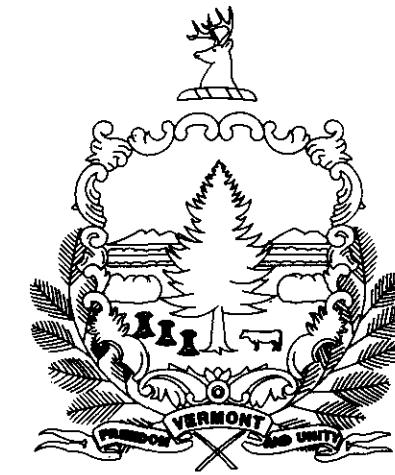
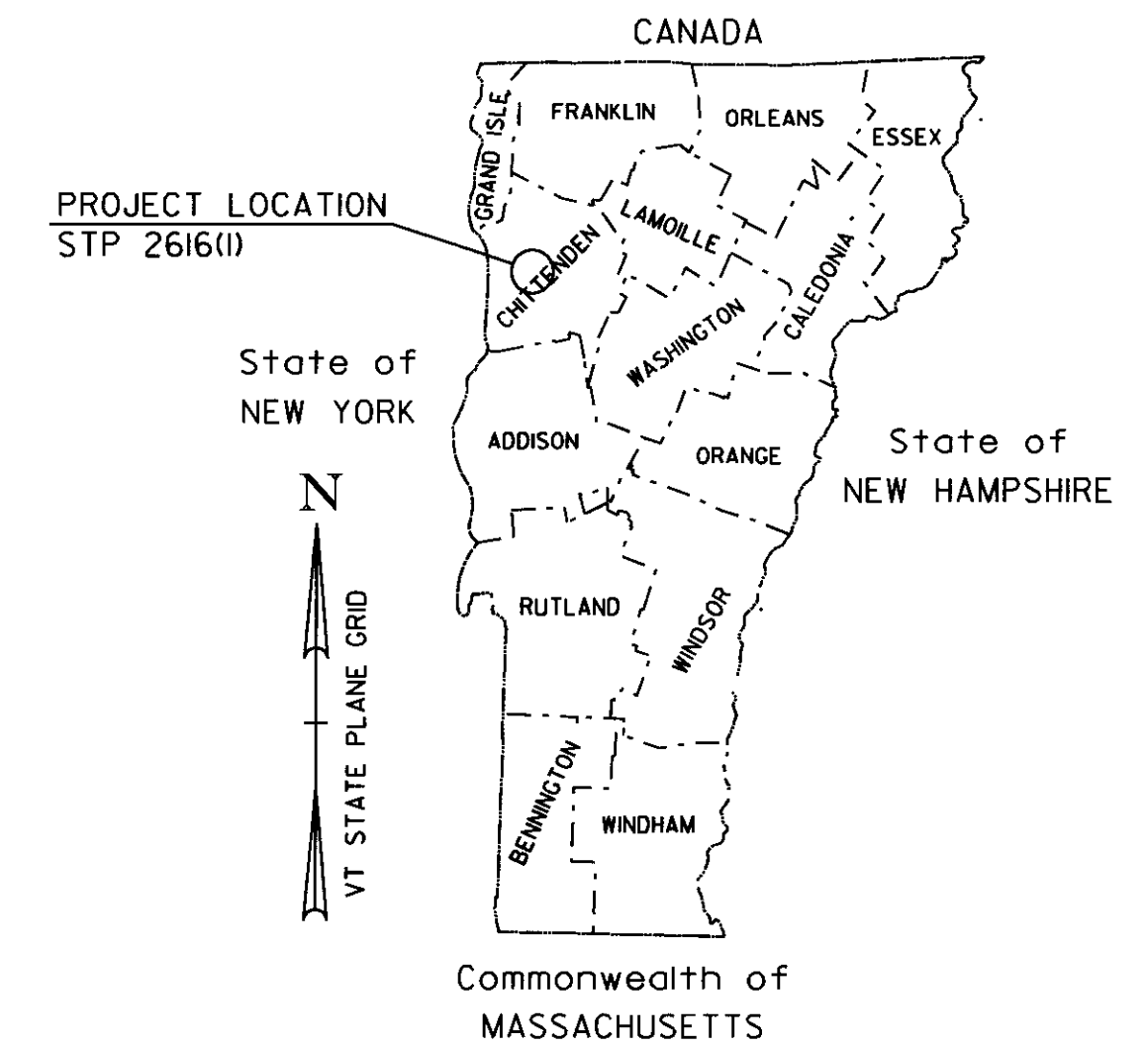


INDEX OF SHEETS  
SEE SHEET 2

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT TOWNS OF COLCHESTER AND ESSEX COUNTY OF CHITTENDEN VT ROUTE 15



TRAFFIC DATA

	AADT		DHV		CUM. ESALS (2009-2019)	CUM. ESALS (2009-2029)
	2009	2019	2009	2019		
BEGINNING OF PROJECT TO LIME KILN RD. (MM 0.000 MM 0.382 COLCHESTER)	25,700	27,000	2,700	2,800	2,810,000	7,176,000
LIME KILN RD. TO CAMP JOHNSON (MM 0.382 - MM 0.927 COLCHESTER)	29,000	30,400	3,000	3,200	2,673,000	6,806,000
CAMP JOHNSON TO BARNES AVE (MM 0.927 COLCHESTER - MM 1.270 ESSEX)	28,900	30,300	3,000	3,200	2,383,000	6,043,000
BARNES AVE TO SUSIE WILSON RD (MM 1.270 - MM 0.570 ESSEX)	25,000	26,200	2,600	2,700	2,013,000	5,137,000
SUSIE WILSON RD TO WEST STREET (MM 0.570 - MM 1.019 ESSEX)	20,600	21,600	2,100	2,200	2,503,000	5,498,000
WEST STREET TO END OF PROJECT (MM 1.019 - MM 1.575 ESSEX)	15,600	16,400	1,600	1,700	1,268,000	3,221,000

**RECORD PLANS**

CONTRACTOR: F.W. WHITCOMB CONSTRUCTION CORP. - WALPOLE, NH

RESIDENT ENGINEER: JON DAY

CONSTRUCTION BEGAN: MAY 5, 2009

CONSTRUCTION COMPLETE: NOV 23, 2009

RECORD PLANS BY: JON DAY & N. GARBACIK

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY [Signature] RESIDENT ENGINEER

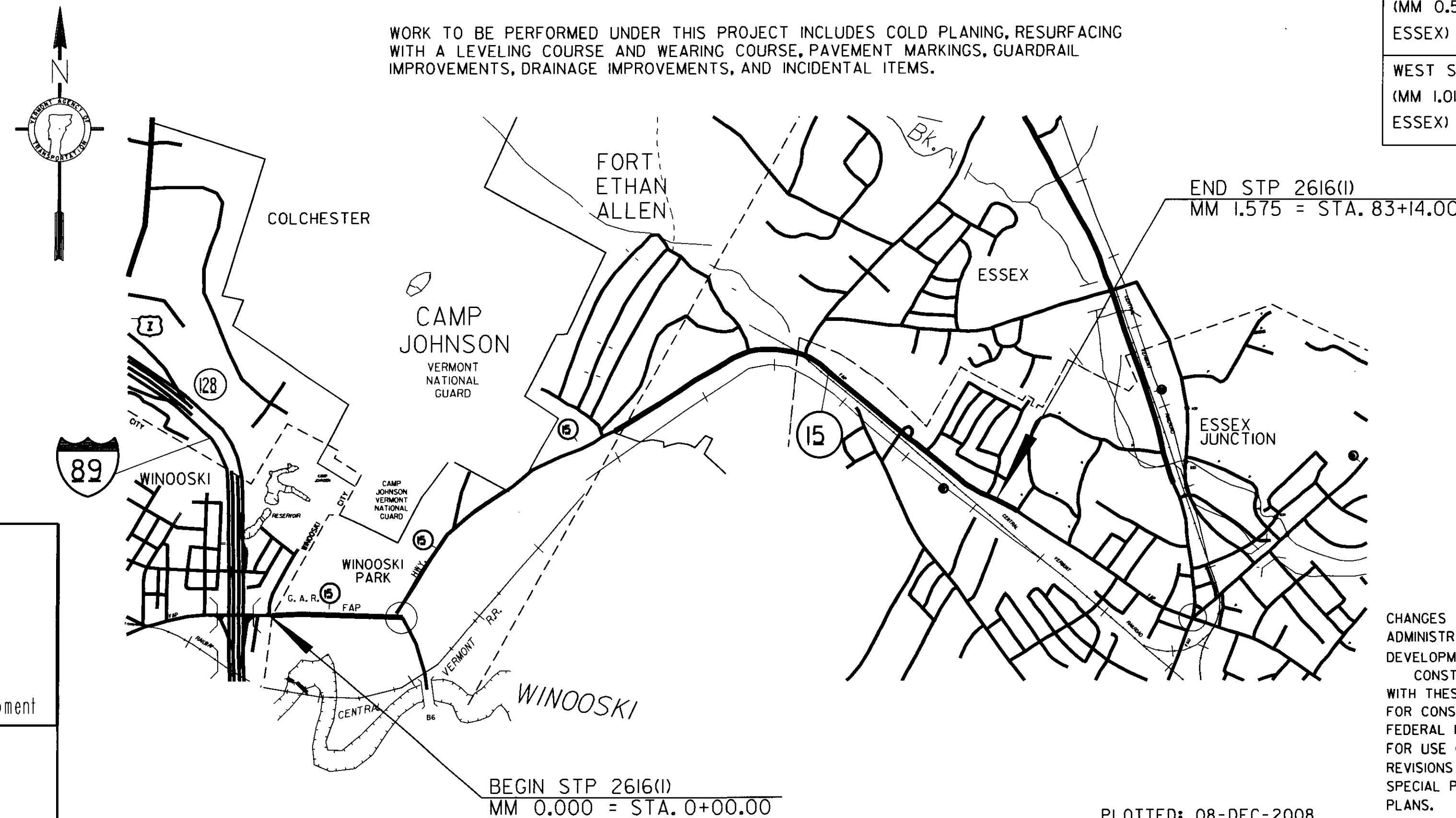
DATE 01-14-11

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.

BEGINNING IN THE TOWN OF COLCHESTER AT THE WINOOSKI-COLCHESTER TOWN LINE AT MILE MARKER 0.000 = STA. 0+00.00 AND EXTENDING EASTERLY ALONG VT ROUTE 15 FOR A DISTANCE OF 15,504.63 FT (2.937 MILES) TO AN ENDING POINT IN THE TOWN OF ESSEX AT MILE MARKER 1.575 = STA. 83+14.00.

STATION TO STATION DATA	LENGTH (FEET)	(MILES)
TOWN OF COLCHESTER STA. 0+00.00 TO STA. 71+90.63 (MM 0.000 TO MM 1.362)	7,190.63	1.362
TOWN OF ESSEX STA. 0+00.00 TO STA. 83+14.00 (MM 0.000 TO MM 1.575)	8,314.00	1.575
TOTAL ROADWAY LENGTH =	15,504.63	2.937
TOTAL PROJECT LENGTH =	15,504.63	2.937

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RESURFACING WITH A LEVELING COURSE AND WEARING COURSE, PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS, AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	3,588,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

**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	
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 N/A

HORIZONTAL N/A

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 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 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 [Signature] DATE 12-10-2008

PROJECT MANAGER : TED DOMEY

PROJECT NAME : COLCHESTER-ESSEX

PROJECT NUMBER : STP 2616 (I)

SHEET 1 OF 45 SHEETS

PLOTTED: 08-DEC-2008

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8	ITEM DETAIL SUMMARY SHEET 1
9-36	PROJECT LAYOUT SHEETS
37-42	TRAFFIC SIGN SUMMARY SHEETS
43	TRAFFIC SIGNS AND DETAILS
44	CONSTRUCTION APPROACH SIGNING SHEET
45	TRAFFIC CONTROL DETAILS AND NOTES SHEET

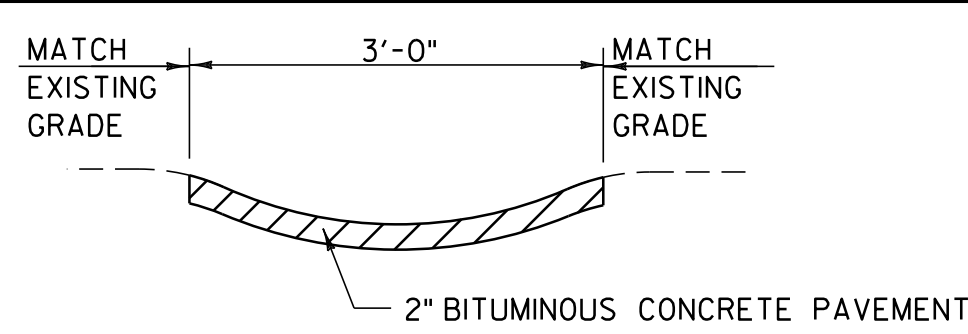
VAOT STANDARDS

C-10	CURBING	02/11/08
C-2A	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK ADJACENT TO CURB	10/14/05
C-2B	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK AND GREEN STRIP	10/14/05
C-3A	SIDEWALK RAMPS	03/10/08
C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	03/10/08
D-3	TREATED GUTTERS	06/01/94
D-8	W/ GRATE FOR USE IN DITCHES REINFORCED CONCRETE DROP INLET WITH PRECAST COVER REINFORCED CONCRETE DROP INLET WITH GRATE (BOTTOM SECTION)	01/03/00
D-9	REINFORCED CONCRETE DROP INLET WITH VERTICAL CURB	06/01/94
D-10	REINFORCED CONCRETE DROP INLET THROAT ADAPTER TOP FOR A DROP INLET WITH BITUMINOUS CONCRETE CURB TOP FOR A DROP INLET GRANITE SLOPE EDGING	06/01/94
D-15	PRECAST REINFORCED CONCRETE CATCH BASIN W/ CAST IRON GRATE PRECAST REINFORCED MAN HOLE W/ CAST IRON GRATE CAST IRON GRATE WITH FRAME, TYPE D CAST IRON GRATE WITH FRAME, TYPE E	06/01/94
E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-100A	SIDE ROAD CONSTRUCTION APPROACH SIGNS	01/02/04
E-101	CONSTRUCTION SIGN DETAILS	05/30/03
E-102	CONSTRUCTION SIGN DETAILS	06/30/03
E-102A	CONSTRUCTION SIGN DETAILS	05/01/04
E-103	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	03/01/04
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	03/01/04
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06/30/03
E-107A	BREAKAWAY BARRICADE DETAILS	08/08/95
E-108A	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS FOR PAVING	12/08/08
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08/08/95
E-111	MINOR MAINTENANCE OPERATION	03/11/97
E-112	TYPICAL MOVING MAINTENANCE OPERATIONS	01/23/97
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08/08/95
E-136B	STATE ROUTE MARKER SIGN DETAILS	08/08/95
E-138	MILEMARKER DETAILS - STATE & TOWN HIGHWAYS	05/30/03
E-141	REGULATORY SIGN DETAILS	09/20/95
E-142	REGULATORY SIGN DETAILS	09/20/95
E-143	REGULATORY SIGN DETAILS	06/15/04
E-145A	REGULATORY SIGN DETAILS LANE USE CONTROL SIGNS TWO AND FOUR LANE APPROACHES	12/23/94
E-145B	REGULATORY SIGN DETAILS LANE USE CONTROL SIGNS THREE LANE APPROACHES	12/23/94
E-146	REGULATORY SIGN DETAILS	09/20/95
E-150	WARNING SIGN DETAILS	05/01/04
E-151	WARNING SIGN DETAILS	05/01/04
E-152	WARNING SIGN DETAILS	05/01/04
E-162	TUBULAR ALUMINUM SIGN POST	05/20/99
E-164	SQUARE STEEL SIGN POST	05/20/99
E-172	VEHICLE DETECTOR LOOP DETAILS	08/09/95
E-191	PAVEMENT MARKING DETAILS	02/01/99
E-192	PAVEMENT MARKING DETAILS	10/12/00
E-193	PAVEMENT MARKING DETAILS	08/18/95
G-1	STEEL BEAM GUARDRAIL WITH STEEL POSTS	01/03/00
G-1D	STEEL BEAM GUARDRAIL APPROACH END TERMINAL STEEL BEAM GUARDRAIL TRAILING END TERMINAL ANCHOR FOR STEEL BEAM GUARDRAIL STEEL BEAM MEDIAN BARRIER	01/03/00
G-4	YIELDING MARKER POSTS	06/01/94

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PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(I)

FILE NAME: p06b062.dgn	PLOT DATE: 30-OCT-2012 12:0
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: p06b0621s.i	SHEET 2 OF 45



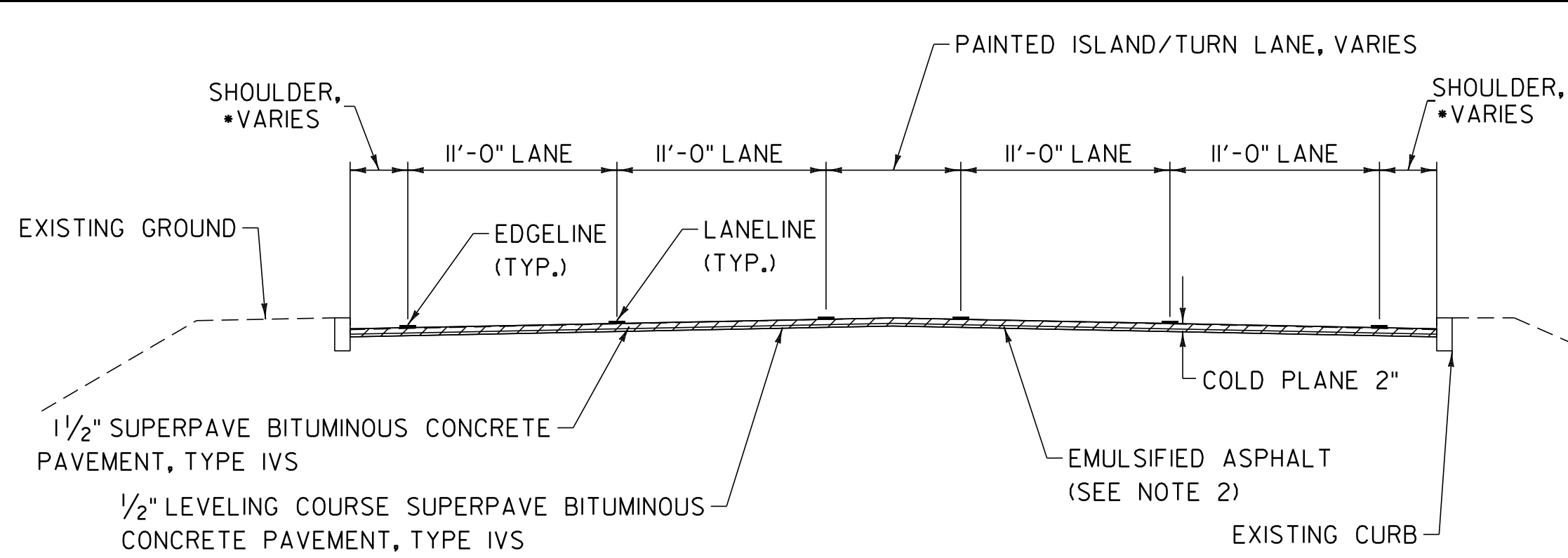
**BITUMINOUS CONCRETE GUTTER DETAIL**

LOCATIONS

AS INDICATED ON PLANS

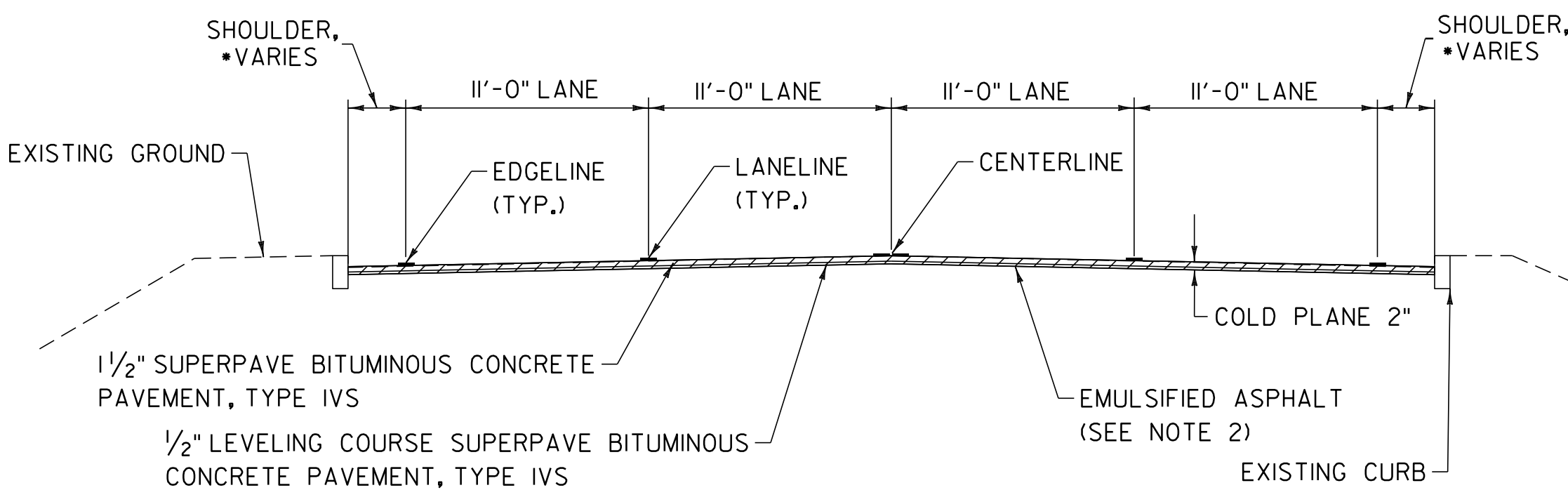
**NOTES:**

- EXISTING BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS SHALL BE REMOVED WHERE INDICATED ON THE PLANS AND PAID FOR UNDER ITEM 203.15 "COMMON EXCAVATION".
- THE BED UPON WHICH THE BITUMINOUS CONCRETE GUTTER OR TRAFFIC ISLAND WILL BE PLACED SHALL BE COMPACTED TO THE LINE, GRADE AND SLOPE AS DIRECTED BY THE RESIDENT ENGINEER.
- THE BITUMINOUS CONCRETE PAVEMENT SHALL BE LAID IN TWO COURSES, EACH COURSE SHOULD BE 1" DEEP AND ROLLED WITH A 150 POUND ROLLER.
- THIS WORK IS TO BE PAID FOR UNDER ITEM 616.47, "BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS". PAYMENT FOR SUBBASE MATERIAL WILL BE COVERED BY ITEM 301.26 "SUBBASE OF CRUSHED GRAVEL, FINE GRADED".



**COLD PLANE AND OVERLAY TYPICAL SECTION - PAINTED ISLAND**

COLCHESTER  
STA. 0+00.00 TO STA. 1+42.00  
STA. 7+34.00 TO STA. 16+90.00

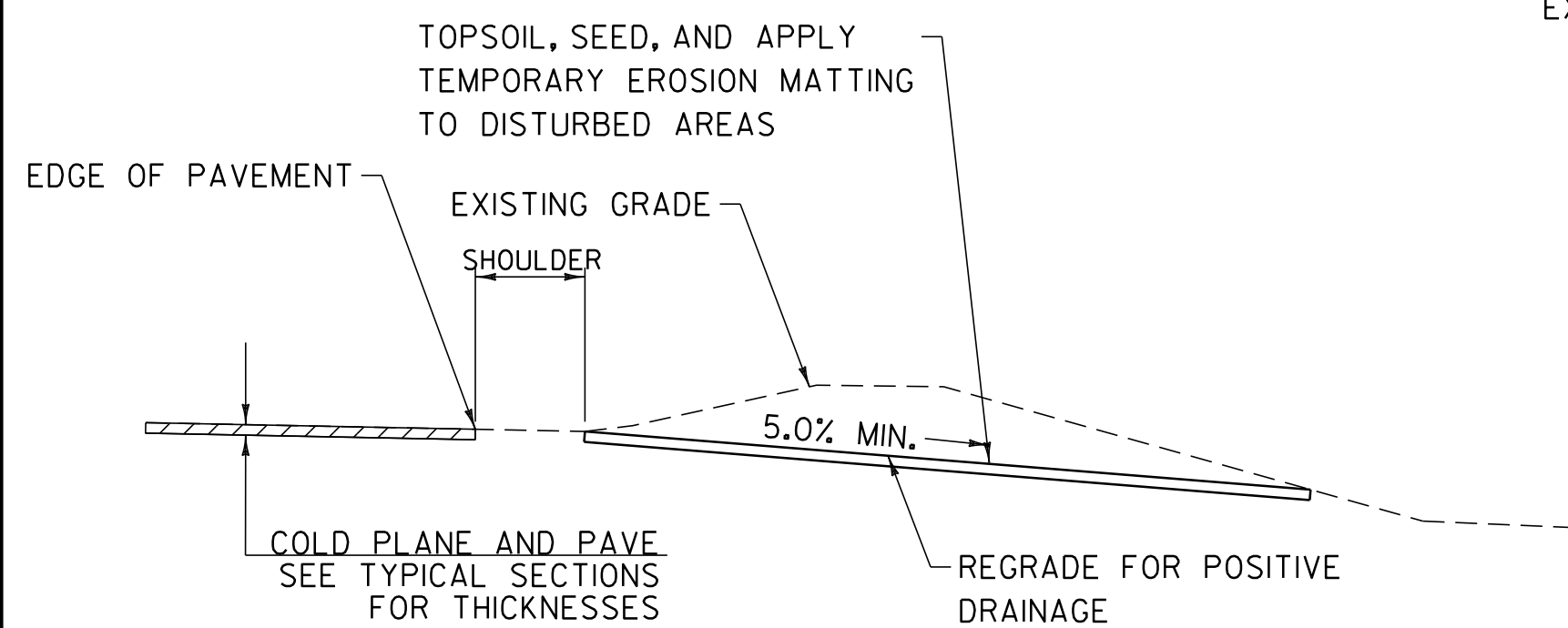


**COLD PLANE AND OVERLAY TYPICAL SECTION**

COLCHESTER  
STA. 1+42.00 TO STA. 7+34.00  
ESSEX  
STA. 57+78.00 TO STA. 83+14.00

**NOTES:**

- THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. LEVELING HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE TOP COURSE OF PAVEMENT.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT A RATE OF 0.025 GAL / SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 INCH (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
- 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, ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
- ALL DRIVES SHALL RECEIVE A PAVED APRON AS SHOWN ON THESE 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 AND WILL BE PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.40 SUBBASE, RAP. THE NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30, "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28)".
- SAWCUTTING FOR EXTENSION OF MEDIAN WILL NOT BE PAID FOR SEPARATELY. IT SHALL BE CONSIDERED INCIDENTAL TO ITEM 210.10 "COLD PLANING, BITUMINOUS PAVEMENT".
- THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6 FOOT POSTS. GUARDRAIL BACKING MATERIAL THAT IS INSUFFICIENT OR UNSUITABLE SHALL BE REPLACED WITH ITEM 402.13, "AGGREGATE SHOULDERS, RAP".
- A QUANTITY FOR ITEM 604.412, "REHAB DI, CB OR MH CLASS I", ITEM 604.415, "REHAB DI, CB OR MH CLASS II", ITEM 604.418, "REHAB DI, CB OR MH CLASS III" AND ITEM 604.40, "CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES HAVE BEEN INCLUDED IN THE QUANTITIES 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. DRAINAGE STRUCTURES CALLING FOR REHAB HAVE BEEN EVENLY DISTRIBUTED BETWEEN ITEMS 604.412, 604.415 AND 604.418 FOR ESTIMATING PURPOSES.
- ITEM 616.47, "BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS" WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS OR IN OTHER LOCATIONS AS DIRECTED BY THE RESIDENT ENGINEER. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDEROAD APPROACHES AND AROUND DRAINAGE AND UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30, "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT".
- ESTIMATED QUANTITIES OF ITEM 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. AN ESTIMATED QUANTITY OF 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 GUARDRAIL END SECTION. GUARDRAIL END SECTIONS SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF ITEM 402.13, "AGGREGATE SHOULDERS, RAP" UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF ITEM 402.13, "AGGREGATE SHOULDERS, RAP" 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".
- YIELDING MARKER POSTS ARE TO BE USED TO REPLACE NON-YIELDING MARKER POSTS AT PIPE INLETS AND OUTLETS ONLY.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
- SIDEWALK RAMPS ARE TO BE REMOVED AND REPLACED WHERE SHOWN ON THE PROJECT LAYOUT SHEETS. AN ESTIMATED QUANTITY OF ITEM 203.16, "SOLID ROCK EXCAVATION" AND ITEM 301.26, "SUBBASE OF CRUSHED GRAVEL, FINE GRADED" HAVE BEEN INCLUDED FOR REMOVAL AND REPLACEMENT OF EXISTING SUBBASE MATERIAL FOR EACH RAMP.
- ANY "DRAINS TO WATERWAY" PLAQUES ON EXISTING DROP INLET OR CATCH BASIN GRATES SHALL BE REMOVED PRIOR TO REHABILITATING THE STRUCTURE AND REPLACED ON THE NEW GRATE WHEN IT HAS BEEN INSTALLED. PAYMENT FOR THIS WORK WILL BE INCIDENTAL TO ITEMS 604.412, "REHAB DI, CB OR MH CLASS I", ITEM 604.415, "REHAB DI, CB OR MH CLASS II" AND ITEM 604.418, "REHAB DI, CB OR MH CLASS III".

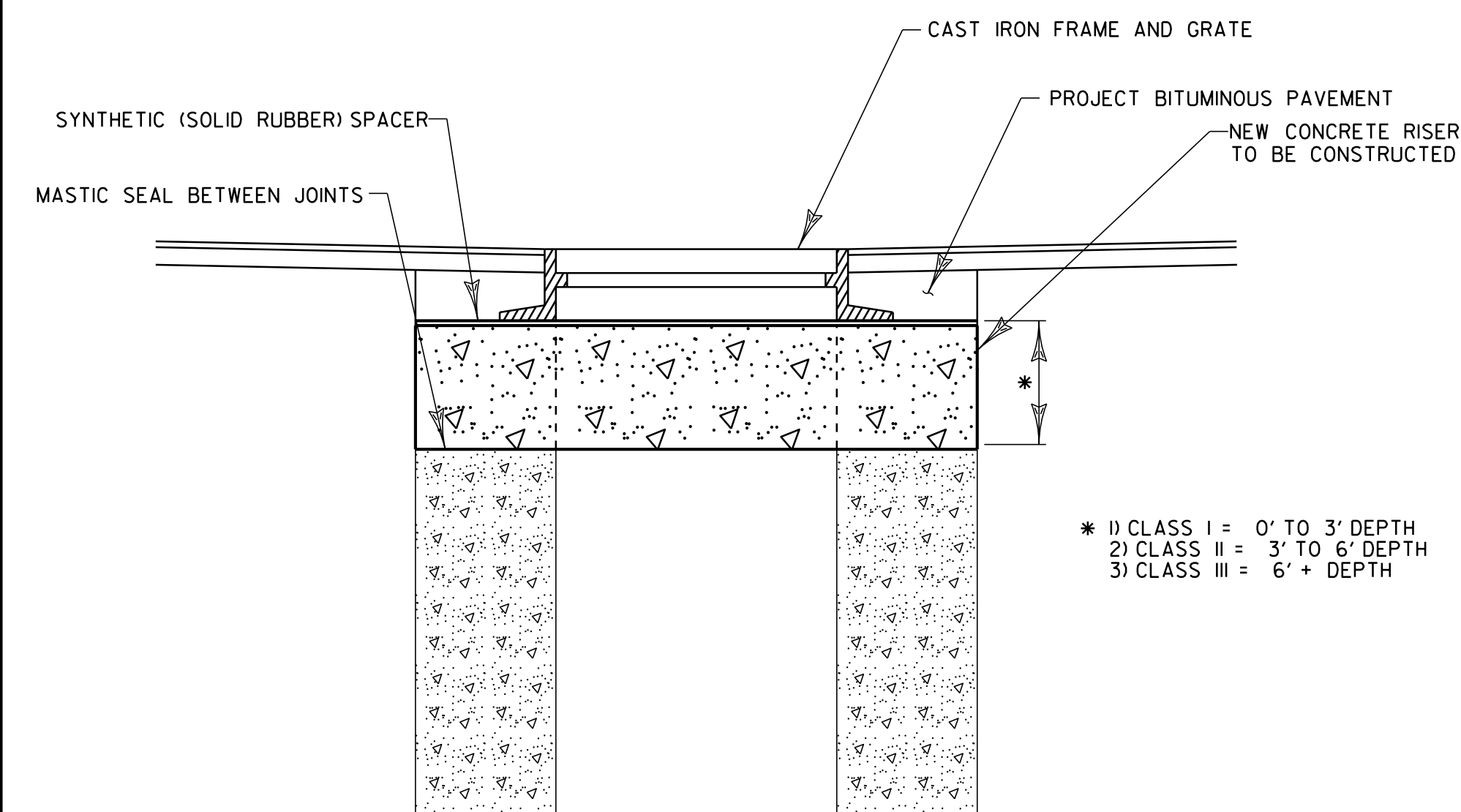


**REGRADING DETAIL**

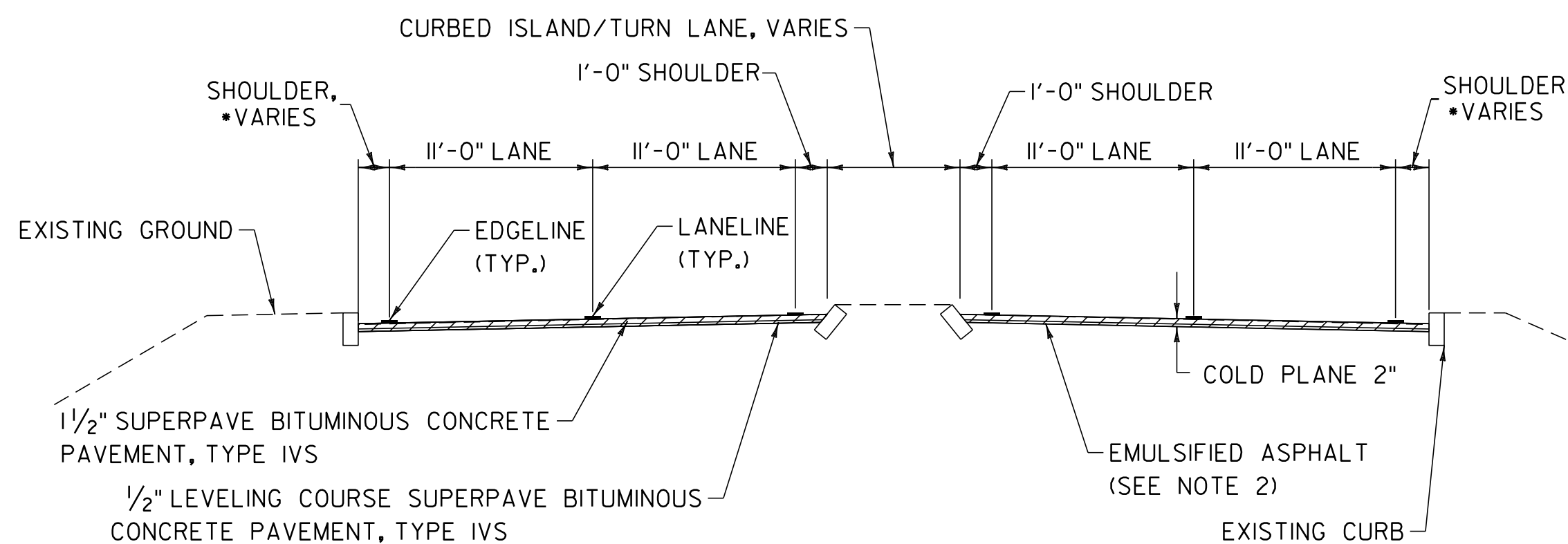
ESSEX  
STA. 10+80.00 RT TO STA. 11+55.00 RT

**NOTE:**

- REMOVAL OF EXISTING MATERIAL WILL BE PAID FOR UNDER THE APPROPRIATE RENTAL ITEMS.



- 1) CLASS I = 0' TO 3' DEPTH
- 2) CLASS II = 3' TO 6' DEPTH
- 3) CLASS III = 6' + DEPTH



**COLD PLANE AND OVERLAY TYPICAL SECTION - CURBED ISLAND**

COLCHESTER  
STA. 16+90.00 TO STA. 20+70.00  
STA. 26+22.00 TO STA. 36+80.00  
STA. 39+32.00 TO STA. 40+64.00  
STA. 44+88.00 TO STA. 61+64.00  
STA. 71+38.00 TO STA. 71+90.63 (TOWN LINE)  
ESSEX  
STA. 0+00.00 TO STA. 18+32.00  
STA. 30+57.00 TO STA. 50+31.00  
STA. 54+41.00 TO STA. 57+78.00

\* SEE PROJECT PAVING LIMITS TABLE, SHEET 4

**SEEDING FORMULA URBAN AREAS**

% WT.	LBS./A.	NAME	PUR %	GERM %
42.5	34.0	CREeping RED FESCUE	98	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
42.5	34.0	KENTUCKY BLUE GRASS	85	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.00	80.0			

**GENERAL NOTES**

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

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

FERTILIZER: 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: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

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

**NOTES:**

- FURNISHING AND PLACING OF CONCRETE FOR ADJUSTING ELEVATION OF GRATE SHALL BE INCLUDED IN THE UNIT PRICE FOR 604.40, 604.412, 604.415, 604.418, AND 604.42.
- NEW FRAMES AND GRATES FOR EACH DROP INLET ARE TO BE INCLUDED IN THE UNIT PRICE FOR 604.40, 604.412, 604.415, 604.418, AND 604.42.
- MASTIC JOINT SEALER AND SYNTHETIC SPACER SHALL BE INCLUDED IN THE UNIT PRICE FOR 604.40, 604.412, 604.415, 604.418, AND 604.42.

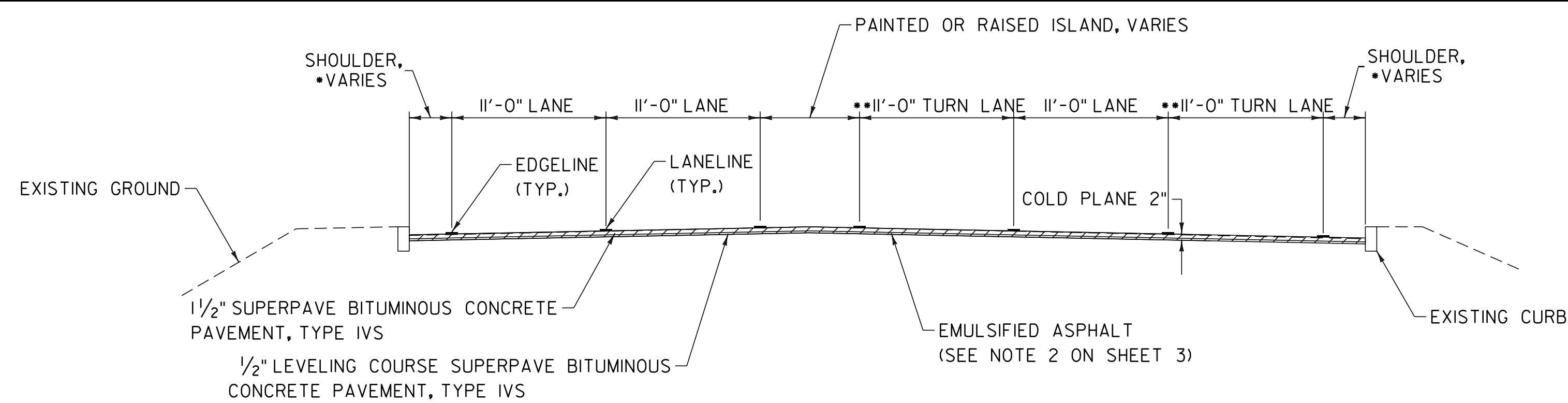
**PROJECT TYPICAL SHEET 1**

DETAILS ARE NOT TO SCALE

PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(1)

FILE NAME: p06b062.dgn  
PROJECT LEADER: CDL  
DESIGNED BY: SJL  
PLOT FILE: p06b062p+sl.i

PLOT DATE: 30-OCT-2012 12:0  
DRAWN BY: SJL  
CHECKED BY: EPD  
SHEET 3 OF 45



**COLD PLANE AND OVERLAY TYPICAL SECTION - ISLAND AND TURN LANE**

COLCHESTER  
 STA. 20+70.00 TO STA. 26+22.00  
 STA. 36+80.00 TO STA. 39+32.00  
 STA. 40+64.00 TO STA. 44+88.00  
 STA. 61+64.00 TO STA. 71+38.00

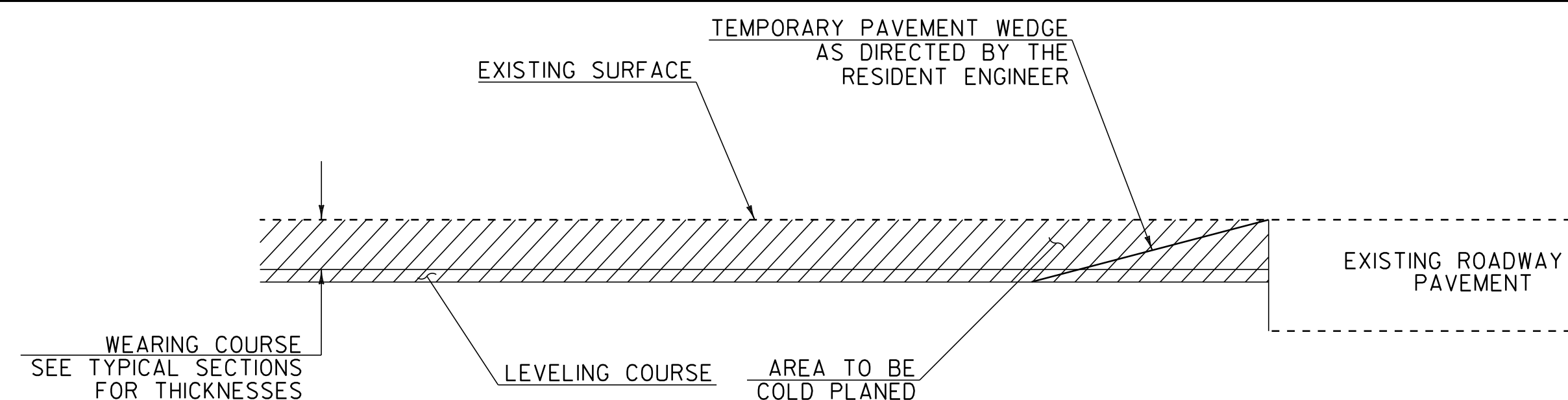
ESSEX  
 STA. 18+32.00 TO STA. 30+57.00  
 STA. 50+31.00 TO STA. 54+41.00

• SEE PROJECT PAVING LIMITS TABLE, THIS SHEET

•• EITHER LEFT OR RIGHT TURN LANES CAN BE PRESENT. CONDITION COULD ALSO BE PRESENT IN LEFT BARREL. SEE PLAN SHEETS AND PROJECT PAVING LIMITS TABLE, THIS SHEET.

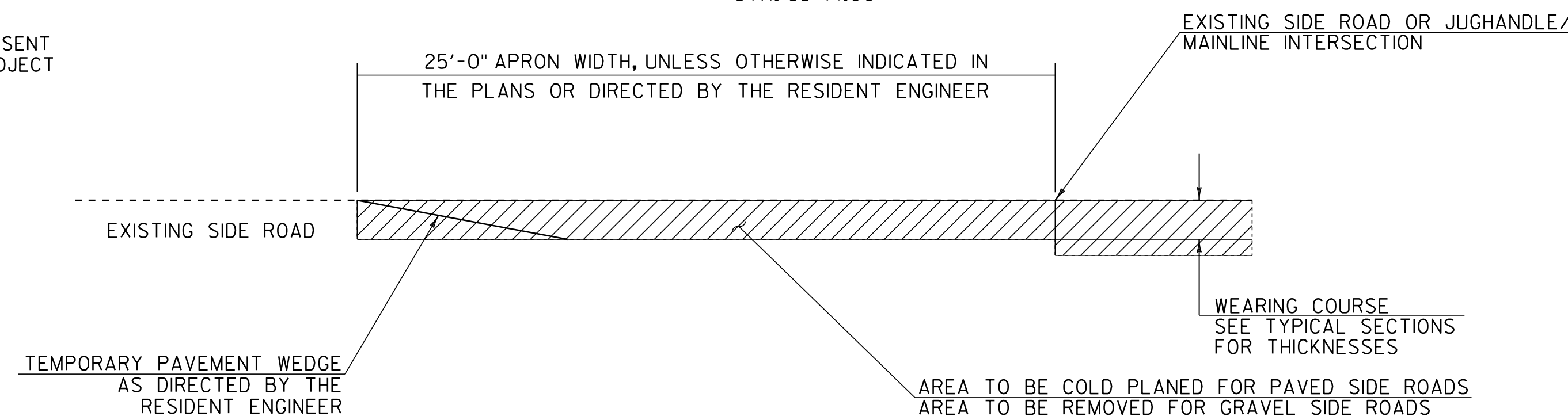
**PROJECT PAVING LIMITS**

TOWN AND ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
COLCHESTER	0+00.00	1+42.00	1' - 11' - 11' - VARIES - 11' - 11' - 1'	1 1/2"	22.65	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	1+42.00	7+34.00	1' - 11' - 11' - 11' - 11' - 1'	1 1/2"	89.75	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	7+34.00	16+90.00	1' - 11' - 11' - VARIES - 11' - 11' - 1'	1 1/2"	164.50	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	16+90.00	20+70.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	68.36	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	20+70.00	26+22.00	1' - 11' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	105.88	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	26+22.00	36+80.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	215.47	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	36+80.00	39+32.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 12' - 11' - 11' - 1'	1 1/2"	50.43	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	39+32.00	40+64.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	20.80	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	40+64.00	43+00.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 12' - 1'	1 1/2"	51.09	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	43+00.00	44+88.00	1' - 11' - 11' - 12' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	34.43	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	44+88.00	61+64.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	295.99	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	61+64.00	66+53.00	1' - 12' - 11' - 11' - 1' - MEDIAN - 1' - 12' - 11' - 11' - VARIES	1 1/2"	115.97	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	66+53.00	71+38.00	1' - 12' - 11' - 11' - 12' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	111.77	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	71+38.00	71+90.63	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	7.88	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
ESSEX	0+00.00	18+32.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	274.99	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	18+32.00	21+46.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 11' - 1'	1 1/2"	65.88	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	21+46.00	30+57.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 10.5' - 11' - 11' - 1'	1 1/2"	174.61	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	30+57.00	50+31.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	307.03	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	50+31.00	54+41.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 12' - 11' - 11' - 1'	1 1/2"	103.57	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	54+41.00	57+78.00	1' - 11' - 11' - 1' - MEDIAN - 1' - 11' - 11' - 1'	1 1/2"	75.71	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	57+78.00	79+07.00	1' - 11' - 11' - 11' - 11' - 1'	1 1/2"	341.01	COLD PLANE 2", LEVEL, 1/2" TYPE IVS
	79+07.00	83+14.00	1' - VARIES - 11' - VARIES - 11' - 1'	1 1/2"	63.38	COLD PLANE 2", LEVEL, 1/2" TYPE IVS



**APPROACH AREA DETAIL (BEGIN AND END PROJECT)**

COLCHESTER  
 STA. 0+00  
 ESSEX  
 STA. 83+14.00



**TRANSITION AREA FOR SIDE ROADS**

SEE LAYOUT SHEETS FOR LOCATIONS OF ALL SIDE ROADS

**TRAFFIC SIGNAL NOTES**

- PRIOR TO COLD PLANING, THE CONTRACTOR SHALL DISCONNECT THE VEHICLE DETECTOR LOOP IN THE CONTROLLER CABINET AND CUT IT AT THE CURB OR SHOULDER. ONCE THE VEHICLE DETECTOR LOOP IS DISCONNECTED, THE SIGNAL PHASE THAT IT WAS CALLING SHALL BE SET ON MAXIMUM RECALL OR THE SIGNAL SHALL BE SET TO FLASH WHILE TRAFFIC IS BEING CONTROLLED BY A UNIFORMED TRAFFIC OFFICER. DETECTOR AND SIGNAL WORK SHALL BE INCIDENTAL TO PAY ITEM 678.22, "VEHICLE LOOP DETECTOR" OR SPECIAL PROVISION ITEM 900.620 FOR THE APPROPRIATE INTERSECTION. UNIFORMED TRAFFIC OFFICERS WILL BE PAID FOR UNDER CONTRACT ITEM 630.10.
- SEE PROJECT LAYOUT SHEETS FOR SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) INSTALLATION LOCATIONS AND NOTES OR LOOP DETECTOR REPLACEMENT LOCATIONS.

**LOOP DETECTOR NOTES**

- THE LOOP DETECTORS SHOWN ON THE PROJECT LAYOUT SHEETS SHALL BE USED AS A GUIDE. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS, INCLUDING, BUT NOT LIMITED TO, UTILITIES, POLES, PULL BOXES, AND LOOP DETECTORS. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
- ALL PROPOSED VEHICLE DETECTOR LOOPS SHALL BE INSTALLED IN THE LEVELING COURSE, WHICH IS IMMEDIATELY BELOW THE WEARING SURFACE. ONCE THE PROPOSED VEHICLE DETECTOR LOOP IS INSTALLED, THE INDUCTANCE, RESISTANCE AND LEAKAGE TO GROUND MUST BE TESTED USING PROPERLY CALIBRATED EQUIPMENT. THESE TEST RESULTS SHALL BE COMPARED WITH THE CALCULATED VALUES SHOWN ON THE LAYOUT PLANS AND THE FIELD MEASURED VALUES SHALL BE RECORDED ON THE LAYOUT PLANS. UPON COMPLETION OF THE INSTALLATION OF A PROPOSED VEHICLE LOOP DETECTOR, THE SIGNAL SHALL BE RETURNED TO NORMAL OPERATION.
- THE CONTRACTOR SHALL USE THE EXISTING CONDUIT WHICH RUNS FROM THE CURB TO THE CONTROLLER PANEL FOR THE NEW LOOP DETECTORS.
- EXISTING TIMINGS WILL BE USED.
- WORK IMPROVEMENTS CONSISTING OF THOSE SHOWN ON THE PLANS SHALL BE PERFORMED ACCORDING TO SPECIFICATIONS AND STANDARD DRAWINGS OF THE VERMONT AGENCY OF TRANSPORTATION. VEHICLE DETECTOR LOOPS SHALL COMPLY WITH VTRANS STANDARD E-172.

**PROJECT TYPICAL SHEET 2**

PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(I)

FILE NAME: p06b062.dgn  
 PROJECT LEADER: CDL  
 DESIGNED BY: SJL  
 PLOT FILE: p06b062p+s2

PLOT DATE: 30-OCT-2012 12:0  
 DRAWN BY: SJL  
 CHECKED BY: EPD  
 SHEET 4 OF 45

DETAILS ARE NOT TO SCALE















**203.16 SOLID ROCK EXCAVATION**

STA. 0+00 - STA. 0+12 LT

**604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III**

STA. 0+29 RT "TYPE D GRATE"  
 STA. 1+78 LT "TYPE D GRATE"  
 STA. 1+80 RT "TYPE D GRATE"  
 STA. 3+30 RT "TYPE D GRATE"  
 STA. 3+40 LT "TYPE D GRATE"  
 STA. 4+61 RT & LT "TYPE D GRATE"

**604.42 CHANGING ELEVATION OF SEWER MANHOLES**  
 STA. 4+44 RT

**618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

STA. 0+00 - STA. 0+12 LT

**618.30 DETECTABLE WARNING SURFACE**

STA. 0+03 LT

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**  
 STA. 0+00 - STA. 5+25 (DASHED LT & RT)  
 STA. 0+00 - STA. 5+25 (SOLID RT & LT)

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**  
 STA. 0+00 - STA. 5+25 (SOLID LT, CENTERLINE)  
 STA. 0+00 - STA. 1+42 (SOLID RT, CENTERLINE)

**646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC**  
 STA. 0+00 - STA. 1+42 (HATCHED LT & RT)

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 2+75 LT "AHEAD"  
 STA. 2+75 LT "AHEAD"  
 STA. 3+15 LT "SIGNAL"  
 STA. 3+15 LT "SIGNAL"

**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 0+00 - STA. 5+25 (DASHED LT & RT)  
 STA. 0+00 - STA. 5+25 (SOLID RT & LT)  
**646.612 TEMPORARY 4" YELLOW LINE, PAINT**  
 STA. 0+00 - STA. 5+25 (SOLID LT, CENTERLINE)  
 STA. 0+00 - STA. 1+42 (SOLID RT, CENTERLINE)

**646.652 TEMPORARY 8" YELLOW LINE, PAINT**

STA. 0+00 - STA. 1+42 (HATCHED LT & RT)

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

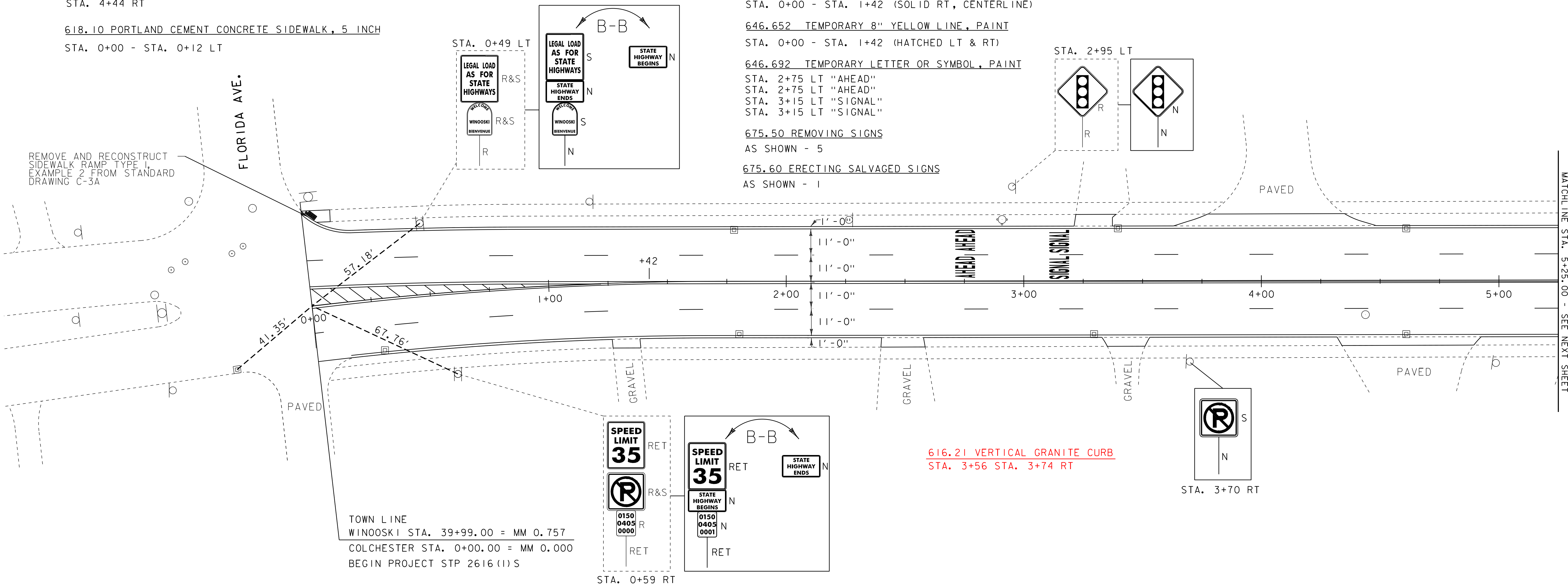
STA. 2+75 LT "AHEAD"  
 STA. 2+75 LT "AHEAD"  
 STA. 3+15 LT "SIGNAL"  
 STA. 3+15 LT "SIGNAL"

**675.50 REMOVING SIGNS**

AS SHOWN - 5

**675.60 ERECTING SALVAGED SIGNS**

AS SHOWN - 1



MATCHLINE STA. 5+25.00 - SEE NEXT SHEET

**LEGEND**

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

**SIGN LEGEND**

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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

<b>PROJECT LAYOUT SHEET 1</b>	PROJECT NAME: COLCHESTER-ESSEX
	PROJECT NUMBER: STP 2616(I)S
	FILE NAME: p06b062.dgn
	PLOT DATE: 30-OCT-2012 12:00
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: p06b062pl01.i	SHEET 9 OF \$SH\$

203.16 SOLID ROCK EXCAVATION

STA. 10+75 - STA. 10+80 LT

604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III

STA. 5+49 RT "TYPE D GRATE"  
 STA. 6+75 RT & LT "TYPE D GRATE"  
 STA. 9+10 RT & LT "TYPE D GRATE"  
 STA. 10+92 LT "TYPE D GRATE"  
 STA. 10+93 RT "TYPE D GRATE"

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 7+12 RT  
 STA. 9+61 RT

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 10+75 - STA. 10+80 LT

618.30 DETECTABLE WARNING SURFACE

STA. 10+78 LT

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 5+25 - STA. 11+00 (SOLID LT)  
 STA. 5+25 - STA. 10+64 (SOLID RT)  
 STA. 5+25 - STA. 10+64 (DASHED LT & RT)  
 STA. 7+34 - STA. 8+69 (DOTTED RT)  
 STA. 8+69 - STA. 10+64 (SOLID RT)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 5+25 - STA. 10+64 (SOLID LT, CENTERLINE)

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC

STA. 10+64 LT & RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 8+75 LT "ONLY"  
 STA. 9+36 LT ARROW  
 STA. 9+97 LT "ONLY"  
 STA. 10+58 LT ARROW

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC

STA. 10+78 LT & RT

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 5+25 - STA. 11+00 (SOLID LT)  
 STA. 5+25 - STA. 10+64 (SOLID RT)  
 STA. 5+25 - STA. 10+64 (DASHED LT & RT)  
 STA. 7+34 - STA. 8+69 (DOTTED RT)  
 STA. 8+69 - STA. 10+64 (SOLID RT)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 5+25 - STA. 10+64 (SOLID LT, CENTERLINE)

646.682 TEMPORARY 24" STOP BAR, PAINT

STA. 10+64 LT & RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

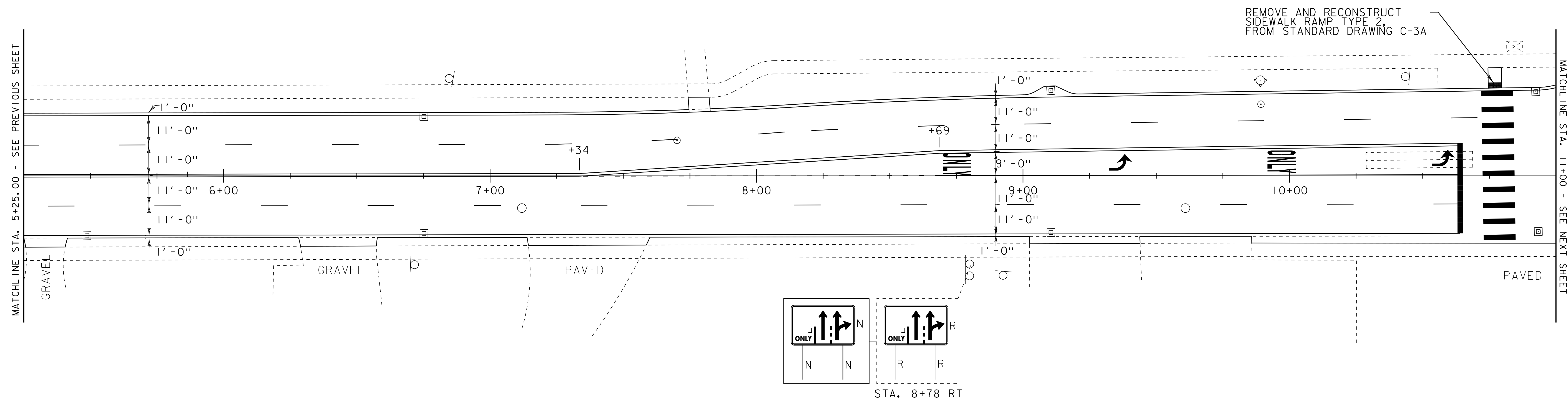
STA. 8+75 LT "ONLY"  
 STA. 9+36 LT ARROW  
 STA. 9+97 LT "ONLY"  
 STA. 10+58 LT ARROW

646.702 TEMPORARY CROSSWALK MARKING, PAINT

STA. 10+78 LT & RT

675.50 REMOVING SIGNS

AS SHOWN - 1



**NOTE**  
 1.) ALL VALVE BOX ADJUSTMENTS TO BE DONE BY OTHERS.

- LEGEND**
- HYDRANT
  - MANHOLE
  - WATER VALVE
  - GAS PIPELINE MARKER
  - CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊠ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL
- SIGN LEGEND**
- R = REMOVE
  - R&S = REMOVE AND SALVAGE
  - RET = RETAIN
  - S = SALVAGE
  - N = NEW
  - B-B = BACK TO BACK

DATUM  
 VERTICAL          N/A  
 HORIZONTAL          N/A

NOT TO SCALE

<b>PROJECT LAYOUT SHEET 2</b>	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:0
	PROJECT NUMBER: STP 2616(I)	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	DESIGNED BY: CDL	SHEET 10 OF 45
	PLOT FILE: p06b062pl02.i	

**203.16 SOLID ROCK EXCAVATION**

STA. 11+05 - STA. 11+17 LT  
 STA. 11+55 - STA. 11+63 LT

**604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III**

STA. 12+85 LT "TYPE D GRATE"  
 STA. 12+93 RT "TYPE D GRATE"  
 STA. 14+93 LT "TYPE D GRATE"  
 STA. 14+94 RT "TYPE D GRATE"

**604.42 CHANGING ELEVATION OF SEWER MANHOLES**

STA. 12+97 RT  
 STA. 16+16 RT

**618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

STA. 11+05 - STA. 11+17 LT  
 STA. 11+55 - STA. 11+63 LT

**618.30 DETECTABLE WARNING SURFACE**

STA. 11+13 LT  
 STA. 11+60 LT

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 11+00 - STA. 17+25 (SOLID LT)  
 (WITH EDGE LINE BREAK AT ST MICHAELS ACCESS)  
 STA. 11+12 - STA. 17+25 (SOLID RT)  
 STA. 11+79 - STA. 17+25 (DASHED LT & RT)  
 STA. 11+79 - STA. 12+70 (SOLID LT)  
 STA. 12+70 - STA. 13+70 (DOTTED LT)

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**

STA. 11+79 - STA. 16+93 (SOLID LT & RT, CENTERLINE)  
 STA. 12+70 - STA. 16+93 (SOLID LT & RT, CENTERLINE)  
 STA. 16+93 - STA. 17+25 (SOLID LT & RT)  
 (AROUND MEDIAN)

**646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC**

STA. 12+70 - STA. 16+90 (HATCHED LT)

**646.482 DURABLE 24" STOP BAR, THERMOPLASTIC**

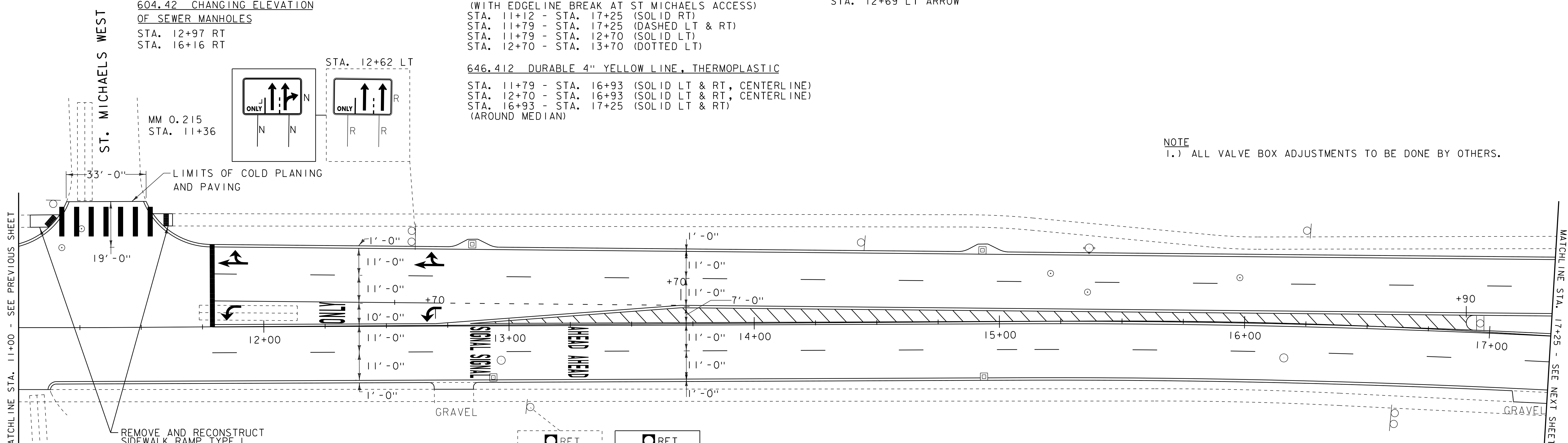
STA. 11+79 LT

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 11+88 LT ARROW      STA. 12+88 RT "SIGNAL"  
 STA. 11+89 LT ARROW      STA. 12+88 RT "SIGNAL"  
 STA. 12+28 LT "ONLY"      STA. 13+28 RT "AHEAD"  
 STA. 12+68 LT ARROW      STA. 13+28 RT "AHEAD"  
 STA. 12+69 LT ARROW

**NOTE**

1.) ALL VALVE BOX ADJUSTMENTS TO BE DONE BY OTHERS.

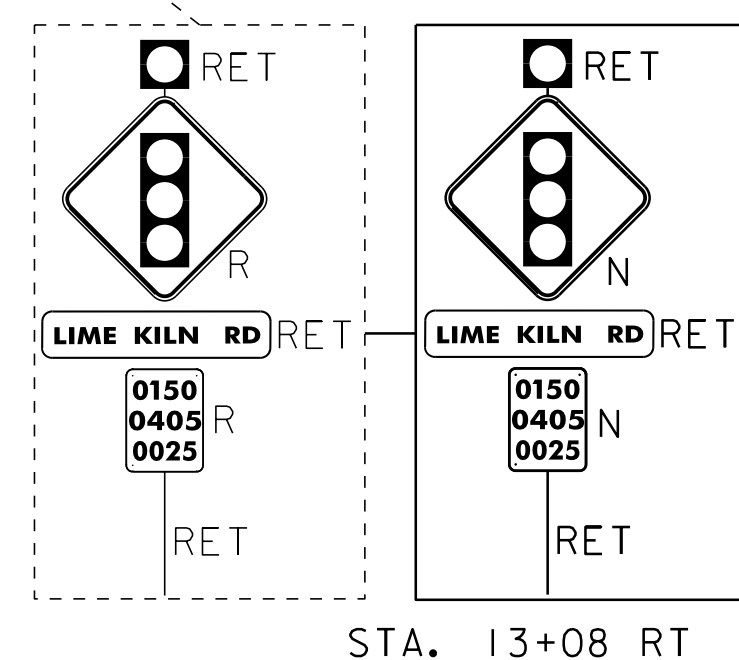


**VIDEO VEHICLE DETECTION SYSTEM EQUIPMENT LIST**

LIST OF MAJOR EQUIPMENT	
ITEM #	QUANTITY
900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 15 @ ST. MICHAELS WEST)	
ENCOM MODEL EP-5200,RS-232, SHELF MOUNT RADIO	1
YAGI ANTENNA, 8.5 DB, 900 MHZ	1
LIGHTNING PROTECTION	1
6' RF JUMPER CABLE	1
ENCOM DATA CABLE, CB-81	1
LMR COAXIAL CABLE, CB-1055	1
ECONOLITE ASC/3-2100 CONTROLLER	1
ECONOLITE AUTOSCOPE SOLO - VIDEO DETECTION	4

**VIDEO VEHICLE DETECTION SYSTEM NOTES:**

- 1) NEW ECONOLITE ASC/3-2100 CONTROLLER TO REPLACE EXISTING MODEL 8000 CONTROLLER.
- 2) VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- 3) VIDEO VEHICLE DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- 4) THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.



**646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC**

STA. 11+17 LT - STA. 11+53 LT

**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 11+00 - STA. 17+25 (SOLID LT)  
 (WITH EDGE LINE BREAK AT ST. MICHAELS ACCESS)  
 STA. 11+12 - STA. 17+25 (SOLID RT)  
 STA. 11+79 - STA. 17+25 (DASHED LT & RT)  
 STA. 11+79 - STA. 12+70 (SOLID LT)  
 STA. 12+70 - STA. 13+70 (DOTTED LT)

**646.612 TEMPORARY 4" YELLOW LINE, PAINT**

STA. 11+79 - STA. 16+93 (SOLID LT & RT, CENTERLINE)  
 STA. 12+70 - STA. 16+93 (SOLID LT & RT, CENTERLINE)  
 STA. 16+93 - STA. 17+25 (SOLID LT & RT)  
 (AROUND MEDIAN)

**646.652 TEMPORARY 8" YELLOW LINE, PAINT**

STA. 12+70 - STA. 16+90 (HATCHED LT)

**646.682 TEMPORARY 24" STOP BAR, PAINT**

STA. 11+79 LT

**646.81 PAINTED CURB**

STA. 16+90 - STA. 17+20 LT  
 (BOTH EDGES OF MEDIAN)

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 11+88 LT ARROW      STA. 12+88 RT "SIGNAL"  
 STA. 11+89 LT ARROW      STA. 12+88 RT "SIGNAL"  
 STA. 12+28 LT "ONLY"      STA. 13+28 RT "AHEAD"  
 STA. 12+68 LT ARROW      STA. 13+28 RT "AHEAD"  
 STA. 12+69 LT ARROW

**646.702 TEMPORARY CROSSWALK MARKING, PAINT**

STA. 11+17 LT - STA. 11+53 LT

**675.50 REMOVING SIGNS**

AS SHOWN - 3

**LEGEND**

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

**SIGN LEGEND**

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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**PROJECT LAYOUT SHEET 3**

PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(I)

FILE NAME: p06b062.dgn  
 PROJECT LEADER: EPD  
 DESIGNED BY: CDL  
 PLOT FILE: p06b062pl03.i

PLOT DATE: 30-OCT-2012 12:0  
 DRAWN BY: SJL  
 CHECKED BY: EPD  
 SHEET II OF 45

NOT TO SCALE

**203.16 SOLID ROCK EXCAVATION**

STA. 19+54 - STA. 19+68 RT  
 STA. 19+64 - STA. 19+85 LT  
 STA. 20+32 - STA. 20+50 LT  
 STA. 20+47 - STA. 20+60 RT

**604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III**

STA. 18+41 LT "TYPE D GRATE"  
 STA. 19+87 LT "TYPE D GRATE"  
 STA. 20+52 LT "TYPE D GRATE"  
 STA. 20+66 LT "TYPE D GRATE"  
 STA. 22+00 LT "TYPE D GRATE"  
 STA. 22+08 RT "TYPE D GRATE"

**604.42 CHANGING ELEVATION OF SEWER MANHOLES**

STA. 19+37 RT  
 STA. 22+08 LT

**618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

STA. 19+54 - STA. 19+68 RT  
 STA. 19+64 - STA. 19+85 LT  
 STA. 20+32 - STA. 20+50 LT  
 STA. 20+47 - STA. 20+60 RT

**618.30 DETECTABLE WARNING SURFACE**

STA. 19+63 RT  
 STA. 19+74 LT  
 STA. 20+41 LT  
 STA. 20+52 RT

**629.20 ADJUST ELEVATION OF VALVE BOX**

STA. 20+43 LT  
 STA. 21+27 LT

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 17+25 - STA. 22+75 (SOLID LT & RT) (WITH EDGELINE BREAKS AT LIME KILN ROAD)  
 STA. 17+25 - STA. 19+55 (DASHED LT & RT)  
 STA. 20+25 (SOLID RT)  
 STA. 20+77 - STA. 22+75 (DASHED LT & RT)  
 STA. 20+77 - STA. 22+75 (SOLID LT)

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**

STA. 17+25 - STA. 19+66 (SOLID LT & RT)  
 STA. 20+08 - STA. 20+16 (SOLID RT)  
 STA. 20+70 - STA. 22+75 (SOLID LT & RT)

**646.482 DURABLE 24" STOP BAR, THERMOPLASTIC**

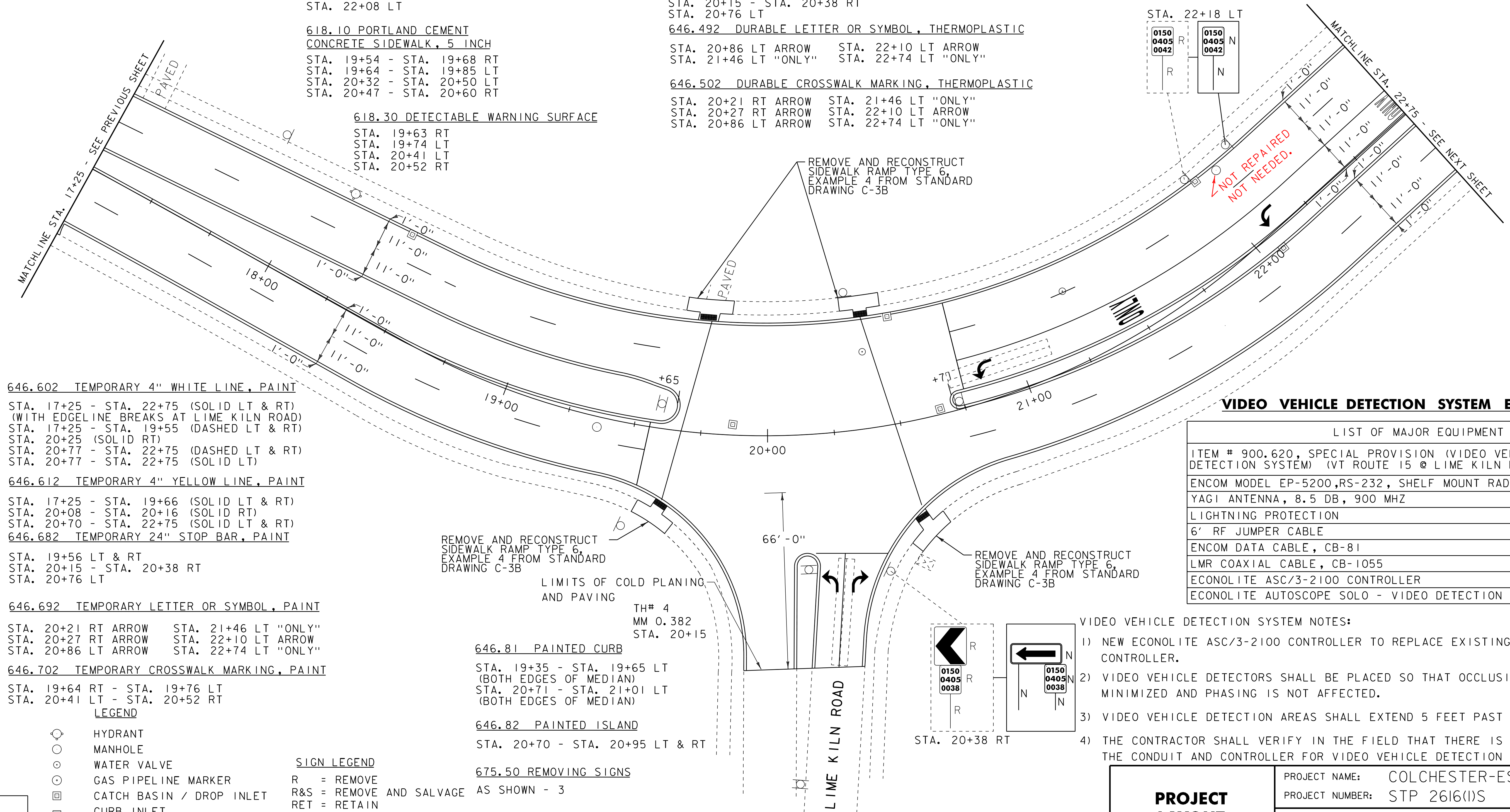
STA. 19+56 LT & RT  
 STA. 20+15 - STA. 20+38 RT  
 STA. 20+76 LT

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 20+86 LT ARROW    STA. 22+10 LT ARROW  
 STA. 21+46 LT "ONLY"    STA. 22+74 LT "ONLY"

**646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC**

STA. 20+21 RT ARROW    STA. 21+46 LT "ONLY"  
 STA. 20+27 RT ARROW    STA. 22+10 LT ARROW  
 STA. 20+86 LT ARROW    STA. 22+74 LT "ONLY"



**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 17+25 - STA. 22+75 (SOLID LT & RT) (WITH EDGELINE BREAKS AT LIME KILN ROAD)  
 STA. 17+25 - STA. 19+55 (DASHED LT & RT)  
 STA. 20+25 (SOLID RT)  
 STA. 20+77 - STA. 22+75 (DASHED LT & RT)  
 STA. 20+77 - STA. 22+75 (SOLID LT)

**646.612 TEMPORARY 4" YELLOW LINE, PAINT**

STA. 17+25 - STA. 19+66 (SOLID LT & RT)  
 STA. 20+08 - STA. 20+16 (SOLID RT)  
 STA. 20+70 - STA. 22+75 (SOLID LT & RT)

**646.682 TEMPORARY 24" STOP BAR, PAINT**

STA. 19+56 LT & RT  
 STA. 20+15 - STA. 20+38 RT  
 STA. 20+76 LT

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 20+21 RT ARROW    STA. 21+46 LT "ONLY"  
 STA. 20+27 RT ARROW    STA. 22+10 LT ARROW  
 STA. 20+86 LT ARROW    STA. 22+74 LT "ONLY"

**646.702 TEMPORARY CROSSWALK MARKING, PAINT**

STA. 19+64 RT - STA. 19+76 LT  
 STA. 20+41 LT - STA. 20+52 RT

**LEGEND**

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

**SIGN LEGEND**

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

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 4 FROM STANDARD DRAWING C-3B

LIMITS OF COLD PLANING AND PAVING

TH# 4  
 MM 0.382  
 STA. 20+15

**646.81 PAINTED CURB**

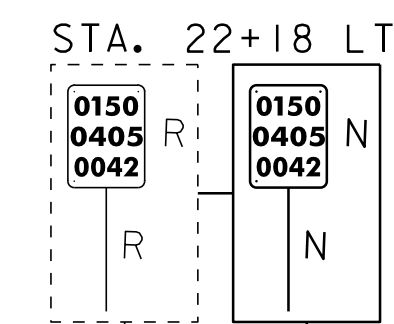
STA. 19+35 - STA. 19+65 LT (BOTH EDGES OF MEDIAN)  
 STA. 20+71 - STA. 21+01 LT (BOTH EDGES OF MEDIAN)

**646.82 PAINTED ISLAND**

STA. 20+70 - STA. 20+95 LT & RT

**675.50 REMOVING SIGNS**

AS SHOWN - 3



**VIDEO VEHICLE DETECTION SYSTEM EQUIPMENT LIST**

LIST OF MAJOR EQUIPMENT	
ITEM #	QUANTITY
900.620, SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 15 @ LIME KILN RD.)	
ENCOM MODEL EP-5200,RS-232, SHELF MOUNT RADIO	1
YAGI ANTENNA, 8.5 DB, 900 MHZ	1
LIGHTNING PROTECTION	1
6' RF JUMPER CABLE	1
ENCOM DATA CABLE, CB-81	1
LMR COAXIAL CABLE, CB-1055	1
ECONOLITE ASC/3-2100 CONTROLLER	1
ECONOLITE AUTOSCOPE SOLO - VIDEO DETECTION	3

**VIDEO VEHICLE DETECTION SYSTEM NOTES:**

- 1) NEW ECONOLITE ASC/3-2100 CONTROLLER TO REPLACE EXISTING MODEL 8000 CONTROLLER.
- 2) VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- 3) VIDEO VEHICLE DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- 4) THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.

**PROJECT LAYOUT SHEET 4**

PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(I)S

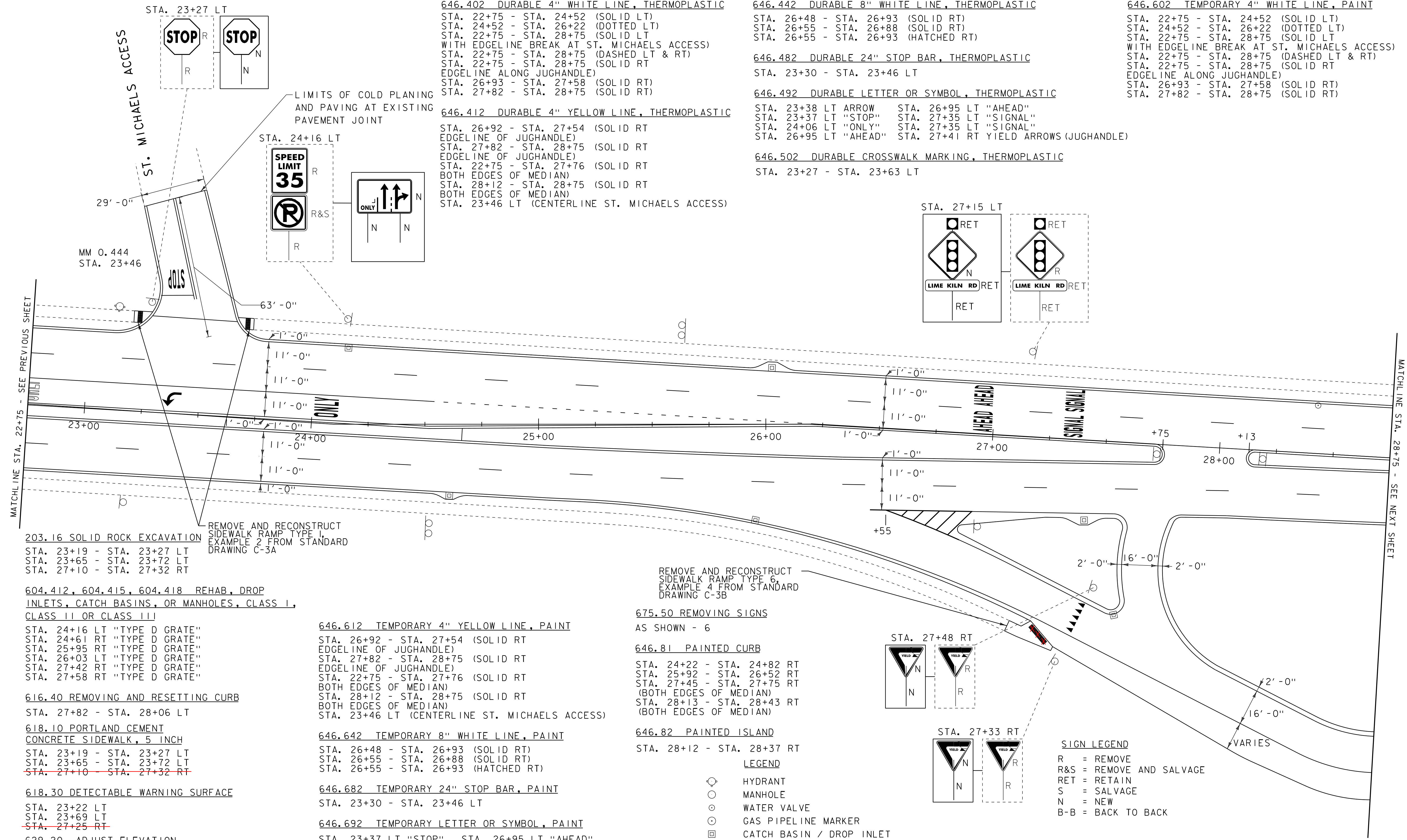
FILE NAME: p06b062.dgn    PLOT DATE: 30-OCT-2012 12:00  
 PROJECT LEADER: EPD    DRAWN BY: SJL  
 DESIGNED BY: CDL    CHECKED BY: EPD  
 PLOT FILE: p06b062pl04.i    SHEET 12 OF \$SH\$

NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

- 646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA. 22+75 - STA. 24+52 (SOLID LT)  
 STA. 24+52 - STA. 26+22 (DOTTED LT)  
 STA. 22+75 - STA. 28+75 (SOLID LT)  
 WITH EDGELINE BREAK AT ST. MICHAELS ACCESS  
 STA. 22+75 - STA. 28+75 (DASHED LT & RT)  
 STA. 22+75 - STA. 28+75 (SOLID RT)  
 EDGELINE ALONG JUGHANDLE  
 STA. 26+93 - STA. 27+58 (SOLID RT)  
 STA. 27+82 - STA. 28+75 (SOLID RT)
- 646.442 DURABLE 8" WHITE LINE, THERMOPLASTIC  
 STA. 26+48 - STA. 26+93 (SOLID RT)  
 STA. 26+55 - STA. 26+88 (SOLID RT)  
 STA. 26+55 - STA. 26+93 (HATCHED RT)
- 646.482 DURABLE 24" STOP BAR, THERMOPLASTIC  
 STA. 23+30 - STA. 23+46 LT
- 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 STA. 23+38 LT ARROW    STA. 26+95 LT "AHEAD"  
 STA. 23+37 LT "STOP"    STA. 27+35 LT "SIGNAL"  
 STA. 24+06 LT "ONLY"    STA. 27+35 LT "SIGNAL"  
 STA. 26+95 LT "AHEAD"    STA. 27+41 RT YIELD ARROWS (JUGHANDLE)
- 646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA. 23+27 - STA. 23+63 LT
- 646.602 TEMPORARY 4" WHITE LINE, PAINT  
 STA. 22+75 - STA. 24+52 (SOLID LT)  
 STA. 24+52 - STA. 26+22 (DOTTED LT)  
 STA. 22+75 - STA. 28+75 (SOLID LT)  
 WITH EDGELINE BREAK AT ST. MICHAELS ACCESS  
 STA. 22+75 - STA. 28+75 (DASHED LT & RT)  
 STA. 22+75 - STA. 28+75 (SOLID RT)  
 EDGELINE ALONG JUGHANDLE  
 STA. 26+93 - STA. 27+58 (SOLID RT)  
 STA. 27+82 - STA. 28+75 (SOLID RT)

- 646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA. 26+92 - STA. 27+54 (SOLID RT)  
 EDGELINE OF JUGHANDLE  
 STA. 27+82 - STA. 28+75 (SOLID RT)  
 EDGELINE OF JUGHANDLE  
 STA. 22+75 - STA. 27+76 (SOLID RT)  
 BOTH EDGES OF MEDIAN  
 STA. 28+12 - STA. 28+75 (SOLID RT)  
 BOTH EDGES OF MEDIAN  
 STA. 23+46 LT (CENTERLINE ST. MICHAELS ACCESS)



203.16 SOLID ROCK EXCAVATION  
 STA. 23+19 - STA. 23+27 LT  
 STA. 23+65 - STA. 23+72 LT  
 STA. 27+10 - STA. 27+32 RT

604.412, 604.415, 604.418 REHAB, DROP  
 INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
 CLASS II OR CLASS III

STA. 24+16 LT "TYPE D GRATE"  
 STA. 24+61 RT "TYPE D GRATE"  
 STA. 25+95 RT "TYPE D GRATE"  
 STA. 26+03 LT "TYPE D GRATE"  
 STA. 27+42 RT "TYPE D GRATE"  
 STA. 27+58 RT "TYPE D GRATE"

616.40 REMOVING AND RESETTING CURB  
 STA. 27+82 - STA. 28+06 LT

618.10 PORTLAND CEMENT  
 CONCRETE SIDEWALK, 5 INCH  
 STA. 23+19 - STA. 23+27 LT  
 STA. 23+65 - STA. 23+72 LT  
 STA. 27+10 - STA. 27+32 RT

618.30 DETECTABLE WARNING SURFACE  
 STA. 23+22 LT  
 STA. 23+69 LT  
 STA. 27+25 RT

629.20 ADJUST ELEVATION  
 OF VALVE BOX  
 STA. 28+42 LT

646.612 TEMPORARY 4" YELLOW LINE, PAINT  
 STA. 26+92 - STA. 27+54 (SOLID RT)  
 EDGELINE OF JUGHANDLE  
 STA. 27+82 - STA. 28+75 (SOLID RT)  
 EDGELINE OF JUGHANDLE  
 STA. 22+75 - STA. 27+76 (SOLID RT)  
 BOTH EDGES OF MEDIAN  
 STA. 28+12 - STA. 28+75 (SOLID RT)  
 BOTH EDGES OF MEDIAN  
 STA. 23+46 LT (CENTERLINE ST. MICHAELS ACCESS)

646.642 TEMPORARY 8" WHITE LINE, PAINT  
 STA. 26+48 - STA. 26+93 (SOLID RT)  
 STA. 26+55 - STA. 26+88 (SOLID RT)  
 STA. 26+55 - STA. 26+93 (HATCHED RT)

646.682 TEMPORARY 24" STOP BAR, PAINT  
 STA. 23+30 - STA. 23+46 LT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
 STA. 23+37 LT "STOP"    STA. 26+95 LT "AHEAD"  
 STA. 23+38 LT ARROW    STA. 27+35 LT "SIGNAL"  
 STA. 24+06 LT "ONLY"    STA. 27+35 LT "SIGNAL"  
 STA. 26+95 LT "AHEAD"    STA. 27+41 RT YIELD ARROWS (JUGHANDLE)

646.702 TEMPORARY CROSSWALK MARKING, PAINT  
 STA. 23+27 - STA. 23+63 LT

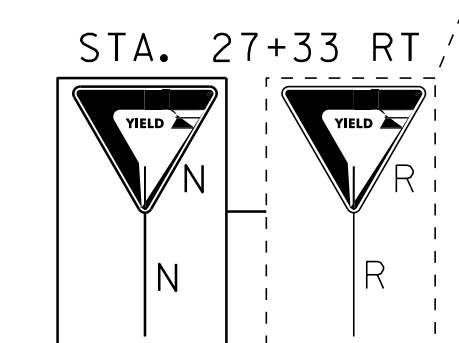
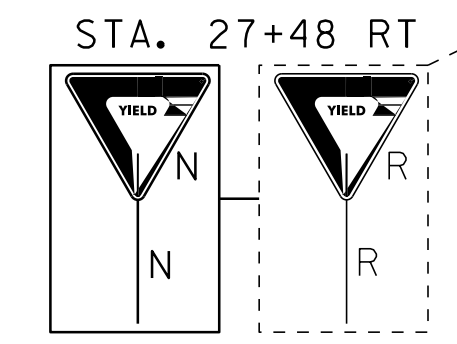
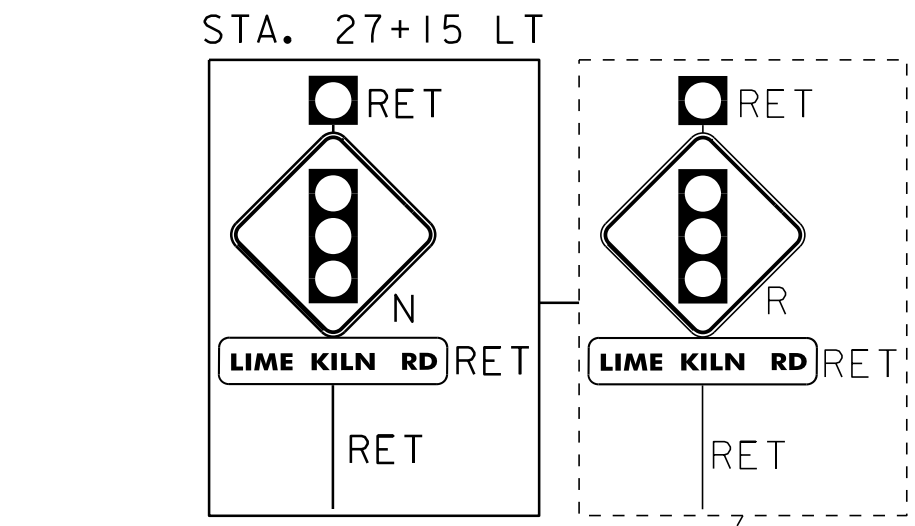
REMOVE AND RECONSTRUCT  
 SIDEWALK RAMP TYPE 6,  
 EXAMPLE 4 FROM STANDARD  
 DRAWING C-3B

675.50 REMOVING SIGNS  
 AS SHOWN - 6

646.81 PAINTED CURB  
 STA. 24+22 - STA. 24+82 RT  
 STA. 25+92 - STA. 26+52 RT  
 STA. 27+45 - STA. 27+75 RT  
 (BOTH EDGES OF MEDIAN)  
 STA. 28+13 - STA. 28+43 RT  
 (BOTH EDGES OF MEDIAN)

646.82 PAINTED ISLAND  
 STA. 28+12 - STA. 28+37 RT

- LEGEND
- HYDRANT
  - MANHOLE
  - WATER VALVE
  - GAS PIPELINE MARKER
  - CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊗ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL



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

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

<b>PROJECT LAYOUT SHEET 5</b>	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:0
	PROJECT NUMBER: STP 2616(I)S	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	DESIGNED BY: CDL
	PROJECT LEADER: EPD	CHECKED BY: EPD
	PLOT FILE: p06b062pl05.i	SHEET 13 OF \$SH\$

**VIDEO VEHICLE DETECTION SYSTEM EQUIPMENT LIST**

LIST OF MAJOR EQUIPMENT	
ITEM #	QUANTITY
900.620, SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 15 @ ST. MICHAELS EAST)	
ENCOM MODEL EP-5200,RS-232, SHELF MOUNT RADIO	1
YAGI ANTENNA, 8.5 DB, 900 MHZ	1
LIGHTNING PROTECTION	1
6' RF JUMPER CABLE	1
ENCOM DATA CABLE, CB-81	1
LMR COAXIAL CABLE, CB-1055	1
ECONOLITE ASC/3-2100 CONTROLLER	1
ECONOLITE AUTOSCOPE SOLO - VIDEO DETECTION	4

**VIDEO VEHICLE DETECTION SYSTEM NOTES:**

- 1) NEW ECONOLITE ASC/3-2100 CONTROLLER TO REPLACE EXISTING MODEL 8000 CONTROLLER.
- 2) VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- 3) VIDEO VEHICLE DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- 4) THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.

203.16 SOLID ROCK EXCAVATION  
 STA. 29+07 - STA. 29+24 LT  
 STA. 29+54 - STA. 29+64 RT  
 STA. 29+96 - STA. 30+11 LT

646.82 PAINTED ISLAND  
 STA. 28+90 - STA. 29+15 RT  
 STA. 30+33 - STA. 30+58 RT

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
 STA. 29+07 - STA. 29+24 LT  
~~STA. 29+54 - STA. 29+64 RT~~  
 STA. 29+96 - STA. 30+11 LT

618.30 DETECTABLE WARNING SURFACE  
 STA. 29+17 LT  
~~STA. 29+56 RT~~  
 STA. 30+03 LT

629.20 ADJUST ELEVATION OF VALVE BOX  
 STA. 29+62 LT

675.50 REMOVING SIGNS  
 AS SHOWN - 9

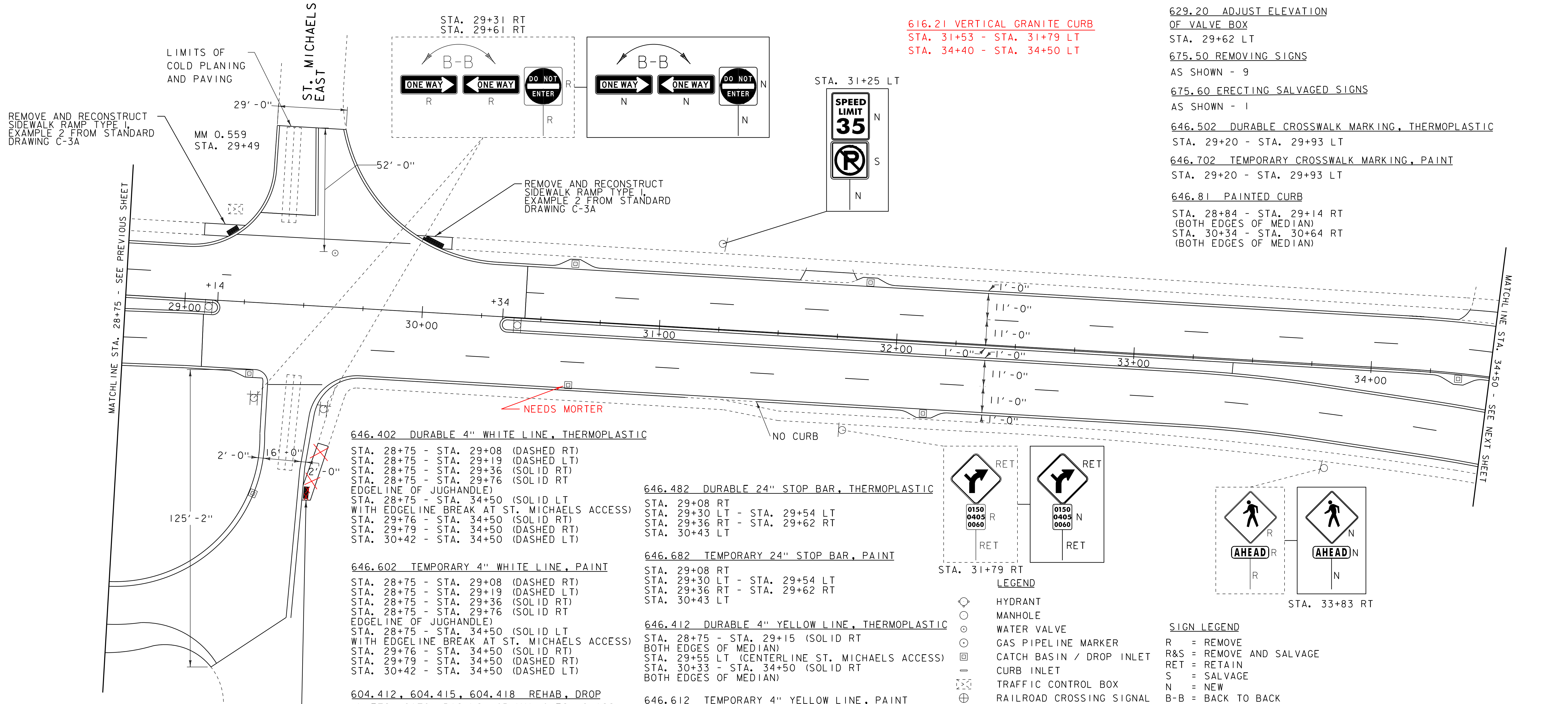
675.60 ERECTING SALVAGED SIGNS  
 AS SHOWN - 1

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA. 29+20 - STA. 29+93 LT

646.702 TEMPORARY CROSSWALK MARKING, PAINT  
 STA. 29+20 - STA. 29+93 LT

646.81 PAINTED CURB  
 STA. 28+84 - STA. 29+14 RT  
 (BOTH EDGES OF MEDIAN)  
 STA. 30+34 - STA. 30+64 RT  
 (BOTH EDGES OF MEDIAN)

616.21 VERTICAL GRANITE CURB  
 STA. 31+53 - STA. 31+79 LT  
 STA. 34+40 - STA. 34+50 LT



646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

- STA. 28+75 - STA. 29+08 (DASHED RT)
- STA. 28+75 - STA. 29+19 (DASHED LT)
- STA. 28+75 - STA. 29+36 (SOLID RT)
- STA. 28+75 - STA. 29+76 (SOLID RT)
- EDGELINE OF JUGHANDLE)
- STA. 28+75 - STA. 34+50 (SOLID LT WITH EDGELINE BREAK AT ST. MICHAELS ACCESS)
- STA. 29+76 - STA. 34+50 (SOLID RT)
- STA. 29+79 - STA. 34+50 (DASHED RT)
- STA. 30+42 - STA. 34+50 (DASHED LT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

- STA. 28+75 - STA. 29+08 (DASHED RT)
- STA. 28+75 - STA. 29+19 (DASHED LT)
- STA. 28+75 - STA. 29+36 (SOLID RT)
- STA. 28+75 - STA. 29+76 (SOLID RT)
- EDGELINE OF JUGHANDLE)
- STA. 28+75 - STA. 34+50 (SOLID LT WITH EDGELINE BREAK AT ST. MICHAELS ACCESS)
- STA. 29+76 - STA. 34+50 (SOLID RT)
- STA. 29+79 - STA. 34+50 (DASHED RT)
- STA. 30+42 - STA. 34+50 (DASHED LT)

604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III

- STA. 29+29 RT "TYPE D GRATE"
- STA. 29+33 RT "TYPE D GRATE"
- STA. 30+63 RT&LT "TYPE D GRATE"
- STA. 31+88 LT "TYPE D GRATE"
- STA. 32+13 RT "TYPE D GRATE"
- STA. 34+37 RT "TYPE D GRATE"

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC

- STA. 29+08 RT
- STA. 29+30 LT - STA. 29+54 LT
- STA. 29+36 RT - STA. 29+62 RT
- STA. 30+43 LT

646.682 TEMPORARY 24" STOP BAR, PAINT

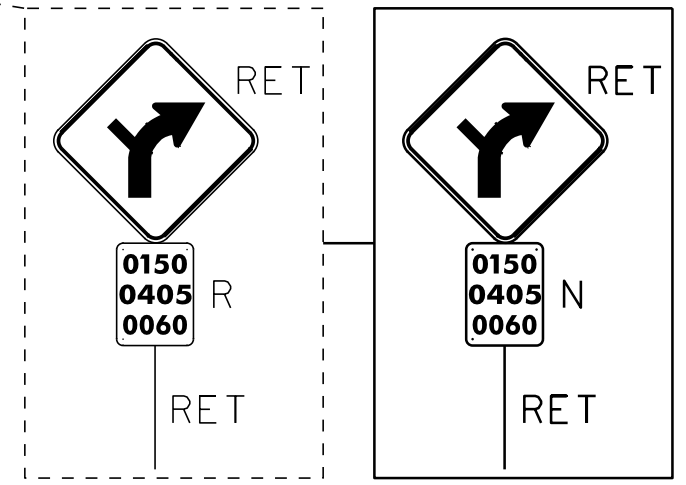
- STA. 29+08 RT
- STA. 29+30 LT - STA. 29+54 LT
- STA. 29+36 RT - STA. 29+62 RT
- STA. 30+43 LT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

- STA. 28+75 - STA. 29+15 (SOLID RT BOTH EDGES OF MEDIAN)
- STA. 29+55 LT (CENTERLINE ST. MICHAELS ACCESS)
- STA. 30+33 - STA. 34+50 (SOLID RT BOTH EDGES OF MEDIAN)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

- STA. 28+75 - STA. 29+15 (SOLID RT BOTH EDGES OF MEDIAN)
- STA. 29+55 LT (CENTERLINE ST. MICHAELS ACCESS)
- STA. 30+33 - STA. 34+50 (SOLID RT BOTH EDGES OF MEDIAN)



STA. 31+79 RT

**LEGEND**

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

**SIGN LEGEND**

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

**PROJECT LAYOUT SHEET 6**

PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(I)S

FILE NAME: p06b062.dgn  
 PROJECT LEADER: EPD  
 DESIGNED BY: CDL  
 PLOT FILE: p06b062pl06.i

PLOT DATE: 30-OCT-2012 12:0  
 DRAWN BY: SJL  
 CHECKED BY: EPD  
 SHEET 14 OF \$SH\$

NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 4 FROM STANDARD DRAWING C-3B

**203.16 SOLID ROCK EXCAVATION**

STA. 38+70 - STA. 38+80 LT  
 STA. 39+06 - STA. 39+16 RT  
 STA. 39+36 - STA. 39+51 LT

**604.42 CHANGING ELEVATION OF SEWER MANHOLES**

STA. 34+83 LT

**618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

STA. 38+70 - STA. 38+80 LT  
 STA. 39+06 - STA. 39+16 RT  
 STA. 39+36 - STA. 39+51 LT

**618.30 DETECTABLE WARNING SURFACE**

STA. 38+74 LT  
 STA. 39+11 RT  
 STA. 39+42 LT

**629.20 ADJUST ELEVATION OF VALVE BOX**

STA. 38+71 RT

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 36+70 LT YIELD ARROWS STA. 38+62 RT ARROW  
 STA. 37+82 RT ARROW STA. 38+96 LT "STOP"  
 STA. 38+22 RT "ONLY"

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 36+70 LT YIELD ARROWS STA. 38+62 RT ARROW  
 STA. 37+82 RT ARROW STA. 38+96 LT "STOP"  
 STA. 38+22 RT "ONLY"

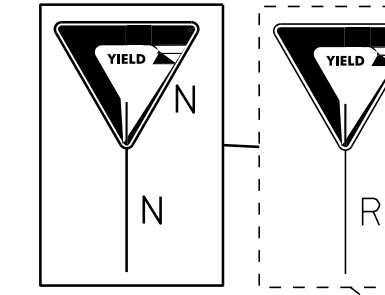
**646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC**

STA. 38+77 - STA. 39+10 LT & RT  
 STA. 38+79 - STA. 39+34 LT

**646.702 TEMPORARY CROSSWALK MARKING, PAINT**

STA. 38+77 - STA. 39+10 LT & RT  
 STA. 38+79 - STA. 39+34 LT

STA. 36+64 LT



LIMITS OF COLD PLANING AND PAVING

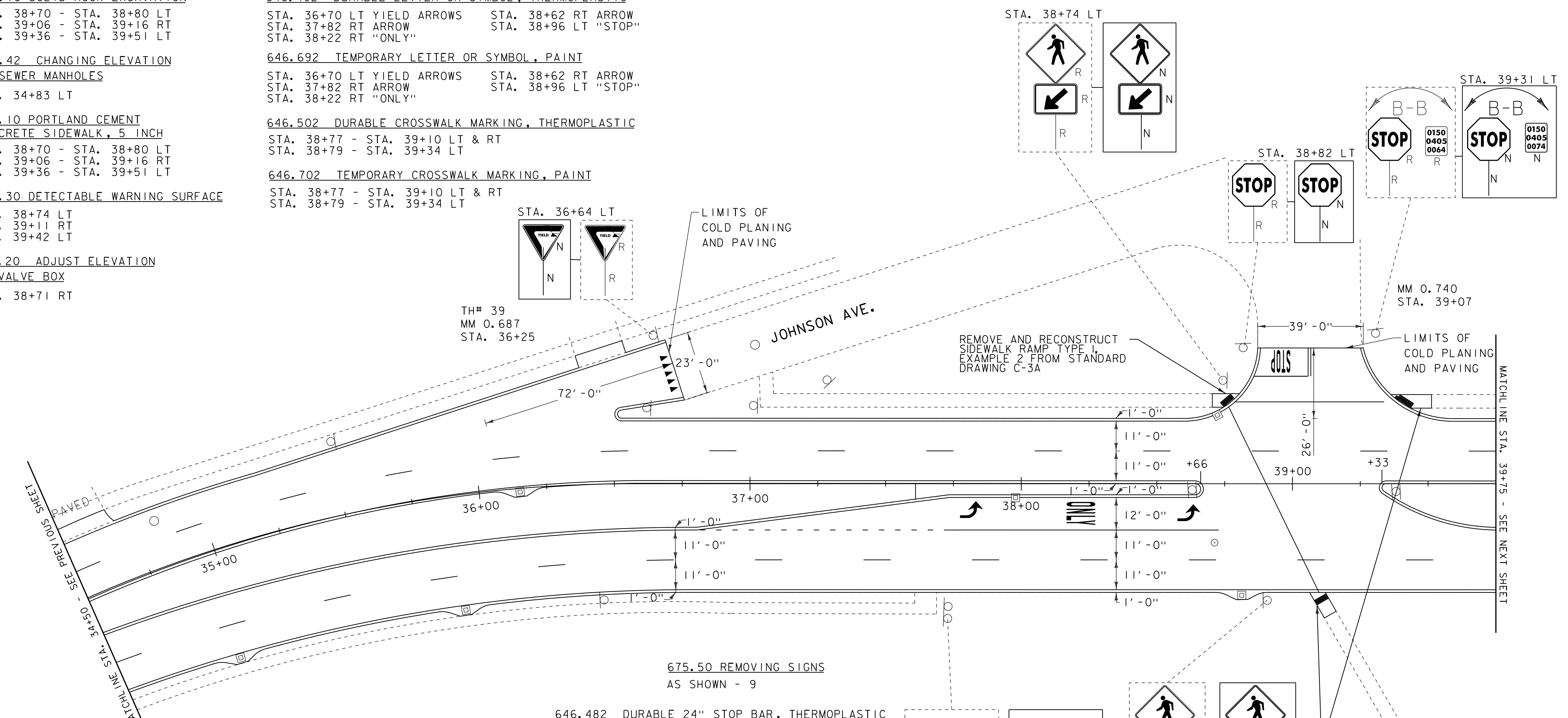
TH# 39  
 MM 0.687  
 STA. 36+25

JOHNSON AVE.

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE I, EXAMPLE 2 FROM STANDARD DRAWING C-3A

MM 0.740  
 STA. 39+07

LIMITS OF COLD PLANING AND PAVING



**616.21 VERTICAL GRANITE CURB**  
 STA. 34+50 - STA. 34+70 LT

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 34+50 - STA. 36+61 (SOLID LT)  
 STA. 34+50 - STA. 39+75 (SOLID RT)  
 STA. 34+50 - STA. 39+75 (DASHED LT & RT)  
 STA. 36+50 - STA. 36+76 (SOLID LT)  
 STA. 36+50 - STA. 39+75 (SOLID LT)  
 WITH EDGELINE BREAK AT JOHNSON AVE.)  
 STA. 36+80 - STA. 37+73 (DOTTED RT)  
 STA. 37+73 - STA. 38+73 (SOLID RT)

**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 34+50 - STA. 36+61 (SOLID LT)  
 STA. 34+50 - STA. 39+75 (SOLID RT)  
 STA. 34+50 - STA. 39+75 (DASHED LT & RT)  
 STA. 36+50 - STA. 36+76 (SOLID LT)  
 STA. 36+50 - STA. 39+75 (SOLID LT)  
 WITH EDGELINE BREAK AT JOHNSON AVE.)  
 STA. 36+80 - STA. 37+73 (DOTTED RT)  
 STA. 37+73 - STA. 38+73 (SOLID RT)

**604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III**

STA. 34+97 RT "TYPE D GRATE"  
 STA. 35+89 RT "TYPE D GRATE"  
 STA. 36+15 RT "TYPE D GRATE"  
 STA. 37+98 RT "TYPE D GRATE"  
 STA. 38+72 LT "TYPE D GRATE"  
 STA. 38+81 RT "TYPE D GRATE"

**646.482 DURABLE 24" STOP BAR, THERMOPLASTIC**

STA. 38+86 - STA. 39+06 LT

**646.682 TEMPORARY 24" STOP BAR, PAINT**

STA. 38+86 - STA. 39+06 LT

**646.81 PAINTED CURB**

STA. 36+50 - STA. 37+10 RT  
 STA. 37+43 - STA. 38+03 RT  
 STA. 38+36 - STA. 38+66 RT  
 (BOTH EDGES OF MEDIAN)  
 STA. 39+33 - STA. 39+63 RT  
 (BOTH EDGES OF MEDIAN)

**646.82 PAINTED ISLAND**

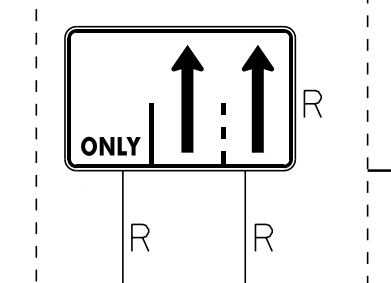
STA. 38+37 - STA. 38+67 RT

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**

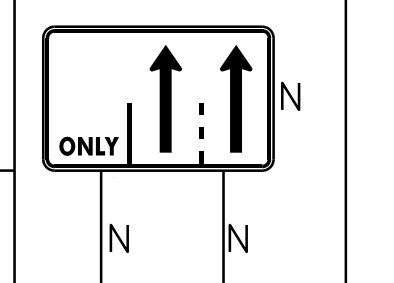
STA. 34+50 - STA. 38+67 (SOLID LT & RT BOTH EDGES OF MEDIAN)  
 STA. 39+06 LT (CENTERLINE JOHNSON AVE.)  
 STA. 39+32 - STA. 39+75 (SOLID RT BOTH EDGES OF MEDIAN)

**646.612 TEMPORARY 4" YELLOW LINE, PAINT**

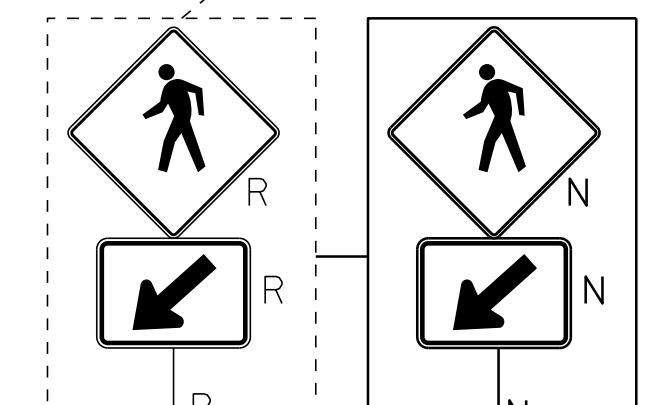
STA. 34+50 - STA. 38+67 (SOLID LT & RT BOTH EDGES OF MEDIAN)  
 STA. 39+06 LT (CENTERLINE JOHNSON AVE.)  
 STA. 39+32 - STA. 39+75 (SOLID RT BOTH EDGES OF MEDIAN)



STA. 37+73 RT



STA. 38+91 RT



STA. 38+91 RT

**LEGEND**

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

**SIGN LEGEND**

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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**PROJECT LAYOUT SHEET 7**

PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(I)S

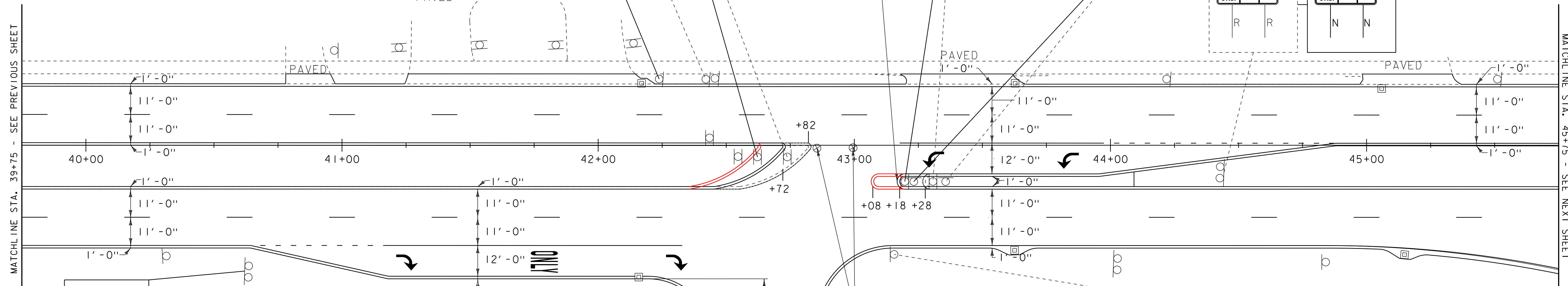
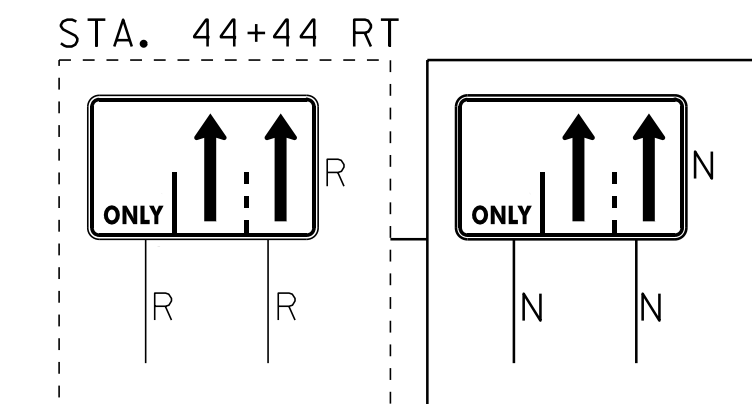
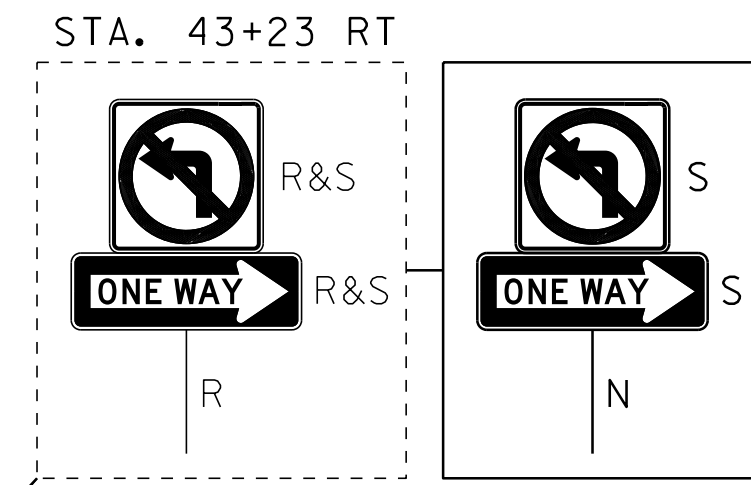
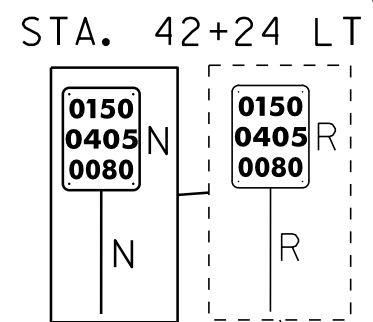
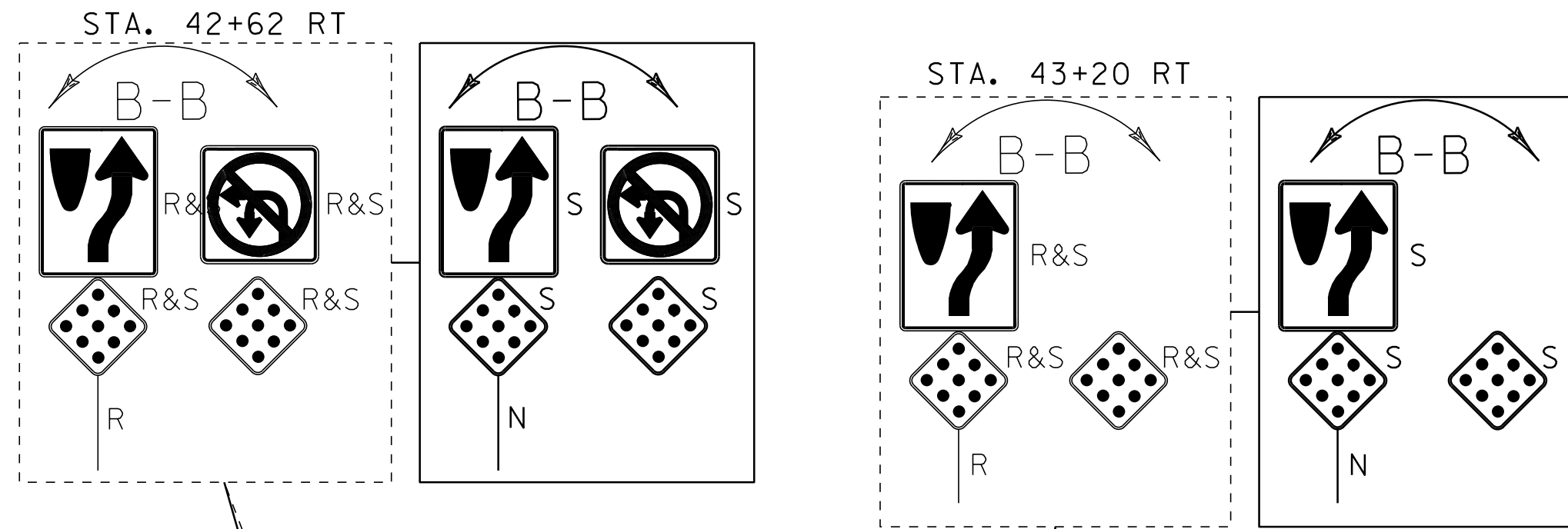
FILE NAME: p06b062.dgn  
 PROJECT LEADER: EPD  
 DESIGNED BY: CDL  
 PLOT FILE: p06b062pl07.i

PLOT DATE: 30-OCT-2012 12:00  
 DRAWN BY: SJL  
 CHECKED BY: EPD  
 SHEET 15 OF \$SH\$

NOT TO SCALE

604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III

STA. 42+16 RT "TYPE D GRATE"  
STA. 42+17 LT "TYPE D GRATE"  
STA. 43+63 RT&LT "TYPE D GRATE"  
STA. 45+06 LT "TYPE D GRATE"  
STA. 45+15 RT "TYPE D GRATE"



EXTEND EXISTING RAISED ISLAND 10 FEET

REMOVE EXISTING BOLLARDS. PAYMENT CONSIDERED INCIDENTAL TO ITEM 210.10, "COLD PLANING BITUMINOUS PAVEMENT".

ENTRANCE TO FANNY ALLEN HOSPITAL

- 646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
- STA. 39+75 - STA. 42+45 (SOLID RT)
  - STA. 39+75 - STA. 45+75 (SOLID LT)
  - STA. 39+75 - STA. 45+75 (DASHED LT & RT)
  - STA. 40+64 - STA. 41+18 (DOTTED RT)
  - STA. 41+18 - STA. 42+33 (SOLID RT)
  - STA. 42+86 - STA. 45+75 (SOLID RT)
  - STA. 43+18 - STA. 43+95 (SOLID LT)
  - STA. 43+95 - STA. 44+88 (DOTTED LT)
- 646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
- STA. 39+75 - STA. 42+73 (SOLID RT BOTH EDGES OF MEDIAN)
  - STA. 43+18 - STA. 45+75 (SOLID RT BOTH EDGES OF MEDIAN)
- 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
- STA. 41+26 RT ARROW
  - STA. 41+79 RT "ONLY"
  - STA. 42+31 RT ARROW
  - STA. 43+31 RT ARROW
  - STA. 43+83 LT ARROW

- 646.602 TEMPORARY 4" WHITE LINE, PAINT
- STA. 39+75 - STA. 42+45 (SOLID RT)
  - STA. 39+75 - STA. 45+75 (SOLID LT)
  - STA. 39+75 - STA. 45+75 (DASHED LT & RT)
  - STA. 40+64 - STA. 41+18 (DOTTED RT)
  - STA. 41+18 - STA. 42+33 (SOLID RT)
  - STA. 42+86 - STA. 45+75 (SOLID RT)
  - STA. 43+18 - STA. 43+95 (SOLID LT)
  - STA. 43+95 - STA. 44+88 (DOTTED LT)
- 646.612 TEMPORARY 4" YELLOW LINE, PAINT
- STA. 39+75 - STA. 42+73 (SOLID RT BOTH EDGES OF MEDIAN)
  - STA. 43+18 - STA. 45+75 (SOLID RT BOTH EDGES OF MEDIAN)

- 646.81 PAINTED CURB
- STA. 40+34 - STA. 41+48 RT
  - STA. 42+42 - STA. 42+72 RT (BOTH EDGES OF MEDIAN)
  - STA. 43+18 - STA. 43+48 RT (BOTH EDGES OF MEDIAN)
  - STA. 43+65 - STA. 44+25 RT
  - STA. 44+58 - STA. 45+18 RT

- 646.82 PAINTED ISLAND
- STA. 43+18 - STA. 43+52 RT
- 675.50 REMOVING SIGNS AS SHOWN - 16
- 675.60 ERECTING SALVAGED SIGNS AS SHOWN - 9

- 616.20 GRANITE SLOPE EDGING
- STA. 43+18 - STA. 43+28 RT (BOTH EDGES OF MEDIAN)
- 616.21 VERTICAL GRANITE CURB
- STA. 43+12 - STA. 43+20 LT (8 LF)

- 616.40 REMOVING AND RESETTING CURB
- STA. 42+45 - STA. 42+72 RT (32.5 LF)
  - STA. 43+18 - STA. 43+20 RT (6 LF)
  - STA. 42+40 - STA. 42+67 RT (32.5 LF)
- 616.41 REMOVAL OF EXISTING CURB
- STA. 42+40 - STA. 42+55 RT
  - STA. 42+67 - STA. 42+82 RT
  - STA. 43+12 - STA. 43+20 LT (8 LF)

LEGEND

- HYDRANT
  - MANHOLE
  - WATER VALVE
  - GAS PIPELINE MARKER
  - CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊠ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL
- SIGN LEGEND
- R = REMOVE
  - R&S = REMOVE AND SALVAGE
  - RET = RETAIN
  - S = SALVAGE
  - N = NEW
  - B-B = BACK TO BACK

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

PROJECT LAYOUT SHEET 8

PROJECT NAME:	COLCHESTER-ESSEX
PROJECT NUMBER:	STP 2616(I)S
FILE NAME:	p06b062.dgn
PROJECT LEADER:	EPD
DESIGNED BY:	CDL
PLOT FILE:	p06b062pl08.i
PLOT DATE:	30-OCT-2012 12:0
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	16 OF \$SH\$

NOT TO SCALE

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 45+75 - STA. 49+01 (SOLID RT EDGELINE OF JUGHANDLE)  
 STA. 45+75 - STA. 51+50 (SOLID LT WITH EDGELINE BREAK AT ENTRANCE TO CAMP JOHNSON)  
 STA. 45+75 - STA. 51+50 (DASHED LT & RT WITH CENTERLINE BREAKS AT ENTRANCE TO CAMP JOHNSON)  
 STA. 46+51 - STA. 48+69 (SOLID RT)  
 STA. 49+01 - STA. 51+50 (SOLID RT)  
 STA. 49+05 LT (EDGELINES ENTRANCE TO CAMP JOHNSON)

**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 45+75 - STA. 49+01 (SOLID RT EDGELINE OF JUGHANDLE)  
 STA. 45+75 - STA. 51+50 (SOLID LT WITH EDGELINE BREAK AT ENTRANCE TO CAMP JOHNSON)  
 STA. 45+75 - STA. 51+50 (DASHED LT & RT WITH CENTERLINE BREAKS AT ENTRANCE TO CAMP JOHNSON)  
 STA. 46+51 - STA. 48+69 (SOLID RT)  
 STA. 49+01 - STA. 51+50 (SOLID RT)  
 STA. 49+05 LT (EDGELINES ENTRANCE TO CAMP JOHNSON)

**604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III**

STA. 46+34 RT "TYPE D GRATE"  
 STA. 46+63 LT "TYPE D GRATE"  
 STA. 46+64 RT "TYPE D GRATE"  
 STA. 48+14 LT "TYPE D GRATE"  
 STA. 48+18 RT "TYPE D GRATE"  
 STA. 49+62 RT "TYPE D GRATE"  
 STA. 49+83 LT "TYPE D GRATE"

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**

STA. 45+75 - STA. 48+52 (SOLID RT BOTH EDGES OF MEDIAN)  
 STA. 46+58 - STA. 48+69 (SOLID RT)  
 STA. 49+10 LT (CENTERLINE ENTRANCE TO CAMP JOHNSON)  
 STA. 49+30 - STA. 51+50 (SOLID RT BOTH EDGES OF MEDIAN)

**646.612 TEMPORARY 4" YELLOW LINE, PAINT**

STA. 45+75 - STA. 48+52 (SOLID RT BOTH EDGES OF MEDIAN)  
 STA. 46+58 - STA. 48+69 (SOLID RT)  
 STA. 49+10 LT (CENTERLINE ENTRANCE TO CAMP JOHNSON)  
 STA. 49+30 - STA. 51+50 (SOLID RT BOTH EDGES OF MEDIAN)

**646.442 DURABLE 8" WHITE LINE, THERMOPLASTIC**

STA. 46+01 - STA. 46+51 (SOLID RT)  
 STA. 46+07 - STA. 46+47 (SOLID RT)  
 STA. 46+07 - STA. 46+51 (HATCHED RT)

**646.642 TEMPORARY 8" WHITE LINE, PAINT**

STA. 46+01 - STA. 46+51 (SOLID RT)  
 STA. 46+07 - STA. 46+47 (SOLID RT)  
 STA. 46+07 - STA. 46+51 (HATCHED RT)

**646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC**

STA. 48+63 - 49+51 LT

**646.702 TEMPORARY CROSSWALK MARKING, PAINT**

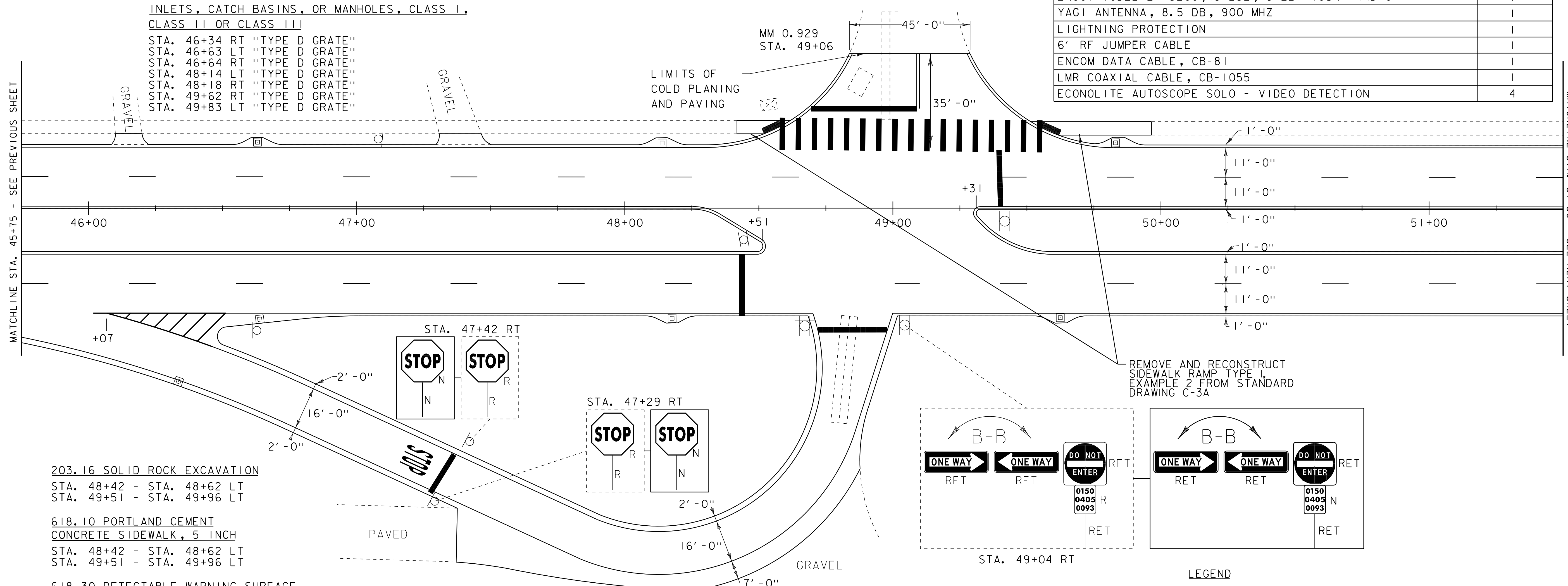
STA. 48+63 - 49+51 LT

**646.81 PAINTED CURB**

STA. 48+21 - STA. 48+51 RT (BOTH EDGES OF MEDIAN)  
 STA. 49+31 - STA. 49+61 RT (BOTH EDGES OF MEDIAN)

**VIDEO VEHICLE DETECTION SYSTEM EQUIPMENT LIST**

LIST OF MAJOR EQUIPMENT	
ITEM #	QUANTITY
900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 15 @ CAMP JOHNSON)	
ENCOM MODEL EP-5200,RS-232, SHELF MOUNT RADIO	1
YAGI ANTENNA, 8.5 DB, 900 MHZ	1
LIGHTNING PROTECTION	1
6' RF JUMPER CABLE	1
ENCOM DATA CABLE, CB-81	1
LMR COAXIAL CABLE, CB-1055	1
ECONOLITE AUTOSCOPE SOLO - VIDEO DETECTION	4



MATCHLINE STA. 45+75 - SEE PREVIOUS SHEET

MATCHLINE STA. 51+50 - SEE NEXT SHEET

**203.16 SOLID ROCK EXCAVATION**

STA. 48+42 - STA. 48+62 LT  
 STA. 49+51 - STA. 49+96 LT

**618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

STA. 48+42 - STA. 48+62 LT  
 STA. 49+51 - STA. 49+96 LT

**618.30 DETECTABLE WARNING SURFACE**

STA. 48+55 LT  
 STA. 49+58 LT

**646.482 DURABLE 24" STOP BAR, THERMOPLASTIC**

STA. 47+27 RT - STA. 47+37 RT  
 STA. 48+44 RT  
 STA. 48+69 LT - STA. 49+09 LT  
 STA. 48+71 RT - 48+98 RT  
 STA. 49+40 LT & RT

**646.682 TEMPORARY 24" STOP BAR, PAINT**

STA. 47+27 RT - STA. 47+37 RT  
 STA. 48+44 RT  
 STA. 48+69 LT - STA. 49+09 LT  
 STA. 48+71 RT - 48+98 RT  
 STA. 49+40 LT & RT

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 47+22 RT "STOP"

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 47+22 RT "STOP"

**675.50 REMOVING SIGNS**

AS SHOWN - 3

**VIDEO DETECTION SYSTEM NOTES:**

- 1) VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- 2) VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- 3) THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO DETECTION CABLE AND EQUIPMENT.

ENTRANCE TO CAMP JOHNSON

NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

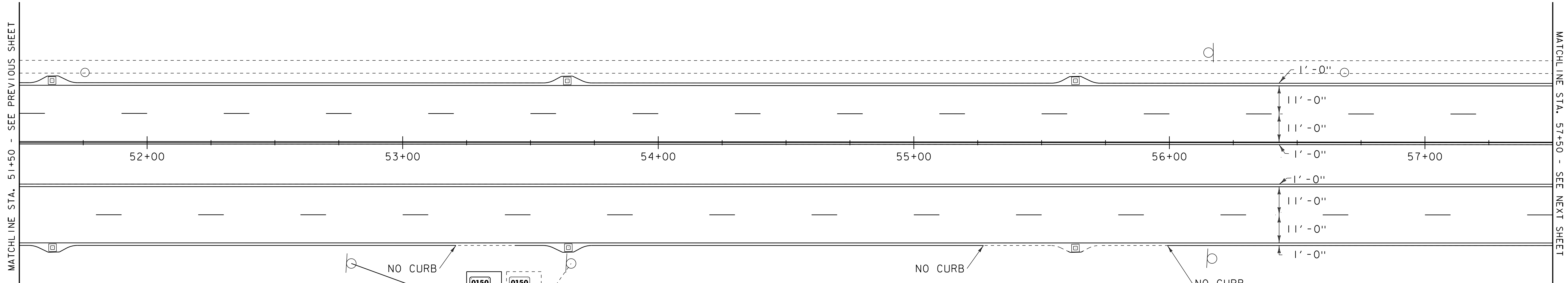
**LEGEND**

	HYDRANT		MANHOLE
	WATER VALVE		GAS PIPELINE MARKER
	CATCH BASIN / DROP INLET		CURB INLET
	TRAFFIC CONTROL BOX		RAILROAD CROSSING SIGNAL

**SIGN LEGEND**

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

<b>PROJECT LAYOUT SHEET 9</b>	PROJECT NAME: COLCHESTER-ESSEX
	PROJECT NUMBER: STP 2616(I)
	FILE NAME: p06b062.dgn
	PLOT FILE: p06b062pl09.i
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT DATE: 30-OCT-2012 12:00	
SHEET 17 OF 45	



646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA. 51+50 - STA. 57+50 (SOLID LT & RT)  
 STA. 51+50 - STA. 57+50 (DASHED LT & RT)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA. 51+50 - STA. 57+50 (BOTH EDGES OF MEDIAN)

646.602 TEMPORARY 4" WHITE LINE, PAINT  
 STA. 51+50 - STA. 57+50 (SOLID LT & RT)  
 STA. 51+50 - STA. 57+50 (DASHED LT & RT)

646.612 TEMPORARY 4" YELLOW LINE, PAINT  
 STA. 51+50 - STA. 57+50 (BOTH EDGES OF MEDIAN)

604.412, 604.415, 604.418 REHAB, DROP  
 INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
 CLASS II OR CLASS III  
 STA. 51+63 RT & LT "TYPE D GRATE"  
 STA. 53+64 LT "TYPE D GRATE"  
 STA. 53+65 RT "TYPE D GRATE"  
 STA. 55+63 RT & LT "TYPE D GRATE"

675.50 REMOVING SIGNS  
 AS SHOWN - I

- LEGEND**
- ⊕ HYDRANT
  - MANHOLE
  - ⊙ WATER VALVE
  - ⊙ GAS PIPELINE MARKER
  - ⊠ CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊠ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL
- SIGN LEGEND**
- R = REMOVE
  - R&S = REMOVE AND SALVAGE
  - RET = RETAIN
  - S = SALVAGE
  - N = NEW
  - B-B = BACK TO BACK

DATUM  
 VERTICAL N/A  
 HORIZONTAL N/A

NOT TO SCALE

<b>PROJECT LAYOUT SHEET 10</b>	PROJECT NAME: COLCHESTER-ESSEX
	PROJECT NUMBER: STP 2616(I)
	FILE NAME: p06b062.dgn
	PLOT DATE: 30-OCT-2012 12:00
	PROJECT LEADER: EPD
	DESIGNED BY: CDL
	PLOT FILE: p06b062p110.i
	CHECKED BY: EPD
	SHEET 18 OF 45

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 57+50 - STA. 63+50 (SOLID LT & RT)  
 STA. 57+50 - STA. 63+50 (DASHED LT & RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 57+50 - STA. 63+50 (SOLID LT & RT)  
 STA. 57+50 - STA. 63+50 (DASHED LT & RT)

646.81 PAINTED CURB

STA. 61+34 - STA. 61+94 LT  
 STA. 62+33 - STA. 62+93 LT  
 STA. 63+35 - STA. 63+50 RT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 57+50 - STA. 63+50 (SOLID RT,  
 BOTH EDGES OF MEDIAN)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

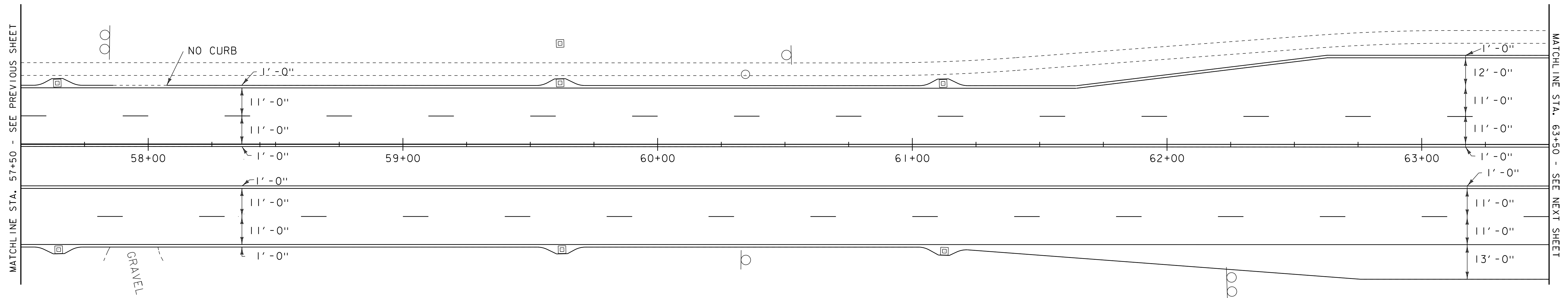
STA. 57+50 - STA. 63+50 (SOLID RT,  
 BOTH EDGES OF MEDIAN)

604.412, 604.415, 604.418 REHAB, DROP  
 INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
 CLASS II OR CLASS III

STA. 57+64 LT "TYPE D GRATE"  
 STA. 57+65 RT "TYPE D GRATE"  
 STA. 59+62 RT & LT "TYPE D GRATE"  
 STA. 61+12 LT "TYPE D GRATE"  
 STA. 61+13 RT "TYPE D GRATE"

616.40 REMOVING AND RESETTING CURB

STA. 61+12 - STA. 63+50 LT



MATCHLINE STA. 57+50 - SEE PREVIOUS SHEET

MATCHLINE STA. 63+50 - SEE NEXT SHEET

**LEGEND**

- ⊙ HYDRANT
- MANHOLE
- ⊙ WATER VALVE
- ⊙ GAS PIPELINE MARKER
- ⊙ CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

**SIGN LEGEND**

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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

<b>PROJECT LAYOUT SHEET 11</b>	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:00
	PROJECT NUMBER: STP 2616(I)	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	DESIGNED BY: CDL	SHEET 19 OF 45
	PLOT FILE: p06b062p11.i	

**646.442 DURABLE 8" WHITE LINE, THERMOPLASTIC**

STA. 65+18 - STA. 66+15 (SOLID LT)  
 STA. 65+68 - STA. 66+10 (SOLID LT)  
 STA. 68+05 - STA. 68+58 (SOLID LT)  
 STA. 68+06 - STA. 68+44 (SOLID LT)

**646.642 TEMPORARY 8" WHITE LINE, PAINT**

STA. 65+18 - STA. 66+15 (SOLID LT)  
 STA. 65+68 - STA. 66+10 (SOLID LT)  
 STA. 68+05 - STA. 68+58 (SOLID LT)  
 STA. 68+06 - STA. 68+44 (SOLID LT)

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 64+70 RT "ONLY"	STA. 67+75 RT ARROW
STA. 65+27 RT ARROW	STA. 68+43 RT "ONLY"
STA. 65+84 RT "ONLY"	STA. 68+61 LT ARROW
STA. 66+13 LT YIELD MARKERS	STA. 69+01 LT "ONLY"
STA. 66+41 RT ARROW	STA. 69+11 RT ARROW

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 64+70 RT "ONLY"	STA. 67+75 RT ARROW
STA. 65+27 RT ARROW	STA. 68+43 RT "ONLY"
STA. 65+84 RT "ONLY"	STA. 68+61 LT ARROW
STA. 66+13 LT YIELD MARKERS	STA. 69+01 LT "ONLY"
STA. 66+41 RT ARROW	STA. 69+11 RT ARROW

**646.81 PAINTED CURB**

STA. 63+50 - STA. 63+95 RT  
 STA. 64+25 - STA. 64+85 RT  
 STA. 66+22 - STA. 66+52 RT  
 (BOTH EDGES OF MEDIAN)  
 STA. 67+63 - STA. 67+93 RT  
 (BOTH EDGES OF MEDIAN)  
 STA. 69+21 - STA. 69+25 LT

**646.82 PAINTED ISLAND**

STA. 66+28 - STA. 66+53 RT  
 STA. 67+62 - STA. 67+87 RT

**621.20 STEEL BEAM GUARDRAIL, GALVANIZED**

STA. 65+18.50 RT - STA. 66+88.00 RT (177 LF)

**621.60 ANCHOR FOR STEEL BEAM RAIL**

STA. 65+18.50 RT

**621.80 REMOVAL AND DISPOSAL OF GUARDRAIL**

STA. 65+18.50 RT - STA. 66+88.00 RT (175 LF)

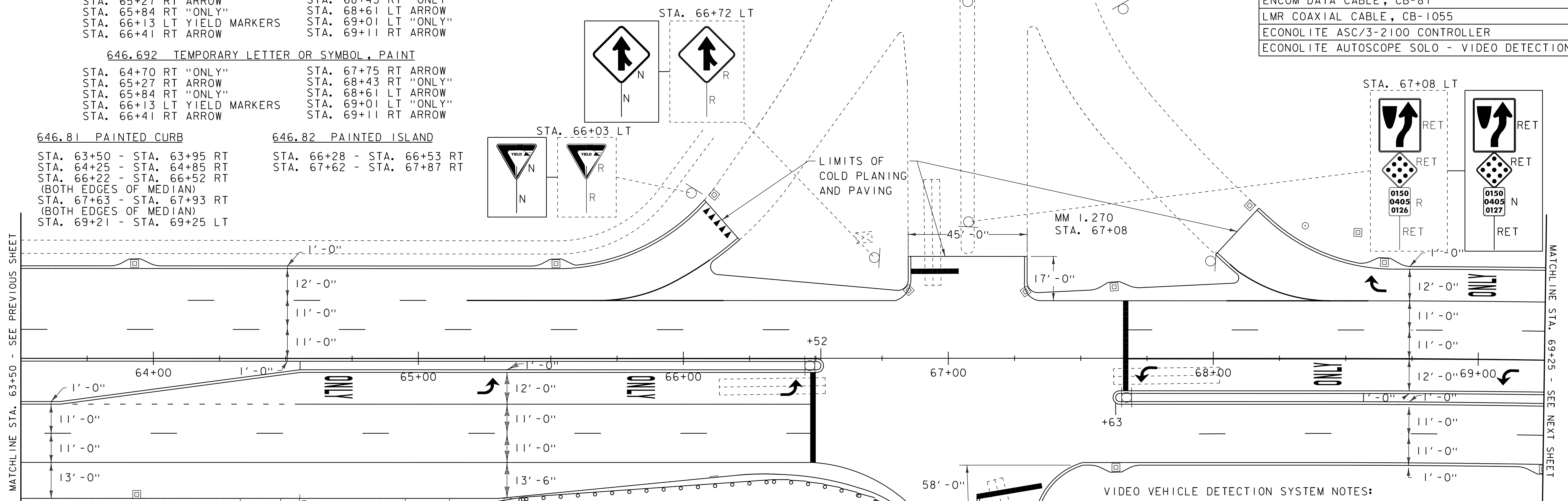
**676.10 DELINEATOR WITH STEEL POST**

STA. 65+18.50 RT

ENTRANCE TO  
 FORT ETHAN  
 ALLEN - BARNES  
 AVENUE

**VIDEO VEHICLE DETECTION SYSTEM EQUIPMENT LIST**

LIST OF MAJOR EQUIPMENT		QUANTITY
ITEM # 900.620, SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 15 @ ETHAN ALLEN AVE.)		
ENCOM MODEL EP-5200,RS-232, SHELF MOUNT RADIO		1
YAGI ANTENNA, 8.5 DB, 900 MHZ		1
LIGHTNING PROTECTION		1
6' RF JUMPER CABLE		1
ENCOM DATA CABLE, CB-81		1
LMR COAXIAL CABLE, CB-1055		1
ECONOLITE ASC/3-2100 CONTROLLER		1
ECONOLITE AUTOSCOPE SOLO - VIDEO DETECTION		4



**675.50 REMOVING SIGNS**  
 AS SHOWN - 5

**616.40 REMOVING AND RESETTING CURB**

STA. 63+50 - STA. 63+93 LT

**646.482 DURABLE 24" STOP BAR, THERMOPLASTIC**

STA. 66+49 RT  
 STA. 66+86 - 67+04 LT  
 STA. 67+11 - STA. 67+35 RT  
 STA. 67+67 LT & RT

**646.682 TEMPORARY 24" STOP BAR, PAINT**

STA. 66+49 RT  
 STA. 66+86 - 67+04 LT  
 STA. 67+11 - STA. 67+35 RT  
 STA. 67+67 LT & RT

**604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III**

STA. 63+93 LT "TYPE D GRATE"  
 STA. 63+94 RT "TYPE D GRATE"  
 STA. 65+52 LT "TYPE D GRATE"  
 STA. 66+12 LT "TYPE D GRATE"  
 STA. 66+85 LT "TYPE D GRATE"  
 STA. 67+29 LT "TYPE D GRATE"  
 STA. 67+63 RT&LT "TYPE D GRATE"  
 STA. 68+64 LT "TYPE D GRATE"

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 63+50 - STA. 66+09 (SOLID LT)  
 STA. 63+50 - STA. 67+02 (SOLID RT)  
 STA. 63+50 - STA. 66+49 (DASHED LT & RT)  
 STA. 63+65 - STA. 64+55 (DOTTED RT)  
 STA. 64+13 - STA. 65+18 (DASHED LT)  
 STA. 64+55 - STA. 66+49 (SOLID RT)  
 STA. 66+15 - STA. 66+86 (SOLID LT)  
 STA. 67+29 - STA. 68+05 (SOLID LT)  
 STA. 67+32 - STA. 69+25 (SOLID RT)  
 STA. 67+67 - STA. 69+25 (DASHED LT & RT)  
 STA. 67+67 - STA. 69+25 (SOLID RT)  
 STA. 68+13 - STA. 69+25 (SOLID LT)  
 STA. 68+58 - STA. 69+25 (SOLID LT)

**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 63+50 - STA. 66+09 (SOLID LT)  
 STA. 63+50 - STA. 67+02 (SOLID RT)  
 STA. 63+50 - STA. 66+49 (DASHED LT & RT)  
 STA. 63+65 - STA. 64+55 (DOTTED RT)  
 STA. 64+13 - STA. 65+18 (DASHED LT)  
 STA. 64+55 - STA. 66+49 (SOLID RT)  
 STA. 66+15 - STA. 66+86 (SOLID LT)  
 STA. 67+29 - STA. 68+05 (SOLID LT)  
 STA. 67+32 - STA. 69+25 (SOLID RT)  
 STA. 67+67 - STA. 69+25 (DASHED LT & RT)  
 STA. 67+67 - STA. 69+25 (SOLID RT)  
 STA. 68+13 - STA. 69+25 (SOLID LT)  
 STA. 68+58 - STA. 69+25 (SOLID LT)

**616.20 GRANITE SLOPE EDGING**

STA. 66+50 - STA. 66+53 (BOTH EDGES OF MEDIAN)

MM 1.271  
 STA. 67+11

LIMITS OF  
 COLD PLANING  
 AND PAVING

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**

STA. 63+50 - STA. 66+53 (SOLID RT BOTH EDGES OF MEDIAN)  
 STA. 66+10 - STA. 66+34 (SOLID LT)  
 STA. 67+62 - STA. 69+25 (SOLID RT BOTH EDGES OF MEDIAN)  
 STA. 67+12 RT (CENTERLINE WOODSIDE DRIVE)  
 STA. 67+81 - STA. 68+06 (SOLID LT)

**646.612 TEMPORARY 4" YELLOW LINE, PAINT**

STA. 63+50 - STA. 66+53 (SOLID RT BOTH EDGES OF MEDIAN)  
 STA. 66+10 - STA. 66+34 (SOLID LT)  
 STA. 67+62 - STA. 69+25 (SOLID RT BOTH EDGES OF MEDIAN)  
 STA. 67+12 RT (CENTERLINE WOODSIDE DRIVE)  
 STA. 67+81 - STA. 68+06 (SOLID LT)

**VIDEO VEHICLE DETECTION SYSTEM NOTES:**

- 1) NEW ECONOLITE ASC/3-2100 CONTROLLER TO REPLACE EXISTING MODEL 8000 CONTROLLER.
- 2) VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- 3) VIDEO VEHICLE DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- 4) THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.

**LEGEND**

○	HYDRANT	
○	MANHOLE	
○	WATER VALVE	
○	GAS PIPELINE MARKER	
□	CATCH BASIN / DROP INLET	
—	CURB INLET	
⊠	TRAFFIC CONTROL BOX	
⊕	RAILROAD CROSSING SIGNAL	
		<b>SIGN LEGEND</b>
		R = REMOVE
		R&S = REMOVE AND SALVAGE
		RET = RETAIN
		S = SALVAGE
		N = NEW
		B-B = BACK TO BACK

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**PROJECT LAYOUT SHEET 12**

PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:0
PROJECT NUMBER: STP 2616(I)	DRAWN BY: SJL
FILE NAME: p06b062.dgn	CHECKED BY: EPD
PROJECT LEADER: EPD	SHEET 20 OF 45
DESIGNED BY: CDL	
PLOT FILE: p06b062pl12.i	

NOT TO SCALE

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 69+41 LT ARROW  
STA. 69+79 RT "ONLY"

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

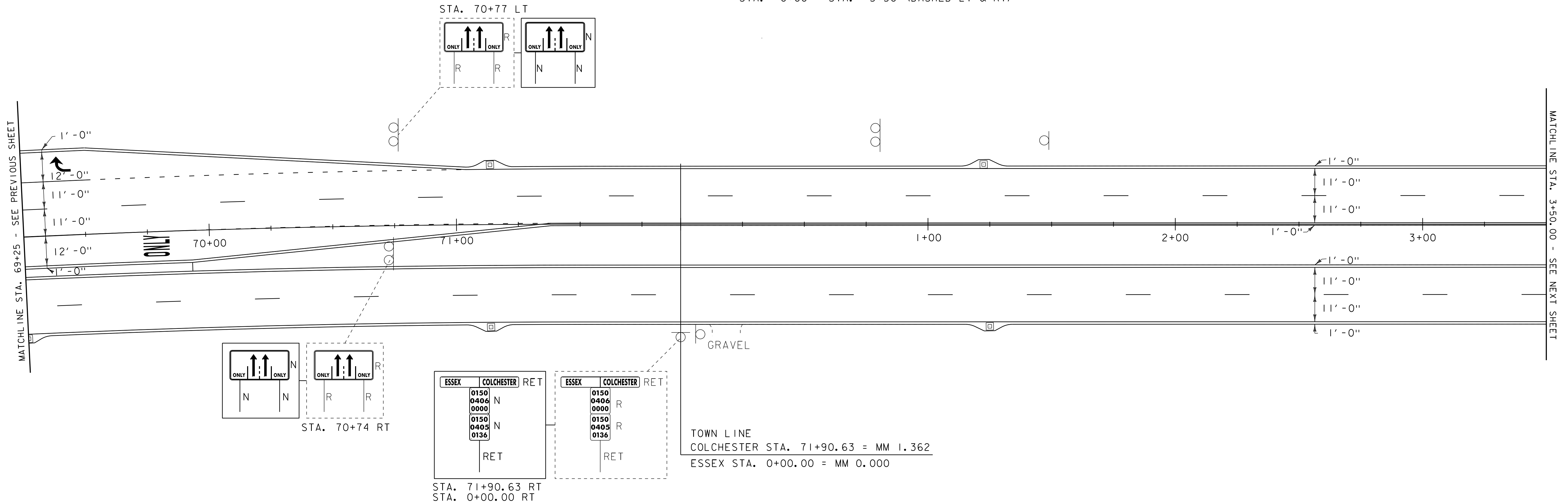
STA. 69+41 LT ARROW  
STA. 69+79 RT "ONLY"

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 69+25 - STA. 71+91 (SOLID LT & RT)  
STA. 69+25 - STA. 71+91 (DASHED LT & RT)  
STA. 69+25 - STA. 69+93 (SOLID RT)  
STA. 69+25 - STA. 69+51 (SOLID LT)  
STA. 69+51 - STA. 71+04 (DOTTED LT)  
STA. 69+93 - STA. 71+38 (DOTTED RT)  
STA. 0+00 - STA. 3+50 (SOLID LT & RT)  
STA. 0+00 - STA. 3+50 (DASHED LT & RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 69+25 - STA. 71+91 (SOLID LT & RT)  
STA. 69+25 - STA. 71+91 (DASHED LT & RT)  
STA. 69+25 - STA. 69+93 (SOLID RT)  
STA. 69+25 - STA. 69+51 (SOLID LT)  
STA. 69+51 - STA. 71+04 (DOTTED LT)  
STA. 69+93 - STA. 71+38 (DOTTED RT)  
STA. 0+00 - STA. 3+50 (SOLID LT & RT)  
STA. 0+00 - STA. 3+50 (DASHED LT & RT)



646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 69+25 - STA. 71+91 (SOLID RT, BOTH EDGES OF MEDIAN)  
STA. 0+00 - STA. 3+50 (SOLID RT, BOTH EDGES OF MEDIAN)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 69+25 - STA. 71+91 (SOLID RT, BOTH EDGES OF MEDIAN)  
STA. 0+00 - STA. 3+50 (SOLID RT, BOTH EDGES OF MEDIAN)

675.50 REMOVING SIGNS  
AS SHOWN - 4

646.81 PAINTED CURB

STA. 69+25 - STA. 69+81 LT  
STA. 69+63 - STA. 70+23 RT  
STA. 71+08 - STA. 71+68 RT

604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III

STA. 69+25 RT "TYPE D GRATE"  
STA. 71+14 RT & LT "TYPE D GRATE"  
STA. 1+23 LT "TYPE D GRATE"  
STA. 1+25 RT "TYPE D GRATE"

LEGEND

- HYDRANT
  - MANHOLE
  - WATER VALVE
  - GAS PIPELINE MARKER
  - CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊠ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL
- SIGN LEGEND**
- R = REMOVE
  - R&S = REMOVE AND SALVAGE
  - RET = RETAIN
  - S = SALVAGE
  - N = NEW
  - B-B = BACK TO BACK

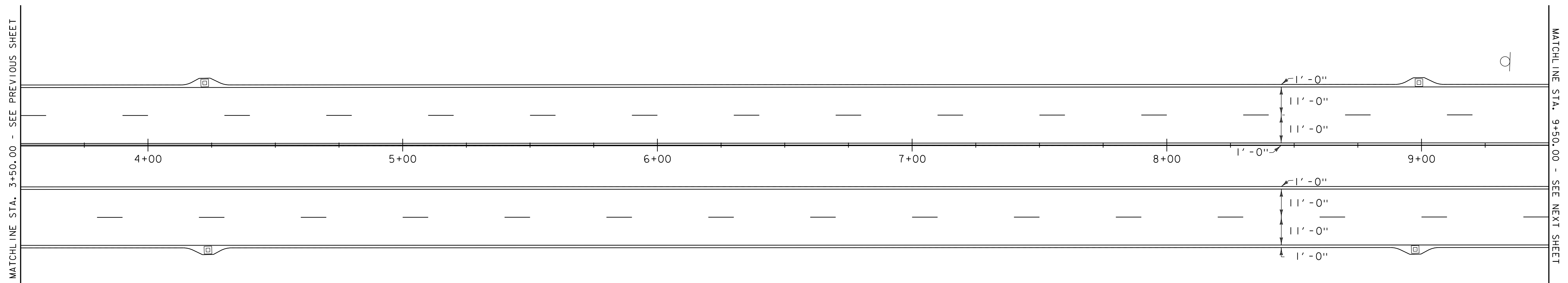
**PROJECT LAYOUT SHEET 13**

PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(I)

FILE NAME: p06b062.dgn	PLOT DATE: 30-OCT-2012 12:0
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: p06b062p113.i	SHEET 21 OF 45

NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
 CLASS II OR CLASS III  
 STA. 4+22 LT "TYPE D GRATE"  
 STA. 4+24 RT "TYPE D GRATE"  
 STA. 8+98 RT "TYPE D GRATE"  
 STA. 8+99 LT "TYPE D GRATE"

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 STA. 3+50 - STA. 9+50 (SOLID LT & RT)  
 STA. 3+50 - STA. 9+50 (DASHED LT & RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT  
 STA. 3+50 - STA. 9+50 (SOLID LT & RT)  
 STA. 3+50 - STA. 9+50 (DASHED LT & RT)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 STA. 3+50 - STA. 9+50 (SOLID RT BOTH EDGES OF MEDIAN)

646.612 TEMPORARY 4" YELLOW LINE, PAINT  
 STA. 3+50 - STA. 9+50 (SOLID RT BOTH EDGES OF MEDIAN)

- | LEGEND |                          | SIGN LEGEND |                      |
|--------|--------------------------|-------------|----------------------|
| ⊕      | HYDRANT                  | R           | = REMOVE             |
| ○      | MANHOLE                  | R&S         | = REMOVE AND SALVAGE |
| ⊙      | WATER VALVE              | RET         | = RETAIN             |
| ⊙      | GAS PIPELINE MARKER      | S           | = SALVAGE            |
| ⊠      | CATCH BASIN / DROP INLET | N           | = NEW                |
| ⊠      | CURB INLET               | B-B         | = BACK TO BACK       |
| ⊠      | TRAFFIC CONTROL BOX      |             |                      |
| ⊕      | RAILROAD CROSSING SIGNAL |             |                      |

DATUM  
 VERTICAL       N/A        
 HORIZONTAL       N/A      

NOT TO SCALE

<b>PROJECT LAYOUT SHEET 14</b>	PROJECT NAME: COLCHESTER-ESSEX
	PROJECT NUMBER: STP 2616(I)
	FILE NAME: p06b062.dgn
	PLOT DATE: 30-OCT-2012 12:0
	PROJECT LEADER: EPD
	DESIGNED BY: CDL
	PLOT FILE: p06b062p14.i
	CHECKED BY: EPD
	SHEET 22 OF 45

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 11+53.00 RT - STA. 11+90.50 RT

621.60 ANCHOR FOR STEEL BEAM RAIL

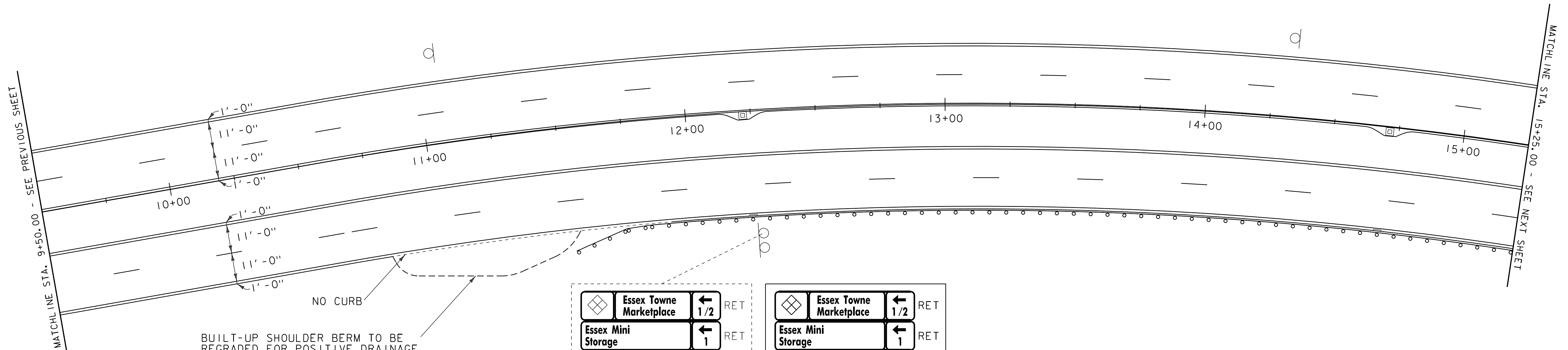
STA. 11+53.00 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

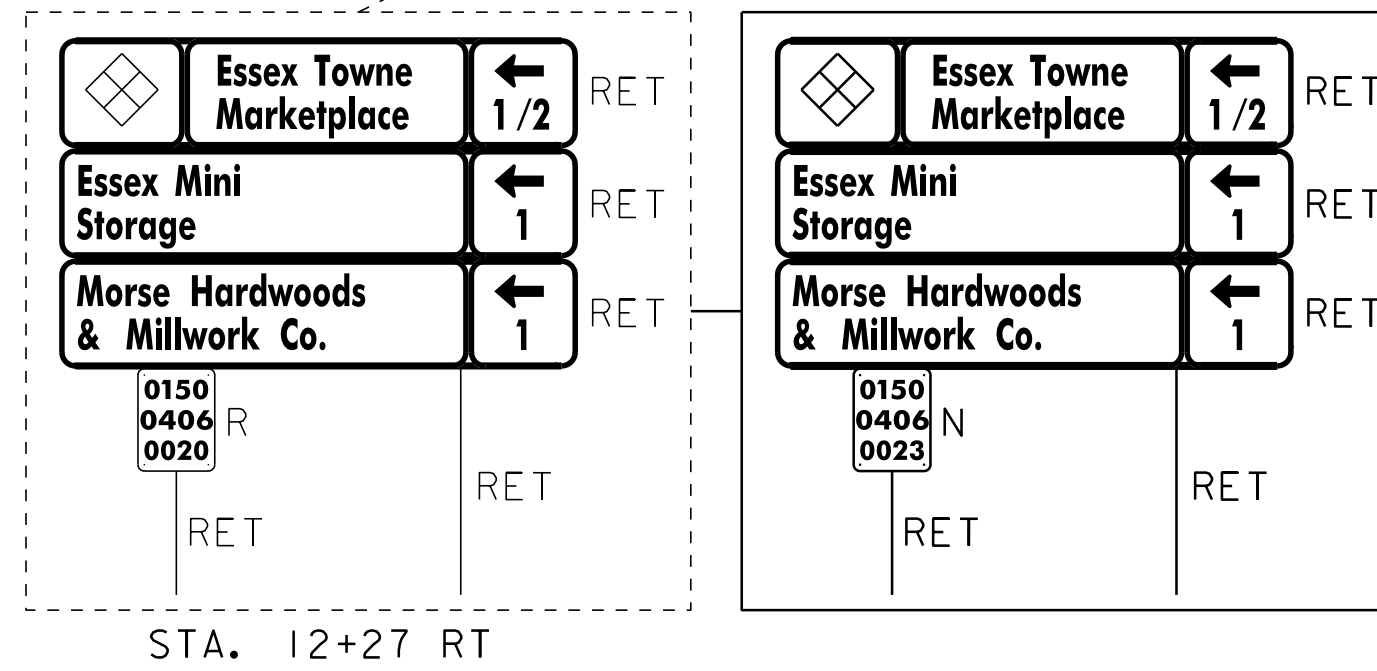
STA. 11+53.00 RT - STA. 11+90.50 RT

676.10 DELINEATOR WITH STEEL POST

STA. 11+53.00 RT



BUILT-UP SHOULDER BERM TO BE REGRADED FOR POSITIVE DRAINAGE. SEE REGRADING DETAIL ON PROJECT TYPICAL SHEET I.



646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 9+50 - STA. 15+25 (SOLID LT & RT)  
STA. 9+50 - STA. 15+25 (DASHED LT & RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 9+50 - STA. 15+25 (SOLID LT & RT)  
STA. 9+50 - STA. 15+25 (DASHED LT & RT)

675.50 REMOVING SIGNS

AS SHOWN - I

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 9+50 - STA. 15+25 (SOLID RT BOTH EDGES OF MEDIAN)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 9+50 - STA. 15+25 (SOLID RT BOTH EDGES OF MEDIAN)

604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III

STA. 12+22 RT "TYPE D GRATE"

STA. 12+24 RT "TYPE D GRATE"

STA. 14+71 RT "TYPE D GRATE"

~~STA. 14+71 RT~~

LEGEND

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

SIGN LEGEND

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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PROJECT LAYOUT SHEET 15

PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(I)S

FILE NAME: p06b062.dgn  
PROJECT LEADER: EPD  
DESIGNED BY: CDL  
PLOT FILE: p06b062p115.i

PLOT DATE: 30-OCT-2012 12:00  
DRAWN BY: SJL  
CHECKED BY: EPD  
SHEET 23 OF \$SH\$

**203.16 SOLID ROCK EXCAVATION**

STA. 19+87 - STA. 19+94 LT  
STA. 20+15 - STA. 20+22 LT  
STA. 20+50 - STA. 20+57 LT  
STA. 20+98 - STA. 21+05 LT

**618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

STA. 19+87 - STA. 19+94 LT  
STA. 20+15 - STA. 20+22 LT  
STA. 20+50 - STA. 20+57 LT  
STA. 20+98 - STA. 21+05 LT

**618.30 DETECTABLE WARNING SURFACE**

STA. 19+91 LT  
STA. 20+18 LT  
STA. 20+52 LT  
STA. 21+03 LT

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 19+38 RT ARROW STA. 20+38 RT ARROW  
STA. 19+88 RT "ONLY" STA. 21+20 RT "SIGNAL"  
STA. 20+18 LT "STOP" STA. 21+20 RT "SIGNAL"

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

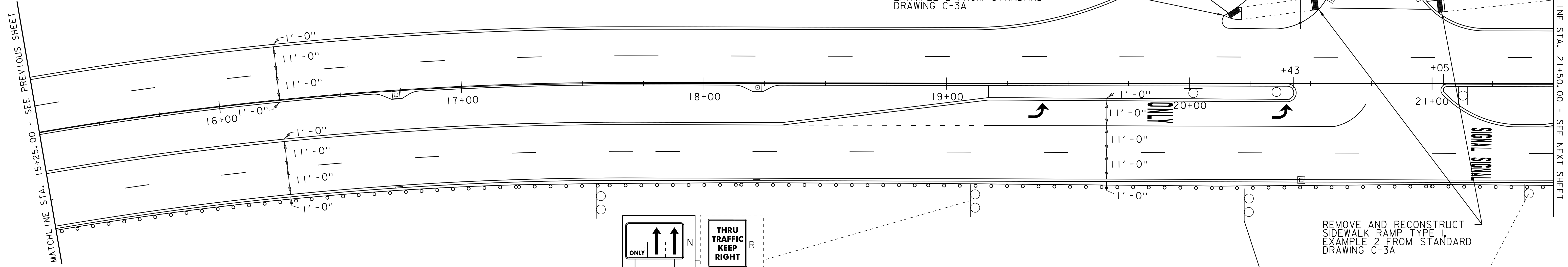
STA. 19+38 RT ARROW STA. 20+38 RT ARROW  
STA. 19+88 RT "ONLY" STA. 21+20 RT "SIGNAL"  
STA. 20+18 LT "STOP" STA. 21+20 RT "SIGNAL"

**646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC**

STA. 19+94 - STA. 20+16 LT  
STA. 20+58 - STA. 20+99 LT

**646.702 TEMPORARY CROSSWALK MARKING, PAINT**

STA. 19+94 - STA. 20+16 LT  
STA. 20+58 - STA. 20+99 LT



**646.482 DURABLE 24" STOP BAR, THERMOPLASTIC**

STA. 20+01 - STA. 20+24 LT

**646.682 TEMPORARY 24" STOP BAR, PAINT**

STA. 20+01 - STA. 20+24 LT

**646.81 PAINTED CURB**

STA. 18+02 - STA. 18+62 RT  
STA. 18+87 - STA. 19+47 RT  
STA. 20+13 - STA. 20+43 RT  
(BOTH EDGES OF MEDIAN)  
STA. 21+05 - STA. 21+35 RT  
(BOTH EDGES OF MEDIAN)  
STA. 21+35 - STA. 21+50 RT

**646.82 PAINTED ISLAND**

STA. 20+19 - STA. 20+44 RT

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 15+25 - STA. 21+50 (SOLID LT & RT)  
(WITH EDGELINE BREAKS AT ETHAN ALLEN DR.)  
STA. 15+25 - STA. 21+50 (DASHED LT & RT)  
STA. 18+32 - STA. 19+17 (DOTTED RT)  
STA. 19+17 - STA. 20+75 (SOLID RT)  
STA. 21+46 - STA. 21+50 (DOTTED RT)

**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 15+25 - STA. 21+50 (SOLID LT & RT)  
(WITH EDGELINE BREAKS AT ETHAN ALLEN DR.)  
STA. 15+25 - STA. 21+50 (DASHED LT & RT)  
STA. 18+32 - STA. 19+17 (DOTTED RT)  
STA. 19+17 - STA. 20+75 (SOLID RT)  
STA. 21+46 - STA. 21+50 (DOTTED RT)

**675.50 REMOVING SIGNS**

AS SHOWN - 4

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**

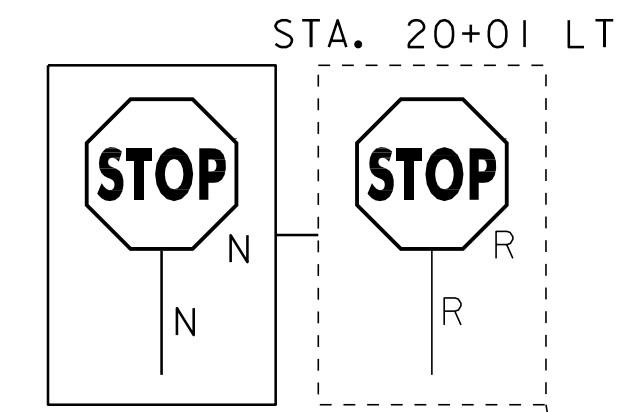
STA. 15+25 - STA. 20+44 (SOLID RT BOTH EDGES OF MEDIAN)  
STA. 20+84 (BOTH EDGES OF MEDIAN, ETHAN ALLEN DR.)  
STA. 21+04 - STA. 21+50 (SOLID RT BOTH EDGES OF MEDIAN)

**646.612 TEMPORARY 4" YELLOW LINE, PAINT**

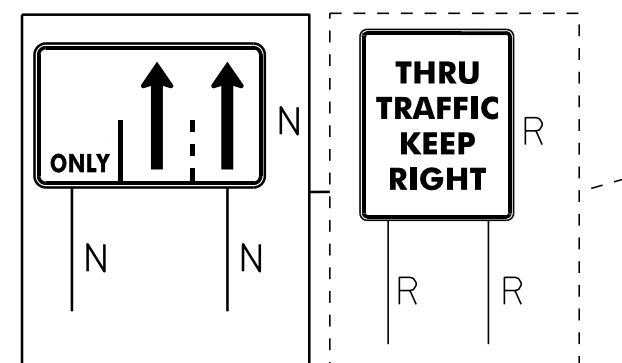
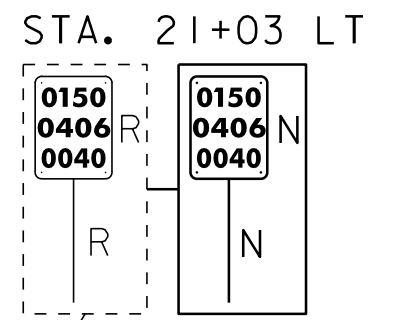
STA. 15+25 - STA. 20+44 (SOLID RT BOTH EDGES OF MEDIAN)  
STA. 20+84 (BOTH EDGES OF MEDIAN, ETHAN ALLEN DR.)  
STA. 21+04 - STA. 21+50 (SOLID RT BOTH EDGES OF MEDIAN)

**604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III**

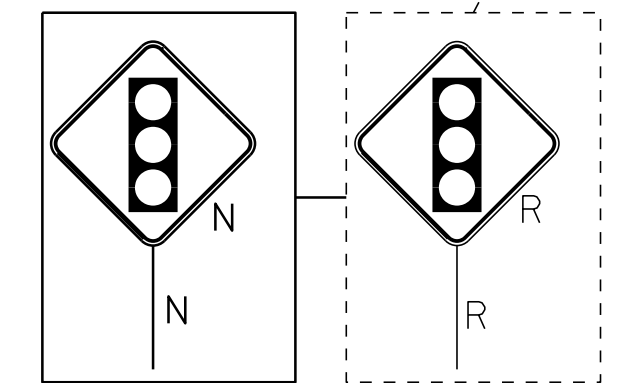
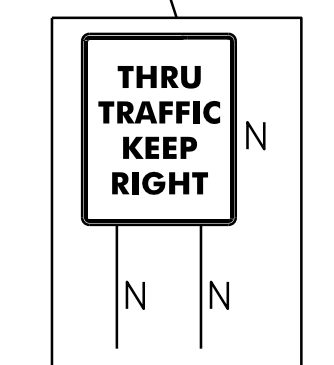
STA. 16+72 RT "TYPE D GRATE" (CLASS III)  
STA. 16+73 RT "TYPE D GRATE"  
STA. 18+22 RT "TYPE D GRATE"  
STA. 18+22 RT "TYPE D GRATE"  
STA. 19+80 LT "TYPE D GRATE"  
STA. 20+46 RT "TYPE D GRATE"  
STA. 20+58 LT "TYPE D GRATE"  
STA. 20+95 LT "TYPE D GRATE"



TH# 3  
MM 0.395  
STA. 20+84



REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE I, EXAMPLE 2 FROM STANDARD DRAWING C-3A



**LEGEND**

- HYDRANT
  - MANHOLE
  - WATER VALVE
  - GAS PIPELINE MARKER
  - CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊠ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL
- SIGN LEGEND**
- R = REMOVE
  - R&S = REMOVE AND SALVAGE
  - RET = RETAIN
  - S = SALVAGE
  - N = NEW
  - B-B = BACK TO BACK

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

**PROJECT LAYOUT SHEET 16**

PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(I)S

FILE NAME: p06b062.dgn  
PROJECT LEADER: EPD  
DESIGNED BY: CDL  
PLOT FILE: p06b062pl16.i

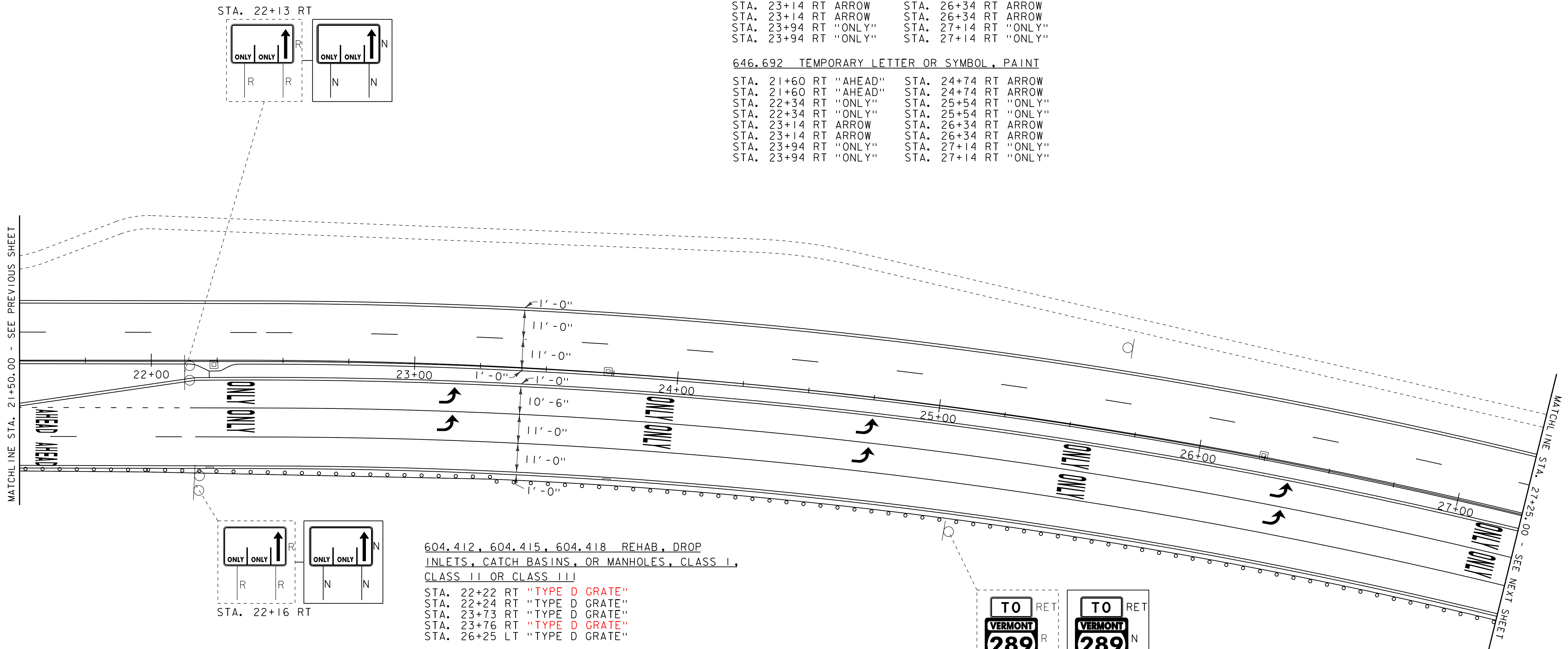
PLOT DATE: 30-OCT-2012 12:0  
DRAWN BY: SJL  
CHECKED BY: EPD  
SHEET 24 OF \$SH\$

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 21+60 RT "AHEAD"	STA. 24+74 RT ARROW
STA. 21+60 RT "AHEAD"	STA. 24+74 RT ARROW
STA. 22+34 RT "ONLY"	STA. 25+54 RT "ONLY"
STA. 22+34 RT "ONLY"	STA. 25+54 RT "ONLY"
STA. 23+14 RT ARROW	STA. 26+34 RT ARROW
STA. 23+14 RT ARROW	STA. 26+34 RT ARROW
STA. 23+94 RT "ONLY"	STA. 27+14 RT "ONLY"
STA. 23+94 RT "ONLY"	STA. 27+14 RT "ONLY"

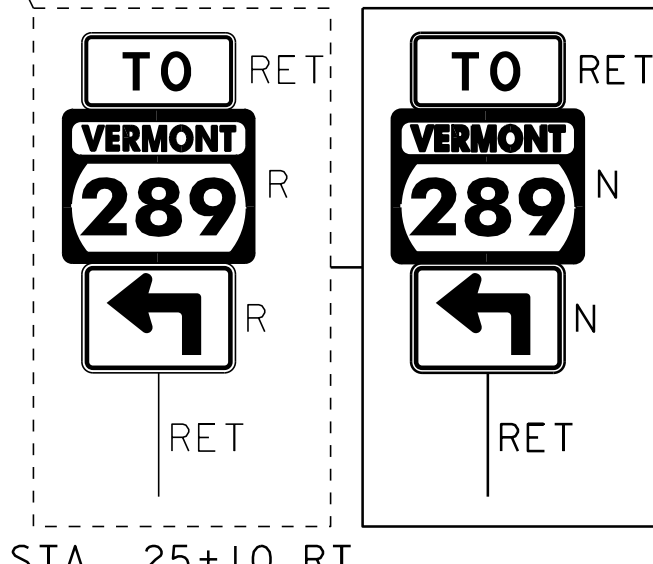
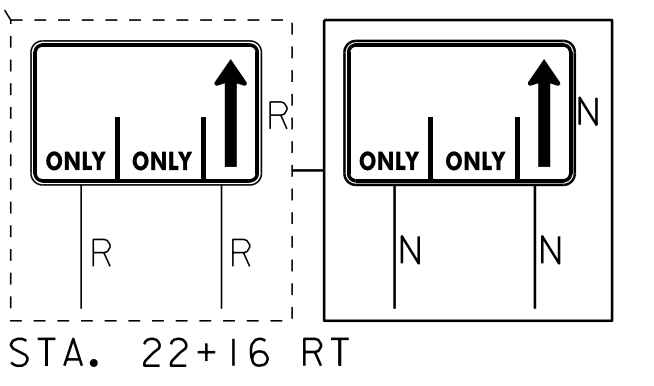
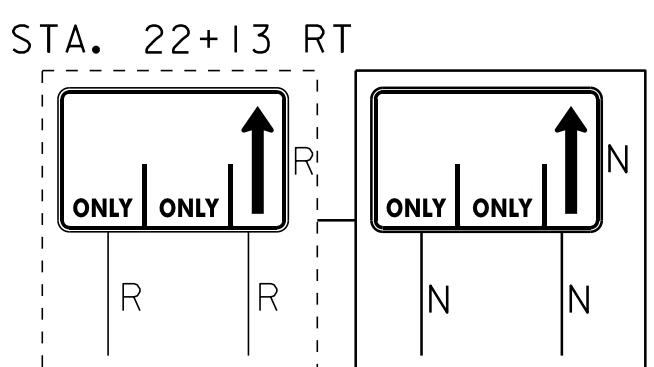
646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 21+60 RT "AHEAD"	STA. 24+74 RT ARROW
STA. 21+60 RT "AHEAD"	STA. 24+74 RT ARROW
STA. 22+34 RT "ONLY"	STA. 25+54 RT "ONLY"
STA. 22+34 RT "ONLY"	STA. 25+54 RT "ONLY"
STA. 23+14 RT ARROW	STA. 26+34 RT ARROW
STA. 23+14 RT ARROW	STA. 26+34 RT ARROW
STA. 23+94 RT "ONLY"	STA. 27+14 RT "ONLY"
STA. 23+94 RT "ONLY"	STA. 27+14 RT "ONLY"



MATCHLINE STA. 21+50.00 - SEE PREVIOUS SHEET

MATCHLINE STA. 27+25.00 - SEE NEXT SHEET



604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III

STA. 22+22 RT "TYPE D GRATE"  
 STA. 22+24 RT "TYPE D GRATE"  
 STA. 23+73 RT "TYPE D GRATE"  
 STA. 23+76 RT "TYPE D GRATE"  
 STA. 26+25 LT "TYPE D GRATE"

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

- STA. 21+50 - STA. 27+25 (SOLID LT & RT)
- STA. 21+50 - STA. 22+17 (DASHED RT)
- STA. 21+50 - STA. 27+25 (DASHED LT)
- STA. 21+50 - STA. 22+17 (DOTTED RT)
- STA. 22+17 - STA. 27+25 (SOLID RT)
- STA. 22+17 - STA. 27+25 (SOLID RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

- STA. 21+50 - STA. 27+25 (SOLID LT & RT)
- STA. 21+50 - STA. 22+17 (DASHED RT)
- STA. 21+50 - STA. 27+25 (DASHED LT)
- STA. 21+50 - STA. 22+17 (DOTTED RT)
- STA. 22+17 - STA. 27+25 (SOLID RT)
- STA. 22+17 - STA. 27+25 (SOLID RT)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 21+50 - STA. 27+25 (SOLID RT BOTH EDGES OF MEDIAN)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 21+50 - STA. 27+25 (SOLID RT BOTH EDGES OF MEDIAN)

646.81 PAINTED CURB

STA. 21+50 - STA. 21+76 RT  
 STA. 21+87 - STA. 22+47 RT

675.50 REMOVING SIGNS  
 AS SHOWN - 4

SIGN LEGEND

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

LEGEND

- ⊕ HYDRANT
- MANHOLE
- ⊙ WATER VALVE
- ⊙ GAS PIPELINE MARKER
- ⊠ CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

**PROJECT LAYOUT SHEET 17**

PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:0
PROJECT NUMBER: STP 2616(I)S	DRAWN BY: SJL
FILE NAME: p06b062.dgn	CHECKED BY: EPD
PROJECT LEADER: EPD	SHEET 25 OF \$SH\$
DESIGNED BY: CDL	
PLOT FILE: p06b062pl17.i	

**203.16 SOLID ROCK EXCAVATION**

STA. 29+67 - STA. 29+76 LT  
 STA. 30+45 - STA. 30+54 LT  
 STA. 31+04 - STA. 31+14 LT  
 STA. 31+53 - STA. 31+68 LT

**618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

STA. 29+67 - STA. 29+76 LT  
 STA. 30+45 - STA. 30+54 LT  
 STA. 31+04 - STA. 31+14 LT  
 STA. 31+53 - STA. 31+68 LT

**618.30 DETECTABLE WARNING SURFACE**

STA. 29+72 LT  
 STA. 30+47 LT  
 STA. 31+09 LT  
 STA. 31+57 LT

**646.482 DURABLE 24" STOP BAR, THERMOPLASTIC**

STA. 29+64 RT  
 STA. 29+82 - STA. 30+10 LT  
 STA. 30+13 - STA. 30+25 LT  
 STA. 30+60 LT  
 STA. 30+60 LT

**646.682 TEMPORARY 24" STOP BAR, PAINT**

STA. 29+64 RT  
 STA. 29+82 - STA. 30+10 LT  
 STA. 30+13 - STA. 30+25 LT  
 STA. 30+60 LT  
 STA. 30+60 LT

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 27+94 RT ARROW  
 STA. 27+94 RT ARROW  
 STA. 28+74 RT "ONLY"  
 STA. 28+74 RT "ONLY"  
 STA. 29+54 RT ARROW  
 STA. 29+54 RT ARROW  
 STA. 29+93 LT ARROW  
 STA. 30+05 LT ARROW  
 STA. 30+20 LT ARROW  
 STA. 30+69 LT "STOP"  
 STA. 30+90 LT YIELD MARKERS

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 27+94 RT ARROW  
 STA. 27+94 RT ARROW  
 STA. 28+74 RT "ONLY"  
 STA. 28+74 RT "ONLY"  
 STA. 29+54 RT ARROW  
 STA. 29+54 RT ARROW  
 STA. 29+93 LT ARROW  
 STA. 30+05 LT ARROW  
 STA. 30+20 LT ARROW  
 STA. 30+69 LT "STOP"  
 STA. 30+90 LT YIELD MARKERS

**646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC**

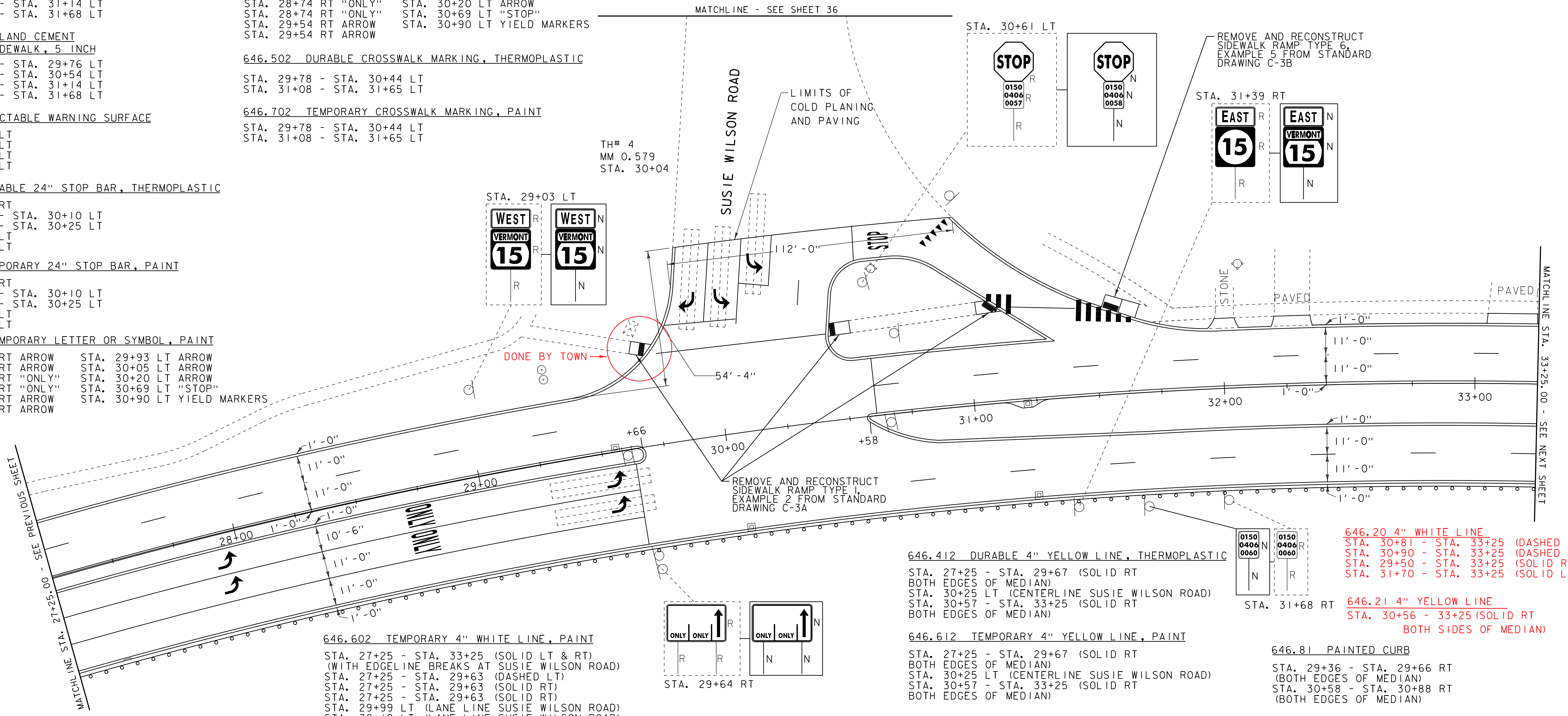
STA. 29+78 - STA. 30+44 LT  
 STA. 31+08 - STA. 31+65 LT

**646.702 TEMPORARY CROSSWALK MARKING, PAINT**

STA. 29+78 - STA. 30+44 LT  
 STA. 31+08 - STA. 31+65 LT

TH# 4  
 MM 0.579  
 STA. 30+04

MATCHLINE - SEE SHEET 36



MATCHLINE STA. 27+25.00 - SEE PREVIOUS SHEET

MATCHLINE STA. 33+25.00 - SEE NEXT SHEET

**604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III**

STA. 27+45 RT "TYPE D GRATE"  
 STA. 29+55 LT "TYPE D GRATE"  
 STA. 30+05 RT "TYPE D GRATE"  
 STA. 31+21 RT "TYPE D GRATE"  
 STA. 31+23 RT "TYPE D GRATE"  
 STA. 31+23 RT "TYPE D GRATE"

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 27+25 - STA. 33+25 (SOLID LT & RT) (WITH EDGELINE BREAKS AT SUSIE WILSON ROAD)  
 STA. 27+25 - STA. 29+63 (DASHED LT)  
 STA. 27+25 - STA. 29+63 (SOLID RT)  
 STA. 27+25 - STA. 29+63 (SOLID RT)  
 STA. 29+99 LT (LANE LINE SUSIE WILSON ROAD)  
 STA. 30+12 LT (LANE LINE SUSIE WILSON ROAD)  
 STA. 30+35 (DASHED LT) (SUSIE WILSON ROAD)  
 STA. 30+61 - STA. 33+25 (DASHED LT & RT)

**VIDEO VEHICLE DETECTION SYSTEM EQUIPMENT LIST**

LIST OF MAJOR EQUIPMENT		
ITEM #	DESCRIPTION	QUANTITY
900.620	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 15 @ SUSIE WILSON RD.)	
	ENCOM MODEL EP-5200,RS-232, SHELF MOUNT RADIO	1
	YAGI ANTENNA, 8.5 DB, 900 MHZ	1
	LIGHTNING PROTECTION	1
	6' RF JUMPER CABLE	1
	ENCOM DATA CABLE, CB-81	1
	LMR COAXIAL CABLE, CB-1055	1
	ECONOLITE ASC/3-2100 CONTROLLER	1
	ECONOLITE AUTOSCOPE SOLO - VIDEO DETECTION	3

**VIDEO VEHICLE DETECTION SYSTEM NOTES:**

- NEW ECONOLITE ASC/3-2100 CONTROLLER TO REPLACE EXISTING MODEL 8000 CONTROLLER.
- VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- VIDEO VEHICLE DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.

**LEGEND**

- ⊙ HYDRANT
- MANHOLE
- ⊙ WATER VALVE
- ⊙ GAS PIPELINE MARKER
- ⊙ CATCH BASIN / DROP INLET
- ⊙ CURB INLET
- ⊙ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

**SIGN LEGEND**

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

**646.81 PAINTED CURB**

STA. 29+36 - STA. 29+66 RT (BOTH EDGES OF MEDIAN)  
 STA. 30+58 - STA. 30+88 RT (BOTH EDGES OF MEDIAN)

**646.82 PAINTED ISLAND**

STA. 29+42 - STA. 29+67 RT

**675.50 REMOVING SIGNS AS SHOWN - 8**

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**

STA. 27+25 - STA. 29+67 (SOLID RT BOTH EDGES OF MEDIAN)  
 STA. 30+25 LT (CENTERLINE SUSIE WILSON ROAD)  
 STA. 30+57 - STA. 33+25 (SOLID RT BOTH EDGES OF MEDIAN)

**646.612 TEMPORARY 4" YELLOW LINE, PAINT**

STA. 27+25 - STA. 29+67 (SOLID RT BOTH EDGES OF MEDIAN)  
 STA. 30+25 LT (CENTERLINE SUSIE WILSON ROAD)  
 STA. 30+57 - STA. 33+25 (SOLID RT BOTH EDGES OF MEDIAN)

**646.20 4" WHITE LINE**  
 STA. 30+81 - STA. 33+25 (DASHED RT)  
 STA. 30+90 - STA. 33+25 (DASHED LT)  
 STA. 29+50 - STA. 33+25 (SOLID RT)  
 STA. 31+70 - STA. 33+25 (SOLID LT)

**646.21 4" YELLOW LINE**  
 STA. 30+56 - 33+25 (SOLID RT BOTH SIDES OF MEDIAN)

**DATUM**

VERTICAL	N/A
HORIZONTAL	N/A

STA. 27+25 - STA. 29+90 (SOLID LT)

NOT TO SCALE

**PROJECT LAYOUT SHEET 18**

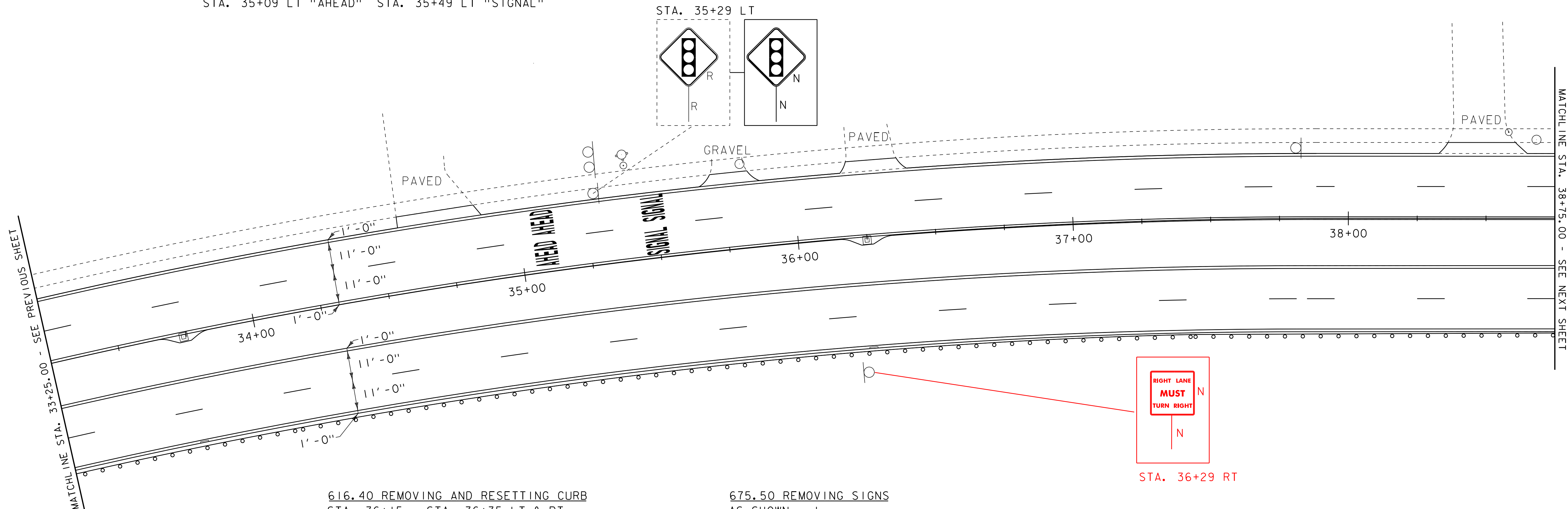
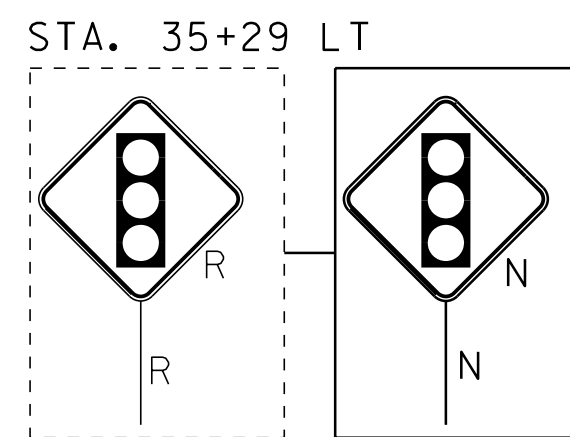
PROJECT NAME:	COLCHESTER-ESSEX
PROJECT NUMBER:	STP 2616(I)S
FILE NAME:	p06b062.dgn
PROJECT LEADER:	EPD
DESIGNED BY:	CDL
PLOT FILE:	p06b062p118.i
PLOT DATE:	30-OCT-2012 12:0
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	26 OF \$SH\$

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 35+09 LT "AHEAD" STA. 35+49 LT "SIGNAL"  
STA. 35+09 LT "AHEAD" STA. 35+49 LT "SIGNAL"

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 35+09 LT "AHEAD" STA. 35+49 LT "SIGNAL"  
STA. 35+09 LT "AHEAD" STA. 35+49 LT "SIGNAL"



616.40 REMOVING AND RESETTNG CURB

STA. 36+15 - STA. 36+35 LT & RT  
(LEFT EDGE OF MEDIAN)

~~646.20~~

~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~

STA. 33+25 - STA. 38+75 (SOLID LT & RT)  
STA. 33+25 - STA. 38+75 (DASHED LT & RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 33+25 - STA. 38+75 (SOLID LT & RT)  
STA. 33+25 - STA. 38+75 (DASHED LT & RT)

675.50 REMOVING SIGNS

AS SHOWN - I

~~646.21~~

~~646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC~~

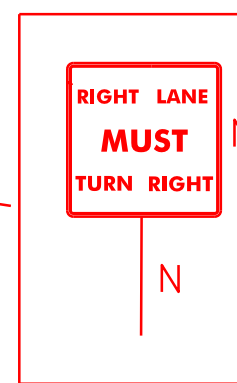
STA. 33+25 - STA. 38+75 (SOLID RT)  
(BOTH EDGES OF MEDIAN)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 33+25 - STA. 38+75 (SOLID RT)  
(BOTH EDGES OF MEDIAN)

604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III

STA. 33+74 RT "TYPE D GRATE"  
STA. 33+74 RT  
STA. 36+24 RT  
STA. 36+25 RT "TYPE D GRATE"



STA. 36+29 RT

LEGEND

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

SIGN LEGEND

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

DATUM

VERTICAL N/A  
HORIZONTAL N/A

NOT TO SCALE

PROJECT LAYOUT SHEET 19

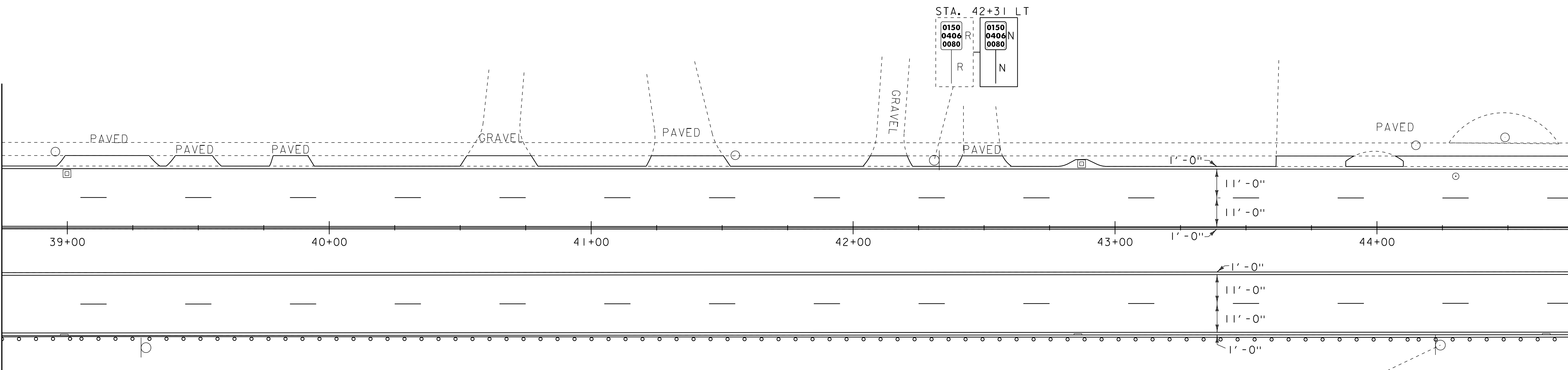
PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(I)S

FILE NAME: p06b062.dgn  
PROJECT LEADER: EPD  
DESIGNED BY: CDL  
PLOT FILE: p06b062p119.i

PLOT DATE: 30-OCT-2012 12:0  
DRAWN BY: SJL  
CHECKED BY: EPD  
SHEET 27 OF \$SH\$

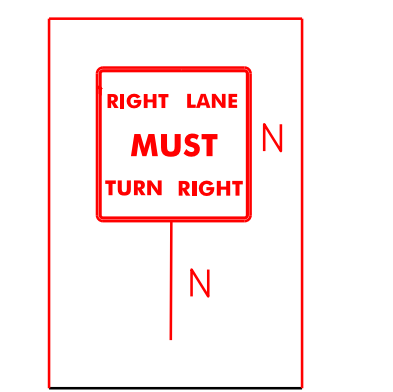
MATCHLINE STA. 38+75.00 - SEE PREVIOUS SHEET

MATCHLINE STA. 44+75.00 - SEE NEXT SHEET

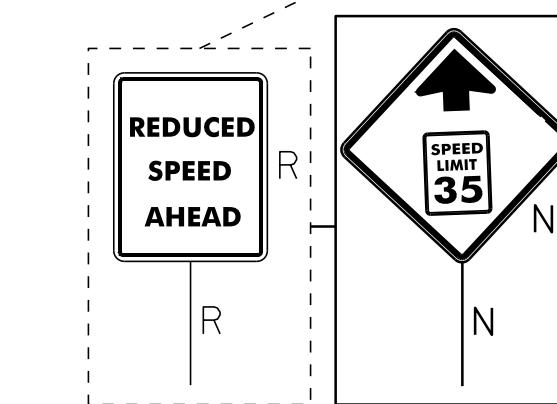


- 629.20 ADJUST ELEVATION OF VALVE BOX  
STA. 44+30 LT
- 646.20  
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC  
STA. 38+75 - STA. 44+75 (SOLID LT & RT)  
STA. 38+75 - STA. 44+75 (DASHED LT & RT)
- 646.602 TEMPORARY 4" WHITE LINE, PAINT  
STA. 38+75 - STA. 44+75 (SOLID LT & RT)  
STA. 38+75 - STA. 44+75 (DASHED LT & RT)
- 675.50 REMOVING SIGNS  
AS SHOWN - 2

- 646.612 TEMPORARY 4" YELLOW LINE, PAINT  
STA. 38+75 - STA. 44+75 (SOLID RT)  
(BOTH EDGELINES OF MEDIAN)
- 646.21  
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
STA. 38+75 - STA. 44+75 (SOLID RT)  
(BOTH EDGELINES OF MEDIAN)
- 604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III
- STA. 38+99 RT "TYPE D GRATE"
- STA. 39+00 LT "TYPE D GRATE"
- STA. 42+86 RT "TYPE D GRATE"
- STA. 42+87 LT "TYPE D GRATE"
- STA. 44+65 RT NOT FOUND



STA. 42+70 RT



STA. 44+24 RT

- LEGEND**
- ⊙ HYDRANT
  - MANHOLE
  - ⊙ WATER VALVE
  - ⊙ GAS PIPELINE MARKER
  - ⊠ CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊠ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL
- SIGN LEGEND**
- R = REMOVE
  - R&S = REMOVE AND SALVAGE
  - RET = RETAIN
  - S = SALVAGE
  - N = NEW
  - B-B = BACK TO BACK

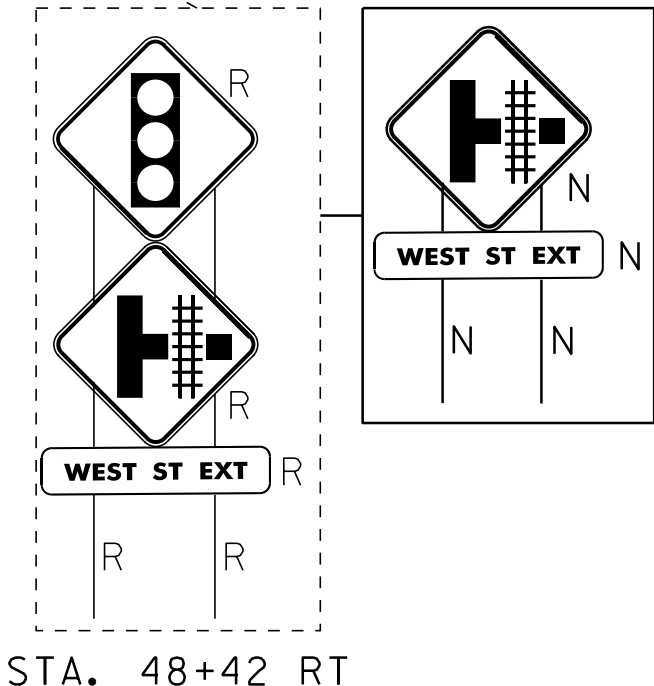
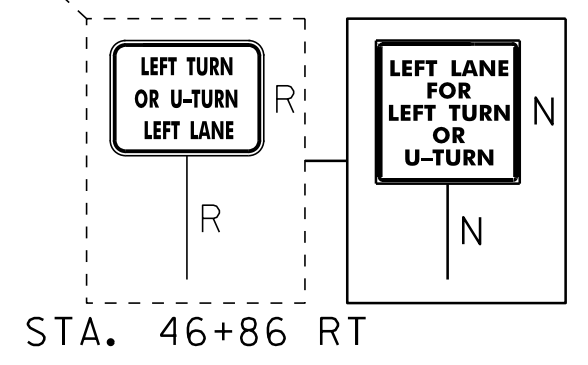
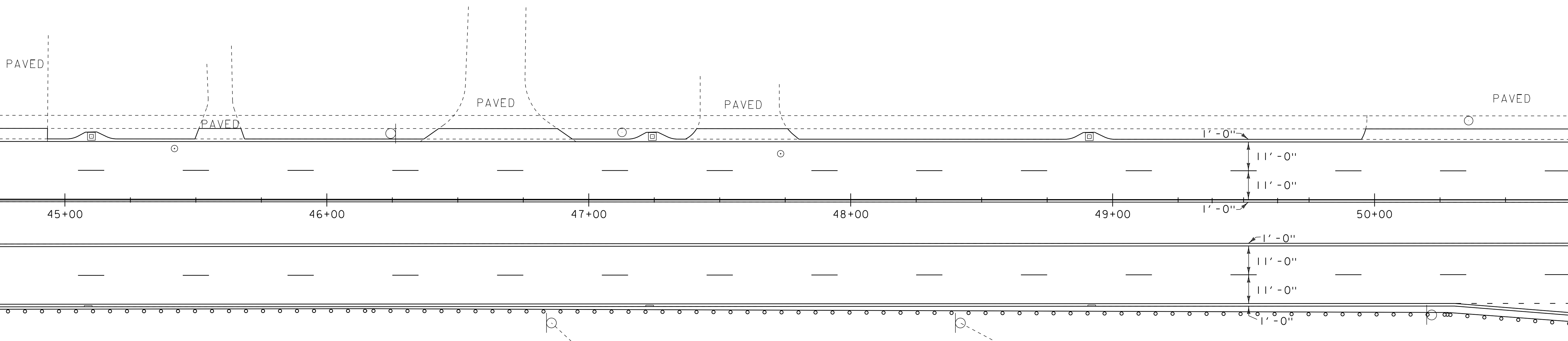
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

<b>PROJECT LAYOUT SHEET 20</b>	PROJECT NAME: COLCHESTER-ESSEX	FILE NAME: p06b062.dgn	PLOT DATE: 30-OCT-2012 12:0
	PROJECT NUMBER: STP 2616(I)S	PROJECT LEADER: EPD	DRAWN BY: SJL
	DESIGNED BY: CDL	CHECKED BY: EPD	
	PLOT FILE: p06b062pl20.i		SHEET 28 OF \$SH\$

MATCHLINE STA. 44+75.00 - SEE PREVIOUS SHEET

MATCHLINE STA. 50+75.00 - SEE NEXT SHEET



- 629.20 ADJUST ELEVATION OF VALVE BOX  
STA. 45+42 LT      STA. 47+73 LT
- ~~646.20~~  
~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~
- 646.602 TEMPORARY 4" WHITE LINE, PAINT  
STA. 44+75 - STA. 50+75 (SOLID LT & RT)  
STA. 44+75 - STA. 50+75 (DASHED LT & RT)  
STA. 50+31 - STA. 50+75 (DOTTED RT)  
STA. 44+75 - STA. 50+31 (DASHED RT)
- 646.602 TEMPORARY 4" WHITE LINE, PAINT  
STA. 44+75 - STA. 50+75 (SOLID LT & RT)  
STA. 44+75 - STA. 50+75 (DASHED LT & RT)  
STA. 50+31 - STA. 50+75 (DOTTED RT)
- 646.81 PAINTED CURB  
STA. 50+01 - STA. 50+61 RT

- ~~646.21~~  
~~646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC~~
- 646.612 TEMPORARY 4" YELLOW LINE, PAINT  
STA. 44+75 - STA. 50+75 (SOLID RT)  
(BOTH EDGELINES OF MEDIAN)
- 604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III  
STA. 45+09 RT  
STA. 45+10 LT "TYPE D GRATE"  
STA. 47+23 RT "TYPE D GRATE"  
STA. 47+24 LT "TYPE D GRATE"  
STA. 48+91 LT "TYPE D GRATE"  
STA. 48+92 RT "TYPE D GRATE"

675.50 REMOVING SIGNS  
AS SHOWN - 4

- LEGEND**
- HYDRANT
  - MANHOLE
  - WATER VALVE
  - GAS PIPELINE MARKER
  - CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊠ TRAFFIC CONTROL BOX
  - ⊖ RAILROAD CROSSING SIGNAL
- SIGN LEGEND**
- R = REMOVE
  - R&S = REMOVE AND SALVAGE
  - RET = RETAIN
  - S = SALVAGE
  - N = NEW
  - B-B = BACK TO BACK

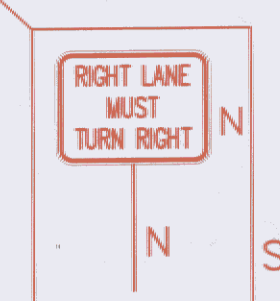
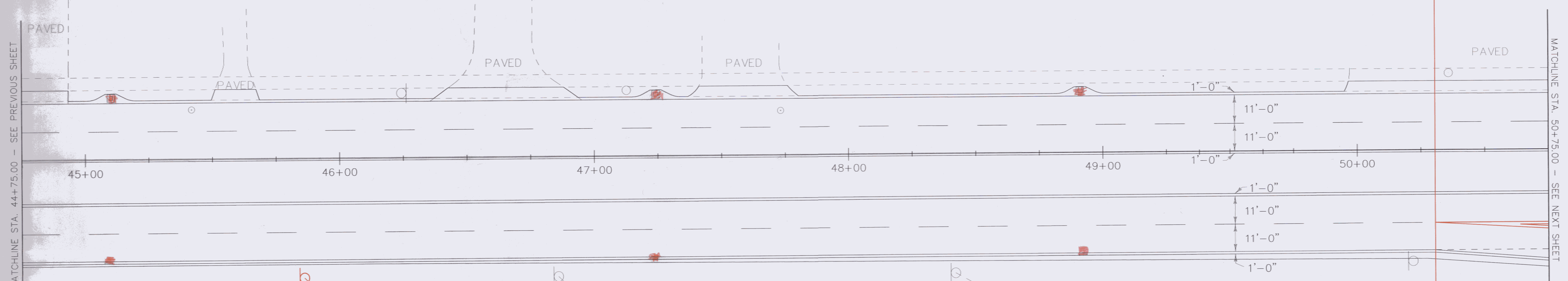
SEE REVISED SHEET

NOT TO SCALE

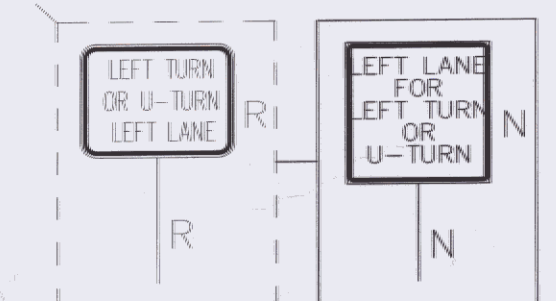
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

<b>PROJECT LAYOUT SHEET 21</b>	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:00
	PROJECT NUMBER: STP 2616(I)S	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	DESIGNED BY: CDL	SHEET 29 OF \$SH\$
	PLOT FILE: p06b062pl21.i	

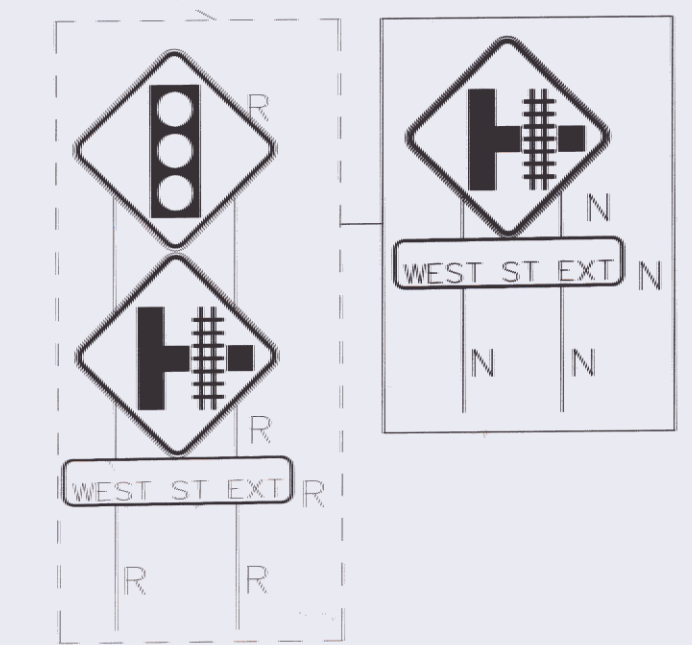
START OF PROPOSED MODIFICATIONS  
REQUESTED BY THE VILLAGE OF  
ESSEX JUNCTION  
STA. 50+30



STA. 45+86 RT



STA. 46+86 RT



STA. 48+42 RT

NOTE:

1.) ALL VALVE BOX ADJUSTMENTS TO BE DONE BY OTHERS.

~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~

~~STA. 44+75 - STA. 50+75 (SOLID LT & RT)  
STA. 44+75 - STA. 50+75 (DASHED LT & RT)  
STA. 50+31 - STA. 50+75 (DOTTED RT)~~

~~646.602 TEMPORARY 4" WHITE LINE, PAINT~~

~~STA. 44+75 - STA. 50+75 (SOLID LT & RT)  
STA. 44+75 - STA. 50+75 (DASHED LT & RT)  
STA. 50+31 - STA. 50+75 (DOTTED RT)~~

646.81 PAINTED CURB

STA. 50+01 - STA. 50+61 RT

~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~

STA. 44+75 - STA. 50+75 (SOLID LT & RT)  
STA. 44+75 - STA. 50+75 (DASHED LT)  
STA. 44+75 - STA. 50+31 (DASHED RT)  
STA. 50+31 - STA. 50+75 (SOLID RT) (APPROACH TAPER)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 44+75 - STA. 50+75 (SOLID RT)  
(BOTH EDGELINES OF MEDIAN)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 44+75 - STA. 50+75 (SOLID RT)  
(BOTH EDGELINES OF MEDIAN)

604.412, 604.415, 604.418 REHAB. DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS 1,  
CLASS II OR CLASS III

STA. 45+09 RT, TYPE D GRATE  
STA. 45+10 LT, TYPE D GRATE  
STA. 47+23 RT, TYPE D GRATE  
STA. 47+24 LT, TYPE D GRATE  
STA. 48+91 LT, TYPE D GRATE  
STA. 48+92 RT, TYPE D GRATE

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 44+75 - STA. 50+75 (SOLID LT & RT)  
STA. 44+75 - STA. 50+75 (DASHED LT)  
STA. 44+75 - STA. 50+31 (DASHED RT)  
STA. 50+31 - STA. 50+75 (SOLID RT) (APPROACH TAPER)

LEGEND

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- RAILROAD CROSSING SIGNAL

SIGN LEGEND

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

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PROJECT  
LAYOUT  
SHEET 21

PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(1)

FILE NAME: p06b062.dgn  
PROJECT LEADER: EPD  
DESIGNED BY: CDL  
PLOT FILE: p06b062pl21.i

PLOT DATE: \$\$\$DATE\$\$\$  
DRAWN BY: SJL  
CHECKED BY: EPD  
SHEET 29 OF 45

NOT TO SCALE

~~04/13/09~~  
~~07/24/09~~  
~~07/31/09~~  
08/01/09

**604.42 CHANGING ELEVATION OF SEWER MANHOLES**

STA. 53+45 LT  
 STA. 54+91 LT  
**646.482 DURABLE 24" STOP BAR, THERMOPLASTIC**  
 STA. 53+00 RT  
 STA. 53+63 - STA. 53+73 LT  
 STA. 54+50 LT  
 STA. 54+92 LT - STA. 55+12 LT

**646.682 TEMPORARY 24" STOP BAR, PAINT**

STA. 53+00 RT  
 STA. 53+63 - STA. 53+73 LT  
 STA. 54+50 LT  
 STA. 54+92 LT - STA. 55+12 LT

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

STA. 51+90 RT ARROW  
 STA. 52+41 RT "ONLY"  
 STA. 52+52 RT ARROW  
 STA. 52+92 RT ARROW  
 STA. 52+92 RT ARROW  
 STA. 55+04 LT "STOP"

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 51+90 RT ARROW  
 STA. 52+41 RT "ONLY"  
 STA. 52+52 RT ARROW  
 STA. 52+92 RT ARROW  
 STA. 52+92 RT ARROW  
 STA. 55+04 LT "STOP"

**629.20 ADJUST ELEVATION OF VALVE BOX**

STA. 51+06 LT  
 STA. 53+68 LT  
 STA. 53+58 LT  
 STA. 53+68 LT  
 STA. 53+67 LT  
**616.40 REMOVING AND RESETTING CURB**  
 STA. 55+75 - STA. 56+50 NORTH SIDE OF MEDIAN

**646.81 PAINTED CURB**

STA. 51+01 - STA. 51+61 RT  
 STA. 51+51 - STA. 52+11 RT  
 STA. 52+11 - STA. 52+71 RT  
 STA. 52+74 - STA. 53+04 RT  
 (BOTH EDGES OF MEDIAN)  
 STA. 54+42 - STA. 54+72 RT  
 (BOTH EDGES OF MEDIAN)

**646.82 PAINTED ISLAND**

STA. 52+80 - STA. 53+05 RT

**675.50 REMOVING SIGNS**

AS SHOWN - 5

**678.22 VEHICLE LOOP DETECTOR**

STA. 53+64 - STA. 53+70 LT (150 LF)

**616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS**

STA. 55+47 - STA. 55+79 LT

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 1, EXAMPLE 2 FROM STANDARD DRAWING C-3A

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 4 FROM STANDARD DRAWING C-3B

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM STANDARD DRAWING C-3B

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 50+75 - STA. 53+00 (DASHED RT & LT)  
 STA. 50+75 - STA. 51+81 (DOTTED RT)  
 STA. 50+75 - STA. 53+67 (SOLID LT)  
 STA. 50+75 - STA. 56+75 (SOLID RT)  
 (WITH EDGELINE BREAKS AT WEST STREET EXT.)  
 STA. 51+31 - STA. 52+41 (DOTTED RT)  
 STA. 52+41 - STA. 53+00 (SOLID RT)  
 STA. 51+81 - STA. 53+00 (SOLID RT)  
 STA. 53+00 - STA. 53+37 (DOTTED RT)  
 STA. 53+80 - STA. 56+75 (SOLID LT)  
 STA. 53+84 - STA. 55+07 (SOLID LT)  
 (INNER EDGELINE OF JUGHANDLE)  
 STA. 54+50 - STA. 56+75 (DASHED RT & LT)  
 STA. 54+99 - STA. 55+93 (SOLID LT)

**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 50+75 - STA. 53+00 (DASHED RT & LT)  
 STA. 50+75 - STA. 51+81 (DOTTED RT)  
 STA. 50+75 - STA. 53+67 (SOLID LT)  
 STA. 50+75 - STA. 56+75 (SOLID RT)  
 (WITH EDGELINE BREAKS AT WEST STREET EXT.)  
 STA. 51+31 - STA. 52+41 (DOTTED RT)  
 STA. 52+41 - STA. 53+00 (SOLID RT)  
 STA. 51+81 - STA. 53+00 (SOLID RT)  
 STA. 53+00 - STA. 53+37 (DOTTED RT)  
 STA. 53+80 - STA. 56+75 (SOLID LT)  
 STA. 53+84 - STA. 55+07 (SOLID LT)  
 (INNER EDGELINE OF JUGHANDLE)  
 STA. 54+50 - STA. 56+75 (DASHED RT & LT)  
 STA. 54+99 - STA. 55+93 (SOLID LT)

**621.20 STEEL BEAM GUARDRAIL, GALVANIZED**

STA. 54+02.00 LT - STA. 54+14.50 LT (JUGHANDLE)  
 STA. 55+33.50 LT - STA. 55+46.00 LT (JUGHANDLE)

**621.60 ANCHOR FOR STEEL BEAM RAIL**

STA. 54+02.00 LT (JUGHANDLE)  
 STA. 55+33.50 LT (JUGHANDLE)

**621.80 REMOVAL AND DISPOSAL OF GUARDRAIL**

STA. 54+02.00 LT - STA. 54+14.50 LT (JUGHANDLE)  
 STA. 55+33.50 LT - STA. 55+46.00 LT (JUGHANDLE)

**676.10 DELINEATOR WITH STEEL POST**

STA. 53+28.00 RT  
 STA. 54+02.00 LT (JUGHANDLE)  
 STA. 55+46.00 LT (JUGHANDLE)

STREET	LANE	STATION	SIZE	TYPE	# OF TURNS	MODE
JUGHANDLE	-	53+64 - 53+70 LT	6' X 29'	QUAD	2	PRES.

**203.16 SOLID ROCK EXCAVATION**

STA. 53+51 - STA. 53+62 LT  
 STA. 53+95 - STA. 54+05 LT  
 STA. 54+17 - STA. 54+23 RT  
 STA. 54+20 - STA. 54+25 LT  
 STA. 54+77 - STA. 54+87 LT  
 STA. 55+05 - STA. 55+18 LT  
 STA. 55+81 - STA. 55+92 LT  
 STA. 56+27 - STA. 56+42 LT

**618.30 DETECTABLE WARNING SURFACE**

STA. 53+59 LT  
 STA. 53+99 LT  
 STA. 54+20 RT  
 STA. 54+22 LT  
 STA. 54+82 LT  
 STA. 55+09 LT  
 STA. 55+90 LT  
 STA. 56+33 LT

**618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

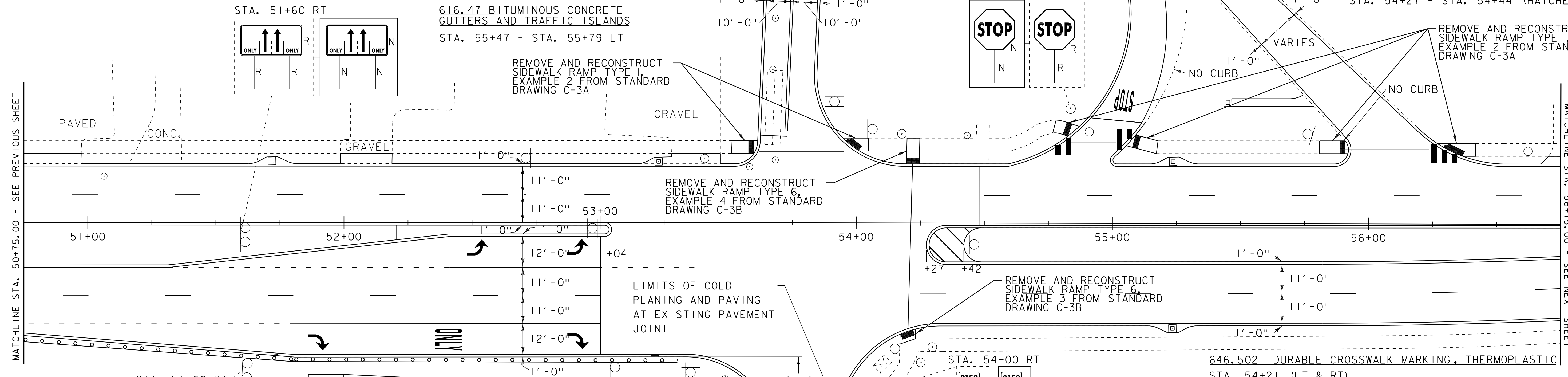
STA. 53+51 - STA. 53+62 LT  
 STA. 53+95 - STA. 54+05 LT  
 STA. 54+17 - STA. 54+23 RT  
 STA. 54+20 - STA. 54+25 LT  
 STA. 54+77 - STA. 54+87 LT  
 STA. 55+05 - STA. 55+18 LT  
 STA. 55+81 - STA. 55+92 LT  
 STA. 56+27 - STA. 56+42 LT

**646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC**

STA. 54+27 - STA. 54+44 (HATCHED RT)

**646.652 TEMPORARY 8" YELLOW LINE, PAINT**

STA. 54+27 - STA. 54+44 (HATCHED RT)



- LEGEND**
- ⊙ HYDRANT
  - MANHOLE
  - ⊕ WATER VALVE
  - ⊖ GAS PIPELINE MARKER
  - ⊞ CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊞ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL

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

**PROJECT LAYOUT SHEET 22**

PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(I)S

FILE NAME: p06b062.dgn  
 PROJECT LEADER: EPD  
 DESIGNED BY: CDL  
 PLOT FILE: p06b062pl22.i  
 PLOT DATE: 30-OCT-2012 12:0  
 DRAWN BY: SJL  
 CHECKED BY: EPD  
 SHEET 30 OF \$SH\$

SEE REVISED SHEET NOT TO SCALE

**616.20 GRANITE SLOPE EDGING**  
 STA. 51+81 - STA. 53+04 RT (ISLAND)

NOTE:  
 1.) ALL SEWER MAN HOLE AND VALVE BOX ADJUSTMENTS TO BE DONE BY OTHERS UNLESS OTHERWISE NOTED IN THE PLANS.

~~646.26 24" STOP BAR~~  
~~646.482 DURABLE 24" STOP BAR, THERMOPLASTIC~~  
 STA. 53+00 RT  
 STA. 53+63 - STA. 53+73 LT  
 STA. 54+50 LT  
 STA. 54+92 LT - STA. 55+12 LT

646.682 TEMPORARY 24" STOP BAR, PAINT  
 STA. 53+00 RT  
 STA. 53+63 - STA. 53+73 LT  
 STA. 54+50 LT  
 STA. 54+92 LT - STA. 55+12 LT

~~646.30 LETTER OR SYMBOL~~  
~~646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC~~

STA. 51+90 RT ARROW  
 STA. 52+41 RT "ONLY"  
 STA. 52+52 RT ARROW  
 STA. 54+54 RT BIKE  
 STA. 54+66 RT ARROW

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 51+90 RT ARROW  
 STA. 52+41 RT "ONLY"  
 STA. 52+52 RT ARROW  
 STA. 54+54 RT BIKE  
 STA. 54+66 RT ARROW

616.40 REMOVING AND RESETTING CURB  
 STA. 55+75 - STA. 56+50 NORTH SIDE OF MEDIAN  
 STA. 54+22 - STA. 55+14 RT  
 STA. 55+89 - STA. 56+75 RT  
 STA. 55+82 - STA. 56+75 RT  
 STA. 56+39 - STA. 56+75 RT

646.81 PAINTED CURB  
 STA. 51+01 - STA. 51+61 RT  
 STA. 51+51 - STA. 52+11 RT  
 STA. 52+11 - STA. 52+71 RT  
 STA. 52+74 - STA. 53+04 RT (BOTH EDGES OF MEDIAN)  
 STA. 54+42 - STA. 54+72 RT (BOTH EDGES OF MEDIAN)

646.82 PAINTED ISLAND  
 STA. 52+80 - STA. 53+05 RT  
 STA. 51+81 - STA. 53+04 RT

675.50 REMOVING SIGNS  
 AS SHOWN - X6  
 678.22 VEHICLE LOOP DETECTOR  
 STA. 53+64 - STA. 53+70 LT (150 LF)

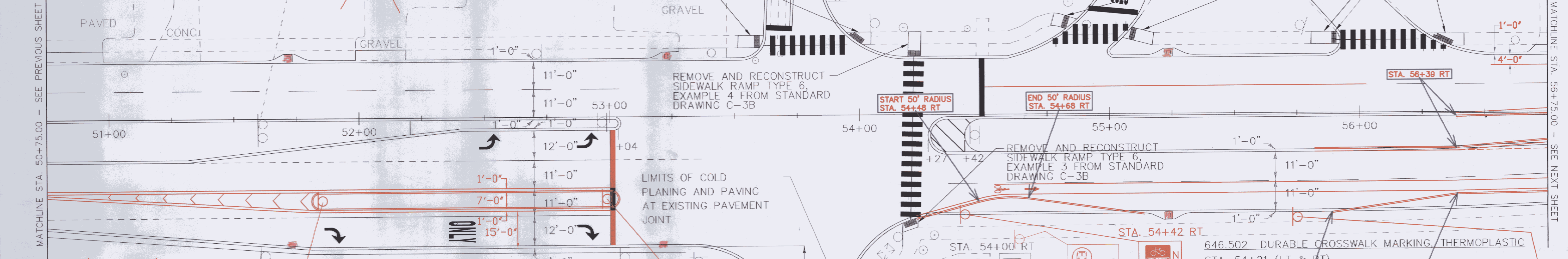
616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS  
 STA. 55+47 - STA. 55+79 LT

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 1, EXAMPLE 2 FROM STANDARD DRAWING C-3A

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 4 FROM STANDARD DRAWING C-3B

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM STANDARD DRAWING C-3B

LIMITS OF COLD PLANING AND PAVING AT EXISTING PAVEMENT JOINT



621.20 STEEL BEAM GUARDRAIL, GALVANIZED  
 STA. 54+02.00 LT - STA. 54+14.50 LT (JUGHANDLE)  
 STA. 55+33.50 LT - STA. 55+46.00 LT (JUGHANDLE)

621.60 ANCHOR FOR STEEL BEAM RAIL  
 STA. 54+02.00 LT (JUGHANDLE)  
 STA. 55+33.50 LT (JUGHANDLE)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA. 54+02.00 LT - STA. 54+14.50 LT (JUGHANDLE)  
 STA. 55+33.50 LT - STA. 55+46.00 LT (JUGHANDLE)

676.10 DELINEATOR WITH STEEL POST  
 STA. 53+28.00 RT  
 STA. 54+02.00 LT (JUGHANDLE)  
 STA. 55+46.00 LT (JUGHANDLE)

DATUM  
 VERTICAL N/A  
 HORIZONTAL N/A

~~646.20 4" WHITE LINE~~  
~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~

STA. 50+75 - STA. 53+00 (DASHED RT & LT)  
 STA. 50+75 - STA. 51+81 (DOTTED RT)  
 STA. 50+75 - STA. 53+67 (SOLID LT)  
 STA. 50+75 - STA. 56+75 (SOLID RT)  
 (WITH EDGELINE BREAKS AT WEST STREET EXT.)  
 STA. 51+31 - STA. 52+41 (DOTTED RT)  
 STA. 52+41 - STA. 53+00 (SOLID RT)  
 STA. 51+81 - STA. 53+00 (SOLID RT)  
 STA. 53+00 - STA. 53+37 (DOTTED RT)  
 STA. 53+80 - STA. 56+75 (SOLID LT)  
 STA. 53+84 - STA. 55+07 (SOLID LT)  
 (INNER EDGELINE OF JUGHANDLE)  
 STA. 54+50 - STA. 56+75 (DASHED RT & LT)  
 STA. 54+99 - STA. 55+93 (SOLID LT)  
 STA. 50+75 - STA. 51+81 (SOLID RT) (TAPER)  
 STA. 54+50 - STA. 56+75 (SOLID RT) (TAPER)  
 STA. 56+52 - 56+75 (SOLID LT) (BIKE)

646.602 TEMPORARY 4" WHITE LINE, PAINT  
 STA. 50+75 - STA. 53+00 (DASHED RT & LT)  
 STA. 50+75 - STA. 51+81 (DOTTED RT)  
 STA. 50+75 - STA. 53+67 (SOLID LT)  
 STA. 50+75 - STA. 56+75 (SOLID RT)  
 (WITH EDGELINE BREAKS AT WEST STREET EXT.)  
 STA. 51+31 - STA. 52+41 (DOTTED RT)  
 STA. 52+41 - STA. 53+00 (SOLID RT)  
 STA. 51+81 - STA. 53+00 (SOLID RT)  
 STA. 53+00 - STA. 53+37 (DOTTED RT)  
 STA. 53+80 - STA. 56+75 (SOLID LT)  
 STA. 53+84 - STA. 55+07 (SOLID LT)  
 (INNER EDGELINE OF JUGHANDLE)  
 STA. 54+50 - STA. 56+75 (DASHED RT & LT)  
 STA. 54+99 - STA. 55+93 (SOLID LT)  
 STA. 50+75 - STA. 51+81 (SOLID RT) (TAPER)  
 STA. 54+50 - STA. 56+38 (SOLID LT)

- LEGEND
- HYDRANT
  - MANHOLE
  - WATER VALVE
  - GAS PIPELINE MARKER
  - CATCH BASIN / DROP INLET
  - CURB INLET
  - TRAFFIC CONTROL BOX
  - RAILROAD CROSSING SIGNAL

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

~~646.214 6" WHITE LINE~~  
~~646.422 DURABLE 6" WHITE LINE, THERMOPLASTIC~~  
 STA. 54+50 - STA. 56+75 (SOLID RT) (BIKE)

646.622 TEMPORARY 6" WHITE LINE, PAINT  
 STA. 54+50 - STA. 56+75 (SOLID RT) (BIKE)

~~646.222 8" WHITE LINE~~  
~~646.442 DURABLE 8" WHITE LINE, THERMOPLASTIC~~  
 STA. 51+00 - STA. 51+81 (HATCHED RT)

646.642 TEMPORARY 8" WHITE LINE, PAINT  
 STA. 51+00 - STA. 51+81 (HATCHED RT)

STREET	LANE	STATION	SIZE	TYPE	# OF TURNS	MODE
JUGHANDLE	-	53+64 - 53+70 LT	6' X 29"	QUAD	2	PRES.

203.16 SOLID ROCK EXCAVATION  
 STA. 53+51 - STA. 53+62 LT  
 STA. 53+95 - STA. 54+05 LT  
 STA. 54+17 - STA. 54+23 RT  
 STA. 54+20 - STA. 54+25 LT  
 STA. 54+77 - STA. 54+87 LT  
 STA. 55+05 - STA. 55+18 LT  
 STA. 55+81 - STA. 55+92 LT  
 STA. 56+27 - STA. 56+42 LT

618.30 DETECTABLE WARNING SURFACE  
 STA. 53+59 LT  
 STA. 53+99 LT  
 STA. 54+20 RT  
 STA. 54+22 LT  
 STA. 54+82 LT  
 STA. 55+09 LT  
 STA. 55+90 LT  
 STA. 56+33 LT

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
 STA. 53+51 - STA. 53+62 LT  
 STA. 53+95 - STA. 54+05 LT  
 STA. 54+17 - STA. 54+23 RT  
 STA. 54+20 - STA. 54+25 LT  
 STA. 54+77 - STA. 54+87 LT  
 STA. 55+05 - STA. 55+18 LT  
 STA. 55+81 - STA. 55+92 LT  
 STA. 56+27 - STA. 56+42 LT

646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC  
 STA. 54+27 - STA. 54+44 (HATCHED RT)  
 646.652 TEMPORARY 8" YELLOW LINE, PAINT  
 STA. 54+27 - STA. 54+44 (HATCHED RT)

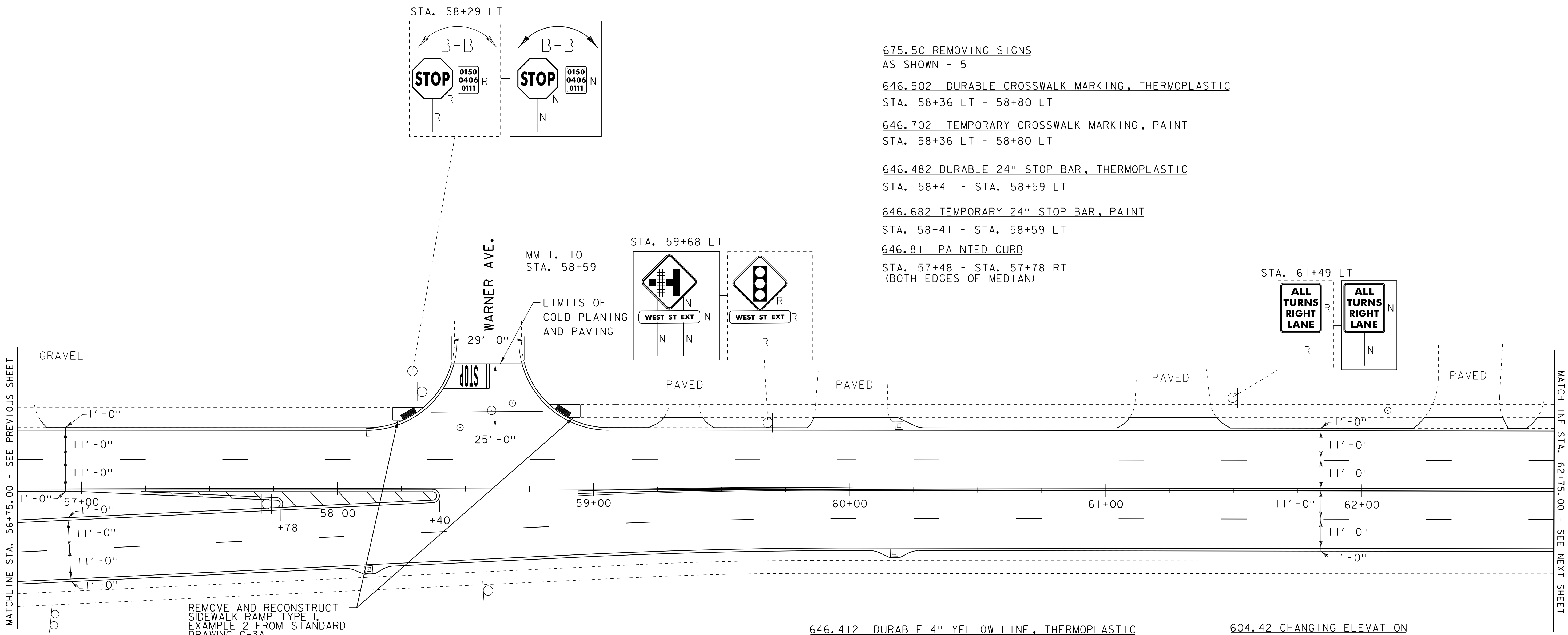
646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
 STA. 54+21 (LT & RT)  
 STA. 53+62 - STA. 53+95 LT  
 STA. 54+82 - STA. 55+02 LT  
 STA. 55+95 - STA. 56+26 LT  
 STA. 55+89 RT  
 646.702 TEMPORARY CROSSWALK MARKING, PAINT  
 STA. 54+21 (LT & RT)  
 STA. 53+62 - STA. 53+95 LT  
 STA. 54+82 - STA. 55+02 LT  
 STA. 55+95 - STA. 56+26 LT

604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS 1, CLASS II OR CLASS III  
 STA. 51+72 LT "TYPE D GRATE"  
 STA. 51+73 RT "TYPE D GRATE"  
 STA. 53+21 RT "TYPE D GRATE"  
 STA. 53+23 LT "TYPE D GRATE"  
 STA. 54+86 LT (JUGHANDLE) "TYPE D GRATE"  
 STA. 55+24 LT & RT "TYPE D GRATE"

NOT TO SCALE

PROJECT NAME: COLCHESTER-ESSEX	
PROJECT NUMBER: STP 2616(1)	
FILE NAME: p06b062.dgn	PLOT DATE: \$\$\$DATE\$\$\$
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: p06b062p122.i	SHEET 30 OF 45

04/13/09  
 07/24/09  
 07/31/09  
 08/01/09



- 675.50 REMOVING SIGNS  
AS SHOWN - 5
- 646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC  
STA. 58+36 LT - 58+80 LT
- 646.702 TEMPORARY CROSSWALK MARKING, PAINT  
STA. 58+36 LT - 58+80 LT
- 646.482 DURABLE 24" STOP BAR, THERMOPLASTIC  
STA. 58+41 - STA. 58+59 LT
- 646.682 TEMPORARY 24" STOP BAR, PAINT  
STA. 58+41 - STA. 58+59 LT
- 646.81 PAINTED CURB  
STA. 57+48 - STA. 57+78 RT  
(BOTH EDGES OF MEDIAN)

MATCHLINE STA. 56+75.00 - SEE PREVIOUS SHEET

MATCHLINE STA. 62+75.00 - SEE NEXT SHEET

REMOVE AND RECONSTRUCT  
SIDEWALK RAMP TYPE 1,  
EXAMPLE 2 FROM STANDARD  
DRAWING C-3A

- 203.16 SOLID ROCK EXCAVATION  
STA. 58+22 - STA. 58+33 LT  
STA. 58+83 - STA. 58+95 LT
- 618.10 PORTLAND CEMENT  
CONCRETE SIDEWALK, 5 INCH  
STA. 58+22 - STA. 58+33 LT  
STA. 58+83 - STA. 58+95 LT
- 618.30 DETECTABLE WARNING SURFACE  
STA. 58+25 LT  
STA. 58+91 LT

- 646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC  
STA. 57+26 - STA. 58+40 (HATCHED RT)
- 646.652 TEMPORARY 8" YELLOW LINE, PAINT  
STA. 57+26 - STA. 58+40 (HATCHED RT)
- 646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC  
STA. 56+75 - STA. 62+75 (SOLID LT & RT)  
(WITH EDGELINE BREAKS AT WARNER AVE.)  
STA. 56+75 - STA. 62+75 (DASHED LT & RT)
- 646.602 TEMPORARY 4" WHITE LINE, PAINT  
STA. 56+75 - STA. 62+75 (SOLID LT & RT)  
(WITH EDGELINE BREAKS AT WARNER AVE.)  
STA. 56+75 - STA. 62+75 (DASHED LT & RT)
- 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
STA. 58+51 LT "STOP"
- 646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
STA. 58+51 LT "STOP"

- 646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
STA. 56+75 - STA. 57+78 (SOLID RT, AROUND MEDIAN)  
STA. 57+23 - STA. 58+40 (SOLID RT, CENTERLINE)  
STA. 57+78 - STA. 58+40 (SOLID RT, CENTERLINE)  
STA. 58+59 LT (CENTERLINE WARNER AVE.)  
STA. 58+94 - STA. 62+75 (SOLID LT & RT, CENTERLINE)
- 646.612 TEMPORARY 4" YELLOW LINE, PAINT  
STA. 56+75 - STA. 57+78 (SOLID RT, AROUND MEDIAN)  
STA. 57+23 - STA. 58+40 (SOLID RT, CENTERLINE)  
STA. 57+78 - STA. 58+40 (SOLID RT, CENTERLINE)  
STA. 58+59 LT (CENTERLINE WARNER AVE.)  
STA. 58+94 - STA. 62+75 (SOLID LT & RT, CENTERLINE)
- 604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III  
STA. 58+12 RT "TYPE D GRATE"  
STA. 58+13 LT "TYPE D GRATE"  
STA. 60+17 RT "TYPE D GRATE"  
STA. 60+19 LT "TYPE D GRATE"

- 604.42 CHANGING ELEVATION  
OF SEWER MANHOLES  
STA. 58+60 LT
- 629.20 ADJUST ELEVATION  
OF VALVE BOX  
STA. 58+48 LT  
STA. 58+68 LT

<b>LEGEND</b>		<b>SIGN LEGEND</b>	
⊙	HYDRANT	R	= REMOVE
○	MANHOLE	R&S	= REMOVE AND SALVAGE
⊖	WATER VALVE	RET	= RETAIN
⊙	GAS PIPELINE MARKER	S	= SALVAGE
⊠	CATCH BASIN / DROP INLET	N	= NEW
—	CURB INLET	B-B	= BACK TO BACK
⊠	TRAFFIC CONTROL BOX		
⊕	RAILROAD CROSSING SIGNAL		

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

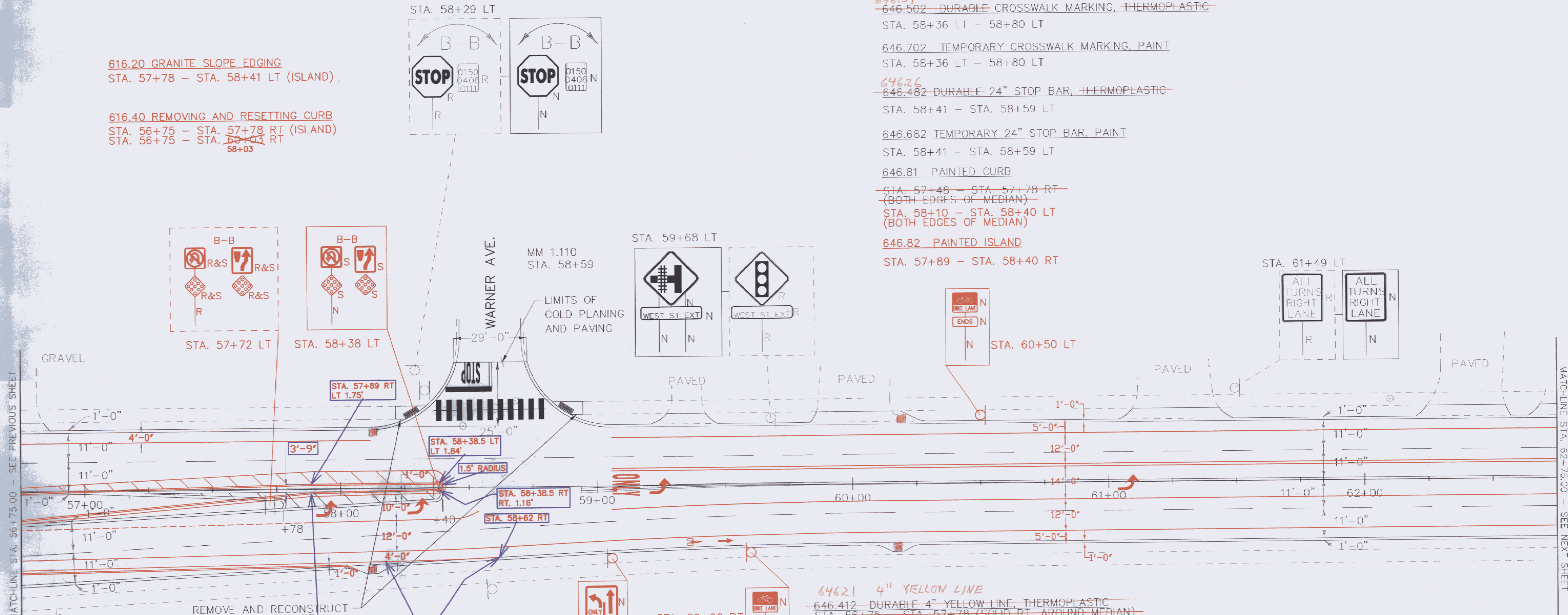
SEE REVISED SHEET  
NOT TO SCALE

<b>PROJECT LAYOUT SHEET 23</b>	PROJECT NAME: COLCHESTER-ESSEX
	PROJECT NUMBER: STP 2616(I)S
	FILE NAME: p06b062.dgn
	PLOT DATE: 30-OCT-2012 12:00
	PROJECT LEADER: EPD
	DESIGNED BY: CDL
	CHECKED BY: EPD
	PLOT FILE: p06b062pl23.i
	SHEET 31 OF \$SH\$

616.20 GRANITE SLOPE EDGING  
STA. 57+78 - STA. 58+41 LT (ISLAND)

616.40 REMOVING AND RESETTING CURB  
STA. 56+75 - STA. 57+78 RT (ISLAND)  
STA. 56+75 - STA. 58+03 RT  
58+03

675.50 REMOVING SIGNS  
AS SHOWN - X 9  
646.31  
~~646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC~~  
STA. 58+36 LT - 58+80 LT  
646.702 TEMPORARY CROSSWALK MARKING, PAINT  
STA. 58+36 LT - 58+80 LT  
646.26  
~~646.482 DURABLE 24" STOP BAR, THERMOPLASTIC~~  
STA. 58+41 - STA. 58+59 LT  
646.682 TEMPORARY 24" STOP BAR, PAINT  
STA. 58+41 - STA. 58+59 LT  
646.81 PAINTED CURB  
~~STA. 57+48 - STA. 57+78 RT~~  
~~(BOTH EDGES OF MEDIAN)~~  
STA. 58+10 - STA. 58+40 LT  
~~(BOTH EDGES OF MEDIAN)~~  
646.82 PAINTED ISLAND  
STA. 57+89 - STA. 58+40 RT



203.16 SOLID ROCK EXCAVATION  
STA. 58+22 - STA. 58+33 LT  
STA. 58+83 - STA. 58+95 LT  
618.10 PORTLAND CEMENT  
CONCRETE SIDEWALK, 5 INCH  
STA. 58+22 - STA. 58+33 LT  
STA. 58+83 - STA. 58+95 LT  
618.30 DETECTABLE WARNING SURFACE  
STA. 58+25 LT  
STA. 58+91 LT

646.20 4" WHITE LINE  
~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~  
STA. 56+75 - STA. 62+75 (SOLID LT & RT)  
(WITH EDGELINE BREAKS AT WARNER AVE.)  
~~STA. 56+75 - STA. 57+90 (DOTTED RT)~~  
~~STA. 57+90 - STA. 58+59 (SOLID RT)~~  
~~STA. 58+59 - STA. 57+87 (DOTTED LT)~~  
~~STA. 56+75 - STA. 62+75 (SOLID RT)~~  
~~STA. 59+06 - STA. 62+75 (SOLID RT)~~  
646.602 TEMPORARY 4" WHITE LINE, PAINT  
STA. 56+75 - STA. 62+75 (SOLID LT & RT)  
(WITH EDGELINE BREAKS AT WARNER AVE.)  
STA. 56+75 - STA. 57+90 (DOTTED RT)  
STA. 57+90 - STA. 58+59 (SOLID RT)  
STA. 56+75 - STA. 57+87 (DOTTED LT)  
STA. 56+75 - STA. 62+75 (SOLID RT)  
STA. 59+06 - STA. 62+75 (SOLID RT)

NOTE: WHITE EDGE LINE  
DISTANCE FROM CURB VARIES  
646.23 8" YELLOW LINE  
~~646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC~~  
~~STA. 57+26 - STA. 58+40 (HATCHED RT)~~  
~~STA. 56+75 - STA. 58+12 (HATCHED LT)~~  
~~646.652 TEMPORARY 8" YELLOW LINE, PAINT~~  
~~STA. 57+26 - STA. 58+40 (HATCHED RT)~~  
~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~  
STA. 56+75 - STA. 62+75 (SOLID LT & RT)  
(WITH EDGELINE BREAKS AT WARNER AVE.)  
~~STA. 56+75 - STA. 62+75 (DASHED LT & RT)~~  
~~646.602 TEMPORARY 4" WHITE LINE, PAINT~~  
STA. 56+75 - STA. 62+75 (SOLID LT & RT)  
(WITH EDGELINE BREAKS AT WARNER AVE.)  
~~STA. 56+75 - STA. 62+75 (DASHED LT & RT)~~  
646.30 LETTER OR SYMBOL  
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
STA. 58+51 LT "STOP" STA. 59+38 RT BIKE  
STA. 57+90 RT ARROW STA. 59+50 RT ARROW  
STA. 58+26 RT ARROW STA. 59+21 CTR ARROW  
STA. 59+06 CTR "ONLY" STA. 61+03 CTR ARROW  
646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
STA. 58+51 LT "STOP" STA. 59+38 RT BIKE  
STA. 57+90 RT ARROW STA. 59+50 RT ARROW  
STA. 58+26 RT ARROW STA. 59+21 CTR ARROW  
STA. 59+06 CTR "ONLY" STA. 61+03 CTR ARROW

646.21 4" YELLOW LINE  
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
~~STA. 56+75 - STA. 57+78 (SOLID RT, AROUND MEDIAN)~~  
~~STA. 57+23 - STA. 58+40 (SOLID RT, CENTERLINE)~~  
~~STA. 57+78 - STA. 58+40 (SOLID RT, CENTERLINE)~~  
~~STA. 58+59 LT (CENTERLINE WARNER AVE.)~~  
~~STA. 58+94 - STA. 62+75 (SOLID LT & RT, CENTERLINE)~~  
~~STA. 56+75 - STA. 58+40 (SOLID LT & RT, AROUND MEDIAN)~~  
~~STA. 59+06 - STA. 62+75 (LT, CENTERLINE)~~  
646.612 TEMPORARY 4" YELLOW LINE, PAINT  
~~STA. 56+75 - STA. 57+78 (SOLID RT, AROUND MEDIAN)~~  
~~STA. 57+23 - STA. 58+40 (SOLID RT, CENTERLINE)~~  
~~STA. 57+78 - STA. 58+40 (SOLID RT, CENTERLINE)~~  
~~STA. 58+59 LT (CENTERLINE WARNER AVE.)~~  
~~STA. 58+94 - STA. 62+75 (SOLID LT & RT, CENTERLINE)~~  
~~STA. 56+75 - STA. 58+40 (SOLID LT & RT, AROUND MEDIAN)~~  
~~STA. 59+06 - STA. 62+75 (LT, CENTERLINE)~~

604.412, 604.415, 604.418 REHAB. DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS 1,  
CLASS II OR CLASS III  
STA. 58+12 RT "TYPE D GRATE"  
STA. 58+13 LT "TYPE D GRATE"  
STA. 60+17 RT "TYPE D GRATE"  
STA. 60+19 LT "TYPE D GRATE"  
~~XXX.XXX REMOVE EXISTING CATCH BASIN~~  
~~STA. 58+12 RT~~  
~~XXX.XXX NEW CATCH BASIN~~  
~~STA. 58+12 RT~~

NOTE:  
1.) ALL SEWER MANHOLE AND VALVE BOX ADJUSTMENTS TO BE DONE BY OTHERS  
UNLESS OTHERWISE NOTED IN THE PLANS.

LEGEND  
○ HYDRANT  
○ MANHOLE  
○ WATER VALVE  
○ GAS PIPELINE MARKER  
□ CATCH BASIN / DROP INLET  
- CURB INLET  
⊠ TRAFFIC CONTROL BOX  
⊕ RAILROAD CROSSING SIGNAL  
SIGN LEGEND  
R = REMOVE  
R&S = REMOVE AND SALVAGE  
RET = RETAIN  
S = SALVAGE  
N = NEW  
B-B = BACK TO BACK

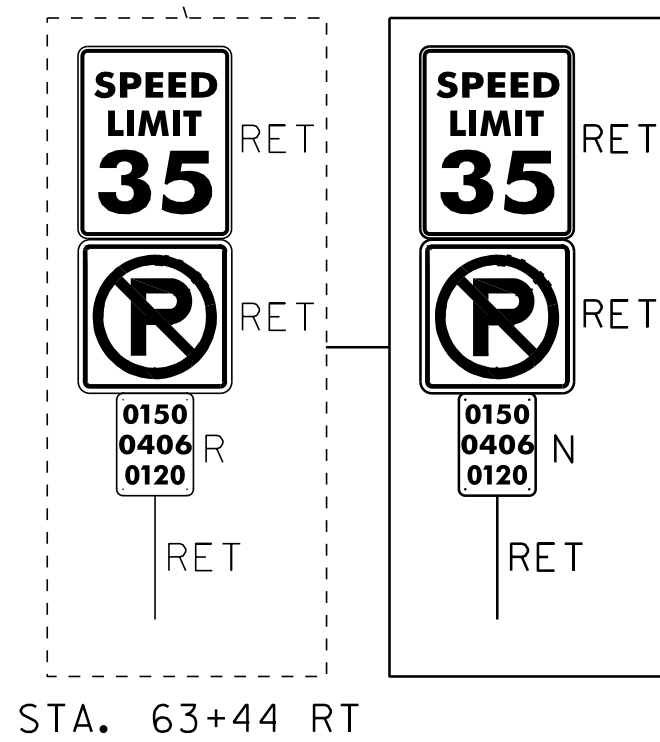
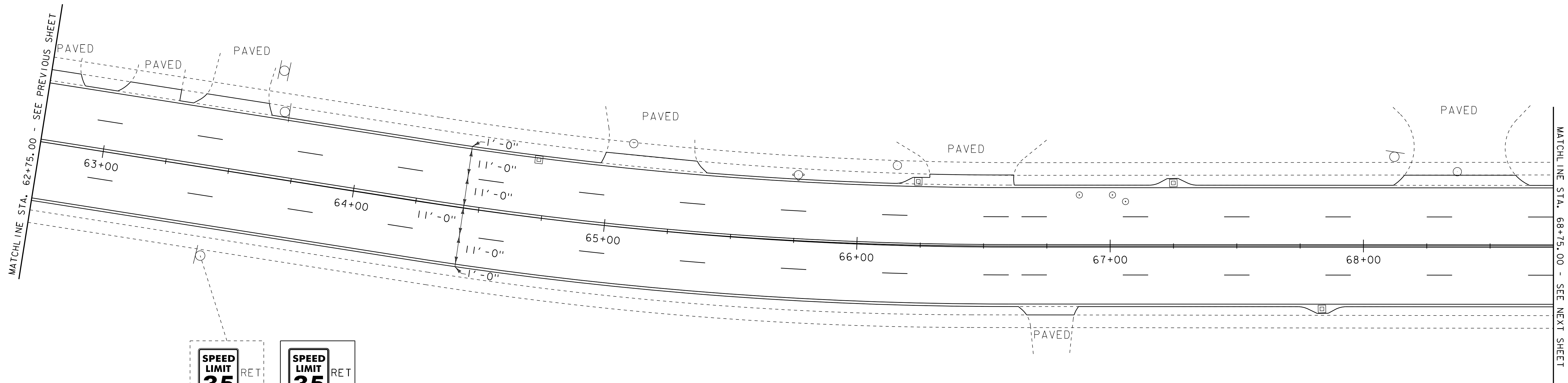
DATUM  
VERTICAL N/A  
HORIZONTAL N/A

PROJECT LAYOUT SHEET 23	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: \$\$\$\$DATE\$\$\$
	PROJECT NUMBER: STP 2616(1)	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	PROJECT LEADER: EPD	SHEET 31 OF 45
	DESIGNED BY: CDL	
	PLOT FILE: p06b062p23.i	

646.214 6" WHITE LINE  
~~646.422 DURABLE 6" WHITE LINE, THERMOPLASTIC~~  
STA. 56+75 - STA. 62+75 (SOLID RT) (BIKE)  
STA. 59+06 - STA. 62+75 (SOLID LT) (BIKE)  
646.662 TEMPORARY 6" WHITE LINE, PAINT  
STA. 56+75 - STA. 62+75 (SOLID RT) (BIKE)  
STA. 59+06 - STA. 62+75 (SOLID LT) (BIKE)

04/13/09  
07/24/09  
07/31/09  
08/01/09

NOT TO SCALE



604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III

STA. 64+71 LT "TYPE D GRATE"  
STA. 66+24 LT "TYPE D GRATE"  
STA. 67+25 LT "TYPE D GRATE"  
STA. 67+84 RT "TYPE D GRATE"

616.40 REMOVING AND RESETTING CURB  
STA. 67+82 - STA. 67+92 RT

629.20 ADJUST ELEVATION  
OF VALVE BOX

STA. 66+88 LT  
STA. 67+01 LT  
STA. 67+06 LT

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 62+75 - STA. 68+75 (SOLID LT & RT)  
STA. 62+75 - STA. 68+75 (DASHED LT & RT)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 62+75 - STA. 68+75 (SOLID LT & RT, CENTERLINE)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 62+75 - STA. 68+75 (SOLID LT & RT)  
STA. 62+75 - STA. 68+75 (DASHED LT & RT)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 62+75 - STA. 68+75 (SOLID LT & RT, CENTERLINE)

675.50 REMOVING SIGNS  
AS SHOWN - I

SEE REVISED SHEET

LEGEND

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

SIGN LEGEND

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

NOT TO SCALE

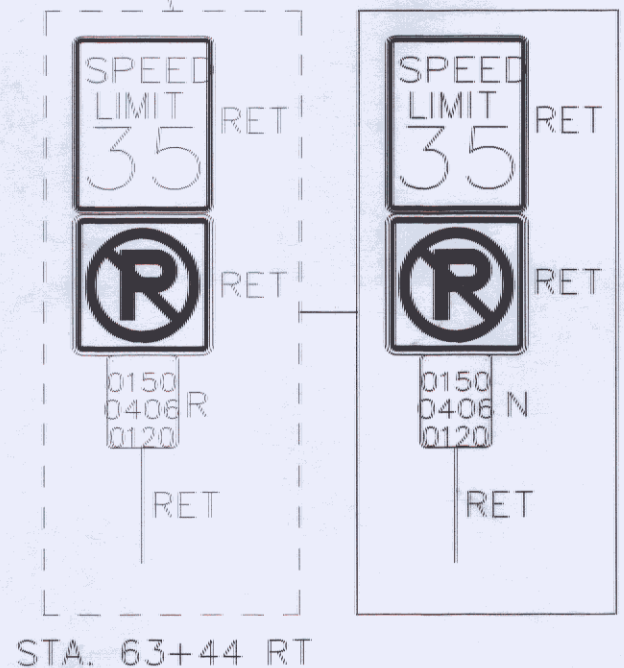
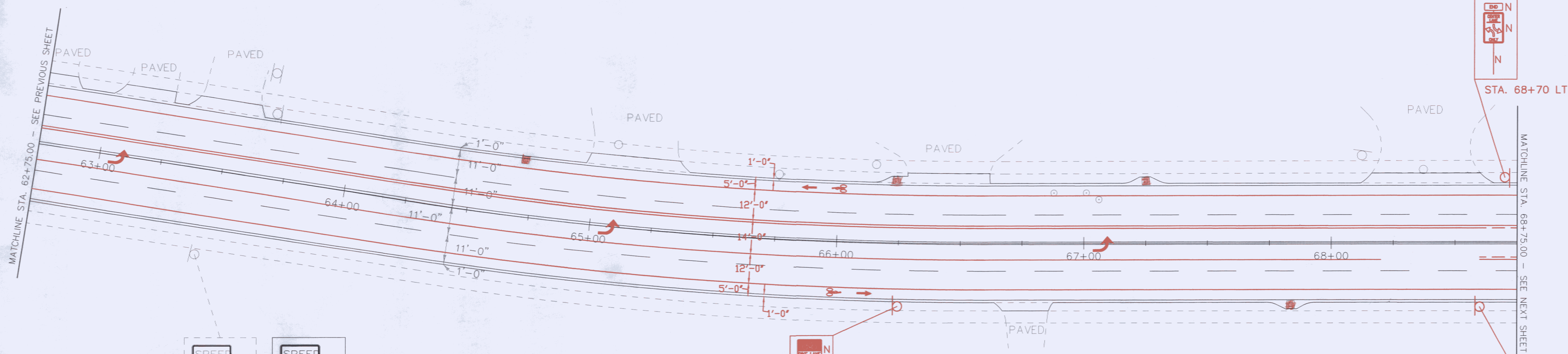
PROJECT LAYOUT SHEET 24

PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(I)S

FILE NAME: p06b062.dgn  
PROJECT LEADER: EPD  
DESIGNED BY: CDL  
PLOT FILE: p06b062pl24.i

PLOT DATE: 30-OCT-2012 12:0  
DRAWN BY: SJL  
CHECKED BY: EPD  
SHEET 32 OF \$SH\$

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



- 646.30  
**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**  
 STA. 63+07 CTR ARROW    STA. 67+07 CTR ARROW  
 STA. 65+07 CTR ARROW  
 STA. 65+88 LT ARROW  
 STA. 66+00 LT BIKE  
 STA. 66+00 RT BIKE  
 STA. 66+12 RT ARROW
- 646.692 **TEMPORARY LETTER OR SYMBOL, PAINT**  
 STA. 63+07 CTR ARROW    STA. 67+07 CTR ARROW  
 STA. 65+07 CTR ARROW  
 STA. 65+88 LT ARROW  
 STA. 66+00 LT BIKE  
 STA. 66+00 RT BIKE  
 STA. 66+12 RT ARROW

- 604.412, 604.415, 604.418 REHAB. DROP  
 INLETS, CATCH BASINS, OR MANHOLES, CLASS 1,  
 CLASS II OR CLASS III  
 STA. 64+71 LT TYPE D GRATE  
 STA. 66+24 LT TYPE D GRATE  
 STA. 67+25 LT TYPE D GRATE  
 STA. 67+84 RT TYPE D GRATE

- 616.40 REMOVING AND RESETING CURB  
 STA. 67+82 - STA. 67+92 RT

- 646.20  
**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**  
 STA. 62+75 - STA. 68+75 (SOLID LT & RT) 1200  
 STA. 62+75 - STA. 68+75 (DASHED LT & RT) 1745  
 STA. 62+75 - STA. 68+20 (SOLID RT) 545

- 646.21  
**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**  
 STA. 62+75 - STA. 68+75 (SOLID LT & RT, CENTERLINE) 1200  
 STA. 62+75 - STA. 68+60 (SOLID LT, CENTERLINE) 1170  
 STA. 68+60 - STA. 68+75 (SOLID LT & RT) 30  
 STA. 68+60 - STA. 68+75 (DASHED LT & RT) 1210

- 646.214  
**646.422 DURABLE 6" WHITE LINE, THERMOPLASTIC**  
 STA. 62+75 - STA. 68+75 (SOLID LT & RT) (BIKE) 1200

NOTE:  
 1.) ALL VALVE BOX ADJUSTMENTS TO BE DONE BY OTHERS

STA. 66+25 RT

- 646.602 **TEMPORARY 4" WHITE LINE, PAINT**  
 STA. 62+75 - STA. 68+75 (SOLID LT & RT)  
 STA. 62+75 - STA. 68+75 (DASHED LT & RT)  
 STA. 62+75 - STA. 68+20 (SOLID RT)

- 646.612 **TEMPORARY 4" YELLOW LINE, PAINT**  
 STA. 62+75 - STA. 68+75 (SOLID LT & RT, CENTERLINE)  
 STA. 62+75 - STA. 68+60 (SOLID LT, CENTERLINE)  
 STA. 68+60 - STA. 68+75 (SOLID LT & RT)  
 STA. 68+60 - STA. 68+75 (DASHED LT & RT)

- 646.622 **TEMPORARY 6" WHITE LINE, PAINT**  
 STA. 62+75 - STA. 68+75 (SOLID LT & RT) (BIKE)

- 675.50 REMOVING SIGNS  
 AS SHOWN - 1

- LEGEND
- HYDRANT
  - MANHOLE
  - WATER VALVE
  - GAS PIPELINE MARKER
  - CATCH BASIN / DROP INLET
  - CURB INLET
  - ⊠ TRAFFIC CONTROL BOX
  - ⊕ RAILROAD CROSSING SIGNAL

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

NOTE:  
 REVISIONS IN RED REPRESENT  
 PROPOSED MODIFICATIONS REQUESTED  
 BY THE VILLAGE OF ESSEX JUNCTION

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

PROJECT LAYOUT SHEET 24	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: \$\$\$DATE\$\$\$
	PROJECT NUMBER: STP 2616(1)	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	PROJECT LEADER: EPD	SHEET 32 OF 45
	DESIGNED BY: CDL	
	PLOT FILE: p06b062pl24.i	

203.16 SOLID ROCK EXCAVATION

STA. 71+42 - STA. 71+52 LT  
 STA. 71+84 - STA. 71+93 LT

604.412, 604.415, 604.418 REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II OR CLASS III

STA. 70+16 LT "TYPE D GRATE"  
 STA. 70+17 RT "TYPE D GRATE"  
 STA. 72+17 RT "TYPE D GRATE"  
 STA. 72+26 LT "TYPE D GRATE"  
 STA. 74+13 LT "TYPE D GRATE"  
 STA. 74+24 RT "TYPE D GRATE"

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 71+70 LT  
 STA. 72+52 RT

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

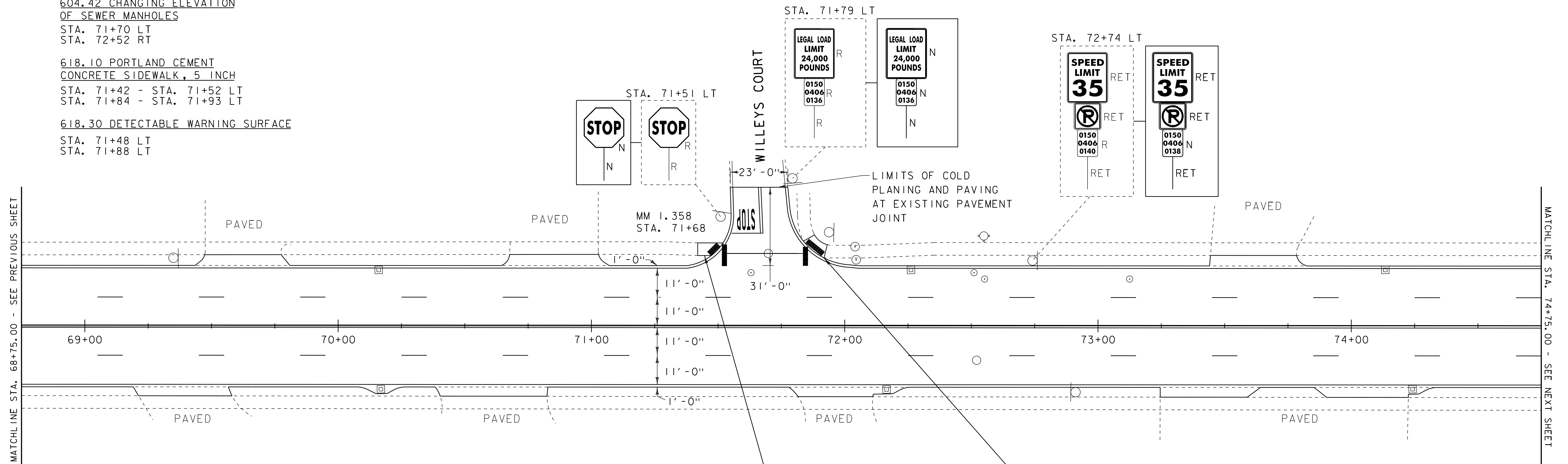
STA. 71+42 - STA. 71+52 LT  
 STA. 71+84 - STA. 71+93 LT

618.30 DETECTABLE WARNING SURFACE

STA. 71+48 LT  
 STA. 71+88 LT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 71+63 LT  
 STA. 72+51 LT  
 STA. 72+55 LT  
 STA. 73+12 LT



646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 68+75 - STA. 74+75 (SOLID LT & RT)  
 (WITH EDGELINE BREAKS AT WILLEYS COURT)  
 STA. 68+75 - STA. 74+75 (DASHED LT & RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 68+75 - STA. 74+75 (SOLID LT & RT)  
 (WITH EDGELINE BREAKS AT WILLEYS COURT)  
 STA. 68+75 - STA. 74+75 (DASHED LT & RT)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 68+75 - STA. 74+75 (SOLID LT & RT, CENTERLINE)  
 STA. 71+68 LT (CENTERLINE, WILLEYS COURT)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 68+75 - STA. 74+75 (SOLID LT & RT, CENTERLINE)  
 STA. 71+68 LT (CENTERLINE, WILLEYS COURT)

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC

STA. 71+55 - STA. 71+68 LT

646.682 TEMPORARY 24" STOP BAR, PAINT

STA. 71+55 - STA. 71+68 LT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 71+61 LT "STOP"

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 71+61 LT "STOP"

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC

STA. 71+51 LT - 71+85 LT

646.702 TEMPORARY CROSSWALK MARKING, PAINT

STA. 71+51 LT - 71+85 LT

675.50 REMOVING SIGNS

AS SHOWN - 4

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM STANDARD DRAWING C-3B

LEGEND		SIGN LEGEND	
○	HYDRANT	R	= REMOVE
○	MANHOLE	R&S	= REMOVE AND SALVAGE
○	WATER VALVE	RET	= RETAIN
○	GAS PIPELINE MARKER	S	= SALVAGE
□	CATCH BASIN / DROP INLET	N	= NEW
—	CURB INLET	B-B	= BACK TO BACK
⊞	TRAFFIC CONTROL BOX		
⊕	RAILROAD CROSSING SIGNAL		

SEE REVISED SHEET

NOT TO SCALE

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

<b>PROJECT LAYOUT SHEET 25</b>	PROJECT NAME: COLCHESTER-ESSEX
	PROJECT NUMBER: STP 2616(I)S
	FILE NAME: p06b062.dgn
	PLOT DATE: 30-OCT-2012 12:00
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: p06b062pl25.i	SHEET 33 OF \$SH\$

203.16 SOLID ROCK EXCAVATION  
 STA. 71+42 - STA. 71+52 LT  
 STA. 71+84 - STA. 71+93 LT

604.412, 604.415, 604.418 REHAB. DROP  
 INLETS, CATCH BASINS, OR MANHOLES, CLASS 1,  
 CLASS II OR CLASS III

STA. 70+16 LT TYPE D GRATE"  
 STA. 70+17 RT TYPE D GRATE"  
 STA. 72+17 RT TYPE D GRATE"  
 STA. 72+26 LT TYPE D GRATE"  
 STA. 74+13 LT TYPE D GRATE"  
 STA. 74+24 RT TYPE D GRATE"

618.10 PORTLAND CEMENT  
 CONCRETE SIDEWALK, 5 INCH  
 STA. 71+42 - STA. 71+52 LT  
 STA. 71+84 - STA. 71+93 LT

618.30 DETECTABLE WARNING SURFACE  
 STA. 71+48 LT  
 STA. 71+88 LT

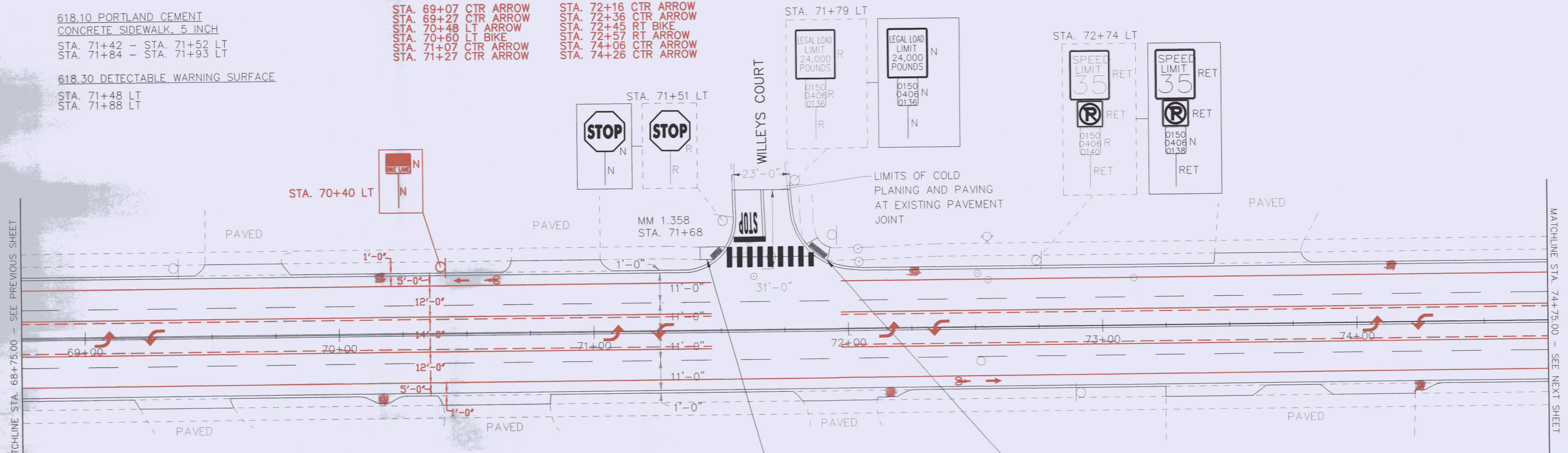
~~646.30~~  
~~646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC~~

STA. 69+07 CTR ARROW  
 STA. 69+27 CTR ARROW  
 STA. 70+48 LT ARROW  
 STA. 70+60 LT BIKE  
 STA. 71+07 CTR ARROW  
 STA. 71+27 CTR ARROW  
 STA. 72+16 CTR ARROW  
 STA. 72+36 CTR ARROW  
 STA. 72+45 RT BIKE  
 STA. 72+57 RT ARROW  
 STA. 74+06 CTR ARROW  
 STA. 74+26 CTR ARROW

~~646.692 TEMPORARY LETTER OR SYMBOL, PAINT~~

STA. 69+07 CTR ARROW  
 STA. 69+27 CTR ARROW  
 STA. 70+48 LT ARROW  
 STA. 70+60 LT BIKE  
 STA. 71+07 CTR ARROW  
 STA. 71+27 CTR ARROW  
 STA. 72+16 CTR ARROW  
 STA. 72+36 CTR ARROW  
 STA. 72+45 RT BIKE  
 STA. 72+57 RT ARROW  
 STA. 74+06 CTR ARROW  
 STA. 74+26 CTR ARROW

616.21 VERTICAL GRANITE CURB  
 STA. 72+95 - STA. 73+25 RT



~~646.20~~  
~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~

STA. 68+75 - STA. 74+75 (SOLID LT & RT) 1/200  
 (WITH EDGELINE BREAKS AT WILLEYS COURT)  
~~STA. 68+75 - STA. 74+75 (DASHED LT & RT)~~

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 68+75 - STA. 74+75 (SOLID LT & RT)  
 (WITH EDGELINE BREAKS AT WILLEYS COURT)  
~~STA. 68+75 - STA. 74+75 (DASHED LT & RT)~~

~~646.21~~  
~~646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC~~

~~STA. 68+75 - STA. 74+75 (SOLID LT & RT, CENTERLINE)~~  
~~STA. 71+68 LT (CENTERLINE, WILLEYS COURT) 40~~  
 STA. 68+75 - STA. 71+46 (SOLID LT & RT) 5/2  
 STA. 68+75 - STA. 71+46 (DASHED LT & RT) 1/40  
 STA. 71+97 - STA. 74+75 (SOLID LT & RT) 1/40  
 STA. 71+97 - STA. 74+75 (DASHED LT & RT) 1/40

646.612 TEMPORARY 4" YELLOW LINE, PAINT

~~STA. 68+75 - STA. 74+75 (SOLID LT & RT, CENTERLINE)~~  
~~STA. 71+68 LT (CENTERLINE, WILLEYS COURT)~~  
 STA. 68+75 - STA. 71+46 (SOLID LT & RT)  
 STA. 68+75 - STA. 71+46 (DASHED LT & RT)  
 STA. 71+97 - STA. 74+75 (SOLID LT & RT)  
 STA. 71+97 - STA. 74+75 (DASHED LT & RT)

~~646.26~~  
~~646.482 DURABLE 24" STOP BAR, THERMOPLASTIC~~

STA. 71+55 - STA. 71+68 LT 1/2

~~646.214~~  
~~646.422 DURABLE 6" WHITE LINE, THERMOPLASTIC~~

STA. 68+75 - STA. 74+75 (SOLID LT & RT) (BIKE) 1/200  
 (WITH EDGELINE BREAKS AT WILLEYS COURT)

646.682 TEMPORARY 24" STOP BAR, PAINT

STA. 71+55 - STA. 71+68 LT

~~646.30~~  
~~646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC~~

646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
 STA. 71+61 LT "STOP"

~~646.31~~  
~~646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC~~

STA. 71+51 LT - 71+85 LT 40

646.702 TEMPORARY CROSSWALK MARKING, PAINT

STA. 71+51 LT - 71+85 LT

675.50 REMOVING SIGNS  
 AS SHOWN - 4

646.622 TEMPORARY 6" WHITE LINE, PAINT

STA. 68+75 - STA. 74+75 (SOLID LT & RT) (BIKE)  
 (WITH EDGELINE BREAKS AT WILLEYS COURT)

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

LEGEND

- HYDRANT
- MANHOLE
- WATER VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

SIGN LEGEND

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

NOTE:  
 REVISIONS IN RED REPRESENT  
 PROPOSED MODIFICATIONS REQUESTED  
 BY THE VILLAGE OF ESSEX JUNCTION

PROJECT LAYOUT SHEET 25	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: \$\$\$DATE\$\$\$
	PROJECT NUMBER: STP 2616(1)	DRAWN BY: S.JL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	PROJECT LEADER: EPD	SHEET 33 OF 45
	DESIGNED BY: CDL	
	PLOT FILE: p06b062pl25.i	

NOT TO SCALE

604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
CLASS II OR CLASS III

STA. 76+28 LT "TYPE D GRATE"  
STA. 76+29 RT "TYPE D GRATE"  
STA. 78+27 LT "TYPE D GRATE"  
STA. 78+31 RT "TYPE D GRATE"  
STA. 80+43 LT "TYPE D GRATE"  
STA. 80+44 RT "TYPE D GRATE"

604.42 CHANGING ELEVATION  
OF SEWER MANHOLES

STA. 75+13 RT  
STA. 78+78 RT

629.20 ADJUST ELEVATION  
OF VALVE BOX

STA. 78+04 LT  
STA. 80+43 LT

616.21 VERTICAL GRANITE CURB  
STA. 75+37 - STA. 75+74 LT

616.40 REMOVING AND RESETTING CURB  
STA. 80+43 - STA. 80+53 RT

616.41 REMOVAL OF EXISTING CURB  
STA. 75+37 - STA. 75+74 LT  
STA. 76+00 - STA. 76+35 LT

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 74+75 - STA. 80+06 (DASHED LT)  
STA. 74+75 - STA. 76+18 (DASHED RT)  
STA. 74+75 - STA. 80+75 (SOLID LT & RT)  
STA. 80+06 - STA. 80+75 (SOLID LT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 74+75 - STA. 80+06 (DASHED LT)  
STA. 74+75 - STA. 76+18 (DASHED RT)  
STA. 74+75 - STA. 80+75 (SOLID LT & RT)  
STA. 80+06 - STA. 80+75 (SOLID LT)

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 74+75 - STA. 80+75 (SOLID LT & RT, CENTERLINE)  
STA. 79+07 - STA. 80+75 (SOLID RT, CENTERLINE)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 74+75 - STA. 80+75 (SOLID LT & RT, CENTERLINE)  
STA. 79+07 - STA. 80+75 (SOLID RT, CENTERLINE)

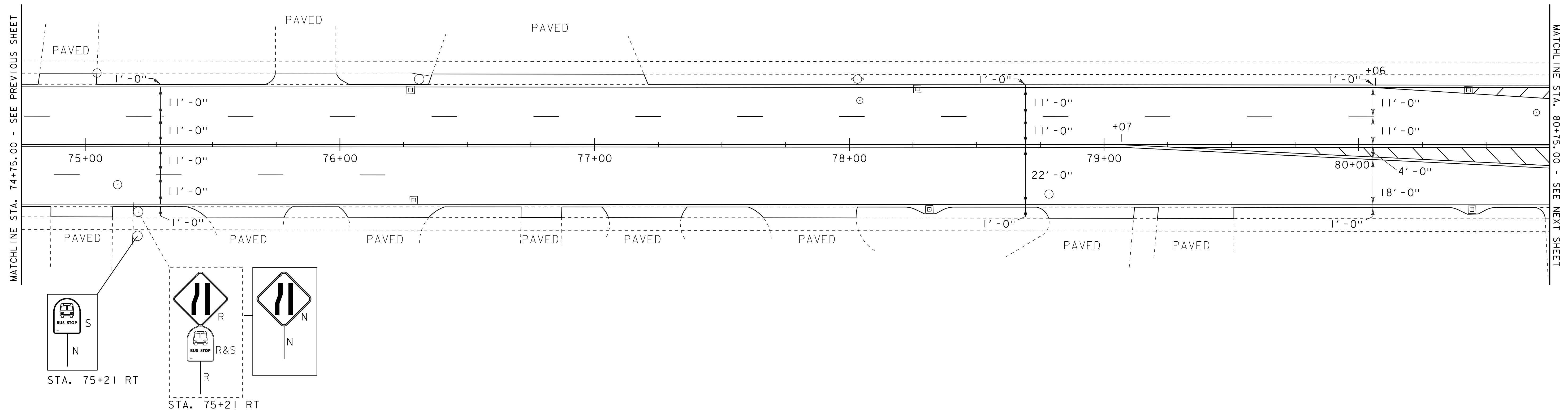
646.442 DURABLE 8" WHITE LINE, THERMOPLASTIC  
STA. 80+06 - STA. 80+75 (HATCHED LT)

646.642 TEMPORARY 8" WHITE LINE, PAINT  
STA. 80+06 - STA. 80+75 (HATCHED LT)

646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC  
STA. 79+07 - STA. 80+75 (HATCHED RT)

646.652 TEMPORARY 8" YELLOW LINE, PAINT  
STA. 79+07 - STA. 80+75 (HATCHED RT)

675.50 REMOVING SIGNS  
AS SHOWN - 2



SEE REVISED SHEET

NOT TO SCALE

<b>LEGEND</b>		<b>SIGN LEGEND</b>	
⊕	HYDRANT	R	= REMOVE
○	MANHOLE	R&S	= REMOVE AND SALVAGE
⊙	WATER VALVE	RET	= RETAIN
⊙	GAS PIPELINE MARKER	S	= SALVAGE
⊠	CATCH BASIN / DROP INLET	N	= NEW
—	CURB INLET	B-B	= BACK TO BACK
⊠	TRAFFIC CONTROL BOX		
⊕	RAILROAD CROSSING SIGNAL		

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

<b>PROJECT LAYOUT SHEET 26</b>	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:00
	PROJECT NUMBER: STP 2616(I)S	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	PROJECT LEADER: EPD	SHEET 34 OF \$SH\$
DESIGNED BY: CDL		
PLOT FILE: p06b062pl26.i		

604.412, 604.415, 604.418 REHAB, DROP  
INLETS, CATCH BASINS, OR MANHOLES, CLASS 1,  
CLASS II OR CLASS III  
STA. 76+28 LT "TYPE D GRATE"  
STA. 76+29 RT "TYPE D GRATE"  
STA. 78+27 LT "TYPE D GRATE"  
STA. 78+31 RT "TYPE D GRATE"  
STA. 80+43 LT "TYPE D GRATE"  
STA. 80+44 RT "TYPE D GRATE"

616.21 VERTICAL GRANITE CURB  
STA. 75+37 - STA. 75+74 LT

616.40 REMOVING AND RESETING CURB  
STA. 80+43 - STA. 80+53 RT

616.41 REMOVAL OF EXISTING CURB  
STA. 75+37 - STA. 75+74 LT  
STA. 76+00 - STA. 76+35 LT

~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~

~~STA. 74+75 - STA. 80+06 (DASHED LT)~~  
~~STA. 74+75 - STA. 76+18 (DASHED RT)~~  
~~STA. 74+75 - STA. 80+75 (SOLID LT & RT) 1200~~  
~~STA. 80+06 - STA. 80+75 (SOLID LT)~~  
~~STA. 77+21 - STA. 80+00 (SOLID LT) 219~~  
~~STA. 80+00 - STA. 80+75 (DOTTED LT) 24~~

646.602 TEMPORARY 4" WHITE LINE, PAINT

~~STA. 74+75 - STA. 80+06 (DASHED LT)~~  
~~STA. 74+75 - STA. 76+18 (DASHED RT)~~  
~~STA. 74+75 - STA. 80+75 (SOLID LT & RT)~~  
~~STA. 80+06 - STA. 80+75 (SOLID LT)~~  
~~STA. 77+21 - STA. 80+00 (SOLID LT)~~  
~~STA. 80+00 - STA. 80+75 (DOTTED LT)~~

~~646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC~~

~~STA. 74+75 - STA. 80+75 (SOLID LT & RT, CENTERLINE)~~  
~~STA. 79+07 - STA. 80+75 (SOLID RT, CENTERLINE)~~  
~~STA. 74+75 - STA. 76+35 (SOLID LT & RT) 520~~  
~~STA. 74+75 - STA. 76+35 (DASHED LT & RT) 80~~  
~~STA. 77+21 - STA. 80+75 (SOLID RT, CENTERLINE) 708~~  
~~STA. 80+00 - STA. 80+75 (SOLID RT, CENTERLINE) 150~~

~~646.442 DURABLE 6" WHITE LINE, THERMOPLASTIC~~  
~~STA. 80+06 - STA. 80+75 (HATCHED LT)~~

~~646.642 TEMPORARY 8" WHITE LINE, PAINT~~  
~~STA. 80+06 - STA. 80+75 (HATCHED LT)~~

~~646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC~~  
~~STA. 79+07 - STA. 80+75 (HATCHED RT) 45~~

646.652 TEMPORARY 8" YELLOW LINE, PAINT  
STA. 79+07 - STA. 80+75 (HATCHED RT)

675.50 REMOVING SIGNS  
AS SHOWN - X 3

NOTE:

1.) ALL SEWER MANHOLE AND VALVE BOX ADJUSTMENTS TO BE DONE BY OTHERS UNLESS OTHERWISE NOTED IN THE PLANS.

646.612 TEMPORARY 4" YELLOW LINE, PAINT

~~STA. 74+75 - STA. 80+75 (SOLID LT & RT, CENTERLINE)~~  
~~STA. 79+07 - STA. 80+75 (SOLID RT, CENTERLINE)~~  
~~STA. 74+75 - STA. 76+35 (SOLID LT & RT)~~  
~~STA. 74+75 - STA. 76+35 (DASHED LT & RT)~~  
~~STA. 77+21 - STA. 80+75 (SOLID RT, CENTERLINE)~~  
~~STA. 80+00 - STA. 80+75 (SOLID RT, CENTERLINE)~~

646.70

~~646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC~~

~~STA. 75+96 CTR ARROW~~     ~~STA. 77+65 RT ARROW~~  
~~STA. 76+16 CTR ARROW~~     ~~STA. 77+80 CTR ARROW~~  
~~STA. 77+35 LT BIKE~~     ~~STA. 77+93 CTR ONLY~~  
~~STA. 77+47 LT BIKE~~     ~~STA. 79+89 CTR ARROW~~  
~~STA. 77+53 RT BIKE~~     ~~STA. 79+95 CTR ONLY~~

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 75+96 CTR ARROW     STA. 77+65 RT "LANE"  
STA. 76+16 CTR ARROW     STA. 77+80 CTR ARROW  
STA. 77+35 LT "LANE"     STA. 77+93 CTR ONLY  
STA. 77+47 LT "BIKE"     STA. 79+89 CTR ARROW  
STA. 77+53 RT "BIKE"     STA. 79+95 CTR ONLY

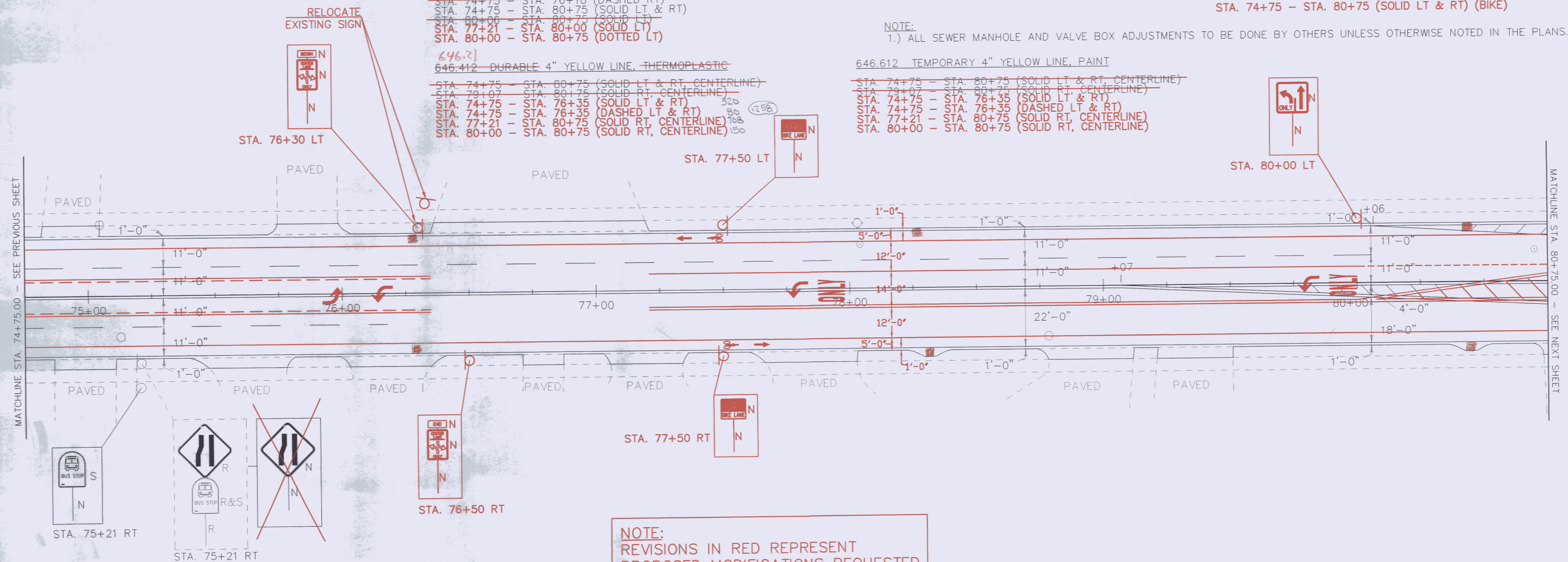
646.714

~~646.422 DURABLE 6" WHITE LINE, THERMOPLASTIC~~

~~STA. 74+75 - STA. 80+75 (SOLID LT & RT) (BIKE) 1200~~

~~646.622 TEMPORARY 6" WHITE LINE, PAINT~~

~~STA. 74+75 - STA. 80+75 (SOLID LT & RT) (BIKE)~~



NOTE:  
REVISIONS IN RED REPRESENT  
PROPOSED MODIFICATIONS REQUESTED  
BY THE VILLAGE OF ESSEX JUNCTION

LEGEND	
○	HYDRANT
○	MANHOLE
○	WATER VALVE
○	GAS PIPELINE MARKER
□	CATCH BASIN / DROP INLET
—	CURB INLET
⊠	TRAFFIC CONTROL BOX
⊕	RAILROAD CROSSING SIGNAL
SIGN LEGEND	
R	= REMOVE
R&S	= REMOVE AND SALVAGE
RET	= RETAIN
S	= SALVAGE
N	= NEW
B-B	= BACK TO BACK

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

PROJECT LAYOUT SHEET 26	PROJECT NAME: COLCHESTER-ESSEX
	PROJECT NUMBER: STP 2616(1)
FILE NAME: p06b062.dgn	PLOT DATE: \$\$\$DATE\$\$\$
PROJECT LEADER: EPD	DRAWN BY: S.JL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: p06b062pl26.i	SHEET 34 OF 45

04/13/09

**203.16 SOLID ROCK EXCAVATION**

STA. 82+88 - STA. 83+06 RT  
 STA. 82+92 - STA. 83+02 LT  
 STA. 82+92 - STA. 83+02 LT

**604.412, 604.415, 604.418 REHAB. DROP  
 INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
 CLASS II OR CLASS III**

STA. 81+91 RT "TYPE D GRATE"  
 STA. 81+92 LT "TYPE D GRATE"

**604.42 CHANGING ELEVATION  
 OF SEWER MANHOLES**

STA. 81+42 RT  
 STA. 82+44 RT

**618.10 PORTLAND CEMENT  
 CONCRETE SIDEWALK, 5 INCH**

STA. 82+88 - STA. 83+06 RT  
 STA. 82+92 - STA. 83+02 LT  
 STA. 82+92 - STA. 83+02 LT

**618.30 DETECTABLE WARNING SURFACE**

STA. 82+97 RT  
 STA. 82+97 LT  
 STA. 82+97 LT

REMOVE AND RECONSTRUCT  
 MEDIAN ISLAND CUT-THROUGH  
 SIDEWALK RAMP FROM STANDARD  
 DRAWING C-3B

REMOVE AND RECONSTRUCT  
 SIDEWALK RAMP TYPE 2  
 FROM STANDARD DRAWING C-3A

ESSEX STA. 83+14.00 = MM 1.575  
 END PROJECT STP 2616 (1) S

**646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC**

STA. 80+75 - STA. 83+14 (SOLID LT & RT)  
 STA. 80+75 - STA. 82+01 (SOLID LT)  
 STA. 81+91 - STA. 82+45 (SOLID RT)  
 STA. 82+57 - STA. 83+14 (SOLID LT, WITH BREAK AT CROSSWALK)  
 STA. 82+77 - STA. 83+14 (SOLID RT, WITH BREAK AT CROSSWALK)

**646.602 TEMPORARY 4" WHITE LINE, PAINT**

STA. 80+75 - STA. 83+14 (SOLID LT & RT)  
 STA. 80+75 - STA. 82+01 (SOLID LT)  
 STA. 81+91 - STA. 82+45 (SOLID RT)  
 STA. 82+57 - STA. 83+14 (SOLID LT, WITH BREAK AT CROSSWALK)  
 STA. 82+77 - STA. 83+14 (SOLID RT, WITH BREAK AT CROSSWALK)

**646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC**

STA. 80+75 - STA. 81+42 (SOLID LT & RT, CENTERLINE)  
 STA. 80+75 - STA. 81+42 (SOLID RT, CENTERLINE)  
 STA. 81+91 - STA. 82+40 (SOLID RT, CENTERLINE)  
 STA. 82+77 - STA. 83+22 (SOLID RT, CENTERLINE, WITH BREAK AT CROSSWALK)

**646.612 TEMPORARY 4" YELLOW LINE, PAINT**

STA. 80+75 - STA. 81+42 (SOLID LT & RT, CENTERLINE)  
 STA. 80+75 - STA. 81+42 (SOLID RT, CENTERLINE)  
 STA. 81+91 - STA. 82+40 (SOLID RT, CENTERLINE)  
 STA. 82+77 - STA. 83+22 (SOLID RT, CENTERLINE, WITH BREAK AT CROSSWALK)

**646.442 DURABLE 8" WHITE LINE, THERMOPLASTIC**

STA. 80+75 - STA. 82+01 (HATCHED LT)  
 STA. 82+57 - STA. 83+14 (HATCHED LT, WITH BREAK AT CROSSWALK)

**646.642 TEMPORARY 8" WHITE LINE, PAINT**

STA. 80+75 - STA. 82+01 (HATCHED LT)  
 STA. 82+57 - STA. 83+14 (HATCHED LT, WITH BREAK AT CROSSWALK)

**646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC**

STA. 80+75 - STA. 81+42 (HATCHED RT)

**646.652 TEMPORARY 8" YELLOW LINE, PAINT**

STA. 80+75 - STA. 81+42 (HATCHED RT)

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC**

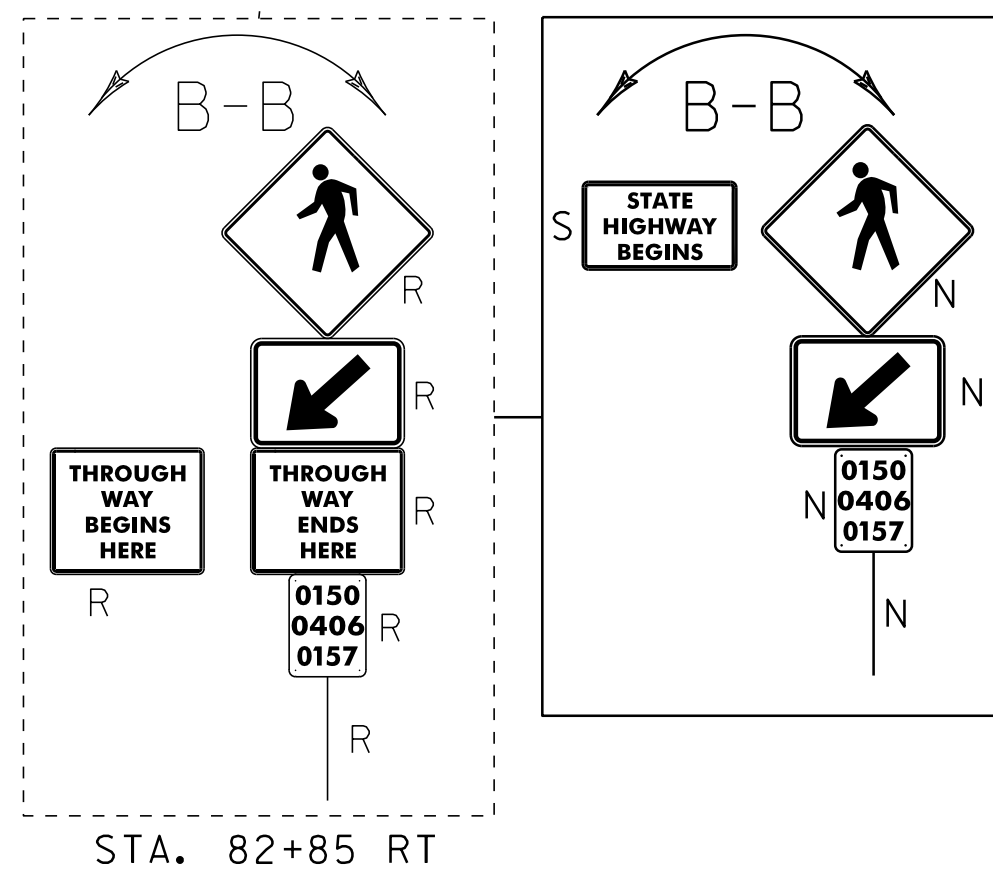
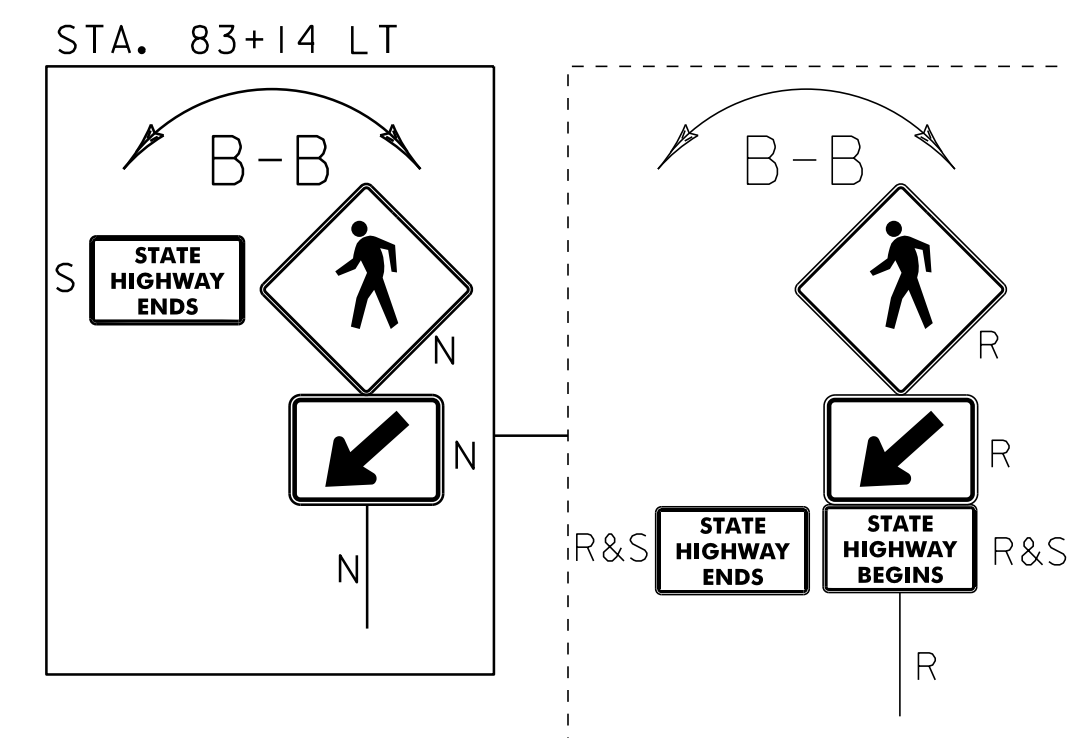
STA. 81+97 RT ARROW  
 STA. 82+42 RT "ONLY"  
 STA. 83+09 RT ARROW

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 81+97 RT ARROW  
 STA. 82+42 RT "ONLY"  
 STA. 83+09 RT ARROW

**646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC**

STA. 82+97 (LT & RT)



SEE REVISED SHEET

**646.702 TEMPORARY CROSSWALK MARKING, PAINT**

STA. 82+97 (LT & RT)

**675.50 REMOVING SIGNS**

AS SHOWN - 9

**675.60 ERECTING SALVAGED SIGNS**

AS SHOWN - 2

**LEGEND**

⊙	HYDRANT		
○	MANHOLE		
⊖	GAS PIPELINE MARKER		
⊠	CATCH BASIN / DROP INLET		
—	CURB INLET		
⊞	TRAFFIC CONTROL BOX		
⊕	RAILROAD CROSSING SIGNAL		
		<b>SIGN LEGEND</b>	
		R = REMOVE	
		R&S = REMOVE AND SALVAGE	
		RET = RETAIN	
		S = SALVAGE	
		N = NEW	
		B-B = BACK TO BACK	

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

**PROJECT LAYOUT SHEET 27**

PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(1)S

FILE NAME: p06b062.dgn  
 PROJECT LEADER: EPD  
 DESIGNED BY: CDL  
 PLOT FILE: p06b062pl27.i

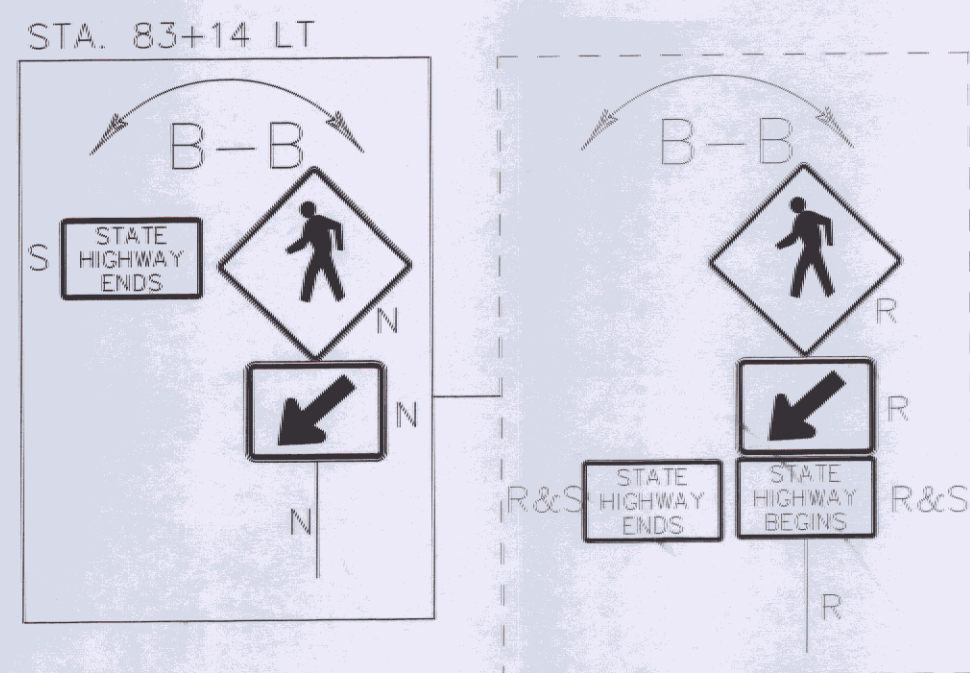
PLOT DATE: 30-OCT-2012 12:00  
 DRAWN BY: SJL  
 CHECKED BY: EPD  
 SHEET 35 OF \$SH\$

203.16 SOLID ROCK EXCAVATION  
 STA. 82+88 - STA. 83+06 RT  
 STA. 82+92 - STA. 83+02 LT

604.412, 604.415, 604.418 REHAB. DROP  
 INLETS, CATCH BASINS, OR MANHOLES, CLASS I,  
 CLASS II OR CLASS III  
 STA. 81+91 RT TYPE D GRATE,  
 STA. 81+92 LT TYPE D GRATE

618.10 PORTLAND CEMENT  
 CONCRETE SIDEWALK, 5 INCH  
 STA. 82+88 - STA. 83+06 RT  
 STA. 82+92 - STA. 83+02 LT STA. 82+92 - STA. 83+02 LT

618.30 DETECTABLE WARNING SURFACE  
 STA. 82+97 RT  
 STA. 82+97 LT STA. 82+97 LT REMOVE AND RECONSTRUCT  
 MEDIAN ISLAND CUT-THROUGH  
 SIDEWALK RAMP FROM STANDARD  
 DRAWING C-3B



NOTE:  
 1.) ALL SEWER MANHOLE ADJUSTMENTS TO BE DONE BY OTHERS UNLESS OTHERWISE NOTED IN THE PLANS.

~~646.214~~  
~~646.422 DURABLE 6" WHITE LINE, THERMOPLASTIC~~  
~~STA. 80+75 - STA. 84+25 (SOLID LT & RT, WITH BREAK AT CROSSWALK) (BIKE)~~ 100  
~~646.622 TEMPORARY 6" WHITE LINE, PAINT~~  
~~STA. 80+75 - STA. 84+25 (SOLID LT & RT, WITH BREAK AT CROSSWALK) (BIKE)~~

~~646.20~~  
~~646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC~~  
~~STA. 80+75 - STA. 83+14 (SOLID LT & RT) 478~~  
~~STA. 80+75 - STA. 82+01 (SOLID LT)~~  
~~STA. 81+91 - STA. 82+45 (SOLID RT)~~  
~~STA. 82+57 - STA. 83+14 (SOLID LT, WITH BREAK AT CROSSWALK)~~  
~~STA. 82+77 - STA. 83+14 (SOLID RT, WITH BREAK AT CROSSWALK)~~  
~~STA. 83+14 - STA. 84+25 (SOLID LT & RT) 222~~ 802  
~~STA. 81+91 - STA. 82+45 (SOLID LT) 5A~~  
~~STA. 82+77 - STA. 83+25 (SOLID LT, WITH BREAK AT CROSSWALK) 40~~  
~~STA. 80+75 - STA. 81+00 (DOTTED LT) 8~~

~~646.602 TEMPORARY 4" WHITE LINE, PAINT~~  
~~STA. 80+75 - STA. 83+14 (SOLID LT & RT)~~  
~~STA. 80+75 - STA. 82+01 (SOLID LT)~~  
~~STA. 81+91 - STA. 82+45 (SOLID RT)~~  
~~STA. 82+57 - STA. 83+14 (SOLID LT, WITH BREAK AT CROSSWALK)~~  
~~STA. 82+77 - STA. 83+14 (SOLID RT, WITH BREAK AT CROSSWALK)~~  
~~STA. 83+14 - STA. 84+25 (SOLID LT & RT)~~  
~~STA. 81+91 - STA. 82+45 (SOLID LT)~~  
~~STA. 82+77 - STA. 83+25 (SOLID LT, WITH BREAK AT CROSSWALK)~~  
~~STA. 80+75 - STA. 81+00 (DOTTED LT)~~

~~646.21~~  
~~646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC~~  
~~STA. 80+75 - STA. 81+42 (SOLID LT, CENTERLINE) 134~~ 806  
~~STA. 80+75 - STA. 81+42 (SOLID RT, CENTERLINE) 134~~  
~~STA. 81+91 - STA. 82+40 (SOLID RT, CENTERLINE)~~  
~~STA. 82+77 - STA. 83+14 (SOLID LT, CENTERLINE, WITH BREAK AT CROSSWALK)~~  
~~STA. 81+91 - STA. 82+45 (SOLID RT, CENTERLINE) 108~~  
~~STA. 82+77 - STA. 83+25 (SOLID RT, CENTERLINE, WITH BREAK AT CROSSWALK) 30~~  
~~STA. 83+75 - STA. 84+25 (SOLID LT & RT) 100~~  
~~STA. 83+75 - STA. 84+25 (DASHED LT & RT) 30~~

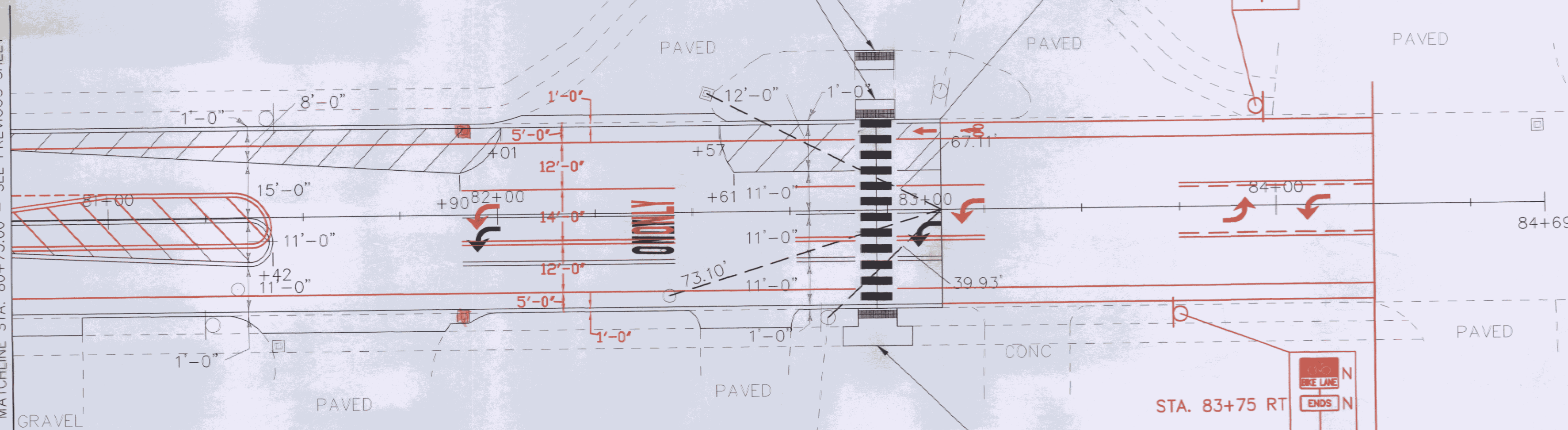
~~646.612 TEMPORARY 4" YELLOW LINE, PAINT~~  
~~STA. 80+75 - STA. 81+42 (SOLID LT, CENTERLINE)~~  
~~STA. 80+75 - STA. 81+42 (SOLID RT, CENTERLINE)~~  
~~STA. 81+91 - STA. 82+40 (SOLID RT, CENTERLINE)~~  
~~STA. 82+77 - STA. 83+14 (SOLID LT, CENTERLINE, WITH BREAK AT CROSSWALK)~~  
~~STA. 81+91 - STA. 82+45 (SOLID RT, CENTERLINE)~~  
~~STA. 82+77 - STA. 83+25 (SOLID RT, CENTERLINE, WITH BREAK AT CROSSWALK)~~  
~~STA. 83+75 - STA. 84+25 (SOLID LT & RT)~~  
~~STA. 83+75 - STA. 84+25 (DASHED LT & RT)~~

~~646.442 DURABLE 8" WHITE LINE, THERMOPLASTIC~~  
~~STA. 80+75 - STA. 82+01 (HATCHED LT)~~  
~~STA. 82+57 - STA. 83+14 (HATCHED LT, WITH BREAK AT CROSSWALK)~~

~~646.642 TEMPORARY 8" WHITE LINE, PAINT~~  
~~STA. 80+75 - STA. 82+01 (HATCHED LT)~~  
~~STA. 82+57 - STA. 83+14 (HATCHED LT, WITH BREAK AT CROSSWALK)~~

NOTE:  
 REVISIONS IN RED REPRESENT  
 PROPOSED MODIFICATIONS REQUESTED  
 BY THE VILLAGE OF ESSEX JUNCTION

MATCHLINE STA. 80+75.00 - SEE PREVIOUS SHEET



REMOVE AND RECONSTRUCT  
 SIDEWALK RAMP TYPE 2  
 FROM STANDARD DRAWING C-3A

END OF PROPOSED MODIFICATIONS  
 REQUESTED BY THE VILLAGE OF  
 ESSEX JUNCTION  
 STA. 84+25

~~646.23~~  
~~646.452 DURABLE 8" YELLOW LINE, THERMOPLASTIC~~  
~~STA. 80+75 - STA. 81+42 (HATCHED RT) 100~~

~~646.652 TEMPORARY 8" YELLOW LINE, PAINT~~  
~~STA. 80+75 - STA. 81+42 (HATCHED RT)~~

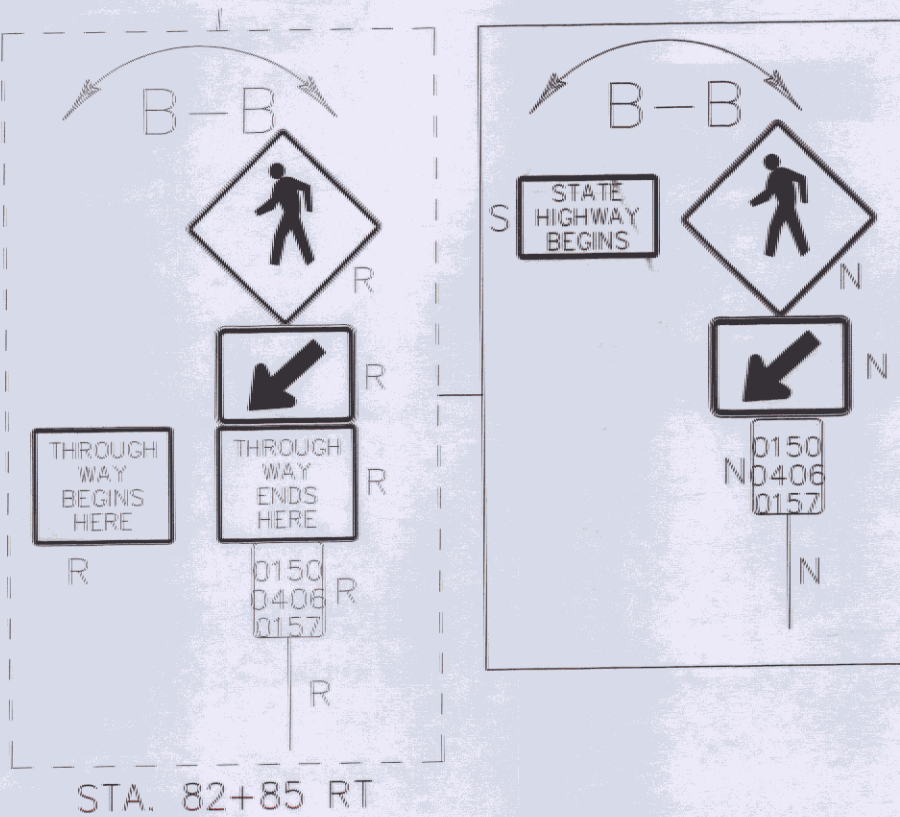
~~646.30~~  
~~646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC~~

~~STA. 81+97 RT ARROW~~ STA. 81+97 CTR ARROW  
~~STA. 82+42 RT ONLY~~ STA. 82+42 CTR ONLY 10  
~~STA. 83+09 RT ARROW~~ STA. 83+21 CTR ARROW  
~~STA. 83+09 RT ARROW~~ STA. 83+90 CTR ARROW  
~~STA. 83+09 RT ARROW~~ STA. 84+10 CTR ARROW  
~~STA. 83+09 RT ARROW~~ STA. 83+10 LT ARROW  
~~STA. 83+09 RT ARROW~~ STA. 83+22 LT BIKE

~~646.692 TEMPORARY LETTER OR SYMBOL, PAINT~~

~~STA. 81+97 RT ARROW~~ STA. 81+97 CTR ARROW  
~~STA. 82+42 RT ONLY~~ STA. 82+42 CTR ONLY  
~~STA. 83+09 RT ARROW~~ STA. 83+21 CTR ARROW  
~~STA. 83+09 RT ARROW~~ STA. 83+90 CTR ARROW  
~~STA. 83+09 RT ARROW~~ STA. 84+10 CTR ARROW  
~~STA. 83+09 RT ARROW~~ STA. 83+10 LT ARROW  
~~STA. 83+09 RT ARROW~~ STA. 83+22 LT BIKE

~~646.31~~  
~~646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC~~  
~~STA. 82+97 (LT & RT) 48~~



~~646.702 TEMPORARY CROSSWALK MARKING, PAINT~~  
~~STA. 82+97 (LT & RT)~~

~~675.50 REMOVING SIGNS~~  
 AS SHOWN - 9

~~675.60 ERECTING SALVAGED SIGNS~~  
 AS SHOWN - 2

LEGEND		SIGN LEGEND	
○	HYDRANT	R	= REMOVE
○	MANHOLE	R&S	= REMOVE AND SALVAGE
○	WATER VALVE	RET	= RETAIN
○	GAS PIPELINE MARKER	S	= SALVAGE
○	CATCH BASIN / DROP INLET	N	= NEW
○	CURB INLET	B-B	= BACK TO BACK
⊠	TRAFFIC CONTROL BOX		
⊕	RAILROAD CROSSING SIGNAL		

DATUM  
 VERTICAL N/A  
 HORIZONTAL N/A

PROJECT  
 LAYOUT  
 SHEET 27

PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(1)  
 FILE NAME: p06b062.dgn  
 PROJECT LEADER: EPD  
 DESIGNED BY: CDL  
 PLOT FILE: p06b062pl27.i  
 PLOT DATE: \$\$\$DATE\$\$\$  
 DRAWN BY: S.JL  
 CHECKED BY: EPD  
 SHEET 35 OF 45

04/13/09

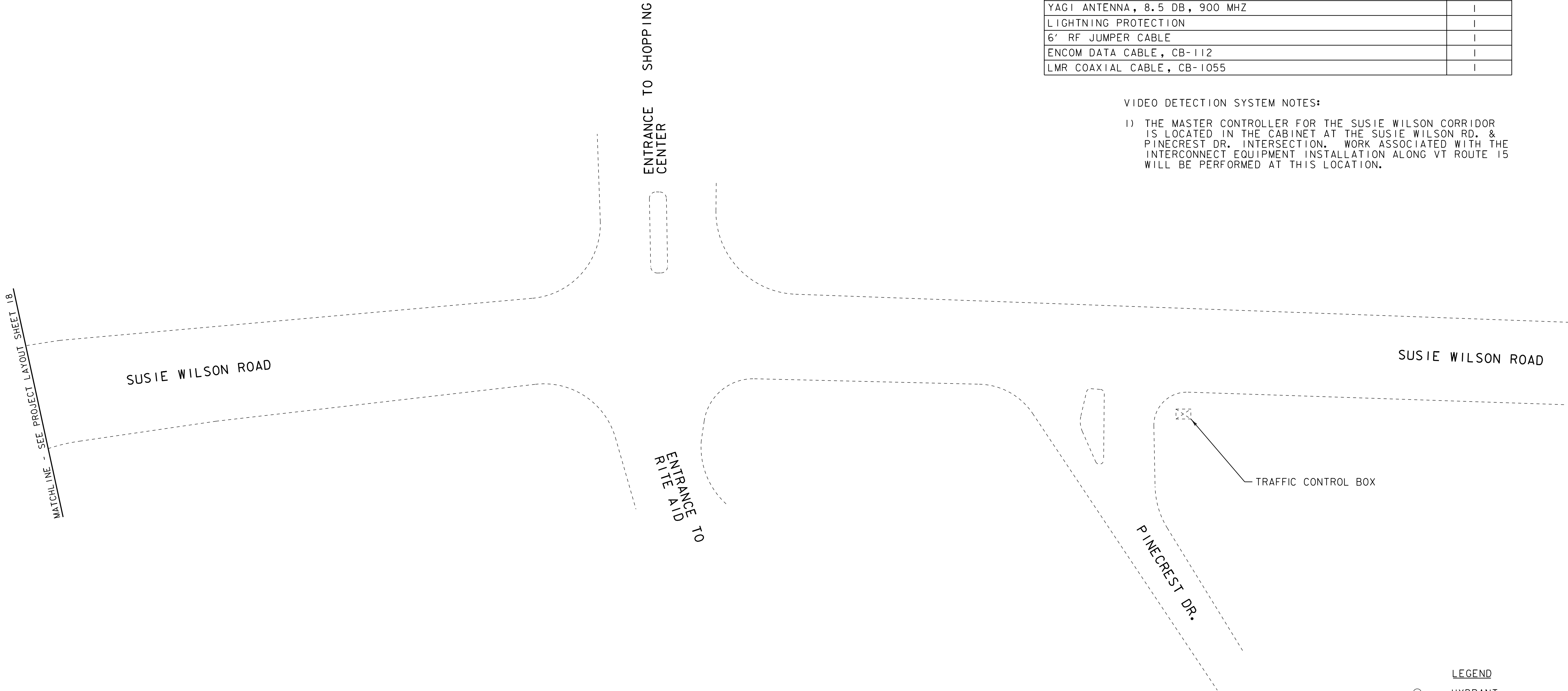
NOT TO SCALE

**VIDEO VEHICLE DETECTION SYSTEM EQUIPMENT LIST**

LIST OF MAJOR EQUIPMENT	
ITEM # 900.620, SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (SUSIE WILSON RD. @ PINECREST DR.)	QUANTITY
ENCOM MODEL EP-5200S,RS-232,SHELF MOUNT RADIO	1
YAGI ANTENNA, 8.5 DB, 900 MHZ	1
LIGHTNING PROTECTION	1
6' RF JUMPER CABLE	1
ENCOM DATA CABLE, CB-112	1
LMR COAXIAL CABLE, CB-1055	1

VIDEO DETECTION SYSTEM NOTES:

- 1) THE MASTER CONTROLLER FOR THE SUSIE WILSON CORRIDOR IS LOCATED IN THE CABINET AT THE SUSIE WILSON RD. & PINECREST DR. INTERSECTION. WORK ASSOCIATED WITH THE INTERCONNECT EQUIPMENT INSTALLATION ALONG VT ROUTE 15 WILL BE PERFORMED AT THIS LOCATION.



**LEGEND**

- ⊙ HYDRANT
- MANHOLE
- ⊙ WATER VALVE
- ⊙ GAS PIPELINE MARKER
- ⊠ CATCH BASIN / DROP INLET
- CURB INLET
- ⊠ X TRAFFIC CONTROL BOX
- ⊕ RAILROAD CROSSING SIGNAL

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

NOT TO SCALE

**PROJECT LAYOUT SHEET 28**






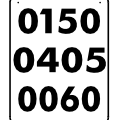










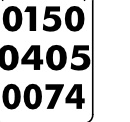
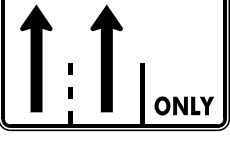


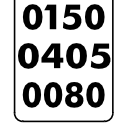

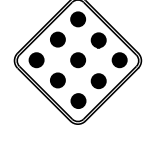


PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(I)

FILE NAME: p06b062.dgn	PLOT DATE: 30-OCT-2012 12:0
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: p06b062pl28.i	SHEET 36 OF 45



# TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS E A WIDTH (in) HEIGHT (in)		NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL			
				"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER		STD. SHEET NUMBER			
										lb/ft	lb/ft	lb/ft	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE				WEIGHT	POST SIZE	
																								1.12						2.0

OPTION ITEMS																													
STA. 29+61 RT COLCHESTER	  	30 36 36	30 12 12	6.25 3.00 3.00					1																	R5-1 R6-IL R6-IR	E-143 E-142 E-142		
STA. 31+25 LT COLCHESTER	 	24	30	5.00					1																		R2-1	E-142	
STA. 31+79 RT COLCHESTER		6	10	0.42																							REPLACE REFERENCE PLAQUE, RETAIN REMAINING SIGNS AND POST	E-138	
STA. 33+83 RT COLCHESTER	 	30 24	30 12	6.25 2.00					1																		WII-2 FLOURESCENT YELLOW-GREEN, TYPE IX SHEETING W16-9P	E-152	
STA. 36+64 LT COLCHESTER		36	36	9.00					1																		RI-2	E-146	
STA. 37+73 RT COLCHESTER		48	30	10.00					2																		VR-935 (MIRRORED)	E-145B	
STA. 38+74 LT COLCHESTER	 	30 24	30 12	6.25 2.00					1																		WII-2 FLOURESCENT YELLOW-GREEN, TYPE IX SHEETING W16-7p	E-152	
STA. 38+82 LT COLCHESTER		30	30	6.25					1																		RI-1	E-143	
STA. 38+91 RT COLCHESTER	 	30 24	30 12	6.25 2.00					1																		WII-2 FLOURESCENT YELLOW-GREEN, TYPE IX SHEETING W16-7p	E-152	
STA. 39+31 LT COLCHESTER	 	30 6	30 10	6.25 0.42					1																		RI-1 MOUNT REFERENCE PLAQUE BACK TO BACK WITH STOP SIGN	E-143 E-138	
STA. 40+62 RT COLCHESTER		48	30	10.00					2																		VR-935	E-145B	
STA. 42+38 RT COLCHESTER	 	30 36	30 12	6.25 3.00					1																		R5-1 R6-IL	E-143 E-142	
STA. 42+24 LT COLCHESTER		6	10	0.42					1																				E-138
STA. 42+62 RT COLCHESTER	 								2																				
STA. 42+94 RT COLCHESTER	 	30 36	30 12	6.25 3.00					1																			R5-1 R6-IR	E-143 E-142

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".	FT	FT	FT	FT	FT	FT	EA	LB	LB	LB	EA	LB	EA	EA	LB	<b>TRAFFIC SIGN SUMMARY SHEET 2</b> PROJECT NAME: COLCHESTER-ESSEX PROJECT NUMBER: STP 2616(I)S FILE NAME: p06b062.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: p06b062+ss2.i PLOT DATE: 30-OCT-2012 12:0 DRAWN BY: SJL CHECKED BY: EPD SHEET 38 OF \$\$\$
	SF 103.26	SF	EA. 5	SF	FT 240	FT 240	EA	LB	EA	EA	LB					









# TRAFFIC SIGN SUMMARY SHEET 7

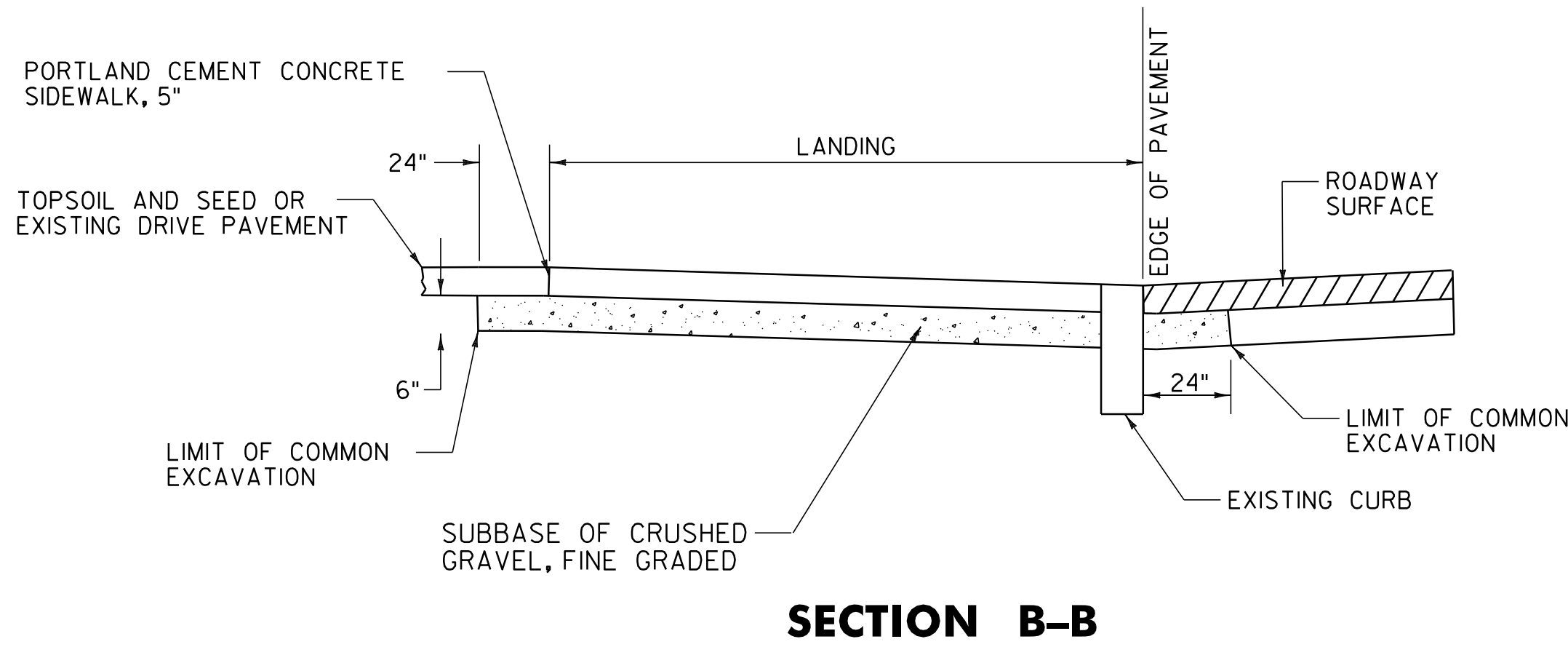
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			FRUIT S R I G M E D	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											lb/ft			1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE					WEIGHT	POST SIZE	
											1.12	2.0	3.0	1.88	2.16	3.35	ANCHOR	SLEEVE	1.3		1.7	1.7	lb/ft									24"
STA 68+70 LT	END		30	12	2.00				1	OPTION ITEMS																	W4-2		E-151			
STA 70+40 LT	BIKE LANE		30	12	2.00				1																	W11-2 FLOURESCENT YELLOW-GREEN TYPE IX SHEETING W16-7p		E-152 E-138				
STA 76+30 LT	BEGIN		30	12	2.00				1																	W11-2 FLOURESCENT YELLOW-GREEN TYPE IX SHEETING W16-7p		E-152				
STA 76+30LT	U-TURN 1/4 MILE																															
STA 76+50RT	END		30	12	2.00				1																							
STA 77+50 LT&RT	BIKE LANE		24	30	10.00				1																							
STA 83+75 RT	BIKE LANE	ENDS	24	30	5.00				1																							
			30	12	2.00				1																							
STA 83+95 LT	BIKE LANE	AHEAD	24	30	5.00				1																							
			30	12	2.00				1																							
STA 36+29 RT	RIGHT LANE MUST TURN RIGHT		30	30	6.25				1																							
STA 42+70 RT	RIGHT LANE MUST TURN RIGHT		30	30	6.25				1																							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".

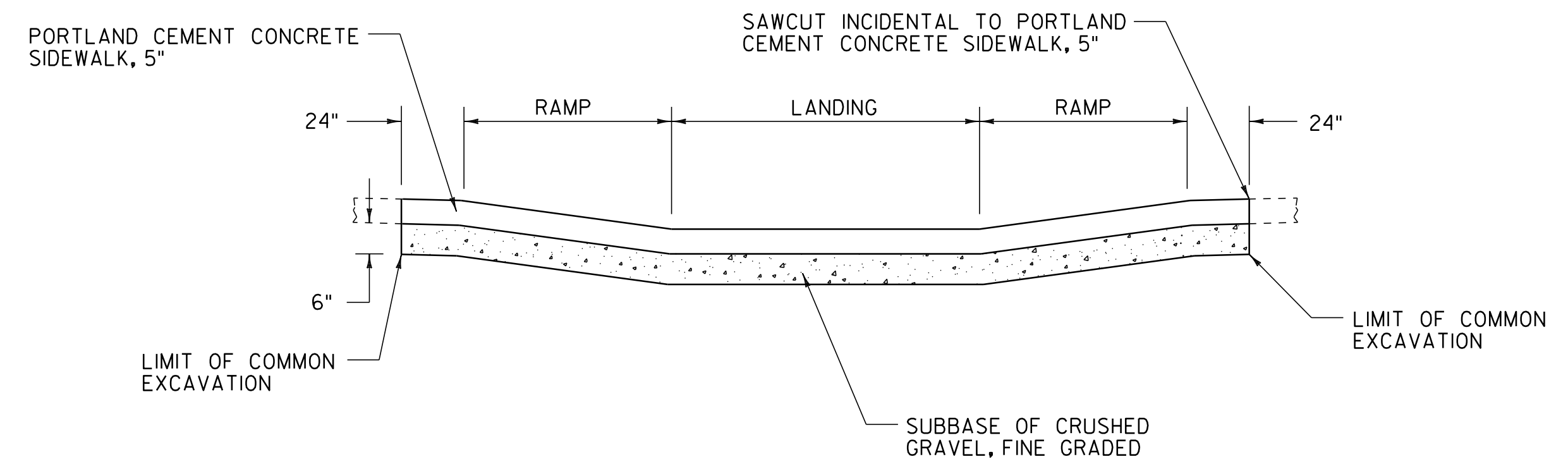
SUBTOTAL	524.78																												
ROUNDING	0.22																												
	SF	SF	EA.	SF																									
	525		16																										

**TRAFFIC SIGN SUMMARY SHEET 6**

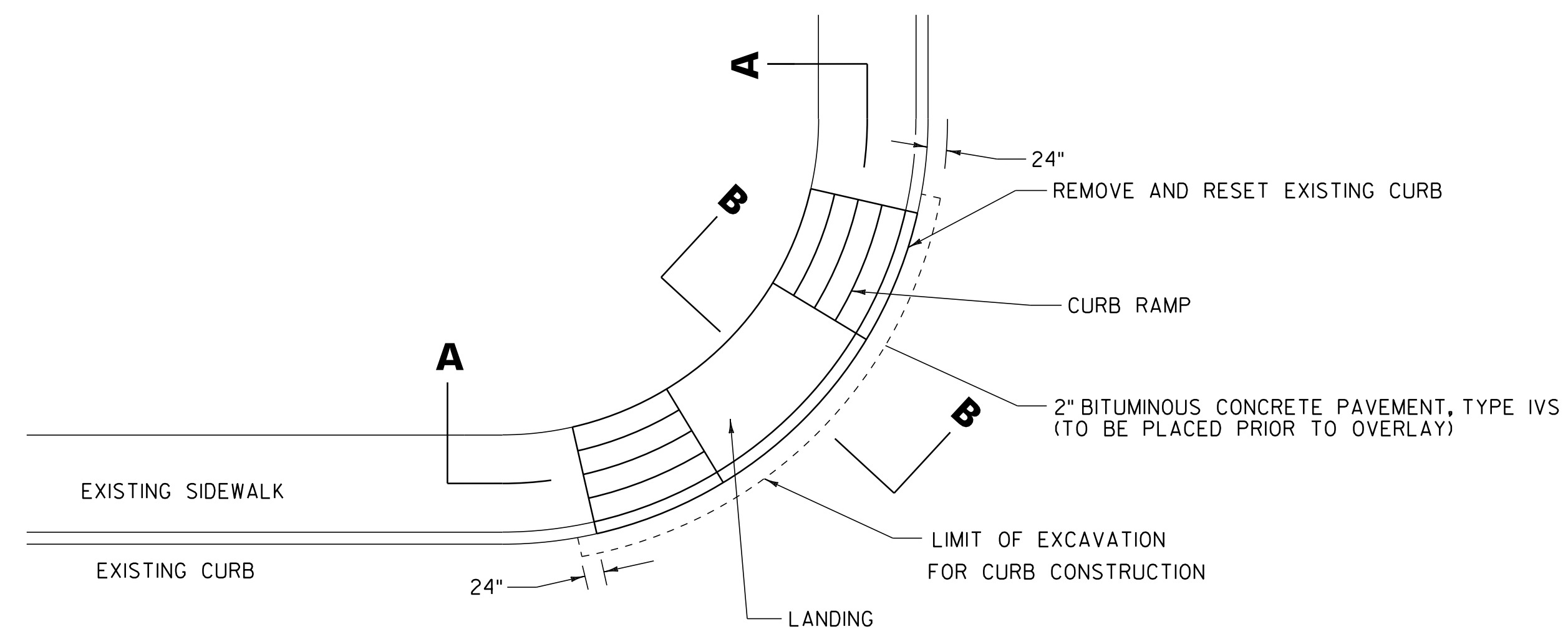
PROJECT NAME: COLCHESTER-ESSEX  
PROJECT NUMBER: STP 2616(I)S  
FILE NAME: p06b062.dgn  
PROJECT LEADER: CDL  
DESIGNED BY: SJL  
PLOT FILE: p06b062+ss6.i  
PLOT DATE: 30-OCT-2012 12:0  
DRAWN BY: SJL  
CHECKED BY: EPD  
SHEET 42 OF \$SH\$



**SECTION B-B**



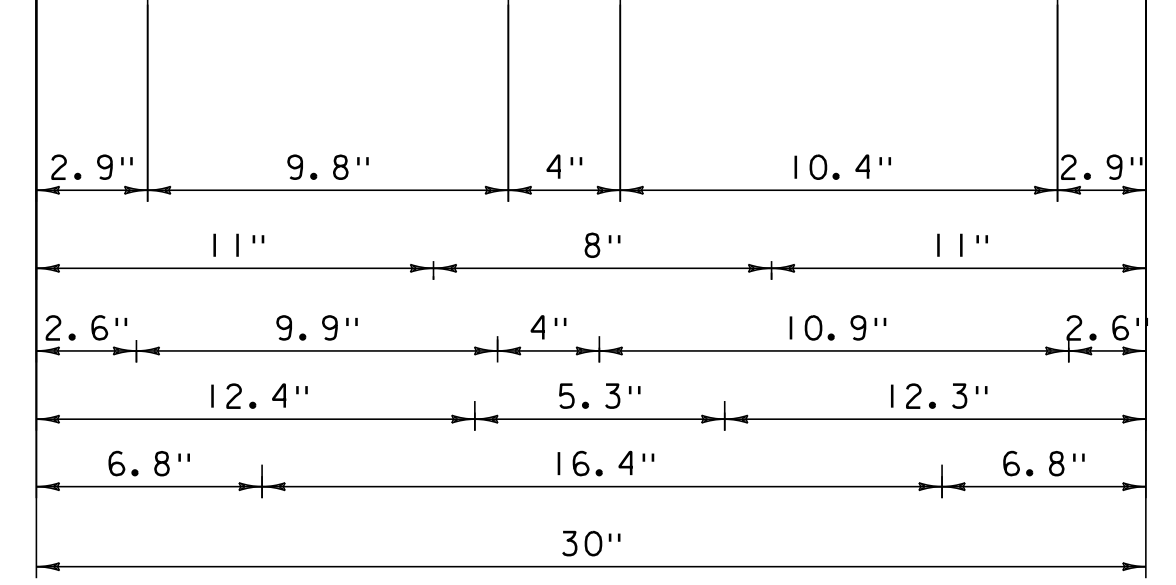
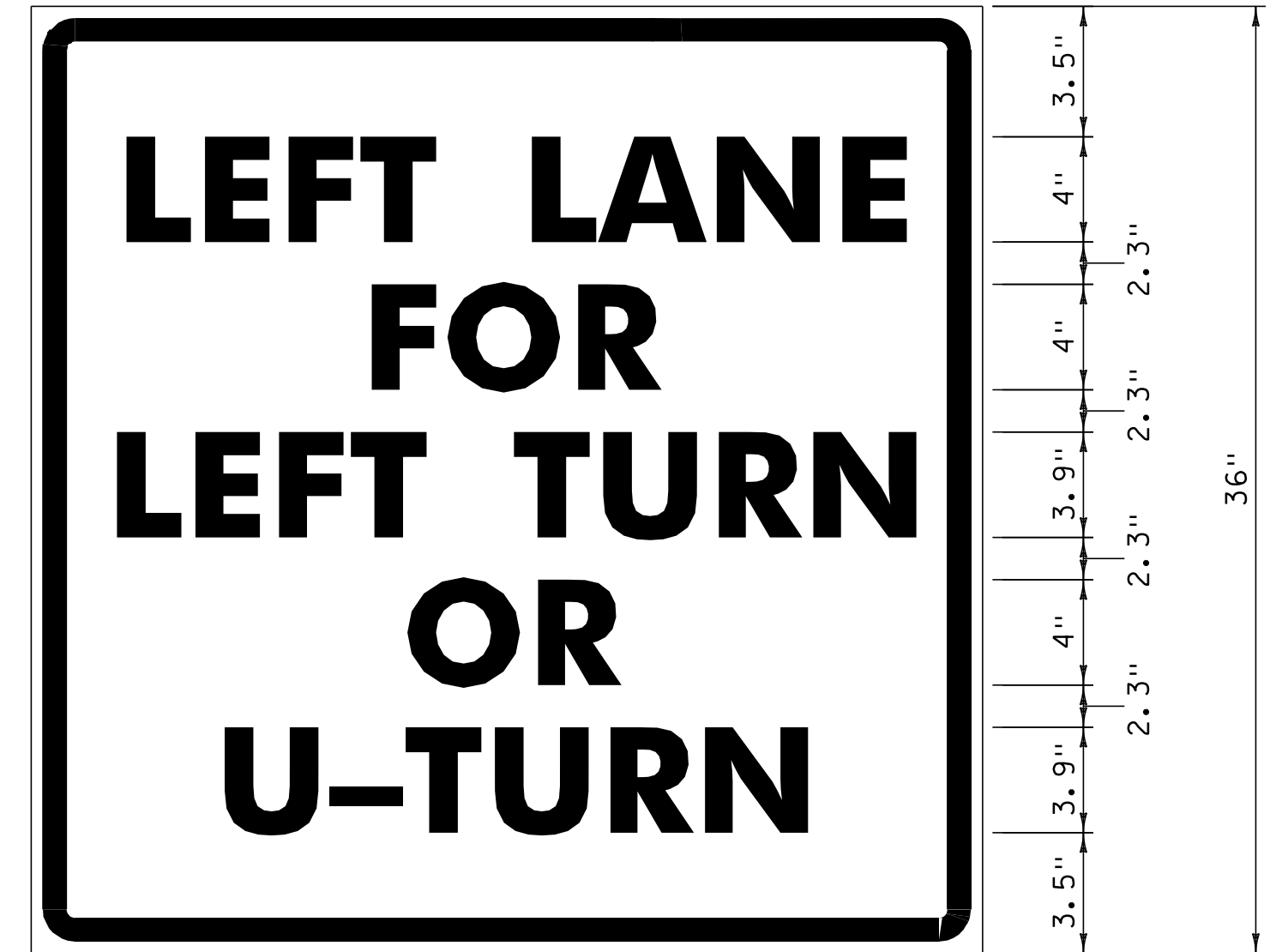
**SECTION A-A**



**PLAN**

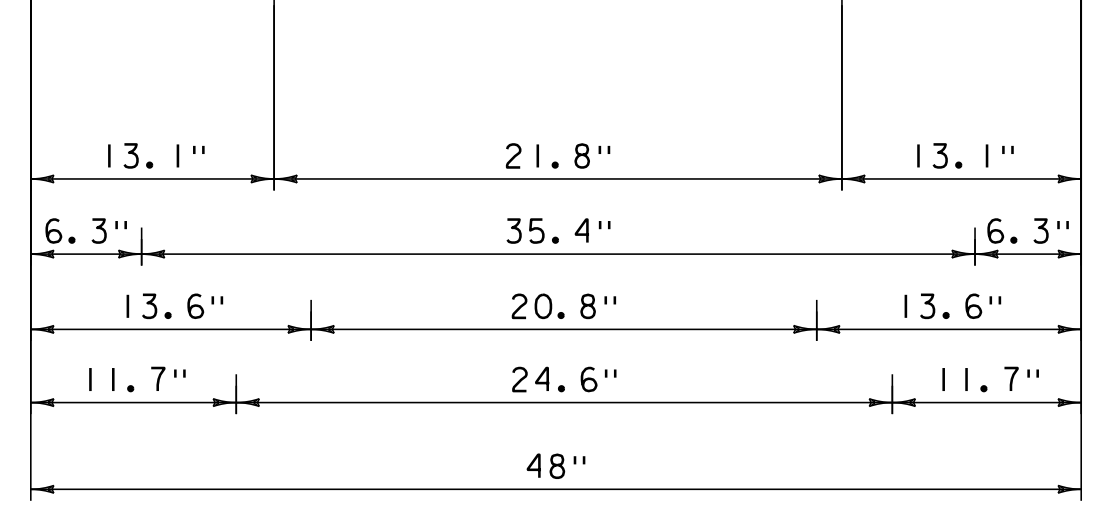
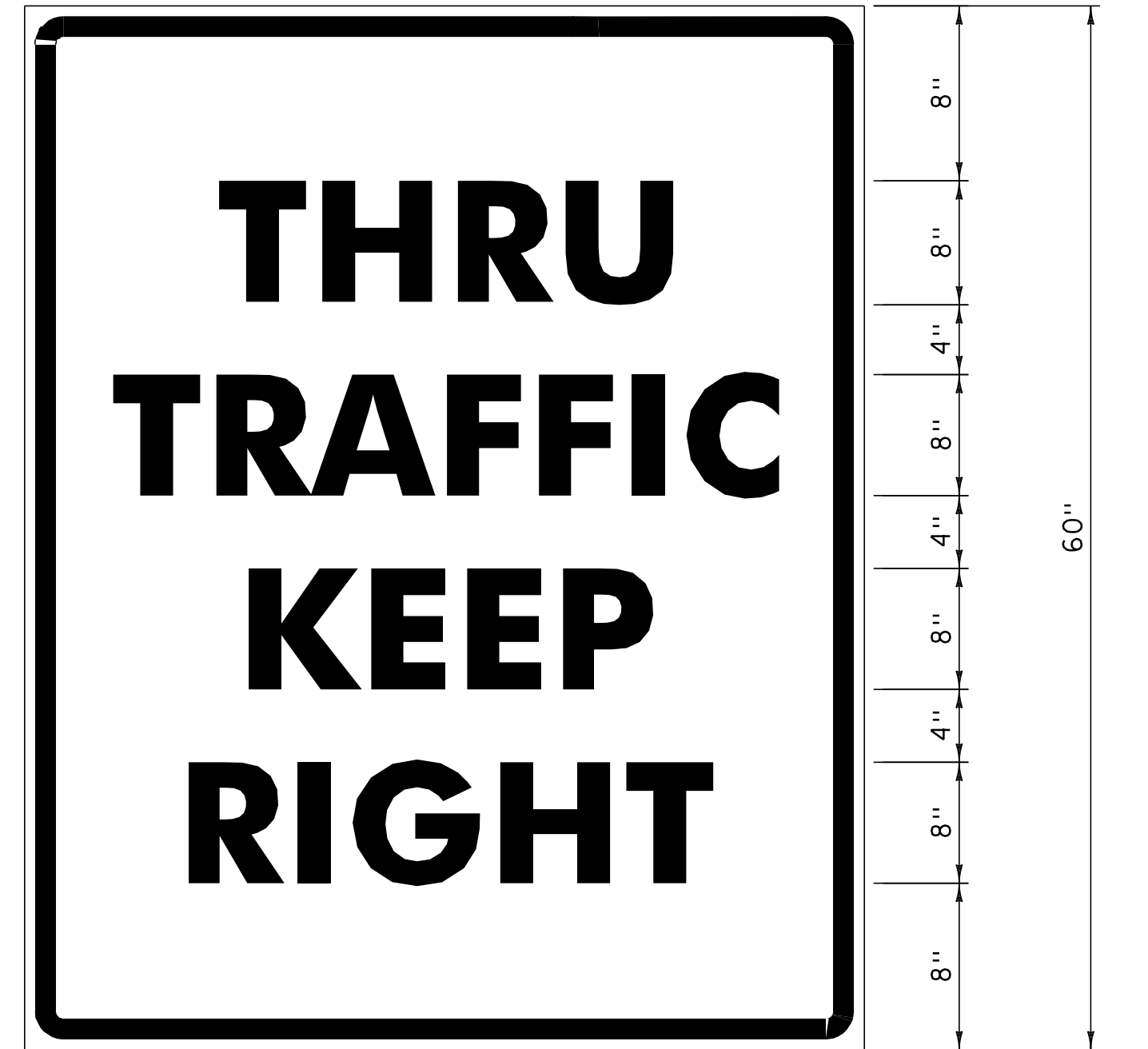
**SIDEWALK RAMP PAY LIMIT DETAILS**

NOTE:  
 1. THIS DETAIL IS FOR PAY LIMITS ONLY. FOR INDIVIDUAL RAMP CONFIGURATIONS, SLOPES, DIMENSIONS, ETC., SEE VTRANS STANDARDS C-3A/C-3B.  
 2. SEE PROJECT LAYOUT SHEETS FOR LOCATIONS OF RAMPS TO BE RECONSTRUCTED.



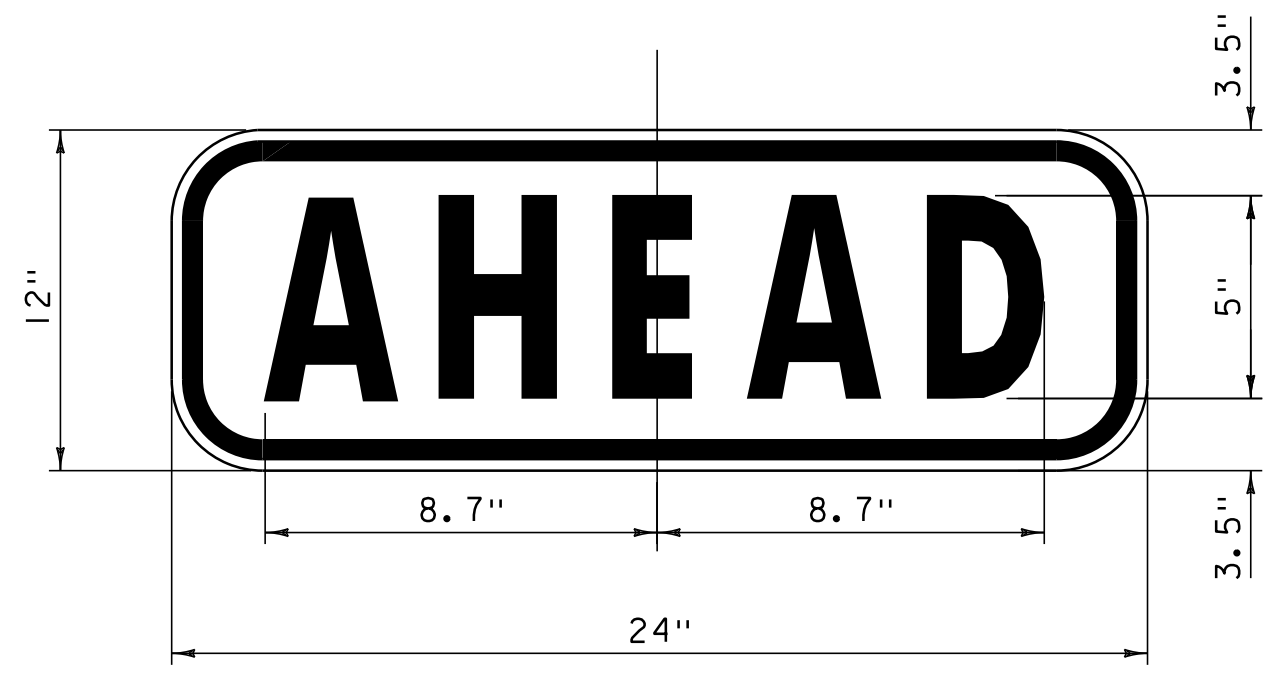
1.5" RADIUS, 0.8" BORDER, 0.5" INDENT, BLACK ON WHITE;  
 "LEFT LANE" C; "FOR" C; "LEFT TURN" C; "OR" C; "U-TURN" C;  
 MATERIALS & COLORS PER VTRANS STANDARD E-141

STA. 46+86 RT ESSEX

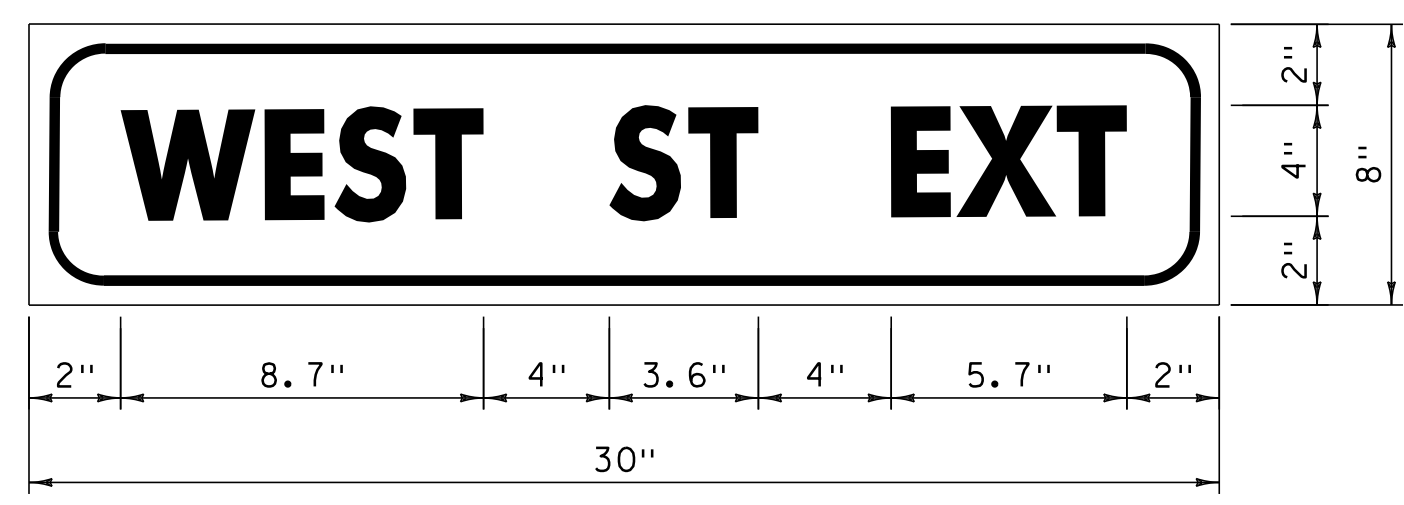


3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON WHITE;  
 "THRU" C; "TRAFFIC" C; "KEEP" C; "RIGHT" C;  
 VR-118R  
 MATERIALS & COLORS PER VTRANS STANDARD E-141

STA. 20+25 RT ESSEX



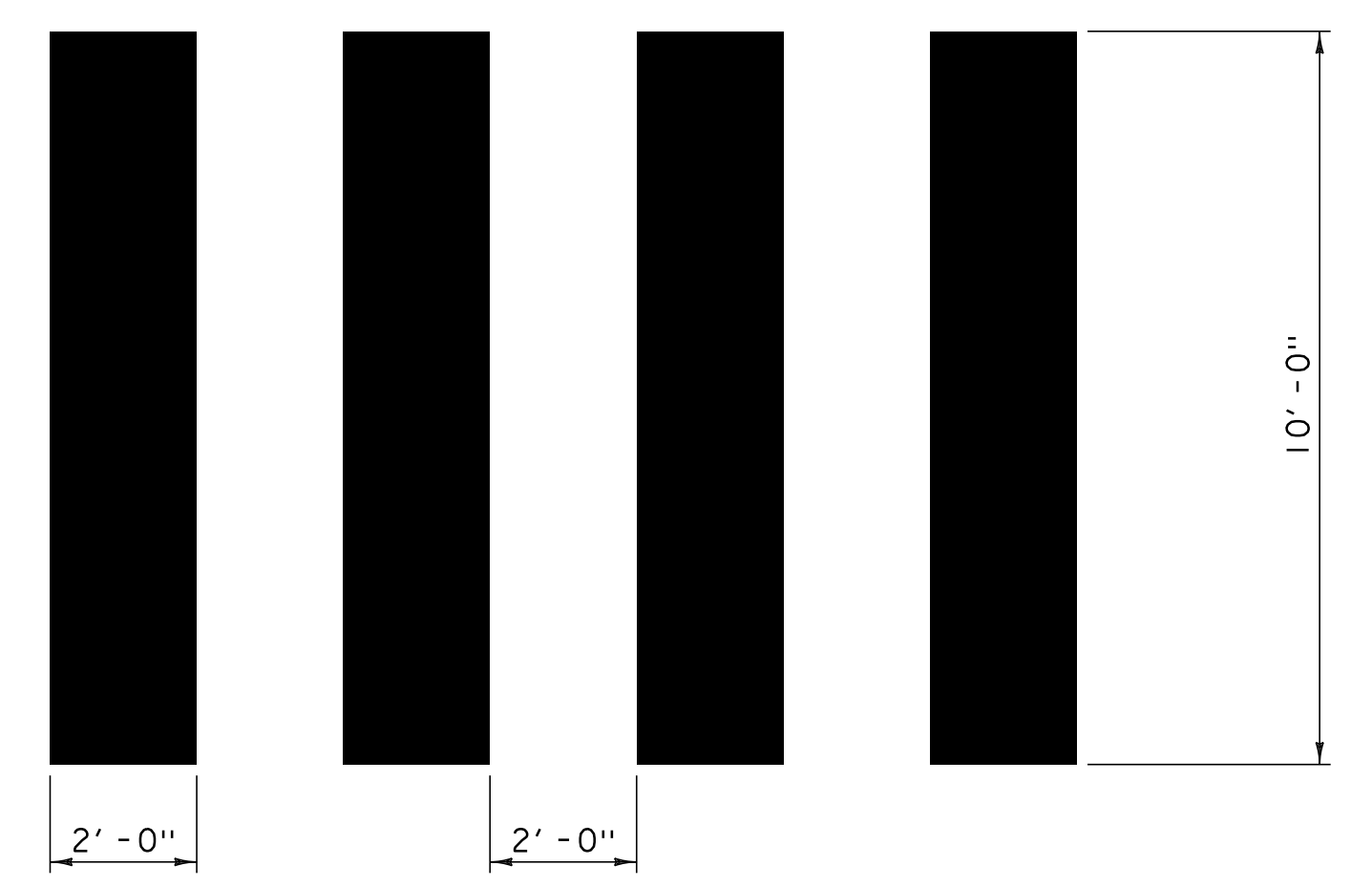
1.5" RADIUS, 0.625" BORDER, 0.375" INDENT, BLACK ON FLOURESCENT YELLOW-GREEN, TYPE IX SHEETING  
 MATERIALS PER VTRANS STANDARD E-152



1.5" RADIUS, 0.4" BORDER, 0.4" INDENT, BLACK ON YELLOW  
 MATERIALS & COLORS PER VTRANS STANDARD E-150

STA. 48+42 RT ESSEX  
 STA. 59+68 RT ESSEX

**DETAILS ARE NOT TO SCALE**



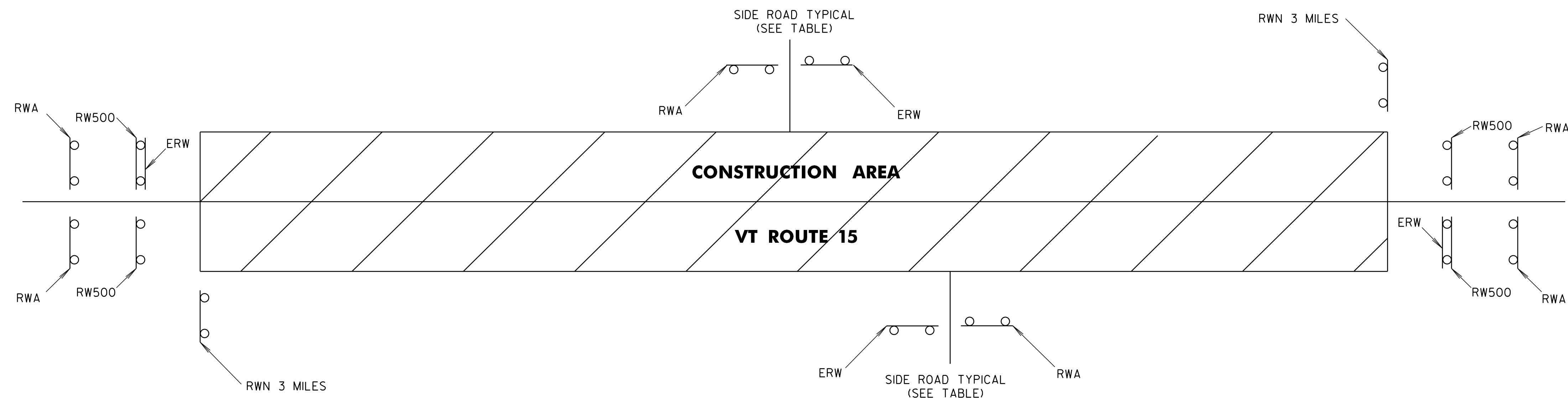
**CROSSWALK PATTERN DETAIL**

<b>TRAFFIC SIGNS AND DETAILS</b>	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:0
	PROJECT NUMBER: STP 2616(I)	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	PROJECT LEADER: CDL	SHEET 43 OF 45
	DESIGNED BY: SJL	
	PLOT FILE: p06b062+sd.i	

**CONSTRUCTION APPROACH SIGNING**

NOT TO SCALE

SEE STD E-100, E-100A AND E-103 FOR SIGN PLACEMENT



**NOTES:**

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR 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 DETAILS AND NOTES SHEET (SHEET 45 OF THIS SET), VTRANS STANDARD E-103, 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 VTRANS 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, 646.642, 646.652, 646.682, 646.692, AND 646.702 - TEMPORARY PAVEMENT MARKINGS  
 630.10 AND 630.15 - UNIFORMED TRAFFIC OFFICERS AND FLAGGERS
4. THREE (3) PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WILL BE PROVIDED FOR USE ON 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 2003 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. SEE THE TRAFFIC CONTROL DETAILS AND NOTES SHEET FOR ADDITIONAL INFORMATION REGARDING IMPLEMENTATION OF THE TEMPORARY TRAFFIC CONTROL DEVICES.

SIDE ROAD NAME	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500 FT	ROAD WORK NEXT 3 MILES
<b>COLCHESTER</b>				
BEGIN PROJECT (VT 15)	2	1	2	1
ST. MICHAELS WEST	1	1		
TH #4 (LIME KILN ROAD)	1	1		
ST. MICHAELS ACCESS	1	1		
ST. MICHAELS EAST	1	1		
TH #39 (JOHNSON AVE.)	2	1		
ENTRANCE TO FANNY ALLEN HOSPITAL	1	1		
ENTRANCE TO CAMP JOHNSON	1	1		
BARNES AVE.	2	2		
WOODSIDE DRIVE	1	1		
<b>ESSEX</b>				
TH #3 (ETHAN ALLEN DRIVE)	2	1		
TH #4 (SUSIE WILSON ROAD)	1	2		
TH #5 (WEST STREET EXT.)	1	1		
WARNER AVE.	1	1		
WILLEYS COURT	1	1		
END PROJECT (VT 15)	2	1	2	1
TOTALS	21	18	4	2

**LEGEND**

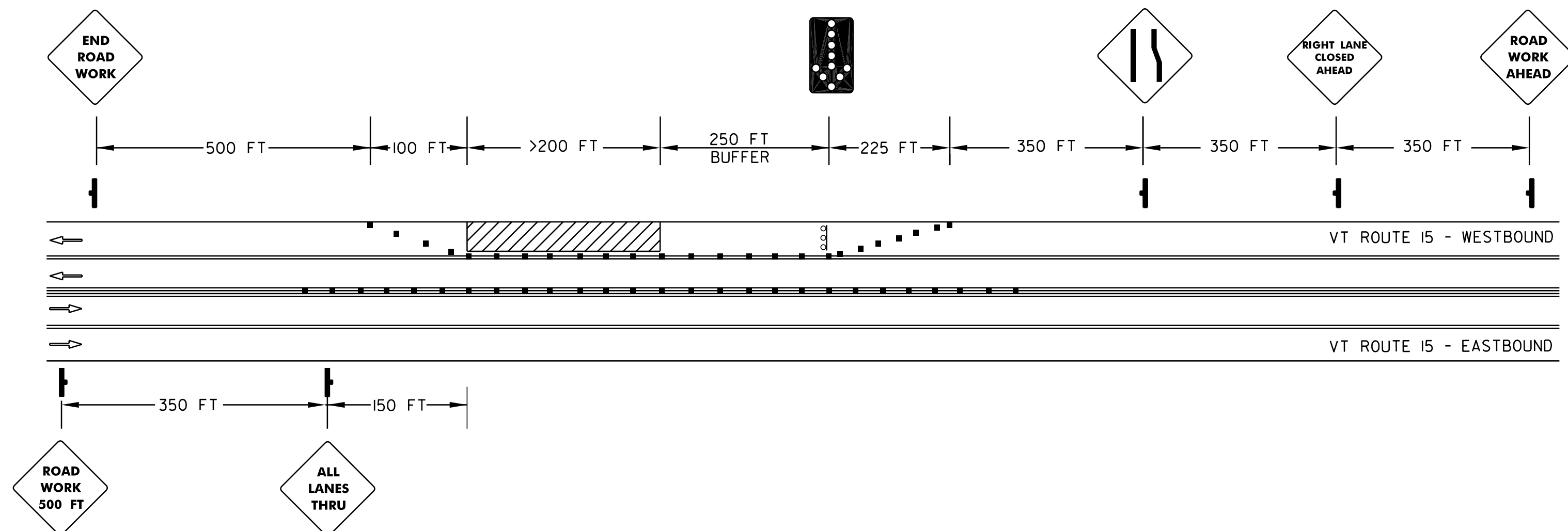
- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500 FT
- ERW = END ROAD WORK
- RWN = ROAD WORK NEXT 3 MILES

**CONSTRUCTION APPROACH SIGNING SHEET**

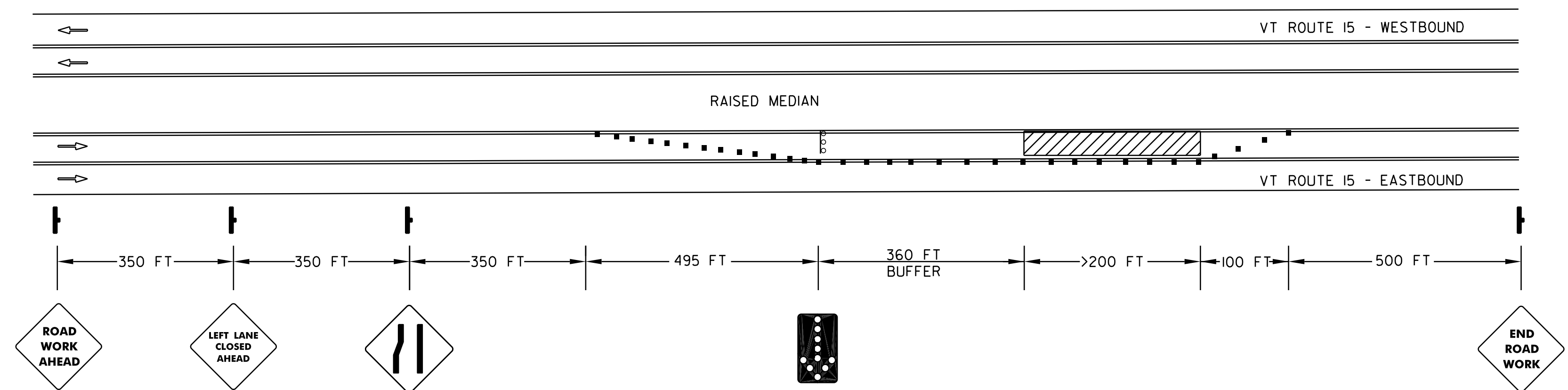
PROJECT NAME: COLCHESTER-ESSEX  
 PROJECT NUMBER: STP 2616(1)

FILE NAME: p06b062.dgn  
 PROJECT LEADER: CDL  
 DESIGNED BY: SJL  
 PLOT FILE: p06b062cas.1

PLOT DATE: 30-OCT-2012 12:00  
 DRAWN BY: SJL  
 CHECKED BY: EPD  
 SHEET 44 OF 45



**LANE CLOSURE DETAIL - 4 LANE UNDIVIDED HIGHWAY**



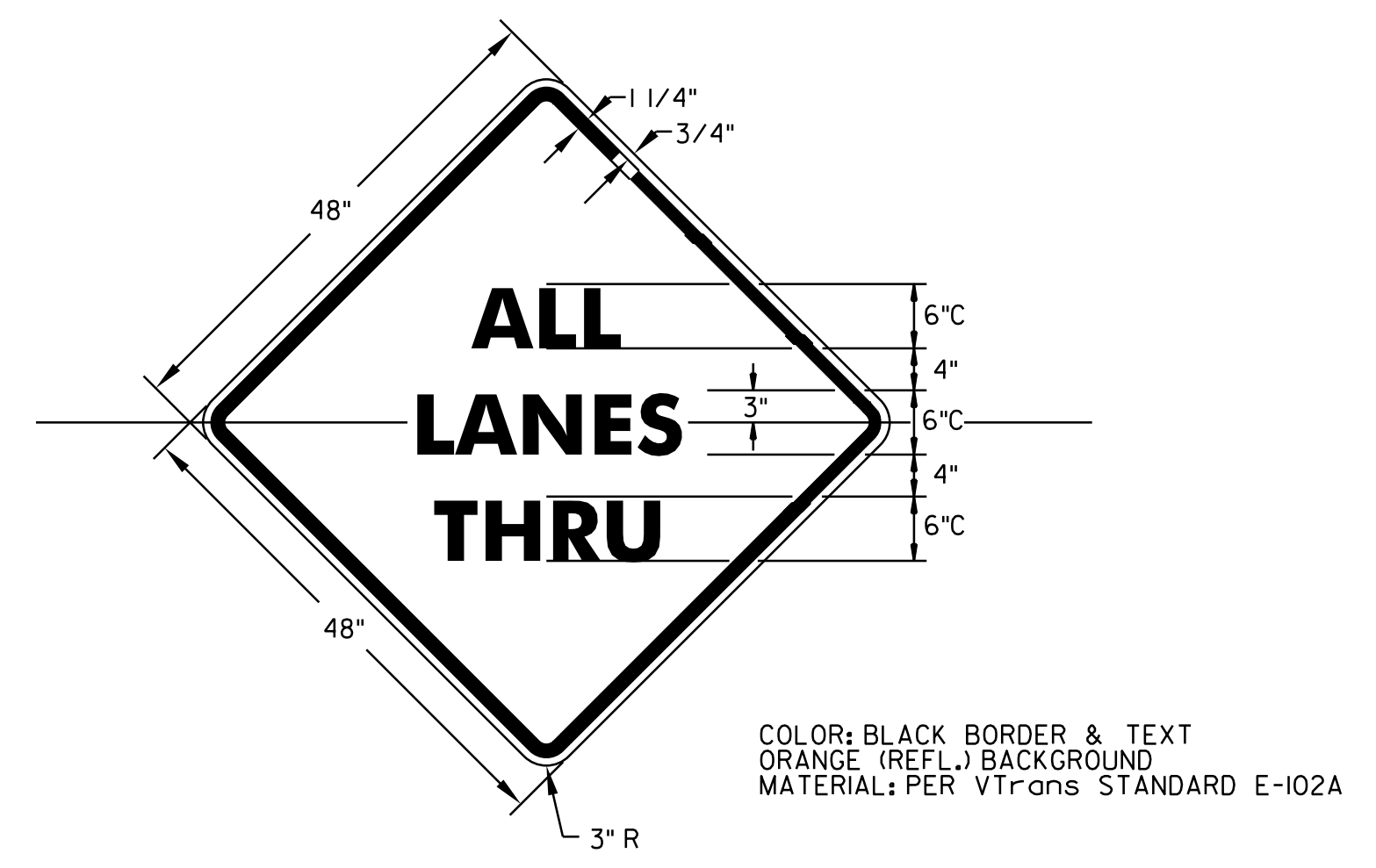
**LANE CLOSURE DETAIL - 4 LANE DIVIDED HIGHWAY WITH RAISED MEDIAN**

**LEGEND**

- TRAFFIC FLOW
- ARROW PANEL
- ARROW PANEL SUPPORT OR TRAILER
- CHANNELIZING DRUM
- SIGN (SHOWN FACING LEFT)
- WORK SPACE

**NOTES:**

- IN THE AREAS WHERE THERE IS MORE WIDTH THAN THE 4 LANES SHOWN, DUE TO AN ADDITIONAL LANE, THE ADDITIONAL WIDTH MAY BE USED TO FURTHER ENHANCE TRAFFIC FLOW AS DIRECTED BY THE RESIDENT ENGINEER.
- THE DETAILS ABOVE APPLY TO CONSTRUCTION IN BOTH THE LEFT AND RIGHT TRAVEL LANES. FOR WORK IN THE OPPOSITE LANE SHOWN IN THE DIAGRAM, REPLACE THE "LEFT/RIGHT LANE CLOSED AHEAD" AND THE "LEFT/RIGHT LANE ENDS" SIGN WITH THE APPROPRIATE REPLACEMENT.
- REFER TO PART 6 OF THE MUTCD, TYPICAL APPLICATIONS 33 AND 34, AND THE APPROPRIATE VTRANS STANDARDS FOR FURTHER DETAIL.
- FOR THE DETAILS OF THE "ALL LANES THROUGH" SIGNS, SEE DETAIL THIS SHEET. FOR DETAILS OF THE OTHER SIGNS SHOWN ON THIS SHEET, SEE THE VTRANS STANDARDS FOR CONSTRUCTION SIGN DETAILS.



DETAILS ARE NOT TO SCALE

**INTRODUCTION:**

- UNLESS OTHERWISE NOTED, THE OBJECTIVE OF THIS PLAN IS TO MINIMIZE IMPACT ON THE TRAFFIC FLOW WHILE PROVIDING A SAFE PASSAGE FOR VEHICLES DURING AND AFTER CONSTRUCTION WORK HOURS.
- THE FOLLOWING 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 MAY 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-103, E-106, E-107, E-107A, E-108A, E-110, E-111 AND E-112.

**TRAFFIC CONTROL NOTES:**

- ALL WORK SHALL BE DONE BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM.
- THE CONTRACTOR SHALL SUSPEND WORK WITHIN THE ROADWAY BY 3:00 PM EACH AND EVERY FRIDAY UNLESS GIVEN PERMISSION BY THE RESIDENT ENGINEER.
- MAINTAIN AT LEAST THE NUMBER OF LANES OF TRAFFIC AS SHOWN IN THE DETAILS SPECIFIC TO EACH TYPE OF WORK AT ALL TIMES.
- A MINIMUM LANE WIDTH OF 10 FT. SHALL BE MAINTAINED.
- SIGNALIZED INTERSECTIONS MUST BE CONTROLLED BY UNIFORMED TRAFFIC OFFICERS WHEN LANES ARE NOT IN NORMAL OPERATION EXCEPT DURING NIGHT TIME FLASHING OPERATION.
- WHEN COLD PLANED BITUMINOUS PAVEMENT IS OPEN TO TRAFFIC, A "MOTORCYCLES USE CAUTION" SIGN, AS PER VTRANS STANDARD E-102A, SHALL BE PROVIDED.
- IT IS INTENDED TO HAVE 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.
- 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) WITH PERMISSION OF 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 WHEN REQUIRED.
- TRAFFIC SHALL NOT BE CHANGED FROM ONE PHASE TO THE NEXT PHASE UNTIL ALL TEMPORARY MARKINGS, SIGNING AND SIGNAL WORK ARE COMPLETED. ANY CONFLICTING MARKINGS SHALL BE REMOVED.
- ALL NON-OPERATING SIGNAL HEADS SHALL BE REMOVED OR COMPLETELY COVERED AS DIRECTED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS FOR CCTA BUS PASSENGERS AT MARKED BUS STOPS.
- CONSTRUCTION OPERATIONS SHALL BE ADJUSTED OR SUSPENDED DURING PEAK HOUR TRAFFIC AND SPECIAL EVENTS AS DETERMINED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL COORDINATE WITH THE CHAMPLAIN VALLEY EXPOSITION AND ST. MICHAELS COLLEGE FOR DATE AND TIMES OF SPECIAL EVENTS. ALSO, ANY ADJACENT CONSTRUCTION ALONG THE CLASS I PORTION OF VT ROUTE 15 IN ESSEX SHALL BE CONSIDERED WHEN DETERMINING LANE CLOSURES.
- DRUMS SHOULD BE USED TO CHANNELIZE OR DELINEATE TRAFFIC FLOW WHILE REFLECTORIZED CONES ARE BETTER SUITED TO DELINEATE DRIVES WITHIN THE WORKZONE.

<b>TRAFFIC CONTROL DETAILS AND NOTES SHEET</b>	PROJECT NAME: COLCHESTER-ESSEX	PLOT DATE: 30-OCT-2012 12:0
	PROJECT NUMBER: STP 2616(I)	DRAWN BY: SJL
	FILE NAME: p06b062.dgn	CHECKED BY: EPD
	PROJECT LEADER: CDL	SHEET 45 OF 45
	DESIGNED BY: SJL	
	PLOT FILE: p06b062+cdn.i	