVC		551+90.00	325.42						
Symmetrical Parabola	PVC		551+90.00	325.42	150	-3.39%	-7.17%	39.77	-0.71	361.14
	POVC		552+00.00	325.07						
	POVC		552+50.00	322.93						
	PVI		552+65.00	322.87						
	POVC		553+00.00	320.16						
	PVT		553+40.00	317.50						
Linear	PVT		553+40.00	317.50	90	-7.17%				
	POVT		553+50.00	316.78						
	POVT		554+00.00	313.20						
	PVC		554+30.00	311.05						
Symmetrical Parabola	PVC		554+30.00	311.05	410	-7.17%	-0.22%	59.04	3.56	
	POVC		554+50.00	309.65						
	POVC		555+00.00	306.45						
	POVC		555+50.00	303.67						
	POVC		556+00.00	301.32						
	PVI		556+35.00	296.36						
	POVC		556+50.00	299.39						
	POVC		557+00.00	297.88						
	POVC		557+50.00	296.80						
	POVC		558+00.00	296.13						
	PVT		558+40.00	295.91						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT		558+40.00	295.91	145	-0.22%				
	POVT		558+50.00	295.89						
	POVT		559+00.00	295.78						
	POVT		559+50.00	295.67						
	PVC		559+85.00	295.59						
Symmetrical Parabola	PVC		559+85.00	295.59	160	-0.22%	4.60%	33.22	0.96	
	VLOW		559+92.31	295.58						
	POVC		560+00.00	295.59						
	POVC		560+50.00	296.08						
	PVI		560+65.00	295.42						
	POVC		561+00.00	297.33						
	PVT		561+45.00	299.09						
Linear	PVT		561+45.00	299.09	185	4.60%				
	POVT		561+50.00	299.32						
	POVT		562+00.00	301.62						
	POVT		562+50.00	303.92						
	POVT		563+00.00	306.22						
	PVC		563+30.00	307.60						
Symmetrical Parabola	PVC		563+30.00	307.60	200	4.60%	-8.88%	14.84	-3.37	178.95
	POVC		563+50.00	308.38						
	VHIGH		563+98.19	309.16						
	POVC		564+00.00	309.16						
	PVI		564+30.00	312.19						
	POVC		564+50.00	308.26						
	POVC		565+00.00	305.67						
	PVT		565+30.00	303.31						
Linear	PVT		565+30.00	303.31	110	-8.88%				
	POVT		565+50.00	301.53						
	POVT		566+00.00	297.09						
	PVC		566+40.00	293.54						
Symmetrical Parabola	PVC		566+40.00	293.54	200	-8.88%	-6.59%	87.22	0.57	
	POVC		566+50.00	292.65						
	POVC		567+00.00	288.41						
	PVI		567+40.00	284.65						
	POVC		567+50.00	284.46						
	POVC		568+00.00	280.79						
	PVT		568+40.00	278.06						
Linear	PVT		568+40.00	278.06	165	-6.59%				
	POVT		568+50.00	277.40						
	POVT		569+00.00	274.11						
	POVT		569+50.00	270.81						
	POVT		570+00.00	267.52						
	PVC		570+05.00	267.19						
Symmetrical Parabola	PVC		570+05.00	267.19	280	-6.59%	-3.22%	83.17	1.18	
	POVC		570+50.00	264.34						
	POVC		571+00.00	261.47						
	PVI		571+45.00	257.96						
	POVC		571+50.00	258.90						
	POVC		572+00.00	256.62						
	POVC		572+50.00	254.65						
	PVT		572+85.00	253.45						
Linear	PVT		572+85.00	253.45	220	-3.22%				
	POVT		573+00.00	252.97						
	POVT		573+50.00	251.35						
	POVT		574+00.00	249.74						
	POVT		574+50.00	248.13						
	POVT		575+00.00	246.52						
	PVC		575+05.00	246.36						
Symmetrical Parabola	PVC		575+05.00	246.36	400	-3.22%	-5.23%	198.99	-1.01	736.84
	POVC		575+50.00	244.86						
	POVC		576+00.00	243.07						
	POVC		576+50.00	241.15						
	POVC		577+00.00	239.12						
	PVI		577+05.00	239.91						
	POVC		577+50.00	236.95						
	POVC		578+00.00	234.66						
	POVC		578+50.00	232.25						
	POVC		579+00.00	229.70						
	PVT		579+05.00	229.44						
Linear	PVT		579+05.00	229.44	155	-5.23%				
	POVT		579+50.00	227.09						
	POVT		580+00.00	224.47						
	POVT		580+50.00	221.85						
	PVC		580+60.00	221.33						

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

VERTICAL ALIGNMENT TABLE SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_95.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 95 OF 186

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC		580+60.00	221.33	70	-5.23%	-4.35%	78.94	0.08	
	PVI		580+95.00	219.50						
	POVC		581+00.00	219.34						
	PVT		581+30.00	217.98						
Linear	PVT		581+30.00	217.98	70	-4.35%				
	POVT		581+50.00	217.11						
	PVC		582+00.00	214.93						
Symmetrical Parabola	PVC		582+00.00	214.93	150	-4.35%	-6.66%	64.95	-0.43	542.28
	POVC		582+50.00	212.57						
	PVI		582+75.00	211.67						
	POVC		583+00.00	209.82						
	PVT		583+50.00	206.68						
Linear	PVT		583+50.00	206.68	15	-6.66%				
	PVC		583+65.00	205.68						
Symmetrical Parabola	PVC		583+65.00	205.68	350	-6.66%	-4.22%	143.81	1.06	
	POVC		584+00.00	203.40						
	POVC		584+50.00	200.28						
	POVC		585+00.00	197.33						
	PVI		585+40.00	194.03						
	POVC		585+50.00	194.56						
	POVC		586+00.00	191.96						
	POVC		586+50.00	189.54						
	POVC		587+00.00	187.29						
	PVT		587+15.00	186.64						
Linear	PVT		587+15.00	186.64	49.69	-4.22%				
	POVT		587+50.00	185.17						
	PVC		587+64.69	184.55						
Symmetrical Parabola	PVC		587+64.69	184.55	175	-4.22%	-9.47%	33.36	-1.15	293.23
			587+92.19							
		a	0+00							
	POVC	a	0+00	183.27						
	POVC	a	0+50	180.37						
	PVI	a	0+60	180.85						
	POVC	a	1+00.00	176.73						
	PVT	a	1+47.50	172.57						
Linear	PVT	a	1+47.50	172.57	67.5	-9.47%				
	POVT	a	1+50.00	172.33						
	POVT	a	2+00.00	167.60						
	PVC	a	2+15.00	166.18						
Symmetrical Parabola	PVC	a	2+15.00	166.18	190	-9.47%	-1.89%	25.06	1.8	
	POVC	a	2+50.00	163.11						
	POVC	a	3+00.00	159.57						
	PVI	a	3+10.00	157.18						
	POVC	a	3+50.00	157.03						
	POVC	a	4+00.00	155.49						
	PVT	a	4+05.00	155.39						
Linear	PVT	a	4+05.00	155.39	50	-1.89%				
	POVT	a	4+50.00	154.54						
	PVC	a	4+55.00	154.45						
Symmetrical Parabola	PVC	a	4+55.00	154.45	280	-1.89%	-0.21%	166.66	0.59	
	POVC	a	5+00.00	153.66						
	POVC	a	5+50.00	152.93						
	PVI	a	5+95.00	151.81						
	POVC	a	6+00.00	152.34						
	POVC	a	6+50.00	151.91						
	POVC	a	7+00.00	151.63						
	PVT	a	7+35.00	151.52						
Linear	PVT	a	7+35.00	151.52	52.5	-0.21%				
	POVT	a	7+50.00	151.49						
	PVC	a	7+87.50	151.41						
Symmetrical Parabola	PVC	a	7+87.50	151.41	125	-0.21%	1.33%	81.32	0.24	
	POVC	a	8+00.00	151.39						
	VLOW	a	8+04.26	151.39						
	PVI	a	8+50.00	151.28						
	POVC	a	8+50.00	151.52						
	POVC	a	9+00.00	151.96						
	PVT	a	9+12.50	152.11						
Linear	PVT	a	9+12.50	152.11	72.5	1.33%				
	POVT	a	9+50.00	152.61						
	PVC	a	9+85.00	153.08						
Symmetrical Parabola	PVC	a	9+85.00	153.08	60	1.33%	1.12%	282.93	-0.02	5118.72
	POVC	a	10+00.00	153.27						
	PVI	a	10+15.00	153.48						
	PVT	a	10+45.00	153.81						
Linear	PVT	a	10+45.00	153.81	304.06	1.12%				
	POVT	a	10+50.00	153.87						
	POVT	a	11+00.00	154.43						
		a	11+34.06							
		b	0+00							
	POVT	b	0+00	154.81						
	POVT	b	0+50	155.37						
	POVT	b	1+00.00	155.93						
	POVT	b	1+50.00	156.49						
	POVT	b	2+00.00	157.05						
	PVC	b	2+15.00	157.21						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	b	2+15.00	157.21	490	1.12%	9.12%	61.23	4.9	
	POVC	b	2+50.00	157.71						
	POVC	b	3+00.00	158.76						
	POVC	b	3+50.00	160.21						
	POVC	b	4+00.00	162.08						
	POVC	b	4+50.00	164.35						
	PVI	b	4+60.00	159.96						
	POVC	b	5+00.00	167.04						
	POVC	b	5+50.00	170.13						
	POVC	b	6+00.00	173.63						
	POVC	b	6+50.00	177.53						
	POVC	b	7+00.00	181.85						
	PVT	b	7+05.00	182.30						
Linear	PVT	b	7+05.00	182.30	165	9.12%				
	POVT	b	7+50.00	186.41						
	POVT	b	8+00.00	190.97						
	POVT	b	8+50.00	195.53						
	PVC	b	8+70.00	197.35						
Symmetrical Parabola	PVC	b	8+70.00	197.35	210	9.12%	0.43%	24.16	-2.28	229.15
	POVC	b	9+00.00	199.90						
	POVC	b	9+50.00	203.33						
	PVI	b	9+75.00	206.93						
	POVC	b	10+00.00	205.71						
	POVC	b	10+50.00	207.07						
	PVT	b	10+80.00	207.38						
Linear	PVT	b	10+80.00	207.38	120	0.43%				
	POVT	b	11+00.00	207.47						
	POVT	b	11+50.00	207.68						
	PVC	b	12+00.00	207.90						
Symmetrical Parabola	PVC	b	12+00.00	207.90	100	0.43%	2.21%	56.03	0.22	
	PVI	b	12+50.00	208.11						
	PVT	b	13+00.00	209.22						
Linear	PVT	b	13+00.00	209.22	70	2.21%				
	POVT	b	13+50.00	210.32						
	PVC	b	13+70.00	210.77						
Symmetrical Parabola	PVC	b	13+70.00	210.77	150	2.22%	6.98%	31.47	0.89	
	POVC	b	14+00.00	211.57						
	PVI	b	14+45.00	212.43						
	POVC	b	14+50.00	213.55						
	POVC	b	15+00.00	216.33						
	PVT	b	15+20.00	217.66						
Linear	PVT	b	15+20.00	217.66	95	6.98%				
	POVT	b	15+50.00	219.76						
	POVT	b	16+00.00	223.25						
	PVC	b	16+15.00	224.29						
Symmetrical Parabola	PVC	b	16+15.00	224.29	200	6.98%	-2.44%	21.23	-2.36	214.55
	POVC	b	16+50.00	226.45						
	POVC	b	17+00.00	228.53						
	PVI	b	17+15.00	231.28						
	POVC	b	17+50.00	229.43						
	VHIGH	b	17+63.20	229.47						
	POVC	b	18+00.00	229.15						
	PVT	b	18+15.00	228.84						
Linear	PVT	b	18+15.00	228.84	330	-2.44%				
	POVT	b	18+50.00	227.98						
	POVT	b	19+00.00	226.76						
	POVT	b	19+50.00	225.54						
	POVT	b	20+00.00	224.32						
	POVT	b	20+50.00	223.10						
	POVT	b	21+00.00	221.88						
	PVC	b	21+45.00	220.78						
Symmetrical Parabola	PVC	b	21+45.00	220.78	150	-2.44%	-0.80%	91.26	0.31	
	POVC	b	21+50.00	220.66						
	POVC	b	22+00.00	219.61						
	PVI	b	22+20.00	218.96						
	POVC	b	22+50.00	218.83						
	PVT	b	22+95.00	218.36						
Linear	PVT	b	22+95.00	218.36	25	-0.80%				
	POVT	b	23+00.00	218.32						
	PVC	b	23+20.00	218.16						
Symmetrical Parabola	PVC	b	23+20.00	218.16	50	-0.80%	-1.90%	45.3	-0.07	1002.67
	PVI	b	23+45.00	217.96						
	POVC	b	23+50.00	217.82						
	PVT	b	23+70.00	217.48						
Linear	PVT	b	23+70.00	217.48	125	-1.90%				
	POVT	b	24+00.00	216.91						
	POVT	b	24+50.00	215.96						
	PVC	b	24+95.00	215.11						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	b	24+95.00	215.11	100	-1.90%	-0.71%	84.05	0.15	
	POVC	b	25+00.00	215.02						
	PVI	b	25+45.00	214.16						
	POVC	b	25+50.00	214.24						
	PVT	b	25+95.00	213.80						
Linear	PVT	b	25+95.00	213.80	45.3	-0.71%				
	POVT	b	26+00.00	213.77						
	PVC	b	26+40.30	213.48						
Symmetrical Parabola	PVC	b	26+40.30	213.48	75	-0.71%	-1.58%	86.69	-0.08	1284.79
	POVC	b	26+50.00	213.41						
	PVI	b	26+77.80	213.22						
	POVC	b	27+00.00	212.85						
	PVT	b	27+15.30	212.63						
Linear	PVT	b	27+15.30	212.63	99.7	-1.58%				
	POVT	b	27+50.00	212.08						
	POVT	b	28+00.00	211.29						
	PVC	b	28+15.00	211.06						
Symmetrical Parabola	PVC	b	28+15.00	211.06	330	-1.58%	1.57%	105.03	1.3	
	POVC	b	28+50.00	210.56						
	POVC	b	29+00.00	210.06						
	POVC	b	29+50.00	209.80						
	PVI	b	29+80.00	208.46						
	VLOW	b	29+80.46	209.75						
	POVC	b	30+00.00	209.77						
	POVC	b	30+50.00	209.98						
	POVC	b	31+00.00	210.43						
	PVT	b	31+45.00	211.04						
Linear	PVT	b	31+45.00	211.04	215	1.57%				
	POVT	b	31+50.00	211.12						
	POVT	b	32+00.00	211.90						
	POVT	b	32+50.00	212.69						
	POVT	b	33+00.00	213.47						
	POVT	b	33+50.00	214.25						
	PVC	b	33+60.00	214.41						
Symmetrical Parabola	PVC	b	33+60.00	214.41	60	1.57%	2.19%	95.71	0.05	
	PVI	b	33+90.00	214.88						
	POVC	b	34+00.00	215.12						
	PVT	b	34+20.00	215.54						
Linear	PVT	b	34+20.00	215.54	50	2.19%				
	POVT	b	34+50.00	216.20						
	PVC	b	34+70.00	216.63						
Symmetrical Parabola	PVC	b	34+70.00	216.63	60	2.19%	1.83%	165.66	-0.03	3009.47
	PVI	b	35+00.00	217.29						
	POVC	b	35+00.00	217.27						
	PVT	b	35+30.00	217.84						
Linear	PVT	b	35+30.00	217.84	185	1.83%				
	POVT	b	35+50.00	218.21						
	POVT	b	36+00.00	219.12						
	POVT	b	36+50.00	220.04						
	POVT	b	37+00.00	220.95						
	PVC	b	37+15.00	221.23						
Symmetrical Parabola	PVC	b	37+15.00	221.23	60	1.83%	2.32%	123.97	0.04	
	PVI	b	37+45.00	221.78						
	POVC	b	37+50.00	221.92						
	PVT	b	37+75.00	222.47						
Linear	PVT	b	37+75.00	222.47	82.5	2.32%				
	POVT	b	38+00.00	223.05						
	POVT	b	38+50.00	224.21						
	PVC	b	38+57.50	224.38						
Symmetrical Parabola	PVC	b	38+57.50	224.38	125	2.32%	0.59%	72.32	-0.27	686.84
	POVC	b	39+00.00	225.24						
	PVI	b	39+20.00	225.83						
	POVC	b	39+50.00	225.93						
	PVT	b	39+82.50	226.20						
Linear	PVT	b	39+82.50	226.20	95	0.59%				
	POVT	b	40+00.00	226.30						
	POVT	b	40+50.00	226.59						
	PVC	b	40+77.50	226.75						
Symmetrical Parabola	PVC	b	40+77.50	226.75	75	0.59%	-3.07%	20.52	-0.34	332.75
	VHIGH	b	40+89.54	226.79						
	POVC	b	41+00.00	226.76						
	PVI	b	41+15.00	226.97						
	POVC	b	41+50.00	225.90						
	PVT	b	41+52.50	225.82						

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

VERTICAL ALIGNMENT TABLE SHEET 3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_96.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 96 OF 186

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	b	41+52.50	225.82						
	POVT	b	42+00.00	224.37	55	-3.07%				
	PVC	b	42+07.50	224.14						
Symmetrical Parabola	PVC	b	42+07.50	224.14						
	POVC	b	42+50.00	222.95						
	PVI	b	42+55.00	222.68	95	-3.07%	-1.87%	79.27	0.14	
	POVC	b	43+00.00	221.84						
	PVT	b	43+02.50	221.79						
Linear	PVT	b	43+02.50	221.79						
	POVT	b	43+50.00	220.90	57.5	-1.87%				
	PVC	b	43+60.00	220.72						
Symmetrical Parabola	PVC	b	43+60.00	220.72						
	POVC	b	44+00.00	220.25						
	PVI	b	44+10.00	219.78	100	-1.87%	1.65%	28.43	0.44	
	VLOW	b	44+13.16	220.22						
	POVC	b	44+50.00	220.46						
	PVT	b	44+60.00	220.61						
Linear	PVT	b	44+60.00	220.61						
	POVT	b	45+00.00	221.26	80	1.65%				
	PVC	b	45+40.00	221.92						
Symmetrical Parabola	PVC	b	45+40.00	221.92						
	POVC	b	45+50.00	222.07						
	PVI	b	45+70.00	222.42	60	1.65%	-0.51%	27.82	-0.16	530.37
	VHIGH	b	45+85.83	222.30						
	PVT	b	46+00.00	222.26						
Linear	PVT	b	46+00.00	222.26						
	POVT	b	46+50.00	222.01	70	-0.51%				
	PVC	b	46+70.00	221.91						
Symmetrical Parabola	PVC	b	46+70.00	221.91						
	POVC	b	47+00.00	221.81						
	VLOW	b	47+11.69	221.80	90	-0.51%	0.59%	81.84	0.12	
	PVI	b	47+15.00	221.68						
	POVC	b	47+50.00	221.89						
	PVT	b	47+60.00	221.94						
Linear	PVT	b	47+60.00	221.94						
	POVT	b	48+00.00	222.18	110	0.59%				
	POVT	b	48+50.00	222.48						
	PVC	b	48+70.00	222.59						
Symmetrical Parabola	PVC	b	48+70.00	222.59						
	POVC	b	49+00.00	222.83						
	PVI	b	49+35.00	222.98	130	0.59%	2.24%	78.99	0.27	
	POVC	b	49+50.00	223.47						
	PVT	b	50+00.00	224.43						
Linear	PVT	b	50+00.00	224.43	40	2.24%				
	PVC	b	50+40.00	225.33						
Symmetrical Parabola	PVC	b	50+40.00	225.33						
	POVC	b	50+50.00	225.54						
	POVC	b	51+00.00	226.45	130	2.24%	0.68%	83.31	-0.25	756.55
	PVI	b	51+05.00	226.78						
	POVC	b	51+50.00	227.06						
	PVT	b	51+70.00	227.22						
Linear	PVT	b	51+70.00	227.22						
	POVT	b	52+00.00	227.42	85	0.68%				
	POVT	b	52+50.00	227.76						
	PVC	b	52+55.00	227.79						
Symmetrical Parabola	PVC	b	52+55.00	227.79						
	POVC	b	53+00.00	228.19						
	PVI	b	53+30.00	228.30	150	0.68%	2.09%	105.91	0.27	
	POVC	b	53+50.00	228.86						
	POVC	b	54+00.00	229.76						
	PVT	b	54+05.00	229.87						
Linear	PVT	b	54+05.00	229.87						
	POVT	b	54+50.00	230.81	67.5	2.09%				
	PVC	b	54+72.50	231.28						
Symmetrical Parabola	PVC	b	54+72.50	231.28						
	POVC	b	55+00.00	231.77						
	PVI	b	55+10.00	232.06	75	2.09%	0.35%	42.99	-0.16	656.09
	PVT	b	55+47.50	232.19						
Linear	PVT	b	55+47.50	232.19						
	POVT	b	55+50.00	232.20	70	0.35%				
	POVT	b	56+00.00	232.38						
	PVC	b	56+17.50	232.44						
Symmetrical Parabola	PVC	b	56+17.50	232.44						
	POVC	b	56+50.00	232.60	75	0.35%	1.01%	113.86	0.06	
	PVI	b	56+55.00	232.57						
	PVT	b	56+92.50	232.95						
Linear	PVT	b	56+92.50	232.95						
	POVT	b	57+00.00	233.02	32.5	1.01%				
	PVC	b	57+25.00	233.27						
Symmetrical Parabola	PVC	b	57+25.00	233.27						
	POVC	b	57+50.00	233.51						
	PVI	b	57+80.00	233.83	110	1.01%	0.50%	217.2	-0.07	2185.86
	POVC	b	58+00.00	233.90						
	PVT	b	58+35.00	234.10						
Linear	PVT	b	58+35.00	234.10						
	POVT	b	58+50.00	234.18	97.5	0.50%				
	POVT	b	59+00.00	234.43						
	PVC	b	59+32.50	234.59						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	b	59+32.50	234.59						
	POVC	b	59+50.00	234.69	65	0.50%	1.27%	84	0.06	
	PVI	b	59+65.00	234.75						
	PVT	b	59+97.50	235.16						
Linear	PVT	b	59+97.50	235.16						
	POVT	b	60+00.00	235.20	82.5	1.27%				
	POVT	b	60+50.00	235.83						
	PVC	b	60+80.00	236.21						
Symmetrical Parabola	PVC	b	60+80.00	236.21						
	POVC	b	61+00.00	236.40						
	VHIGH	b	61+16.86	236.45	110	1.27%	-2.53%	28.95	-0.52	338.99
	PVI	b	61+35.00	236.92						
	POVC	b	61+50.00	236.26						
	PVT	b	61+90.00	235.53						
Linear	PVT	b	61+90.00	235.53						
	POVT	b	62+00.00	235.27	15	-2.53%				
	PVC	b	62+05.00	235.15						
Symmetrical Parabola	PVC	b	62+05.00	235.15						
	POVC	b	62+50.00	234.22						
	POVC	b	63+00.00	233.70						
	PVI	b	63+05.00	232.62	200	-2.53%	1.70%	47.32	1.06	
	VLOW	b	63+24.56	233.64						
	POVC	b	63+50.00	233.70						
	POVC	b	64+00.00	234.24						
	PVT	b	64+05.00	234.32						
Linear	PVT	b	64+05.00	234.32						
	POVT	b	64+50.00	235.09						
	POVT	b	65+00.00	235.94	205	1.70%				
	POVT	b	65+50.00	236.79						
	POVT	b	66+00.00	237.64						
	PVC	b	66+10.00	237.81						
Symmetrical Parabola	PVC	b	66+10.00	237.81						
	POVC	b	66+50.00	238.29						
	PVI	b	66+60.00	238.66	100	1.70%	-0.72%	41.36	-0.3	496.3
	VHIGH	b	66+80.30	238.40						
	POVC	b	67+00.00	238.36						
	PVT	b	67+10.00	238.30						
Linear	PVT	b	67+10.00	238.30						
	PVC	b	67+30.00	238.15	20	-0.72%				
Symmetrical Parabola	PVC	b	67+30.00	238.15						
	POVC	b	67+50.00	238.05						
	VLOW	b	67+65.39	238.03						
	POVC	b	68+00.00	238.15	160	-0.72%	2.53%	49.29	0.65	
	PVI	b	68+10.00	237.58						
	POVC	b	68+50.00	238.75						
	PVT	b	68+90.00	239.60						
Linear	PVT	b	68+90.00	239.60						
	POVT	b	69+00.00	239.85	75	2.53%				
	POVT	b	69+50.00	241.12						
	PVC	b	69+65.00	241.50						
Symmetrical Parabola	PVC	b	69+65.00	241.50						
	POVC	b	70+00.00	242.04						
	VHIGH	b	70+10.56	242.07	100	2.53%	-3.02%	18.02	-0.69	244.47
	PVI	b	70+15.00	242.76						
	POVC	b	70+50.00	241.64						
	PVT	b	70+65.00	241.25						
Linear	PVT	b	70+65.00	241.25						
	POVT	b	71+00.00	240.19						
	POVT	b	71+50.00	238.68	152.5	-3.02%				
	POVT	b	72+00.00	237.17						
	PVC	b	72+17.50	236.64						
Symmetrical Parabola	PVC	b	72+17.50	236.64						
	POVC	b	72+50.00	235.57	75	-3.02%	-4.27%	60.07	-0.12	901.86
	PVI	b	72+55.00	235.51						
	PVT	b	72+92.50	233.91						
Linear	PVT	b	72+92.50	233.91						
	POVT	b	73+00.00	233.59	72.5	-4.27%				
	POVT	b	73+50.00	231.46						
	PVC	b	73+65.00	230.81						
Symmetrical Parabola	PVC	b	73+65.00	230.81						
	POVC	b	74+00.00	229.43						
	PVI	b	74+30.00	228.04	130	-4.27%	-2.00%	57.21	0.37	
	POVC	b	74+50.00	227.82						
	PVRC	b	74+95.00	226.74						
Symmetrical Parabola	PVRC	b	74+95.00	226.74						
	POVC	b	75+00.00	226.64						
	POVC	b	75+50.00	225.54	130	-2.00%	-2.86%	150.38	-0.14	1313.35
	PVI	b	75+60.00	225.44						
	POVC	b	76+00.00	224.28						
	PVT	b	76+25.00	223.58						
Linear	PVT	b	76+25.00	223.58						
	PVC	b	76+45.00	223.01	20	-2.86%				

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	b	76+45.00	223.01						
	POVC	b	76+50.00	222.87						
	POVC	b	77+00.00	221.65	150	-2.86%	-0.75%	70.94	0.4	
	PVI	b	77+20.00	220.87						
	POVC	b	77+50.00	220.78						
	PVT	b	77+95.00	220.31						
Linear	PVT	b	77+95.00	220.31						
	POVT	b	78+00.00	220.27	30	-0.75%				
	PVC	b	78+25.00	220.08						
Symmetrical Parabola	PVC	b	78+25.00	220.08						
	POVC	b	78+50.00	219.86						
	PVI	b	79+00.00	219.52	150	-0.75%	-2.45%	88.13	-0.32	709.03
	POVC	b	79+00.00	219.20						
	POVC	b	79+50.00	218.26						
	PVT	b	79+75.00	217.68						
Linear	PVT	b	79+75.00	217.68						
	POVT	b	80+00.00	217.07						
	POVT	b	80+50.00	215.85	162.5	-2.45%				
	POVT	b	81+00.00	214.62						
	PVC	b	81+37.50	213.70						
Symmetrical Parabola	PVC	b	81+37.50	213.70						
	POVC	b	81+50.00	213.36						
	PVI	b	82+00.00	212.17	125	-2.45%	-8.04%	22.35	-0.87	255.49
	POVC	b	82+00.00	211.30						
	POVC	b	82+50.00	208.12						
	PVT	b	82+62.50	207.15						
Linear	PVT	b	82+62.50	207.15						
	POVT	b	83+00.00	204.13	92.5	-8.04%				
	POVT	b	83+50.00	200.11						
	PVC	b	83+55.00	199.71						
Symmetrical Parabola	PVC	b	83+55.00	199.71						
	POVC	b	84+00.00	196.72						
	POVC	b	84+50.00	194.88						
	PVI	b	84+60.00	191.27	210	-8.04%	5.03%	16.06	3.43	
	VLOW	b	84+84.16	194.52						
	POVC	b	85+00.00	194.60						
	POVC	b	85+50.00	195.87						
	PVT	b	85+65.00	196.55						
Linear	PVT	b	85+65.00	196.55						
	POVT	b	86+00.00	198.31	105	5.03%				
	POVT	b	86+50.00	200.83						
	PVC	b	86+70.00	201.84						
Symmetrical Parabola	PVC	b	86+70.00	201.84						
	POVC	b	87+00.00	203.21						
	PVI	b	87+35.00	205.11	130	5.03%	0.97%	31.98	-0.66	330.5
	POVC	b	87+50.00	204.86						
	PVT	b	88+00.00	205.74						
Linear	PVT	b	88+00.00	205.74						
	POVT	b	88+50.00	206.22						
	POVT	b	89+00.00	206.70	210	0.97%				
	POVT	b	89+50.00	207.19						
	POVT	b	90+00.00	207.67						
	PVC	b	90+10.00	207.77						
Symmetrical Parabola	PVC	b	90+10.00	207.77						
	POVC	b	90+50.00	208.01						
	VHIGH	b	90+62.60	208.02						
	POVC	b	91+00.00	207.90						
	POVC	b	91+50.00	207.32	340	0.97%	-5.29%	54.35	-2.66	342.49
	PVI	b	91+80.00	209.41						
	POVC	b	92+00.00	206.29						
	POVC	b	92+50.00	204.79						
	POVC	b	93+00.00	202.84						
	PVT	b	93+50.00	200.42						
Linear	PVT	b	93+50.00	200.42						
	POVT	b	94+00.00	197.78	80	-5.29%				
	PVC	b	94+30.00	196.19						
Symmetrical Parabola	PVC	b	94+30.00	196.19						
	POVC	b	94+50.00	195.20						
	POVC	b	95+00.00	193.27						
	POVC	b	95+50.00	192.13						
	VLOW	b	95+96.78	191.78						
	POVC	b	96+00.00	191.79						
	POVC	b	96+50.00	192.23	460	-5.29%	9.30%	31.54	8.39	
	PVI	b	96+60.00	184.03						
	POVC	b	97+00.00	193.47						
	POVC	b	97+50.00	195.51						
	POVC	b	98+00.00	198.33						
	POVC	b	98+50.00	201.95						
	PVT	b	98+90.00	205.41						

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

VERTICAL ALIGNMENT TABLE SHEET 4

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_97.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 97 OF 186

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	b	98+90.00	205.41	22.5	9.30%				
	POVT	b	99+00.00	206.34						
	PVC	b	99+12.50	207.51						
Symmetrical Parabola	PVC	b	99+12.50	207.51	75	9.30%	5.48%	19.65	-0.36	320.3
	PVI	b	99+50.00	210.99						
	POVC	b	99+50.00	210.64						
	PVT	b	99+87.50	213.05						
Linear	PVT	b	99+87.50	213.05	57.5	5.48%				
	POVT	b	100+00.00	213.73						
	PVC	b	100+45.00	216.20						
Symmetrical Parabola	PVC	b	100+45.00	216.20	60	5.48%	6.02%	112.16	0.04	
	POVC	b	100+50.00	216.48						
	PVI	b	100+75.00	217.84						
	POVC	b	101+00.00	219.35						
	PVT	b	101+05.00	219.65						
Linear	PVT	b	101+05.00	219.65	85	6.02%				
	POVT	b	101+50.00	222.36						
	PVC	b	101+90.00	224.76						
Symmetrical Parabola	PVC	b	101+90.00	224.76	60	6.02%	5.04%	61.66	-0.07	1138.94
	POVC	b	102+00.00	225.36						
	PVI	b	102+20.00	226.57						
	PVT	b	102+50.00	228.08						
Linear	PVT	b	102+50.00	228.08	105	5.04%				
	POVT	b	103+00.00	230.60						
	POVT	b	103+50.00	233.12						
	PVC	b	103+55.00	233.38						
Symmetrical Parabola	PVC	b	103+55.00	233.38	150	5.04%	9.59%	32.97	0.85	
	POVC	b	104+00.00	235.95						
	PVI	b	104+30.00	237.16						
	POVC	b	104+50.00	239.54						
	POVC	b	105+00.00	243.88						
	PVT	b	105+05.00	244.35						
Linear	PVT	b	105+05.00	244.35	75	9.59%				
	POVT	b	105+50.00	248.67						
	PVC	b	105+80.00	251.55						
Symmetrical Parabola	PVC	b	105+80.00	251.55	110	9.59%	4.10%	20.02	-0.76	251.45
	POVC	b	106+00.00	253.37						
	PVI	b	106+35.00	256.82						
	POVC	b	106+50.00	257.04						
	PVT	b	106+90.00	259.08						
Linear	PVT	b	106+90.00	259.08	130	4.10%				
	POVT	b	107+00.00	259.49						
	POVT	b	107+50.00	261.54						
	POVT	b	108+00.00	263.59						
	PVC	b	108+20.00	264.41						
Symmetrical Parabola	PVC	b	108+20.00	264.41	110	4.10%	2.32%	61.88	-0.24	662.05
	POVC	b	108+50.00	265.56						
	PVI	b	108+75.00	266.66						
	POVC	b	109+00.00	267.17						
	PVT	b	109+30.00	267.94						
Linear	PVT	b	109+30.00	267.94	117.5	2.32%				
	POVT	b	109+50.00	268.40						
	POVT	b	110+00.00	269.56						
	PVC	b	110+47.50	270.67						
Symmetrical Parabola	PVC	b	110+47.50	270.67	125	2.32%	3.88%	80.36	0.24	
	POVC	b	110+50.00	270.73						
	POVC	b	111+00.00	272.06						
	PVI	b	111+10.00	272.12						
	POVC	b	111+50.00	273.70						
	PVT	b	111+72.50	274.54						
Linear	PVT	b	111+72.50	274.54	47.5	3.88%				
	POVT	b	112+00.00	275.61						
	PVC	b	112+20.00	276.38						
Symmetrical Parabola	PVC	b	112+20.00	276.38	200	3.88%	0.92%	67.64	-0.74	464.99
	POVC	b	112+50.00	277.48						
	POVC	b	113+00.00	279.01						
	PVI	b	113+20.00	280.26						
	POVC	b	113+50.00	280.17						
	POVC	b	114+00.00	280.97						
	PVT	b	114+20.00	281.18						
Linear	PVT	b	114+20.00	281.18	80	0.92%				
	POVT	b	114+50.00	281.46						
	PVC	b	115+00.00	281.92						
Symmetrical Parabola	PVC	b	115+00.00	281.92	100	0.92%	1.65%	137.12	0.09	
	PVI	b	115+50.00	282.38						
	POVC	b	115+50.00	282.47						
	PVT	b	116+00.00	283.20						
Linear	PVT	b	116+00.00	283.20	155.96	1.65%				
	POVT	b	116+50.00	284.03						
	POVT	b	117+00.00	284.85						
		b	117+45.96							
		c	0+00							
	POVT	c	0+00	285.61						
	PVC	c	0+10	285.78						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	c	0+10	285.78	150	1.65%	3.41%	85.22	0.33	
	POVC	c	0+50	286.53						
	PVI	c	0+85	287.01						
	POVC	c	1+00.00	287.74						
	POVC	c	1+50.00	289.24						
	PVT	c	1+60.00	289.57						
Linear	PVT	c	1+60.00	289.57	95	3.41%				
	POVT	c	2+00.00	290.94						
	POVT	c	2+50.00	292.64						
	PVC	c	2+55.00	292.81						
Symmetrical Parabola	PVC	c	2+55.00	292.81	150	3.41%	8.31%	30.61	0.92	
	POVC	c	3+00.00	294.68						
	PVI	c	3+30.00	295.37						
	POVC	c	3+50.00	297.52						
	POVC	c	4+00.00	301.19						
	PVT	c	4+05.00	301.60						
Linear	PVT	c	4+05.00	301.60	57.5	8.31%				
	POVT	c	4+50.00	305.34						
	PVC	c	4+62.50	306.38						
Symmetrical Parabola	PVC	c	4+62.50	306.38	125	8.31%	2.42%	21.21	-0.92	245.62
	POVC	c	5+00.00	309.16						
	PVI	c	5+25.00	311.57						
	POVC	c	5+50.00	311.85						
	PVT	c	5+87.50	313.08						
Linear	PVT	c	5+87.50	313.08	87.5	2.42%				
	POVT	c	6+00.00	313.39						
	POVT	c	6+50.00	314.59						
	PVC	c	6+75.00	315.20						
Symmetrical Parabola	PVC	c	6+75.00	315.20	390	2.42%	7.29%	80.01	2.38	
	POVC	c	7+00.00	315.84						
	POVC	c	7+50.00	317.36						
	POVC	c	8+00.00	319.20						
	POVC	c	8+50.00	321.34						
	PVI	c	8+70.00	319.91						
	POVC	c	9+00.00	323.80						
	POVC	c	9+50.00	326.57						
	POVC	c	10+00.00	329.65						
	POVC	c	10+50.00	333.05						
	PVT	c	10+65.00	334.13						
Linear	PVT	c	10+65.00	334.13	132.5	7.29%				
	POVT	c	11+00.00	336.68						
	POVT	c	11+50.00	340.33						
	PVC	c	11+97.50	343.79						
Symmetrical Parabola	PVC	c	11+97.50	343.79	75	7.29%	6.13%	64.79	-0.11	969.78
	POVC	c	12+00.00	343.97						
	PVI	c	12+35.00	346.52						
	POVC	c	12+50.00	347.40						
	PVT	c	12+72.50	348.82						
Linear	PVT	c	12+72.50	348.82	35	6.13%				
	POVT	c	13+00.00	350.51						
	PVC	c	13+07.50	350.97						
Symmetrical Parabola	PVC	c	13+07.50	350.97	125	6.13%	10.00%	32.31	0.6	
	POVC	c	13+50.00	353.86						
	PVI	c	13+70.00	354.80						
	POVC	c	14+00.00	357.97						
	PVT	c	14+32.50	361.05						
Linear	PVT	c	14+32.50	361.05	102.5	10.00%				
	POVT	c	14+50.00	362.80						
	POVT	c	15+00.00	367.81						
	PVC	c	15+35.00	371.31						
Symmetrical Parabola	PVC	c	15+35.00	371.31	120	10.00%	8.06%	61.77	-0.29	615.51
	POVC	c	15+50.00	372.79						
	PVI	c	15+95.00	377.31						
	POVC	c	16+00.00	377.46						
	POVC	c	16+50.00	381.74						
	PVCC	c	16+55.00	382.14						

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

VERTICAL ALIGNMENT TABLE SHEET 5

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_98.1

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 98 OF 186

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVCC	c	16+55.00	382.14	610	8.06%	-9.62%	34.5	-13.48	272.89
	POVC	c	17+00.00	385.48						
	POVC	c	17+50.00	388.49						
	POVC	c	18+00.00	390.78						
	POVC	c	18+50.00	392.35						
	POVC	c	19+00.00	393.19						
	VHIGH	c	19+33.06	393.35						
	POVC	c	19+50.00	393.31						
	PVI	c	19+60.00	406.72						
	POVC	c	20+00.00	392.70						
	POVC	c	20+50.00	391.37						
	POVC	c	21+00.00	389.31						
	POVC	c	21+50.00	386.53						
	POVC	c	22+00.00	383.02						
	POVC	c	22+50.00	378.79						
	PVT	c	22+65.00	377.38						
Linear	PVT	c	22+65.00	377.38	70	-9.62%				
	POVT	c	23+00.00	374.01						
	PVC	c	23+35.00	370.65						
Symmetrical Parabola	PVC	c	23+35.00	370.65	210	-9.62%	-2.05%	27.74	1.99	
	POVC	c	23+50.00	369.24						
	POVC	c	24+00.00	365.15						
	PVI	c	24+40.00	360.54						
	POVC	c	24+50.00	361.97						
	POVC	c	25+00.00	359.68						
	PVT	c	25+45.00	358.39						
Linear	PVT	c	25+45.00	358.39	147.5	-2.05%				
	POVT	c	25+50.00	358.29						
	POVT	c	26+00.00	357.26						
	POVT	c	26+50.00	356.24						
	PVC	c	26+92.50	355.36						
Symmetrical Parabola	PVC	c	26+92.50	355.36	75	-2.05%	-4.03%	37.81	-0.19	581.54
	POVC	c	27+00.00	355.20						
	PVI	c	27+30.00	354.60						
	POVC	c	27+50.00	353.75						
	PVT	c	27+67.50	353.08						
Linear	PVT	c	27+67.50	353.08	87.5	-4.03%				
	POVT	c	28+00.00	351.77						
	POVT	c	28+50.00	349.75						
	PVC	c	28+55.00	349.55						
Symmetrical Parabola	PVC	c	28+55.00	349.55	90	-4.03%	-2.89%	78.66	0.13	
	PVI	c	29+00.00	347.74						
	POVC	c	29+00.00	347.86						
	PVT	c	29+45.00	346.44						
Linear	PVT	c	29+45.00	346.44	105	-2.89%				
	POVT	c	29+50.00	346.29						
	POVT	c	30+00.00	344.85						
	PVC	c	30+50.00	343.40						
Symmetrical Parabola	PVC	c	30+50.00	343.40	60	-2.89%	-3.24%	171.97	-0.03	3122.98
	PVI	c	30+80.00	342.53						
	POVC	c	31+00.00	341.88						
	PVT	c	31+10.00	341.56						
Linear	PVT	c	31+10.00	341.56	320	-3.24%				
	POVT	c	31+50.00	340.27						
	POVT	c	32+00.00	338.65						
	POVT	c	32+50.00	337.03						
	POVT	c	33+00.00	335.41						
	POVT	c	33+50.00	333.79						
	POVT	c	34+00.00	332.17						
	PVC	c	34+30.00	331.19						
Symmetrical Parabola	PVC	c	34+30.00	331.19	200	-3.24%	-1.20%	98.07	0.51	
	POVC	c	34+50.00	330.57						
	POVC	c	35+00.00	329.18						
	PVI	c	35+30.00	327.95						
	POVC	c	35+50.00	328.04						
	POVC	c	36+00.00	327.16						
	PVT	c	36+30.00	326.75						
Linear	PVT	c	36+30.00	326.75	105	-1.20%				
	POVT	c	36+50.00	326.51						
	POVT	c	37+00.00	325.91						
	PVC	c	37+35.00	325.49						
Symmetrical Parabola	PVC	c	37+35.00	325.49	60	-1.20%	-1.96%	78.7	-0.06	1445.4
	POVC	c	37+50.00	325.30						
	PVI	c	37+65.00	325.13						
	PVT	c	37+95.00	324.55						
Linear	PVT	c	37+95.00	324.55	200	-1.96%				
	POVT	c	38+00.00	324.45						
	POVT	c	38+50.00	323.47						
	POVT	c	39+00.00	322.48						
	POVT	c	39+50.00	321.50						
	PVC	c	39+95.00	320.62						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	c	39+95.00	320.62	300	-1.96%	3.72%	52.76	2.13	
	POVC	c	40+00.00	320.52						
	POVC	c	40+50.00	319.83						
	VLOW	c	40+98.55	319.60						
	POVC	c	41+00.00	319.60						
	PVI	c	41+45.00	317.68						
	POVC	c	41+50.00	319.85						
	POVC	c	42+00.00	320.58						
	POVC	c	42+50.00	321.78						
	PVT	c	42+95.00	323.26						
Linear	PVT	c	42+95.00	323.26	60	3.72%				
	POVT	c	43+00.00	323.45						
	POVT	c	43+50.00	325.31						
	PVC	c	43+55.00	325.50						
Symmetrical Parabola	PVC	c	43+55.00	325.50	150	3.72%	-1.06%	31.39	-0.9	300.82
	POVC	c	44+00.00	326.85						
	PVI	c	44+30.00	328.29						
	POVC	c	44+50.00	327.59						
	VHIGH	c	44+71.87	327.67						
	POVC	c	45+00.00	327.54						
	PVT	c	45+05.00	327.50						
Linear	PVT	c	45+05.00	327.50	62.5	-1.06%				
	POVT	c	45+50.00	327.02						
	PVC	c	45+67.50	326.84						
Symmetrical Parabola	PVC	c	45+67.50	326.84	65	-1.06%	-0.33%	89.29	0.06	
	PVI	c	46+00.00	326.49						
	POVC	c	46+00.00	326.55						
	PVT	c	46+32.50	326.39						
Linear	PVT	c	46+32.50	326.39	72.5	-0.33%				
	POVT	c	46+50.00	326.33						
	POVT	c	47+00.00	326.17						
	PVC	c	47+05.00	326.15						
Symmetrical Parabola	PVC	c	47+05.00	326.15	140	-0.33%	-3.29%	47.23	-0.52	434.04
	POVC	c	47+50.00	325.79						
	PVI	c	47+75.00	325.92						
	POVC	c	48+00.00	324.88						
	PVT	c	48+45.00	323.62						
Linear	PVT	c	48+45.00	323.62	181.06	-3.29%				
	POVT	c	48+50.00	323.45						
		c	48+77.02							
		d	117+45.96							
	POVT	d	117+50.00	322.43						
	POVT	d	118+00.00	320.78						
	POVT	d	118+50.00	319.14						
	PVC	d	118+95.00	317.66						
Symmetrical Parabola	PVC	d	118+95.00	317.66	130	-3.29%	-7.70%	29.49	-0.72	309.83
	POVC	d	119+00.00	317.49						
	POVC	d	119+50.00	315.33						
	PVI	d	119+60.00	315.52						
	POVC	d	120+00.00	312.33						
	PVT	d	120+25.00	310.51						
Linear	PVT	d	120+25.00	310.51	25	-7.70%				
	PVC	d	120+50.00	308.59						
Symmetrical Parabola	PVC	d	120+50.00	308.59	390	-7.70%	6.88%	26.74	7.11	
	POVC	d	121+00.00	305.20						
	POVC	d	121+50.00	302.76						
	POVC	d	122+00.00	301.24						
	PVI	d	122+45.00	293.57						
	POVC	d	122+50.00	300.67						
	VLOW	d	122+55.90	300.66						
	POVC	d	123+00.00	301.02						
	POVC	d	123+50.00	302.31						
	POVC	d	124+00.00	304.54						
	PVT	d	124+40.00	307.00						
Linear	PVT	d	124+40.00	307.00	17.5	6.88%				
	POVT	d	124+50.00	307.69						
	PVC	d	124+57.50	308.20						
Symmetrical Parabola	PVC	d	124+57.50	308.20	125	6.88%	1.80%	24.57	-0.79	274.65
	POVC	d	125+00.00	310.76						
	PVI	d	125+20.00	312.50						
	POVC	d	125+50.00	312.83						
	PVT	d	125+82.50	313.63						
Linear	PVT	d	125+82.50	313.63	72.5	1.80%				
	POVT	d	126+00.00	313.94						
	POVT	d	126+50.00	314.84						
	PVC	d	126+55.00	314.93						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	d	126+55.00	314.93	290	1.80%	5.38%	80.91	1.3	
	POVC	d	127+00.00	315.87						
	POVC	d	127+50.00	317.20						
	PVI	d	128+00.00	317.54						
	POVC	d	128+00.00	318.84						
	POVC	d	128+50.00	320.79						
	POVC	d	129+00.00	323.05						
	PVT	d	129+45.00	325.34						
Linear	PVT	d	129+45.00	325.34	155	5.38%				
	POVT	d	129+50.00	325.61						
	POVT	d	130+00.00	328.30						
	POVT	d	130+50.00	331.00						
	PVC	d	131+00.00	333.69						
Symmetrical Parabola	PVC	d	131+00.00	333.69	120	5.38%	3.52%	64.26	-0.28	637.89
	POVC	d	131+50.00	336.18						
	PVI	d	131+60.00	336.92						
	POVC	d	132+00.00	338.29						
	PVT	d	132+20.00	339.02						
Linear	PVT	d	132+20.00	339.02	122.5	3.52%				
	POVT	d	132+50.00	340.08						
	POVT	d	133+00.00	341.84						
	PVC	d	133+42.50	343.33						
Symmetrical Parabola	PVC	d	133+42.50	343.33	75	3.52%	-0.13%	20.58	-0.34	333.62
	POVC	d	133+50.00	343.58						
	PVI	d	133+80.00	344.65						
	POVC	d	134+00.00	344.55						
	VHIGH	d	134+14.84	344.60						
	PVT	d	134+17.50	344.60						
Linear	PVT	d	134+17.50	344.60	32.5	-0.13%				
	PVC	d	134+50.00	344.56						
Symmetrical Parabola	PVC	d	134+50.00	344.56	150	-0.13%	6.86%	21.47	1.31	
	VLOW	d	134+52.78	344.56						
	POVC	d	135+00.00	345.08						
	PVI	d	135+25.00	344.46						
	POVC	d	135+50.00	346.76						
	PVT	d	136+00.00	349.61						
Linear	PVT	d	136+00.00	349.61	67.5	6.86%				
	POVT	d	136+50.00	353.03						
	PVC	d	136+67.50	354.23						
Symmetrical Parabola	PVC	d	136+67.50	354.23	75	6.86%	3.32%	21.22	-0.33	342.83
	POVC	d	137+00.00	356.21						
	PVI	d	137+05.00	356.81						
	PVT	d	137+42.50	358.05						
Linear	PVT	d	137+42.50	358.05	97.5	3.32%				
	POVT	d	137+50.00	358.30						
	POVT	d	138+00.00	359.96						
	PVC	d	138+40.00	361.29						
Symmetrical Parabola	PVC	d	138+40.00	361.29	60	3.32%	3.92%	100.78	0.04	
	POVC	d	138+50.00	361.63						
	PVI	d	138+70.00	362.29						
	PVT	d	139+00.00	363.47						
Linear	PVT	d	139+00.00	363.47	95	3.92%				
	POVT	d	139+50.00	365.43						
	PVC	d	139+95.00	367.19						
Symmetrical Parabola	PVC	d	139+95.00	367.19	100	3.92%	0.38%	28.22	-0.44	354.57
	POVC	d	140+00.00	367.38						
	PVI	d	140+45.00	369.15						
	POVC	d	140+50.00	368.81						
	PVT	d	140+95.00	369.34						
Linear	PVT	d	140+95.00	369.34	5	0.38%				
	PVC	d	141+00.00	369.36						
Symmetrical Parabola	PVC	d	141+00.00	369.36	320	0.38%	3.32%	108.63	1.18	
	POVC	d	141+50.00	369.66						
	POVC	d	142+00.00	370.19						
	POVC	d	142+50.00	370.96						
	PVI	d	142+60.00	369.96						
	POVC	d	143+00.00	371.95						
	POVC	d	143+50.00	373.17						
	POVC	d	144+00.00	374.63						
	PVT	d	144+20.00	375.27						
Linear	PVT	d	144+20.00	375.27	77.5	3.32%				
	POVT	d	144+50.00	376.27						
	PVC	d	144+97.50	377.85						
Symmetrical Parabola	PVC	d	144+97.50	377.85	75	3.32%	2.44%	84.76	-0.08	1257.02
	POVC	d	145+00.00	377.93						
	PVI	d	145+35.00	379.10						
	POVC	d	145+50.00	379.43						
	PVT	d	145+72.50	380.01						

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

VERTICAL ALIGNMENT TABLE SHEET 6

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_99.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 99 OF 186

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	d	145+72.50	380.01	170	2.44%				
	POVT	d	146+00.00	380.68						
	POVT	d	146+50.00	381.90						
	POVT	d	147+00.00	383.12						
	PVC	d	147+42.50	384.15						
Symmetrical Parabola	PVC	d	147+42.50	384.15	125	2.44%	0.83%	77.98	-0.25	735.75
	POVC	d	147+50.00	384.33						
	POVC	d	148+00.00	385.34						
	PVI	d	148+05.00	385.68						
	POVC	d	148+50.00	386.03						
	PVT	d	148+67.50	386.20						
Linear	PVT	d	148+67.50	386.20	102.5	0.83%				
	POVT	d	149+00.00	386.47						
	POVT	d	149+50.00	386.89						
	PVC	d	149+70.00	387.05						
Symmetrical Parabola	PVC	d	149+70.00	387.05	100	0.83%	1.98%	87.44	0.14	
	POVC	d	150+00.00	387.35						
	PVI	d	150+20.00	387.47						
	POVC	d	150+50.00	388.09						
	PVT	d	150+70.00	388.46						
Linear	PVT	d	150+70.00	388.46	185	1.98%				
	POVT	d	151+00.00	389.05						
	POVT	d	151+50.00	390.04						
	POVT	d	152+00.00	391.03						
	POVT	d	152+50.00	392.02						
	PVC	d	152+55.00	392.12						
Symmetrical Parabola	PVC	d	152+55.00	392.12	60	1.98%	1.13%	70.87	-0.06	1304.67
	PVI	d	152+85.00	392.71						
	POVC	d	153+00.00	392.87						
	PVT	d	153+15.00	393.05						
Linear	PVT	d	153+15.00	393.05	70	1.13%				
	POVT	d	153+50.00	393.45						
	PVC	d	153+85.00	393.84						
Symmetrical Parabola	PVC	d	153+85.00	393.84	60	1.13%	1.50%	161.94	0.03	
	POVC	d	154+00.00	394.02						
	PVI	d	154+15.00	394.18						
	PVT	d	154+45.00	394.63						
Linear	PVT	d	154+45.00	394.63	90	1.50%				
	POVT	d	154+50.00	394.71						
	POVT	d	155+00.00	395.46						
	PVC	d	155+35.00	395.98						
Symmetrical Parabola	PVC	d	155+35.00	395.98	110	1.50%	-0.31%	60.59	-0.25	649.38
	POVC	d	155+50.00	396.19						
	PVI	d	155+90.00	396.81						
	POVC	d	156+00.00	396.61						
	VHIGH	d	156+26.00	396.67						
	PVT	d	156+45.00	396.64						
Linear	PVT	d	156+45.00	396.64	202.5	-0.31%				
	POVT	d	156+50.00	396.62						
	POVT	d	157+00.00	396.47						
	POVT	d	157+50.00	396.31						
	POVT	d	158+00.00	396.15						
	PVC	d	158+47.50	396.00						
Symmetrical Parabola	PVC	d	158+47.50	396.00	125	-0.31%	-5.61%	23.62	-0.83	266.44
	POVC	d	158+50.00	395.99						
	POVC	d	159+00.00	395.26						
	PVI	d	159+10.00	395.81						
	POVC	d	159+50.00	393.46						
	PVT	d	159+72.50	392.30						
Linear	PVT	d	159+72.50	392.30	192.5	-5.61%				
	POVT	d	160+00.00	390.76						
	POVT	d	160+50.00	387.96						
	POVT	d	161+00.00	385.16						
	POVT	d	161+50.00	382.35						
	PVC	d	161+65.00	381.51						
Symmetrical Parabola	PVC	d	161+65.00	381.51	150	-5.61%	-8.82%	46.69	-0.6	410.9
	POVC	d	162+00.00	379.42						
	PVI	d	162+40.00	377.31						
	POVC	d	162+50.00	375.98						
	POVC	d	163+00.00	372.00						
	PVT	d	163+15.00	370.70						
Linear	PVT	d	163+15.00	370.70	10	-8.82%				
	PVC	d	163+25.00	369.81						
Symmetrical Parabola	PVC	d	163+25.00	369.81	200	-8.82%	-2.55%	31.89	1.57	
	POVC	d	163+50.00	367.71						
	POVC	d	164+00.00	364.08						
	PVI	d	164+25.00	361.00						
	POVC	d	164+50.00	361.24						
	POVC	d	165+00.00	359.19						
	PVT	d	165+25.00	358.45						

Element	Type		Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	d	165+25.00	358.45	80	-2.55%				
	POVT	d	165+50.00	357.81						
	POVT	d	166+00.00	356.54						
	PVC	d	166+05.00	356.41						
Symmetrical Parabola	PVC	d	166+05.00	356.41	100	-2.55%	-7.03%	22.28	-0.56	290.47
	POVC	d	166+50.00	354.81						
	PVI	d	166+55.00	355.14						
	POVC	d	167+00.00	351.97						
	PVT	d	167+05.00	351.62						
Linear	PVT	d	167+05.00	351.62	152.5	-7.03%				
	POVT	d	167+50.00	348.46						
	POVT	d	168+00.00	344.94						
	POVT	d	168+50.00	341.42						
	PVC	d	168+57.50	340.90						
Symmetrical Parabola	PVC	d	168+57.50	340.90	125	-7.03%	-10.00%	42.15	-0.46	426.35
	POVC	d	169+00.00	337.69						
	PVI	d	169+20.00	336.50						
	POVC	d	169+50.00	333.37						
	PVT	d	169+82.50	330.25						
Linear	PVT	d	169+82.50	330.25	15	-10.00%				
	PVC	d	169+97.50	328.75						
Symmetrical Parabola	PVC	d	169+97.50	328.75	245	-10.00%	-1.51%	28.84	2.6	
	POVC	d	170+00.00	328.50						
	POVC	d	170+50.00	323.98						
	POVC	d	171+00.00	320.32						
	PVI	d	171+20.00	316.50						
	POVC	d	171+50.00	317.53						
	POVC	d	172+00.00	315.61						
	PVRC	d	172+42.50	314.66						
Symmetrical Parabola	PVRC	d	172+42.50	314.66	275	-1.51%	-7.73%	44.21	-2.14	310.97
	POVC	d	172+50.00	314.54						
	POVC	d	173+00.00	313.42						
	POVC	d	173+50.00	311.73						
	PVI	d	173+80.00	312.59						
	POVC	d	174+00.00	309.48						
	POVC	d	174+50.00	306.66						
	POVC	d	175+00.00	303.28						
	PVT	d	175+17.50	301.96						
Linear	PVT	d	175+17.50	301.96	55	-7.73%				
	POVT	d	175+50.00	299.45						
	PVC	d	175+72.50	297.71						
Symmetrical Parabola	PVC	d	175+72.50	297.71	425	-7.73%	-0.41%	58.06	3.89	
	POVC	d	176+00.00	295.65						
	POVC	d	176+50.00	292.24						
	POVC	d	177+00.00	289.26						
	POVC	d	177+50.00	286.71						
	PVI	d	177+85.00	281.30						
	POVC	d	178+00.00	284.59						
	POVC	d	178+50.00	282.90						
	POVC	d	179+00.00	281.65						
	POVC	d	179+50.00	280.82						
	PVT	d	179+97.50	280.43						
Linear	PVT	d	179+97.50	280.43	190.22	-0.41%				
	POVT	d	180+00.00	280.42						
	POVT	d	180+50.00	280.22						
	POVT	d	181+00.00	280.01						
	POVT	d	181+50.00	279.81						
	PVC	d	181+87.72	279.66						
Symmetrical Parabola	PVC	d	181+87.72	279.66	34.55	-0.41%	0.56%	35.61	0.04	
	POVC	d	182+00.00	279.63						
	VLOW	d	182+02.21	279.63						
	PVI	d	182+05.00	279.59						
	PVT	d	182+22.28	279.68						
Linear	PVT	d	182+22.28	279.68	36.19	0.56%				
	POVT	d	182+50.00	279.84						
	POE	d	182+58.46	279.89						

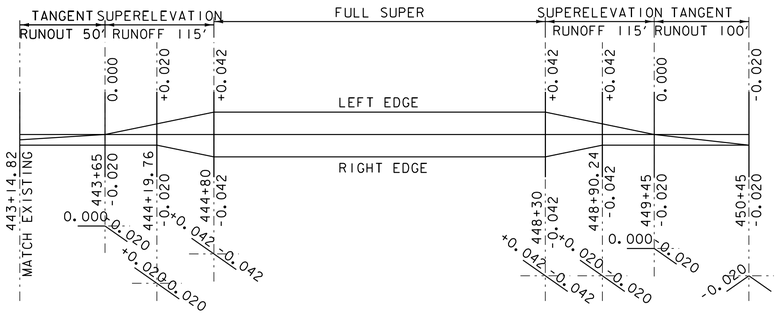
PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

VERTICAL ALIGNMENT TABLE SHEET 7

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_100.i

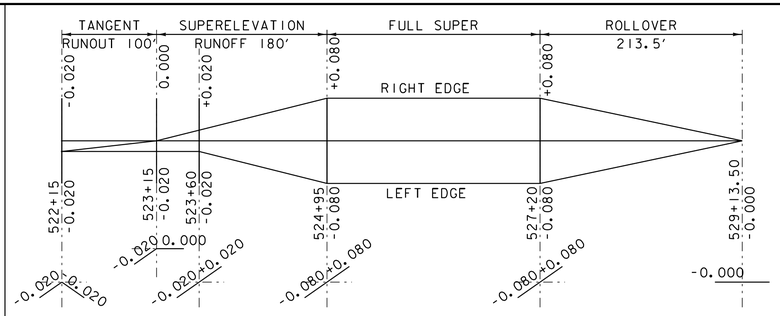
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 100 OF 186



SUPERELEVATION DIAGRAM ADDISON CURVE #1

NTS

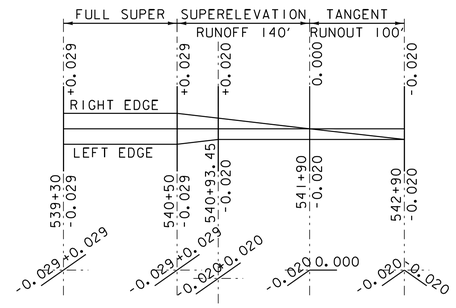
PC = 444+46.47 R = 1275 FT – RT
PT = 448+66.28 V = 35 MPH



SUPERELEVATION DIAGRAM ADDISON CURVE #9

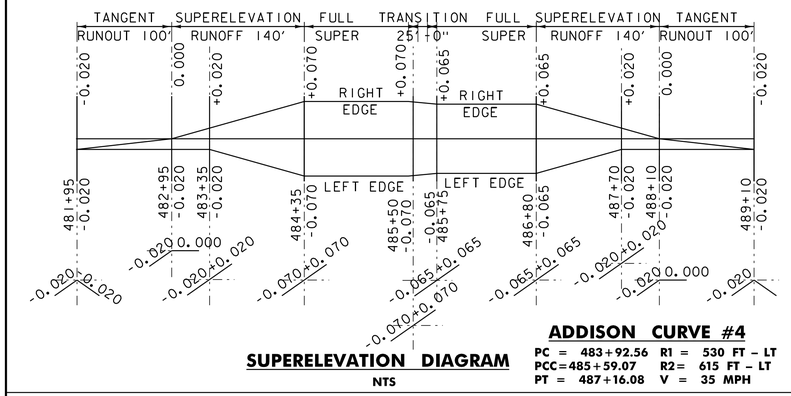
NTS

PC = 524+41.02 R = 610 FT – LT
PT = 527+73.48 V = 45 MPH



SUPERELEVATION DIAGRAM ADDISON CURVE #11 (CONT.)

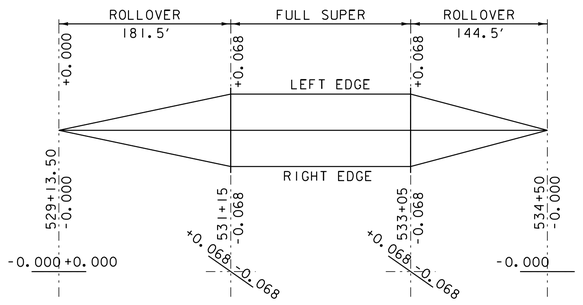
NTS



SUPERELEVATION DIAGRAM ADDISON CURVE #4

NTS

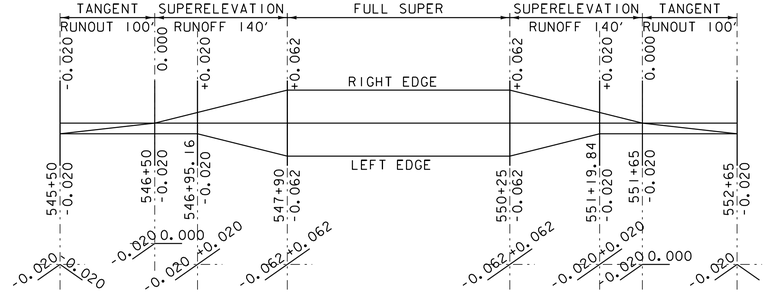
PC = 483+92.56 R1 = 530 FT – LT
PCC=485+59.07 R2= 615 FT – LT
PT = 487+16.08 V = 35 MPH



SUPERELEVATION DIAGRAM ADDISON CURVE #10

NTS

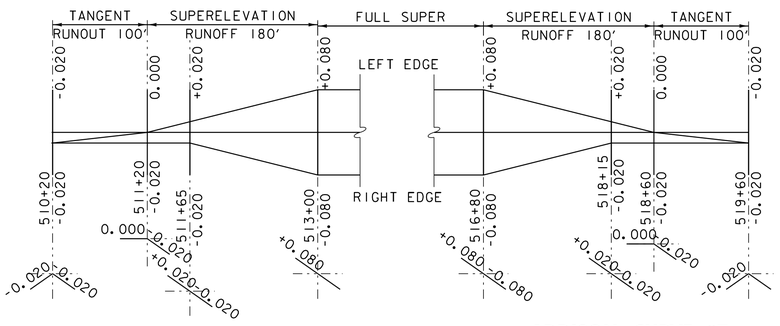
PC = 530+72.24 R = 1000 FT – RT
PT = 533+49.55 V = 45 MPH



SUPERELEVATION DIAGRAM ADDISON CURVE #13

NTS

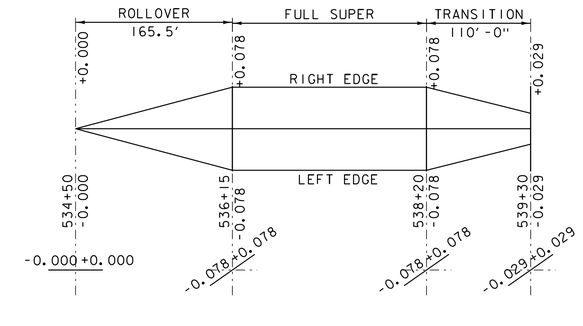
PC = 547+47.85 R = 1200 FT – LT
PT = 550+69.47 V = 45 MPH



SUPERELEVATION DIAGRAM ADDISON CURVE #7

NTS

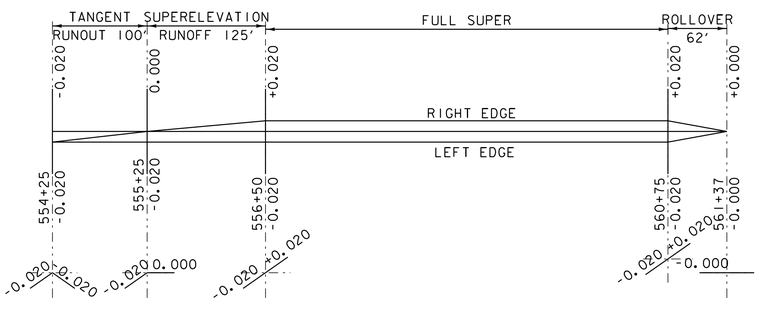
PC = 512+47.57 R1 = 660 FT – RT
PCC = 514+20.35 R2 = 470 FT – RT
PT = 517+35.88 V = 45 MPH



SUPERELEVATION DIAGRAM ADDISON CURVE #11

NTS

PC = 535+65.38 R1 = 690 FT – LT
PCC = 538+96.56 R2 = 3300 FT – LT
PT = 540+89.11 V = 45 MPH



SUPERELEVATION DIAGRAM ADDISON CURVE #15

NTS

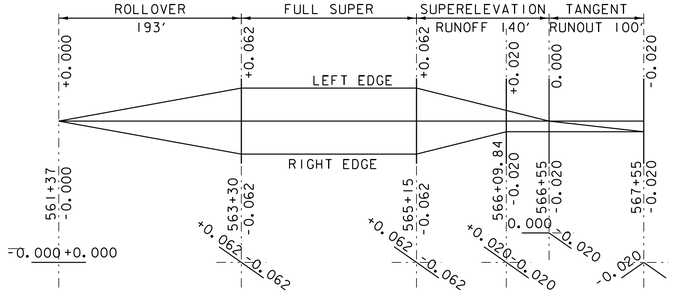
PC = 558+24.10 R = 12000 FT – LT
PT = 560+06.29 V = 45 MPH

SUPERELEVATION BANKING DIAGRAM SHEET #1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.DGN
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 95B076_101.i

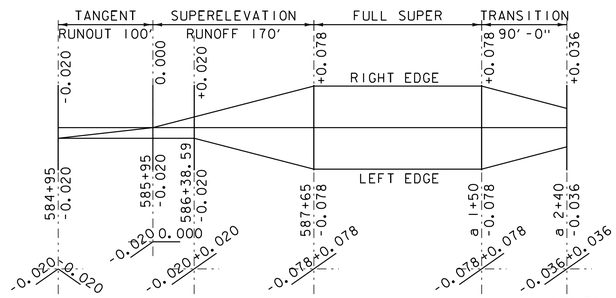
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 101 OF 186



SUPERELEVATION DIAGRAM **ADDISON CURVE #16**

NTS

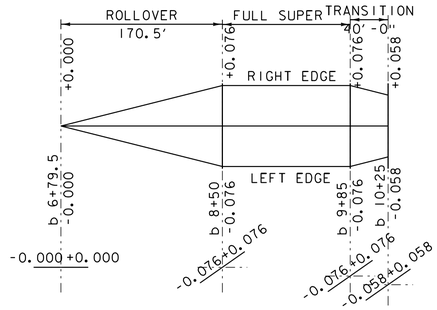
PC = 562+90.55 R = 1200 FT – RT
PT = 565+57.12 V = 45 MPH



SUPERELEVATION DIAGRAM **ADDISON CURVE #20/ WEYBRIDGE CURVE #1**

NTS

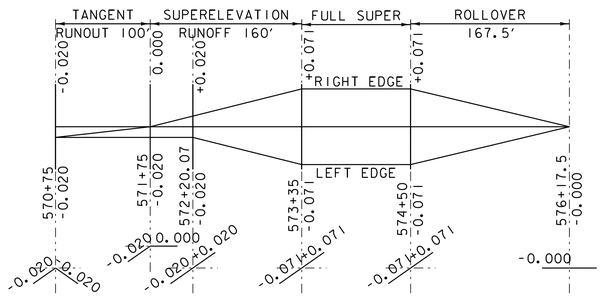
PC = 587+14.66 R1 = 680 FT – LT
PCC = a 1+89.51 R2 = 2500 FT – LT
PT = a 3+54.30 V = 45 MPH



SUPERELEVATION DIAGRAM **NEW HAVEN CURVE #2**

NTS

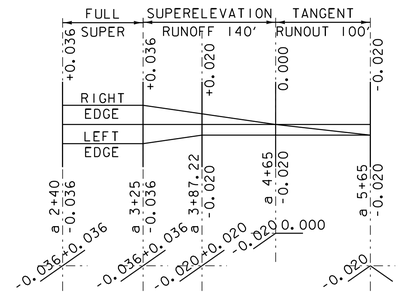
PC = b 7+73.36 R1 = 780 FT – LT
PCC = b 9+97.98 R2 = 1300 FT – LT
PT = b 11+13.78 V = 45 MPH



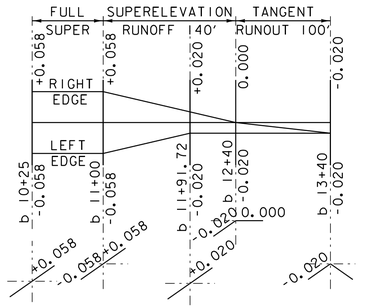
SUPERELEVATION DIAGRAM **ADDISON CURVE #17**

NTS

PC = 572+88.82 R = 900 FT – LT
PT = 575+39.34 V = 45 MPH

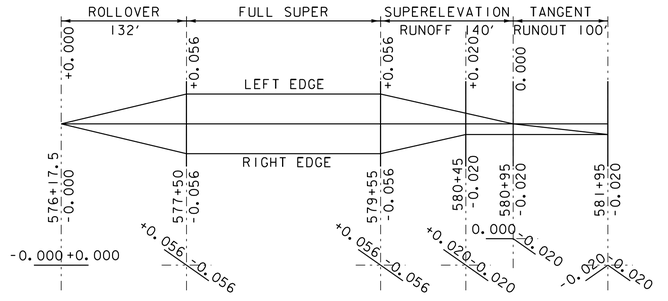


WEYBRIDGE CURVE #1 (CONT.)



SUPERELEVATION DIAGRAM **NEW HAVEN CURVE #2 (CONT.)**

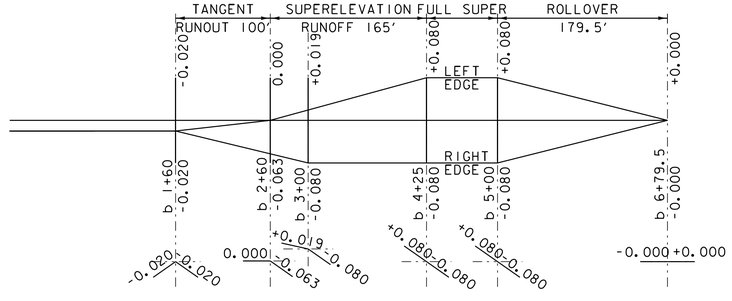
NTS



SUPERELEVATION DIAGRAM **ADDISON CURVE #18**

NTS

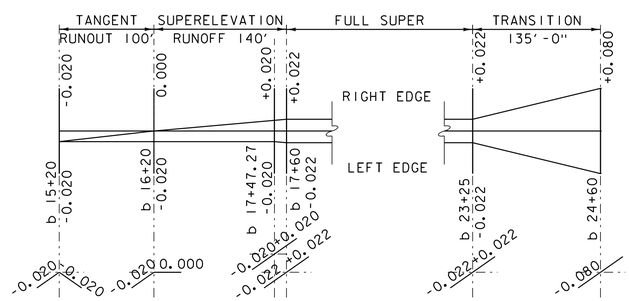
PC = 576+60.70 R = 1400 FT – RT
PT = 579+97.41 V = 45 MPH



SUPERELEVATION DIAGRAM **NEW HAVEN CURVE #1**

NTS

PC = b 2+12.44 R1 = 430 FT – RT
PCC = b 4+22.58 R2 = 670 FT – RT
PT = b 5+56.56 V = 45 MPH



NEW HAVEN CURVE #4 **SUPERELEVATION DIAGRAM** **NEW HAVEN CURVE #5**

NTS

PC = b 17+18.29 R = 4400 FT – LT
PT = b 21+57.66 V = 45 MPH

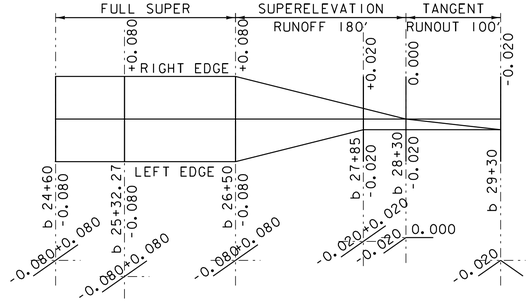
PC = b 22+60.98 R = 10413.20 FT – LT
PC = b 24+07.48 V = 45 MPH

SUPERELEVATION BANKING DIAGRAM SHEET #2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.DGN
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 95B076_102.i

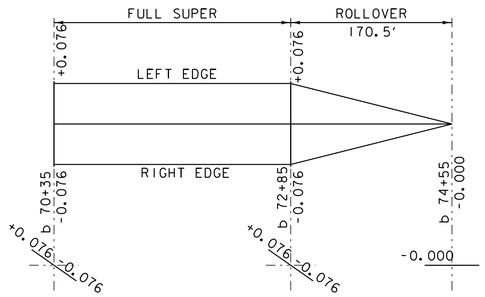
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 102 OF 186



SUPERELEVATION DIAGRAM — NTS

NEW HAVEN CURVE #6

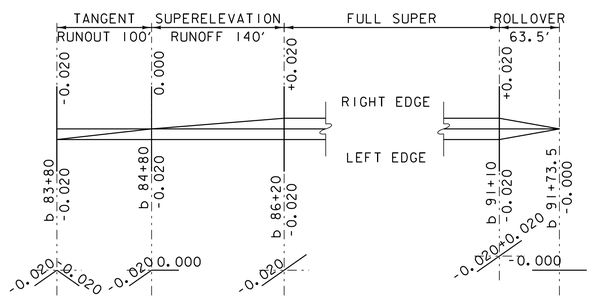
PC = b 24+07.48 R1 = 650 FT – LT
PCC = b 25+32.27 R2 = 390 FT – LT
PT = b 27+03.33 V = 45 MPH



SUPERELEVATION DIAGRAM — NTS

NEW HAVEN CURVE #17

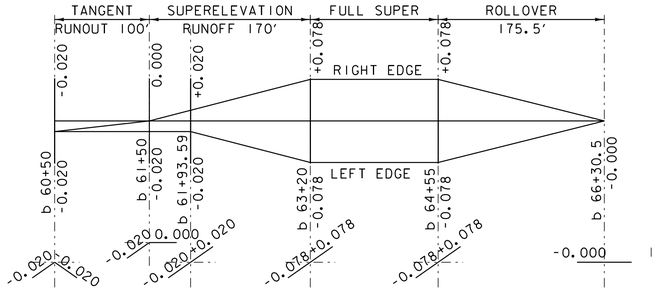
PC = b 69+90.44 R = 420 FT – RT
PT = b 73+31.07 V = 35 MPH



SUPERELEVATION DIAGRAM — NTS

NEW HAVEN CURVE #20

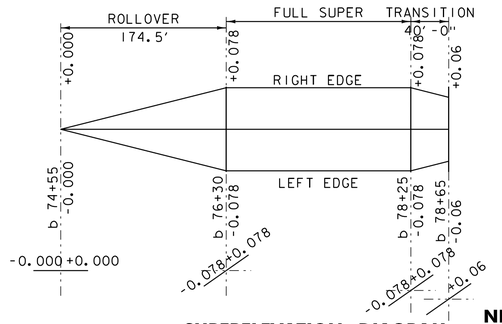
PC = b 85+78.46 R = 5000 FT – LT
PT = b 91+54.17 V = 45 MPH



SUPERELEVATION DIAGRAM — NTS

NEW HAVEN CURVE #15

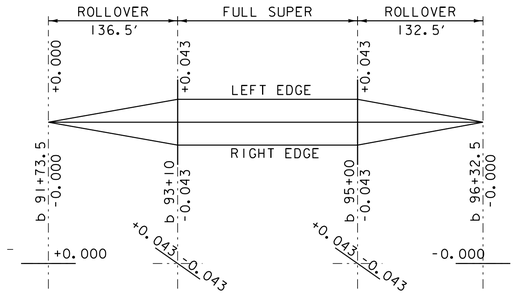
PC = b 62+69.70 R = 700 FT – LT
PT = b 65+23.57 V = 45 MPH



SUPERELEVATION DIAGRAM — NTS

NEW HAVEN CURVE #18

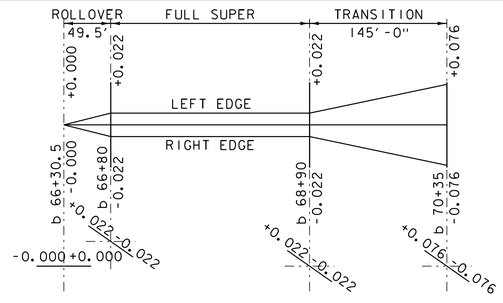
PC = b 75+63.64 R1 = 690 FT – LT
PCC = b 78+34.60 R2 = 1250 FT – LT
PT = b 79+62.11 V = 45 MPH



SUPERELEVATION DIAGRAM — NTS

NEW HAVEN CURVE #21

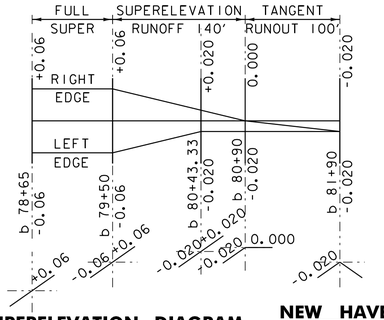
PC = b 92+67.47 R = 2000 FT – RT
PT = b 95+46.61 V = 45 MPH



SUPERELEVATION DIAGRAM — NTS

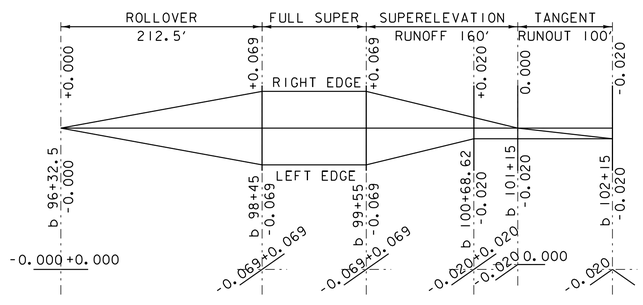
NEW HAVEN CURVE #16

PC = b 65+86.84 R = 4500 FT – RT
PT = b 69+15.65 V = 45 MPH



SUPERELEVATION DIAGRAM — NTS

NEW HAVEN CURVE #18 (CONT.)



SUPERELEVATION DIAGRAM — NTS

NEW HAVEN CURVE #22

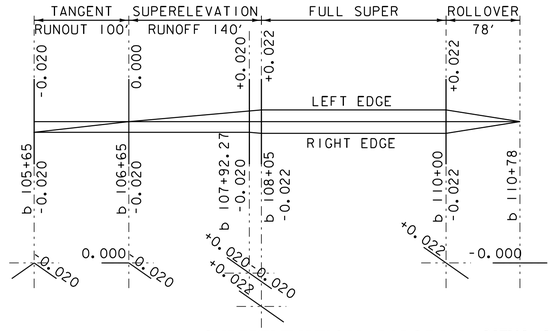
PC = b 98+12.17 R = 950 FT – LT
PT = b 99+87.22 V = 45 MPH

SUPERELEVATION BANKING DIAGRAM SHEET #3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.DGN
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 95B076_103.i

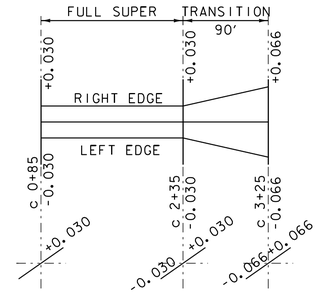
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 103 OF 186



SUPERELEVATION DIAGRAM **NEW HAVEN CURVE #24**

NTS

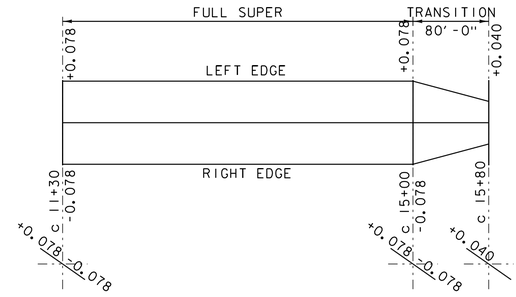
PC = b 107+64.66 R = 4400 FT – RT
PT = b 110+43.30 V = 45 MPH



SUPERELEVATION DIAGRAM **WALTHAM CURVE #1**

NTS

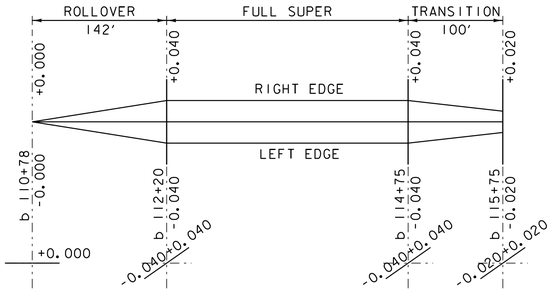
PC = c 0+43.54 R1 = 3100 FT – LT
PCC = c 2+96.03 R2 = 1050 FT – LT
PT = c 5+92.87 V = 45 MPH



SUPERELEVATION DIAGRAM **WALTHAM CURVE #3**

NTS

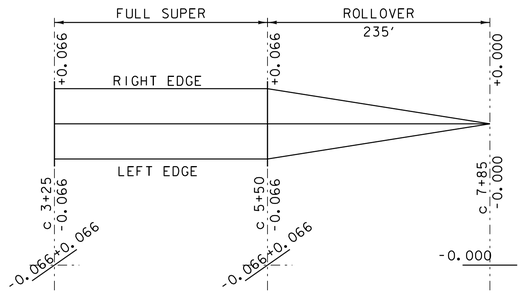
PC = c 11+10.12 R1 = 515 FT – RT
PCC = c 15+24.72 R2 = 1800 FT – RT
PT = c 16+97.50 V = 40 MPH

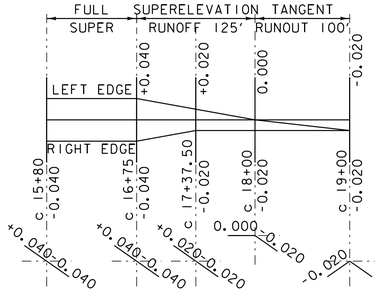


SUPERELEVATION DIAGRAM **NEW HAVEN CURVE #25**

NTS

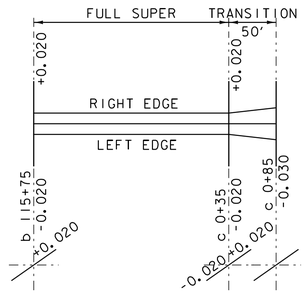
PC = b 111+78.29 R = 2200 FT – LT
PT = b 115+14.99 V = 45 MPH





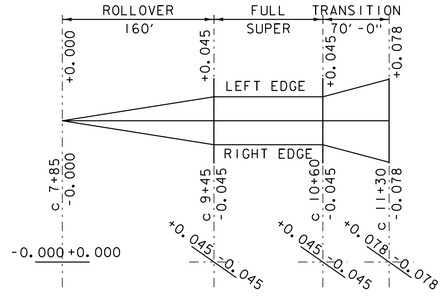
WALTHAM CURVE #3 (CONT.)

PC = c 11+10.12 R1 = 515 FT – RT
PCC = c 15+24.72 R2 = 1800 FT – RT
PT = c 16+97.50 V = 40 MPH



SUPERELEVATION DIAGRAM **NEW HAVEN CURVE #25 (CONT.)**

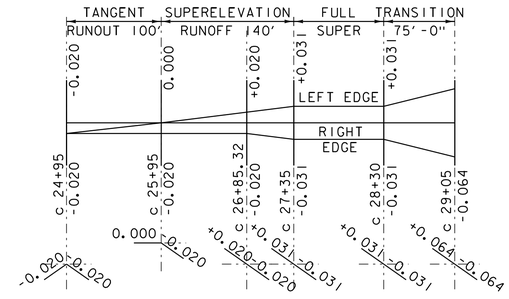
NTS



SUPERELEVATION DIAGRAM **WALTHAM CURVE #2**

NTS

PC = c 9+33.51 R = 1500 FT – RT
PT = c 10+65.54 V = 40 MPH



SUPERELEVATION DIAGRAM **WALTHAM CURVE #6**

NTS

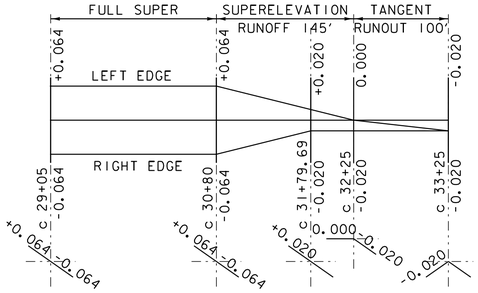
PC = c 27+19.83 R = 3000 FT – RT
PT = c 28+05.65 V = 45 MPH

SUPERELEVATION BANKING DIAGRAM SHEET #4

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.DGN
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 95B076_104.i

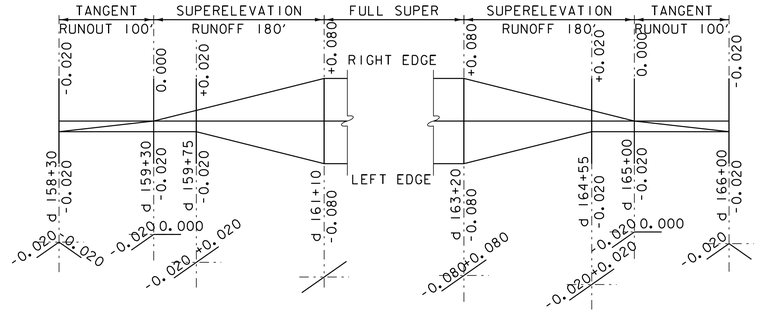
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 104 OF 186



SUPERELEVATION DIAGRAM — **WALTHAM CURVE #7**

NTS

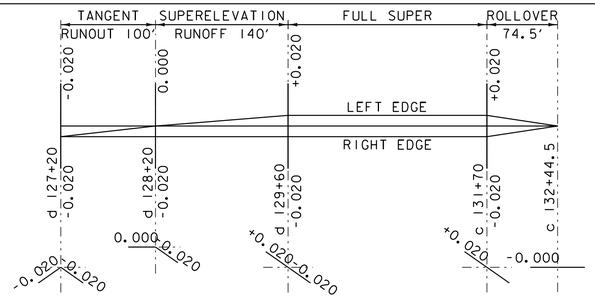
PC = c 28+81.57 R = 1100 FT – RT
PT = c 31+24.64 V = 45 MPH



SUPERELEVATION DIAGRAM — **NEW HAVEN CURVE #32**

NTS

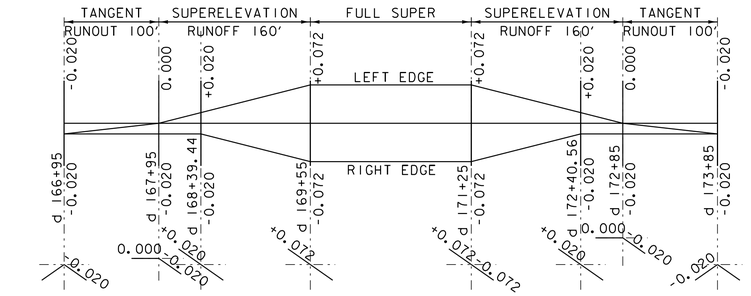
PC = d 160+55.63 R = 590 FT – LT
PT = d 163+75.23 V = 45 MPH



SUPERELEVATION DIAGRAM — **NEW HAVEN CURVE #28**

NTS

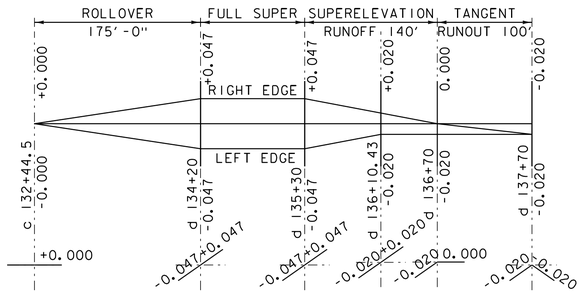
PC = d 129+16.63 R = 5250 FT – RT
PT = d 132+10.56 V = 45 MPH



SUPERELEVATION DIAGRAM — **NEW HAVEN CURVE #33**

NTS

PC = d 169+04.36 R = 870 FT – RT
PT = d 171+71.80 V = 45 MPH



SUPERELEVATION DIAGRAM — **NEW HAVEN CURVE #29**

NTS

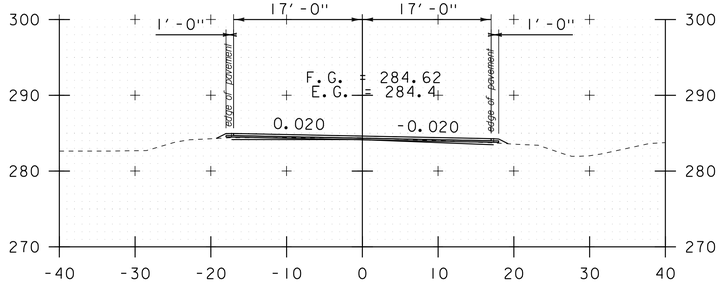
PC = d 133+75.64 R = 1800 FT – LT
PT = d 135+69.06 V = 45 MPH

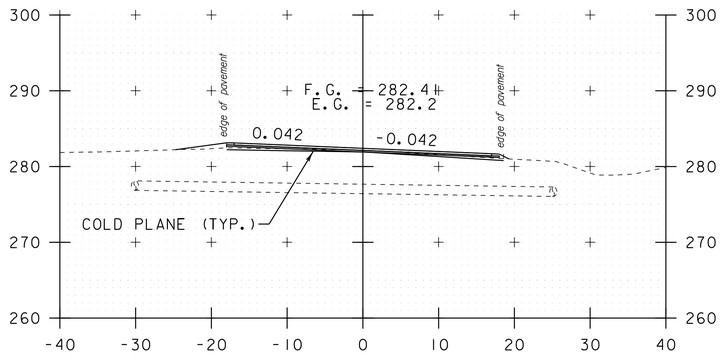
SUPERELEVATION BANKING DIAGRAM SHEET #5

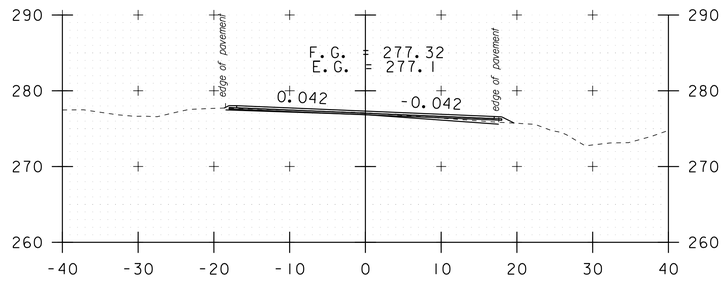
PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.DGN
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 95B076_105.i

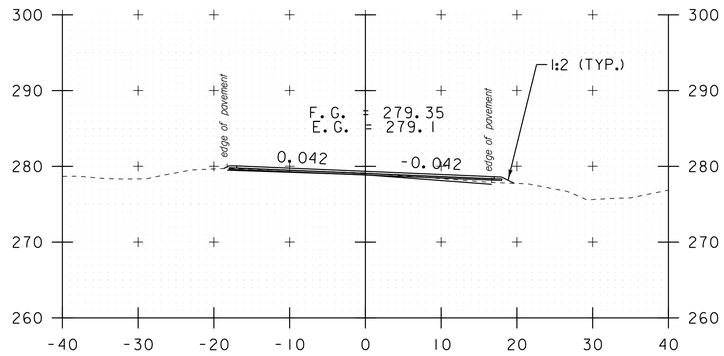
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 105 OF 186



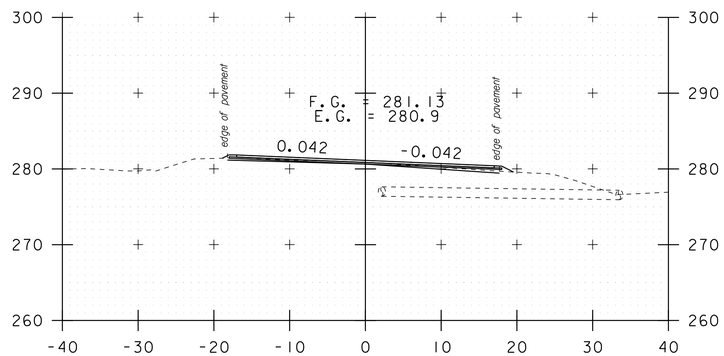




446+50

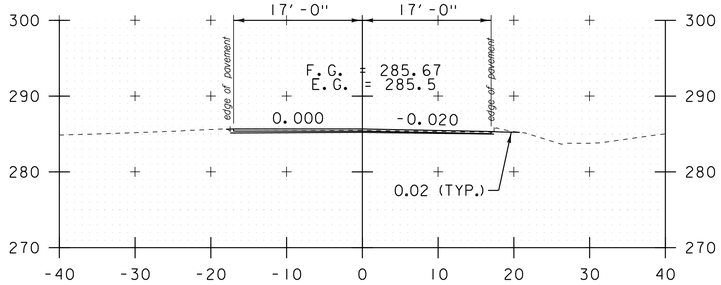


446+00

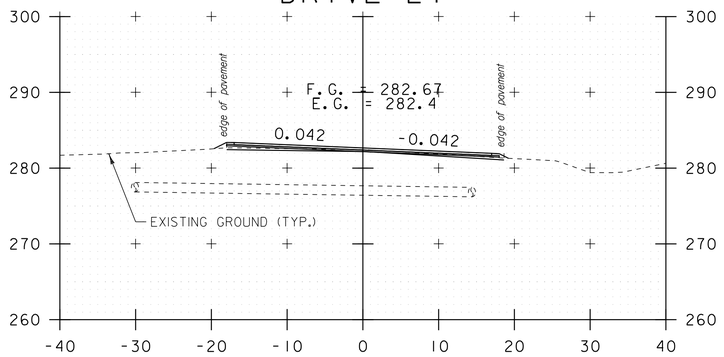


445+50

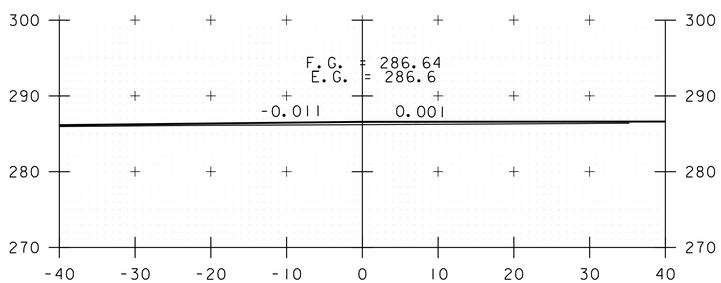
444+20



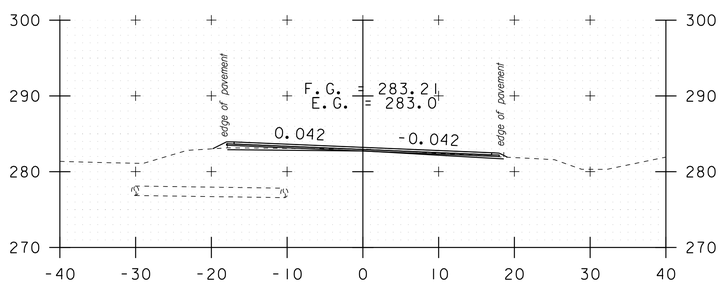
445+09
DRIVE LT



443+65



445+00



443+15

BEGIN PROJECT
STA. 443+14.82
MATCH EXISTING

444+80

STA. 443+15 TO STA. 446+50

SCALE 1" = 10'-0
10 0 10

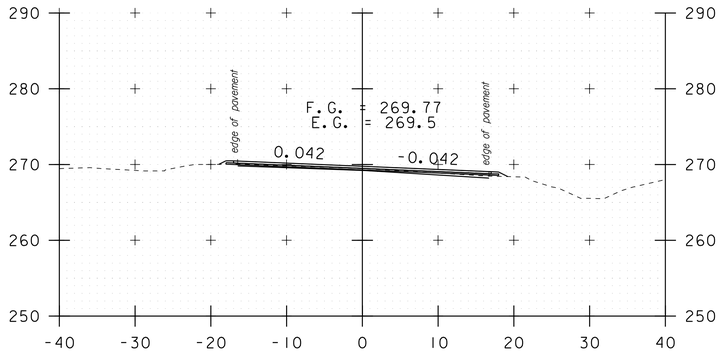
DATUM
NAVD 88
NAD 83

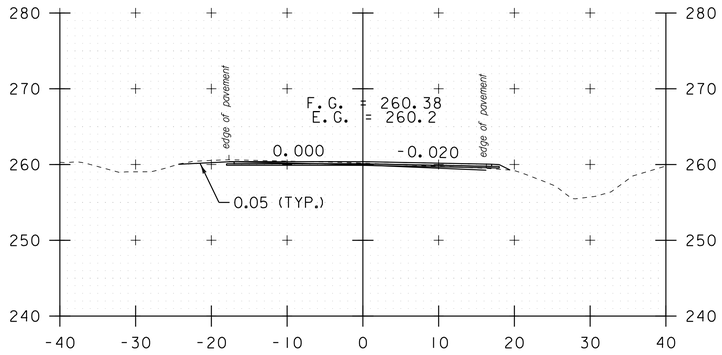
CROSS SECTION SHEET 1

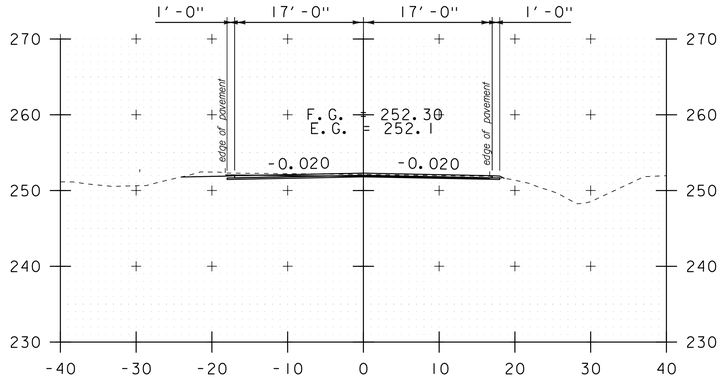
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_106.i

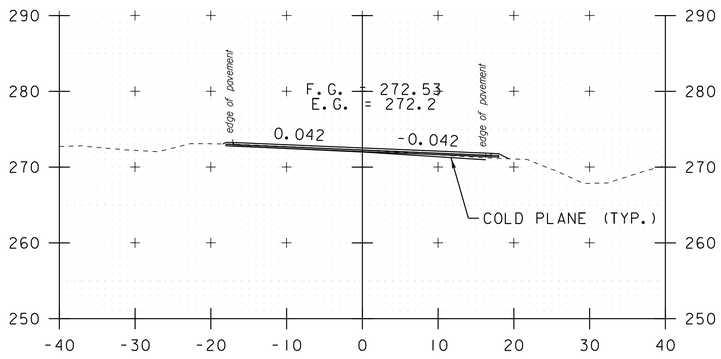
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 106 OF 186



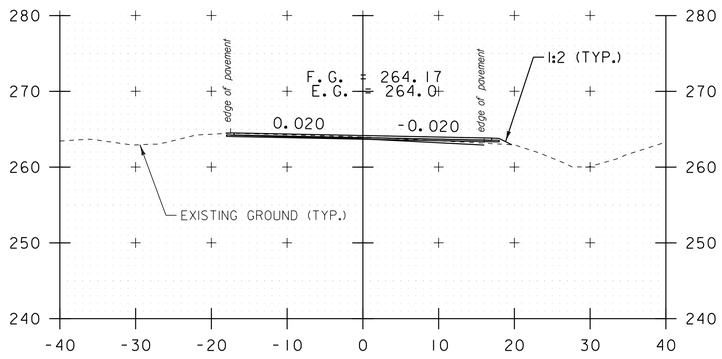




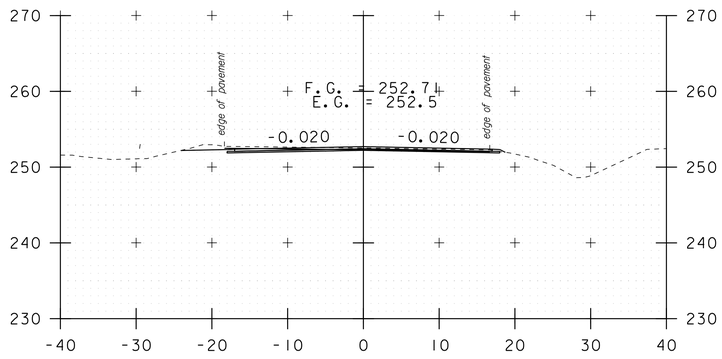
448+00



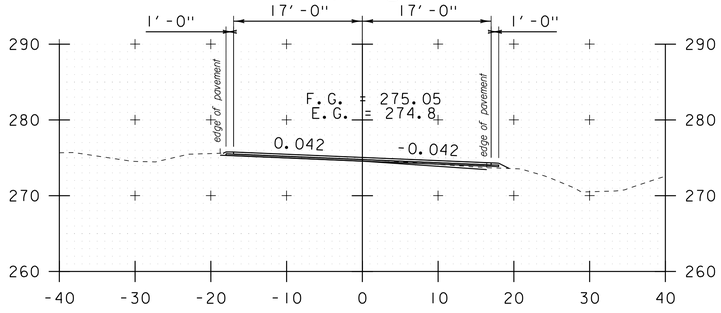
449+45



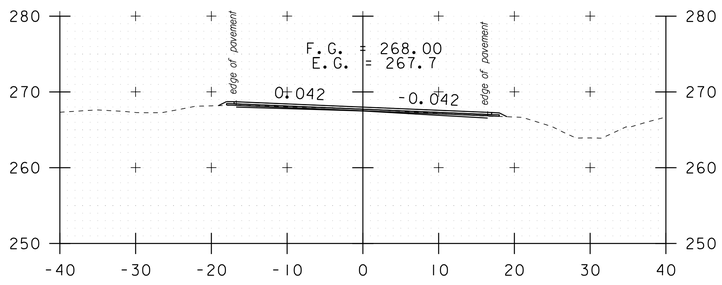
450+50



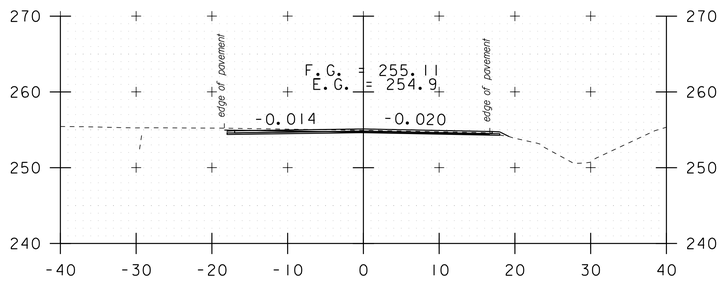
447+50



448+90



450+45



447+00

448+30

450+15
DRIVE LT

STA. 447+00 TO STA. 450+50

SCALE 1" = 10'-0
10 0 10

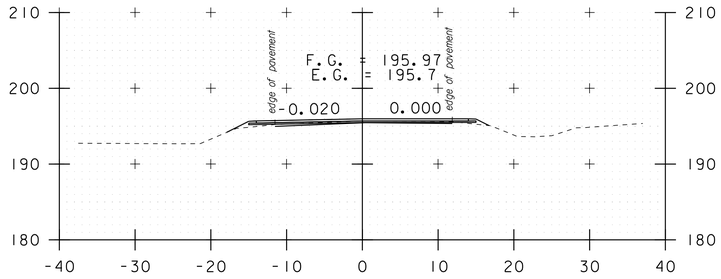
DATUM
NAVD 88
NAD 83

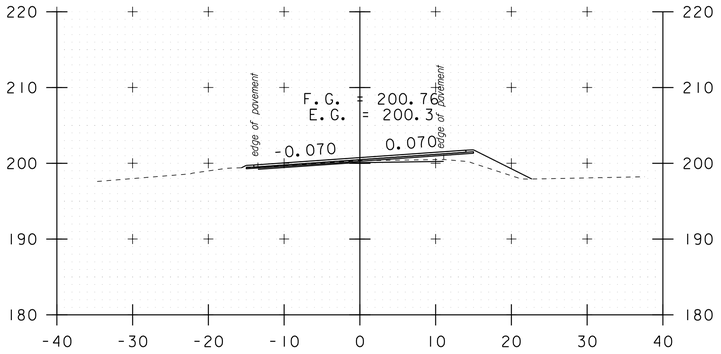
CROSS SECTION SHEET 2

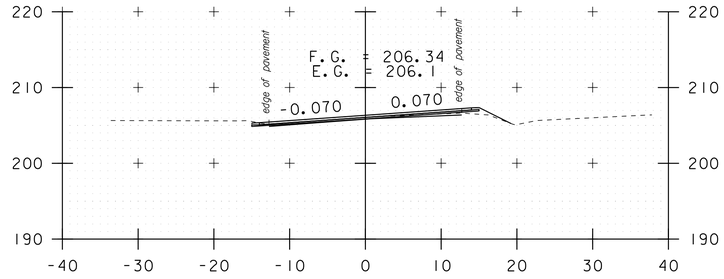
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_107.i

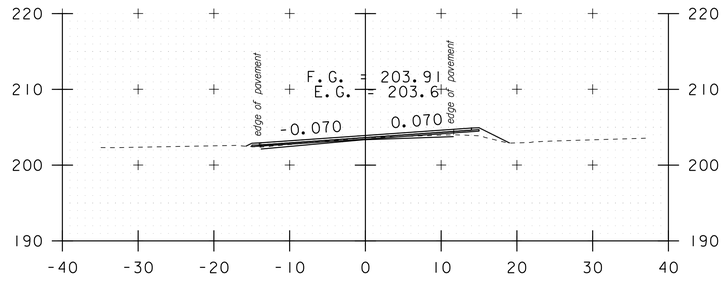
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 107 OF 186





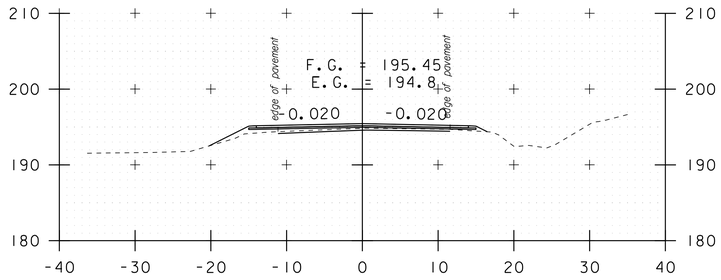


485+50

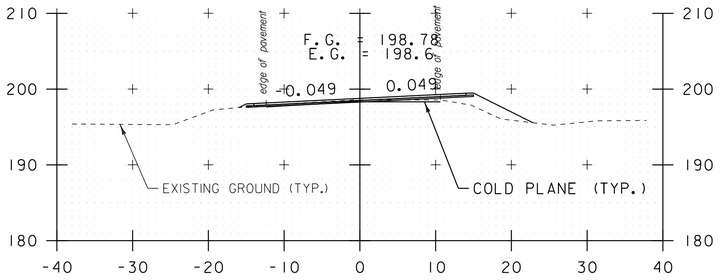


485+00

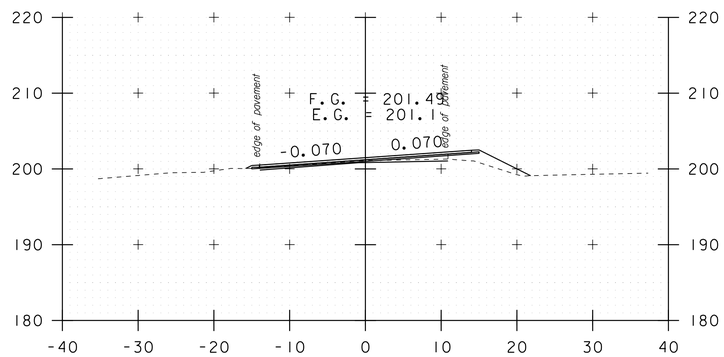
482+95



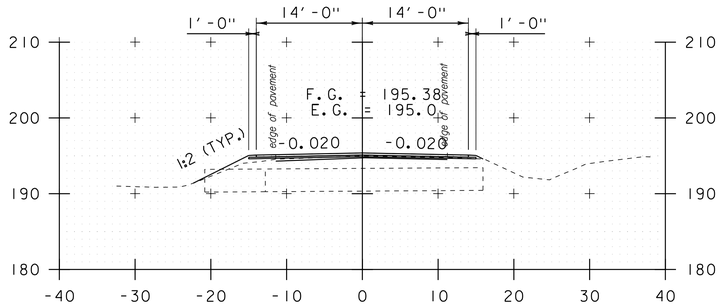
484+35



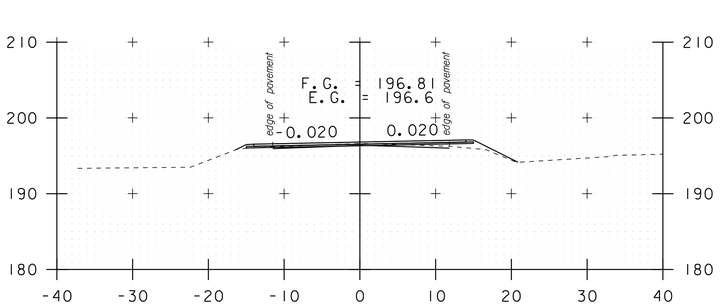
484+50



481+95



483+93



481+50

483+35

STA. 481+50 TO STA. 485+50

SCALE 1" = 10'-0
10 0 10

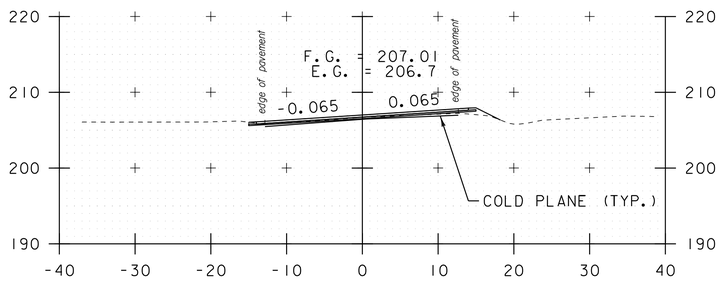
CROSS SECTION SHEET 3

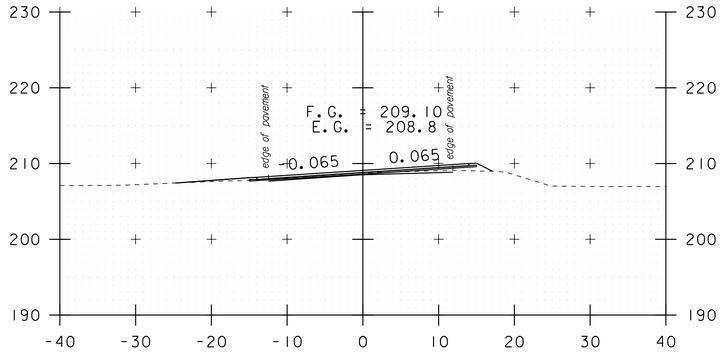
DATUM
NAVD 88
NAD 83

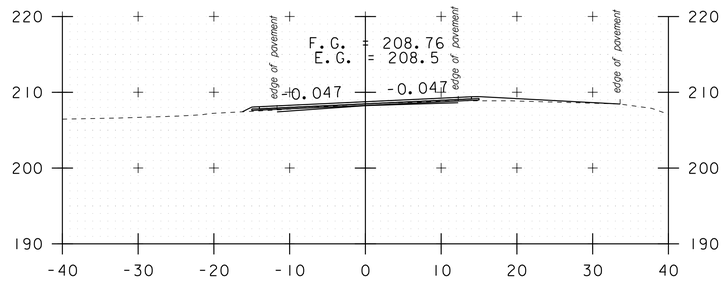
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_108.i

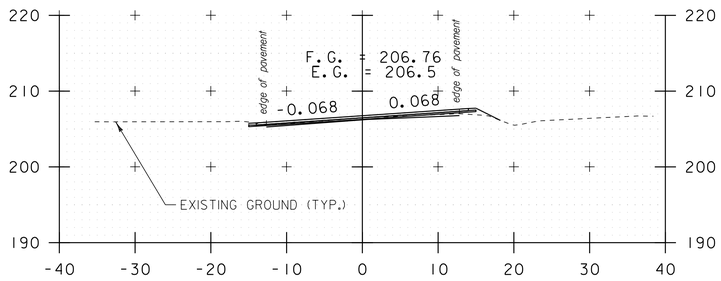
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 108 OF 186



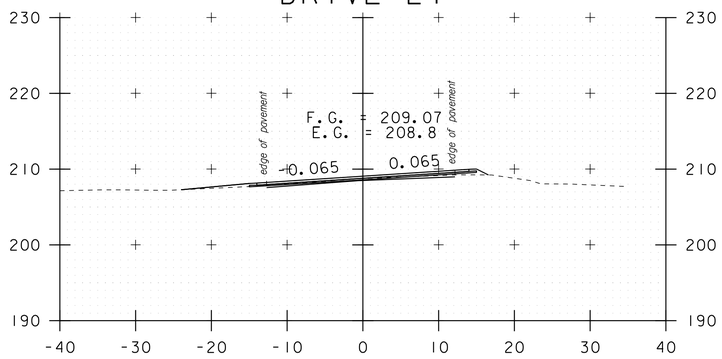




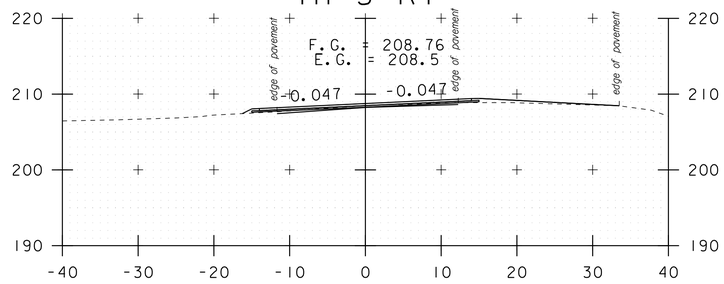
485+65



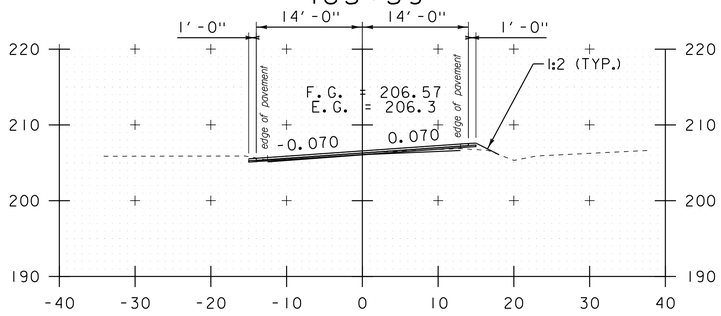
486+80 DRIVE LT



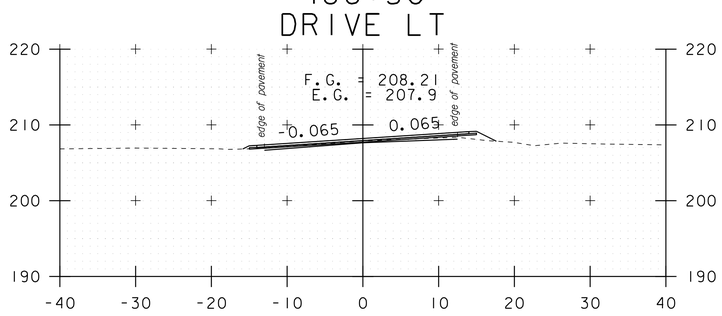
487+16 TH#5 RT



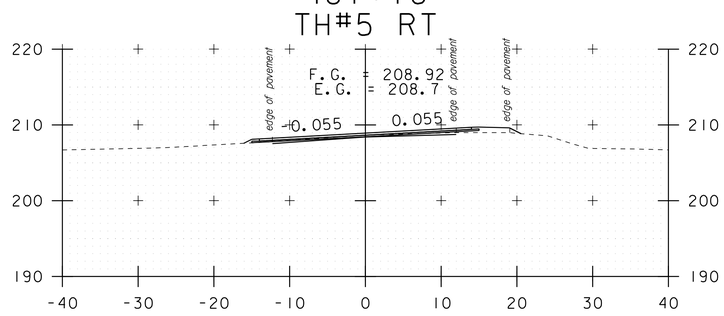
485+59



486+50 DRIVE LT



487+16 TH#5 RT



485+55

486+00

487+00 TH#5 RT

STA. 485+55 TO STA. 487+16

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

CROSS SECTION SHEET 4

PROJECT NAME: ADDISON-NEW HAVEN

PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

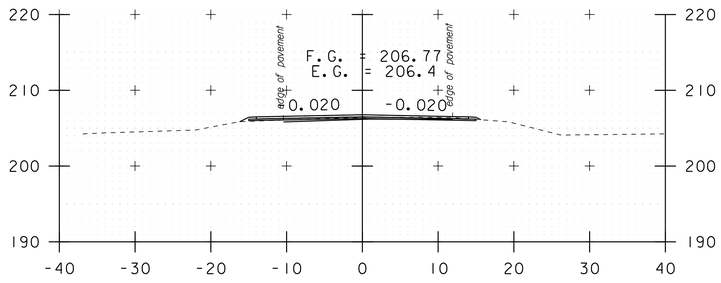
PLOT FILE: p95B076_109.i

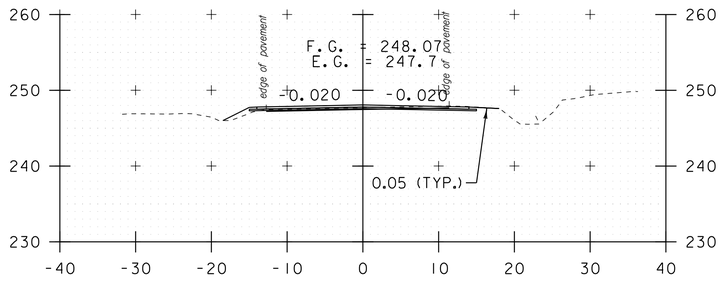
PLOT DATE: 3/13/2012

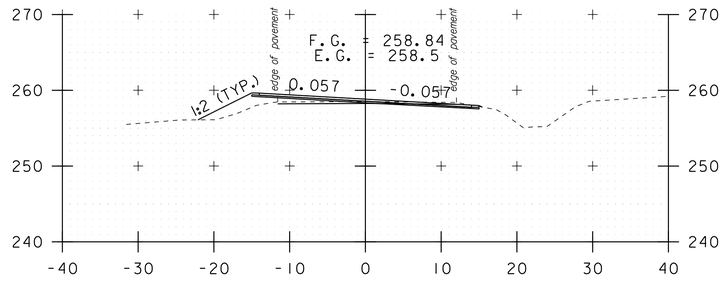
DRAWN BY: SJL

CHECKED BY: EPD

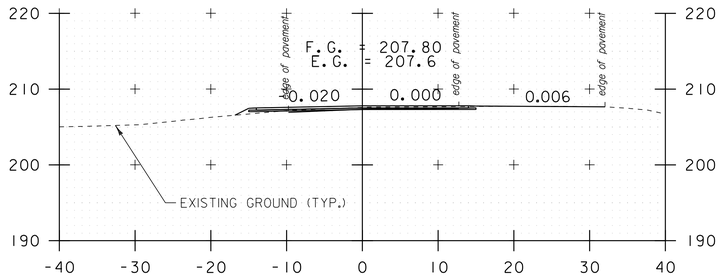
SHEET 109 OF 186



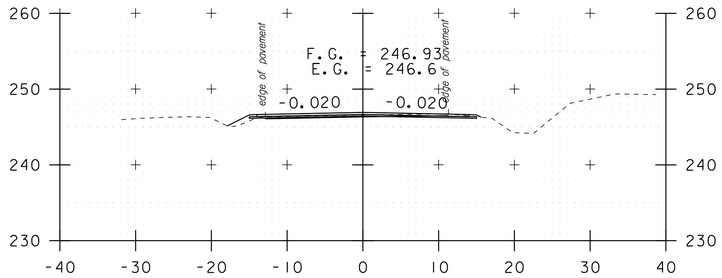




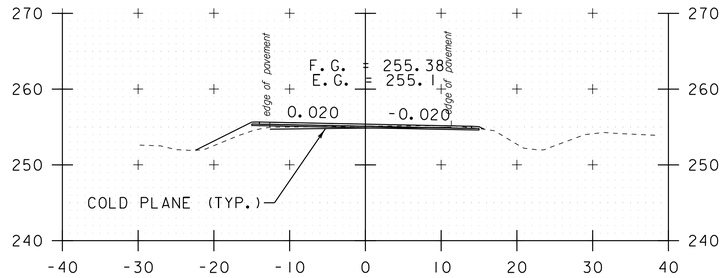
489+10



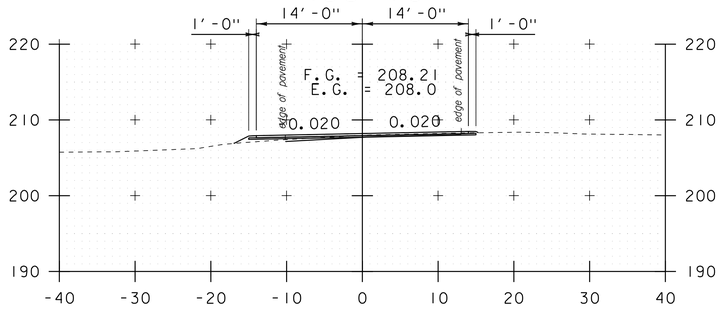
510+20



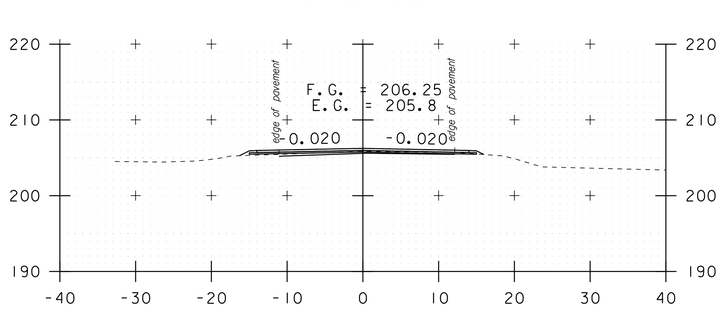
512+48



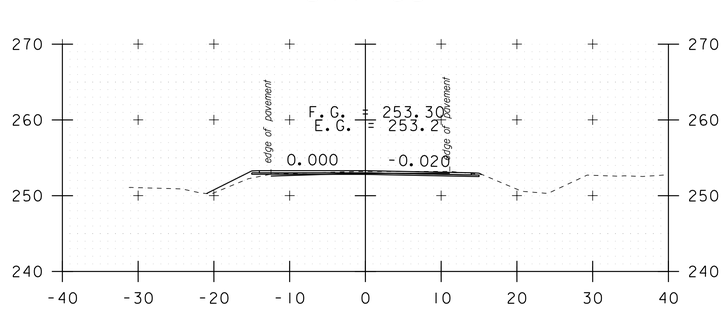
TH#5 RT
488+10



510+00



511+65



487+70

489+50

511+20

DATUM
NAVD 88
NAD 83

STA. 487+70 TO STA. 512+48

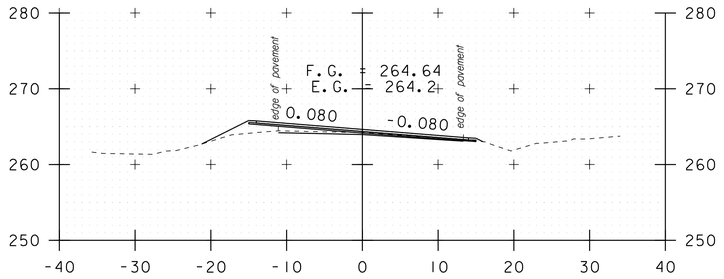
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 5

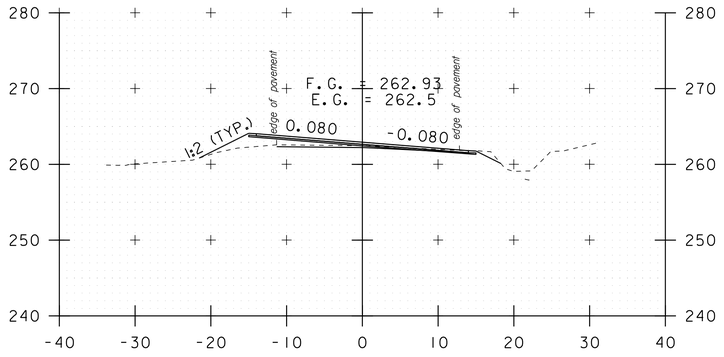
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_110.i

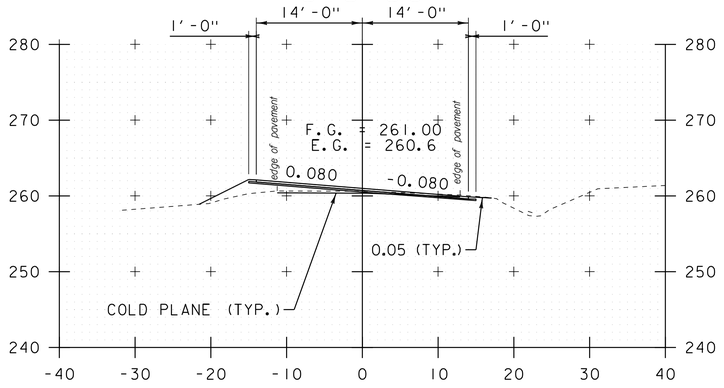
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 110 OF 186



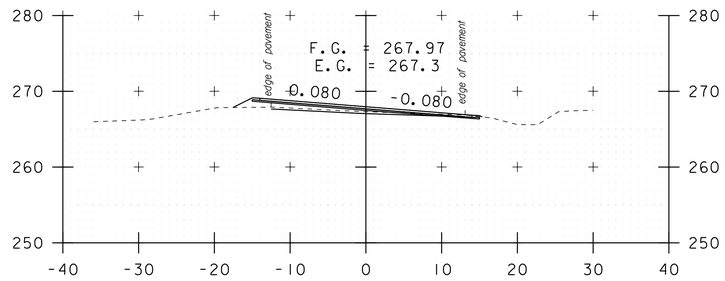
514+00



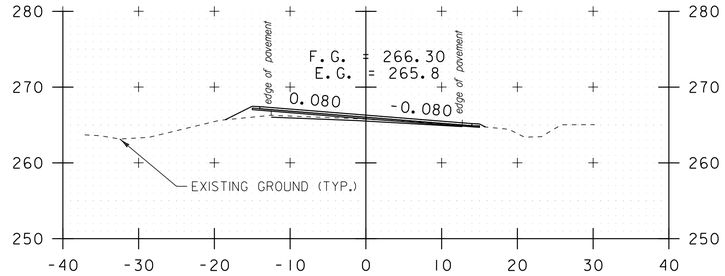
513+50



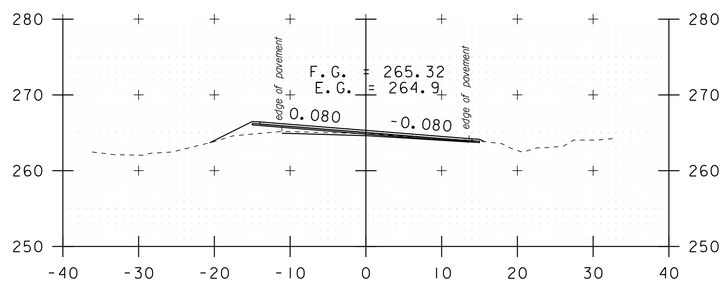
513+00



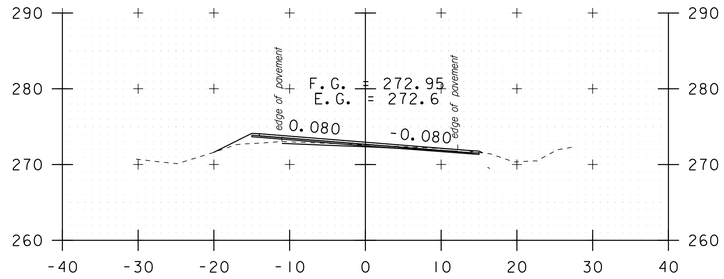
515+00



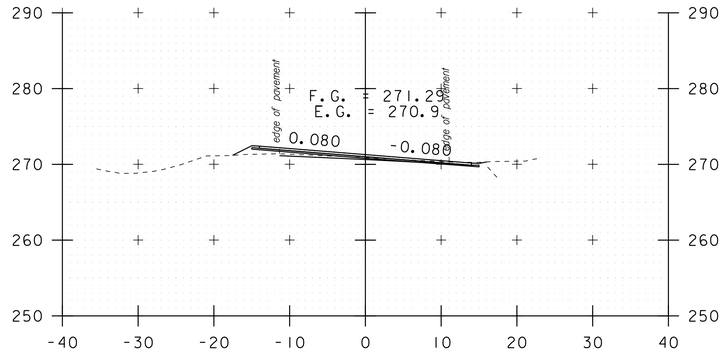
514+50



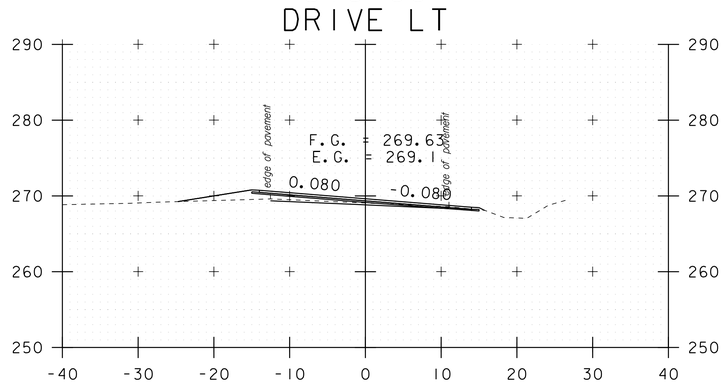
514+20



516+50



516+00
DRIVE LT



515+50
DRIVE LT

DATUM
NAVD 88
NAD 83

STA. 513+00 TO STA. 516+50

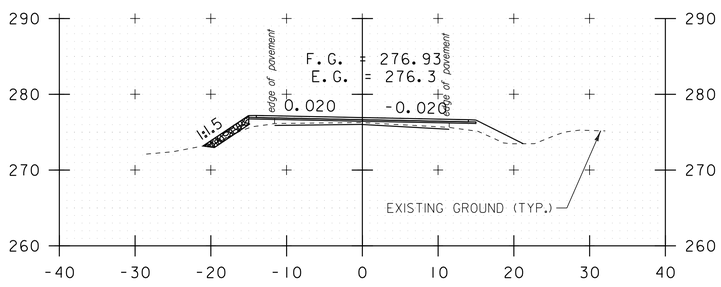
SCALE 1" = 10'-0
10 0 10

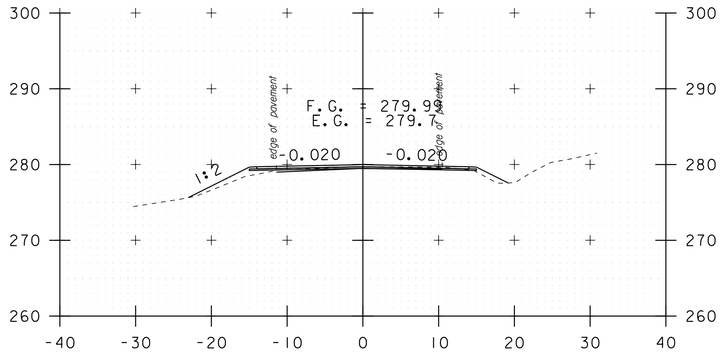
CROSS SECTION SHEET 6

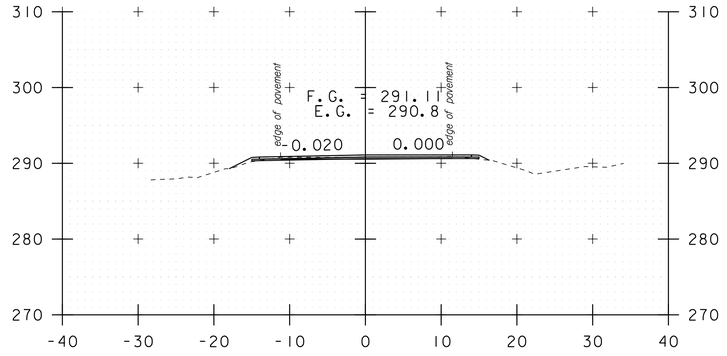
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_III.i

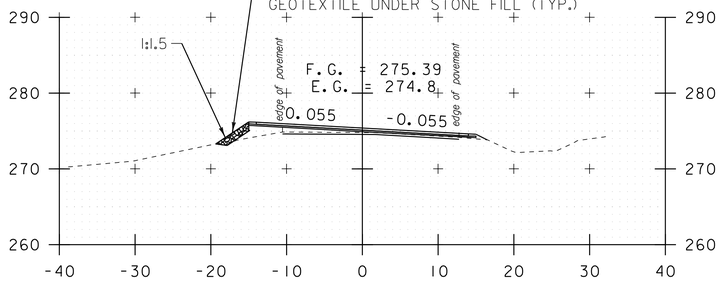
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET III OF 186



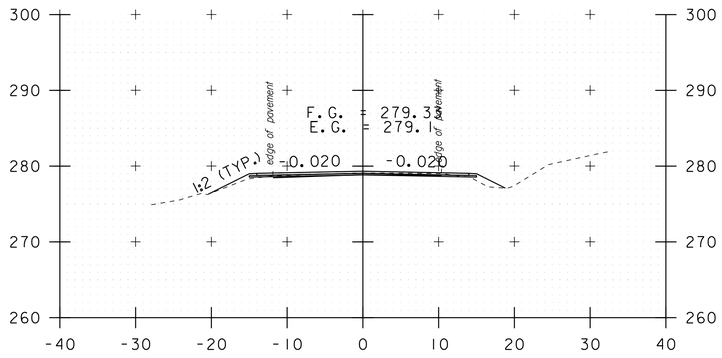




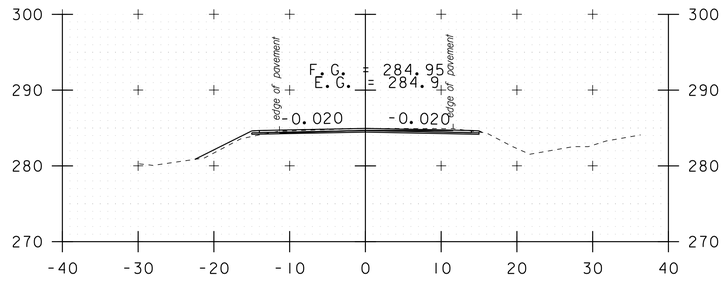
518+15



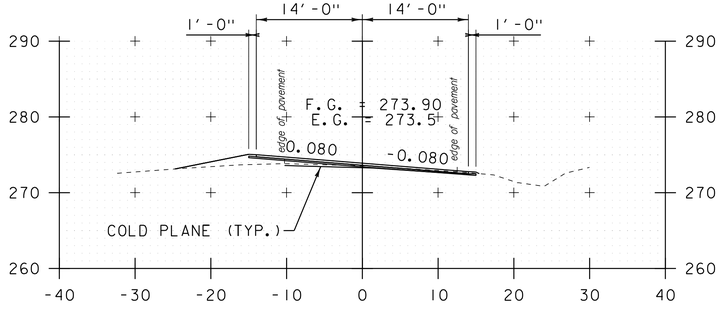
520+00



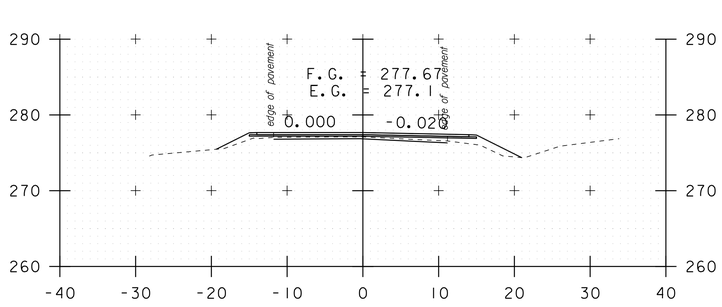
523+15



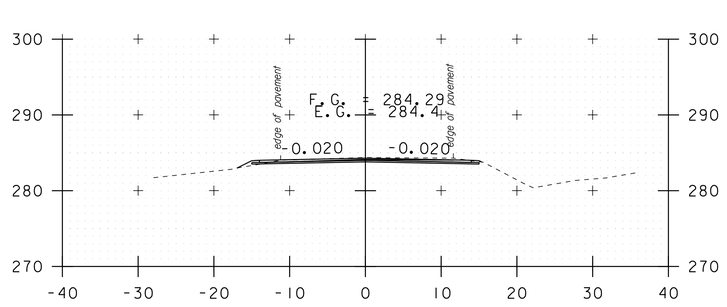
517+36



519+60



522+15



516+80
DRIVE LT

518+60

522+00

DATUM
NAVD 88
NAD 83

STA. 516+80 TO STA. 523+15

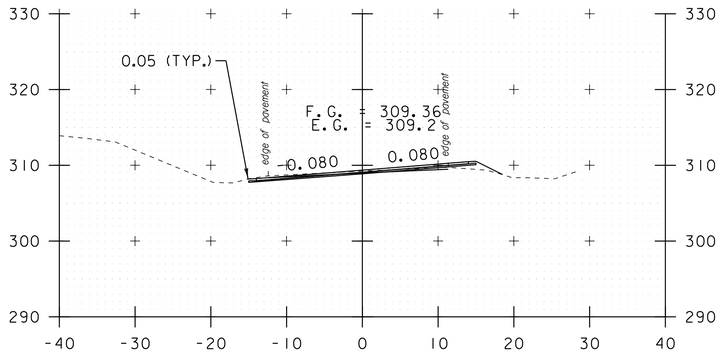
SCALE 1" = 10'-0
10 0 10

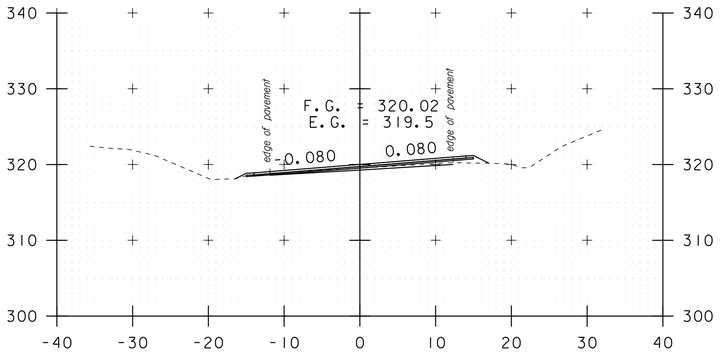
CROSS SECTION SHEET 7

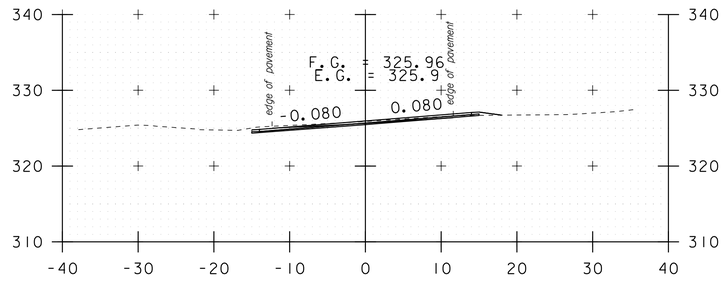
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_112.i

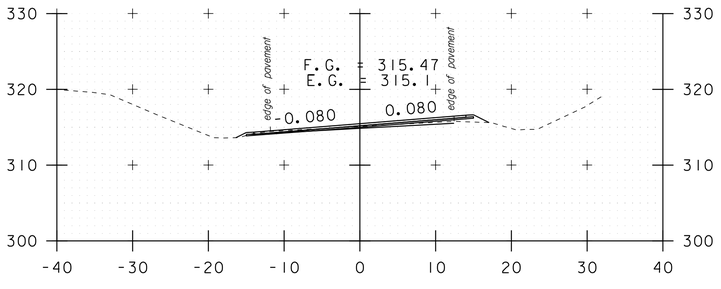
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 112 OF 186



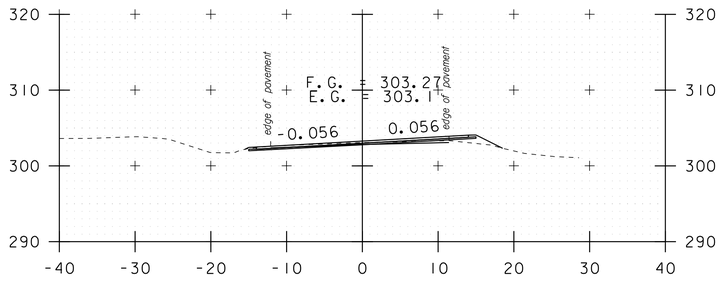




526+00

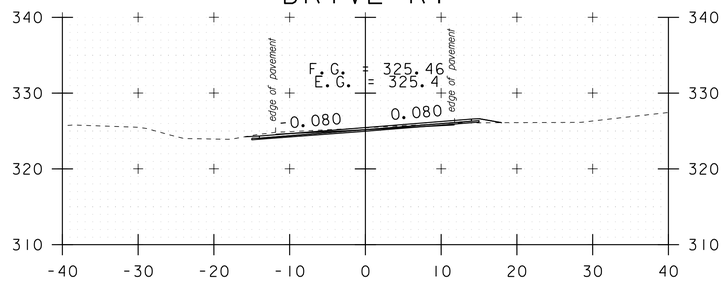


524+95

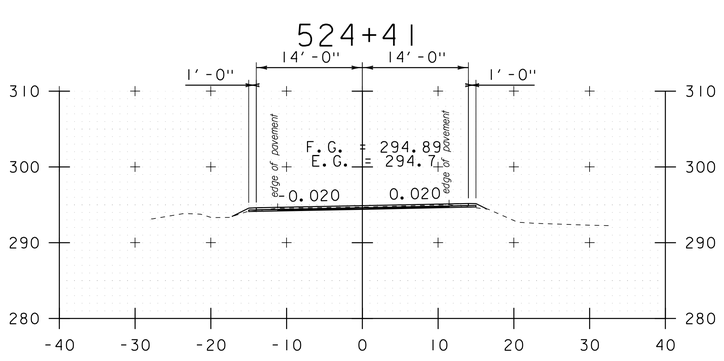


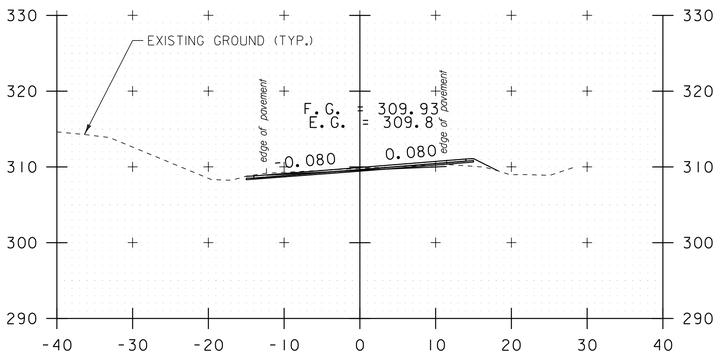
525+50

527+20
DRIVE RT

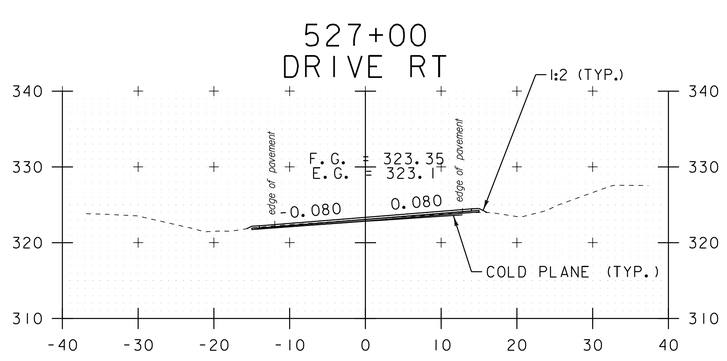


524+41





527+00
DRIVE RT



523+60

525+00

526+50

DATUM
NAVD 88
NAD 83

STA. 523+60 TO STA. 527+20

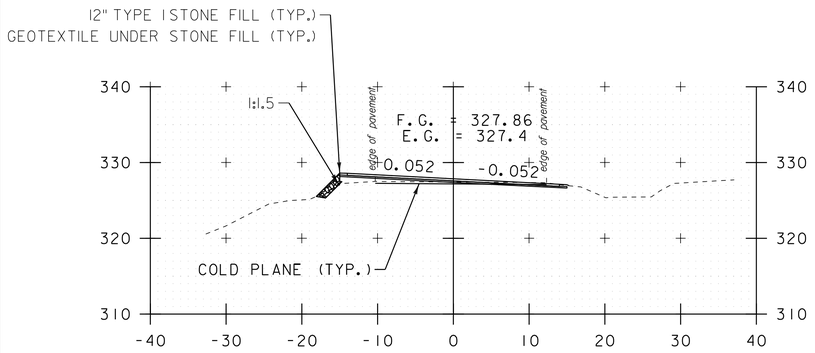
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 8

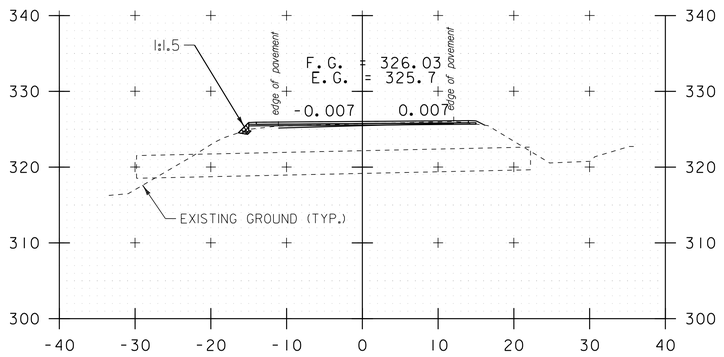
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_113.i

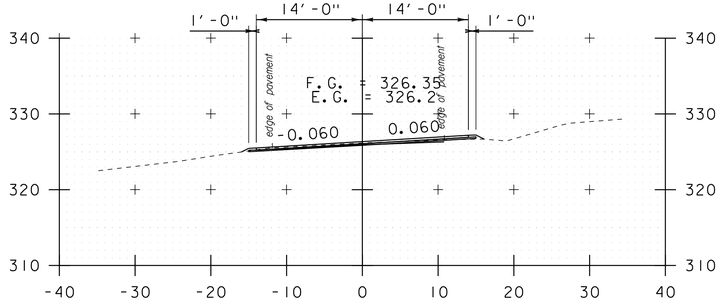
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 113 OF 186



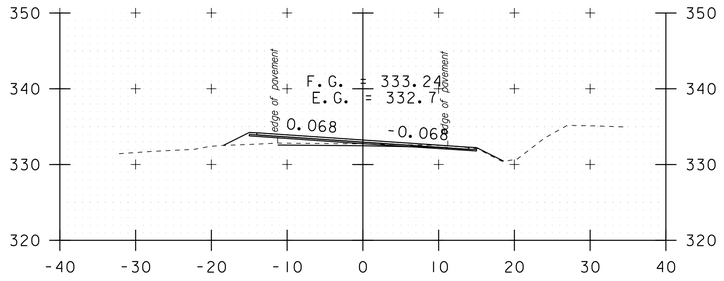
530+72



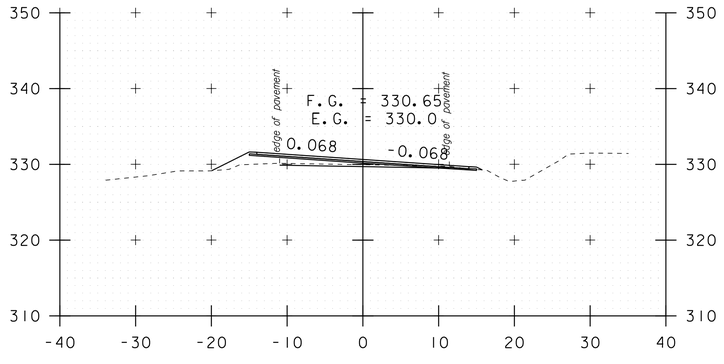
529+14



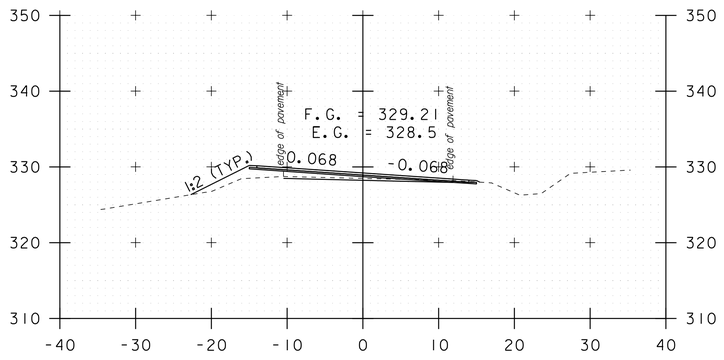
527+73



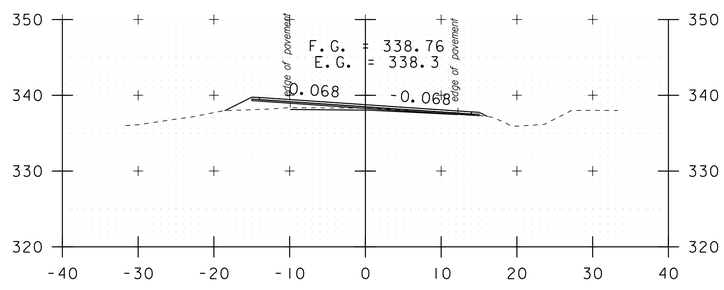
532+00



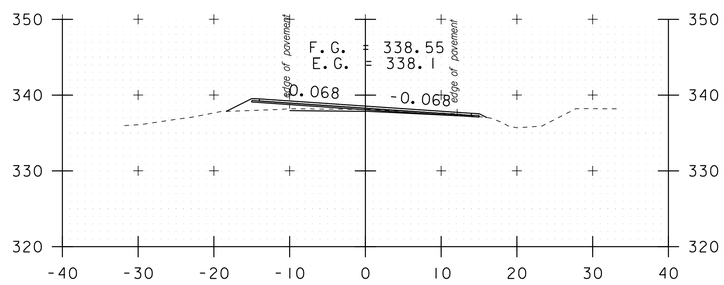
531+50



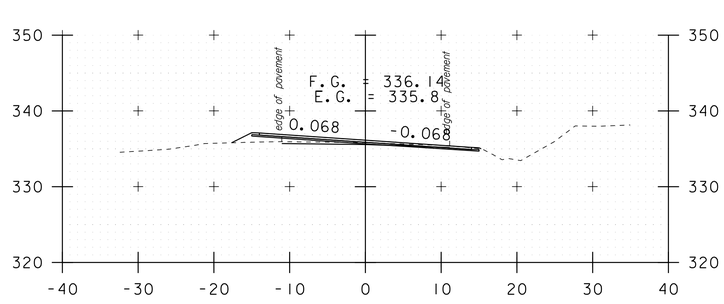
531+15



533+05



533+00



532+50

DATUM
NAVD 88
NAD 83

STA. 527+73 TO STA. 533+05

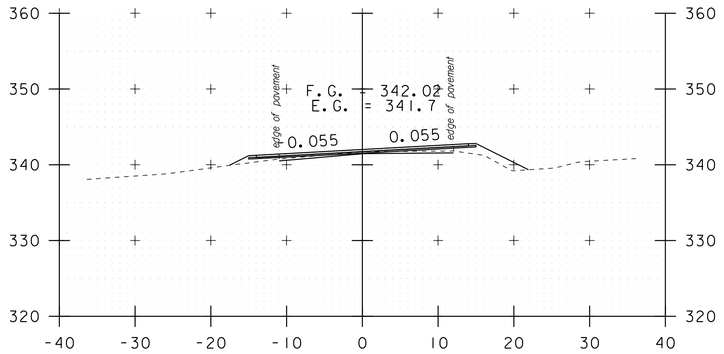
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 9

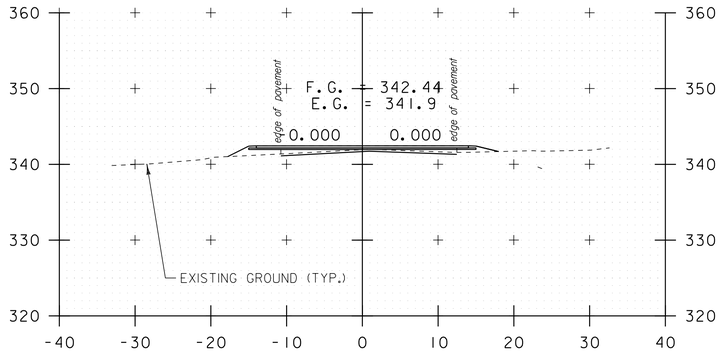
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_114.i

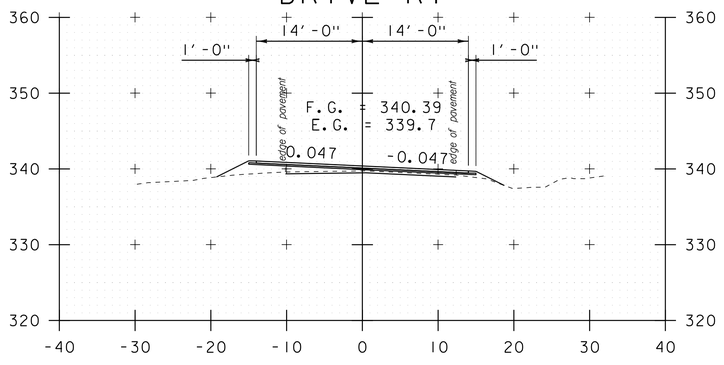
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 114 OF 186



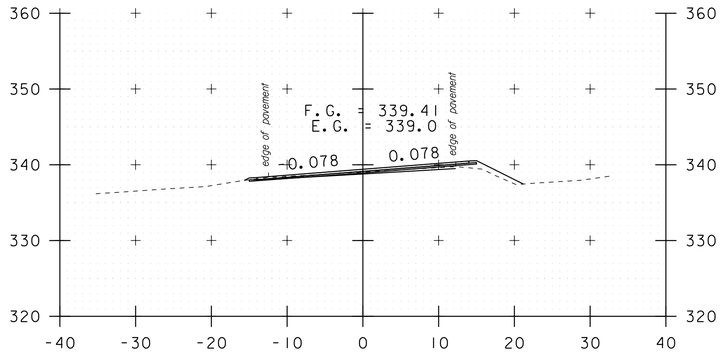
535+65



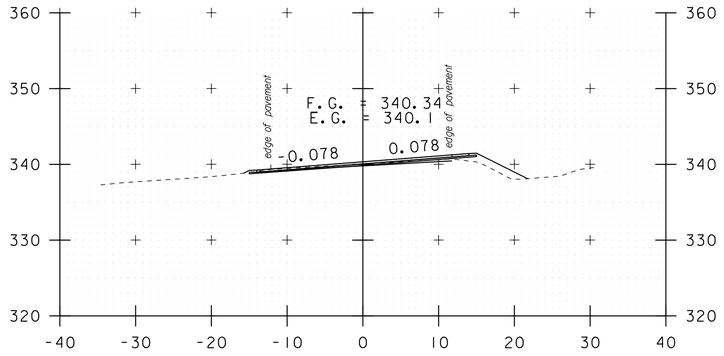
534+50
DRIVE RT



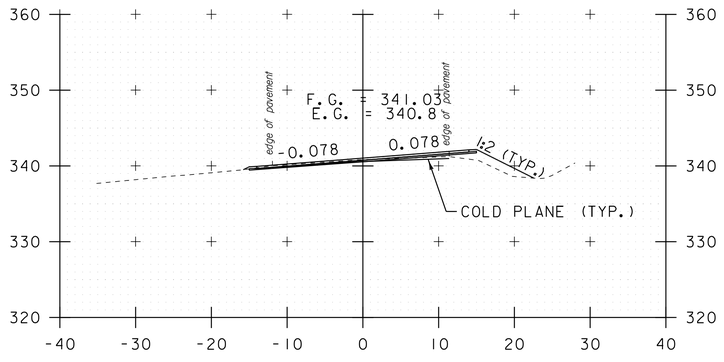
533+50



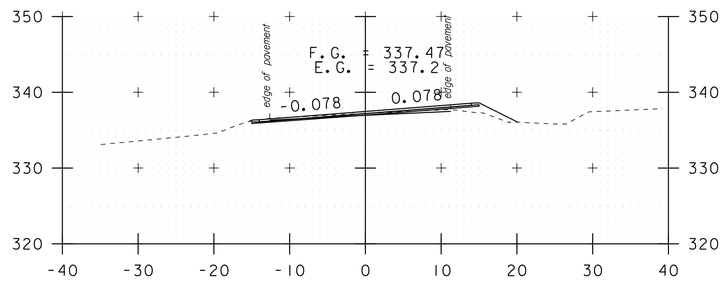
537+00



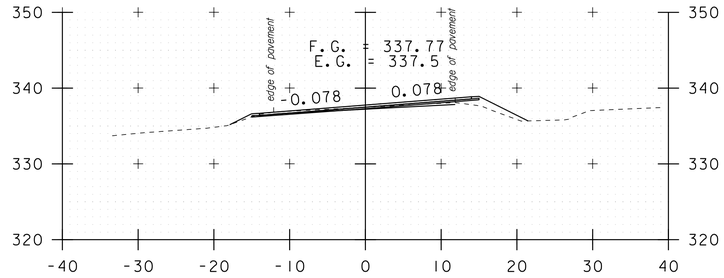
536+50



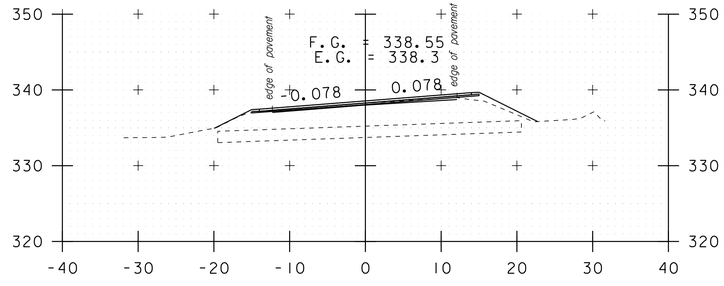
536+15



538+20



538+00



537+50

DATUM
NAVD 88
NAD 83

STA. 533+50 TO STA. 538+20

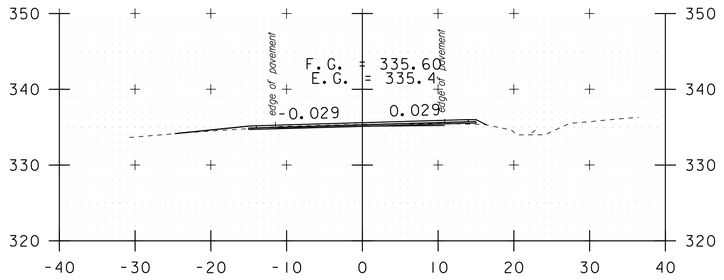
SCALE 1" = 10'-0
10 0 10

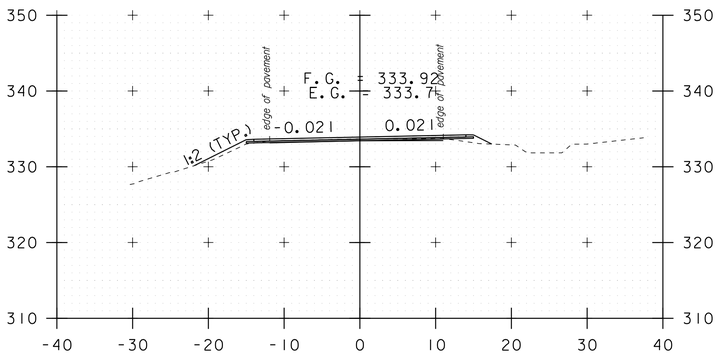
CROSS SECTION SHEET 10

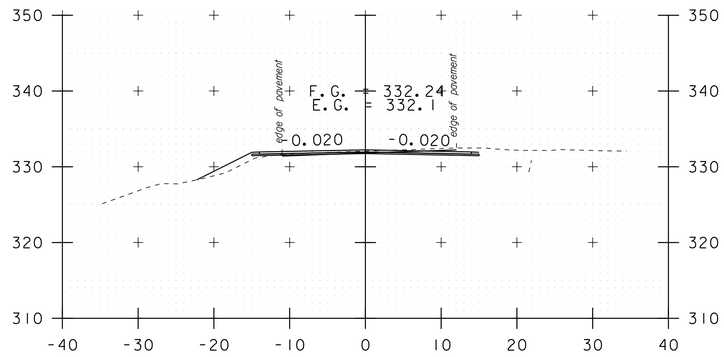
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_115.i

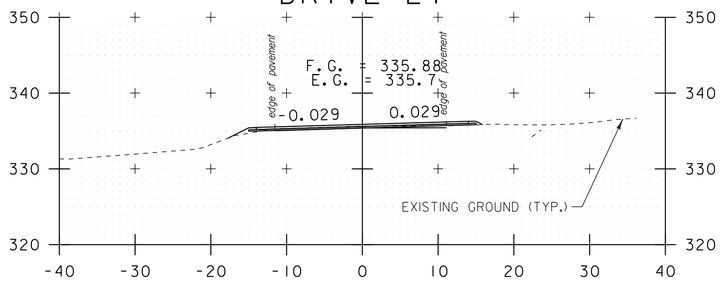
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 115 OF 186

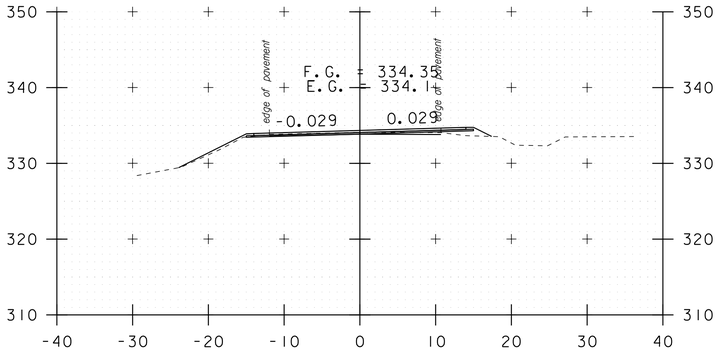




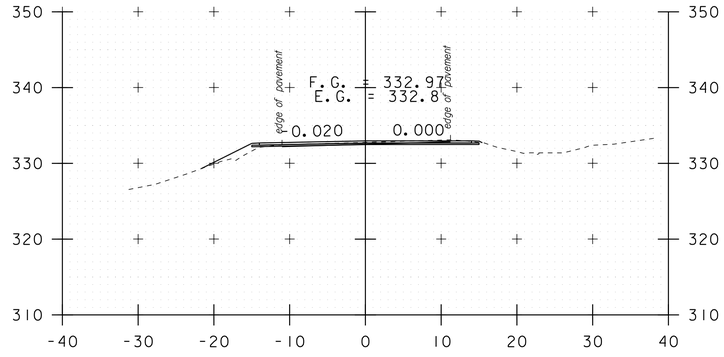


539+50
DRIVE LT



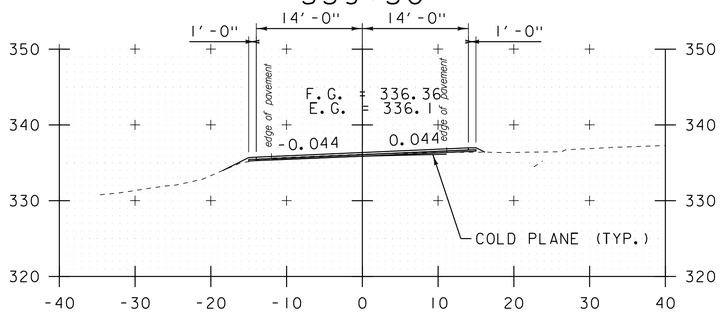


540+89

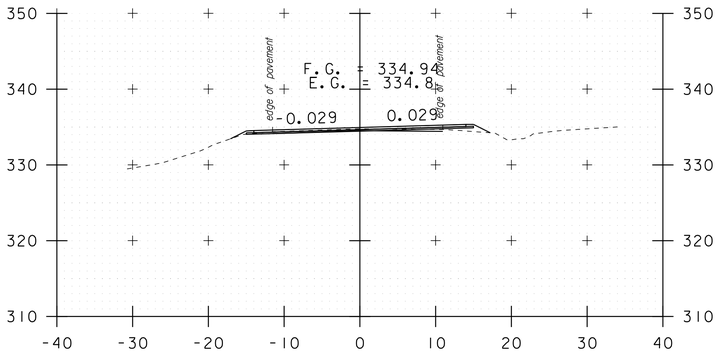


542+90

539+30

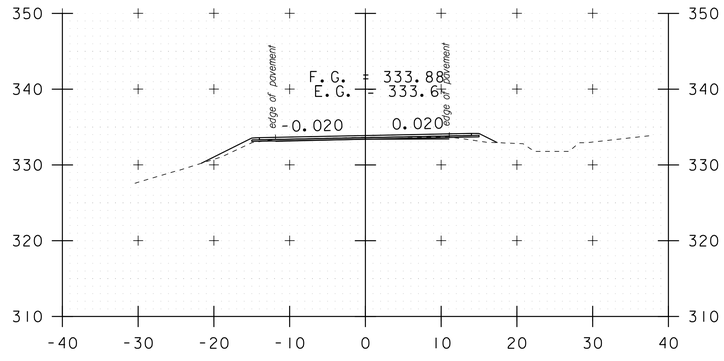


538+97



540+00

540+50



540+93

541+90

DATUM
NAVD 88
NAD 83

STA. 538+97 TO STA. 542+90

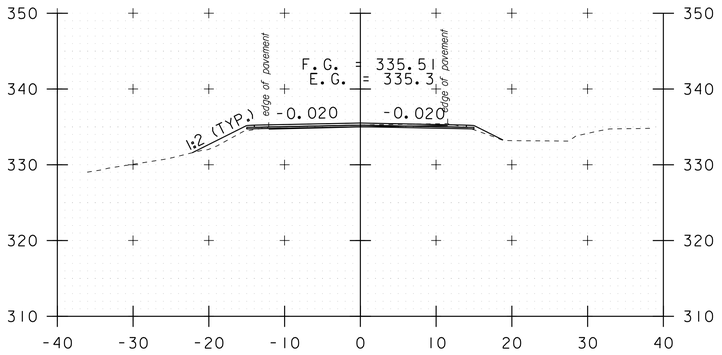
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 11

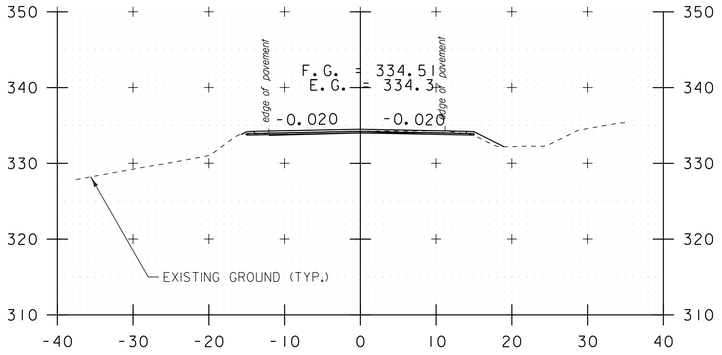
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_116.i

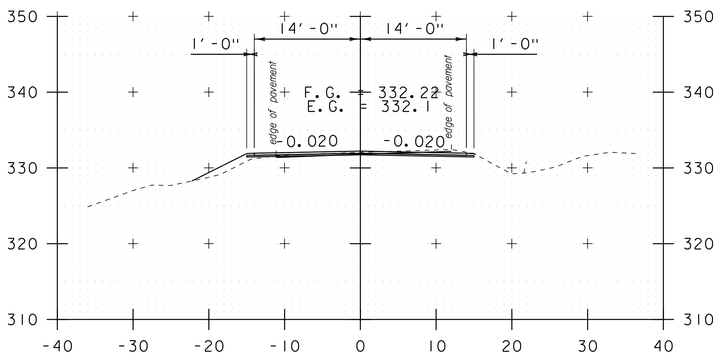
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 116 OF 186



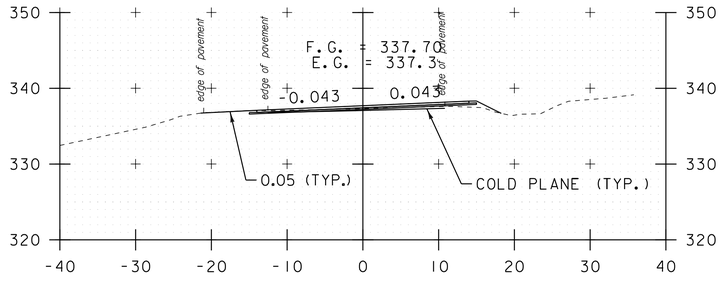
545+50



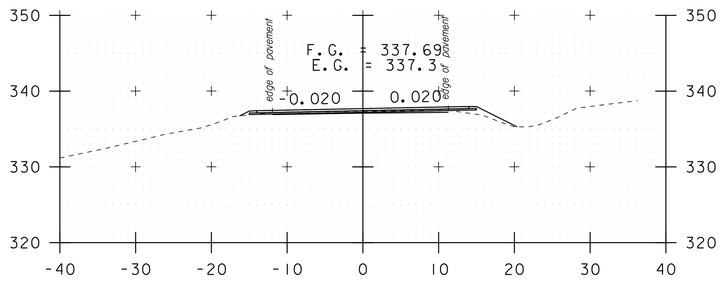
545+00



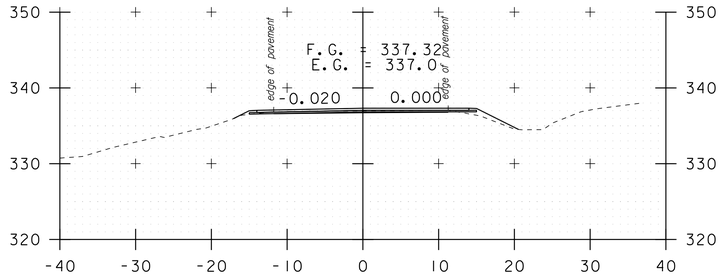
543+00



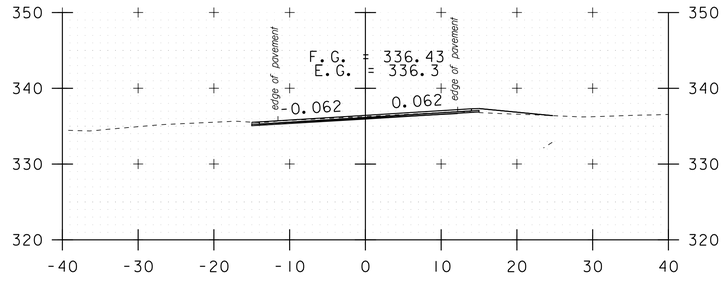
547+48



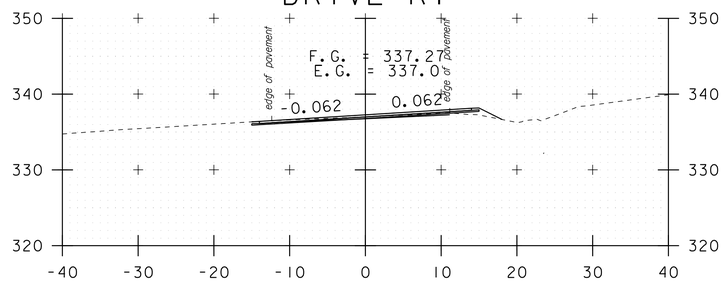
546+95



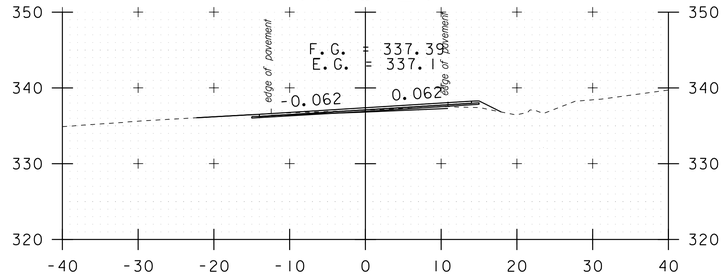
546+50



548+50
DRIVE RT



548+00
TH#6 LT



547+90

DATUM
NAVD 88
NAD 83

STA. 543+00 TO STA. 548+50

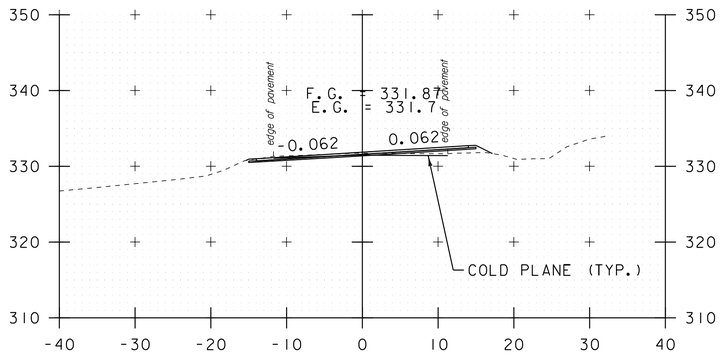
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 12

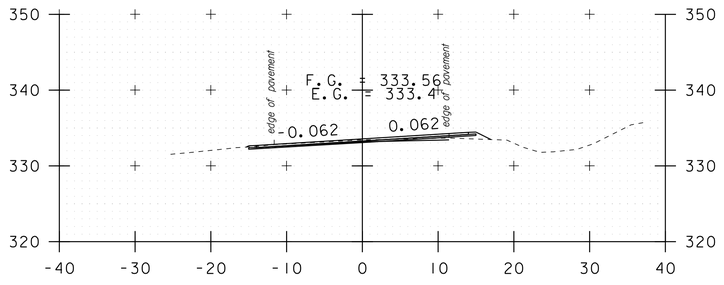
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_117.i

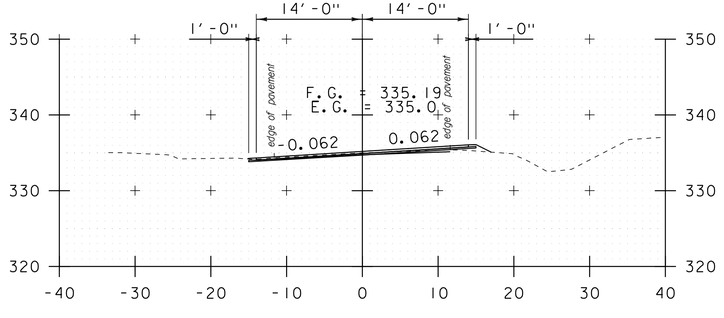
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 117 OF 186



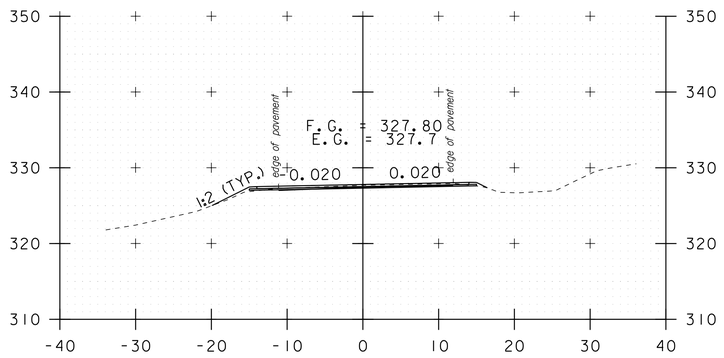
550+00



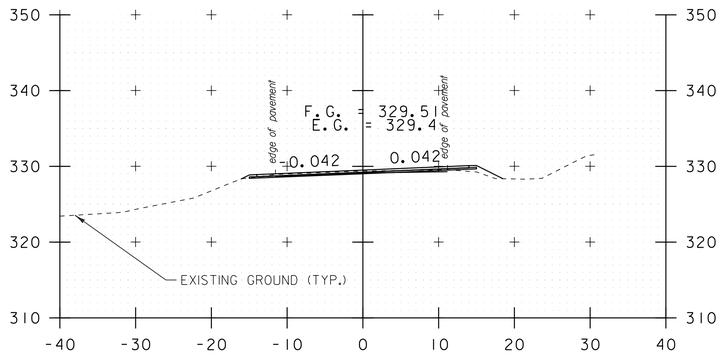
549+50



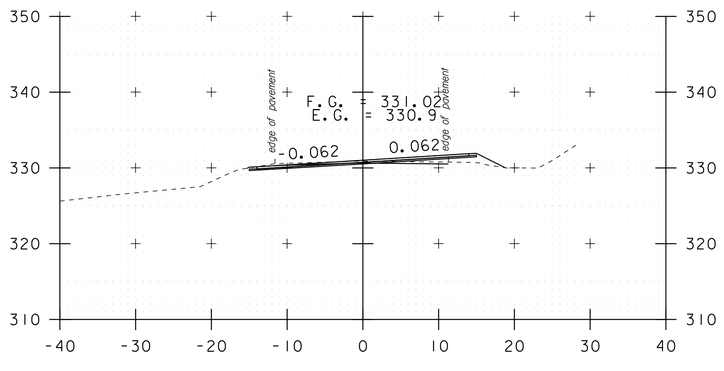
549+00



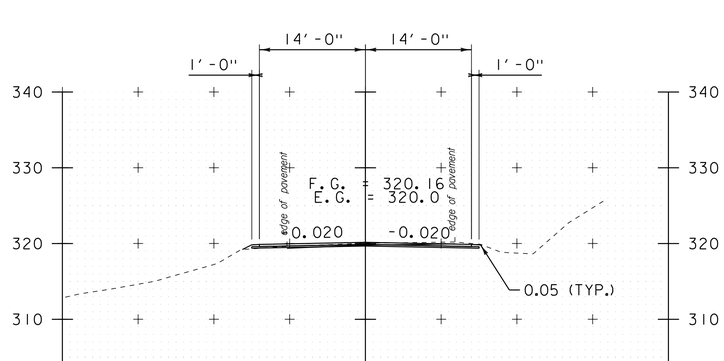
551+20



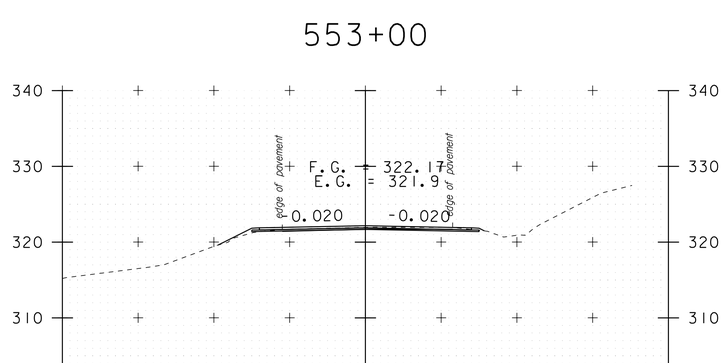
550+69



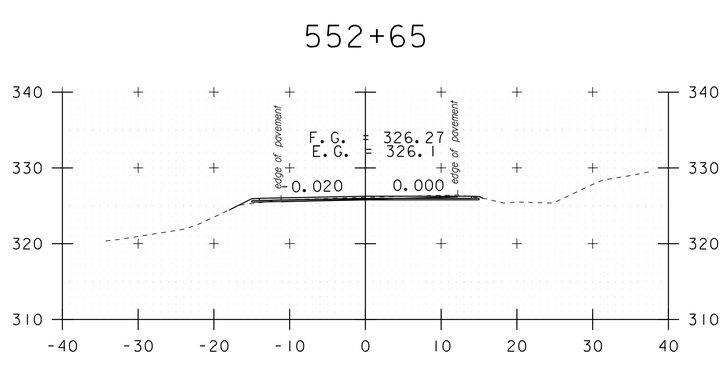
550+25



553+00



552+65



551+65

DATUM
NAVD 88
NAD 83

STA. 549+00 TO STA. 553+00

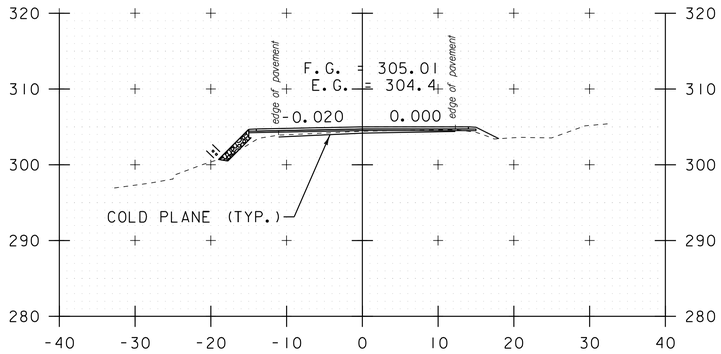
SCALE 1" = 10'-0
10 0 10

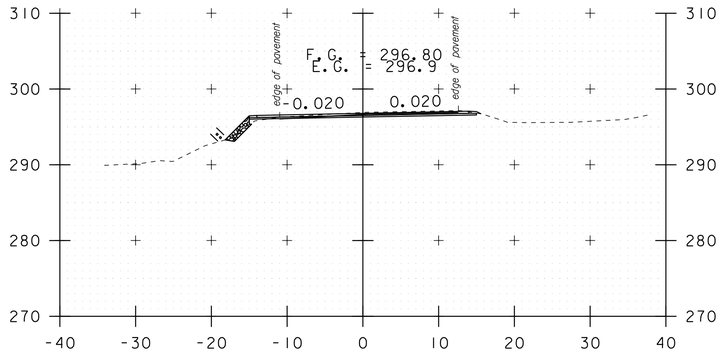
CROSS SECTION SHEET 13

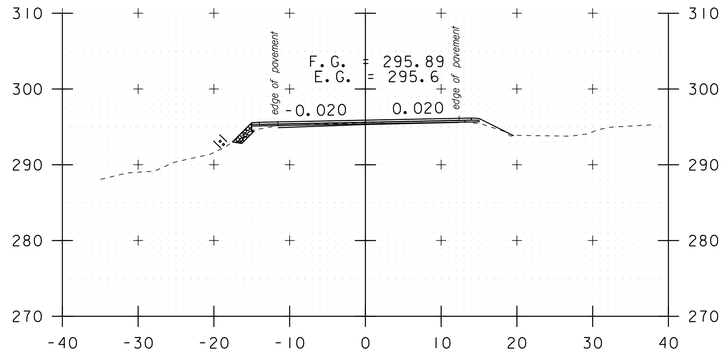
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_118.i

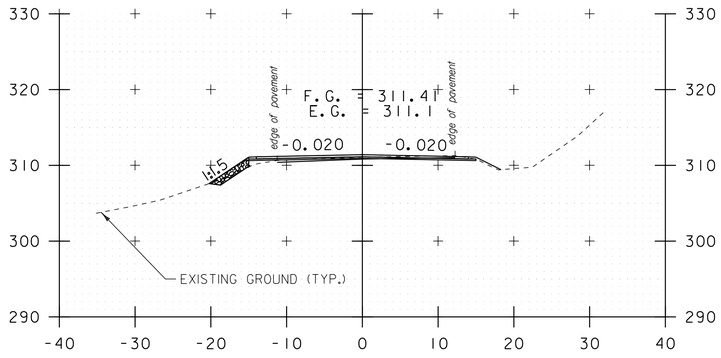
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 118 OF 186



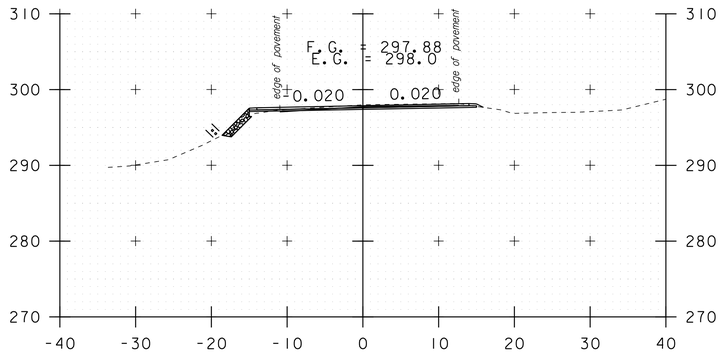




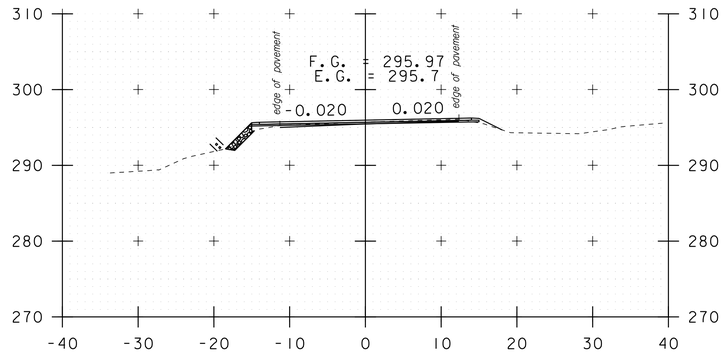
555+25



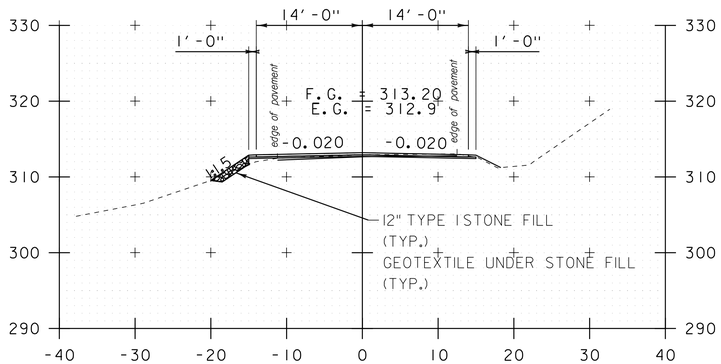
557+50



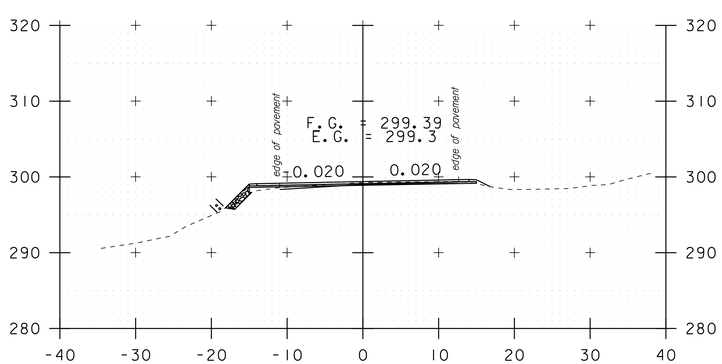
558+50



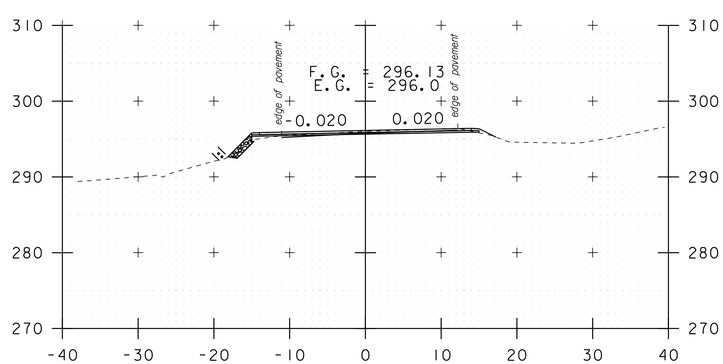
554+25



556+50



558+24



554+00

558+00

DATUM
NAVD 88
NAD 83

STA. 554+00 TO STA. 558+50

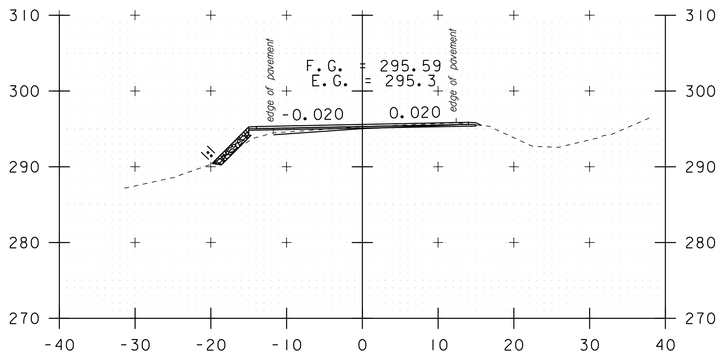
SCALE 1" = 10'-0
10 0 10

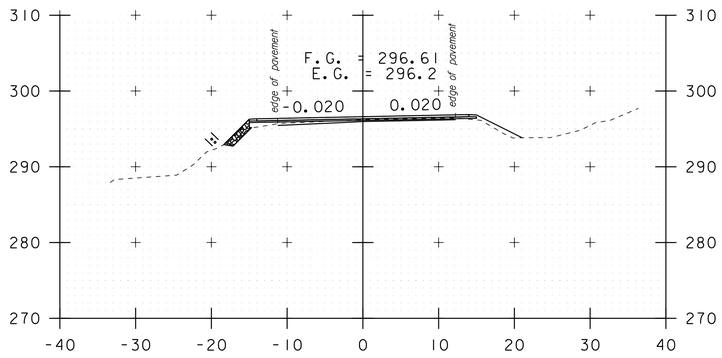
CROSS SECTION SHEET 14

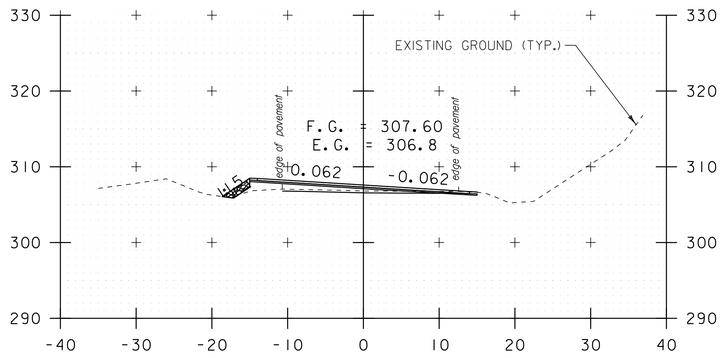
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_119.i

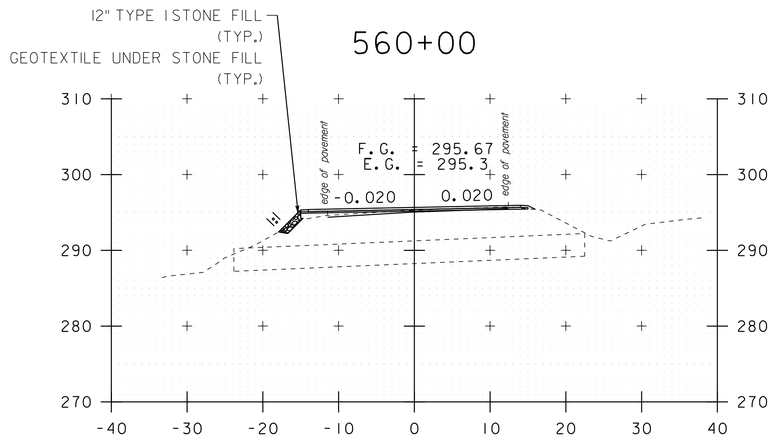
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 119 OF 186



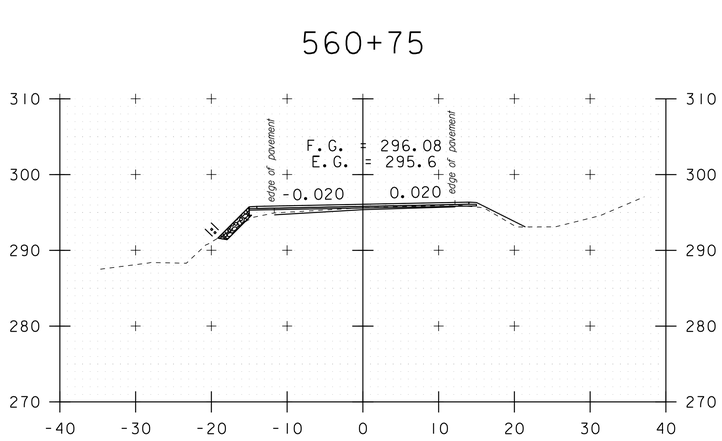




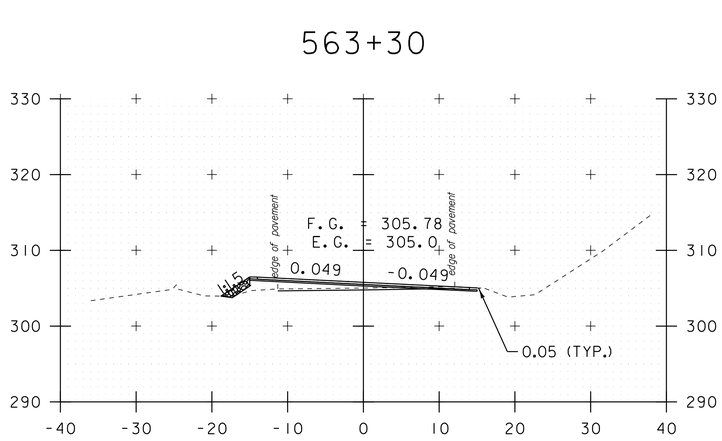
560+00



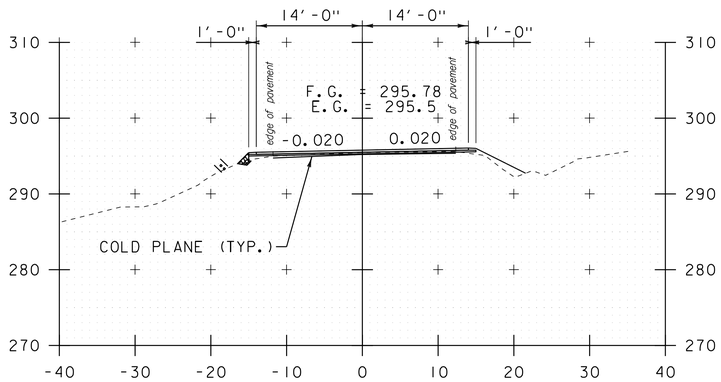
560+75



563+30

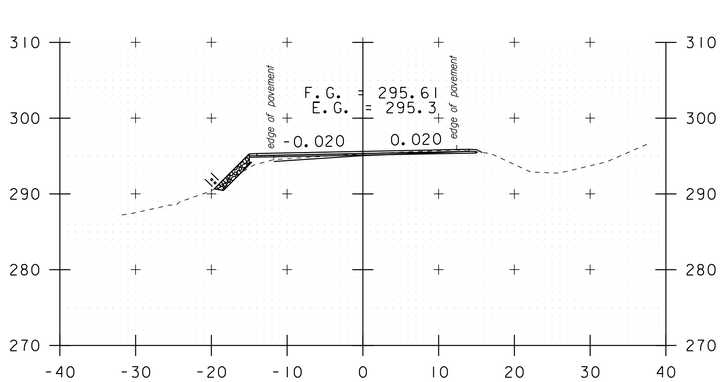


559+50



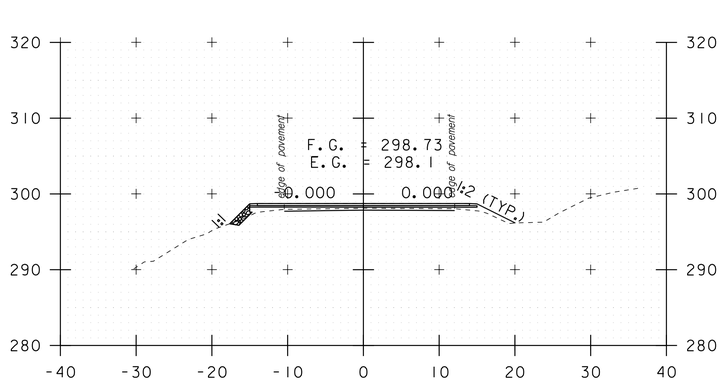
559+00

560+50



560+06

562+91



561+37

STA. 559+00 TO STA. 563+30

SCALE 1" = 10'-0
10 0 10

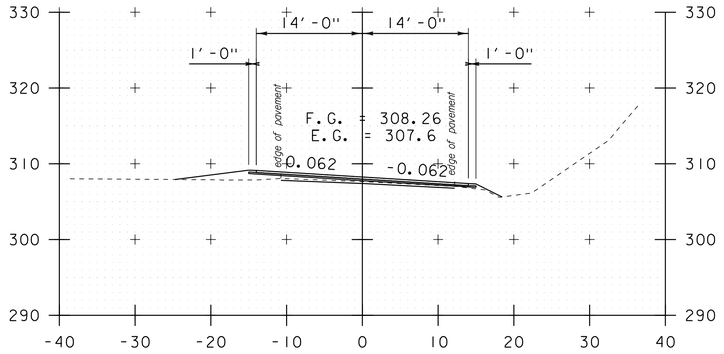
CROSS SECTION SHEET 15

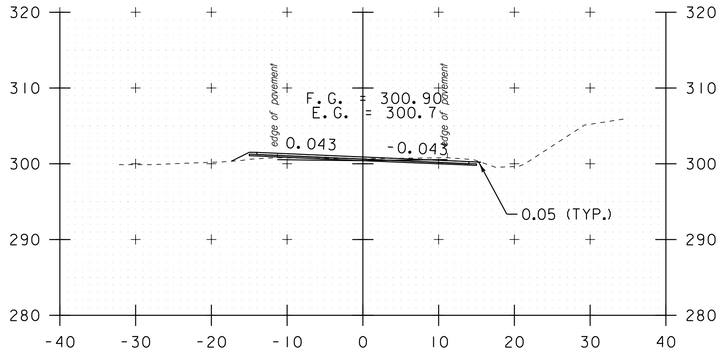
DATUM
NAVD 88
NAD 83

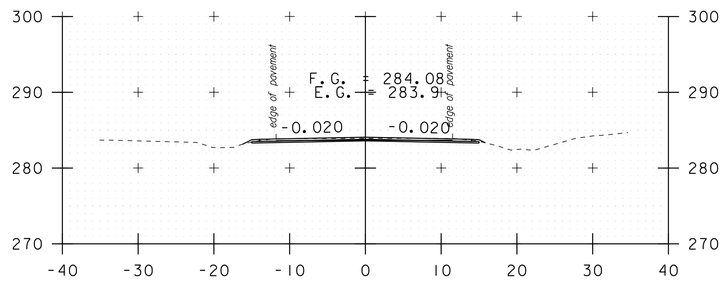
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_120.i

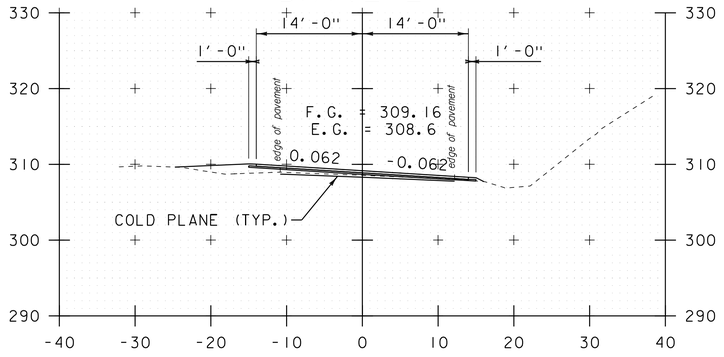
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 120 OF 186



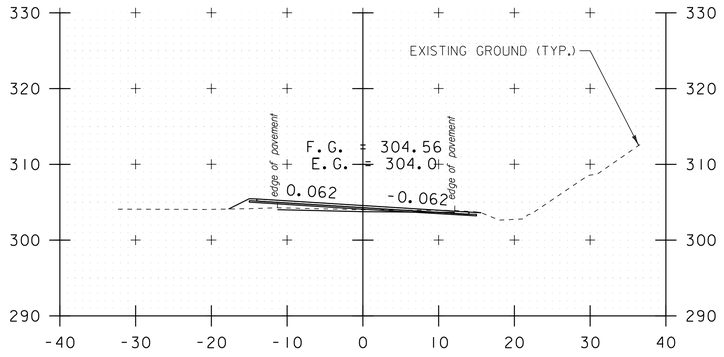




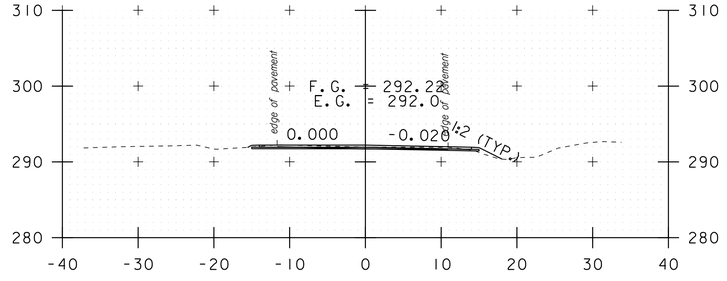
564+50
DRIVE LT



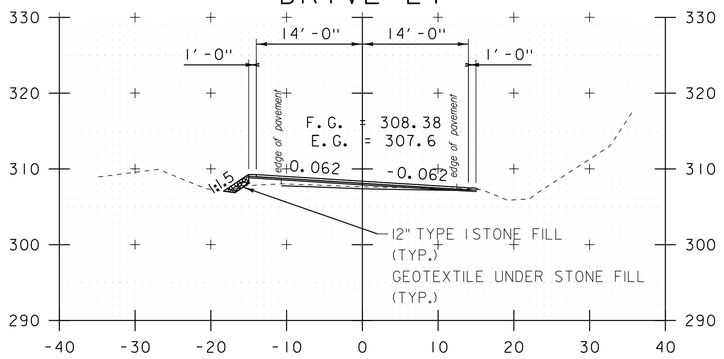
565+57



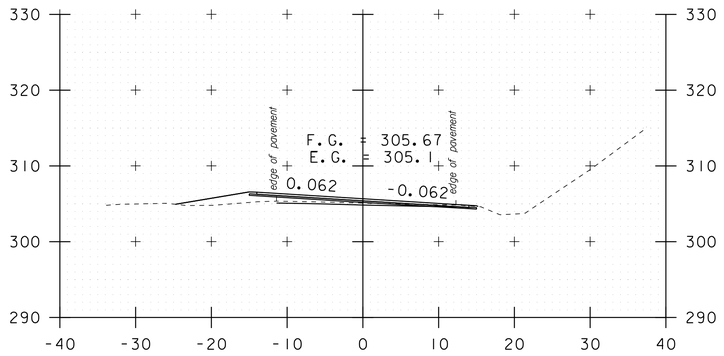
567+55



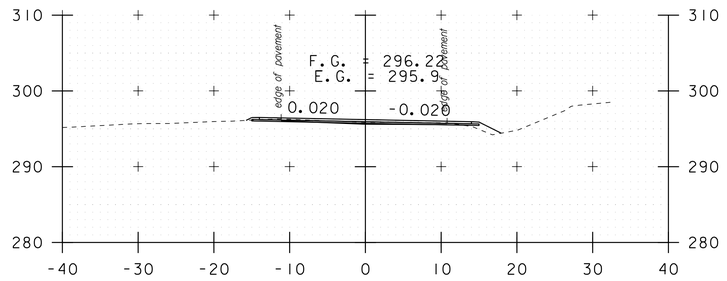
564+00
DRIVE LT



565+15



566+55



563+50

565+00
DRIVE LT

566+10

STA. 563+50 TO STA. 567+55

SCALE 1" = 10'-0
10 0 10

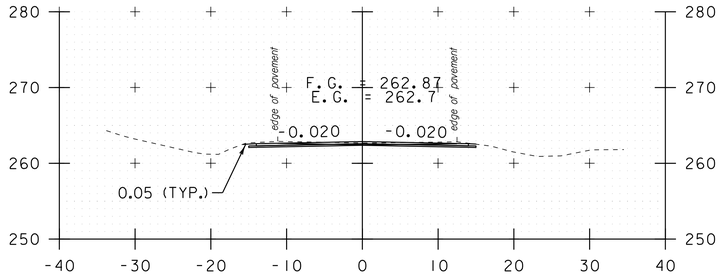
DATUM
NAVD 88
NAD 83

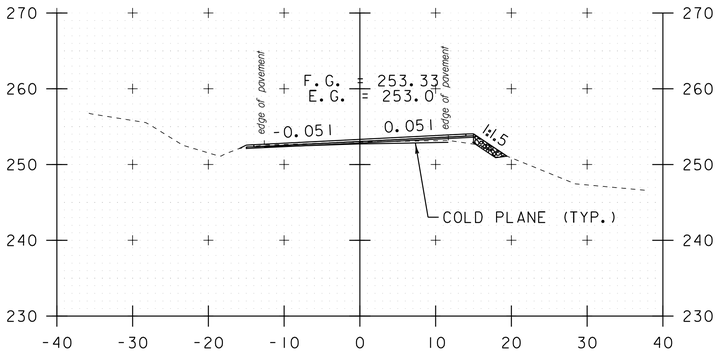
CROSS SECTION SHEET 16

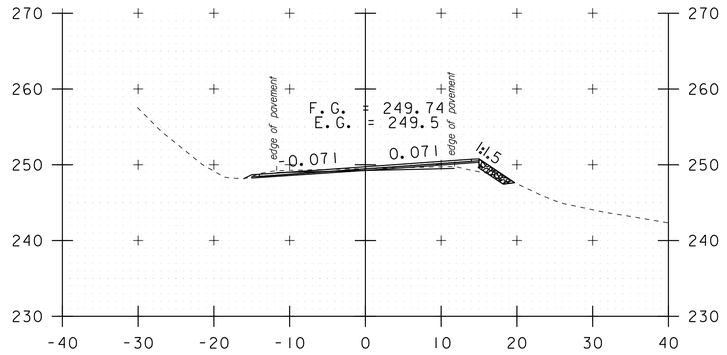
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_121.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 121 OF 186



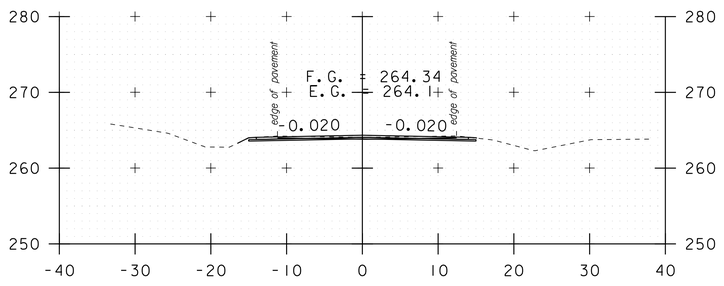




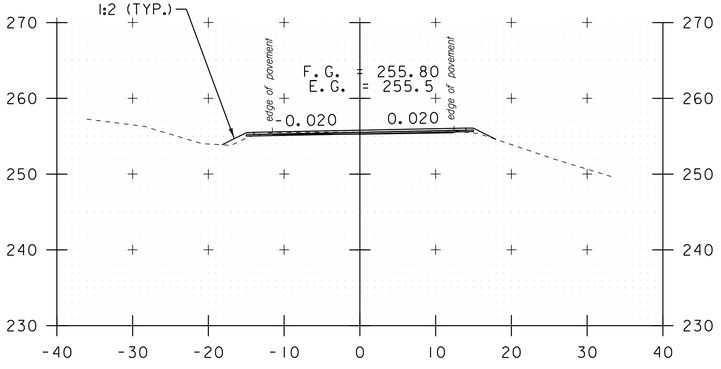
574+00

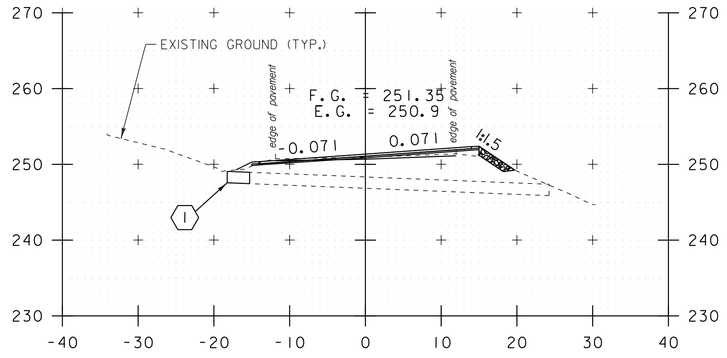
(1) STA. 573+41.84 LT 18.24' TO
STA. 573+42.79 LT 15.29'
EXTEND 18" CPEP (3'-0")
PROPOSED INV. IN = 247.57'
EXISTING INV. IN = 247.45'

570+75

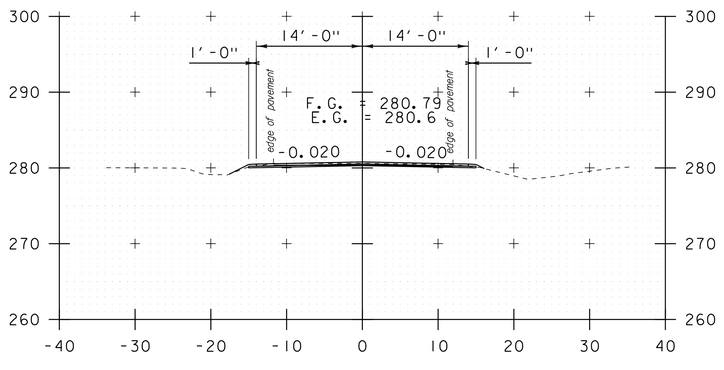


572+89

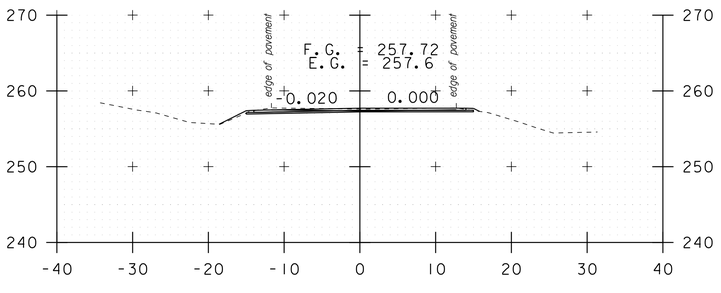




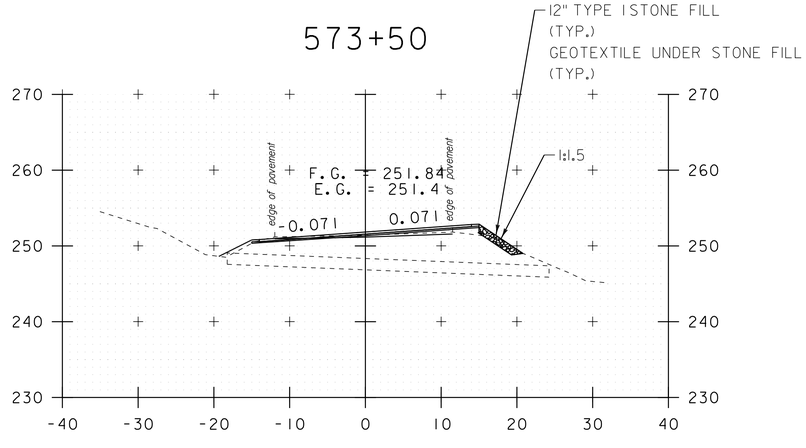
570+50



572+20



573+50



568+00

571+75

573+35

DATUM
NAVD 88
NAD 83

STA. 568+00 TO STA. 574+00

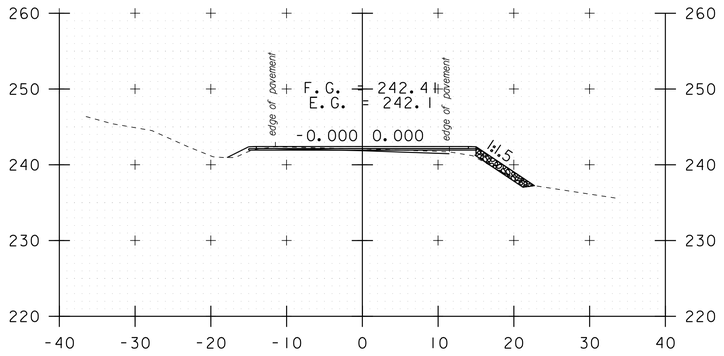
SCALE 1" = 10'-0
10 0 10

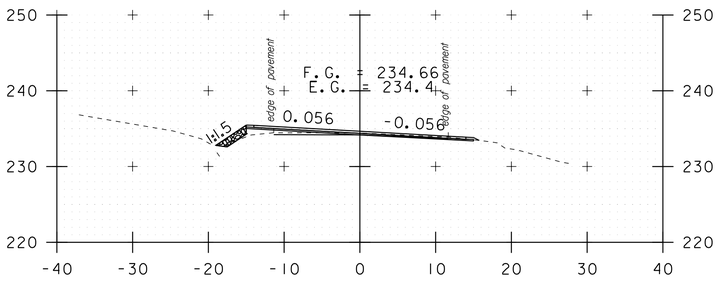
CROSS SECTION SHEET 17

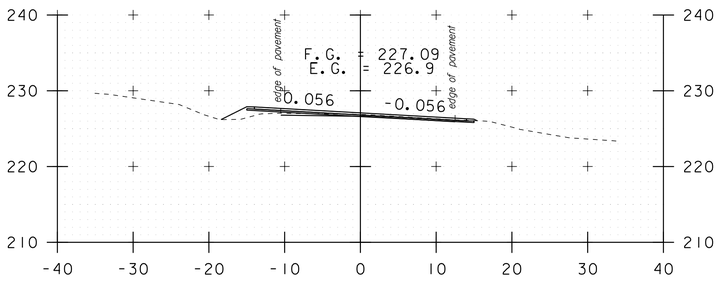
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_122.i

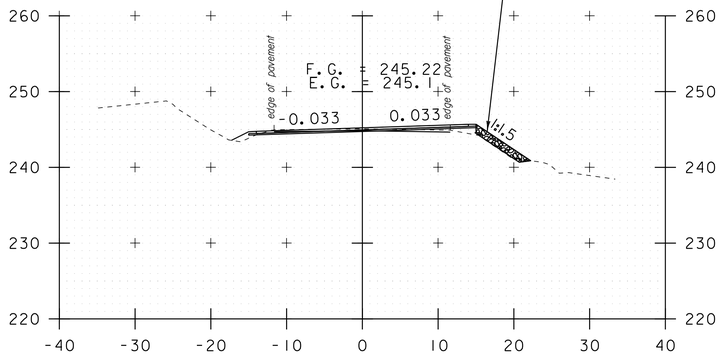
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 122 OF 186



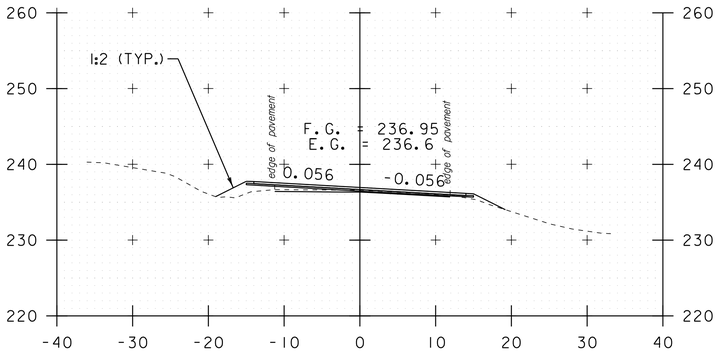




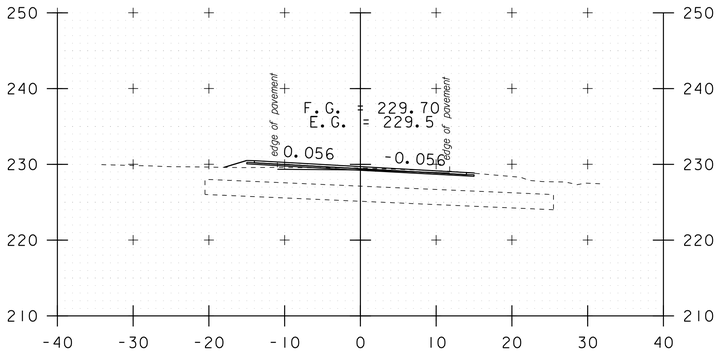
576+18



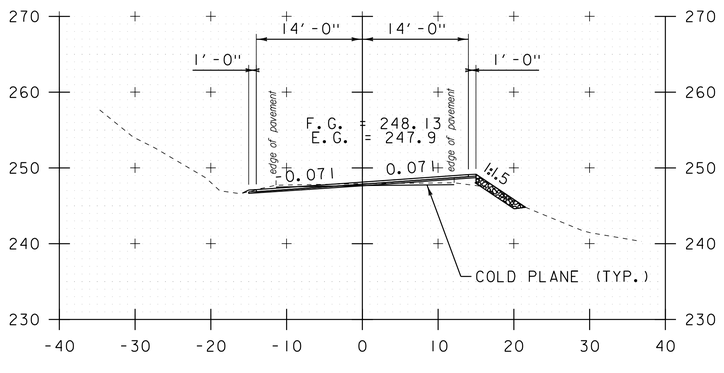
578+00



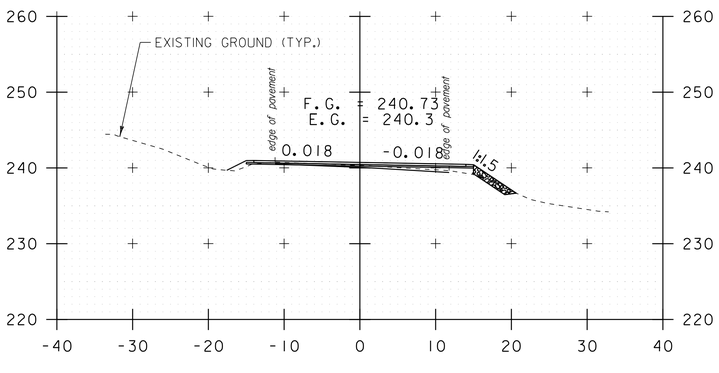
579+50



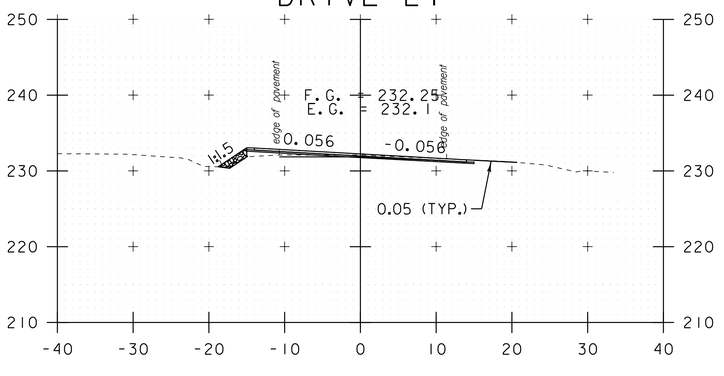
575+39



577+50



579+00
DRIVE LT



574+50

576+61

578+50

STA. 574+50 TO STA. 579+50

SCALE 1" = 10'-0
10 0 10

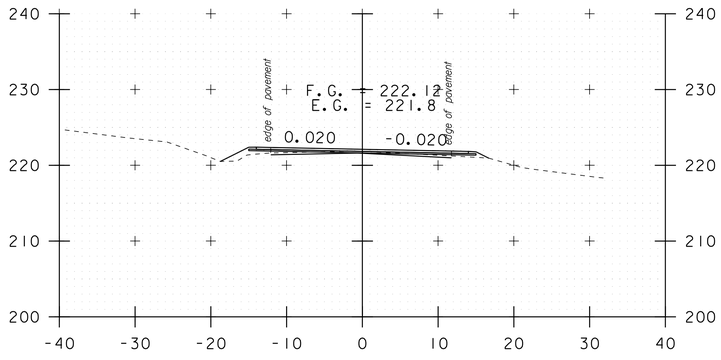
CROSS SECTION SHEET 18

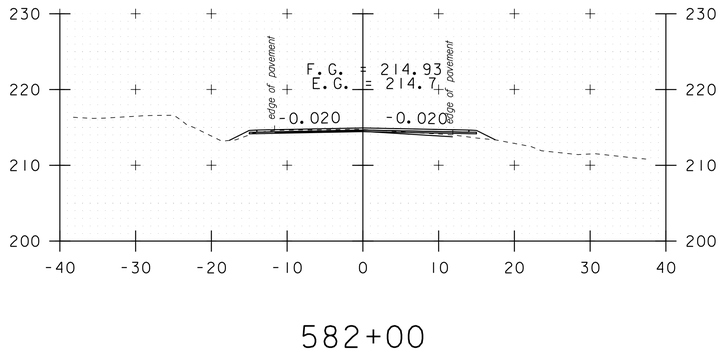
DATUM
NAVD 88
NAD 83

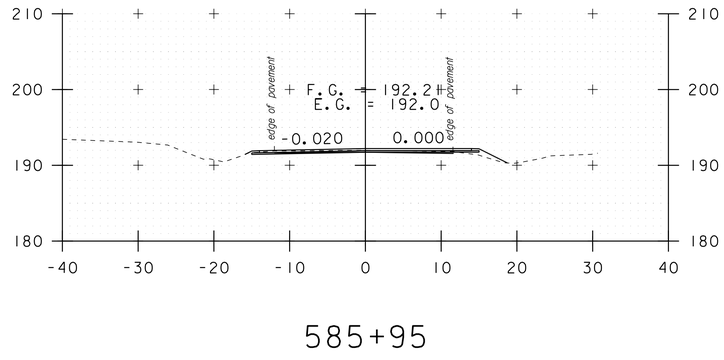
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_123.i

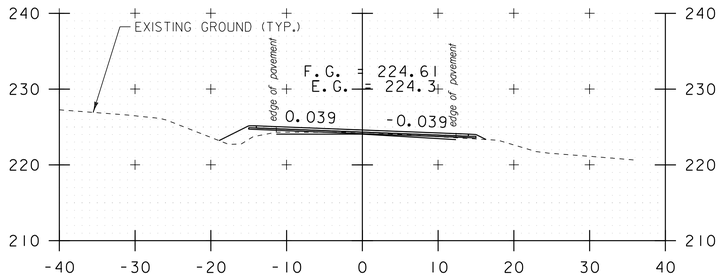
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 123 OF 186



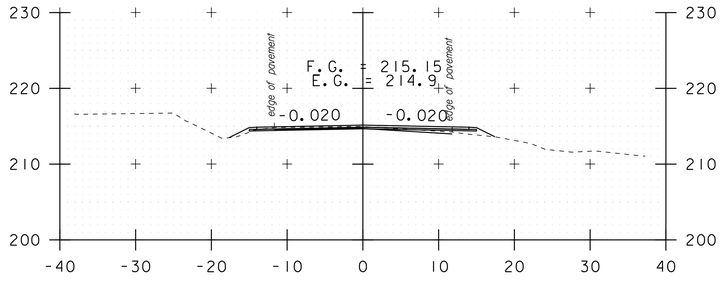




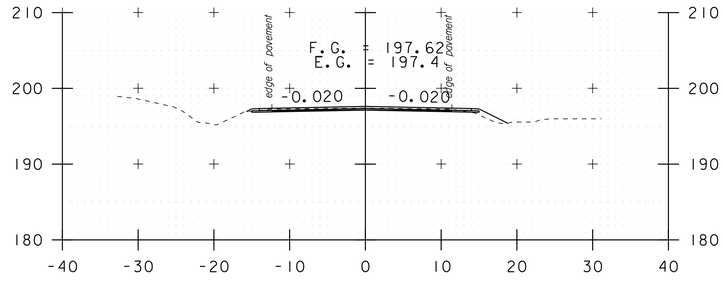
580+45



582+00



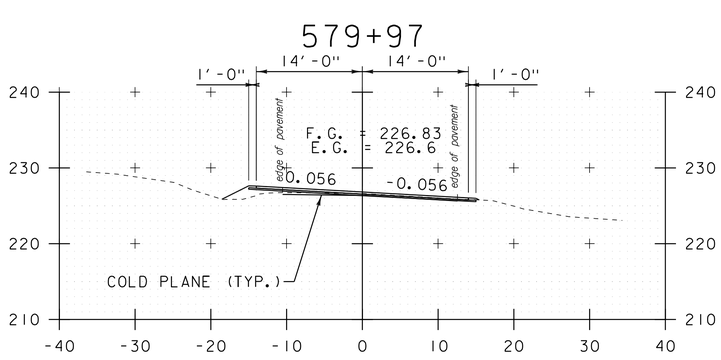
585+95

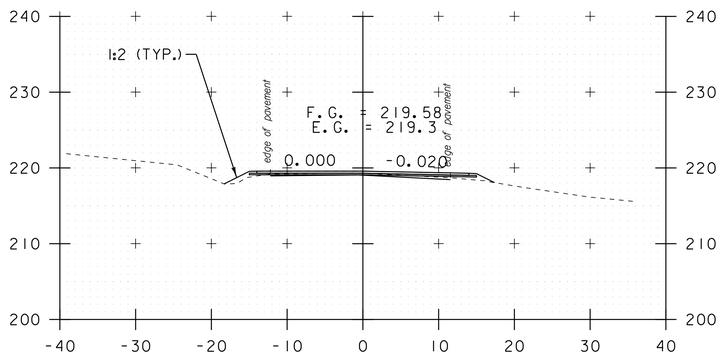


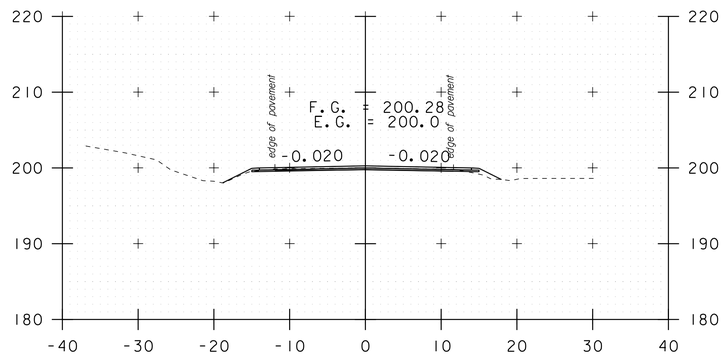
581+95

584+95

579+97







579+55

580+95

584+50

STA. 579+55 TO STA. 585+95

SCALE 1" = 10'-0

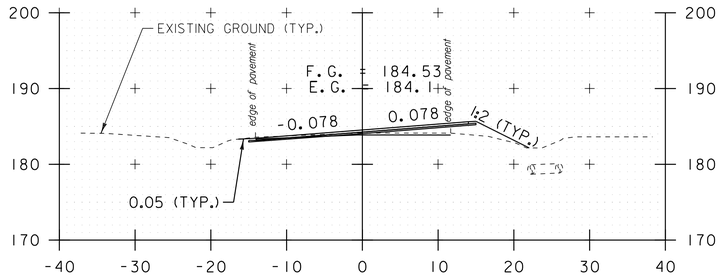
10 0 10

CROSS SECTION SHEET 19

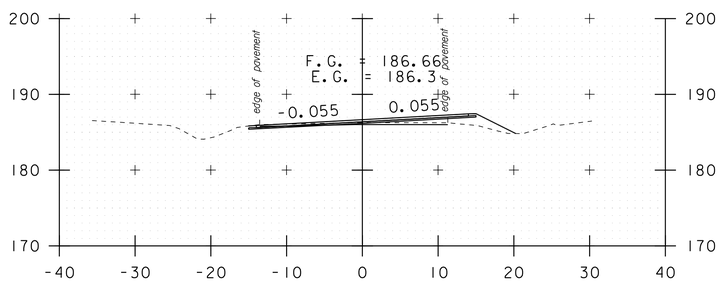
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_124.i

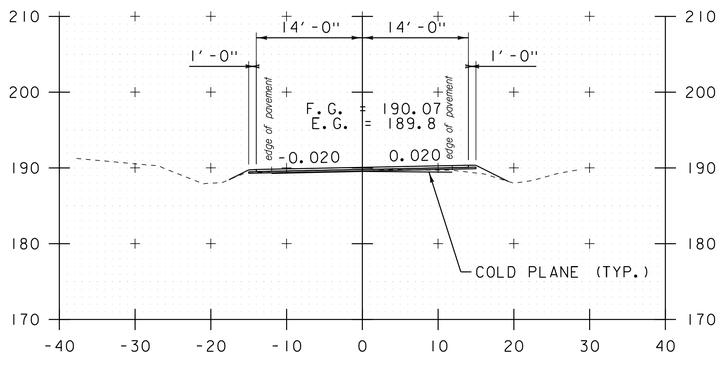
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 124 OF 186



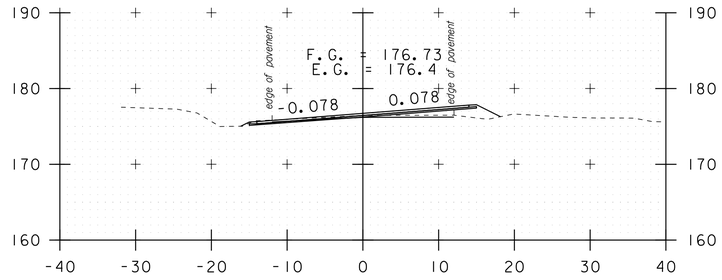
587+65



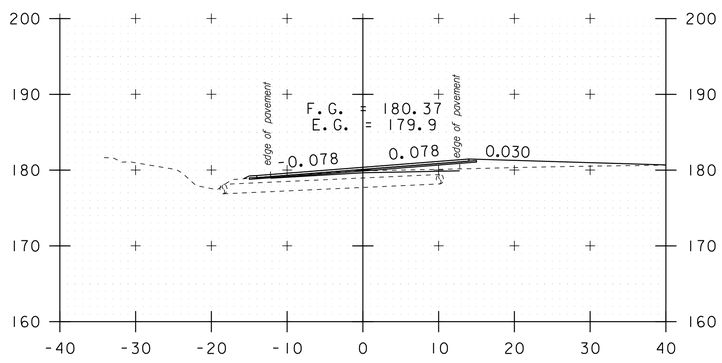
587+15



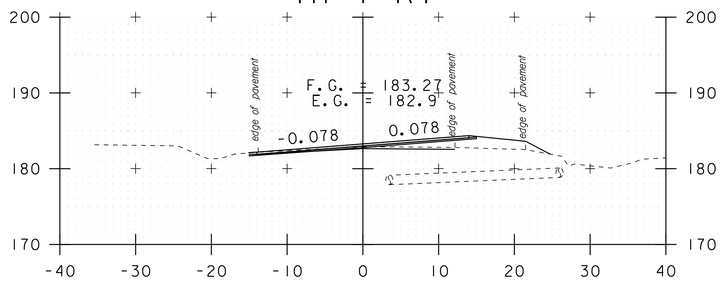
586+39



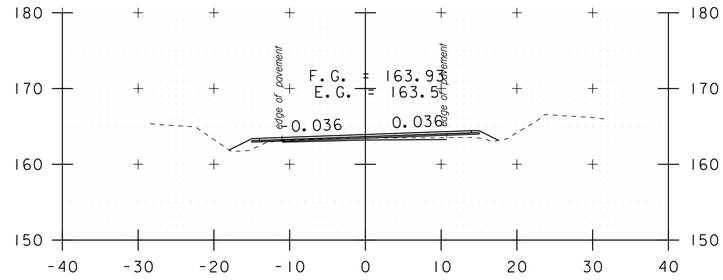
a 1+00



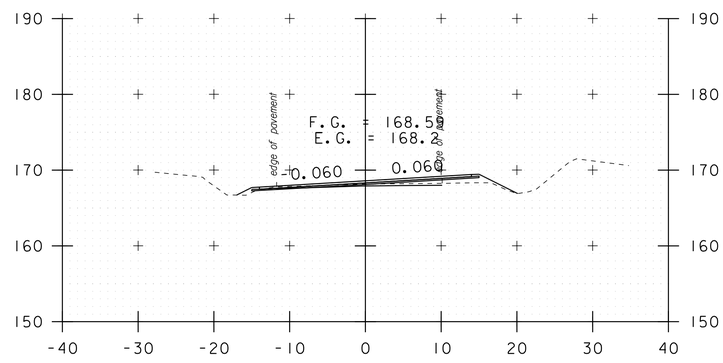
a 0+50
TH#1 RT



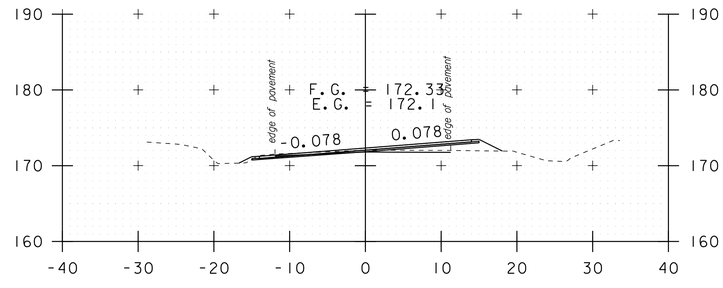
587+92



a 2+40



a 1+90



a 1+50

DATUM	NAVD 88
DATUM	NAD 83
DATUM	NAVD 88
	NAD 83

STA. 586+39 TO STA. a 2+40

SCALE 1" = 10'-0

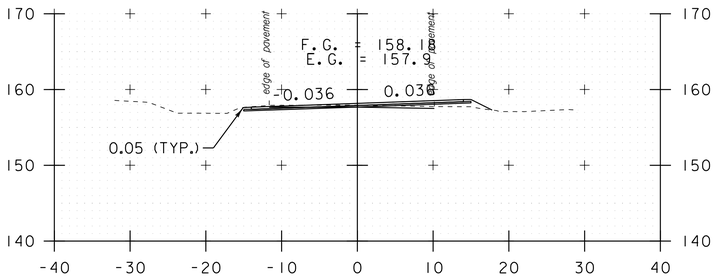
10 0 10

CROSS SECTION SHEET 20

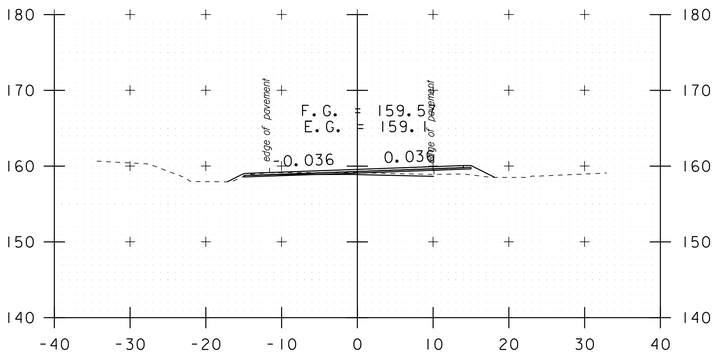
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_125.i

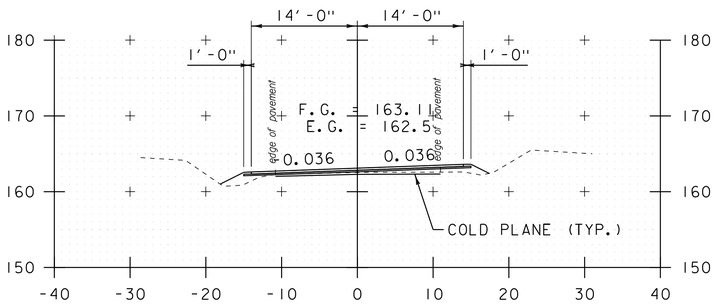
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 125 OF 186



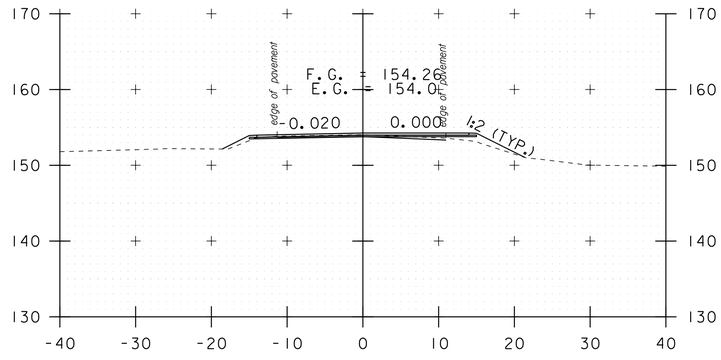
a 3+25



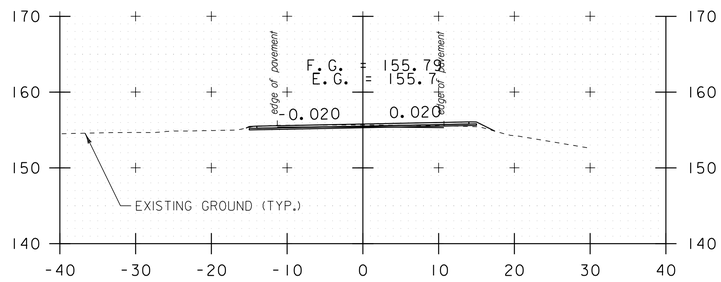
a 3+00



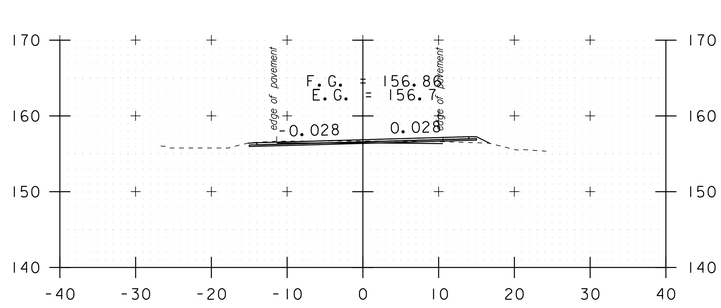
a 2+50



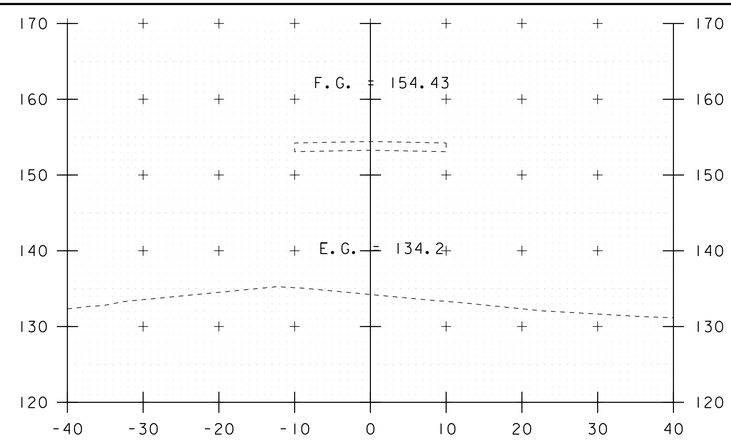
a 4+65



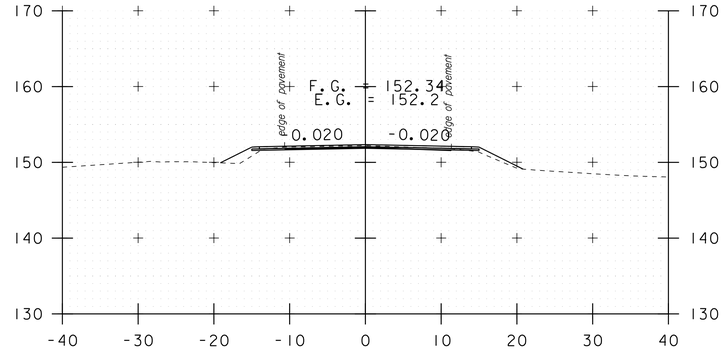
a 3+87



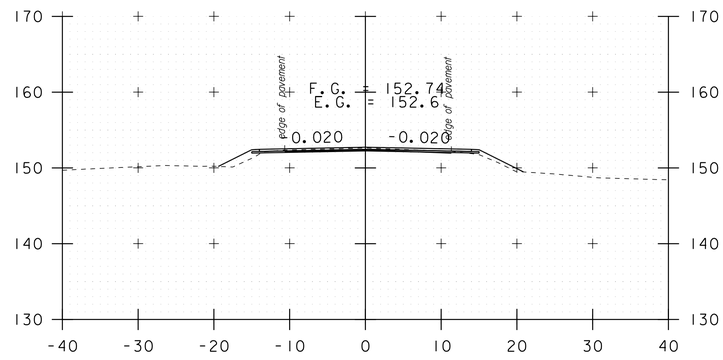
a 3+54



a 11+00
BRIDGE SECTION



a 6+00



a 5+65

STA. a 2+50 TO STA. a 11+00

SCALE 1" = 10'-0
10 0 10

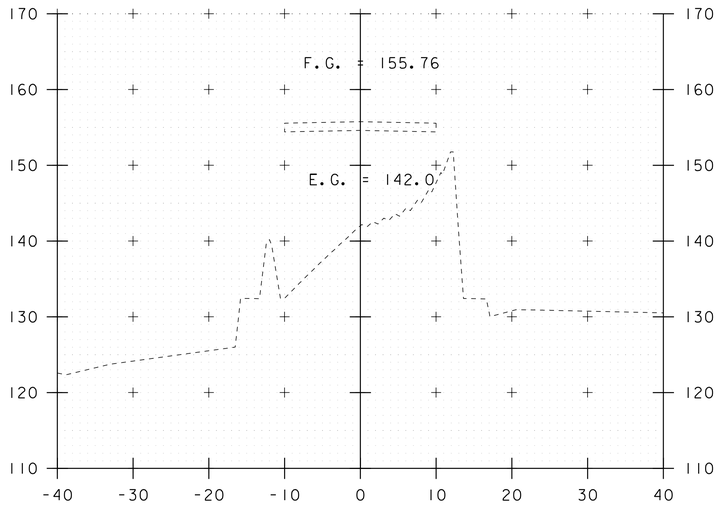
DATUM
NAVD 88
NAD 83

CROSS SECTION SHEET 21

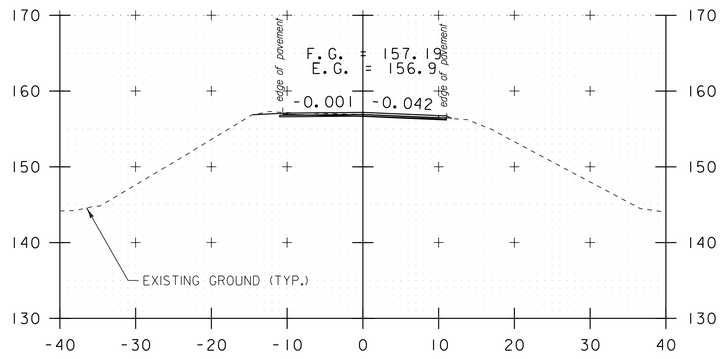
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_126.i

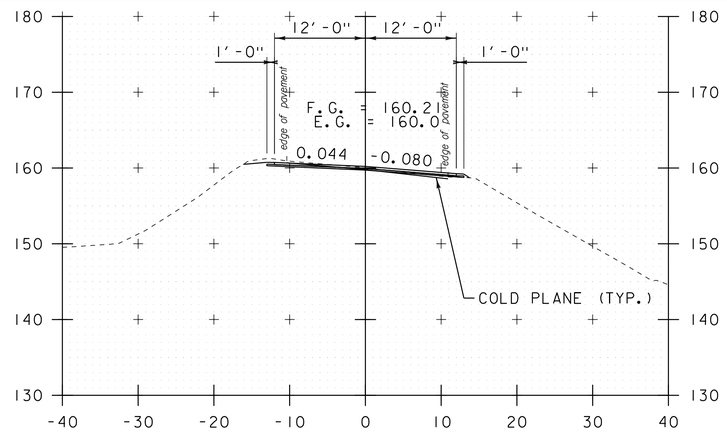
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 126 OF 186



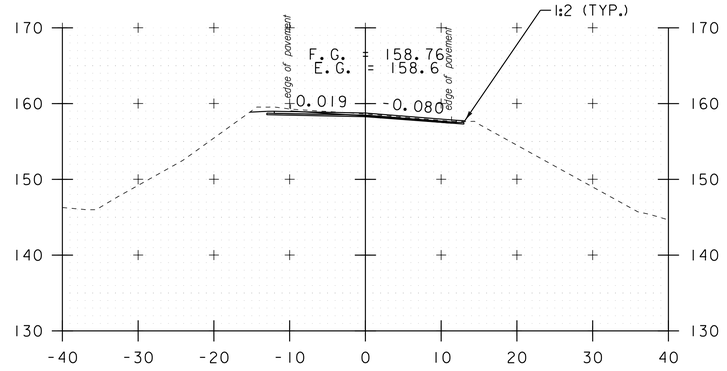
b 0+85



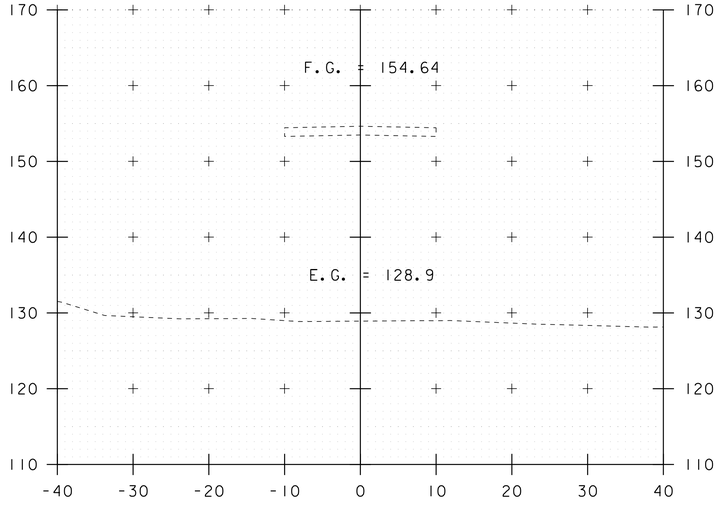
b 2+12



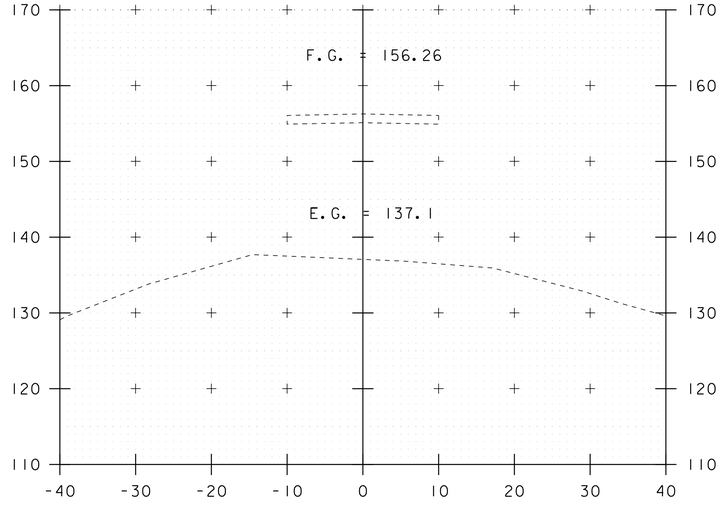
b 3+50



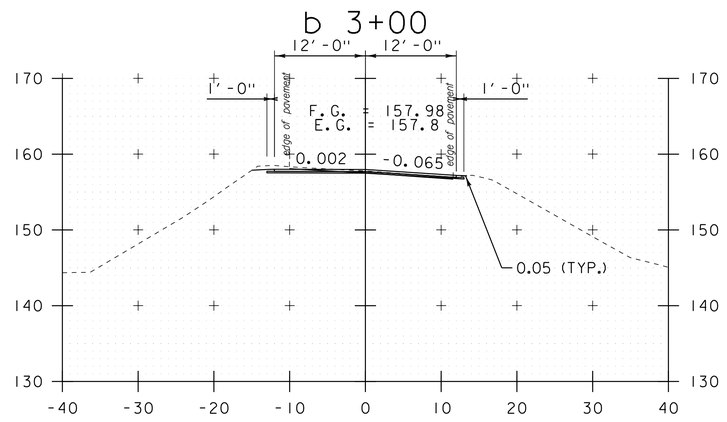
b 3+00



b 0+85
BRIDGE SECTION



b 2+12



b 3+00

a 11+19
BRIDGE SECTION

b 1+30
BRIDGE SECTION

b 2+65

STA. a 11+19 TO STA. b 3+50

SCALE 1" = 10'-0
10 0 10

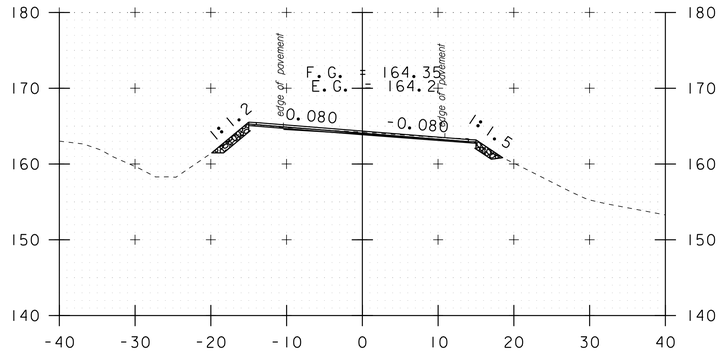
DATUM
NAVD 88
NAD 83

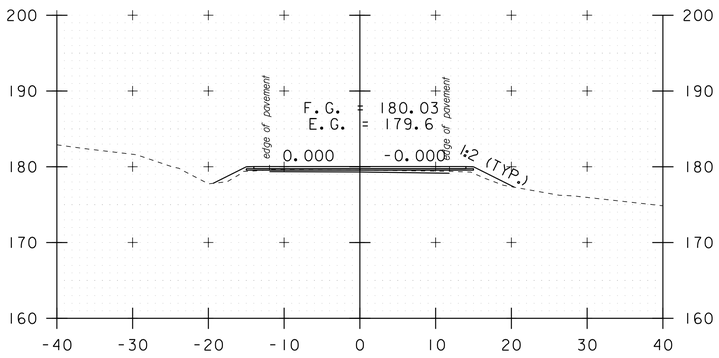
CROSS SECTION SHEET 22

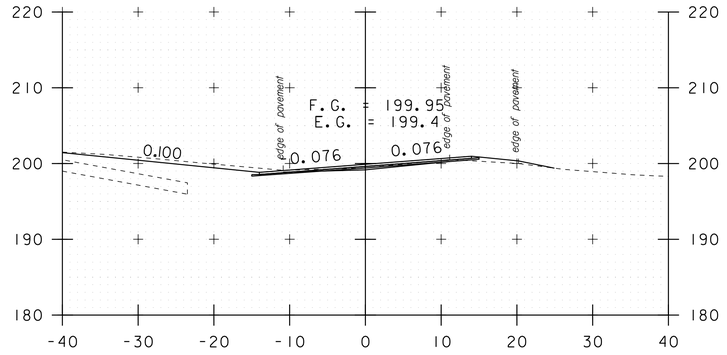
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_127.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 127 OF 186

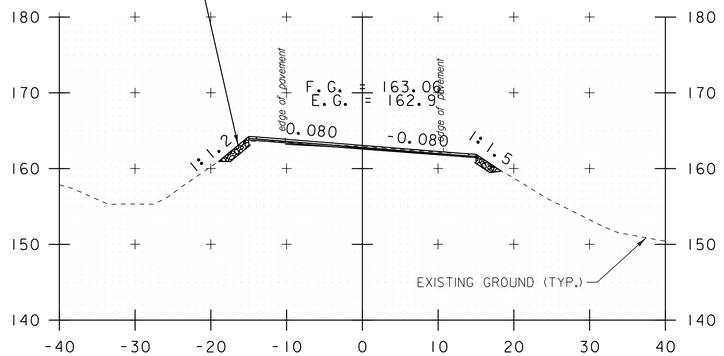




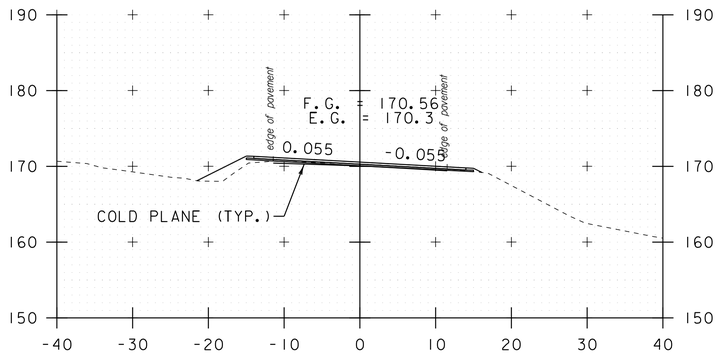


12" TYPE I STONE FILL (TYP.)
GEOTEXTILE UNDER STONE FILL (TYP.)

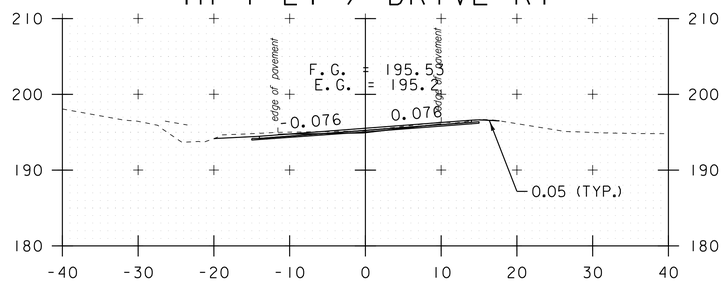
b 4+50



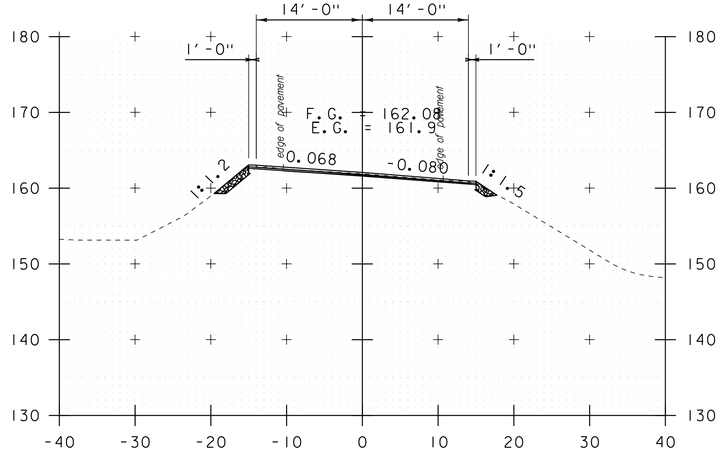
b 6+80



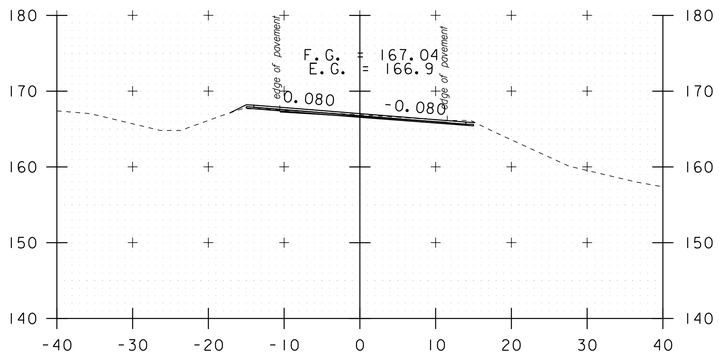
b 9+00
TH#1 LT / DRIVE RT



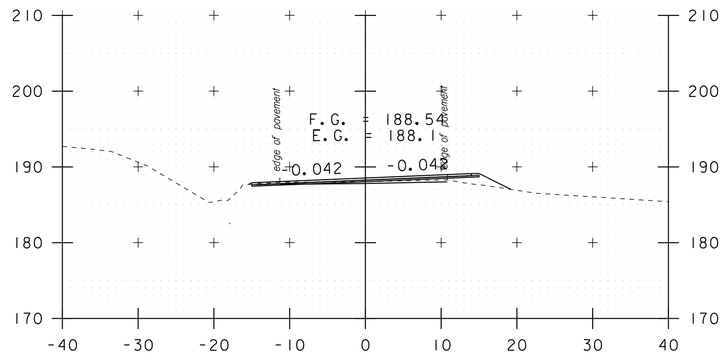
b 4+25



b 5+57



b 8+50



b 4+00

b 5+00

b 7+73
DRIVE RT

DATUM
NAVD 88
NAD 83

STA. b 4+00 TO STA. b 9+00

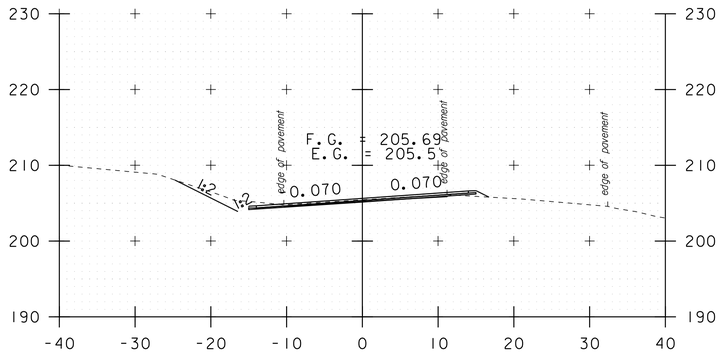
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 23

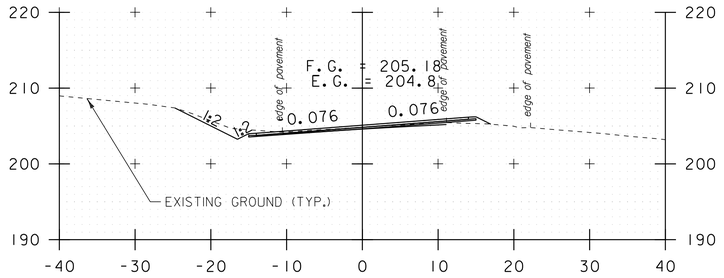
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_128.i

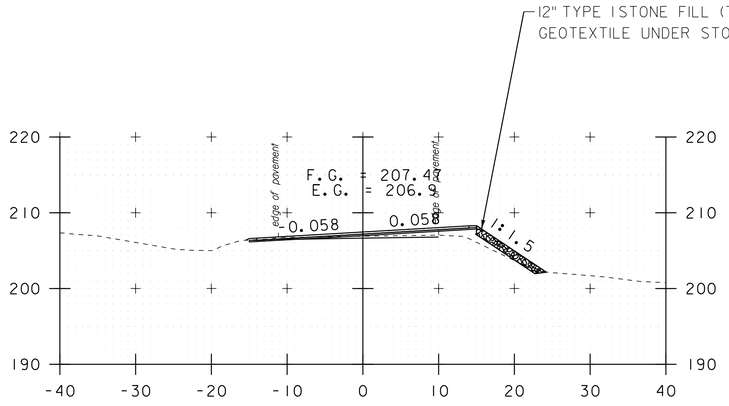
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 128 OF 186



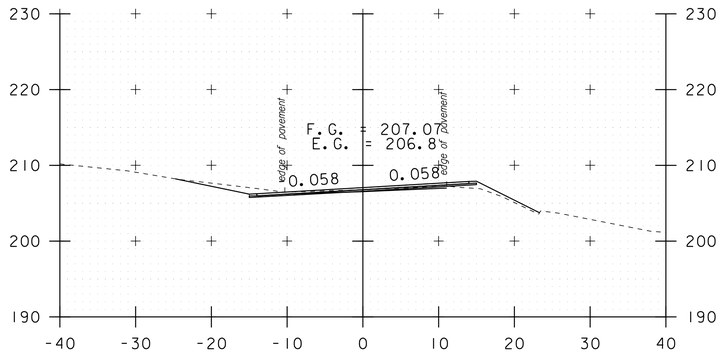
b 9+98



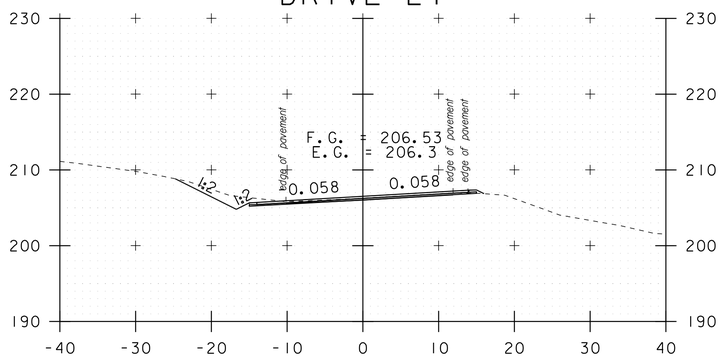
b 9+50



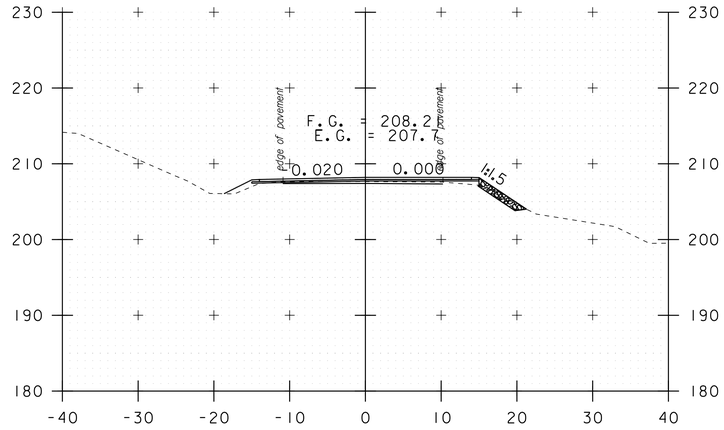
b 11+00



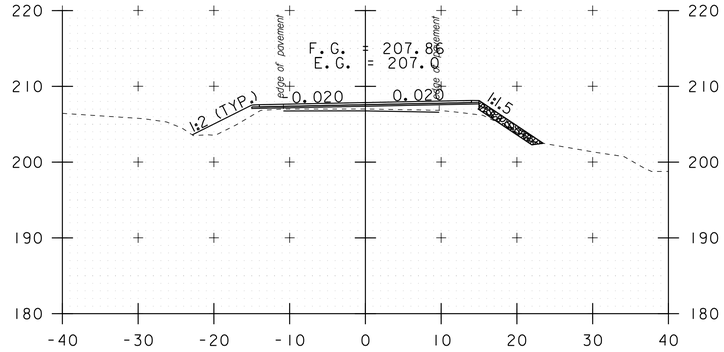
b 10+50
DRIVE LT



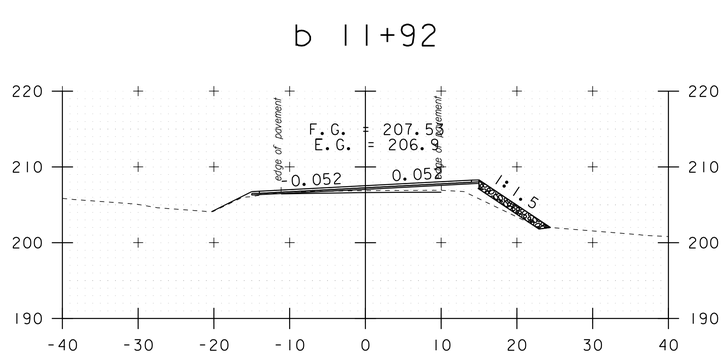
b 10+25



b 12+40



b 11+92



b 11+14

STA. b 9+50 TO STA. b 12+40

SCALE 1" = 10'-0
10 0 10

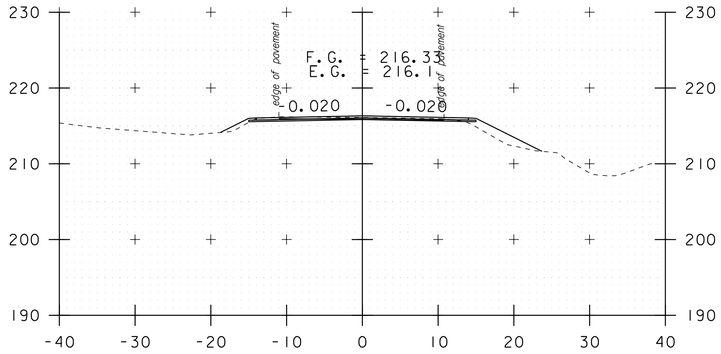
DATUM
NAVD 88
NAD 83

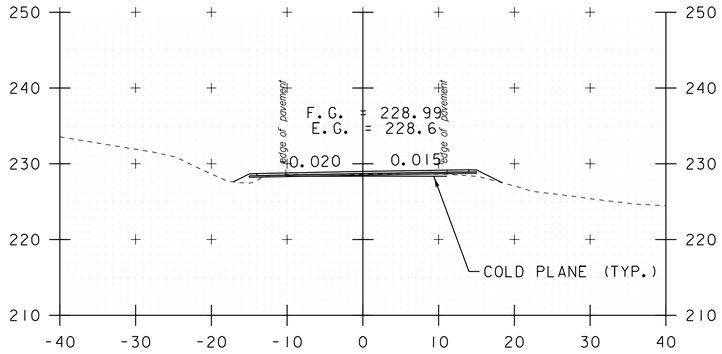
CROSS SECTION SHEET 24

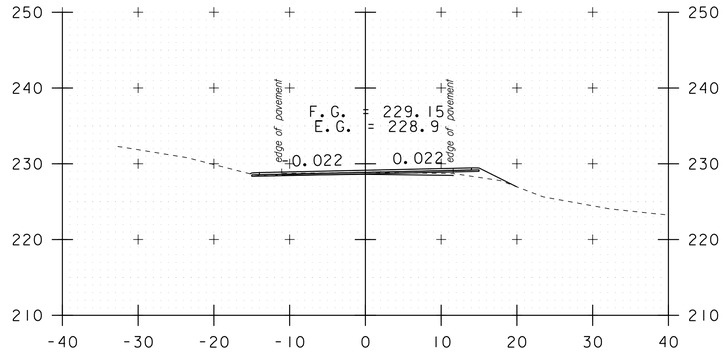
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_129.i

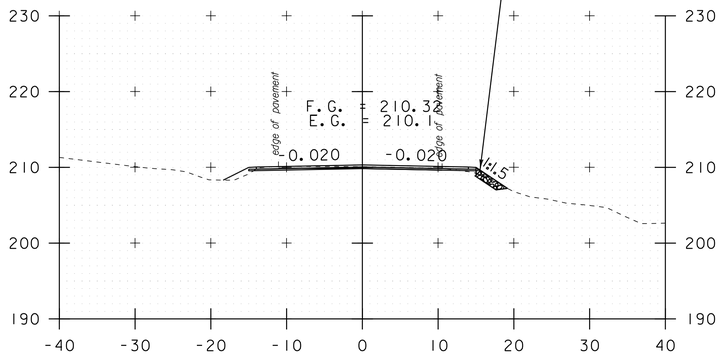
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 129 OF 186



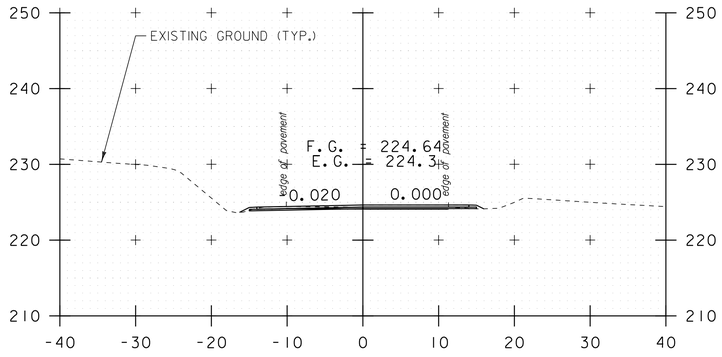




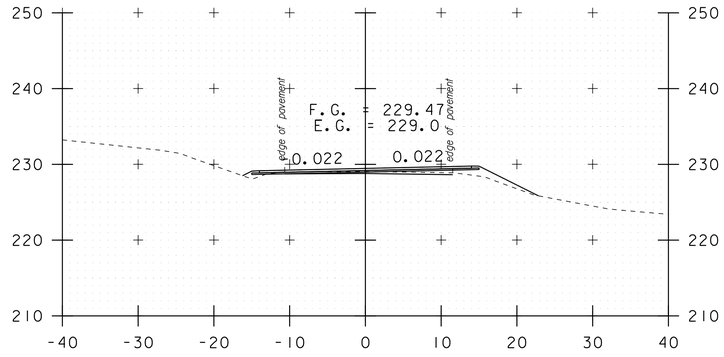
b 15+00



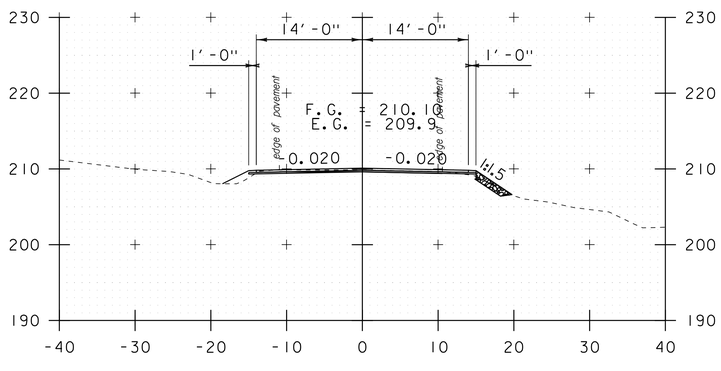
b 17+18



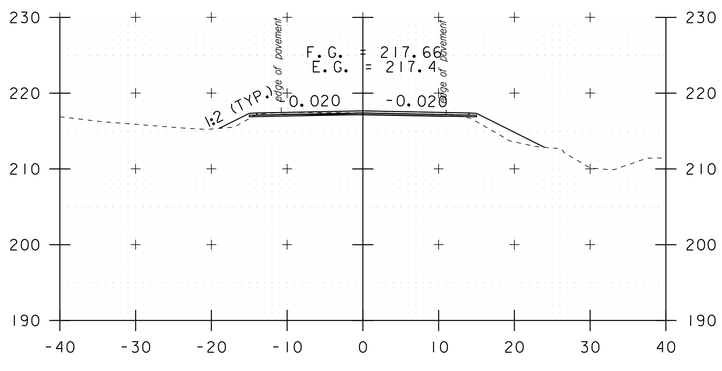
b 18+00



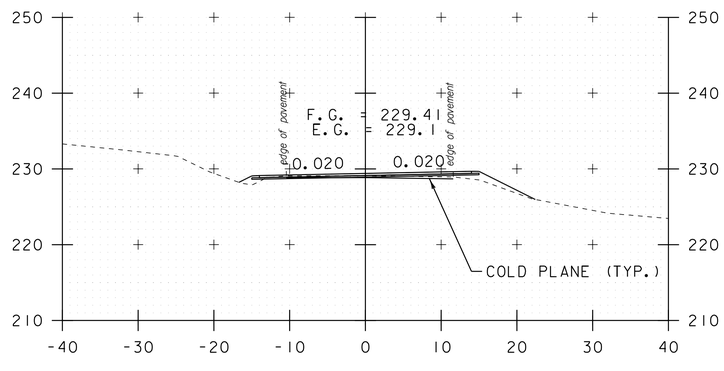
b 13+50



b 16+20



b 17+60



b 13+40

b 15+20

b 17+47

STA. b 13+40 TO STA. b 18+00

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

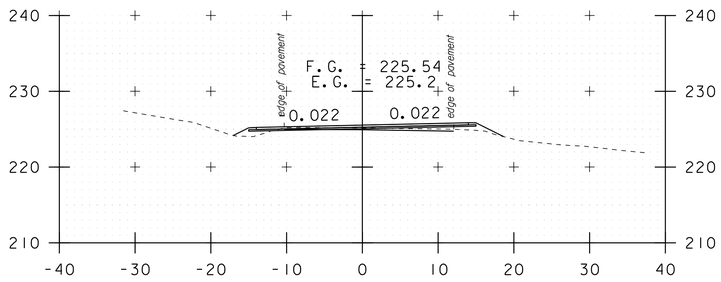
CROSS SECTION SHEET 25

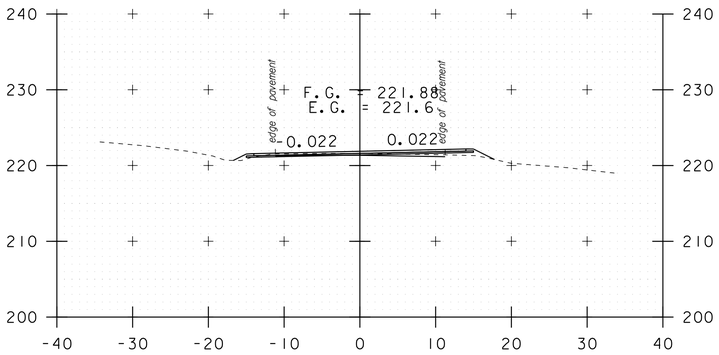
PROJECT NAME: ADDISON-NEW HAVEN

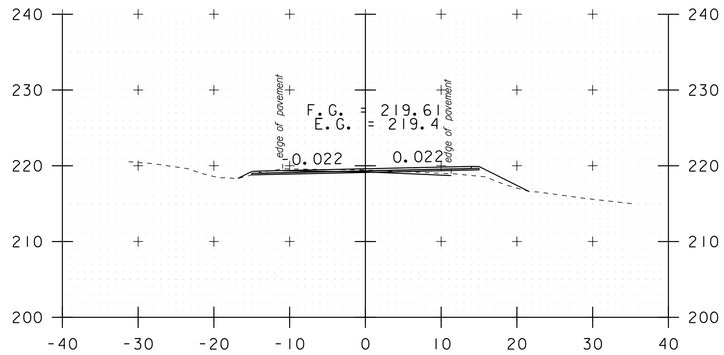
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_130.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 130 OF 186

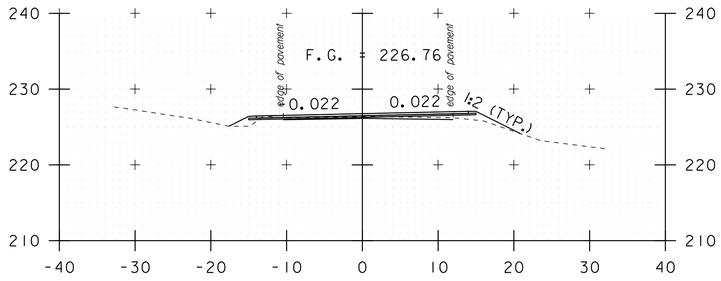




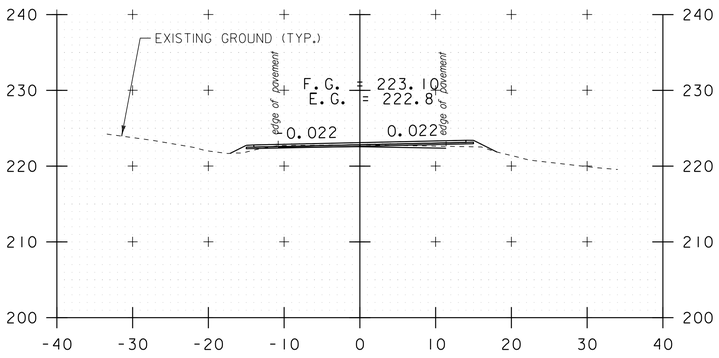


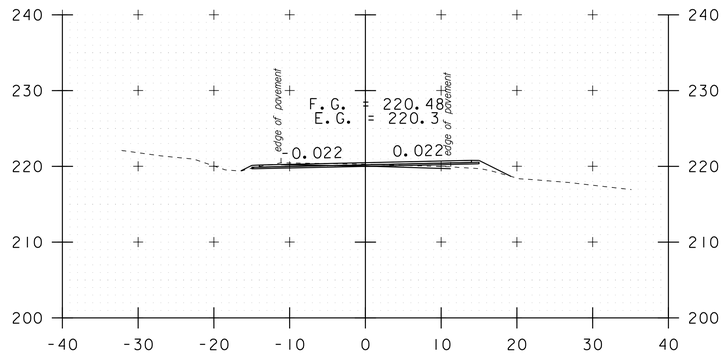
b 22+00

b 19+50



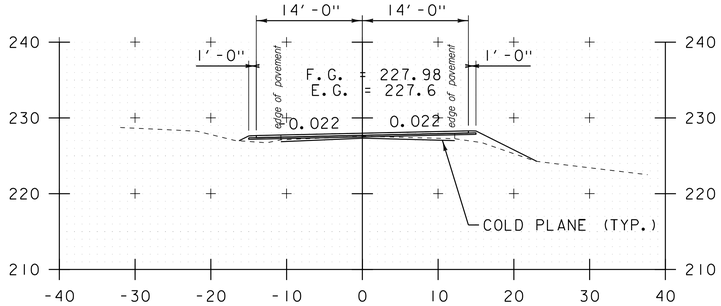
b 21+00



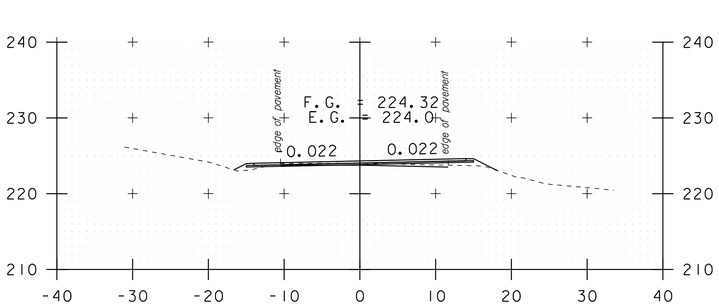


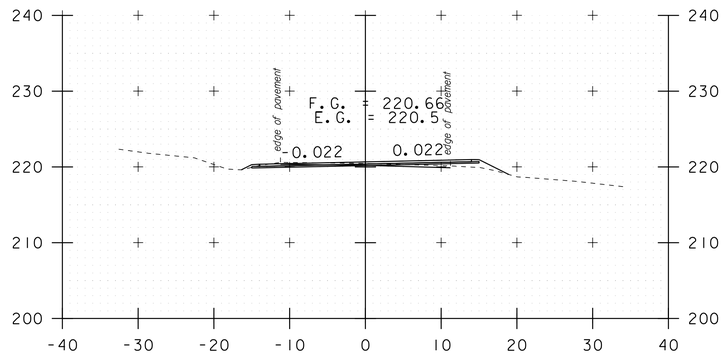
b 21+58

b 19+00



b 20+50





b 18+50

b 20+00

b 21+50

STA. b 18+50 TO STA. b 22+00

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

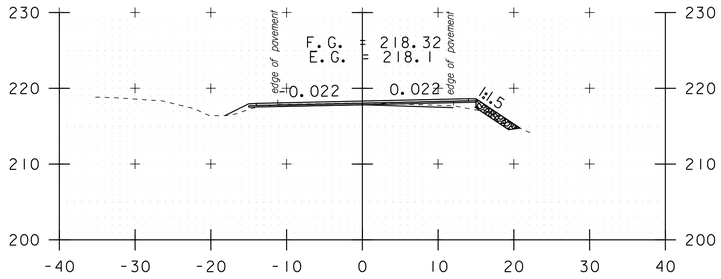
CROSS SECTION SHEET 26

PROJECT NAME: ADDISON-NEW HAVEN

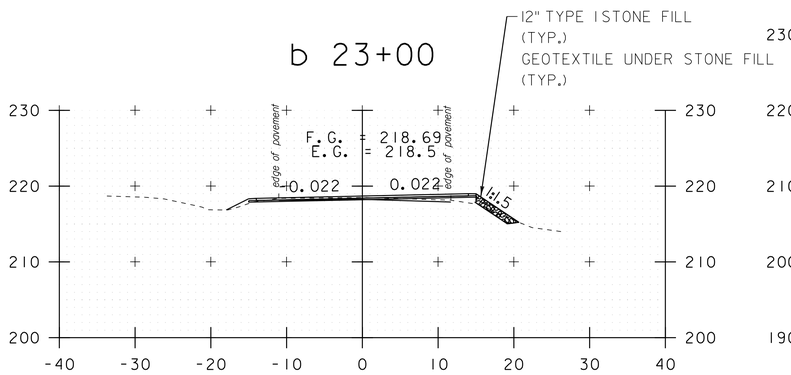
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_131.i

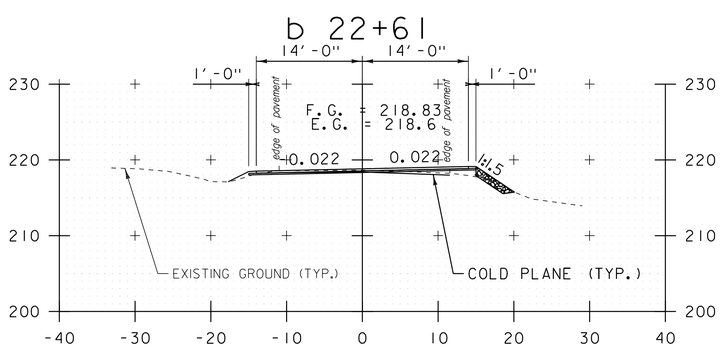
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 131 OF 186



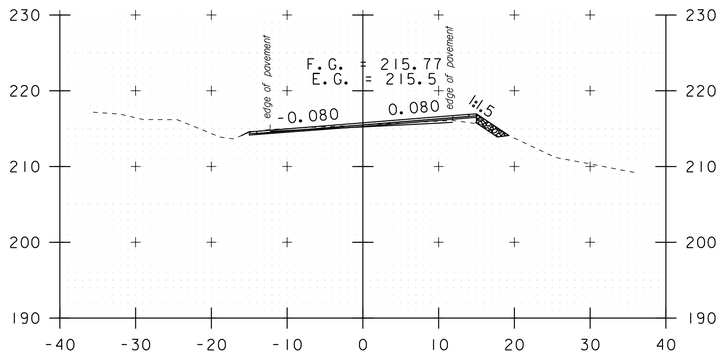
b 23+00



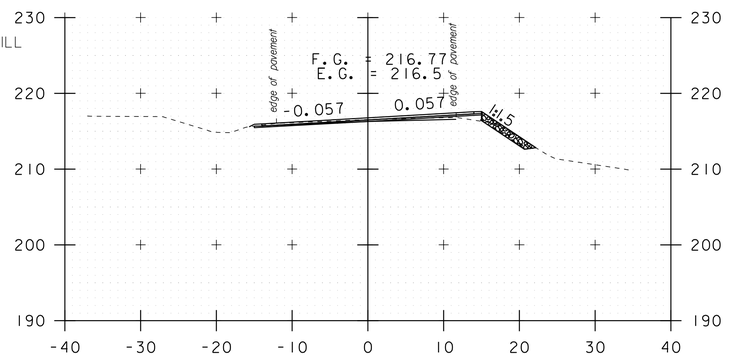
b 22+61



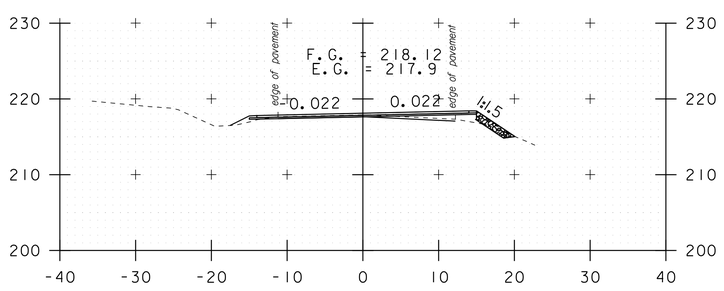
b 22+50



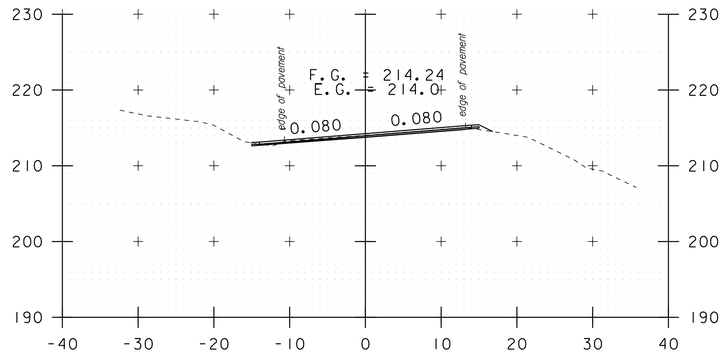
b 24+60



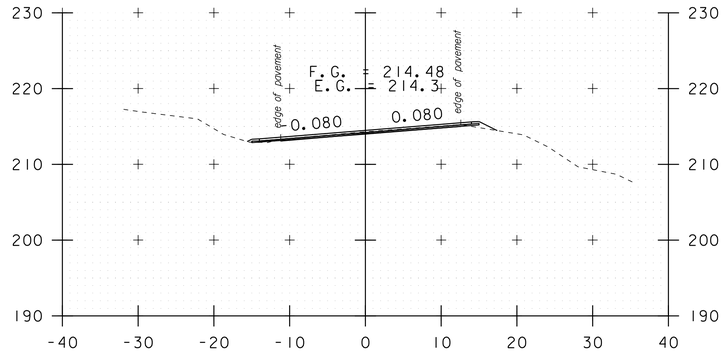
b 24+07



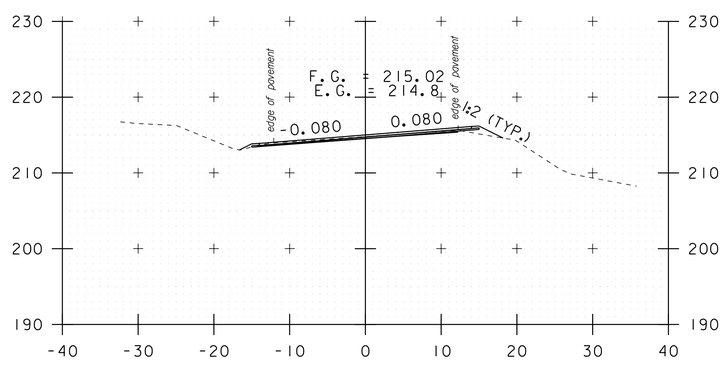
b 23+25



b 25+50



b 25+32



b 25+00

STA. b 22+50 TO STA. b 25+50

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

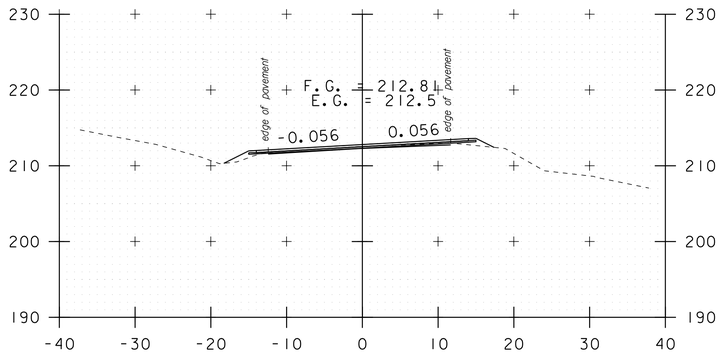
CROSS SECTION SHEET 27

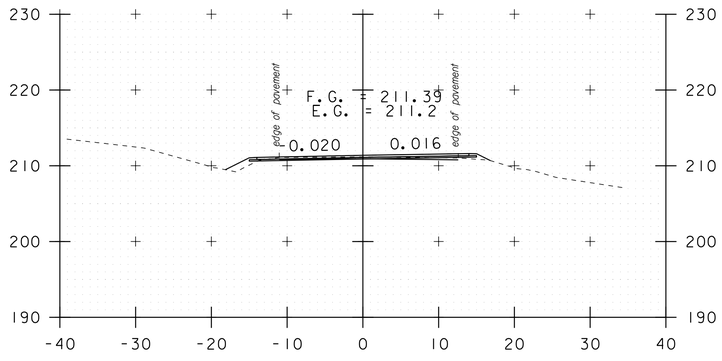
PROJECT NAME: ADDISON-NEW HAVEN

PROJECT NUMBER: STP 9632(1)

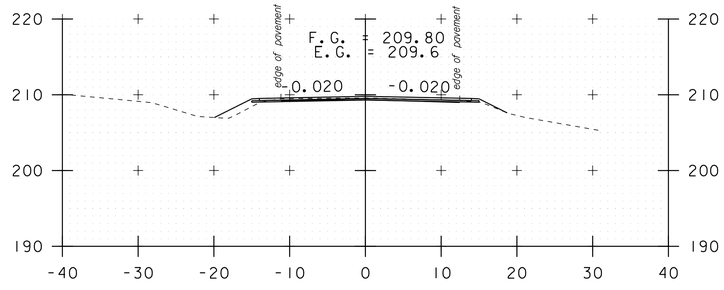
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_132.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 132 OF 186

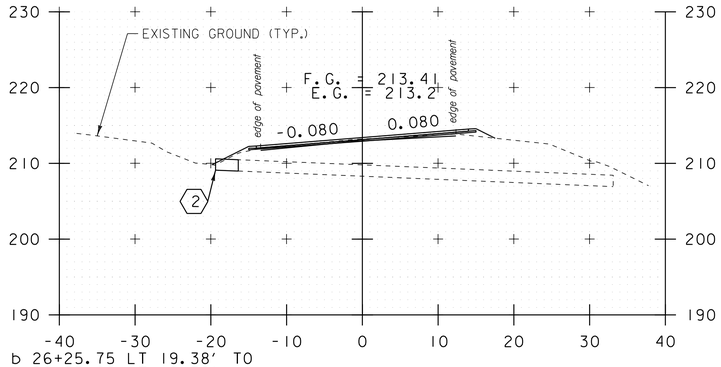




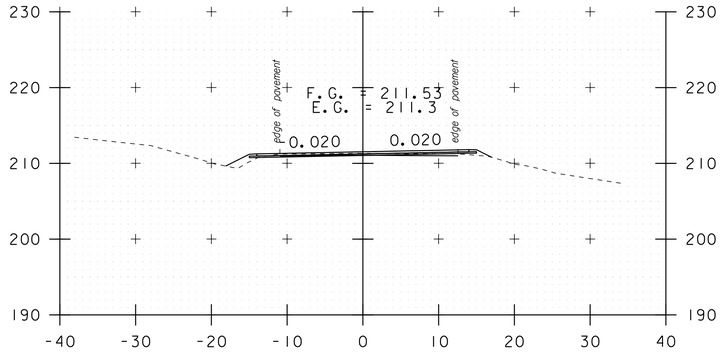
3 STA. b 30+13.35 LT 16.78' TO
STA. b 30+13.55 LT 18.77'
EXTEND 18" CSP (2'-0")
PROPOSED INV. IN = 206.02'
EXISTING INV. IN = 205.85'



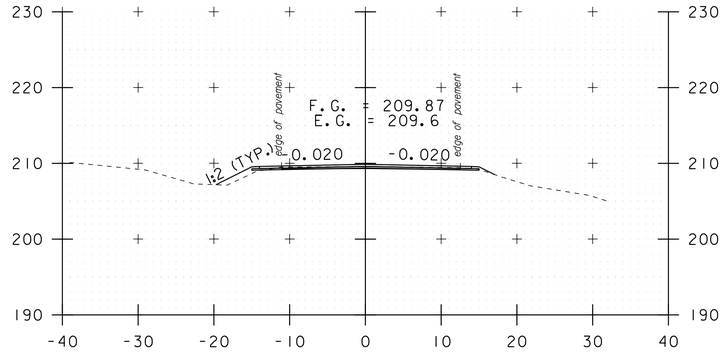
b 27+03



b 27+94

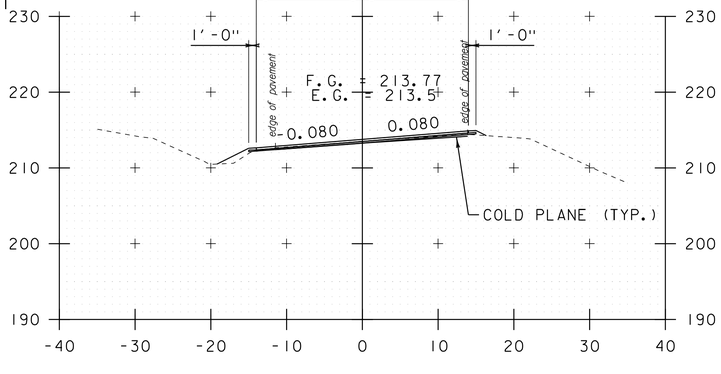


b 29+50

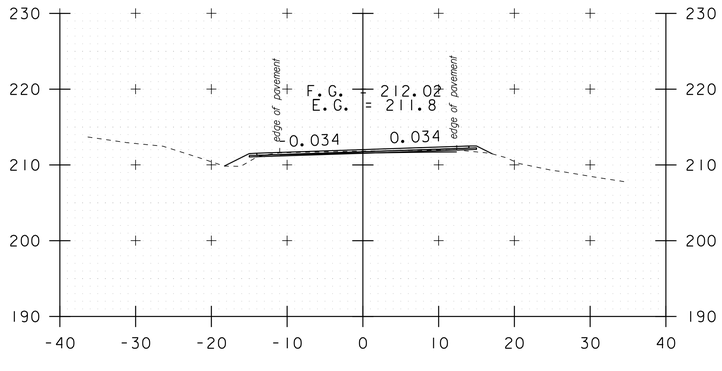


2 STA. b 26+25.75 LT 19.38' TO
STA. b 26+25.82 LT 16.38'
EXTEND 18" CSP (3'-0")
PROPOSED INV. IN = 209.10'
EXISTING INV. IN = 208.98'
ADD TYPE I STONE FILL AROUND INLET

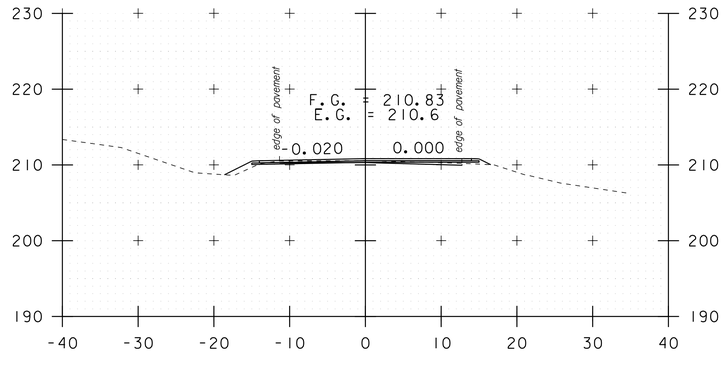
b 26+50



b 27+85



b 29+30



b 26+00

b 27+54

b 28+30

DATUM
NAVD 88
NAD 83

STA. b 26+00 TO STA. b 29+50

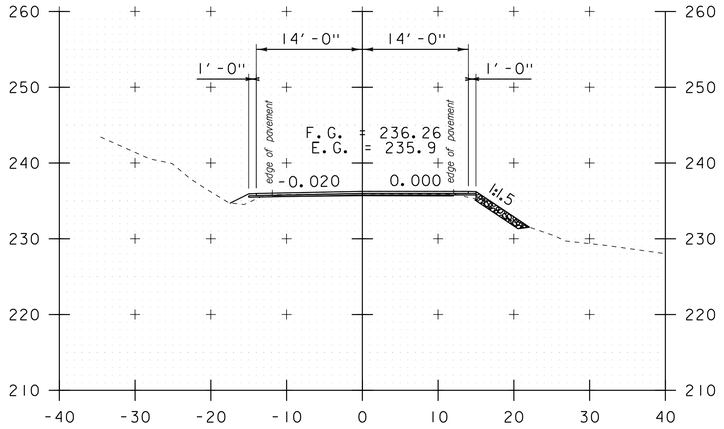
SCALE 1" = 10'-0
10 0 10

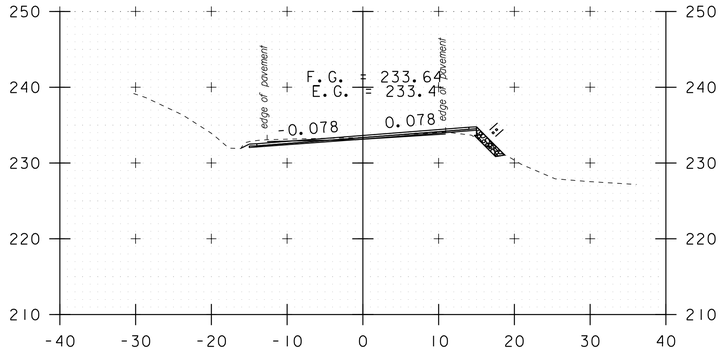
CROSS SECTION SHEET 28

PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

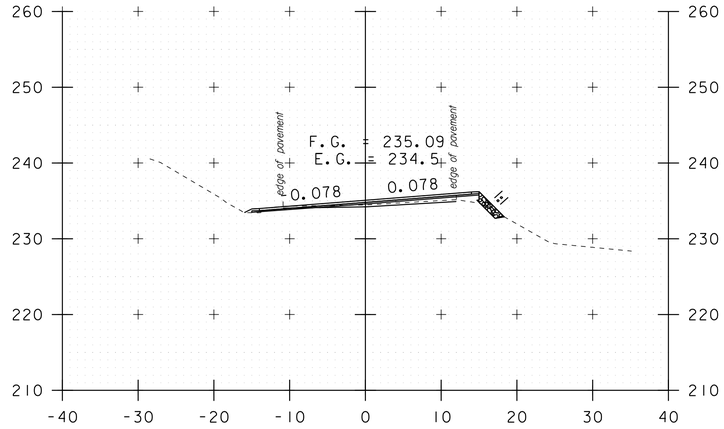
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_133.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 133 OF 186

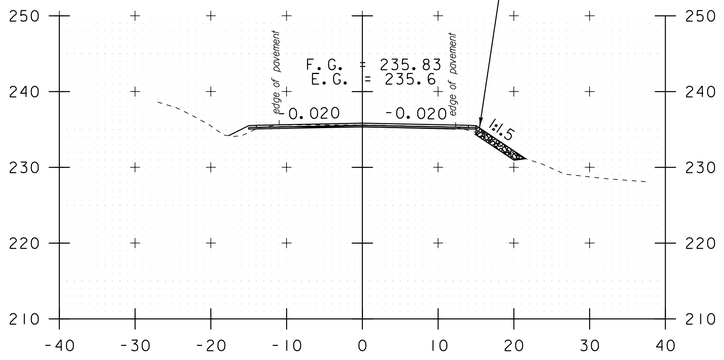


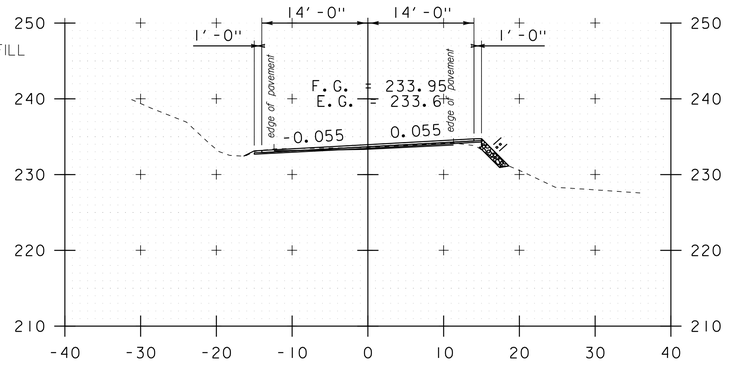


b 63+20

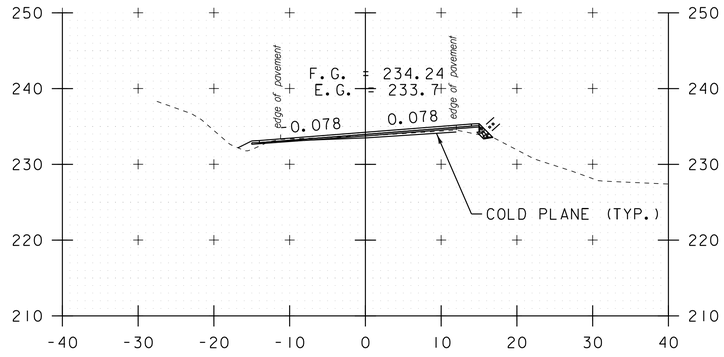


b 61+50

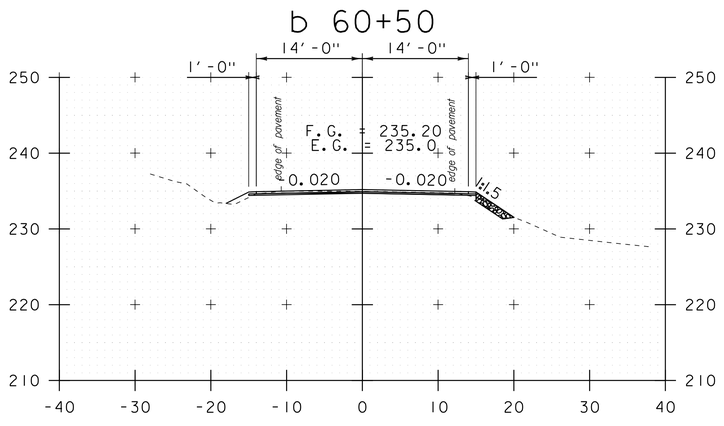


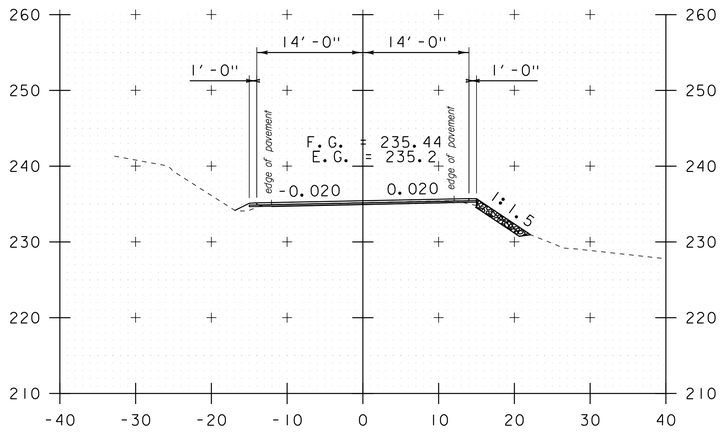


b 64+50

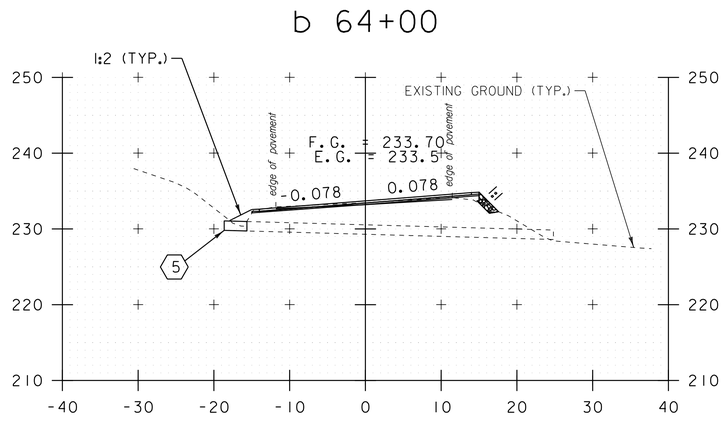


b 62+70





b 64+00



b 60+00

b 61+94

(5) STA. b 63+62.12 LT 15.32' TO
STA. b 63+62.26 LT 18.64'
EXTEND 15" CSP (3'-0")
PROPOSED INV. IN = 229.81'
EXISTING INV. IN = 229.73'

b 63+50

DATUM
NAVD 88
NAD 83

STA. b 60+00 TO STA. b 64+50

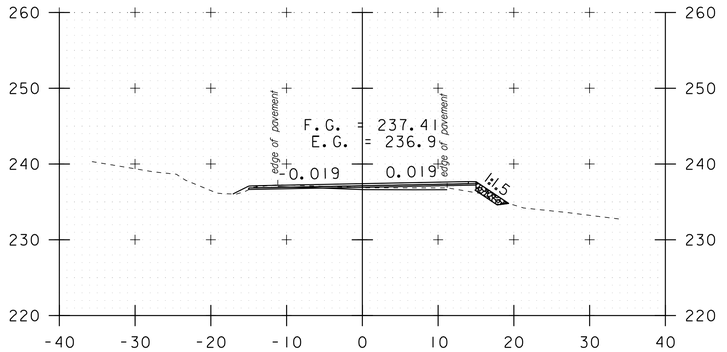
SCALE 1" = 10'-0
10 0 10

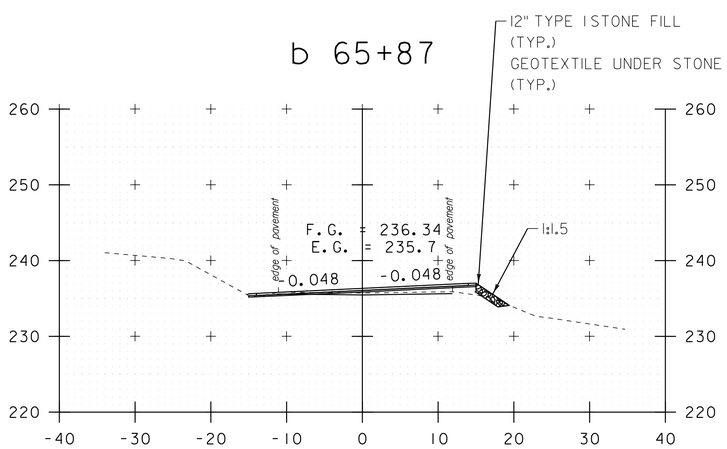
CROSS SECTION SHEET 29

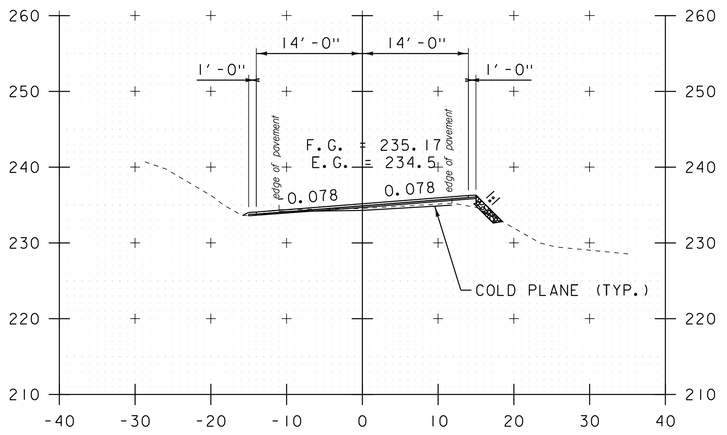
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(I)

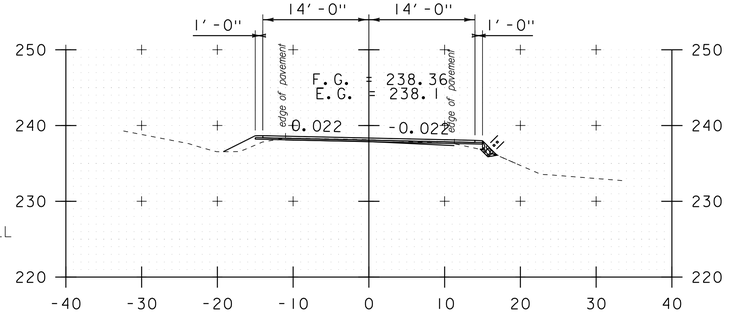
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_134.i

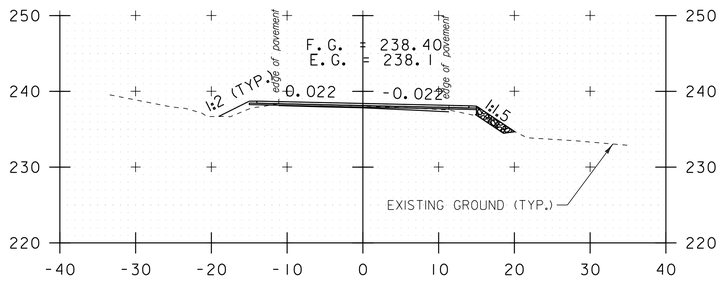
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 134 OF 186

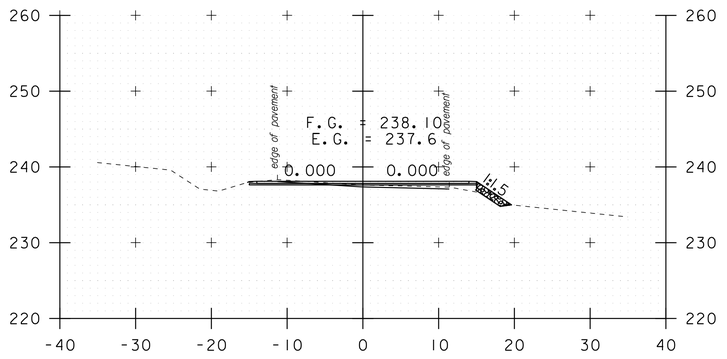


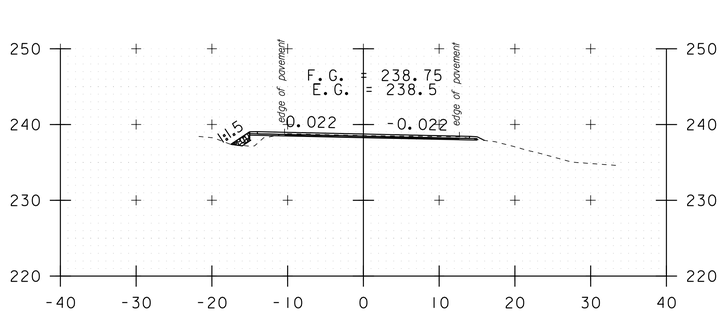




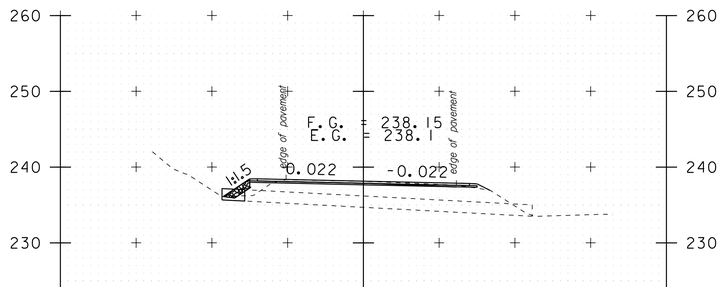


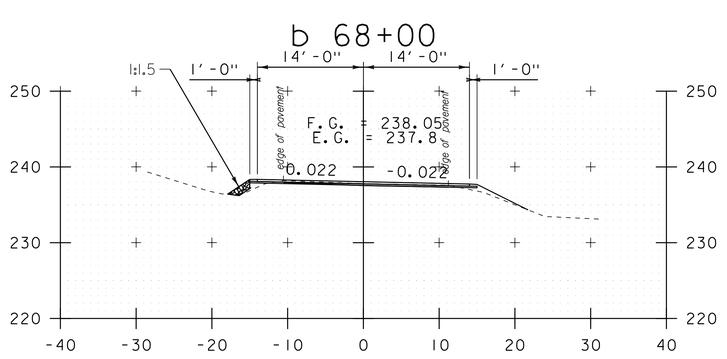






6 STA. b 68+09.39 LT 15.67' TO
STA. b 68+09.40 LT 18.69'
EXTEND 18" CSP (3'-0")
PROPOSED INV. IN = 235.67'
EXISTING INV. IN = 235.52'





b 64+55

b 66+30

b 67+50

DATUM
NAVD 88
NAD 83

STA. b 64+55 TO STA. b 68+50

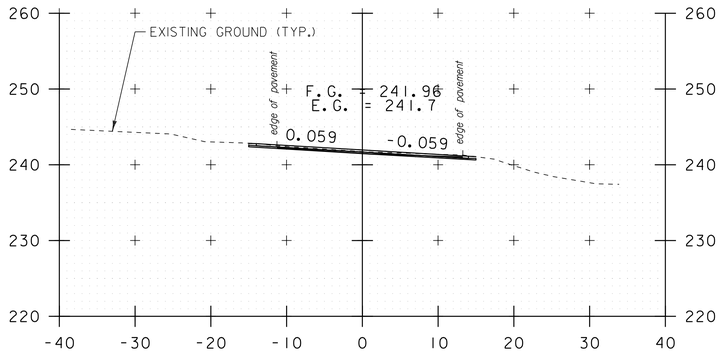
SCALE 1" = 10'-0
10 0 10

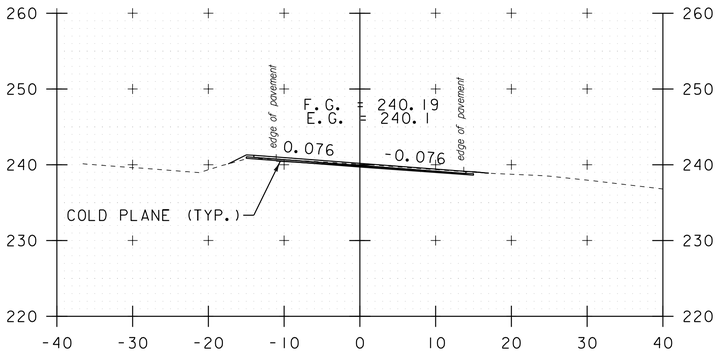
CROSS SECTION SHEET 30

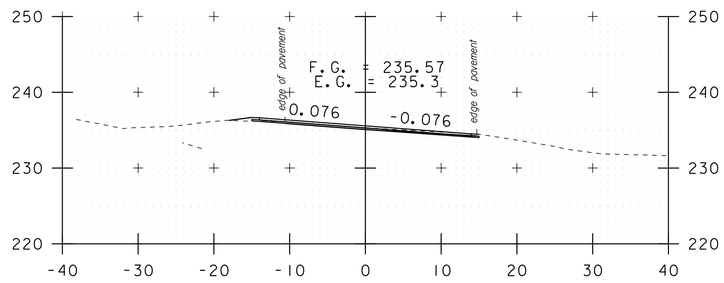
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_135.i

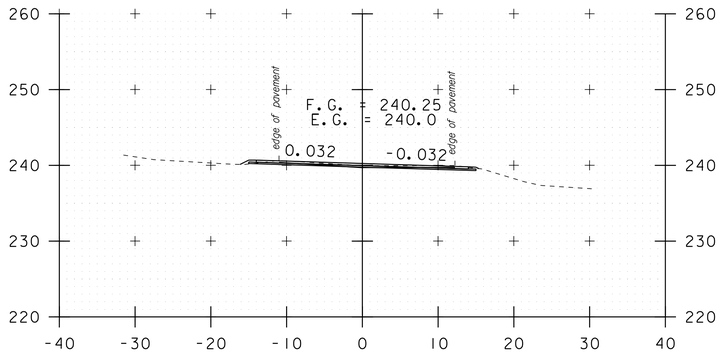
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 135 OF 186



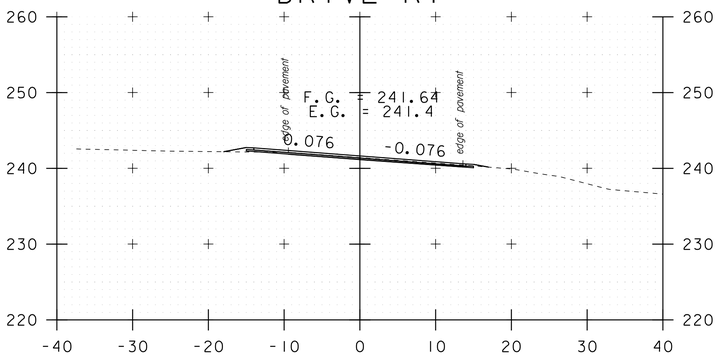




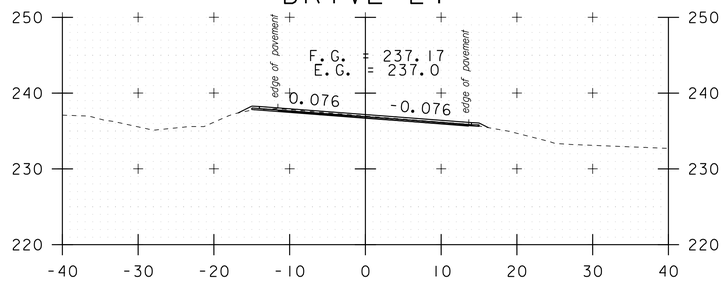
b 69+90



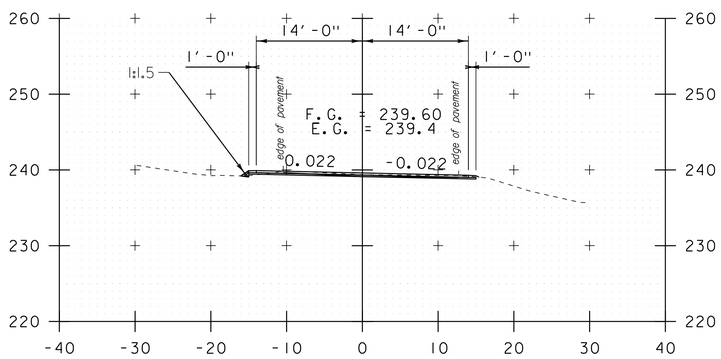
b 71+00
DRIVE RT



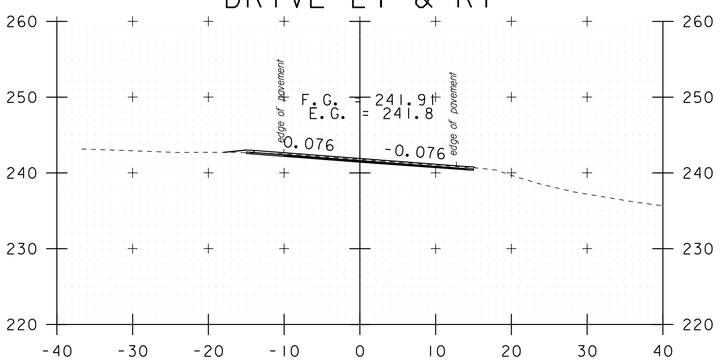
b 72+50
DRIVE LT



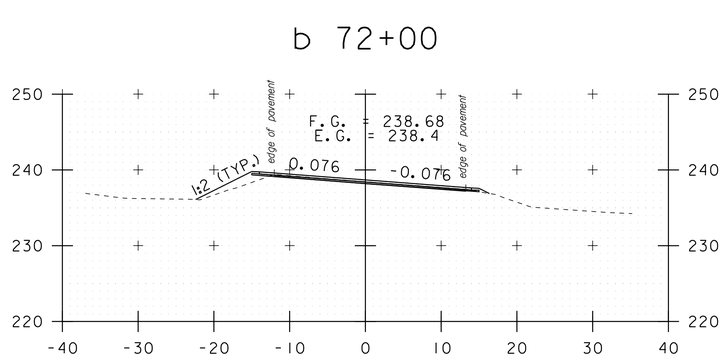
b 69+16



b 70+50
DRIVE LT & RT



b 72+00



b 68+90

b 70+35
DRIVE LT

b 71+50

STA. b 68+90 TO STA. b 72+50

SCALE 1" = 10'-0
10 0 10

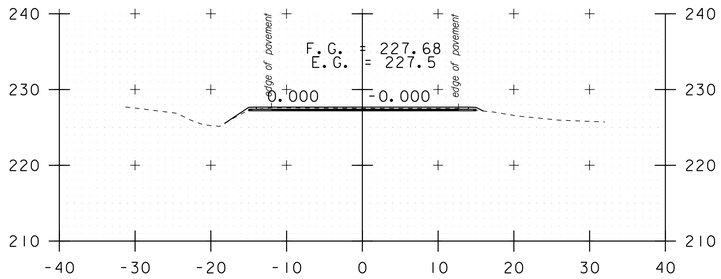
DATUM
NAVD 88
NAD 83

CROSS SECTION SHEET 31

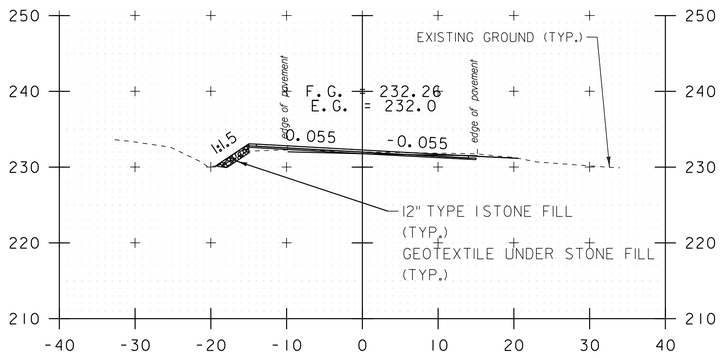
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_136.1

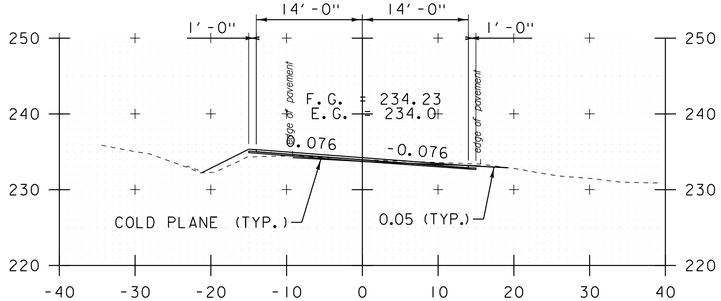
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 136 OF 186



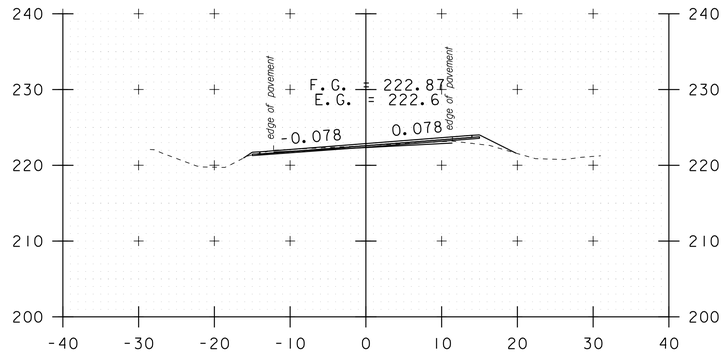
b 74+55



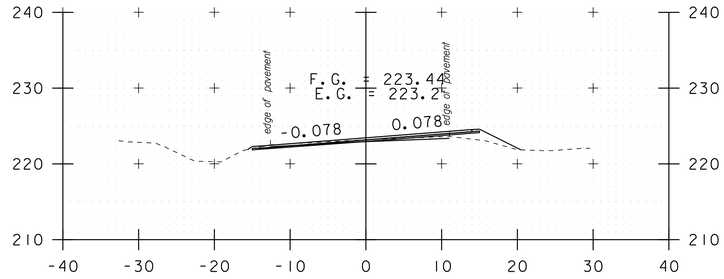
b 73+31



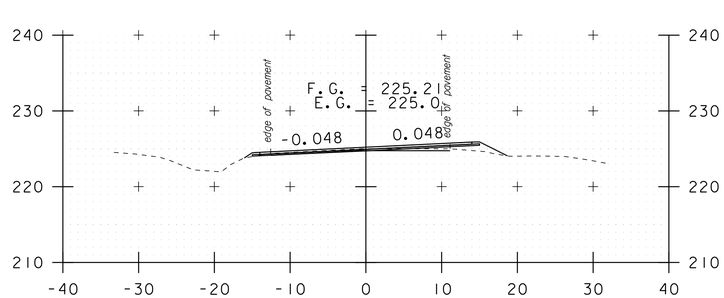
b 72+85



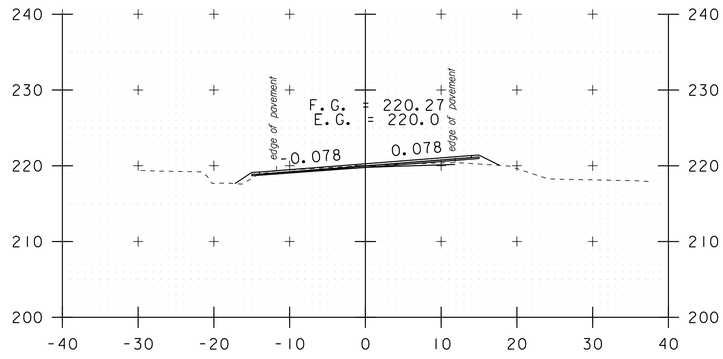
b 76+50



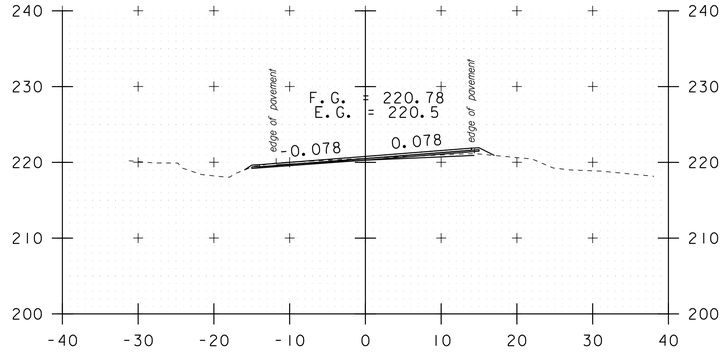
b 76+30



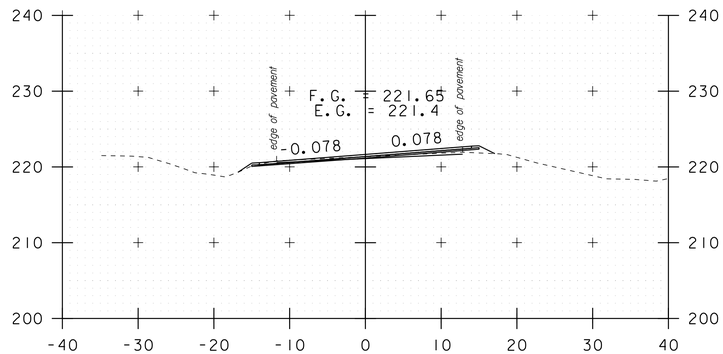
b 75+64



b 78+00



b 77+50



b 77+00

STA. b 72+85 TO STA. b 78+00

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

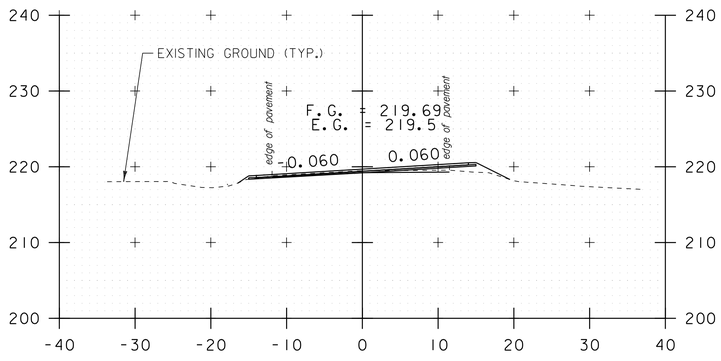
CROSS SECTION SHEET 32

PROJECT NAME: ADDISON-NEW HAVEN

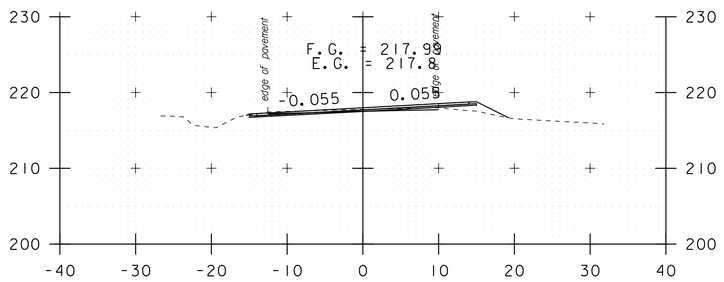
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_137.i

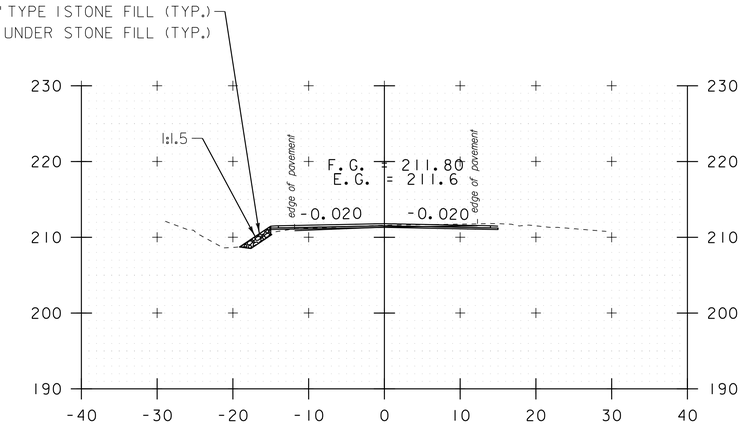
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 137 OF 186

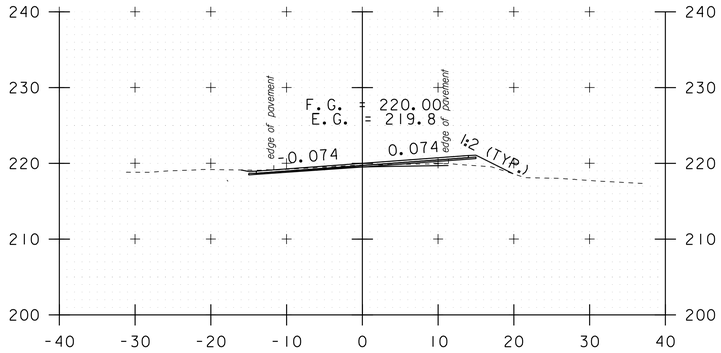


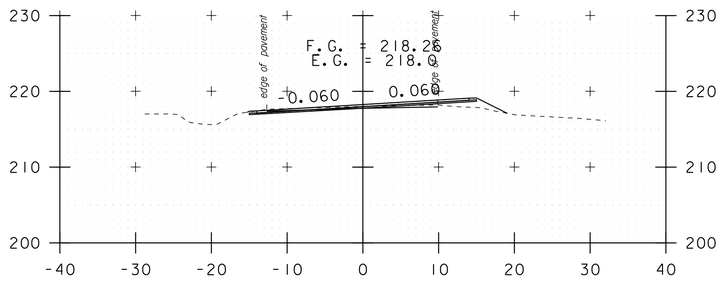
b 78+65



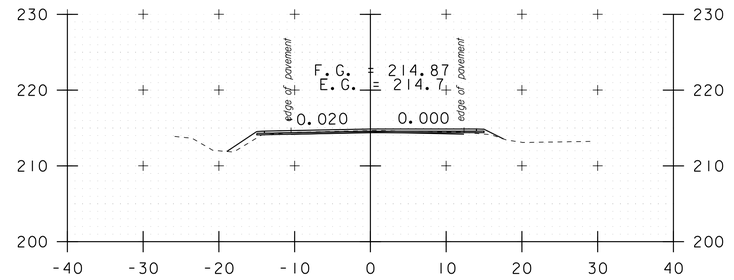
b 79+62



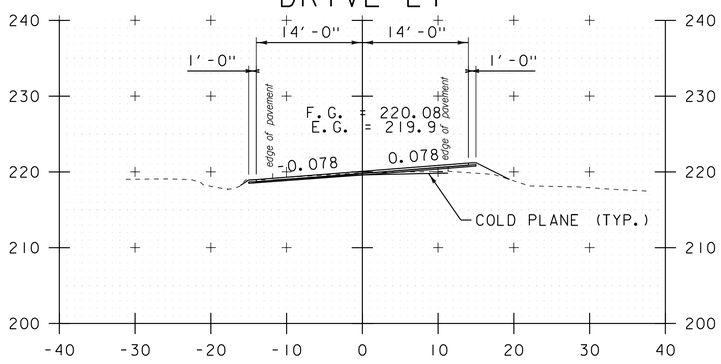




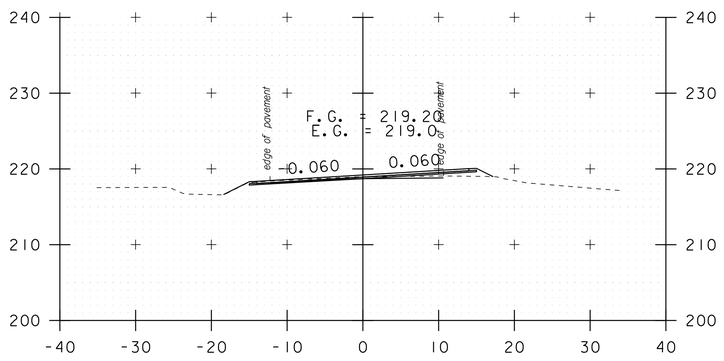
b 81+90



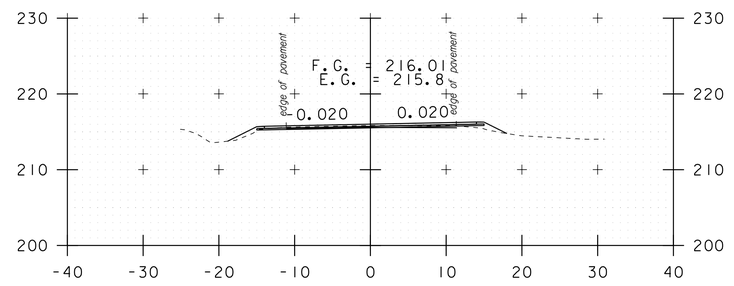
b 78+35
DRIVE LT



b 79+50



b 80+90



b 78+25

b 79+00

b 80+43

DATUM
NAVD 88
NAD 83

STA. b 78+25 TO STA. b 81+90

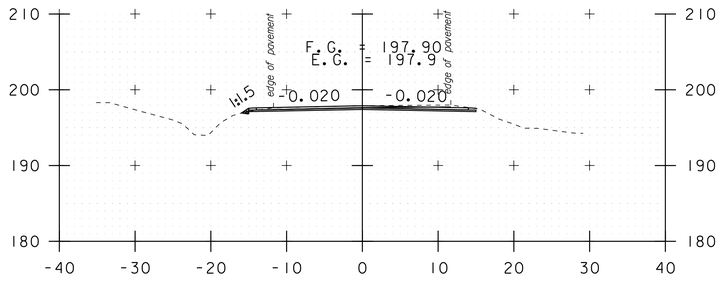
SCALE 1" = 10'-0
10 0 10

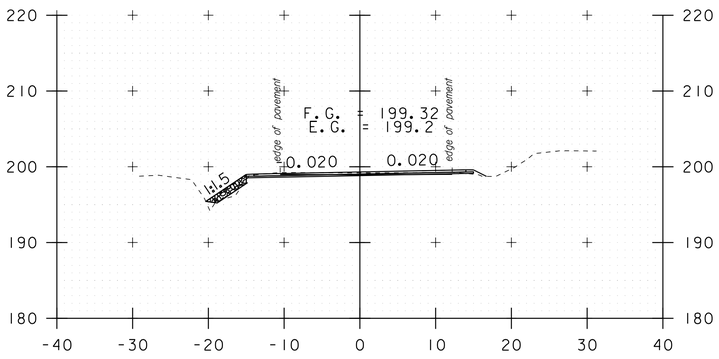
CROSS SECTION SHEET 33

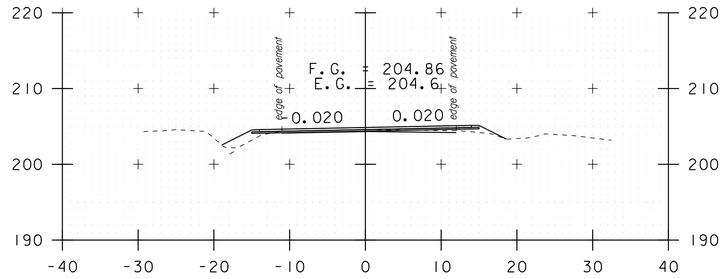
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_138.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 138 OF 186

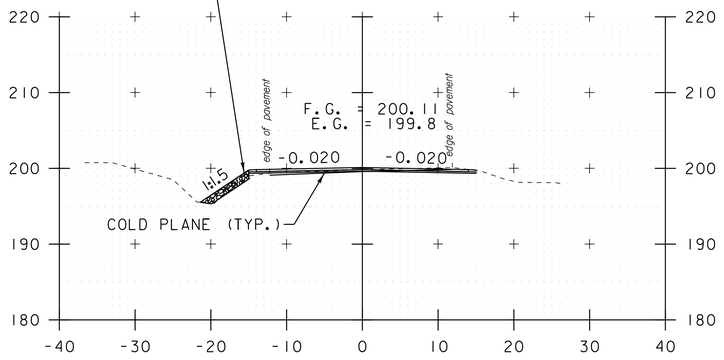




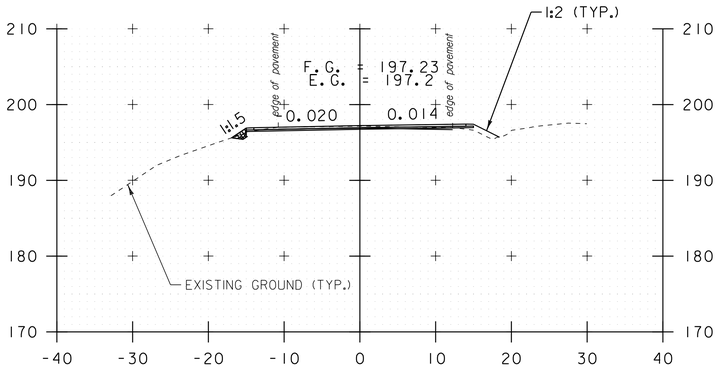


12" TYPE I STONE FILL (TYP.)
GEOTEXTILE UNDER STONE FILL (TYP.)

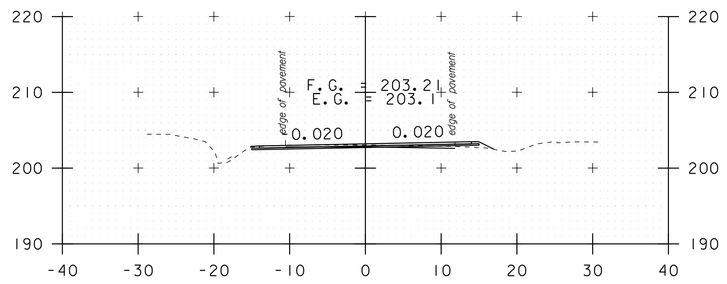
b 83+80



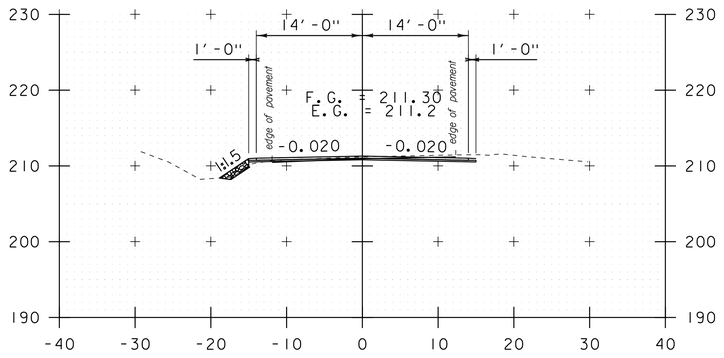
b 86+20



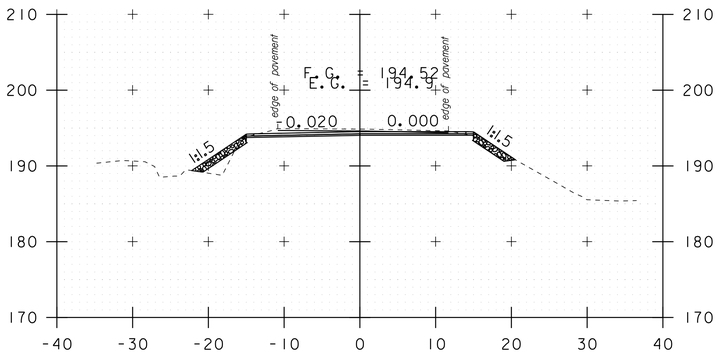
b 87+50



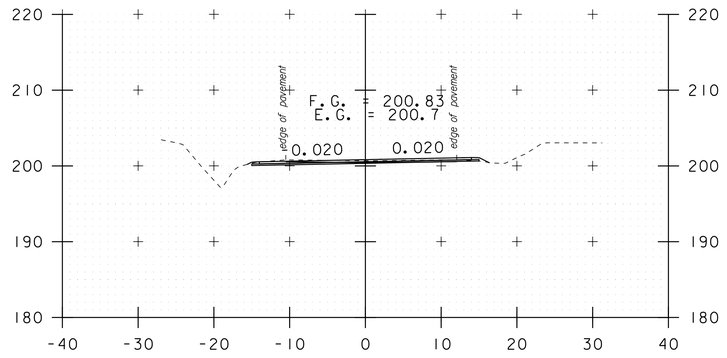
b 83+50



b 85+78



b 87+00



b 82+00

b 84+80

b 86+50

STA. b 82+00 TO STA. b 87+50

SCALE 1" = 10'-0
10 0 10

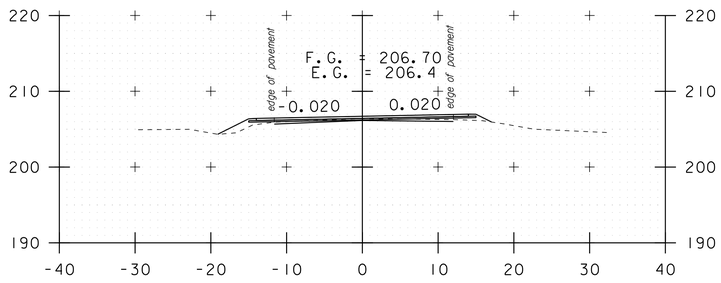
DATUM
NAVD 88
NAD 83

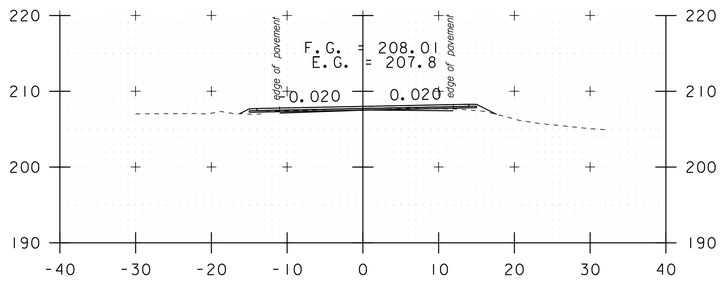
CROSS SECTION SHEET 34

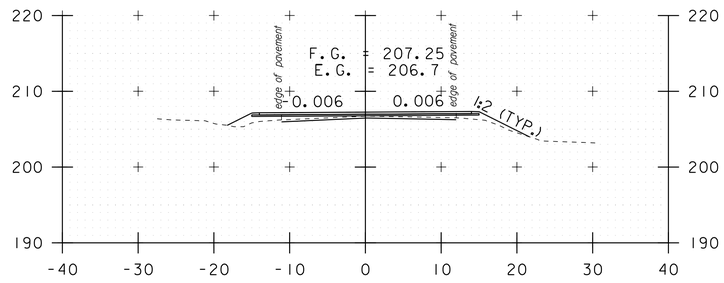
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_139.i

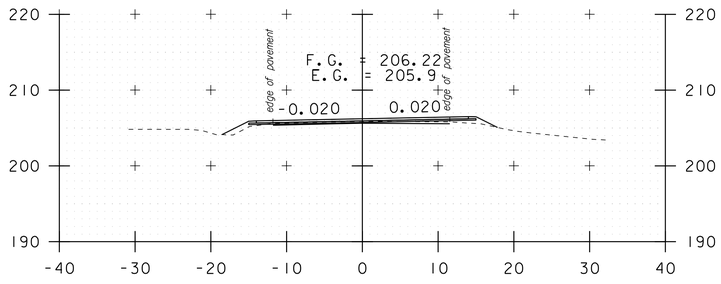
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 139 OF 186



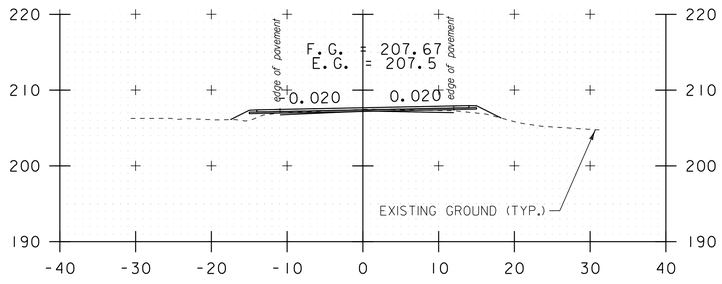




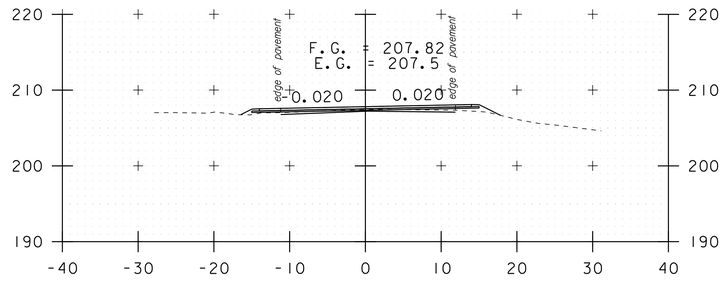
b 89+00



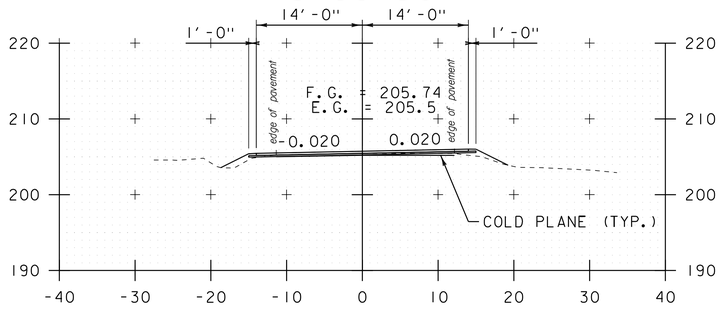
b 90+50



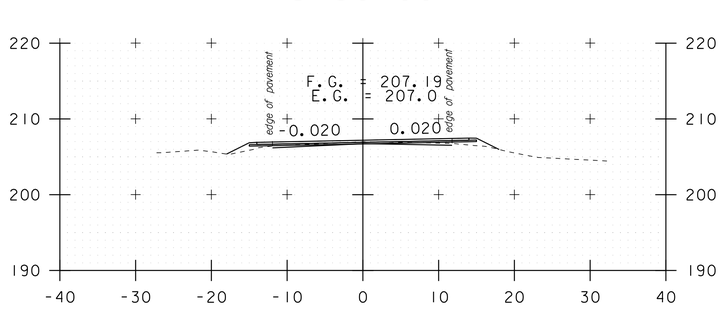
b 91+54



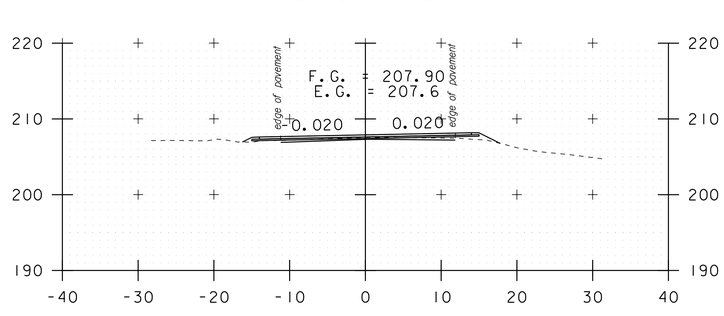
b 88+50



b 90+00



b 91+10



b 88+00

b 89+50

b 91+00

DATUM
NAVD 88
NAD 83

STA. b 88+00 TO STA. b 91+54

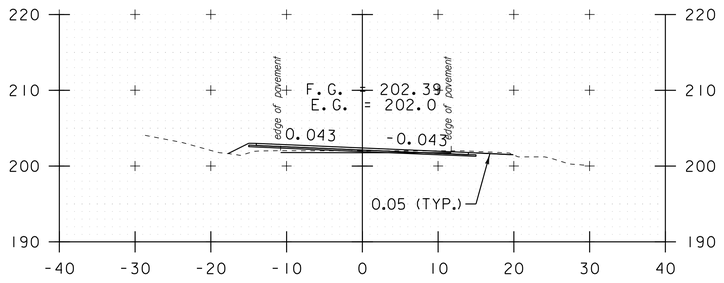
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 35

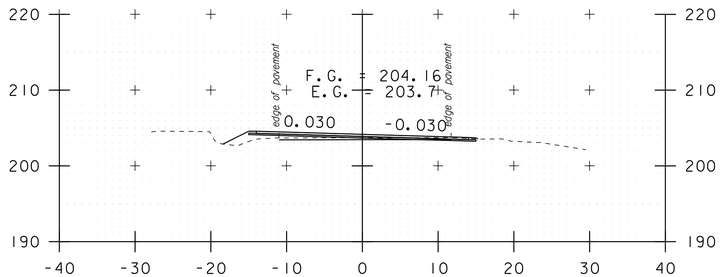
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_140.i

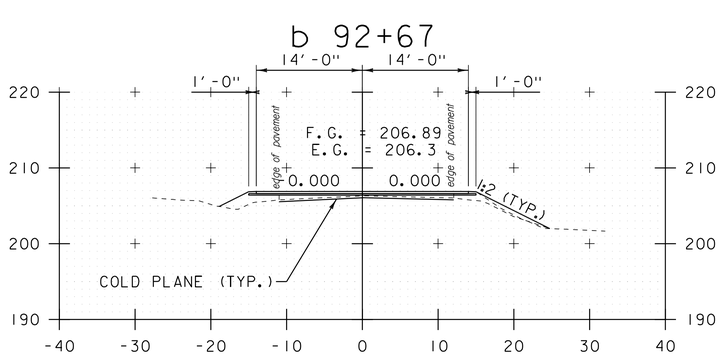
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 140 OF 186



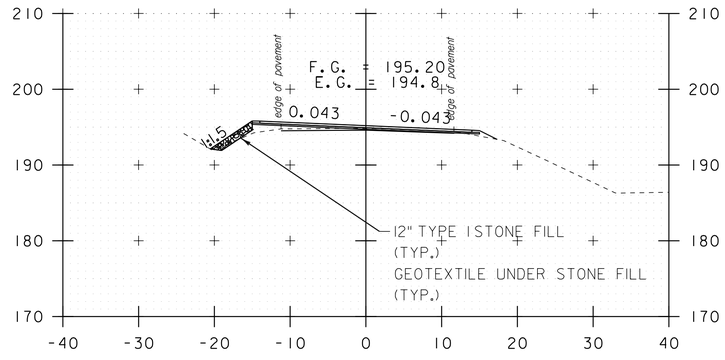
b 93+10



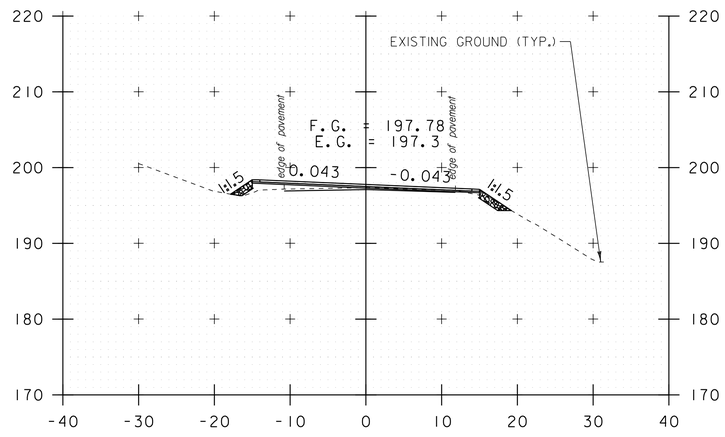
b 92+67



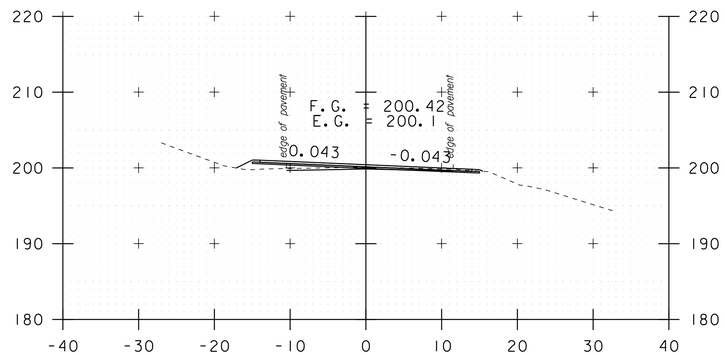
b 91+74



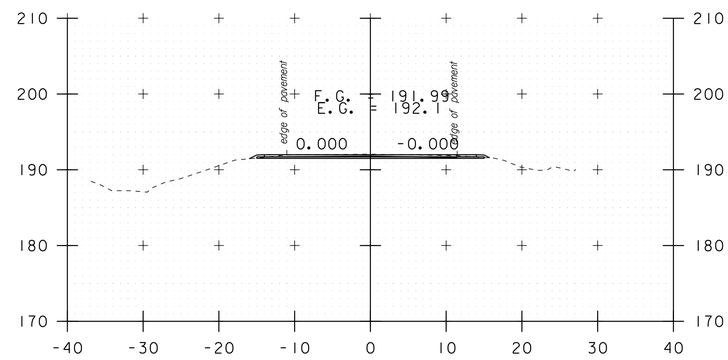
b 94+50



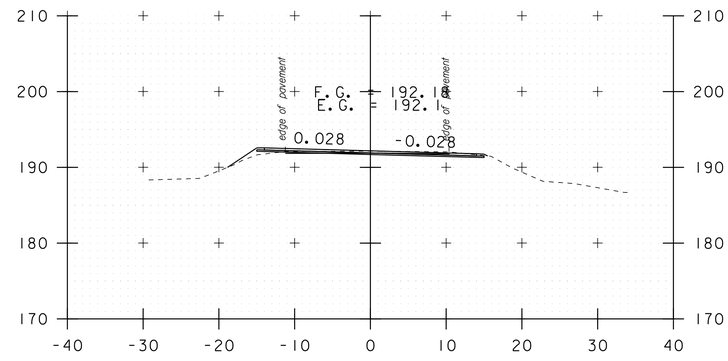
b 94+00



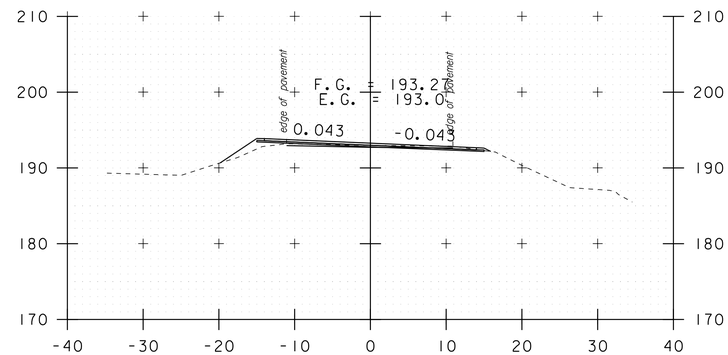
b 93+50



b 96+32



b 95+47



b 95+00

STA. b 91+74 TO STA. b 96+32

SCALE 1" = 10'-0
10 0 10

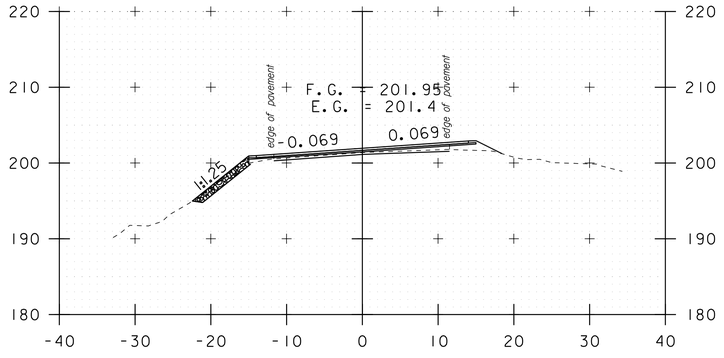
DATUM
NAVD 88
NAD 83

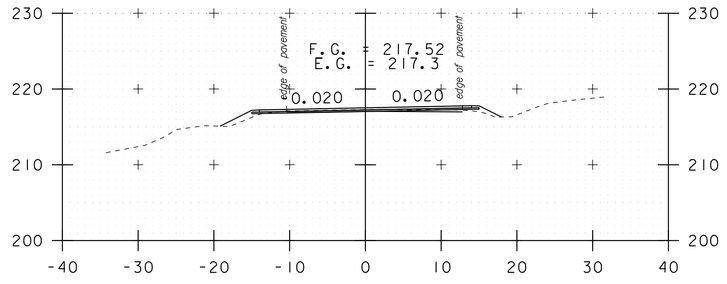
CROSS SECTION SHEET 36

PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

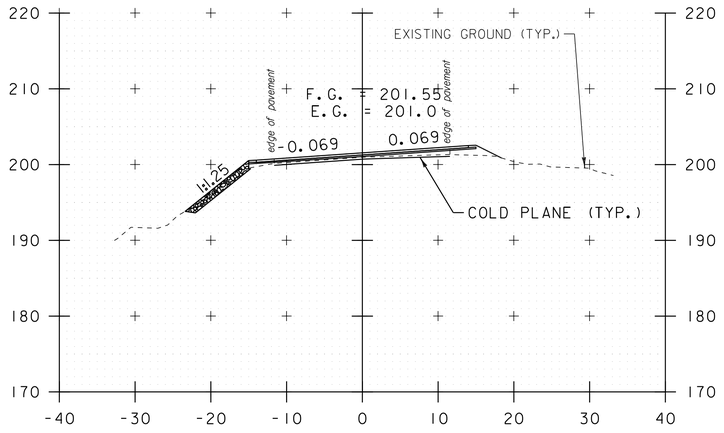
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_141.i

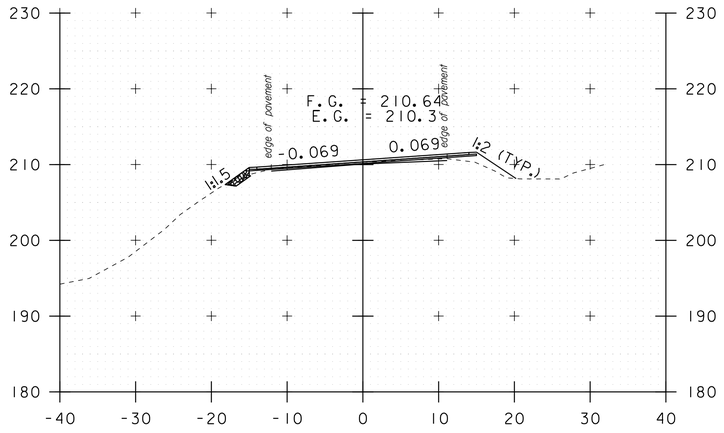
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 141 OF 186



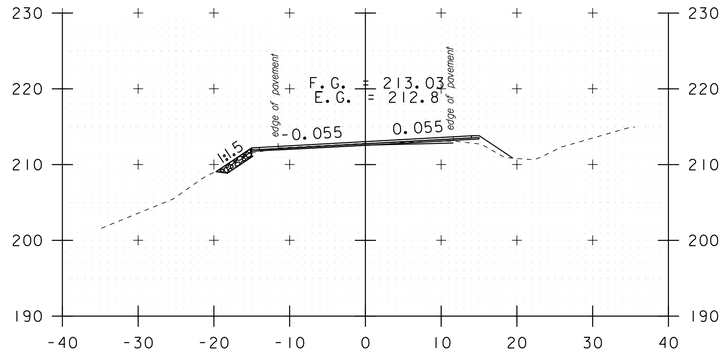


b 98+50



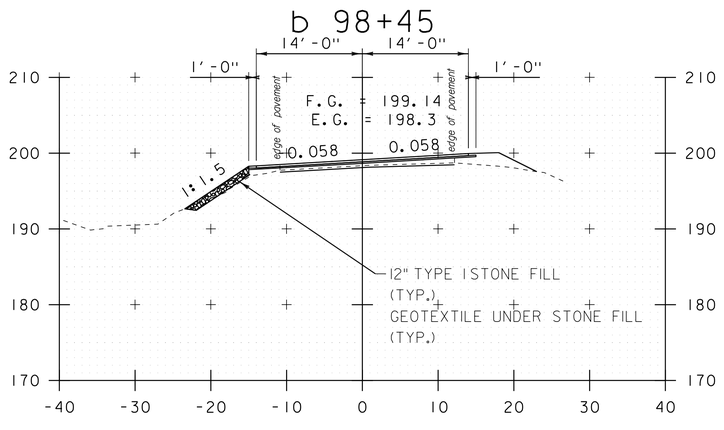


b 100+69

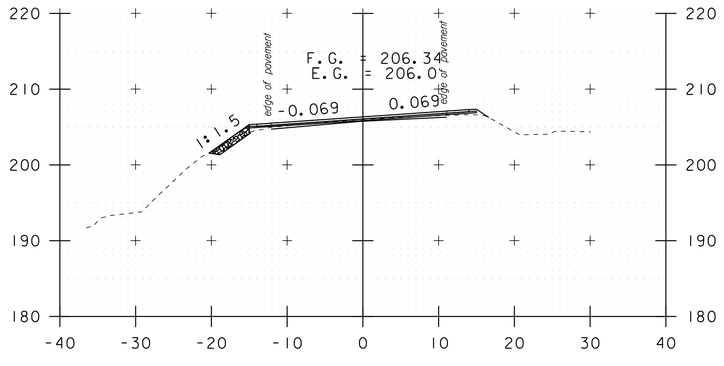


b 99+87

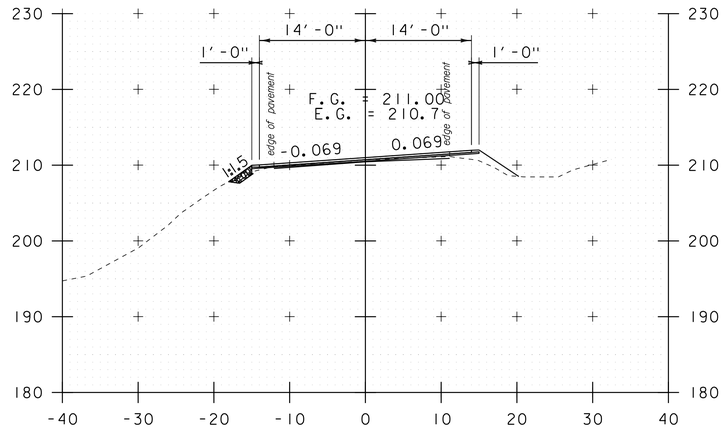
b 98+45



b 99+50



b 99+55



b 98+12
PULL OFF RT

b 99+00

STA. b 98+12 TO STA. b 100+69

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

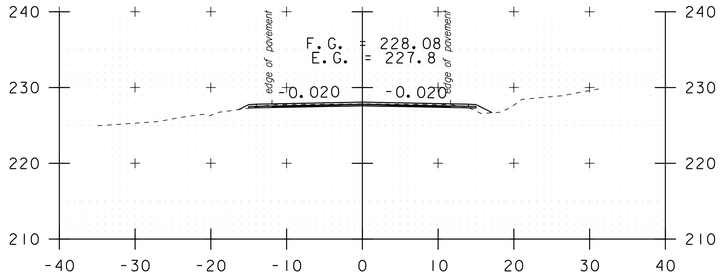
CROSS SECTION SHEET 37

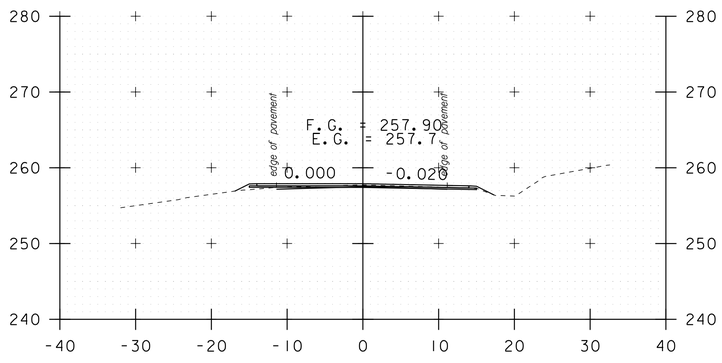
PROJECT NAME: ADDISON-NEW HAVEN

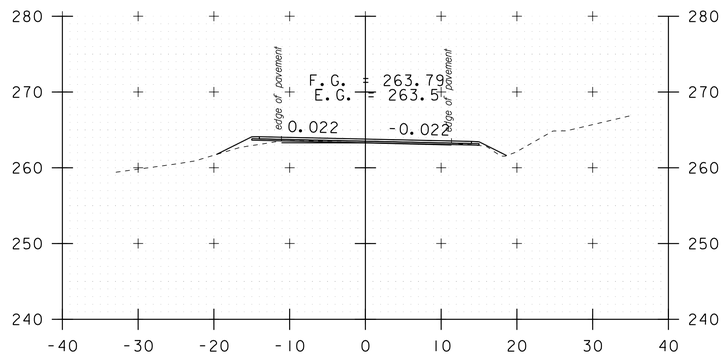
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_142.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 142 OF 186



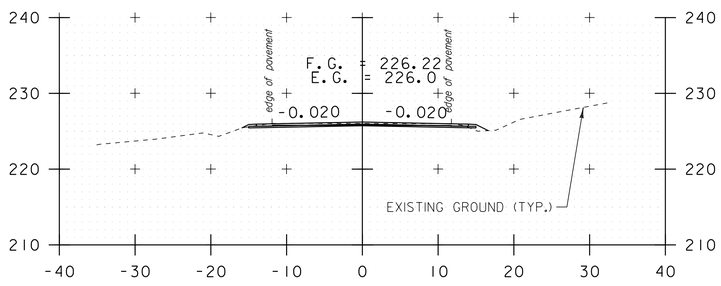


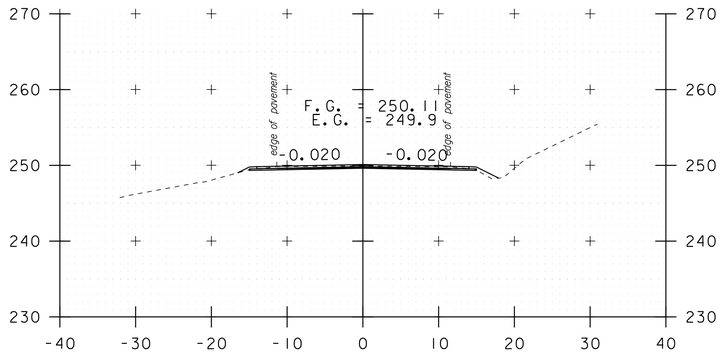


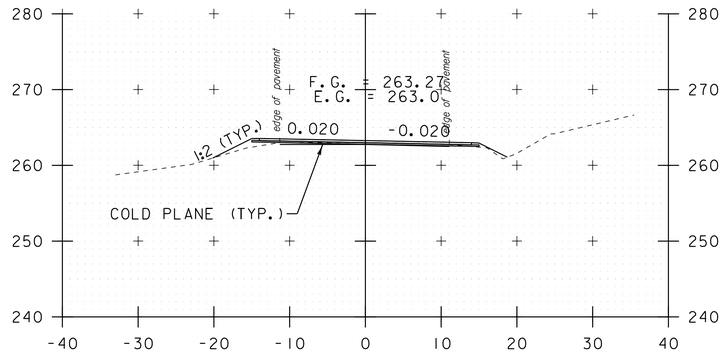
b 106+65

b 108+05

b 102+50



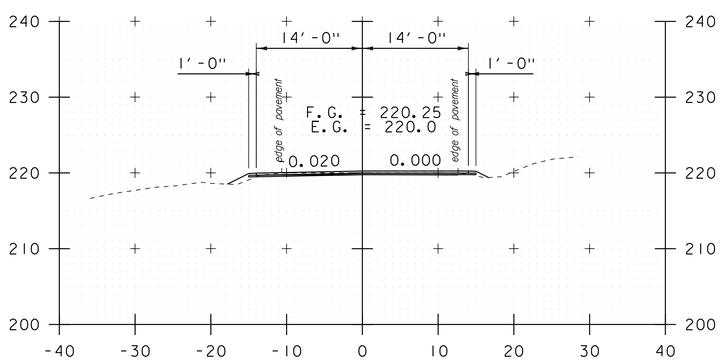


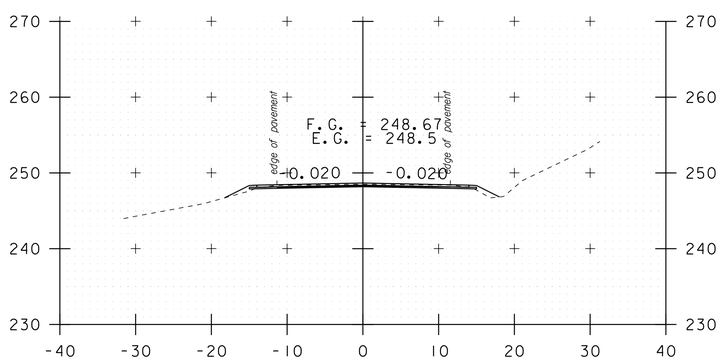


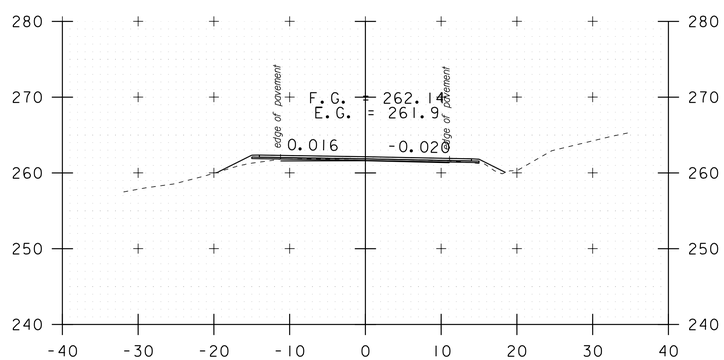
b 105+65

b 107+92

b 101+15







b 105+50

b 107+65

STA. b 101+15 TO STA. b 108+05

SCALE 1" = 10'-0

10 0 10

CROSS SECTION SHEET 38

DATUM

NAVD 88

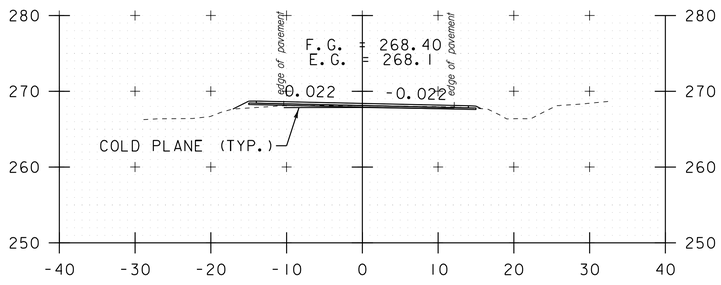
NAD 83

PROJECT NAME: ADDISON-NEW HAVEN

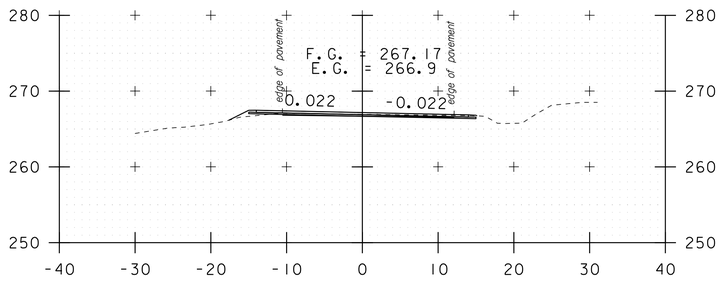
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_143.i

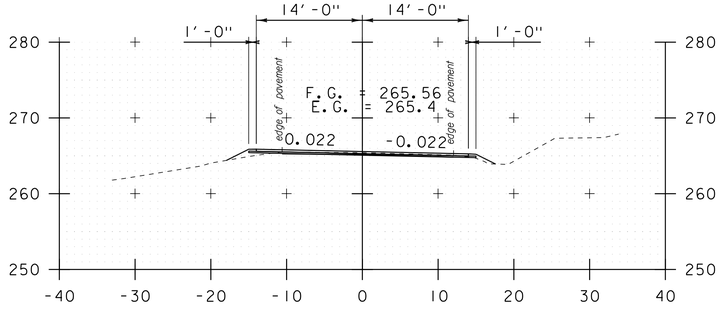
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 143 OF 186



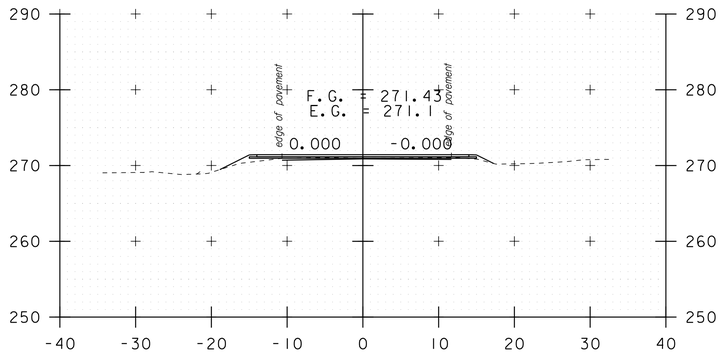
b 109+50



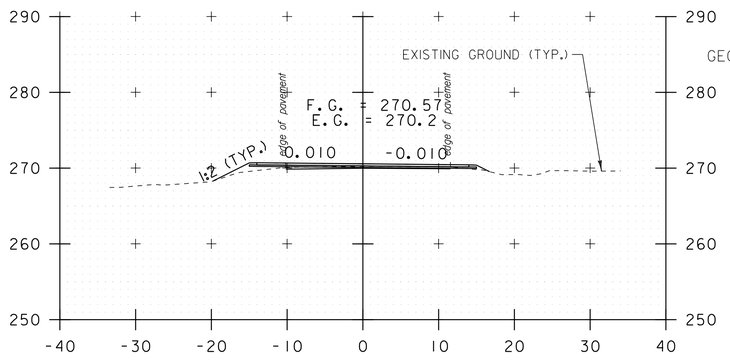
b 109+00



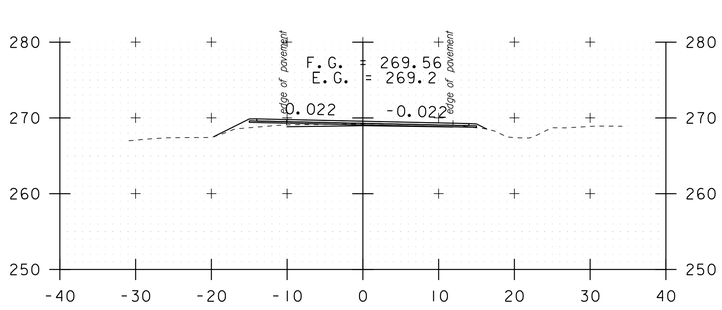
b 108+50



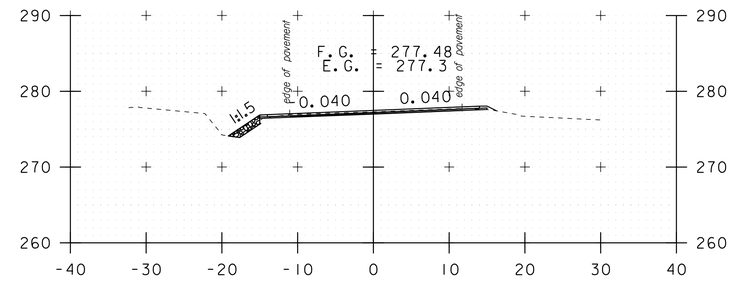
b 110+78



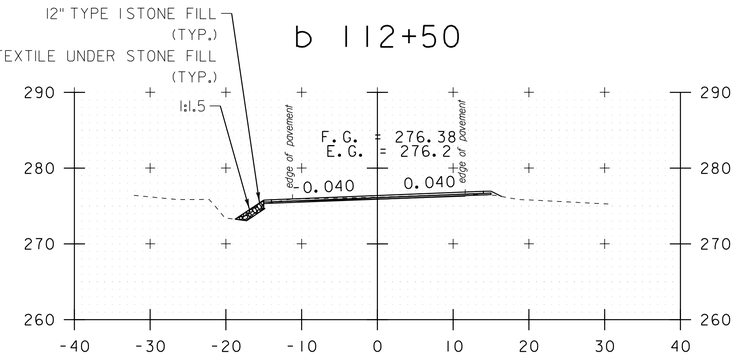
b 110+43



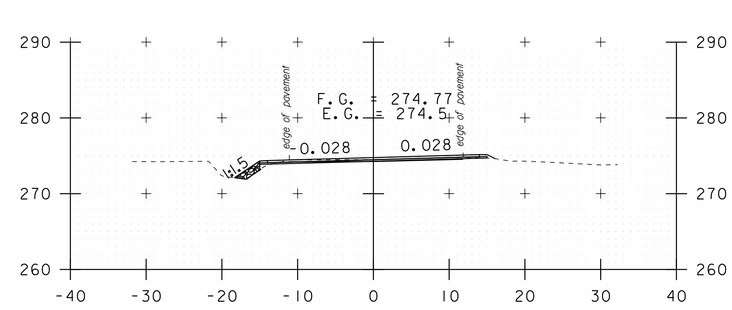
b 110+00



b 112+50



b 112+20



b 111+78

STA. b 108+50 TO STA. b 112+50

SCALE 1" = 10'-0
10 0 10

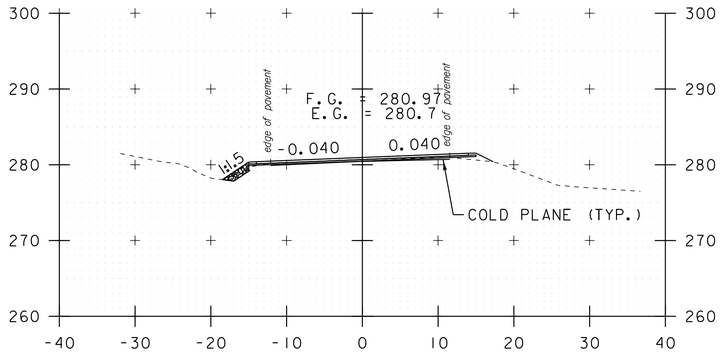
DATUM
NAVD 88
NAD 83

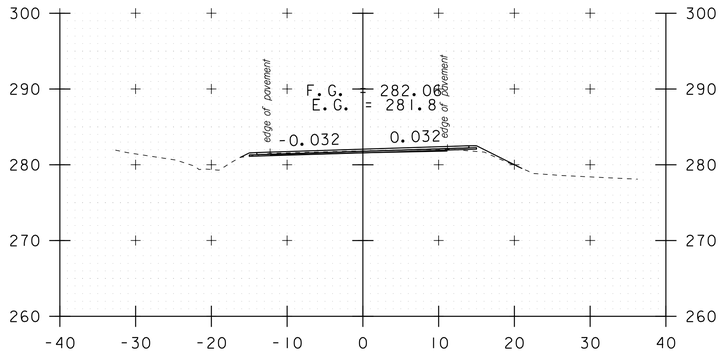
CROSS SECTION SHEET 39

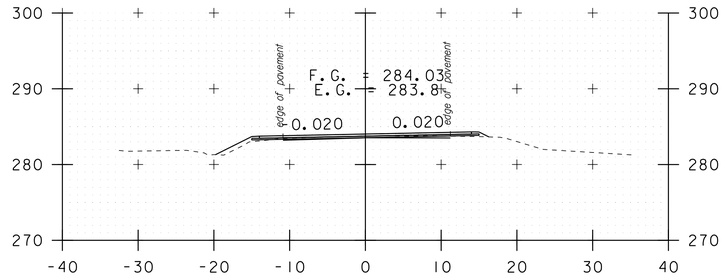
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_144.i

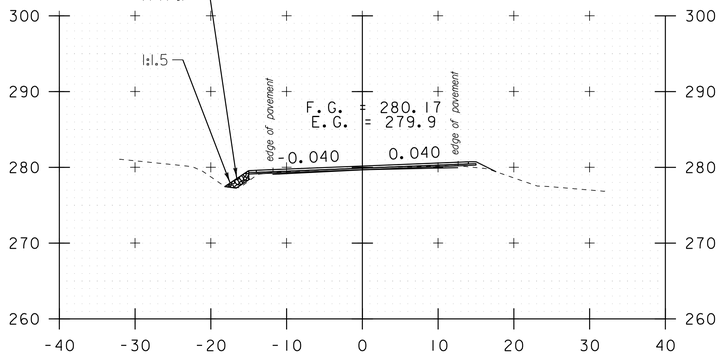
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 144 OF 186



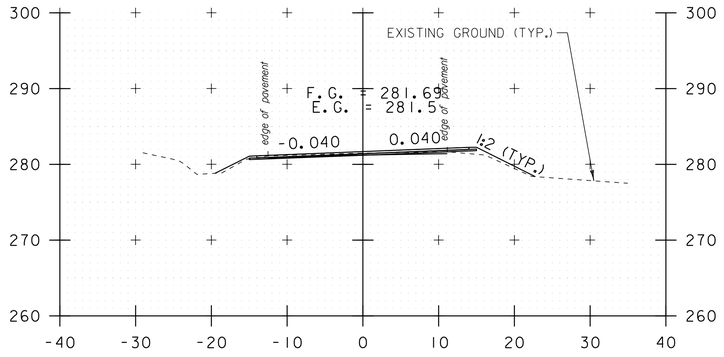




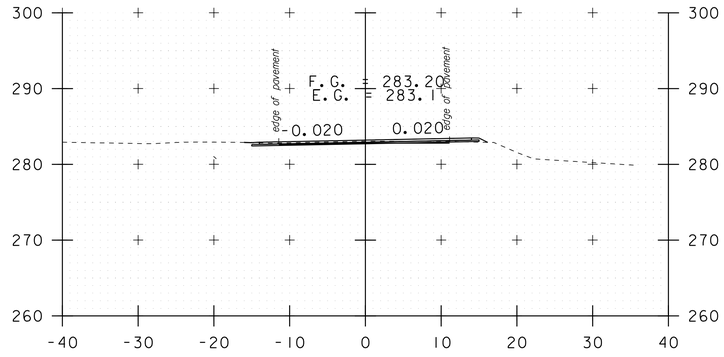
b 114+00



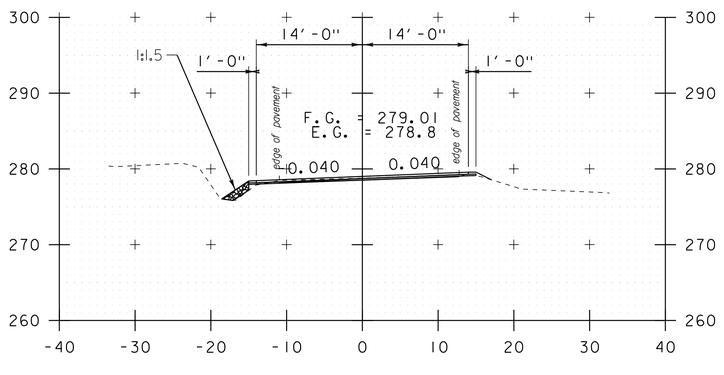
b 115+15



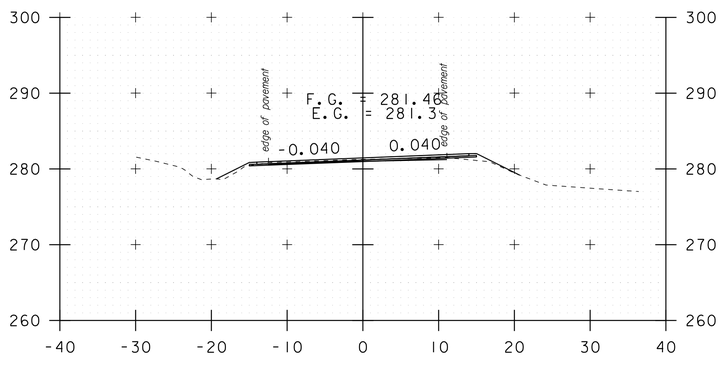
b 116+50



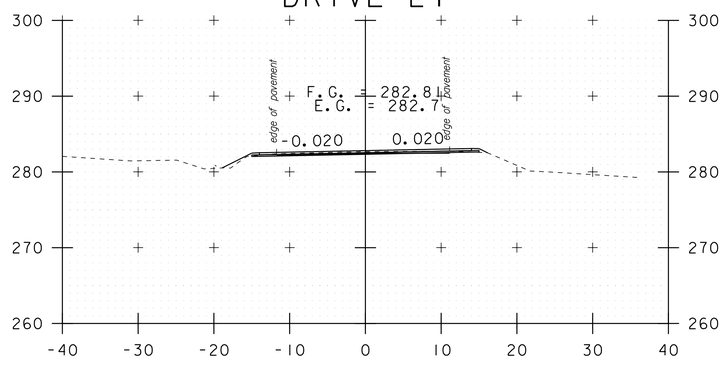
b 113+50



b 114+75



b 116+00
DRIVE LT



b 113+00

b 114+50

b 115+75

STA. b 113+00 TO STA. b 116+50

SCALE 1" = 10'-0
10 0 10

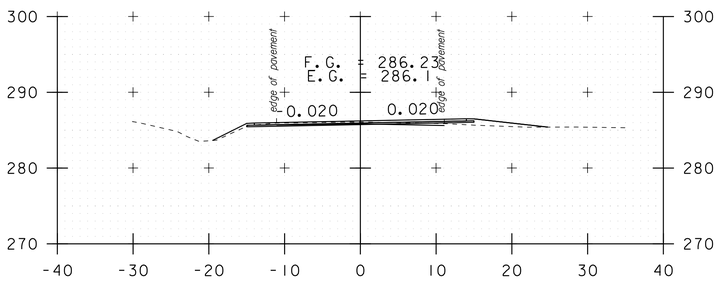
DATUM
NAVD 88
NAD 83

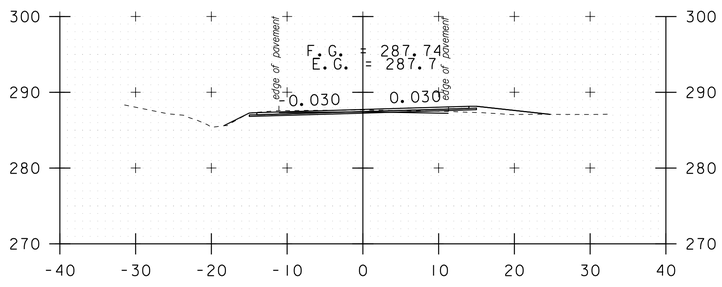
CROSS SECTION SHEET 40

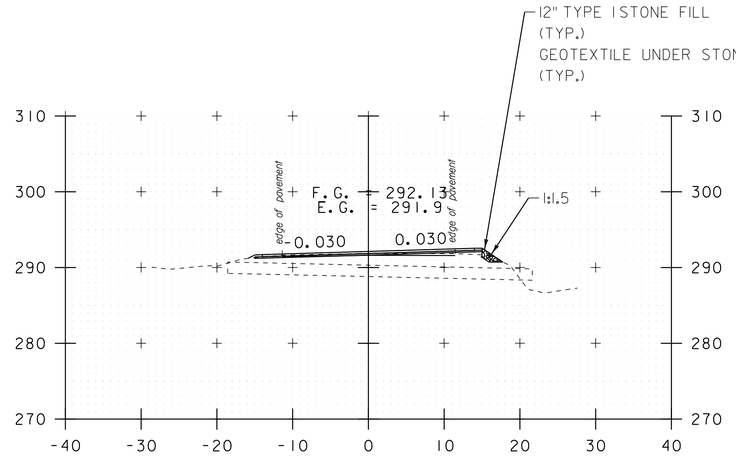
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_145.i

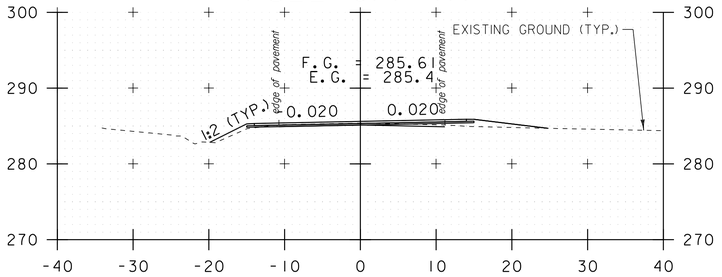
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 145 OF 186



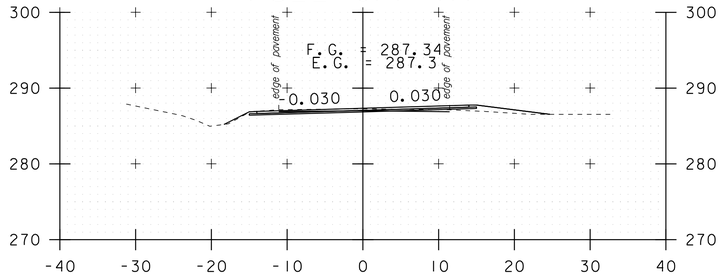




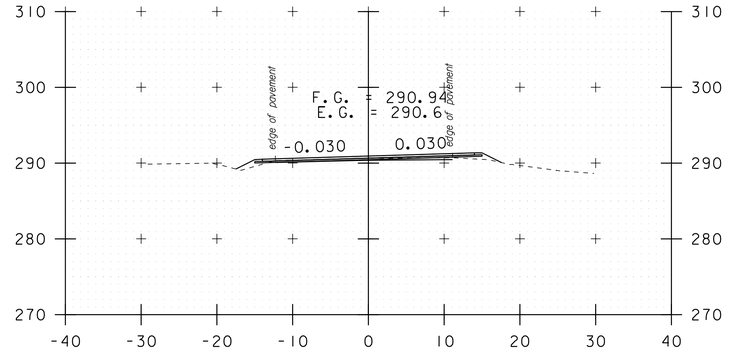
c 2+35

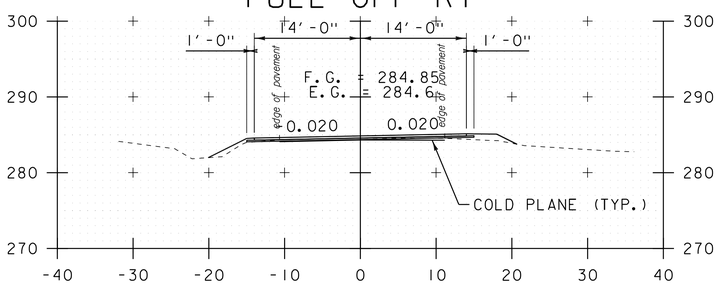


c 0+35
PULL OFF RT

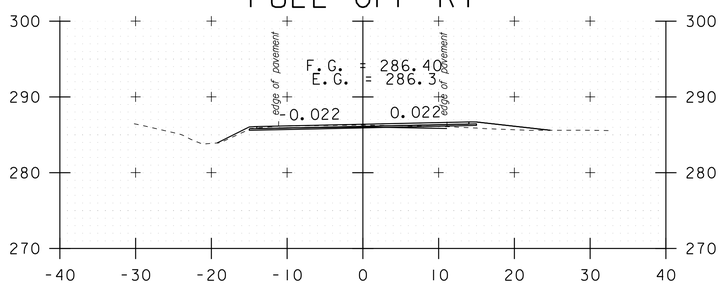


c 1+00
PULL OFF RT

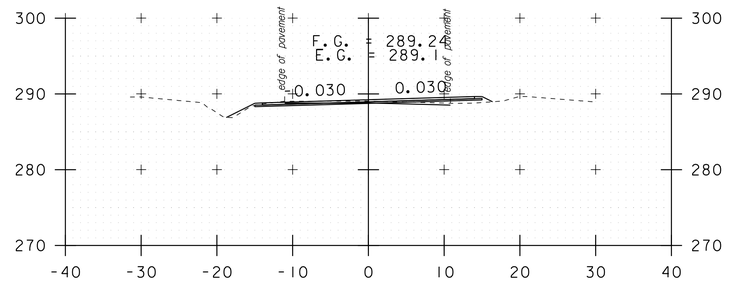




c 0+00
PULL OFF RT



c 0+85
PULL OFF RT



c 2+00

b 117+00
PULL OFF RT

c 0+44
PULL OFF RT

c 1+50

STA. b 117+00 TO STA. c 2+35

SCALE 1" = 10'-0
10 0 10

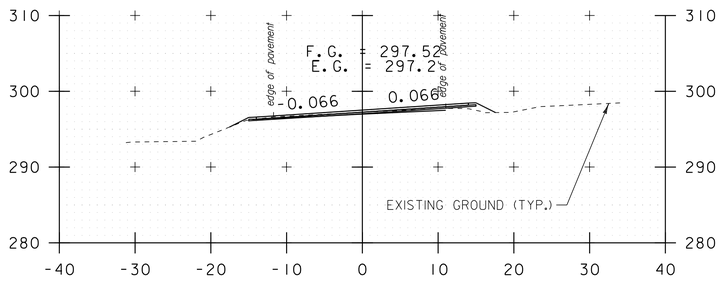
DATUM
NAVD 88
NAD 83

CROSS SECTION SHEET 41

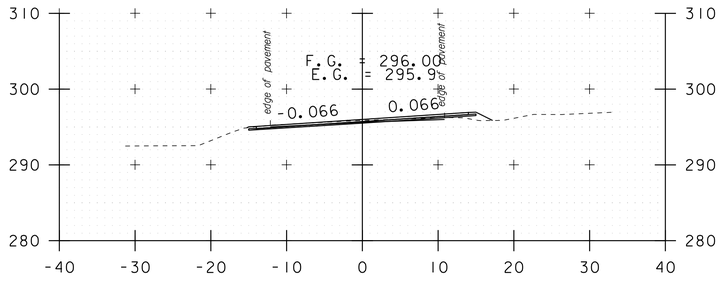
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_146.i

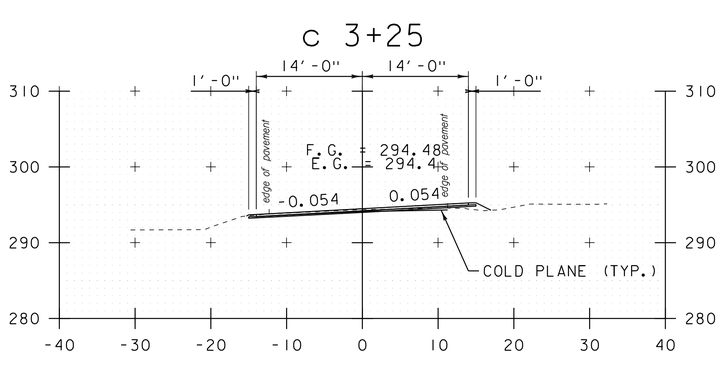
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 146 OF 186



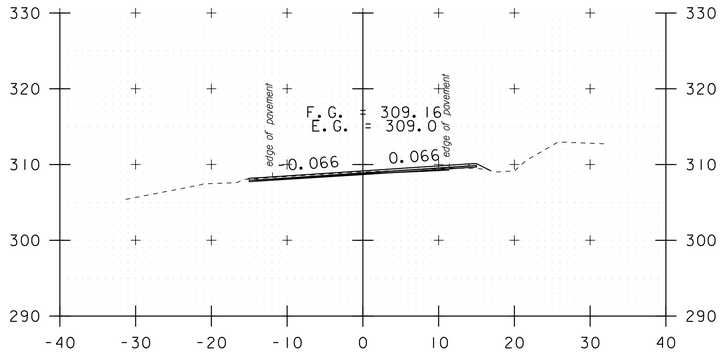
c 3+50



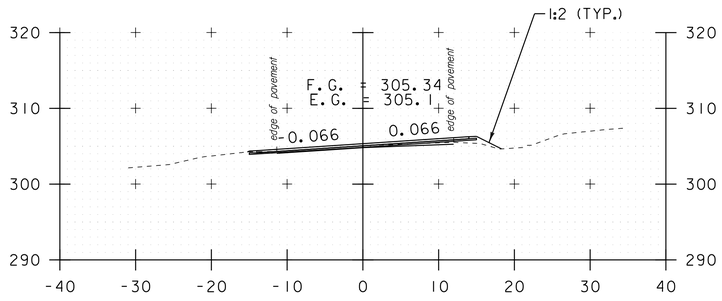
c 3+25



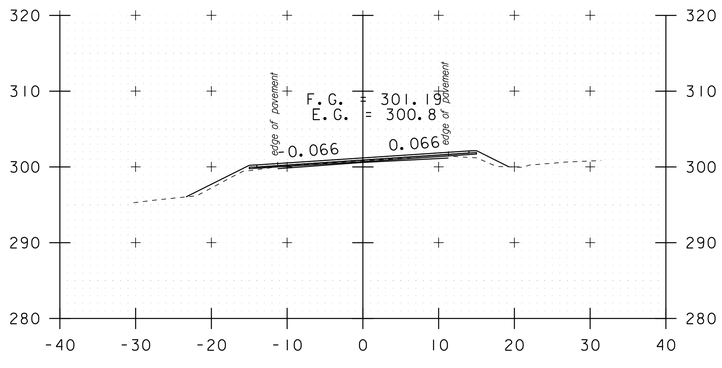
c 2+96



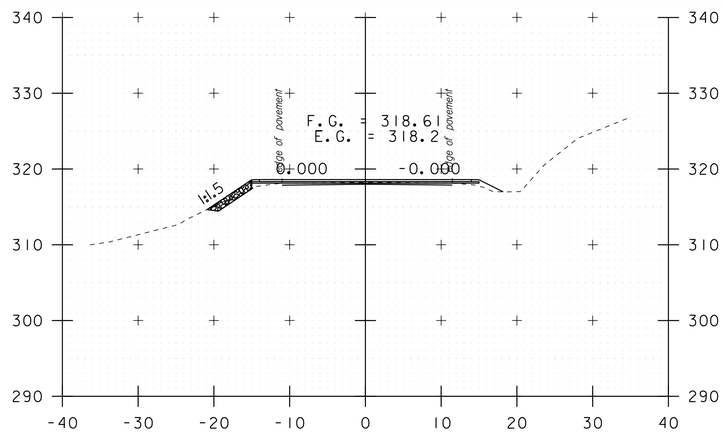
c 5+00



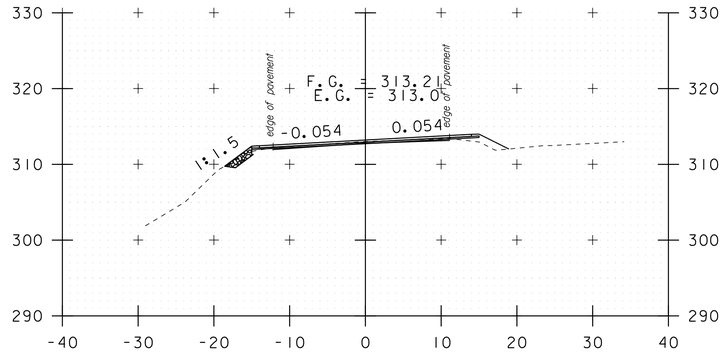
c 4+50



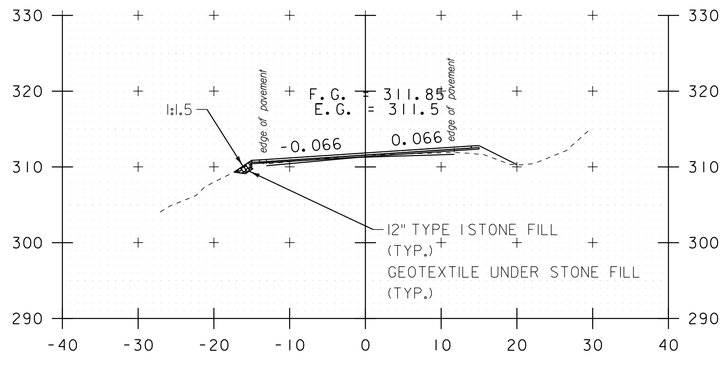
c 4+00



c 7+85



c 5+93



c 5+50

STA. c 2+96 TO STA. c 7+85

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

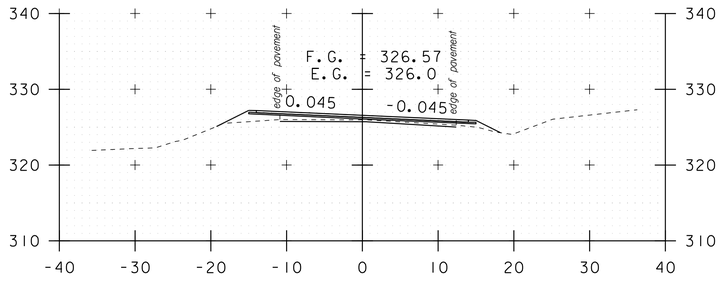
CROSS SECTION SHEET 42

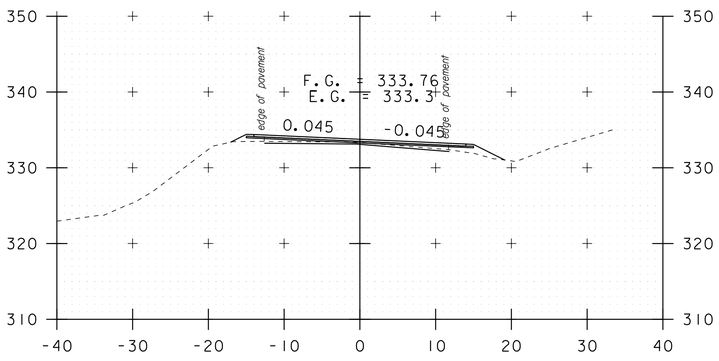
PROJECT NAME: ADDISON-NEW HAVEN

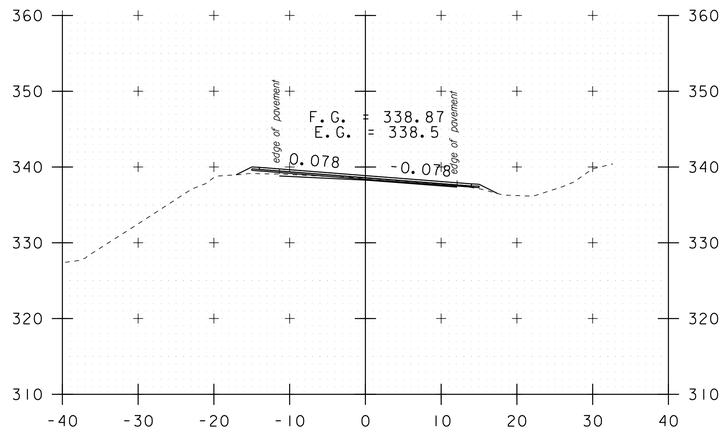
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_147.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 147 OF 186

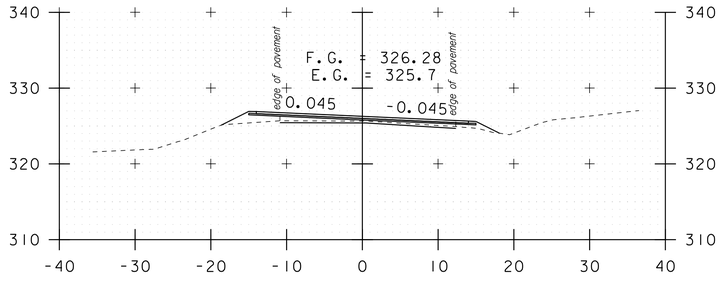


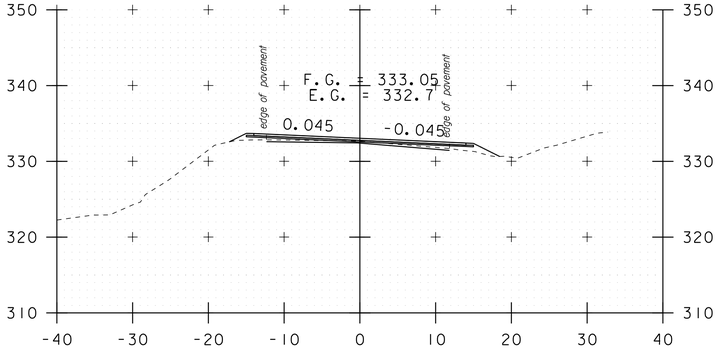


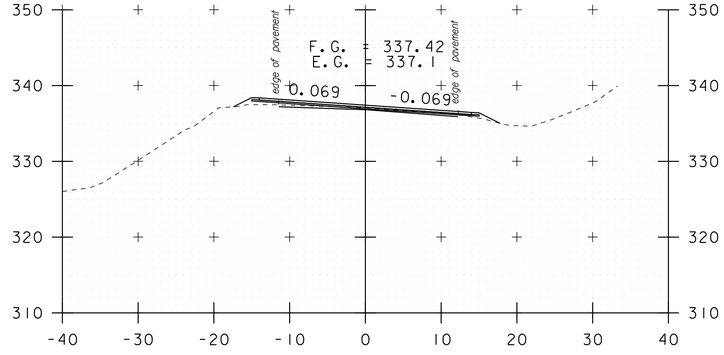


c 10+60

c 11+30





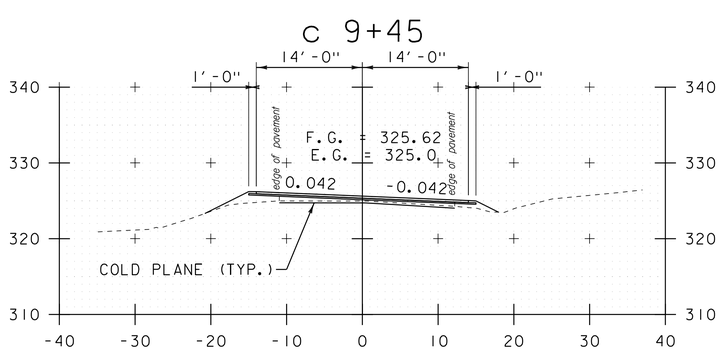


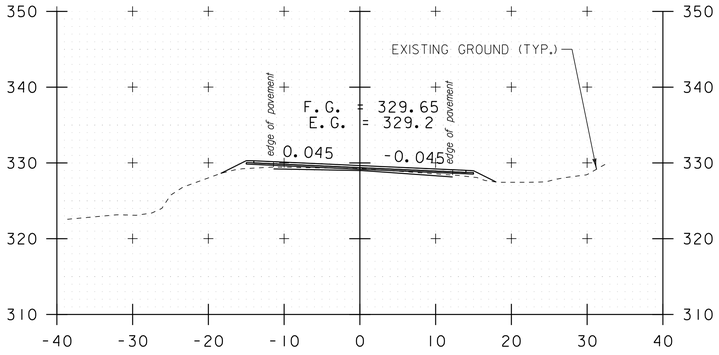
c 9+50

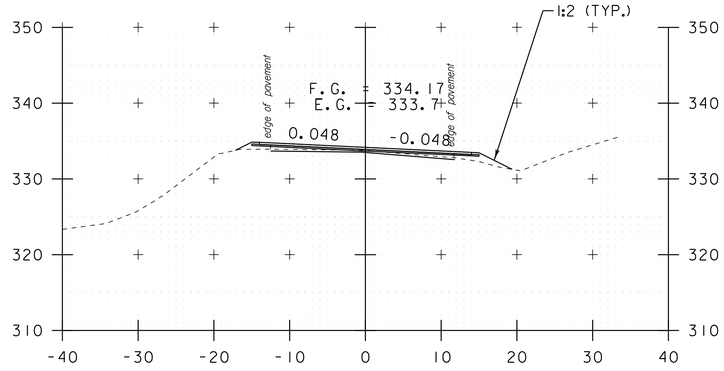
c 10+50

c 11+10

c 9+45







c 9+34

c 10+00

c 10+66

DATUM
NAVD 88
NAD 83

STA. c 9+34 TO STA. c 11+30

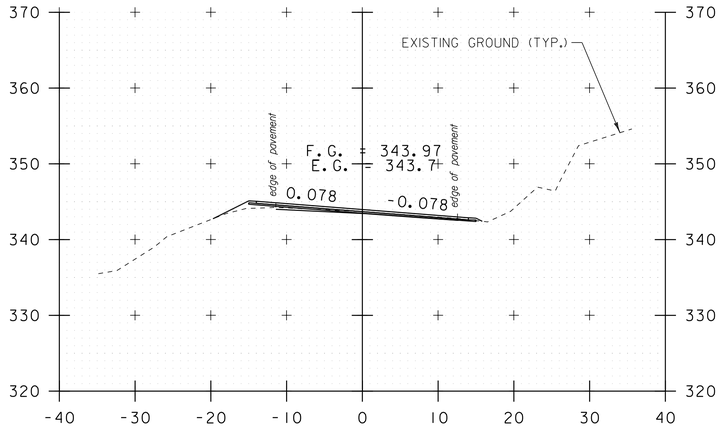
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 43

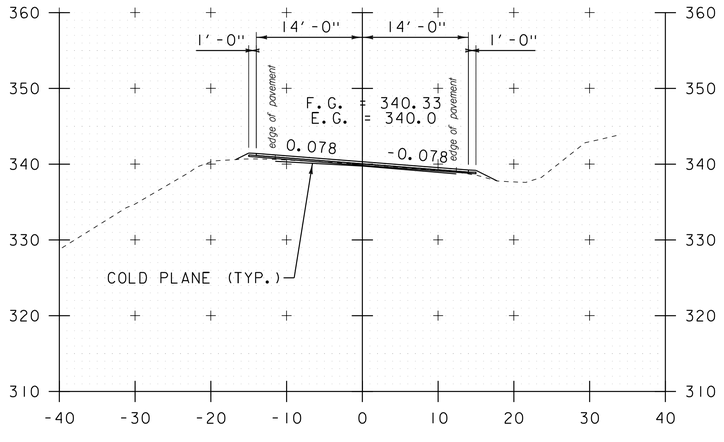
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_148.i

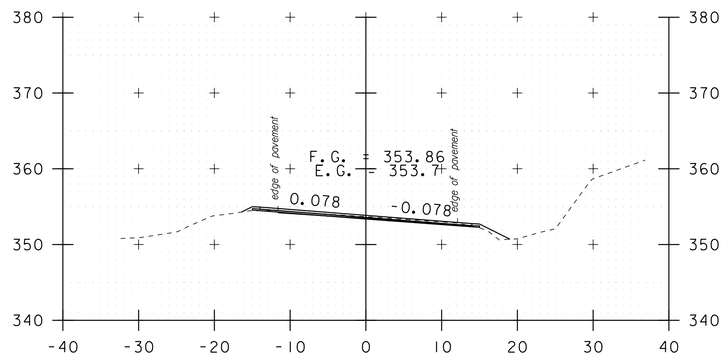
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 148 OF 186



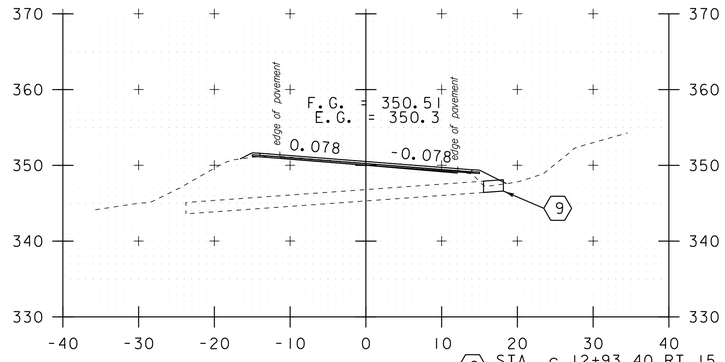
c 12+00



c 11+50

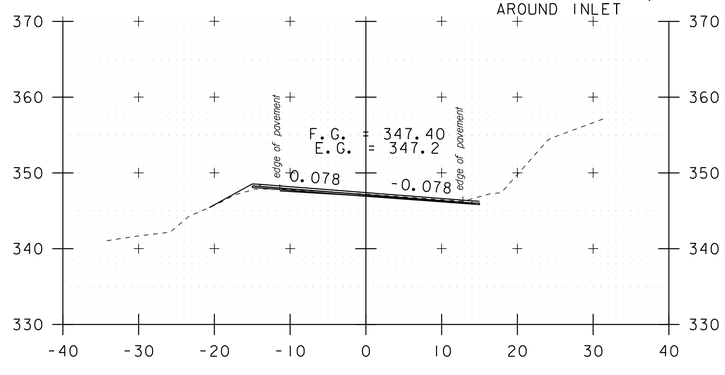


c 13+50

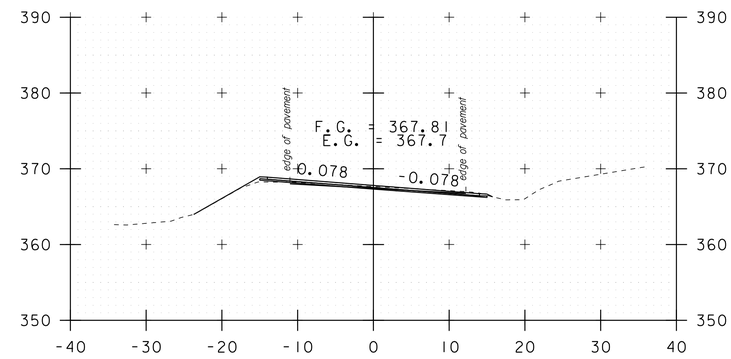


9 STA. c 12+93.40 RT 15.53' TO
STA. c 12+94.90 RT 18.15'
EXTEND 18" CMP (3'-0")
PROPOSED INV. IN = 346.61'
EXISTING INV. IN = 346.42'
ADD STONE FILL, TYPE I
AROUND INLET

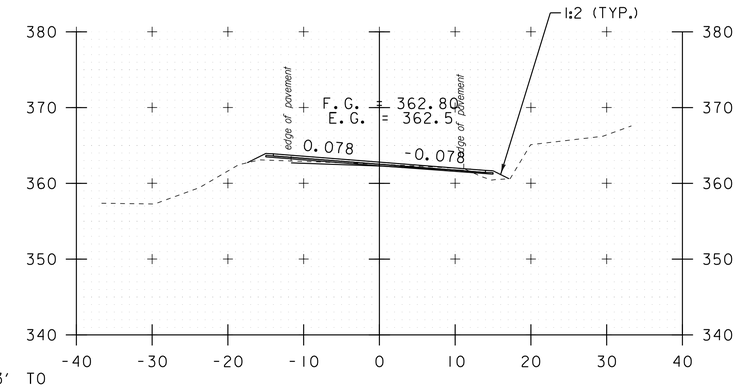
c 13+00



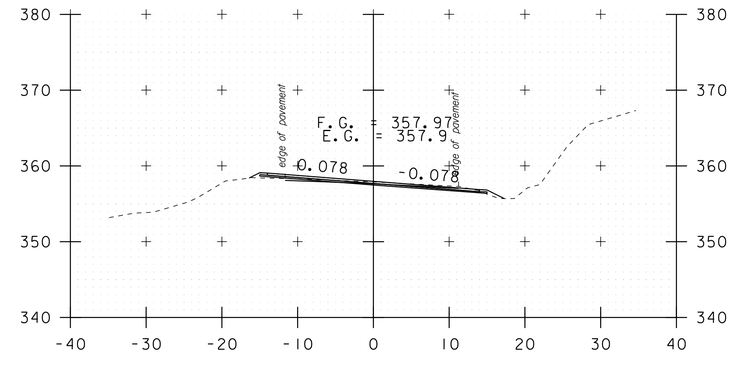
c 12+50



c 15+00



c 14+50



c 14+00

DATUM
NAVD 88
NAD 83

STA. c 11+50 TO STA. c 15+00

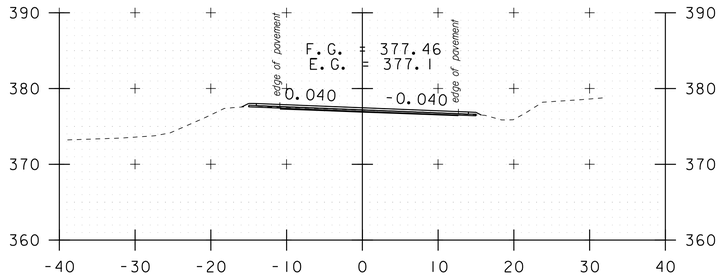
SCALE 1" = 10'-0
10 0 10

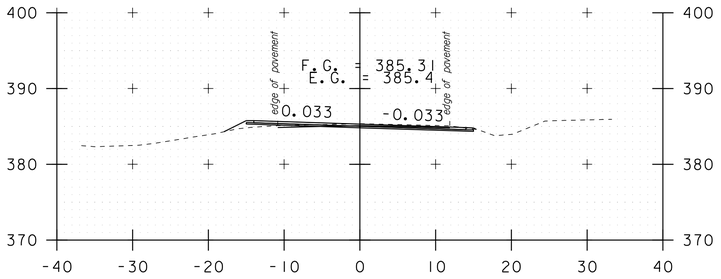
CROSS SECTION SHEET 44

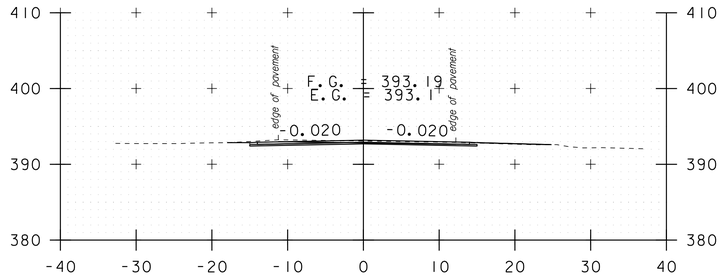
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_149.i

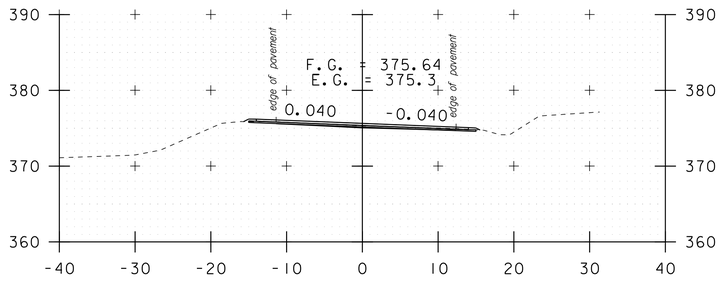
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 149 OF 186



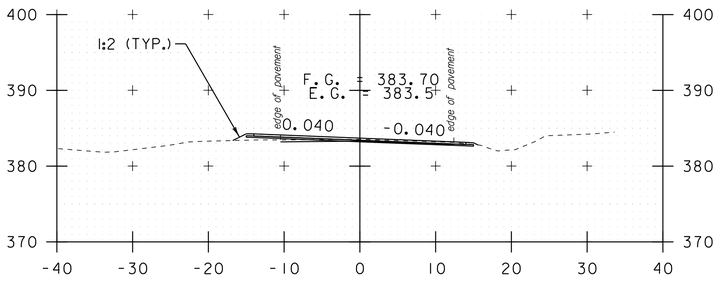




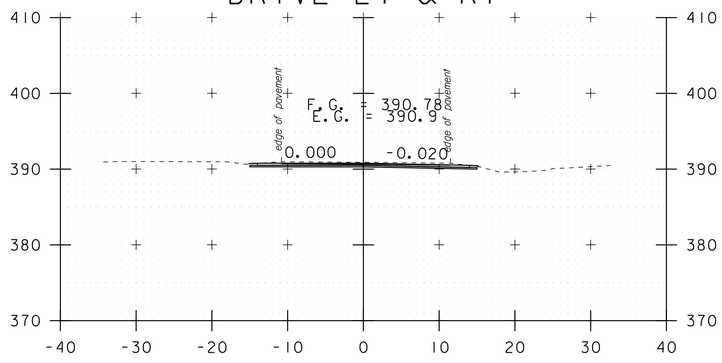
c 16+00



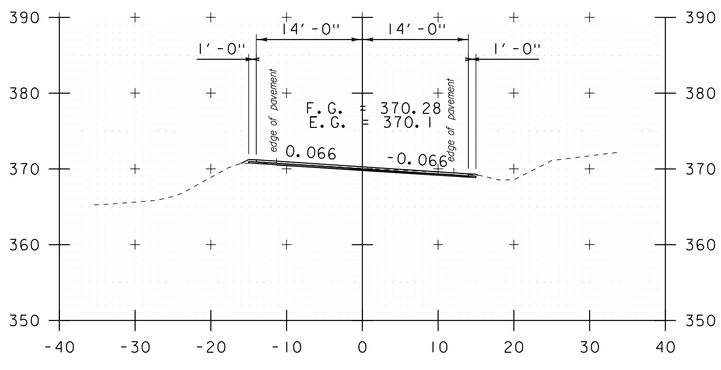
c 16+97



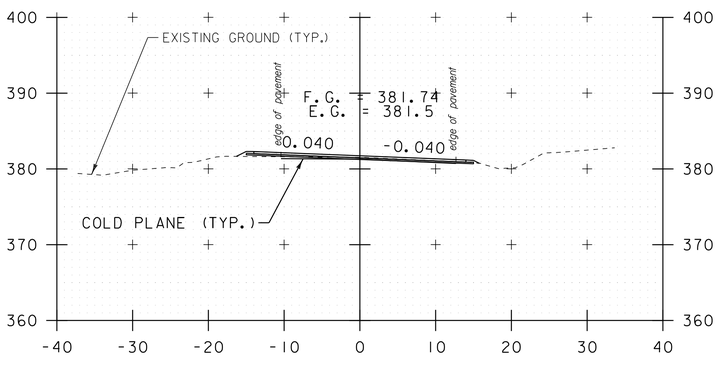
c 19+00
DRIVE LT & RT



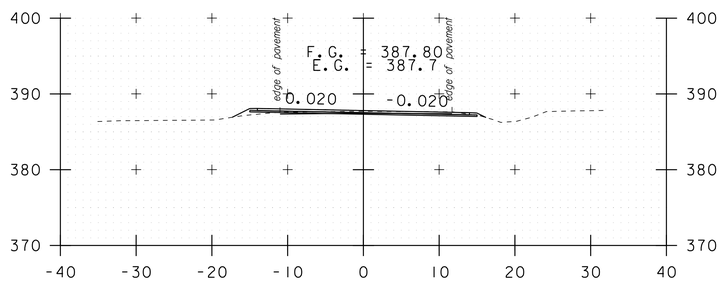
c 15+80



c 16+75



c 18+00



c 15+25

c 16+50

c 17+38

STA. c 15+25 TO STA. c 19+00

SCALE 1" = 10'-0
10 0 10

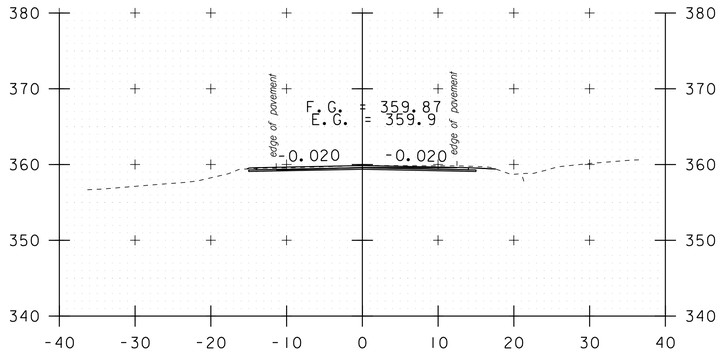
DATUM
NAVD 88
NAD 83

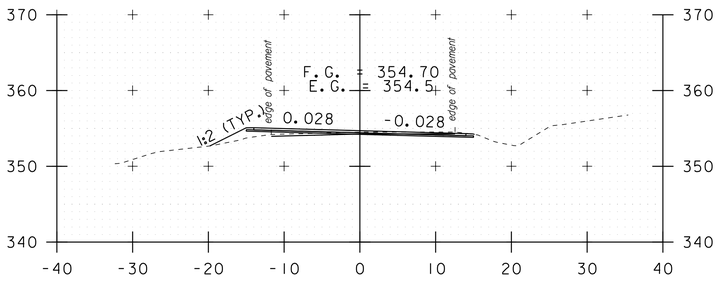
CROSS SECTION SHEET 45

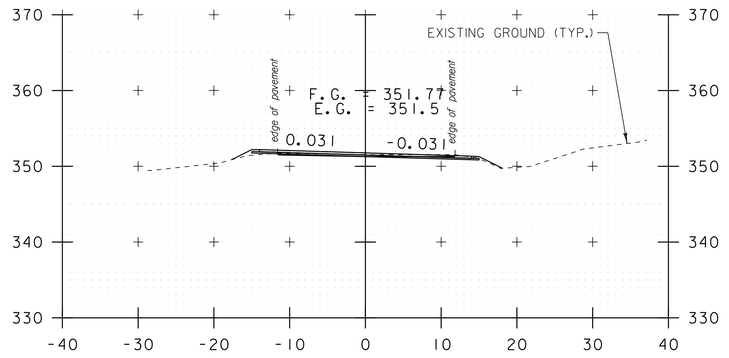
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_150.i

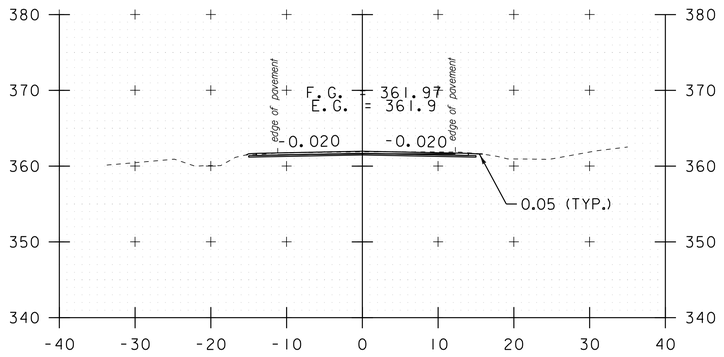
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 150 OF 186



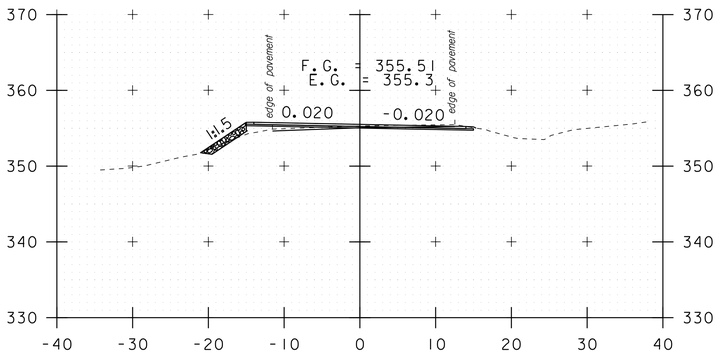




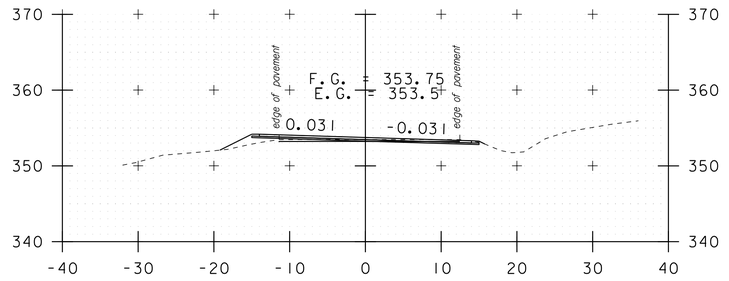
c 24+95



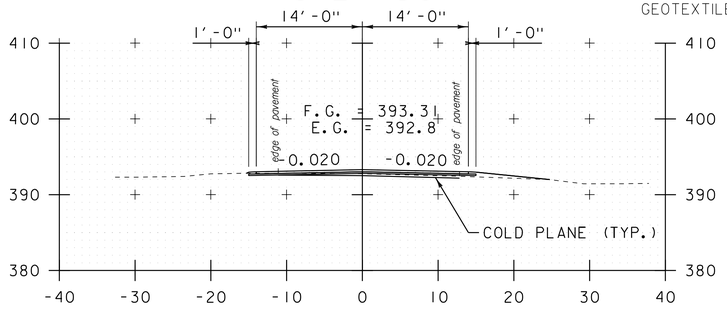
c 27+20



c 28+00

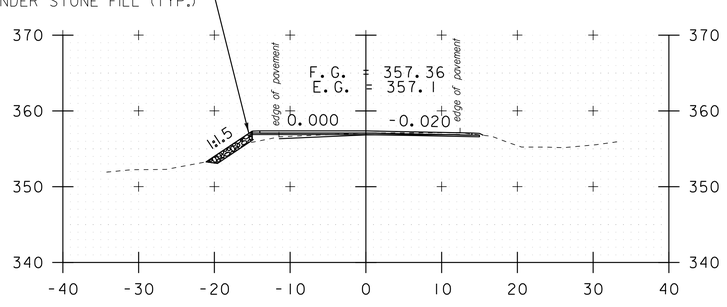


c 24+50

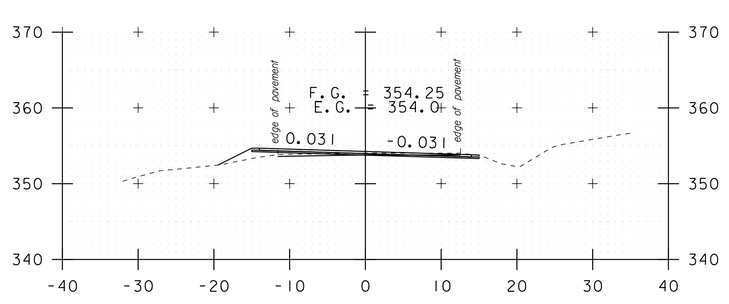


12" TYPE I STONE FILL (TYP.)
GEOTEXTILE UNDER STONE FILL (TYP.)

c 26+85



c 27+50



c 19+50
DRIVE RT

c 25+95

c 27+35

DATUM
NAVD 88
NAD 83

STA. c 19+50 TO STA. c 28+00

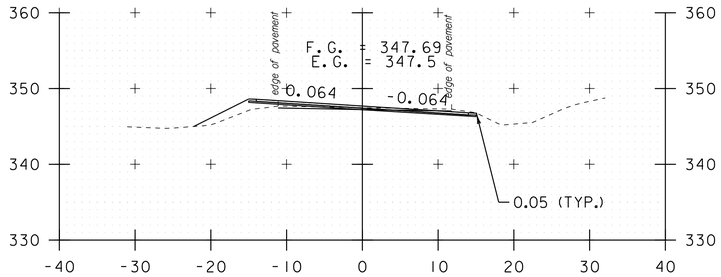
SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 46

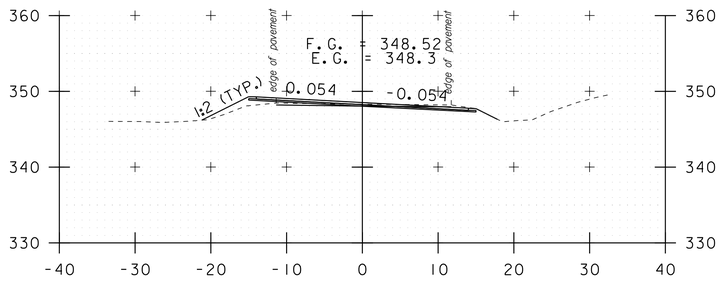
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_151.i

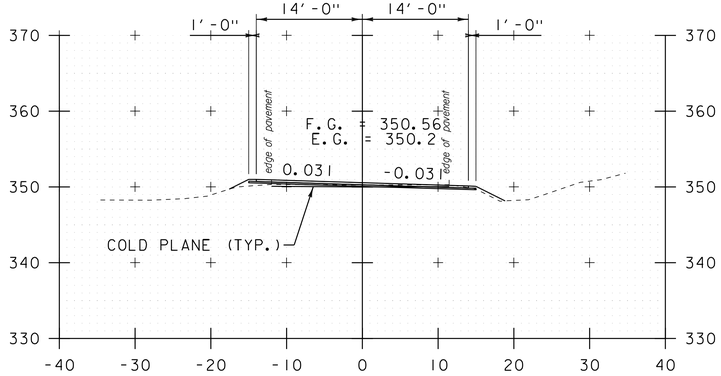
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 151 OF 186



c 29+05

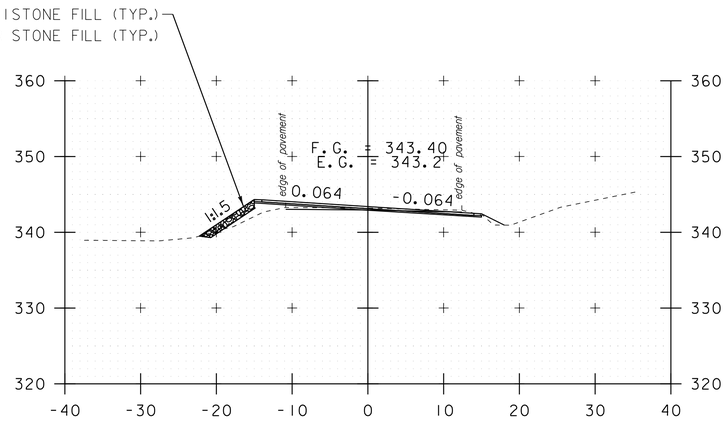


c 28+82

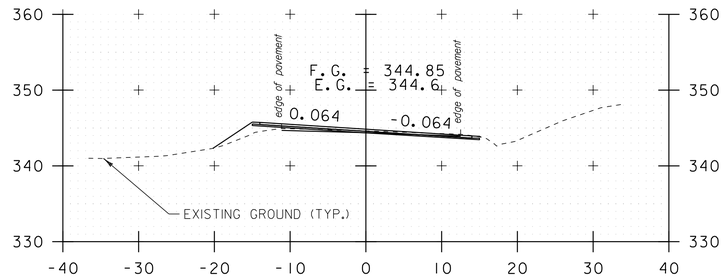


c 28+30

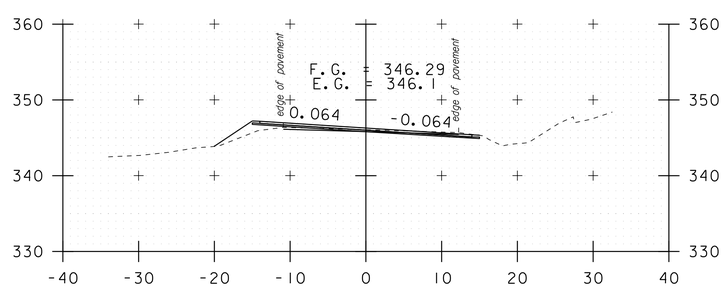
12" TYPE I STONE FILL (TYP.)
GEOTEXTILE UNDER STONE FILL (TYP.)



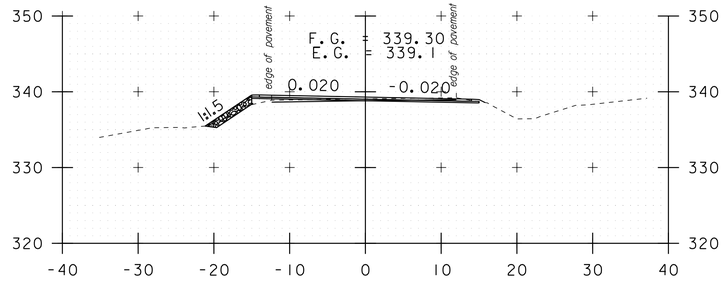
c 30+50



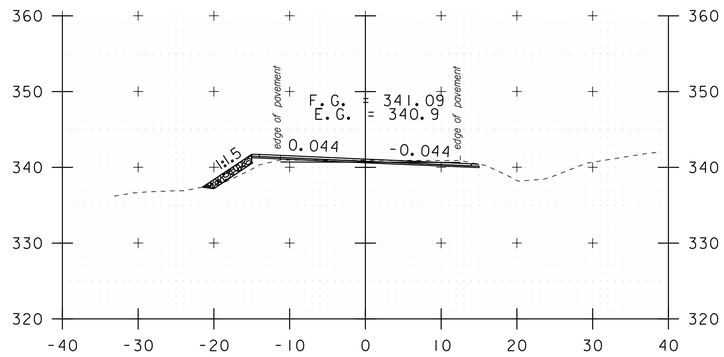
c 30+00



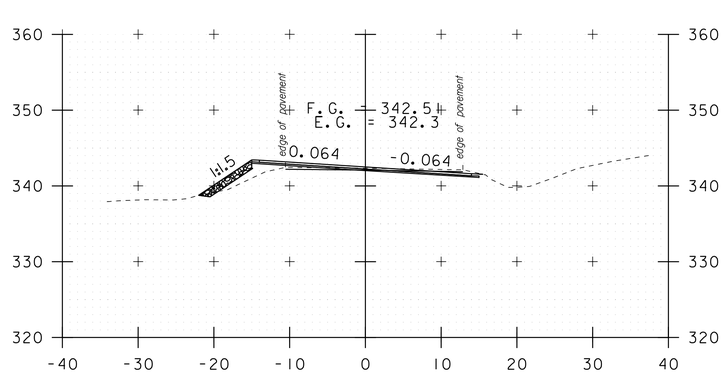
c 29+50



c 31+80



c 31+25



c 30+80

STA. c 28+30 TO STA. c 31+80

SCALE 1" = 10'-0
10 0 10

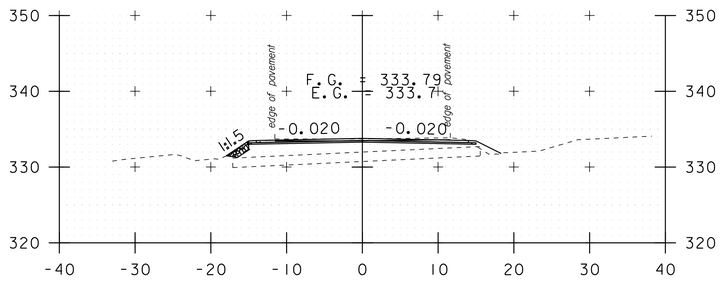
DATUM
NAVD 88
NAD 83

CROSS SECTION SHEET 47

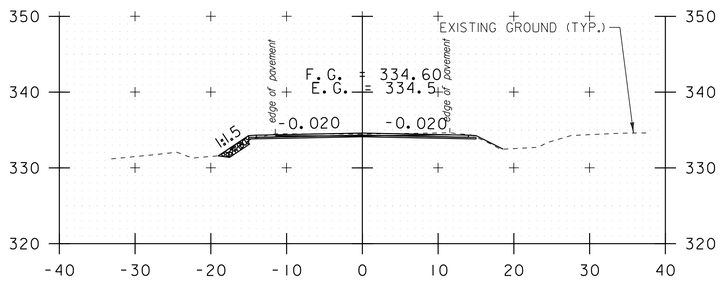
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_152.i

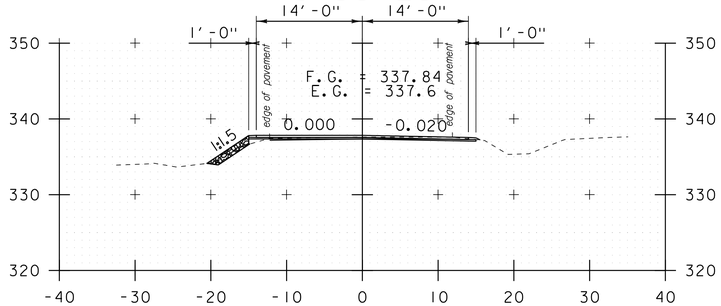
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 152 OF 186



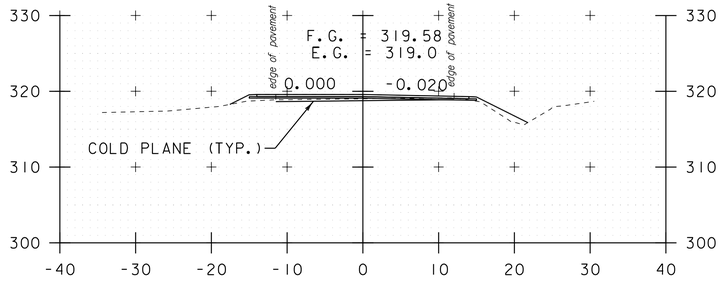
c 33+50



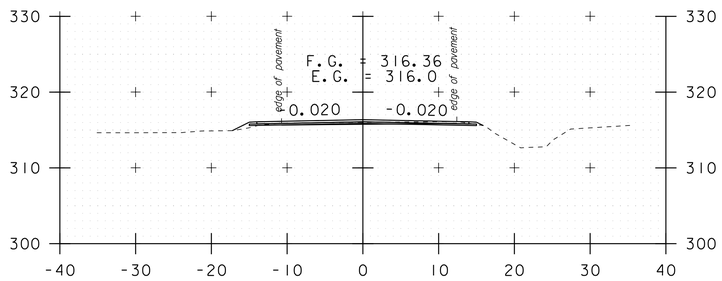
c 33+25



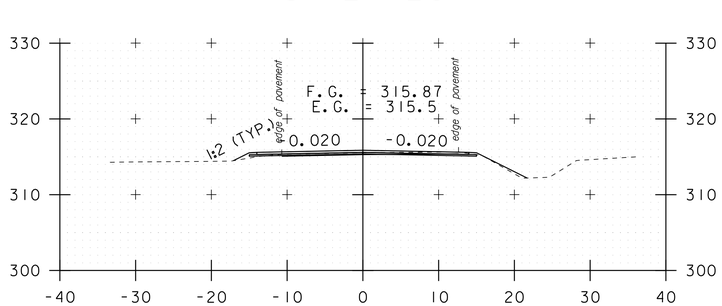
c 32+25



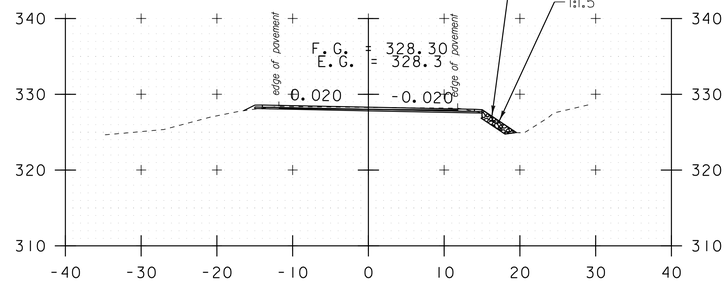
d 128+20



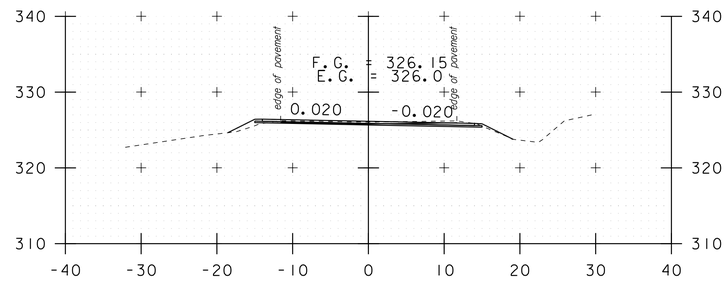
d 127+20



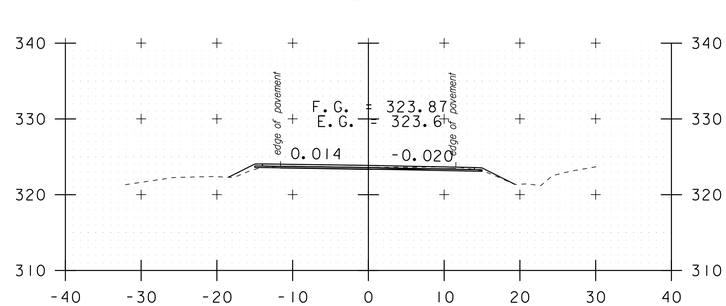
d 127+00



d 129+60



d 129+17



STA. c 32+25 TO STA. d 130+00

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

CROSS SECTION SHEET 48

PROJECT NAME: ADDISON-NEW HAVEN

PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

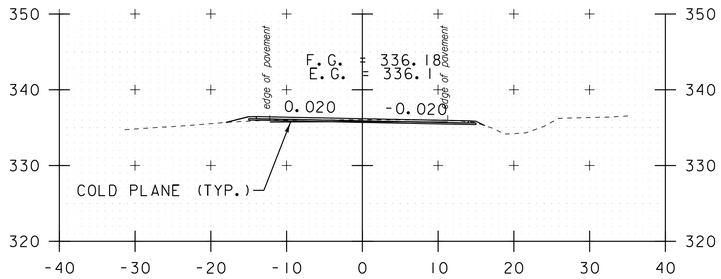
PLOT FILE: p95B076_153.i

PLOT DATE: 3/13/2012

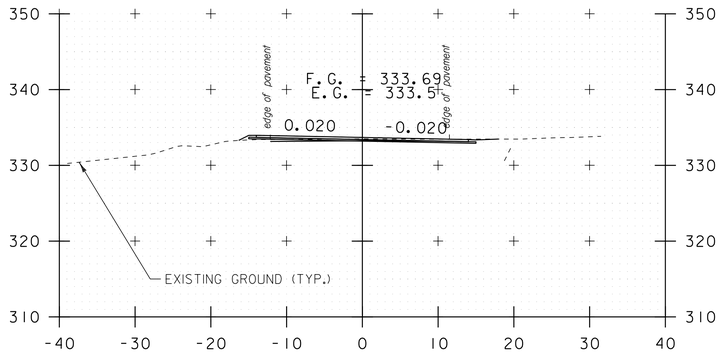
DRAWN BY: SJL

CHECKED BY: EPD

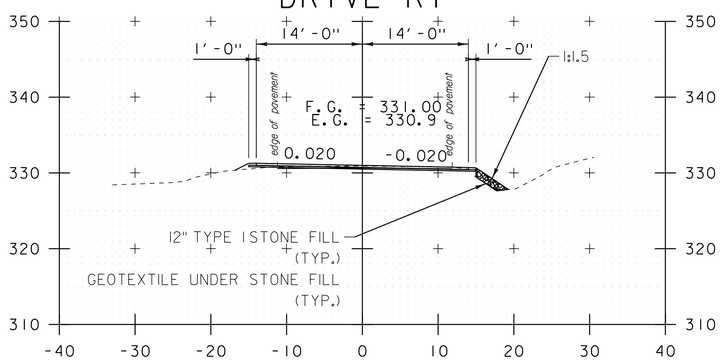
SHEET 153 OF 186



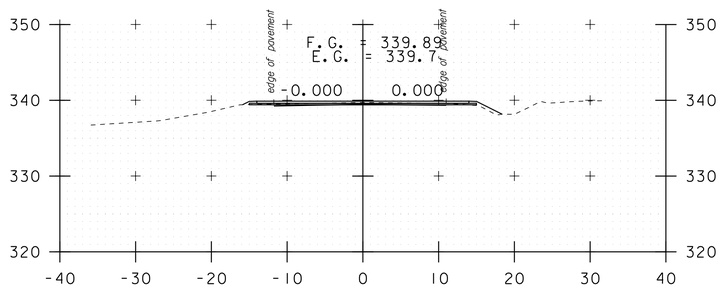
d 131+50



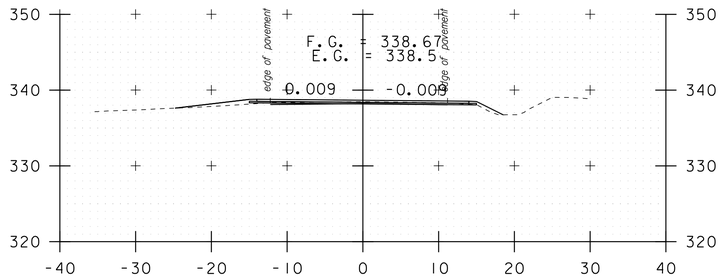
d 131+00
DRIVE RT



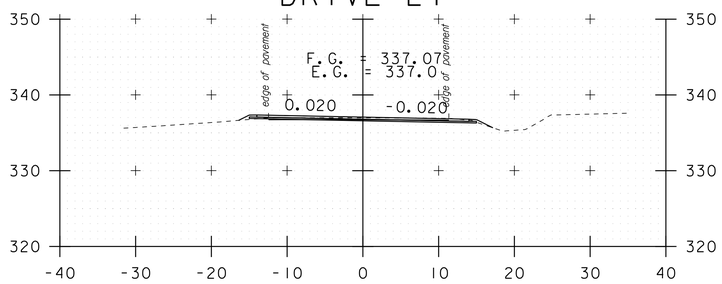
d 130+50



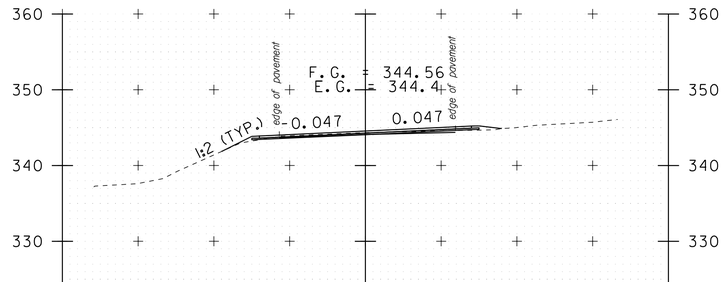
d 132+45



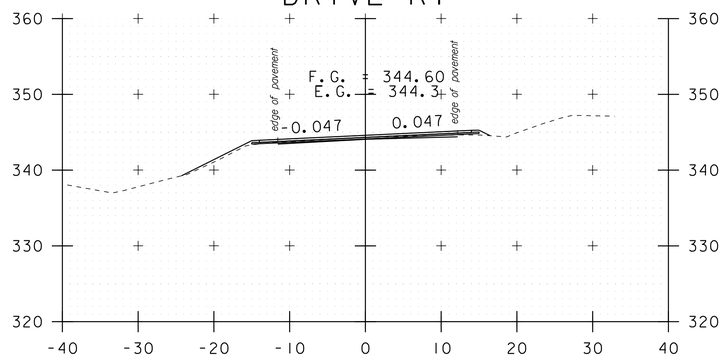
d 132+10
DRIVE LT



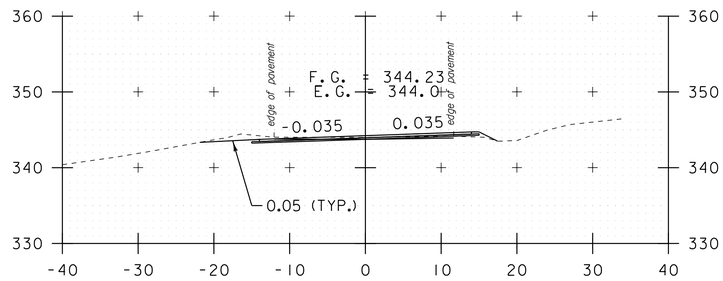
d 131+70



d 134+50
DRIVE RT



d 134+20



d 133+76

STA. d 130+50 TO STA. d 134+50

SCALE 1" = 10'-0
10 0 10

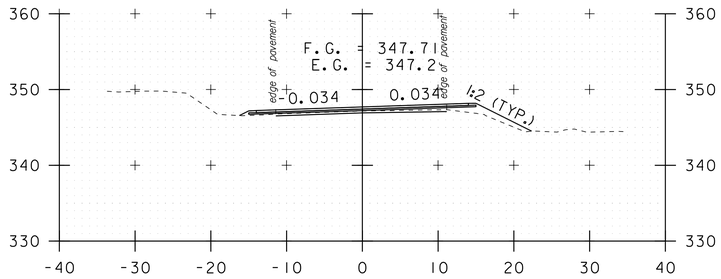
DATUM
NAVD 88
NAD 83

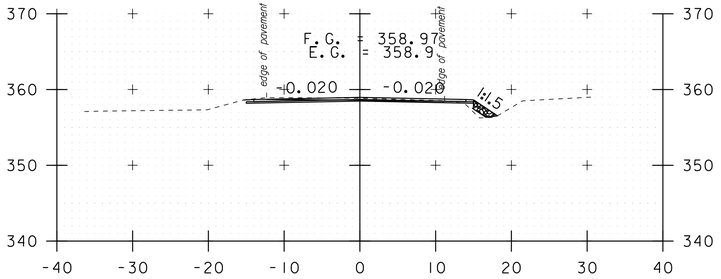
CROSS SECTION SHEET 49

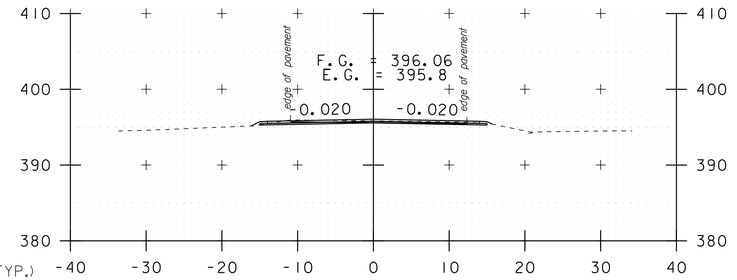
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_154.i

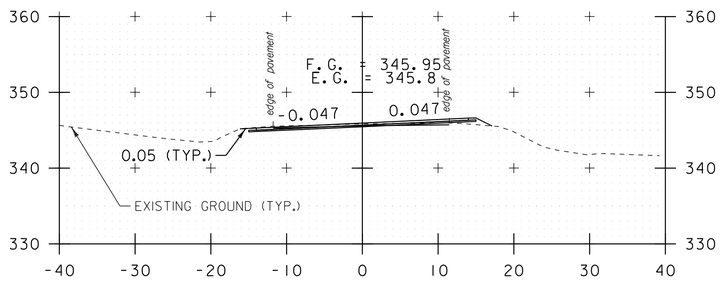
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 154 OF 186



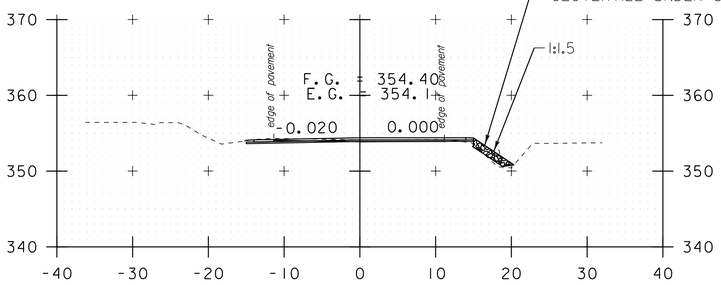




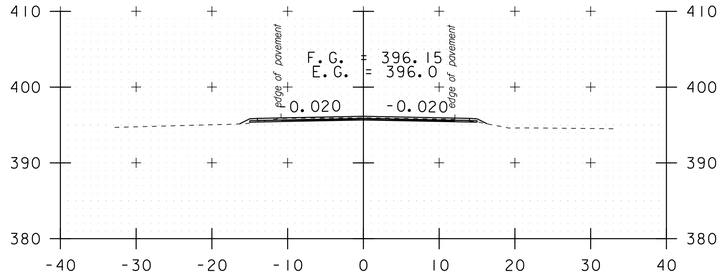
d 135+69



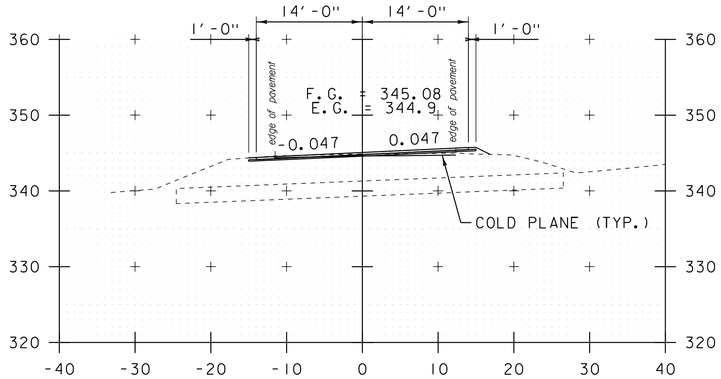
d 137+70



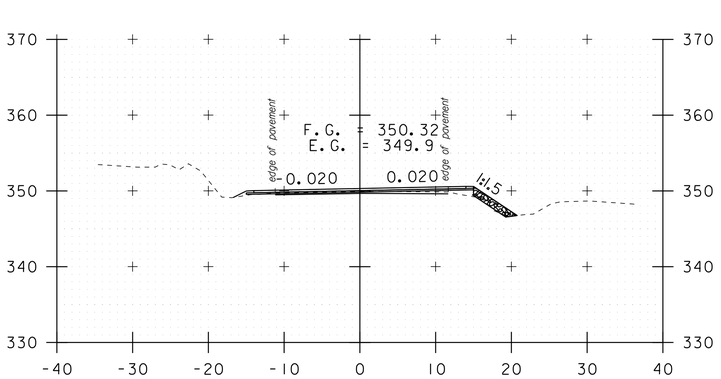
d 158+30



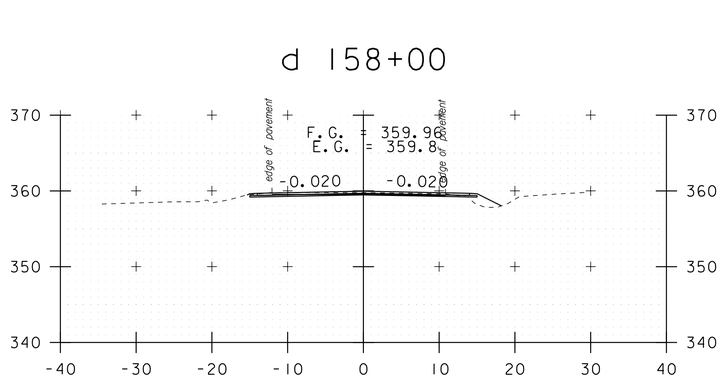
d 135+30



d 136+70



d 158+00



d 135+00

d 136+10

d 138+00

STA. d 135+00 TO STA. d 158+30

SCALE 1" = 10'-0

10 0 10

DATUM

NAVD 88

NAD 83

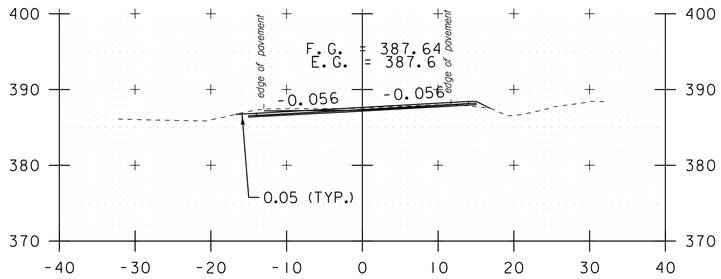
CROSS SECTION SHEET 50

PROJECT NAME: ADDISON-NEW HAVEN

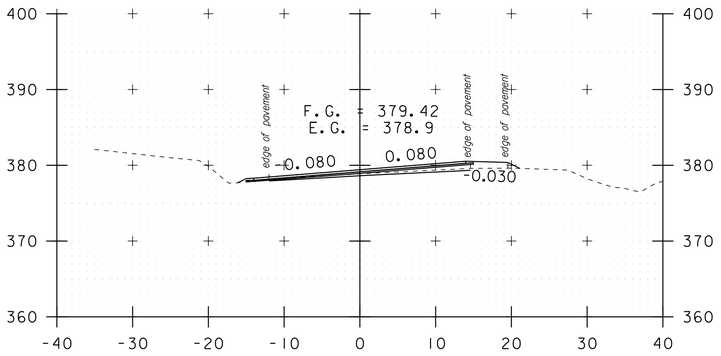
PROJECT NUMBER: STP 9632(1)

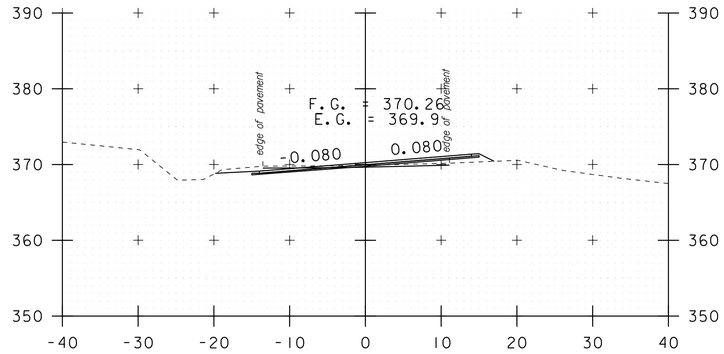
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_155.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD

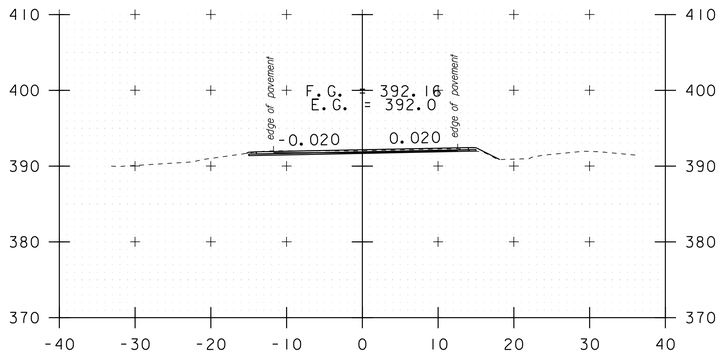


d 160+56

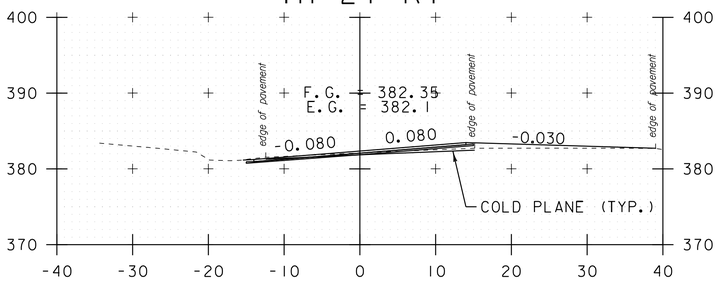


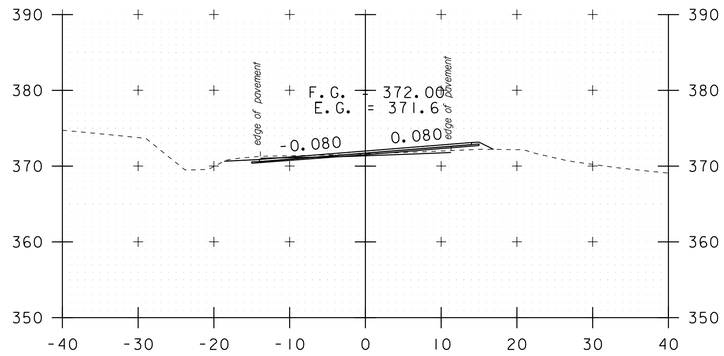


d 163+20

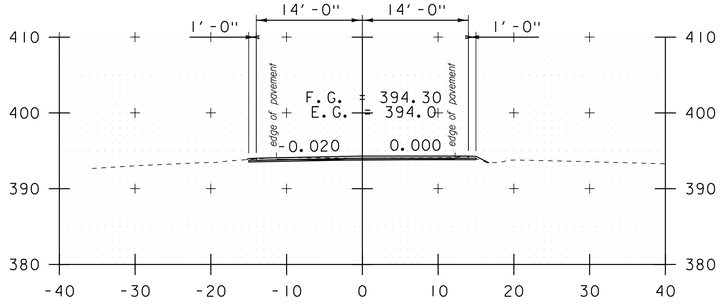


d 162+00
TH#21 RT



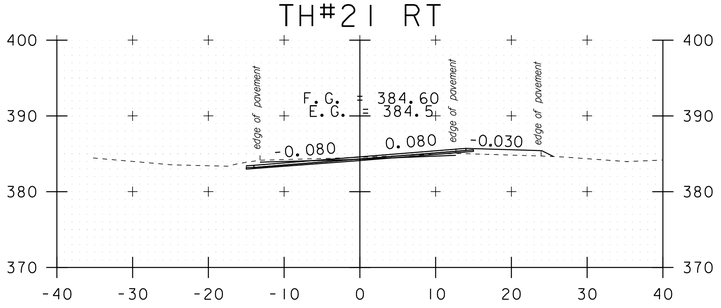


d 159+75



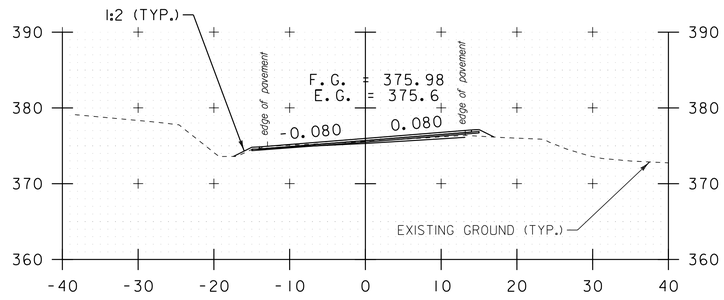
d 159+30

d 161+50
TH#21 RT



d 161+10
TH#21 RT

d 163+00



d 162+50

STA. d 159+30 TO STA. d 163+20

SCALE 1" = 10'-0
10 0 10

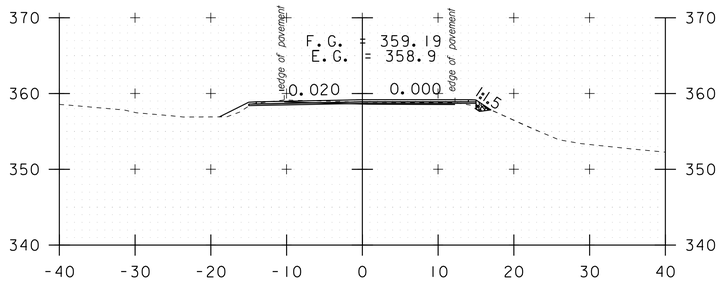
DATUM
NAVD 88
NAD 83

CROSS SECTION SHEET 51

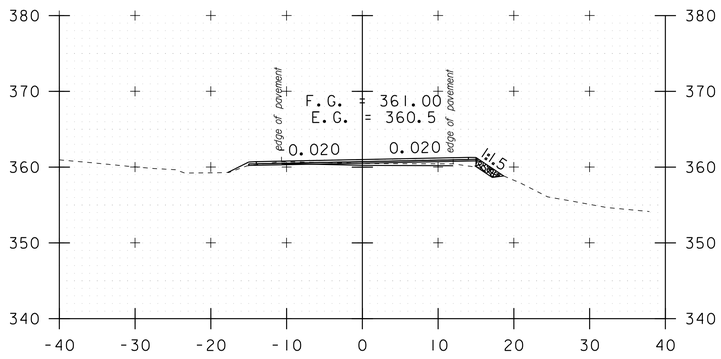
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_156.i

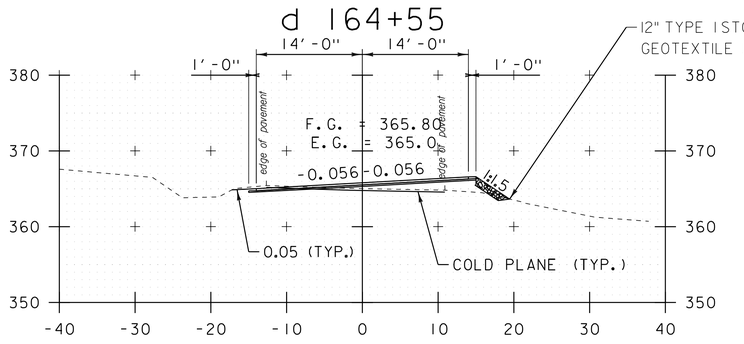
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 156 OF 186



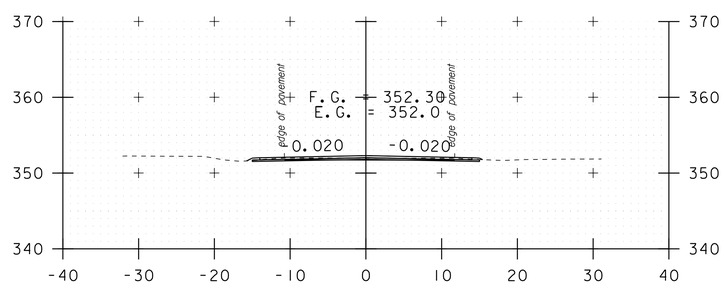
d 165+00



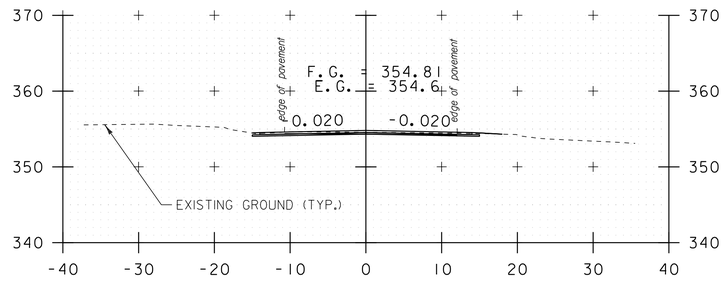
d 164+55



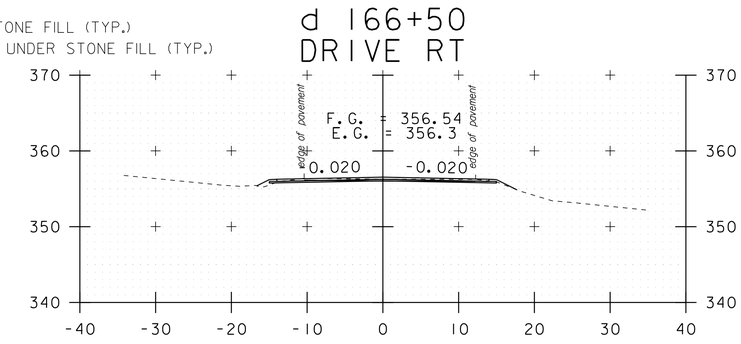
d 163+75



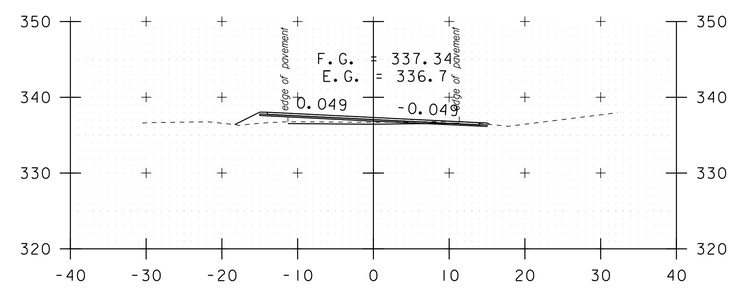
d 166+95



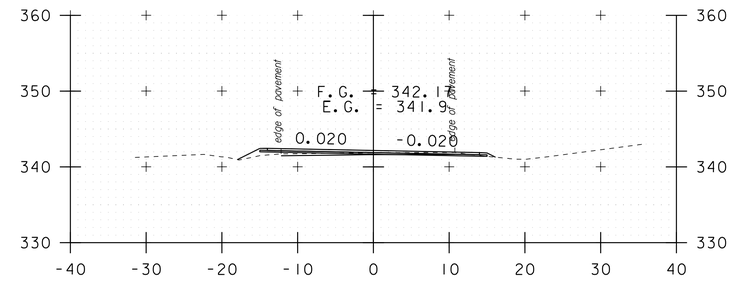
d 166+50
DRIVE RT



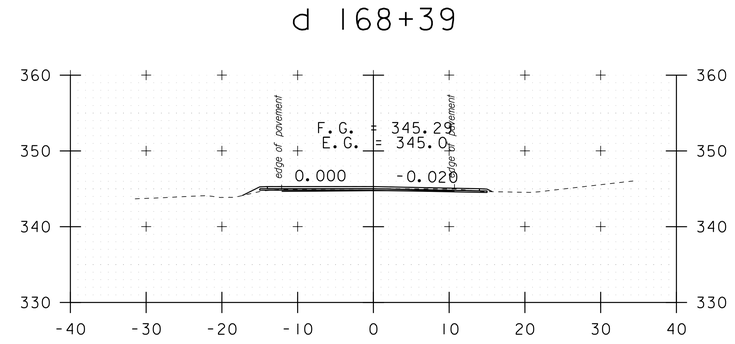
d 166+00



d 169+04



d 168+39



d 167+95

STA. d 163+75 TO STA. d 169+04

SCALE 1" = 10'-0
10 0 10

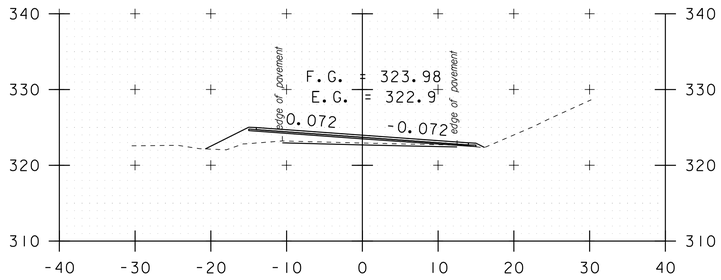
CROSS SECTION SHEET 52

DATUM
NAVD 88
NAD 83

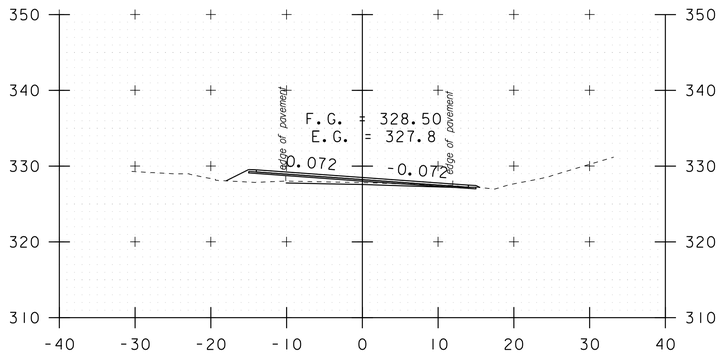
PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_157.i

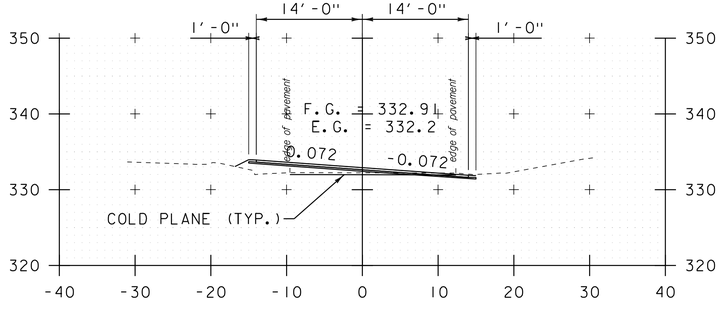
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 157 OF 186



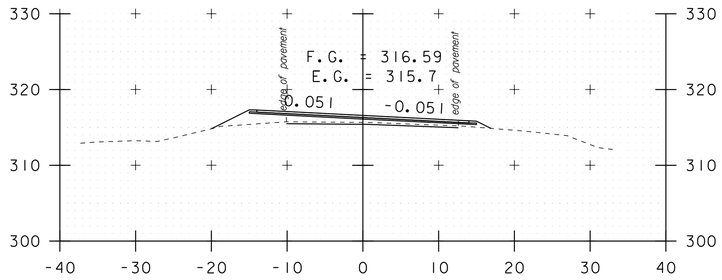
d 170+50



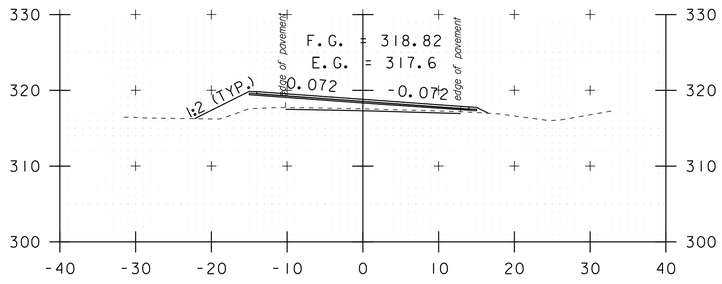
d 170+00



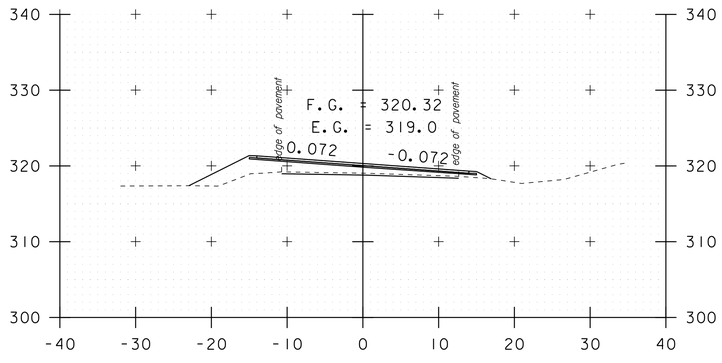
d 169+55



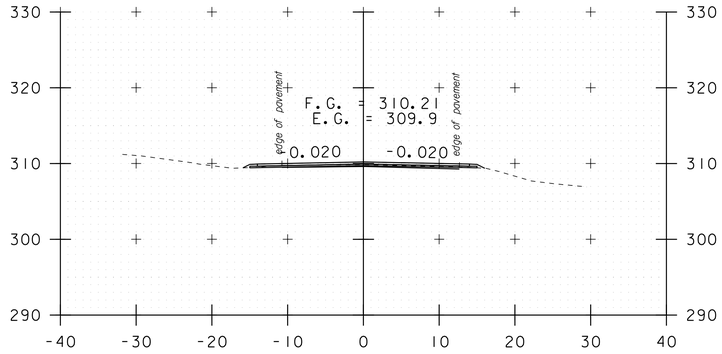
d 171+72



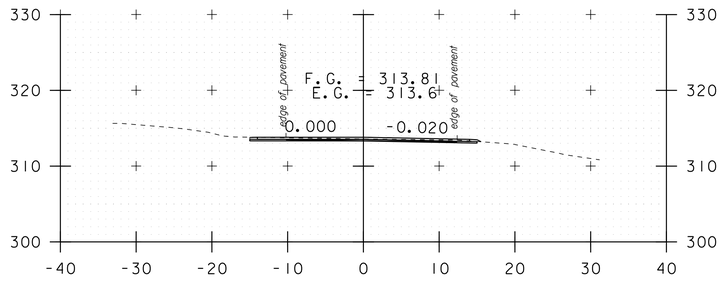
d 171+25



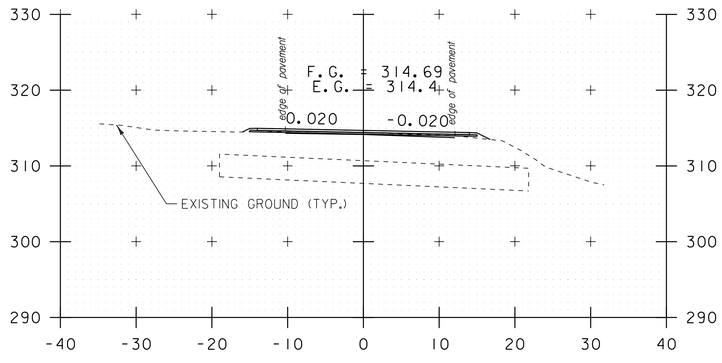
d 171+00



d 173+85



d 172+85



d 172+41

STA. d 169+55 TO STA. d 173+85

SCALE 1" = 10'-0
10 0 10

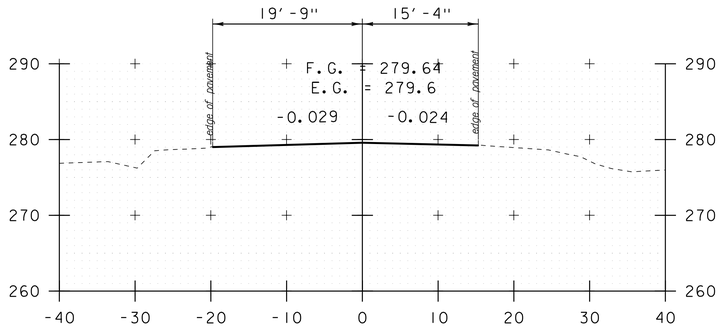
CROSS SECTION SHEET 53

DATUM
NAVD 88
NAD 83

PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

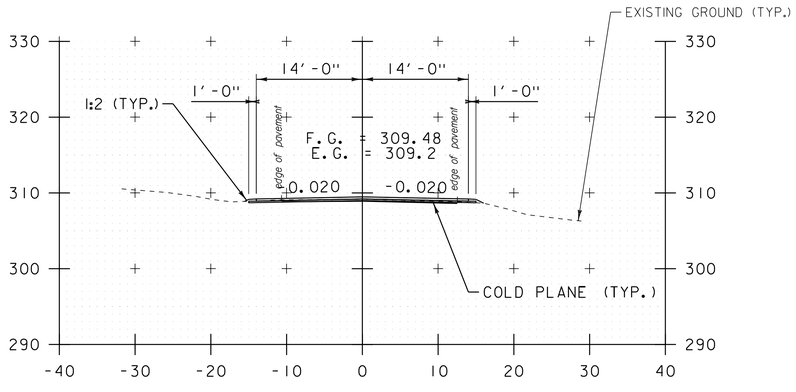
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_158.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 158 OF 186



d 182+13

END PROJECT
MATCH EXISTING



d 174+00

DATUM
NAVD 88
NAD 83

STA. d 174+00 TO STA. d 174+00

SCALE 1" = 10'-0
10 0 10

CROSS SECTION SHEET 54

PROJECT NAME: ADDISON-NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_159.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 159 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 457+47 LT ADDISON							1				2					X		X														SALVAGED SIGN			
STA. 462+74 RT ADDISON							1				1					X		X														SALVAGED SIGN			
							1																													
STA. 481+87 RT ADDISON							1				1					X		X														SALVAGED SIGN			
STA. 484+49 RT ADDISON							1				2					X		X														SALVAGED SIGN			
							1																													
STA. 484+92 RT ADDISON			48	24	8.00		1				2					X		X														NEW SIGN INSTALLED ~~SALVAGED SIGN~~			
							1																										SALVAGED SIGN			
STA. 485+59 RT ADDISON							1				2					X		X														SALVAGED SIGN			
STA. 453+51 RT			30	30	6.25				1																							NEW STOP SIGN INSTALLED ON EXISTING POST			
												LF	LF	LF	LF	LF 135	LF	EA.		LB	LB	LB		LB	LB	LB	LB									
TOTALS		SF -	SF		EA. 9	SF						LF			LF 135					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_160.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 160 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 487+50 LT ADDISON			30	30	6.25		+				2					X		X														NEW SIGN INSTALLED ~~SALVAGED SIGN~~			
	40 M.P.H.		18	18	2.25		+																									NEW SIGN INSTALLED			
STA. 489+57 LT ADDISON							1				2					X		X														SALVAGED SIGN			
							1																													
STA. 498+29 LT ADDISON			30	30	6.25		+				1					X		X														NEW SIGN INSTALLED ~~SALVAGED SIGN~~			
STA. 499+25 RT ADDISON	SPEED LIMIT 45						1				1					X		X														SALVAGED SIGN			
STA. 510+79 RT ADDISON			30	30	6.25		1				1					X		X														NEW SIGN INSTALLED ~~SALVAGED SIGN~~			
	35 M.P.H.						+																										SALVAGED SIGN			
STA. 447+70 LT	BRIDGE TO NEW YORK				6.00				X																							NEW SIGN INSTALLED ON EXISTING POST			
STA. 455+56 LT	ADDISON CROWN POINT 9				6.00				X																							NEW SIGN INSTALLED ON EXISTING POST			
												LF	LF	LF	LF	LF 105	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF -	SF	EA. 8	SF				LF			LF 105					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_161.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 161 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED & REINSTALLED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 517+72 LT ADDISON							I				I					X		X															SALVAGED SIGN			
STA. 526+20 RT ADDISON							I				2					X		X															SALVAGED SIGN			
STA. 526+25 RT ADDISON							I				2					X		X															SALVAGED SIGN			
STA. 530+09 RT ADDISON			30	30	6.25		I				I					X		X															NEW SIGN INSTALLED ~~SALVAGED SIGN~~			
STA. 538+40 RT ADDISON			30	30	6.25		+				I					X		X															NEW SIGN INSTALLED ~~SALVAGED SIGN~~			
STA. 541+75 RT ADDISON							I				I					X		X															SALVAGED SIGN			
	OTTER CREEK RD						I																														
STA. 541+81 LT ADDISON					6.25		+				I					X		X															SALVAGED SIGN			
STA. 549+13 RT ADDISON	SPEED LIMIT 45						I				I					X		X															SALVAGED SIGN			
STA. 445+68 RT	EAST VERMONT 17						2				I																						SALVAGED SIGNS INSTALLED ON NEW POST			
												LF	LF	LF	LF	LF 150	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF -	SF	EA. 9	SF				LF			LF 150					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_I62.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET I62 OF I86

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN REMOVED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		7.6	9.0	10.8	14.6	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7													
STA. 552+81 LT ADDISON							1				1					X		X														SALVAGED SIGN			
	OTTER CREEK RD						1																													
STA. 559+45 RT ADDISON	SCHOOL BUS STOP AHEAD						1				1					X		X														SALVAGED SIGN			
STA. 561+67 RT ADDISON							1				1					X		X														SALVAGED SIGN			
STA. 565+38 LT ADDISON							1				1					X		X														SALVAGED SIGN			
STA. 583+25 RT ADDISON							1				1					X		X														SALVAGED SIGN			
STA. 583+51 LT ADDISON	SPEED LIMIT 45						1				1					X		X														SALVAGED SIGN			
STA. 580+60 LT	23 JCT		24	24	4.00		1				1																					NEW SIGN INSTALLED ON NEW POST WITH SALVAGED SIGN			
STA. 582+25 LT							1				1																					SALVAGED SIGN ON NEW POST			
STA. 515+89 LT							1				2																					SALVAGED SIGN ON NEW POSTS			
												LF	LF	LF	LF	LF 90	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB							
TOTALS		SF -	SF		EA. 7	SF						LF			LF 90					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_163.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 163 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 585+14 RT ADDISON	NEW HAVEN JCT 5						1				2					X		X															SALVAGED SIGNS			
	BRISTOL 10						1																													
	MIDDLEBURY 8 →						1																													
STA. 586+93 LT ADDISON	ADDISON 3						1				2					X		X															SALVAGED SIGNS			
	WEST						1																													
	VERMONT 17						1																													
STA. 587+13 RT ~~STA. 586+93 LT~~ ADDISON	EAST SOUTH						2				2					X		X															SALVAGED SIGNS			
	VERMONT 17 23						2																													
	↑ →						2																													
STA. 587+81 RT ADDISON	→						1				2					X		X															SALVAGED SIGN			
												LF	LF	LF	LF	LF 120	LF	EA.		LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF -	SF		EA. 13	SF						LF			LF 120					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 5

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_164.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 164 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 587+92 RT ADDISON STA. a 0+00 RT WEYBRIDGE	Weybridge / Addison	1	72	10	5.00						2					X		X														VD-024		182	
	0170 0122 0000	1	6	10	0.42																											VD-700			E-138
	0170 0101 1113	1	6	10	0.42																											VD-700			E-138
STA. a 0+07 RT WEYBRIDGE	STOP	1	30	30	6.25						1					X		X														RI-1	SHS		
STA. a 0+09 RT WEYBRIDGE	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														VR-017			E-141
STA. a 0+45 LT WEYBRIDGE	⟷	1	48	24	8.00						2					X		X														WI-7	SHS		
STA. a 0+57 RT WEYBRIDGE	WEYBRIDGE RD						1				1					X		X																	
	STOP	1	30	30	6.25																											RI-1	SHS		
STA. a 1+03 RT WEYBRIDGE	←	1	48	24	8.00						2					X		X														WI-6L	SHS		
STA. 515+93 LT	←						1				2																					SALVAGED SIGN ON NEW POSTS			
												LF	LF	LF	LF	LF 135	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 39.34	SF	EA. 1	SF				LF			LF 135					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_165.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 165 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. a 1+45 LT WEYBRIDGE	SOUTH WEST	1	24	12	2.00						2					X		X													#2	M3-3 SIGN FRAME REQUIRED BLACK ON WHITE M3-4 GREEN ON WHITE	SHS SHS		
	23 VERMONT 17	1	24	24	4.00																												MI-5			E-136C E-136B
	← ↑	1	21	15	2.19																												M6-1 BLACK ON WHITE M6-3 GREEN ON WHITE	SHS SHS		
STA. a 1+79 RT WEYBRIDGE	EAST	1	24	12	2.00						1						X	X															M3-2			E-136B
	VERMONT 17	1	24	24	4.00																												MI-5			E-136B
STA. a 3+75 RT WEYBRIDGE	New Haven Jct 5	1	72	12	6.00						2						X	X															VD2-1			I82
	Bristol 10	1	72	12	6.00																												VD2-1			I82
STA. a 5+27 LT WEYBRIDGE	↱	1	30	30	6.25						1					X		X															WI-10R	SHS		
STA. 587+13 LT							5				2																						SALVAGED SIGNS ON NEW POSTS			
STA. 487+50 RT																																	POST RETAINED, NEW ANCHOR			
												LF	LF	LF	LF	LF 45	LF 45		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 40.63	SF	EA.	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_I66.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET I66 OF I86

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 8

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. a 6+59 RT WEYBRIDGE	SPEED LIMIT 45	1	24	30	5.00						1					X		X														R2-1	SHS		
STA. a 7+25 LT WEYBRIDGE	JCT	1	21	15	2.19						1					X		X														M2-1 BLACK ON WHITE	SHS		
	23	1	24	24	4.00																														E-136C
STA. a 10+60 ~~RT~~ LT NEW HAVEN	Weybridge | New Haven	1	72	10	5.00		3				2					X		X														SALVAGED SIGNS ON NEW POSTS VD-024		182	
	0170 0122 0022	1	6	10	0.42																											VD-700			E-138
	0170 0113 0000	1	6	10	0.42																											VD-700			E-138
STA. a 10+67 RT WEYBRIDGE		1	12	36	3.00						1					X		X														OM-3R	SHS		
STA. a 10+67 LT WEYBRIDGE		1	12	36	3.00						1					X		X														OM-3L	SHS		
STA. b 1+57 LT NEW HAVEN		1	12	36	3.00						1					X		X														OM-3R	SHS		
STA. b 1+59 RT NEW HAVEN		1	12	36	3.00						1					X		X														OM-3L	SHS		
												LF	LF	LF	LF	LF 120	LF	EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 29.03	SF	EA.	SF				LF			LF 120				LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_167.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 167 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 9

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVE REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. b 2+60 RT NEW HAVEN	BUS STOP AHEAD	1	36	36	9.00						2					X		X														S3-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHS		
STA. b 3+19 LT NEW HAVEN		1	48	24	8.00						2					X		X														W1-6R	SHS		
STA. b 3+49 LT NEW HAVEN		1	48	24	8.00						2					X		X														W1-6L	SHS		
STA. B 5+00 RT NEW HAVEN		1	30	30	6.25						1					X		X														WRONG COLOR SPECIFIED W2-1M FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHS		
	25 M.P.H.	1	18	18	2.25																											W13-1 FLUORESCENT YELLOW-~~GREEN~~, TYPE IX SHEETING	SHS		
STA. b 6+71 RT NEW HAVEN	Weybridge 2	1	72	12	6.00						2					X		X														VDI-1A		182	
STA. B 5+50 LT	VERMONT 17				4.0																											NEW SIGNS INSTALLED ON NEW POST			
	WEST				2.0																														
STA. B 5+00 RT			30	30	6.25																											ORIGINAL SIGN COLOR SPECIFIED WAS WRONG - THIS SIGN REPLACES IT ON ORDINAL POSTS. "FLUORESCENT YELLOW"			
												LF	LF	LF	LF	LF 135	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 39.50	SF	EA.	SF				LF			LF 135					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 9

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_168.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 168 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 10

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	2.0 (2.42)	2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	4.0 (1.7)	4.0 MOD (1.7)	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 (7.6)	3.5 (9.0)	4.0 (10.8)	5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. b 8+72 LT NEW HAVEN	HALLOCK RD						1				1					X		X																	
	STOP	1	30	30	6.25																												RI-1	SHS		
	0170 0113 0017	1	6	10	0.42																												VD-700			E-138
STA. b 8+96 LT NEW HAVEN	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														VR-017			E-141
STA. b 9+06 LT NEW HAVEN	STOP	1	30	30	6.25						1					X		X														RI-1	SHS		
STA. b 9+48 RT NEW HAVEN	SPEED LIMIT 40						1				1					X		X																	
	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00																											VR-017			E-141
STA. b 9+49 RT NEW HAVEN	STOP	1	30	30	6.25						1					X		X														RI-1	SHS		
STA. b 9+74 RT NEW HAVEN	OTTER CREEK HWY RT 17						1				1					X		X																	
	QUAKER VILLAGE RD						1																													
												LF	LF	LF	LF	LF 90	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 29.17	SF	EA. 4	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 10

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_169.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 169 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 11

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVE & REINSTALL REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. B 9+74 RT	STOP	1	30	30	6.25																												RI-1	SHS		
STA. b 10+04 RT NEW HAVEN	STOP	1	30	30	6.25						1					X		X															RI-1	SHS		
STA. b 10+50 RT NEW HAVEN	EAST	1	24	12	2.00						1					X		X															M3-2 GREEN ON WHITE	SHS		
	VERMONT 17	1	24	24	4.00																												MI-5			E-136B
	0170 0113 0020	1	6	10	0.42																												VD-700			E-138
STA. b 12+02 LT NEW HAVEN	← Weybridge 2	1	72	12	6.00						2					X		X															VDI-1A		182	
STA. b 17+28 RT NEW HAVEN		1	30	30	6.25						1					X		X															WRONG COLOR SPECIFIED W2-1M FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHS		
	25 M.P.H.	1	18	18	2.25																												WRONG COLOR SPECIFIED W13-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHS		
STA. b 17+34 LT NEW HAVEN		1	30	30	6.25						1					X		X															WRONG COLOR SPECIFIED W2-1M FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHS		
	25 M.P.H.	1	18	18	2.25																												WRONG COLOR SPECIFIED W13-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHS		
												LF	LF	LF	LF	LF 90	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB								
TOTALS					SF 41.92	SF	EA.	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 11

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_170.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 170 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 12

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. b 19+27 LT NEW HAVEN	BUS STOP AHEAD	1	36	36	9.00						2					X		X														S3-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHS		
STA. b 21+12 LT NEW HAVEN	0170 0113 0040	1	6	10	0.42						1				X			X														VD-700			E-138
STA. b 23+75 RT NEW HAVEN		1	30	30	6.25						1					X		X														W1-2L	SHS		
STA. b 28+00 LT NEW HAVEN		1	30	30	6.25						1					X		X														W1-2R	SHS		
STA. b 33+96 RT NEW HAVEN	SPEED LIMIT 45	1	24	30	5.00						1					X		X														R2-1	SHS		
	0170 0113 0064	1	6	10	0.42																											VD-700			E-138
STA. b 42+87 LT NEW HAVEN	SPEED LIMIT 45	1	24	30	5.00						1					X		X														R2-1	SHS		
	0170 0113 0081	1	6	10	0.42																											VD-700			E-138
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF 8	LF 90	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 32.76	SF	EA.	SF				LF			LF 98					LB			EA.	LB				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET 12

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_171.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 171 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 13

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN REQUIRED FRAMED	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
STA. b 46+55 RT NEW HAVEN	SPEED LIMIT 40						1				1					X		X																	
	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00																											VR-017			E-141
STA. b 47+04 RT NEW HAVEN	FIELD DAYS RD						1				1					X		X																	
	STOP	1	30	30	6.25																											RI-1	SHS		
	0170 0113 0089	1	6	10	0.42																											VD-700			E-138
STA. b 53+00 RT NEW HAVEN	0170 0113 0100	1	6	10	0.42						1				X			X														VD-700			E-138
STA. B 17+28 RT			30	30																											ORIGINAL SIGN COLOR SPECIFIED WAS WRONG - THIS SIGN REPLACES IT ON ORIGINAL POSTS. "FLUORESCENT YELLOW"			
STA. B 17+28 RT	SPEED LIMIT 25		18	18																											ORIGINAL SIGN COLOR SPECIFIED WAS WRONG - THIS SIGN REPLACES IT ON ORIGINAL POSTS. "FLUORESCENT YELLOW"			
STA. B 17+34 LT			30	30																											ORIGINAL SIGN COLOR SPECIFIED WAS WRONG - THIS SIGN REPLACES IT ON ORIGINAL POSTS. "FLUORESCENT YELLOW"			
STA. B 17+34 RT	SPEED LIMIT 25		18	18																											ORIGINAL SIGN COLOR SPECIFIED WAS WRONG - THIS SIGN REPLACES IT ON ORIGINAL POSTS.			
												LF	LF	LF	LF 8	LF 30	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 12.09	SF	EA. 2	SF				LF			LF 38					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 13

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(I)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_I72.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 172 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. b 63+36 RT NEW HAVEN	0170 0113 0120	1	6	10	0.42						1				X			X														VD-700			E-138
STA. b 69+00 RT NEW HAVEN		1	30	30	6.25						1					X		X														WI-4R	SHS		
	35 M.P.H.	1	18	18	2.25																											WI3-1	SHS		
STA. b 73+92 LT NEW HAVEN	0170 0113 0140	1	6	10	0.42						1				X			X														VD-700			E-138
STA. b 84+48 RT NEW HAVEN	0170 0113 0160	1	6	10	0.42						1				X			X														VD-700			E-138
STA. b 87+74 LT NEW HAVEN	SPEED LIMIT 45	1	24	30	5.00						1					X		X														R2-1	SHS		
STA. b 95+04 LT NEW HAVEN	0170 0113 0180	1	6	10	0.42						1				X			X														VD-700			E-138
STA. B 79+75 LT			30	30	6.25						1																					NEW SIGNS SHOWN ON LAYOUT SHEETS, OMITTED FROM SUMMARY SHEET			
	SPEED LIMIT 35		18	18	2.25																														
												LF	LF	LF	LF 32	LF 30	LF	EA.	LB	LB	LB		LB	LB	LB	LB								

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TOTALS	SF 15.18	SF	EA.	SF		LF	LF 62	LB	EA.	LB	EA.	EA.	LB

TRAFFIC SIGN SUMMARY SHEET 14

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_173.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 173 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 15

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. b 105+60 RT NEW HAVEN	0170 0113 0200	1	6	10	0.42						1				X			X														VD-700			E-138
STA. b 116+16 RT NEW HAVEN	SPEED LIMIT 45	1	24	30	5.00						1					X		X														R2-1	SHS		
	0170 0113 0220	1	6	10	0.42																											VD-700			E-138
STA. b 117+46 ~~RT~~ LT NEW HAVEN STA. c 0+00 ~~RT~~ LT WALTHAM	New Haven | Waltham	1	72	10	5.00						2					X		X														VD-024		182	
	0170 0113 0222	1	6	10	0.42																											VD-700			E-138
	0170 0121 0000	1	6	10	0.42																											VD-700			E-138
STA. c 9+75 RT WALTHAM		1	30	30	6.25						1					X		X														WI-2R	SHS		
	40 M.P.H.	1	18	18	2.25																											WI3-1	SHS		
STA. c 10+56 RT WALTHAM	0170 0121 0020	1	6	10	0.42						1				X			X														VD-700			E-138
												LF	LF	LF	LF 16	LF 60	LF	EA.		LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 20.60	SF	EA.	SF				LF			LF 76					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 15

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_174.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 174 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 17

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) lb/ft FOUND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. c 31+68 RT WALTHAM	0170 0121 0060	1	6	10	0.42						1				X			X															VD-700			E-138
STA. c 31+85 LT WALTHAM	SPEED LIMIT 45	1	24	30	5.00						1					X		X															R2-1	SHS		
STA. c 37+11 LT WALTHAM	GREEN ST		24	9	1.5		+				1					X		X															NEW SIGN			
	STOP	1	30	30	6.25																												R1-1	SHS		
	0170 0121 0070	1	6	10	0.42																												VD-700			E-138
STA. c 37+11 RT WALTHAM	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															VR-017			E-141
	SPEED LIMIT 40						1																													
STA. c 37+52 LT WALTHAM	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															VR-017			E-141
												LF	LF	LF	LF 8	LF 60	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 22.09	SF	EA. 2	SF				LF			LF 68					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 17

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_176.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 176 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 18

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN REMAINED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. c 37+47 RT WALTHAM	PEARSON RD						1				1					X		X																
	STOP	1	30	30	6.25																											RI-1	SHS		
STA. c 42+24 LT WALTHAM	0170 0121 0080	1	6	10	0.42						1				X			X														VD-700			E-138
STA. c 48+77 RT WALTHAM STA. d 117+46 RT NEW HAVEN	New Haven | Waltham	1	72	10	5.00						2					X		X														VD-024			E-124
	0170 0113 0222	1	6	10	0.42																											VD-700			E-138
	0170 0121 0092	1	6	10	0.42																											VD-700			E-138
STA. d 117+62 RT NEW HAVEN	SPEED LIMIT 45	1	24	30	5.00						1					X		X														R2-1	SHS		
STA. d 126+72 LT NEW HAVEN	0170 0113 0240	1	6	10	0.42						1				X			X														VD-700			E-138
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF 16	LF 60	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					
	TOTALS				SF 17.93	SF	EA. 1	SF				LF			LF 76					LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET 18

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_177.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 177 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 19

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED & REINSTALLED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. d 137+28 RT NEW HAVEN	0170 0113 0260	1	6	10	0.42						1				X			X															VD-700			E-138
STA. d 144+29 LT NEW HAVEN	SPEED LIMIT 45	1	24	30	5.00						1					X		X															R2-1	SHS		
STA. d 147+84 LT NEW HAVEN	0170 0113 0280	1	6	10	0.42						1				X			X															VD-700			E-138
STA. d 149+86 RT NEW HAVEN	SPEED LIMIT 45	1	24	30	5.00						1					X		X															R2-1	SHS		
STA. d 161+07 RT NEW HAVEN	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															VR-017			E-141
STA. D 145+86 RT																																	NEW POST FOR TEMPORARY BUMP SIGN - POST SALVAGED AT END OF PROJECT			
STA. D 144+86 LT																																	NEW POST FOR TEMPORARY BUMP SIGN - POST SALVAGED AT END OF PROJECT			
											LF	LF	LF		LF 16	LF 45	LF 61	EA.		LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB						
	TOTALS				SF 15.84	SF	EA.	SF			LF				LF					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 19

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_178.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 178 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 20

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN REMAINED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. d 161+54 RT NEW HAVEN	DANIELS RD						1				1					X		X																	
	STOP	1	30	30	6.25																												RI-1	SHS		
	0170 0113 0306	1	6	10	0.42																												VD-700			E-138
STA. d 162+21RT NEW HAVEN	←	1	48	24	8.00						2					X		X															WI-6L	SHS		
STA. d 168+96 RT NEW HAVEN	0170 0113 0320	1	6	10	0.42						1				X			X															VD-700			E-138
STA. d 172+71RT NEW HAVEN	JCT	1	21	15	2.19						1					X		X															M2-1 BLACK ON WHITE	SHS		
	7	1	24	24	4.00																												MI-4	SHS		
STA. d 175+10 LT NEW HAVEN		1	36	36	9.00						2					X		X															W3-1	SHS		
STA. d 175+10 RT NEW HAVEN		1	36	36	9.00						2					X		X															W3-1	SHS		
												LF	LF	LF	LF 8	LF 120	LF		EA.	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB					
	TOTALS				SF 39.28	SF	EA. 1	SF				LF			LF 128						LB		EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 20

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_179.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 179 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 21

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. d 177+09 RT NEW HAVEN	R X R	1	30	30	6.25						1					X		X															WIO-1	SHS		
STA. d 178+45 LT NEW HAVEN	SPEED LIMIT 45	1	24	30	5.00						1					X		X															R2-1	SHS		
STA. d 178+59 RT NEW HAVEN	← Ferrisburgh 7	1	72	12	6.00						2												2	274								VDI-1A		182	
	← Burlington 30	1	72	12	6.00																											VDI-1A		182	
	Bristol 5 →	1	72	12	6.00																											VDI-1A		182	
	Middlebury 8 →	1	72	12	6.00																											VDI-1A		182	
	Rutland 40 →	1	72	12	6.00																											VDI-1A		182	
STA. d 179+52 LT NEW HAVEN	0170 0113 0340	1	6	10	0.42						1				X			X															VD-700			E-138
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF 8	LF 30	LF		EA.	LB	LB	LB		LB 274	LB	LB	LB									
	TOTALS				SF 41.67	SF	EA.	SF				LF			LF 38					LB			EA. 2	LB 274				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET 21

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_180.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 180 OF 186

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 22

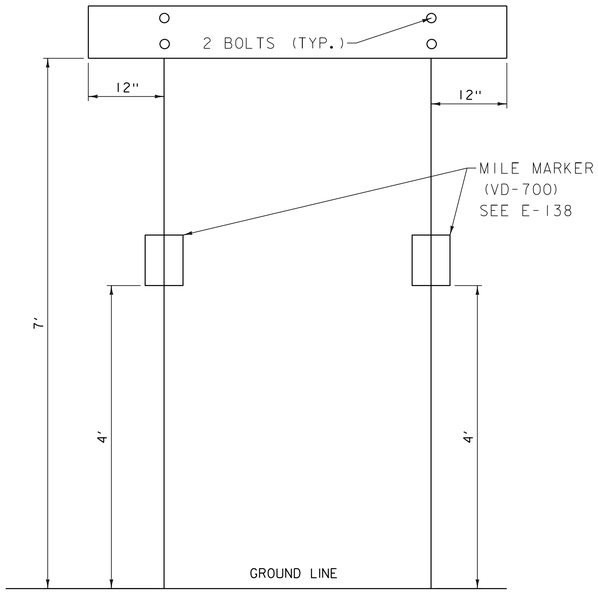
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. d 180+53 RT NEW HAVEN	NORTH EAST SOUTH	1	24	12	2.00						2												2	274							*3	M3-1 SIGN FRAME REQUIRED BLACK ON WHITE	SHS		
		1	24	12	2.00																											M3-2 GREEN ON WHITE	SHS		
		1	24	12	2.00																											M3-3 BLACK ON WHITE	SHS		
	7 VERMONT 17 7	1	24	24	4.00																											MI-4	SHS		
		1	24	24	4.00																											MI-5			E-136B
		1	24	24	4.00																											MI-4	SHS		
	← → →	1	21	15	2.19																											M6-1L BLACK ON WHITE	SHS		
		1	21	15	2.19																											M6-1R GREEN ON WHITE	SHS		
		1	21	15	2.19																											M6-1R BLACK ON WHITE	SHS		
STA. d 180+63 LT NEW HAVEN	WEST	1	24	12	2.00						1					X		X														M3-4 GREEN ON WHITE	SHS		
	VERMONT 17	1	24	24	4.00																											MI-5			E-136B
	TSSS 1 TOTAL						9									135																				
	TSSS 2 TOTAL						8									105																				
	TSSS 3 TOTAL						9									150																				
	TSSS 4 TOTAL						7									90																				
	TSSS 5 TOTAL						13									120																				
	TSSS 6 TOTAL				39.34		1									135																				
	TSSS 7 TOTAL				40.63											45	45																		
	TSSS 8 TOTAL				29.03											120																				
	TSSS 9 TOTAL				39.50											135																				
	TSSS 10 TOTAL				29.17		4									90																				
	TSSS 11 TOTAL				41.92											90																				
	TSSS 12 TOTAL				32.76										8	90																				
	TSSS 13 TOTAL				12.09		2								8	30																				
	TSSS 14 TOTAL				15.18										32	30																				
	TSSS 15 TOTAL				20.60										16	60																				
	TSSS 16 TOTAL				26.84		1								8	60																				
	TSSS 17 TOTAL				22.09		2								8	60																				
	TSSS 18 TOTAL				17.93		1								16	60																				
	TSSS 19 TOTAL				15.84										16	45																				
	TSSS 20 TOTAL				39.28		1								8	120																				
	TSSS 21 TOTAL				41.67										8	30								2	274											
	TSSS 22 TOTAL				30.57											15								2	274											
												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
															128	1815	45							548												
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."	SUBTOTAL		494.44																																	
	ROUNDING		0.56																																	
	TOTALS		SF 495		SF	EA. 58	SF					LF			LF 2003					LB			EA. 4		LB 548				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET 22

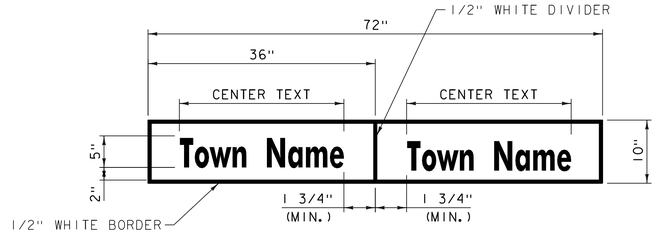
PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_181.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 181 OF 186



TOWN LINE SIGN PLACEMENT

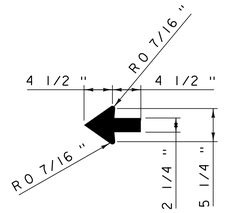


VD-024

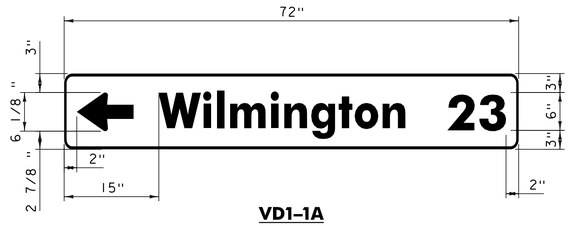
1.) WORD TO WORD SPACING FOR COUNTIES AND TWO WORD TOWN NAMES IS ADJUSTABLE TO ACCOMODATE DIMENSION REQUIREMENT.

2.) FONT SPACING MAY BE ADJUSTED TO MEET DIMENSION REQUIREMENT.

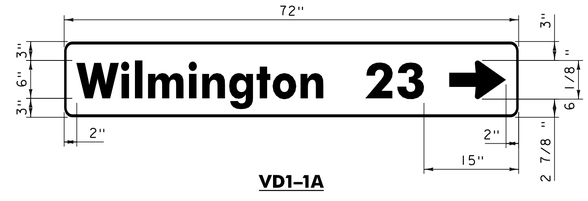
3.) DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.



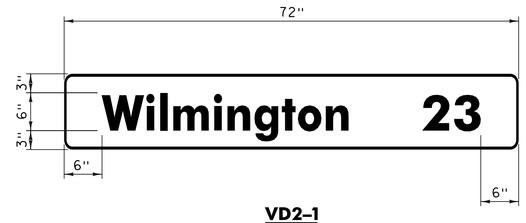
STANDARD SHS 2.25" ARROW



VD1-1A



VD1-1A



VD2-1

STANDARD DESTINATION SIGN NOTES VD1-1A, VD2-1

1.) THE DESTINATION SIGN SHOWN ON THIS SHEET SHALL HAVE WHITE RETROREFLECTIVE ASTM TYPE III OR IV TEXT, ARROWS AND BORDERS ON A GREEN RETROREFLECTIVE ASTM TYPE III OR IV BACKGROUND.

2.) USE THE LARGEST LETTER / THICKEST FONT AVAILABLE THAT WILL SATISFY THE MINIMUM SPACING REQUIREMENTS, AS SHOWN IN THE DETAILS ABOVE; I.E. IF A 6" SERIES C LETTER DOES NOT WORK, DUE TO THE LENGTH OF THE WORD, USE A 6" SERIES B LETTER. IF A 6" SERIES B LETTER DOES NOT WORK, USE A 5" SERIES C. IF A 5" SERIES C LETTER DOES NOT WORK, USE A 5" SERIES B. USE NO LESS THAN 80% KERNING.

DETAILS ARE NOT TO SCALE

SIGN DETAIL SHEET

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_182.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 182 OF 186

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

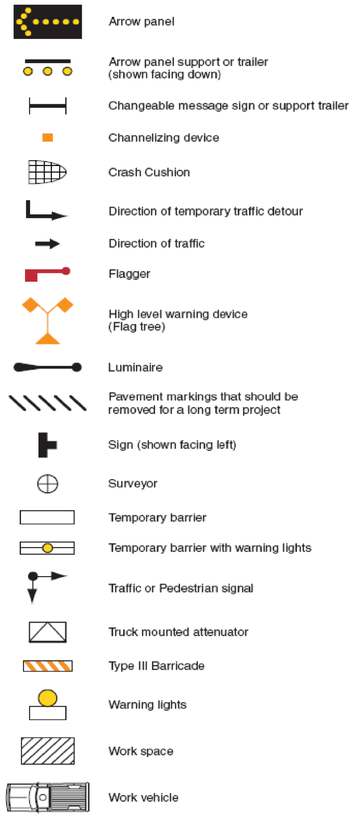


Figure 6E-1. Use of Hand-Signaling Devices by Flaggers

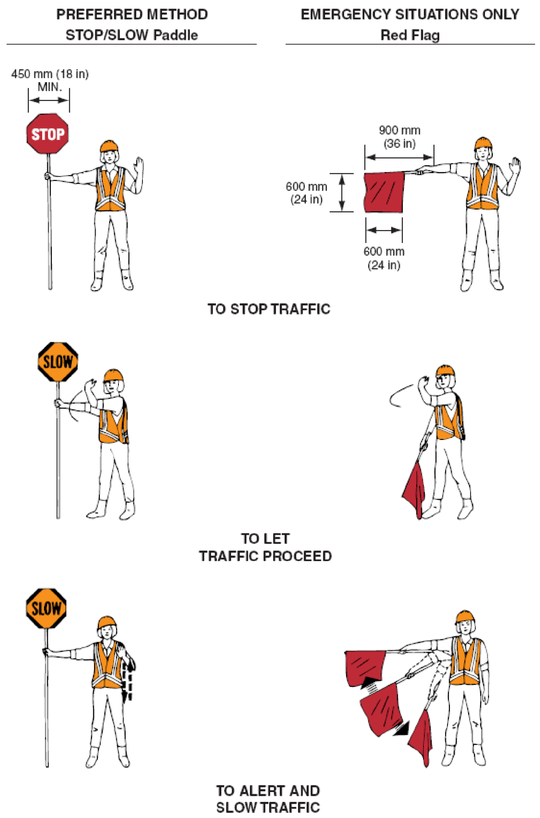
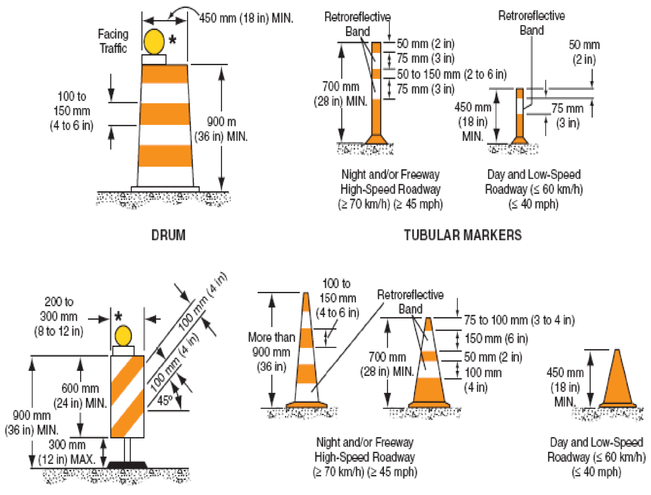


Figure 6F-7. Channelizing Devices (Sheet 1 of 2)



* Warning lights (optional)

Note: If drums, cones, or tubular markers are used to channelize pedestrians, they shall be located such that there are no gaps between the bases of the devices, in order to create a continuous bottom, and the height of each individual drum, cone, or tubular marker shall be no less than 900 mm (36 in) to be detectable to users of long canes.

INTRODUCTION:

1. UNLESS OTHERWISE NOTED, THE OBJECTIVE OF THIS PLAN IS TO MINIMIZE IMPACT ON THE TRAFFIC FLOW WHILE PROVIDING A SAFE PASSAGE FOR VEHICLES AND PEDESTRIANS DURING AND AFTER CONSTRUCTION WORK HOURS.

2. THE INCLUDED TRAFFIC CONTROL INFORMATION IS INTENDED TO BE A GENERAL OUTLINE FOR HOW THE WORK SHOULD PROCEED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SPECIFIC DETAILS TO ADDRESS SPECIFIC SITUATIONS. THIS RESPONSIBILITY INCLUDES PROVIDING A PLAN DETAILING THE USE AND PLACEMENT OF SIGNS, CHANNELING DEVICES, ARROW PANELS, FLAGGERS AND UNIFORMED TRAFFIC OFFICERS (UTO'S) DURING LANE CLOSURES. IF THE CONTRACTOR DOES NOT WISH TO FOLLOW THIS OUTLINE, THE CONTRACTOR SHALL SUBMIT AN ALTERNATE PROPOSAL TO THE PAVEMENT MANAGEMENT SECTION VIA THE ENGINEER. THE CONTRACTOR MUST ALLOW AT LEAST 4 WEEKS FOR REVIEW AND APPROVAL OF THE COMPREHENSIVE PLAN AND 2 WEEKS FOR REVIEW AND APPROVAL OF MINOR CHANGES/DETAILS. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH THE MUTCD AND VTRANS STANDARDS E-100, E-100A, E-101, E-102, E-102A, E-106, E-107, E-107A, E-108A, E-110, E-111 AND E-112. WHERE CONFLICTS EXIST, THE MUTCD SHALL GOVERN.

TRAFFIC CONTROL NOTES

1. ALL TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THESE PROJECT PLANS, APPLICABLE VTRANS E-SERIES STANDARD DRAWINGS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), DATED 2009, AND ITS LATEST REVISIONS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR MUST PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES.

3. SIGNS SHALL ONLY BE VISIBLE TO MOTORIST AT THE TIMES WHEN THE MESSAGE IS PERTINENT, I.E. A "FLAGGER AHEAD" SIGN SHALL ONLY BE VISIBLE TO MOTORIST WHEN THE FLAGGER IS ACTUALLY PRESENT PERFORMING THEIR DUTIES.

4. A MINIMUM LANE WIDTH OF 10 FT. SHALL BE MAINTAINED.

5. SIGNALIZED INTERSECTIONS MUST BE CONTROLLED BY UNIFORMED TRAFFIC OFFICERS WHEN LANES ARE NOT IN NORMAL OPERATION EXCEPT DURING NIGHT TIME FLASHING OPERATION.

6. WHEN COLD PLANED BITUMINOUS PAVEMENT IS OPEN TO TRAFFIC, A "MOTORCYCLES USE CAUTION" SIGN, AS PER VTRANS STANDARD E-102A, SHALL BE PROVIDED.

7. THE CONTRACTOR SHOULD LEAVE NO LONGITUDINAL DROP-OFFS DURING THE OVERNIGHT HOURS. THEREFORE, THE FULL ROADWAY WIDTH SHOULD BE COLD PLANED OR PAVED DURING THE DAILY WORK PERIOD. WHEN NECESSARY, DROP-OFF PROTECTION IN THESE AREAS SHALL CONFORM TO VTRANS STANDARD E-108A.

8. MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES FOR EMERGENCY VEHICLES. MAINTAIN ACCESS TO ALL COMMERCIAL AND MUNICIPAL PROPERTIES DURING BUSINESS HOURS. ACCESS TO RESIDENTIAL PROPERTIES MAY BE RESTRICTED FOR A SHORT DURATION (A FEW HOURS). THIS WORK WILL BE COORDINATED WITH THE OWNER. COORDINATE MAJOR WORK ON COMMERCIAL OR MUNICIPAL ACCESSES WITH THE OWNER AT LEAST ONE WEEK PRIOR TO STARTING THE WORK. ALL ACCESSES SHALL ALSO BE KEPT FREE OF WORK AND TRAFFIC CONTROLLED BY UNIFORMED TRAFFIC OFFICERS OR FLAGGERS AS REQUIRED BY THE ENGINEER.

9. TRAFFIC SHALL NOT BE CHANGED FROM ONE TRAFFIC PATTERN TO THE NEXT TRAFFIC PATTERN UNTIL ALL TEMPORARY MARKINGS, SIGNING AND SIGNAL WORK ARE COMPLETED. ANY CONFLICTING MARKINGS SHALL BE REMOVED.

10. ALL NON-OPERATING SIGNAL HEADS SHALL BE REMOVED OR COMPLETELY COVERED AS DIRECTED BY THE RESIDENT ENGINEER.

11. CONSTRUCTION OPERATIONS SHALL BE ADJUSTED OR SUSPENDED DURING PEAK HOUR TRAFFIC AND SPECIAL EVENTS AS DETERMINED BY THE RESIDENT ENGINEER.

12. ALL PERMANENT SIGNS WHICH CONFLICT WITH TEMPORARY TRAFFIC CONTROL MUST BE COMPLETELY COVERED.

13. ALL REASONABLE EFFORTS SHALL BE MADE TO ACCOMODATE PEDESTRIAN TRAVEL AT ALL TIMES. THIS CAN INCLUDE, BUT IS NOT LIMITED TO A DEDICATED PEDESTRIAN ESCORT, SIGNAGE AND CONED OFF WALKING AREAS WITHIN CLOSED LANES. FLAGGERS SHALL NOT BE USED AS PEDESTRIAN ESCORTS. WHEN EXISTING PEDESTRIAN FACILITIES ARE DISRUPTED, CLOSED, OR RELOCATED IN A TEMPORARY TRAFFIC CONTROL ZONE, THE TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE FOR ITEM 641.10 TRAFFIC CONTROL.

14. PLEASE NOTE THAT THE UTO (UNIFORMED TRAFFIC OFFICER), UNDER AUTHORITY GRANTED BY LAW (TITLE 23 VSA) MAY DIRECT AND CONTROL TRAFFIC. SUITABLE EXAMPLES IN WORK MIGHT INCLUDE THE DIRECTION AND CONTROLS OF TRAFFIC AT INTERSECTIONS WHERE SIGNALS ARE NOT FUNCTIONING OR ARE MALFUNCTIONING. IN THESE CASES, THE PRESENCE OF THE BLUE LIGHT MAY NOT BE SUITABLE OR NECESSARY. THE WEARING OF DEPARTMENTALLY REQUIRED AND APPROVED REFLECTIVE GARMENTS IS REQUIRED.

15. AS WORK PROGRESSES, FLAGGER AHEAD SIGNS SHALL BE MOVED ACCORDINGLY SUCH THAT THE FLAGGER STATION IS NOT MORE THAN 1000 FEET FROM THE FLAGGER AHEAD SIGN.

TRAFFIC CONTROL SHEET 1

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_183.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 183 OF 186

Figure 6C-2. Types of Tapers and Buffer Spaces

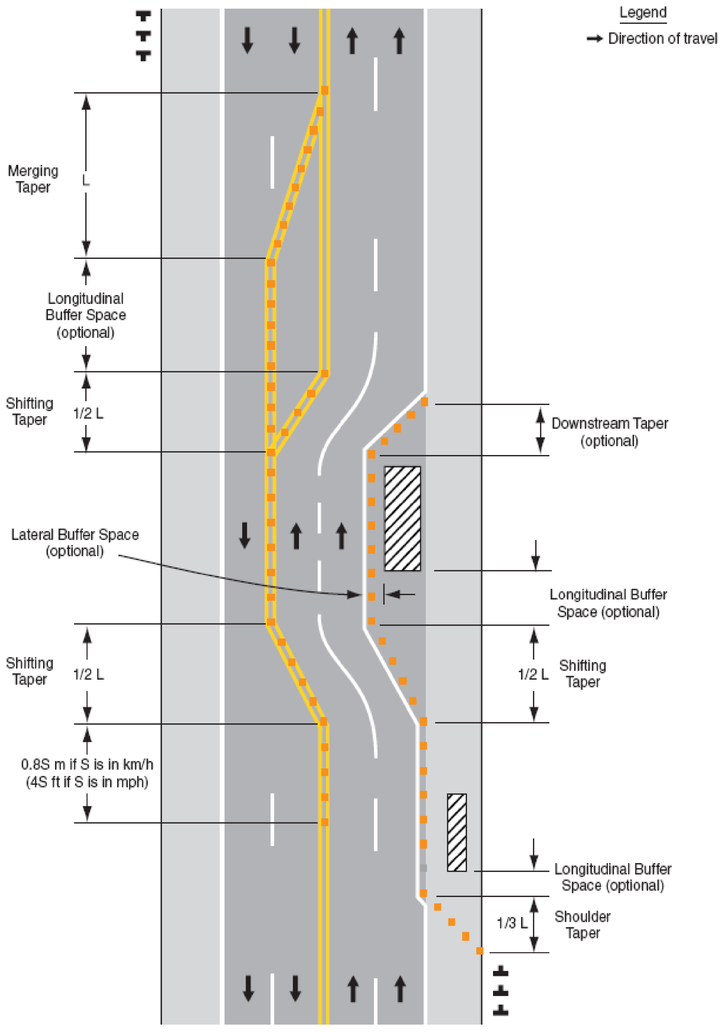


Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)*
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	30 m (100 ft) maximum
Downstream Taper	30 m (100 ft) per lane

Table 6C-4. Formulas for Determining Taper Lengths

Speed Limit (S)	Taper Length (L) Meters
60 km/h or less	$L = \frac{WS^2}{155}$
70 km/h or more	$L = \frac{WS}{1.6}$

Speed Limit (S)	Taper Length (L) Feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in meters (feet)
W = width of offset in meters (feet)
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in km/h (mph)

NOTES

1. SEE SHEET 183 FOR THE MEANING OF THE LETTER CODES AND SYMBOLS USED IN THIS FIGURE.

TRAFFIC CONTROL SHEET 2

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_184.i
PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 184 OF 186

NOTES

1. IF TRUCK MOUNTED ATTENUATOR IS REQUESTED BY RESIDENT ENGINEER OR CONTRACTOR, IT SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 608, AND PAYMENT WILL BE CONSIDERED INCIDENTAL TO ITEM 641.10 "TRAFFIC CONTROL".

2. SEE SHEET 183 FOR THE MEANING OF THE LETTER CODES AND SYMBOLS USED IN THIS FIGURE.

TRAFFIC CONTROL SHEET 3

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

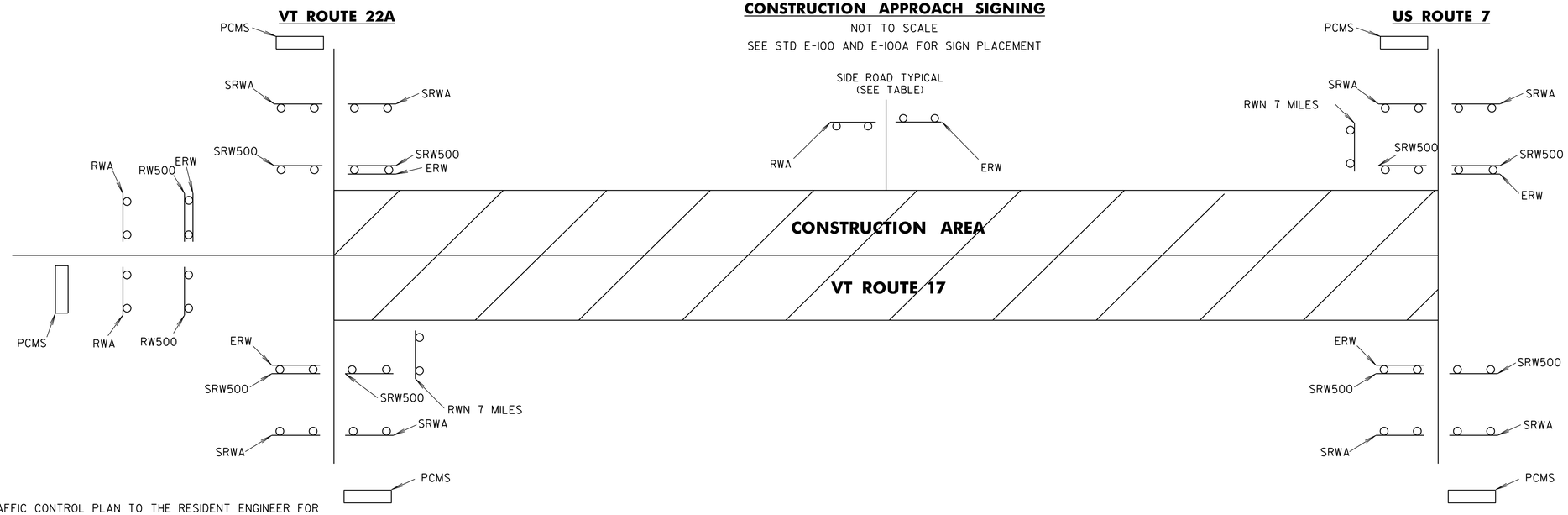
FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_185.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 185 OF 186

CONSTRUCTION APPROACH SIGNING

NOT TO SCALE

SEE STD E-100 AND E-100A FOR SIGN PLACEMENT



NOTES:

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE RESIDENT ENGINEER FOR THEIR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".

2. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN APPROACH PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH THE TRAFFIC CONTROL NOTES AND PART 6 OF THE MUTCD. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".

3. THE BID PRICE FOR "TRAFFIC CONTROL", ITEM 641.10, SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VAOT STANDARDS. ALL ADJUSTING, RELOCATING, AND REMOVING OF THESE DEVICES AS DIRECTED BY THE RESIDENT ENGINEER SHALL ALSO BE INCLUDED. THE FOLLOWING ITEMS WILL BE PAID FOR SEPARATELY:
   646.602, 646.612, 646.682, 646.692, 646.712 - TEMPORARY PAVEMENT MARKINGS
   630.10 UNIFORMED TRAFFIC OFFICER, 630.15 - FLAGGERS

4. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WILL BE PROVIDED FOR USE ALONG THIS PROJECT. THE PLACEMENT OF THESE UNITS AS WELL AS THE MESSAGE WILL BE APPROVED BY THE RESIDENT ENGINEER. THESE SIGNS WILL BE PAID FOR UNDER ITEM 641.15, "PORTABLE CHANGEABLE MESSAGE SIGN".

   PCMS SHOULD NOT REPLACE ANY OF THE SIGNING DETAILED IN THE MUTCD AND SHOULD NOT BE USED IF STANDARD TRAFFIC CONTROL DEVICES ADEQUATELY PROVIDE THE INFORMATION THE MOTORISTS NEED TO TRAVEL SAFELY.

   THE PCMS SHALL CONSIST OF EITHER ONE OR TWO PHASES. TYPICALLY, A PHASE SHALL CONSIST OF UP TO THREE LINES OF EIGHT CHARACTERS PER LINE. THE PCMS SHOULD BE USED AS A SUPPLEMENT AND NOT AS A SUBSTITUTE FOR CONVENTIONAL SIGNS AND PAVEMENT MARKINGS.

   THE PCMS SHOULD COMMUNICATE WHAT INFORMATION MOTORISTS NEED TO KNOW. UNNECESSARY INFORMATION SHOULD BE AVOIDED. MESSAGES SHOULD BE UPDATED PERIODICALLY TO DESCRIBE THE WORK ACTIVITY OCCURRING SO THAT THE PCMS CONTINUES TO COMMAND THE ATTENTION OF MOTORISTS.

5. THE MUTCD 2009, AND IT'S LATEST REVISIONS, SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS, SIGNALS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.

6. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.

7. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.

8. AS THE PAVING OPERATION MOVES, THE FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 1000 FT FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY IF FLAGGING OPERATIONS CEASE FOR MORE THAN 15 MINUTES.

9. ALL PERMANENT SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED, THE PAYMENT FOR WHICH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.

10. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MUTCD.

11. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.

12. DIAMOND SHAPED SIGNS SHALL BE 4'X4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLOURESCENT ORANGE BACKGROUND.

13. CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED AS OUTLINED IN THE SPECIAL PROVISIONS.

14. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOM OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.

	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500 FT	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500 FT	ROAD WORK NEXT 7 MILES	PCMS
ADDISON							
BEGIN PROJECT (VT 22A)		2		4	4		2
BEGIN PROJECT (VT 17)	2	1	2			1	1
KING HILL RD	1	1					
MOUNTAIN RD	1	1					
MIDDLE RD	1	1					
OTTER CREEK RD	1	1					
WEYBRIDGE							
STATE ROUTE 23	1	1					
NEW HAVEN							
HALLOCK ROAD	1	1					
QUAKER VILLAGE ROAD	1	1					
FIELD DAYS RD	1	1					
WALTHAM							
GREEN ST	1	1					
PEARSON RD	1	1					
NEW HAVEN							
END PROJECT (US RT 7)		2		4	4		2
END PROJECT (VT 17)						1	
TOTALS	12	15	2	8	8	2	5

LEGEND

SRW500 = SIDE ROAD WORK 500FT
SRWA = SIDE ROAD WORK AHEAD
RWA = ROAD WORK AHEAD
RW500 = ROAD WORK 500 FT
ERW = END ROAD WORK
RWN = ROAD WORK NEXT 7 MILES
PCMS = PORTABLE CHANGEABLE MESSAGE SIGN

DETAILS ARE NOT TO SCALE

CONSTRUCTION APPROACH SIGNING SHEET

PROJECT NAME: ADDISON - NEW HAVEN
PROJECT NUMBER: STP 9632(1)

FILE NAME: p95B076.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p95B076_186.i

PLOT DATE: 3/13/2012
DRAWN BY: SJL
CHECKED BY: EPD
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