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COMPOSITE INDEX OF SHEETS

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
STP HES 2614(1)S, STP 2615(1)S,
PROJECT NUMBER: NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058ind.i

PLOT DATE: 22-FEB-2012 12:45
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 2 OF 157

COMPOSITE QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP SRIN(004)		NH HES 020-1(21)		STP HES 2614(1)S					STP 2615(1)S			SUMMARY OF ESTIMATED QUANTITIES				
FULL C.E.	ROADWAY	EPSC	FULL C.E.	ROADWAY	FULL C.E.	NON-PARTICIPATING	EMPLOYEE TRAINEESHIP	BRIDGE	ROADWAY	FULL C.E.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				3									3	EA	THINNING AND TRIMMING FOR SIGNS	201.31	
	20			840					15			40	915	CY	COMMON EXCAVATION	203.15	
									250				250	CY	UNCLASSIFIED EXCAVATION	203.17	
				555					250				805	CY	EARTH BORROW	203.30	
	20												20	CY	TRENCH EXCAVATION OF EARTH	204.20	
	1			1					1			1	4	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	
				40,800					104,000			37,725	182,525	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	
				4800									4800	LF	MILLED RUMBLE STRIPS	213.10	
	24			200					200			40	464	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	
									16			45	61	TON	SUBBASE, RAP	301.40	
				10					50				60	TON	AGGREGATE SHOULDERS	402.12	
				250					20				270	TON	AGGREGATE SHOULDERS, RAP	402.13	
				170					430			160	760	CWT	EMULSIFIED ASPHALT	404.65	
	1			1					1			1	4	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
															BEGIN OPTION AA		
	2			4650					11,850			4375	20,877	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% RAP CONTENT)	490.30	
	2			4650					11,850			4375	20,877	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% < RAP CONTENT <15.0%)	490.30	
	2			4650					11,850			4375	20,877	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	
	2			4650					11,850			4375	20,877	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% <= RAP CONTENT <= 50.0%)	490.30	
															END OPTION AA		
				1					1			1	3	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	
								350			70		420	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	
								82					82	LF	REMOVAL OF EXISTING RAIL	525.10	
								100					100	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	525.60	EST.
								82					82	LF	BRIDGE RAILING REPAIR, TYPE III	580.20	
															BEGIN OPTION BB		
	28												28	LF	18" CSP .064 (2 2/3" x 1/2")	601.0015	
	28												28	LF	18" CPEP (SL)	601.2615	
															END OPTION BB		

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
STP HES 2614(1)S, STP 2615(1)S,
PROJECT NUMBER: NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
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IPARM FILE: p06c058cqsl.i

PLOT DATE: 22-FEB-2012 12:45
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 3 OF 157

COMPOSITE QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP SRIN(004)		NH HES 020-1(21)			STP HES 2614(1)S						STP 2615(1)S			SUMMARY OF ESTIMATED QUANTITIES					DETAILED SUMMARY OF QUANTITIES		
FULL C.E.	ROADWAY	EPSC	FULL C.E.	ROADWAY	FULL C.E.	NON-PARTICIPATING	EMPLOYEE TRAINEESHIP	BRIDGE	ROADWAY		FULL C.E.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING	QUANTITIES	UNIT	ITEMS
	2													2	EA	CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.10				
	1								8				22	31	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412				
	1								8				22	31	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415				
									8				22	30	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418				
						11							25	36	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42				
				20					150				50	220	HR	POWER GRADER RENTAL	608.15	EST.			
				10					20					30	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.			
				10					50				20	80	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.			
				15					300				175	490	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.			
				15					30					45	HR	TRUCK RENTAL	608.37	EST.			
				25					150				50	225	HR	LOADER RENTAL, TYPE I	608.40	EST.			
									25					25	CY	STONE FILL, TYPE I	613.10	EST.			
				200										200	LF	GRANITE SLOPE EDGING	616.20				
	120												100	220	LF	VERTICAL GRANITE CURB	616.21				
									60				25	85	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28				
									325					325	LF	TREATED TIMBER CURB	616.35				
				145										145	LF	REMOVAL OF EXISTING CURB	616.41				
				25					40				150	215	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47				
	71								50				130	251	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10				
	20								90				220	330	SF	DETECTABLE WARNING SURFACE	618.30				
				5					35				10	50	EA	YIELDING MARKER POSTS	619.17				
									2625				60	2685	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20				
									500					500	LF	STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FEET POSTS	621.205				
									195				125	320	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21				
				1					10					11	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50				
									4				4	8	EA	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	621.53				
									6				4	10	EA	ANCHOR FOR STEEL BEAM RAIL	621.60				
				580										580	LF	REMOVE AND RESET GUARDRAIL	621.75				
				40					3000				150	3190	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80				
									1				18	19	EA	ADJUST ELEVATION OF VALVE BOX	629.20				

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
STP HES 2614(1)S, STP 2615(1)S,
PROJECT NUMBER: NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058cqs2.i

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DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 4 OF 157

COMPOSITE QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP SRIN(004)		NH HES 020-1(21)			STP HES 2614(1)S					STP 2615(1)S			SUMMARY OF ESTIMATED QUANTITIES				
FULL C.E.	ROADWAY	EPSC	FULL C.E.	ROADWAY	FULL C.E.	NON-PARTICIPATING	EMPLOYEE TRAINEESHIP	BRIDGE	ROADWAY	FULL C.E.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
	100			400					1875			1000	3375	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
	150			600					2800			1500	5050	HR	FLAGGERS	630.15	EST.
									100				100	HR	FLAGGERS, RAILROAD	630.20	
			0.33		0.34					0.33			1	LS	FIELD OFFICE, ENGINEERS	631.10	
			0.33		0.34					0.33			1	LS	TESTING EQUIPMENT, CONCRETE	631.16	
			0.33		0.34					0.33			1	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	
0.1			0.2		0.5					0.2			1	LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	
							520						520	HR	EMPLOYEE TRAINEESHIP	634.10	
				0.2					0.6			0.2	1	LS	MOBILIZATION / DEMOBILIZATION	635.11	
									1				1	LS	TRAFFIC CONTROL (STP HES 2614(1)S)	641.10	
												1	1	LS	TRAFFIC CONTROL (STP 2615(1)S)	641.10	
				1									1	LS	TRAFFIC CONTROL (NH HES 020-1(21))	641.10	
												1	1	LS	PUBLIC RELATIONS OFFICER	641.12	
				3					4			1	8	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	
				400					57,350			22,600	80,350	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	
				300					54,150			15,900	70,350	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	
				7150									7150	LF	DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA	646.426	
				4700									4700	LF	DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA	646.436	
									650			475	1125	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	
				20					1000			60	1080	LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	
				550									550	LF	DURABLE 12 INCH WHITE LINE, RECESSED POLYUREA	646.466	
				430									430	LF	DURABLE 12 INCH YELLOW LINE, RECESSED POLYUREA	646.476	
				15					300			125	440	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	
	12			19					85			100	216	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	
	35								200			725	960	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	
									4				4	EA	DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC	646.512	
				800					114,700			45,200	160,700	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	EST.
				600					108,300			31,800	140,700	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	EST.
				14,200									14,200	LF	TEMPORARY 6 INCH WHITE LINE, PAINT	646.622	EST.
				9400									9400	LF	TEMPORARY 6 INCH YELLOW LINE, PAINT	646.632	
				175									175	LF	TEMPORARY 12 INCH WHITE LINE, PAINT	646.662	EST.
				30					600			250	880	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	EST.
	24			38					158			180	400	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	EST.
	70								400			1450	1920	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	EST.
									4				4	EA	TEMPORARY RAILROAD CROSSING SYMBOL, PAINT	646.712	EST.
				300					4100			800	5200	EA	LINE STRIPING TARGETS	646.76	EST.
				200								165	365	LF	PAINTED CURB	646.81	3

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
STP HES 2614(1)S, STP 2615(1)S,
PROJECT NUMBER: NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058cqs3.i

PLOT DATE: 22-FEB-2012 12:45
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CHECKED BY: D.E.G.
SHEET 5 OF 157

COMPOSITE QUANTITY SHEET 4

STATE OF VERMONT
AGENCY OF TRANSPORTATION

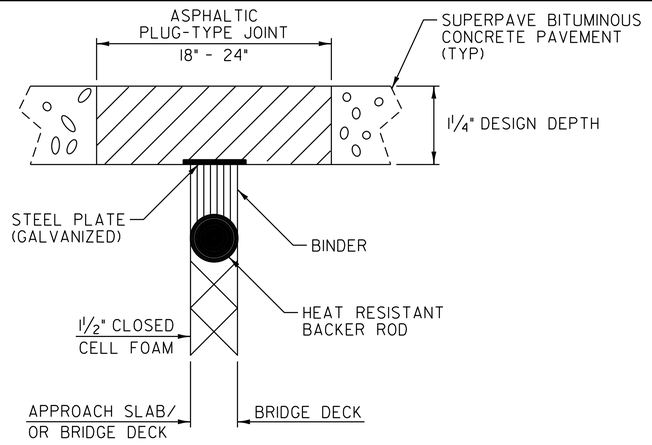
STP SRIN(004)		NH HES 020-1(21)			STP HES 2614(1)S					STP 2615(1)S			SUMMARY OF ESTIMATED QUANTITIES				
FULL C.E.	ROADWAY	EPSC	FULL C.E.	ROADWAY	FULL C.E.	NON-PARTICIPATING	EMPLOYEE TRAINEESHIP	BRIDGE	ROADWAY	FULL C.E.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
									50				50	SY	GEOTEXTILE UNDER STONE FILL	649.31	EST.
		725											725	SY	GEOTEXTILE SILT FENCE	649.51	
				50					50			50	150	LB	SEED	651.15	EST.
				400					400			400	1200	LB	FERTILIZER	651.18	EST.
				2					1			1	4	TON	AGRICULTURAL LIMESTONE	651.20	EST.
				185					50			50	285	CY	TOPSOIL	651.35	EST.
		1											1	LS	EPSC PLAN	652.10	
		50											50	HR	MONITORING EPSC PLAN	652.20	
		1											1	LU	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	652.30	
									6350				6350	SY	TEMPORARY EROSION MATTING	653.20	
		8											8	EA	INLET PROTECTION DEVICE, TYPE 1	653.40	
		2650											2650	LF	PROJECT DEMARCATION FENCE	653.55	
	77			220					971			293	1561	SF	TRAFFIC SIGNS, TYPE A	675.20	
				359					20				379	SF	TRAFFIC SIGNS, TYPE B	675.21	
				3050					1950				5000	LB	TUBULAR STEEL SIGN POST	675.33	
	150			415					620			725	1910	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	
				11					6				17	EA	FOUNDATION FOR TUBULAR STEEL POST	675.43	
	12			54					278			81	425	EA	REMOVING SIGNS	675.50	
	1			2					17			18	38	EA	ERECTING SALVAGED SIGNS	675.60	
				1					10				11	EA	DELINEATOR WITH STEEL POST	676.10	
									500				500	LF	VEHICLE LOOP DETECTOR	678.22	
				1					1			1	3	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	
				1									1	EA	SPECIAL PROVISION (REMOVE AND REPLACE FLASHING BEACON, AERIALLY MOUNTED)	900.620	
	2												2	EA	SPECIAL PROVISION (SOLAR-POWERED SCHOOL ZONE FLASHING BEACON)	900.620	
				2									2	EA	SPECIAL PROVISION (REMOVE EXISTING LIGHT POLE)	900.620	
									1				1	LS	SPECIAL PROVISION (PAVED RAIL-HIGHWAY CROSSING) (VT. 4A-AARDOT 248-940C)	900.645	
									1				1	LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (VT. 4A-AARDOT 248-953D)	900.645	
									1				1	LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-940C)	900.645	
									1				1	LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-953D)	900.645	
									3100			1625	4725	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
PROJECT NUMBER: STP HES 2614(1)S, STP 2615(1)S, NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058cqs4.i

PLOT DATE: 22-FEB-2012 12:45
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 6 OF 157



ASPHALTIC PLUG-TYPE JOINT DETAIL

~~BR 1~~	~~U.S. ROUTE 4, FAIR HAVEN~~	~~STA 0+56.0~~	~~(38'-0" LF)~~
BR 1	VT. ROUTE 4A, FAIR HAVEN	STA 79+76.0	(33'-4" LF)
BR 1	VT. ROUTE 4A, FAIR HAVEN	STA 80+30.0	(33'-4" LF)
~~BR 3~~	~~VT. ROUTE 4A, CASTLETON~~	~~STA 26+50.0~~	~~(46'-5" LF)~~
~~BR 3~~	~~VT. ROUTE 4A, CASTLETON~~	~~STA 26+85.0~~	~~(46'-5" LF)~~
BR 4	VT. ROUTE 4A, CASTLETON	STA 116+68.0	(29'-6" LF)
BR 4	VT. ROUTE 4A, CASTLETON	STA 117+94.0	(29'-5" LF)
BR 1	FAIR HAVEN STATE HIGHWAY	STA 18+92.0	(32'-0" LF)
~~BR 1~~	~~FAIR HAVEN STATE HIGHWAY~~	~~STA 19+15.0~~	~~(32'-7" LF)~~
~~BR 1~~	~~FAIR HAVEN STATE HIGHWAY~~	~~STA 20+86.0~~	~~(32'-7" LF)~~
BR 2	FAIR HAVEN STATE HIGHWAY	STA 22+42.5	(33'-3" LF)
~~BR 2~~	~~FAIR HAVEN STATE HIGHWAY~~	~~STA 22+64.0~~	~~(33'-6" LF)~~
~~BR 2~~	~~FAIR HAVEN STATE HIGHWAY~~	~~STA 24+32.0~~	~~(32'-1" LF)~~

NOTES:

1. THE JOINT SHALL BE LOCATED CENTRALLY OVER THE DECK EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
2. THE JOINT SHALL BE EXCAVATED AS SHOWN ON THE PLANS BY USE OF SAWS AND PNEUMATIC HAMMER OR A HAMMER AND CHISEL.
3. THE JOINT AREA SHALL BE BLAST CLEANED OF DEBRIS AND ASPHALT. THE JOINT AREA SHALL BE THOROUGHLY DRIED USING HOT COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. SPALLED AND DEFECTIVE CONCRETE SHALL BE REPAIRED WITH AN APPROVED MATERIAL AS AGREED UPON BY THE RESIDENT ENGINEER.
5. PROPERLY SIZED HEAT RESISTANT BACKER ROD SHALL BE PLACED IN THE MOVEMENT GAP ALLOWING FOR 1INCH +/- OF BINDER ABOVE THE ROD.
6. THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4 INCH THICK BY 8 INCH WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER.
   A. THE STEEL PLATES MAY BE OMITTED WHERE THE APPROACH SLAB IS COVERED WITH A STONE BASE OR BITUMINOUS PAVEMENT AND VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
8. THE BINDER MATERIAL AND AGGREGATE SHALL BE HEATED AND MIXED AS RECOMMENDED BY THE MANUFACTURER.
9. THE INSTALLATION OF MATERIAL, COMPACTION, AND TOPCOATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOPCOATING, AN ANTI-SKID MATERIAL SHALL BE CAST OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. JOINT SHALL BE PROTECTED FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 125°F ±.

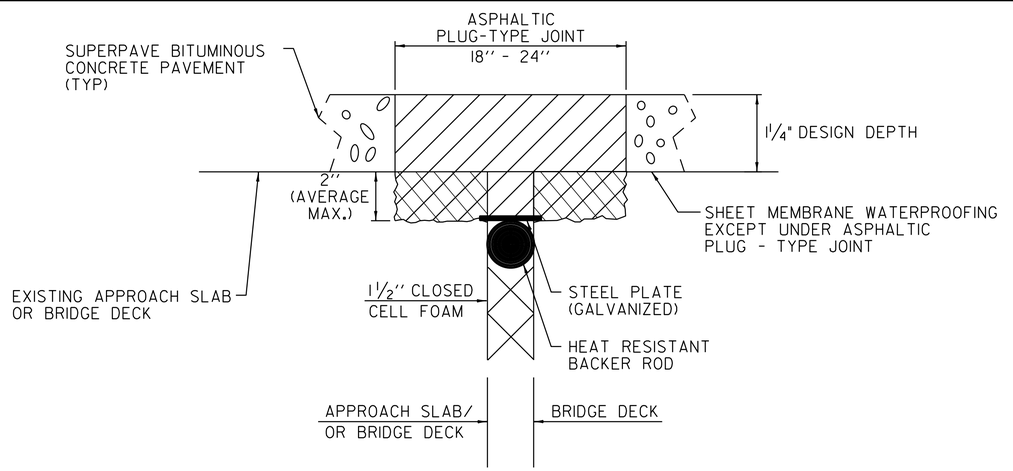
WEATHER LIMITATIONS

BINDER MATERIAL SHALL BE APPLIED ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL:

A. THE AMBIENT AIR TEMPERATURE IS AT LEAST 50° F AND RISING.

B. THE ROAD SURFACE IS SUFFICIENTLY DRY.

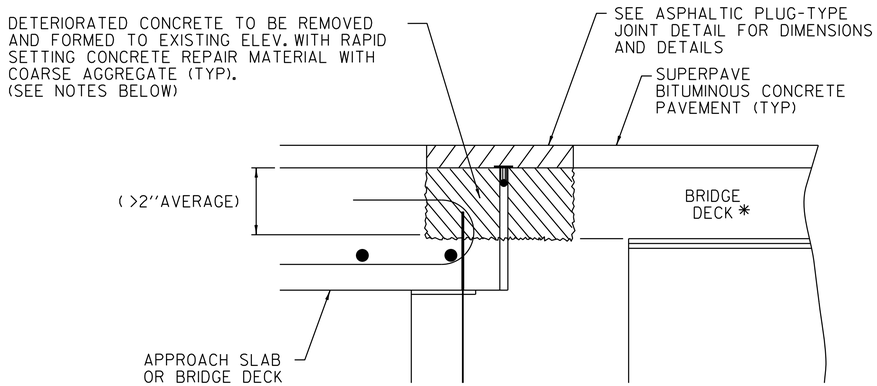
C. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.



ASPHALTIC PLUG-TYPE JOINT DETAIL REMOVAL OF UP TO 2'' DETERIORATED CONCRETE

NOTES:

1. UPON ENCOUNTERING UP TO 2'' AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH THE ASPHALTIC PLUG JOINT MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL NOT BE PAID SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR ITEM 516.10. THE ADDITIONAL PLUG JOINT MATERIAL BELOW THE DESIGN DEPTH REQUIRED TO REPLACE THE DETERIORATED CONCRETE WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.



ASPHALTIC PLUG-TYPE JOINT DETAIL REMOVAL OF >2'' DETERIORATED CONCRETE

NOTES:

1. UPON ENCOUNTERING GREATER THAN 2'' AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.

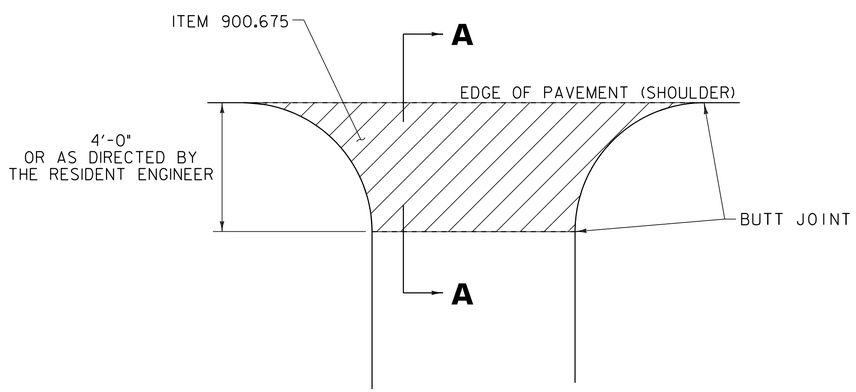
NOT TO SCALE

COMPOSITE ASPHALTIC PLUG JOINT DETAILS SHEET

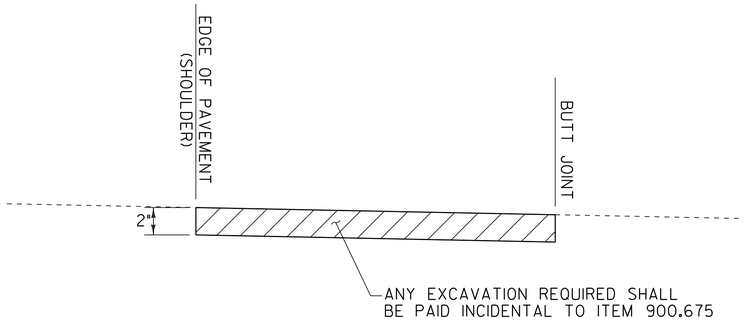
PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
PROJECT NUMBER: STP HES 2614(I)S, STP 2615(I)S, NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058capj.i

PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 7 OF 157

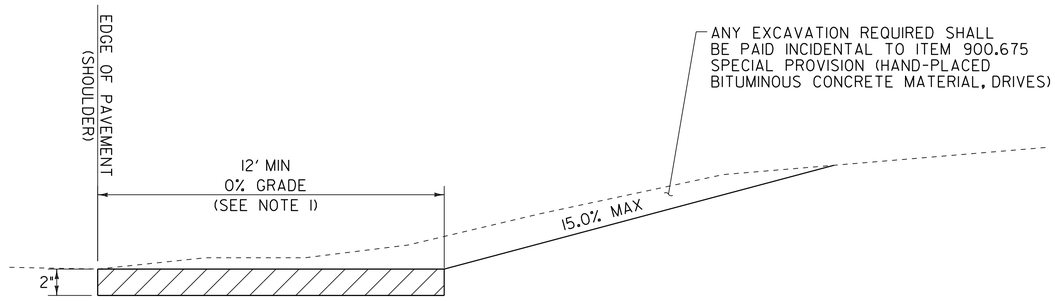


PLAN

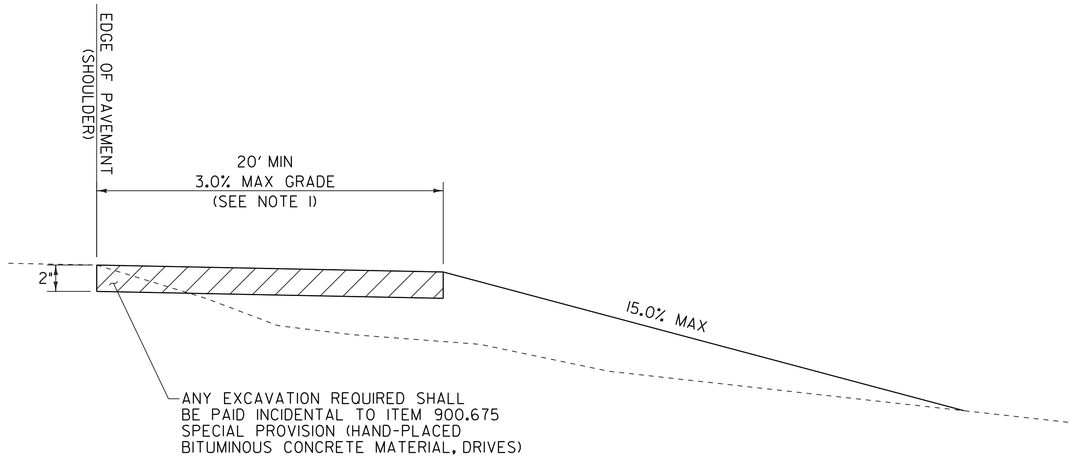


SECTION

HANDWORK DETAILS FOR DRIVES



CUT SECTION



FILL SECTION

NOTES:

1. PAVING LIFT NOT TO EXCEED 2"
2. THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
3. EXCAVATION OR COLD PLANING NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS COCNRETE MATERIAL, DRIVES).

LEGEND

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

NOT TO SCALE

COMPOSITE HANDWORK DETAILS SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
STP HES 2614(1)S, STP 2615(1)S,
PROJECT NUMBER: NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058cmd.i

PLOT DATE: 22-FEB-2012 12:46
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CHECKED BY: D.E.G.
SHEET 8 OF 157

STP 2615(I)S FAIR HAVEN CLASS I

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
FAIR HAVEN:			
49+39.0	LT	128	GRAVEL DRIVE
49+40.0	LT	11	GRAVEL DRIVE
50+24.0	LT	24	GRAVEL DRIVE
51+34.0	LT	13	ASPHALT DRIVE
51+68.0	LT	13	ASPHALT DRIVE
52+17.0	RT	11	ASPHALT DRIVE
52+22.0	LT	9	GRAVEL DRIVE
53+52.0	RT	39	ASPHALT DRIVE
53+59.0	LT	33	ASPHALT DRIVE
53+70.0	LT	7	ASPHALT DRIVE
54+24.0	RT	13	ASPHALT DRIVE
54+56.0	LT	9	ASPHALT DRIVE
54+79.0	RT	4	ASPHALT DRIVE
55+20.0	LT	9	GRAVEL DRIVE
55+63.0	RT	7	GRAVEL DRIVE
56+52.0	LT	7	ASPHALT DRIVE
56+89.0	LT	7	ASPHALT DRIVE
57+84.0	LT	9	GRAVEL DRIVE
58+80.0	RT	20	GRAVEL DRIVE
59+66.0	RT	7	ASPHALT DRIVE
60+27.0	LT	9	GRAVEL DRIVE
60+27.0	RT	7	ASPHALT DRIVE
60+39.0	RT	7	GRAVEL DRIVE
61+03.0	RT	9	GRAVEL DRIVE
61+23.0	RT	9	GRAVEL DRIVE
61+44.0	LT	11	GRAVEL DRIVE
61+72.0	RT	9	GRAVEL DRIVE
62+90.0	RT	9	GRAVEL DRIVE
63+15.0	LT	99	ASPHALT DRIVE
65+36.0	RT	24	GRAVEL DRIVE
65+82.0	RT	9	ASPHALT DRIVE
67+89.0	RT	7	ASPHALT DRIVE
69+18.0	LT	7	ASPHALT DRIVE
70+87.0	LT	118	ASPHALT DRIVE
75+52.0	LT	29	ASPHALT DRIVE
76+29.0	RT	44	GRAVEL DRIVE
76+45.0	LT	9	ASPHALT DRIVE
77+25.0	RT	14	GRAVEL DRIVE
79+35.0	RT	18	ASPHALT DRIVE
80+78.0	RT	10	GRAVEL DRIVE
81+00.0	LT	45	GRAVEL DRIVE
81+18.0	RT	5	GRAVEL DRIVE
81+58.0	RT	7	GRAVEL DRIVE
82+30.0	LT	13	ASPHALT DRIVE
82+58.0	RT	7	GRAVEL DRIVE
82+86.0	RT	7	GRAVEL DRIVE
82+90.0	LT	40	ASPHALT DRIVE
83+79.0	RT	11	ASPHALT DRIVE
86+00.0	RT	20	ASPHALT DRIVE
87+49.0	LT	12	ASPHALT DRIVE
89+00.0	LT	19	ASPHALT DRIVE
93+42.0	RT	13	ASPHALT DRIVE
93+85.0	RT	10	ASPHALT DRIVE
94+32.0	RT	9	GRAVEL DRIVE
95+94.0	RT	13	ASPHALT DRIVE
96+61.0	RT	13	ASPHALT DRIVE
98+92.0	RT	11	ASPHALT DRIVE
99+55.0	RT	11	ASPHALT DRIVE

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
FAIR HAVEN:			
99+91.0	RT	8	ASPHALT DRIVE
100+05.0	LT	8	ASPHALT DRIVE
100+41.0	RT	8	GRAVEL DRIVE
100+51.0	LT	10	ASPHALT DRIVE
100+72.0	RT	7	GRAVEL DRIVE
101+64.0	LT	9	ASPHALT DRIVE
101+92.0	RT	11	ASPHALT DRIVE
102+53.0	RT	7	GRAVEL DRIVE
102+83.0	LT	4	ASPHALT DRIVE
103+01.0	RT	9	ASPHALT DRIVE
103+85.0	RT	8	ASPHALT DRIVE
103+99.0	LT	9	GRAVEL DRIVE
104+49.0	RT	8	GRAVEL DRIVE
104+66.0	LT	8	GRAVEL DRIVE
105+01.0	RT	12	GRAVEL DRIVE
105+32.0	LT	8	ASPHALT DRIVE
105+99.0	LT	8	GRAVEL DRIVE
106+12.0	RT	8	ASPHALT DRIVE
106+62.0	LT	9	ASPHALT DRIVE
107+27.0	LT	8	ASPHALT DRIVE
107+38.0	RT	10	ASPHALT DRIVE
107+61.0	LT	11	ASPHALT DRIVE
108+63.0	RT	8	ASPHALT DRIVE
109+06.0	RT	7	GRAVEL DRIVE
109+56.0	RT	8	ASPHALT DRIVE
109+60.0	LT	8	GRAVEL DRIVE
110+09.0	RT	7	GRAVEL DRIVE
110+28.0	LT	8	GRAVEL DRIVE
110+89.0	LT	8	GRAVEL DRIVE
111+23.0	RT	16	ASPHALT DRIVE
111+63.0	LT	8	GRAVEL DRIVE
111+73.0	RT	16	ASPHALT DRIVE
112+23.0	LT	8	GRAVEL DRIVE
113+20.0	LT	5	GRAVEL DRIVE
113+25.0	RT	7	GRAVEL DRIVE
114+72.0	LT	10	GRAVEL DRIVE
115+25.0	LT	8	ASPHALT DRIVE
115+26.0	RT	10	GRAVEL DRIVE
116+00.0	RT	12	GRAVEL DRIVE
116+31.0	LT	9	ASPHALT DRIVE
116+85.0	RT	5	ASPHALT DRIVE
117+14.0	RT	8	ASPHALT DRIVE
118+56.0	LT	14	ASPHALT DRIVE
118+90.0	RT	8	ASPHALT DRIVE
119+56.0	RT	9	ASPHALT DRIVE
119+62.0	LT	9	ASPHALT DRIVE
120+24.0	RT	8	ASPHALT DRIVE
120+63.0	LT	7	ASPHALT DRIVE
121+04.0	RT	8	ASPHALT DRIVE
121+89.0	LT	7	ASPHALT DRIVE
122+36.0	RT	8	ASPHALT DRIVE
123+28.0	LT	9	ASPHALT DRIVE
123+31.0	RT	8	ASPHALT DRIVE
124+13.0	LT	9	ASPHALT DRIVE
124+57.0	LT	6	ASPHALT DRIVE
125+19.0	RT	7	ASPHALT DRIVE
126+11.0	LT	8	ASPHALT DRIVE
126+82.0	RT	19	ASPHALT DRIVE
SUBTOTAL:		1612	
ROUNDING:		13	
TOTAL:		1625	

STP HES 2614(I)S FAIR HAVEN - CASTLETON

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
FAIR HAVEN:			
15+93.0	RT	4	ASPHALT DRIVE
15+99.0	LT	4	GRAVEL DRIVE
20+85.0	LT	4	GRAVEL DRIVE
27+87.0	RT	4	GRAVEL DRIVE
28+03.0	RT	138	ASPHALT DRIVE
30+10.0	LT	223	GRAVEL DRIVE
31+71.0	RT	4	GRAVEL DRIVE
38+64.0	LT	4	ASPHALT DRIVE
38+87.0	RT	68	ASPHALT DRIVE
40+50.0	LT	14	GRAVEL DRIVE
47+45.0	RT	113	GRAVEL DRIVE
47+84.0	LT	29	GRAVEL DRIVE
49+39.0	LT	4	GRAVEL DRIVE
135+16.0	LT	128	GRAVEL DRIVE
141+33.0	RT	136	ASPHALT DRIVE
143+38.0	RT	46	GRAVEL DRIVE
146+04.0	LT	164	GRAVEL DRIVE
151+92.0	RT	4	GRAVEL DRIVE
152+93.0	RT	4	GRAVEL DRIVE
154+67.0	LT	4	GRAVEL DRIVE
160+43.0	LT	4	GRAVEL DRIVE
165+12.0	LT	94	GRAVEL DRIVE
167+84.0	RT	4	GRAVEL DRIVE
169+12.0	LT	4	ASPHALT DRIVE
170+15.0	LT	4	ASPHALT DRIVE
CASTLETON:			
1+02.0	RT	45	GRAVEL DRIVE
1+72.0	LT	4	GRAVEL DRIVE
5+27.0	LT	4	ASPHALT DRIVE
14+05.0	RT	4	GRAVEL DRIVE
16+39.0	LT	4	ASPHALT DRIVE
18+34.0	LT	4	GRAVEL DRIVE
20+91.0	RT	39	GRAVEL DRIVE
21+67.0	LT	4	GRAVEL DRIVE
24+18.0	RT	4	GRAVEL DRIVE
24+89.0	LT	22	GRAVEL DRIVE
30+18.0	RT	18	ASPHALT DRIVE
30+29.0	LT	4	GRAVEL DRIVE
30+62.0	LT	4	ASPHALT DRIVE
31+15.0	LT	4	ASPHALT DRIVE
32+75.0	LT	4	ASPHALT DRIVE
33+44.0	RT	4	GRAVEL DRIVE
33+81.0	LT	4	ASPHALT DRIVE
34+56.0	LT	4	GRAVEL DRIVE
34+70.0	RT	4	GRAVEL DRIVE
35+31.0	LT	4	GRAVEL DRIVE
35+91.0	RT	4	GRAVEL DRIVE
38+10.0	LT	4	ASPHALT DRIVE
39+45.0	LT	4	ASPHALT DRIVE
40+03.0	LT	4	ASPHALT DRIVE
41+44.0	LT	4	GRAVEL DRIVE

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
CASTLETON:			
42+72.0	RT	4	ASPHALT DRIVE
42+76.0	LT	4	GRAVEL DRIVE
43+44.0	LT	4	GRAVEL DRIVE
44+53.0	LT	4	GRAVEL DRIVE
44+83.0	LT	22	GRAVEL DRIVE
45+25.0	RT	4	ASPHALT DRIVE
46+80.0	LT	102	ASPHALT DRIVE
48+47.0	RT	4	GRAVEL DRIVE
49+18.0	LT	60	ASPHALT DRIVE
50+25.0	RT	4	GRAVEL DRIVE
51+09.0	LT	4	GRAVEL DRIVE
51+24.0	RT	13	ASPHALT DRIVE
53+00.0	LT	58	ASPHALT DRIVE
53+24.0	RT	40	ASPHALT DRIVE
53+99.0	LT	4	ASPHALT DRIVE
54+33.0	RT	4	GRAVEL DRIVE
54+63.0	RT	4	GRAVEL DRIVE
56+25.0	RT	4	GRAVEL DRIVE
56+99.0	RT	4	GRAVEL DRIVE
57+69.0	RT	4	GRAVEL DRIVE
58+64.0	LT	4	GRAVEL DRIVE
59+01.0	RT	25	GRAVEL DRIVE
61+19.0	RT	4	GRAVEL DRIVE
61+92.0	LT	38	GRAVEL DRIVE
62+06.0	LT	13	GRAVEL DRIVE
62+98.0	RT	9	GRAVEL DRIVE
64+47.0	RT	7	ASPHALT DRIVE
65+81.0	LT	9	GRAVEL DRIVE
66+01.0	RT	9	GRAVEL DRIVE
66+44.0	LT	13	ASPHALT DRIVE
66+80.0	RT	9	GRAVEL DRIVE
67+21.0	RT	7	GRAVEL DRIVE
67+87.0	LT	13	ASPHALT DRIVE
68+56.0	RT	11	GRAVEL DRIVE
69+37.0	LT	4	ASPHALT DRIVE
70+15.0	LT	9	GRAVEL DRIVE
70+80.0	LT	43	ASPHALT DRIVE
70+96.0	LT	4	ASPHALT DRIVE
71+57.0	RT	173	ASPHALT DRIVE
72+48.0	LT	4	ASPHALT DRIVE
73+26.0	LT	4	ASPHALT DRIVE
74+75.0	LT	4	ASPHALT DRIVE
75+12.0	RT	24	ASPHALT DRIVE
76+76.0	LT	13	ASPHALT DRIVE
76+98.0	RT	4	ASPHALT DRIVE
77+22.0	LT	4	ASPHALT DRIVE
78+10.0	LT	20	ASPHALT DRIVE
80+54.0	LT	109	ASPHALT DRIVE
80+77.0	RT	4	ASPHALT DRIVE
81+69.0	RT	4	ASPHALT DRIVE
82+35.0	RT	9	GRAVEL DRIVE

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
CASTLETON:			
84+10.0	RT	4	ASPHALT DRIVE
85+25.0	RT	4	ASPHALT DRIVE
86+29.0	RT	4	ASPHALT DRIVE
86+31.0	LT	4	ASPHALT DRIVE
86+85.0	RT	4	ASPHALT DRIVE
87+64.0	LT	4	ASPHALT DRIVE
87+64.0	RT	4	ASPHALT DRIVE
88+58.0	LT	4	ASPHALT DRIVE
88+95.0	RT	4	ASPHALT DRIVE
89+04.0	LT	4	GRAVEL DRIVE
89+59.0	LT	4	GRAVEL DRIVE
90+94.0	RT	40	ASPHALT DRIVE
90+69.0	LT	26	ASPHALT DRIVE
91+09.0	LT	4	ASPHALT DRIVE
91+75.0	LT	40	ASPHALT DRIVE
92+03.0	RT	24	ASPHALT DRIVE
92+82.0	LT	4	ASPHALT DRIVE
96+30.0	LT	4	GRAVEL DRIVE
96+85.0	RT	4	ASPHALT DRIVE
98+01.0	LT	4	ASPHALT DRIVE
98+36.0	RT	4	GRAVEL DRIVE
98+54.0	LT	4	GRAVEL DRIVE
99+01.0	RT	4	ASPHALT DRIVE
99+79.0	RT	6	GRAVEL DRIVE
100+33.0	LT	4	ASPHALT DRIVE
100+74.0	RT	9	GRAVEL DRIVE
101+65.0	LT	4	GRAVEL DRIVE
101+94.0	LT	4	ASPHALT DRIVE
104+12.0	LT	4	ASPHALT DRIVE
104+12.0	LT	4	GRAVEL DRIVE
105+79.0	RT	45	ASPHALT DRIVE
106+28.0	LT	10	GRAVEL DRIVE
106+48.0	RT	7	GRAVEL DRIVE
108+20.0	LT	13	ASPHALT DRIVE
108+27.0	RT	24	ASPHALT DRIVE
109+42.0	LT	4	GRAVEL DRIVE
111+73.0	RT	4	GRAVEL DRIVE
125+13.0	RT	4	GRAVEL DRIVE
126+63.0	RT	26	ASPHALT DRIVE
128+27.0	RT	4	ASPHALT DRIVE
128+97.0	RT	62	ASPHALT DRIVE
130+77.0	RT	11	ASPHALT DRIVE
131+49.0	RT	25	ASPHALT DRIVE
131+68.0	LT	4	ASPHALT DRIVE
134+23.0	LT	4	GRAVEL DRIVE
136+10.0	RT	4	GRAVEL DRIVE
137+66.0	LT	13	GRAVEL DRIVE

STATION	POSITION	QUANTITY (SY)	TYPE OF HANDWORK
CASTLETON:			
139+15.0	LT	4	GRAVEL DRIVE
139+34.0	RT	4	ASPHALT DRIVE
143+90.0	LT	4	GRAVEL DRIVE
144+89.0	LT	4	GRAVEL DRIVE
147+02.0	LT	4	ASPHALT DRIVE
FAIR HAVEN STATE HIGHWAY:			
1+28.0	RT	16	ASPHALT DRIVE
1+71.0	LT	12	ASPHALT DRIVE
2+04.0	LT	8	ASPHALT DRIVE
2+64.0	LT	18	ASPHALT DRIVE
2+67.0	LT	15	ASPHALT DRIVE
3+67.0	RT	9	ASPHALT DRIVE
4+15.0	LT	8	ASPHALT DRIVE
4+72.0	RT	5	ASPHALT DRIVE
5+17.0	LT	5	ASPHALT DRIVE
5+99.0	RT	5	ASPHALT DRIVE
6+11.0	LT	8	ASPHALT DRIVE
6+73.0	RT	7	ASPHALT DRIVE
7+09.0	LT	8	ASPHALT DRIVE
8+07.0	RT	7	ASPHALT DRIVE
8+11.0	LT	7	ASPHALT DRIVE
8+70.0	LT	6	ASPHALT DRIVE
9+13.0	RT	7	ASPHALT DRIVE
9+78.0	LT	9	ASPHALT DRIVE
10+22.5	RT	8	GRAVEL DRIVE
13+43.5	RT	8	GRAVEL DRIVE
SUBTOTAL:		3076	
ROUNDING:		24	
TOTAL:		3100	

COMPOSITE HANDWORK TABLES SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
STP HES 2614(I)S, STP 2615(I)S,
PROJECT NUMBER: NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
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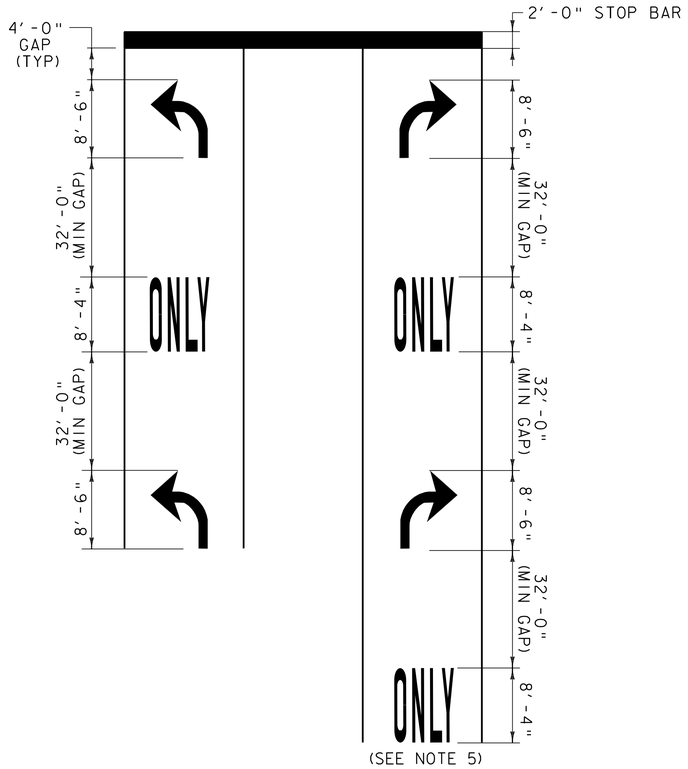
DESIGNED BY: M.J.M.
IPARM FILE: p06c058chts.i

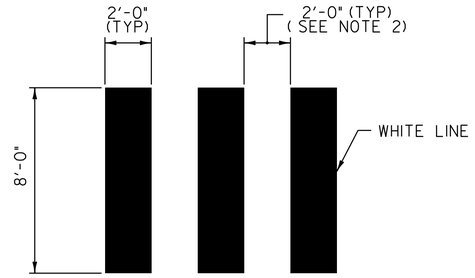
PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 9 OF 157



TYPICAL MARKINGS FOR TURN LANES

NOTES:

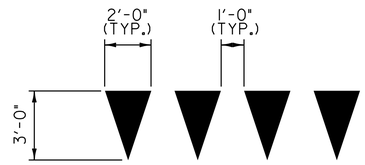
1. MARKINGS START AT THE BEGINNING OF SOLID LANE LINE.
2. THE "ONLY" WORD MARKINGS SHALL BE USED TO SUPPLEMENT LANE-USE ARROW MARKINGS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. IF LANE LENGTH IS LESS THAN 50 FEET, ONLY ONE TURN ARROW PLACED AT THE BEGINNING OF THE SOLID LANE LINE IS REQUIRED.
4. THE LONGITUDINAL SPACE BETWEEN WORD OR SYMBOL MESSAGE MARKINGS SHOULD BE AT LEAST FOUR TIMES THE HEIGHT OF THE CHARACTERS USED FOR LOW SPEED ROADS, BUT NOT MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTERS UNDER ANY CONDITIONS.
5. A SECOND "ONLY" IS OPTIONAL WHEN SPACE PERMITS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
6. EXCLUSIVE TURN LANES (LEFT OR RIGHT) LANE LINES SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE.



DETAIL OF CROSSWALK MARKINGS

NOTES:

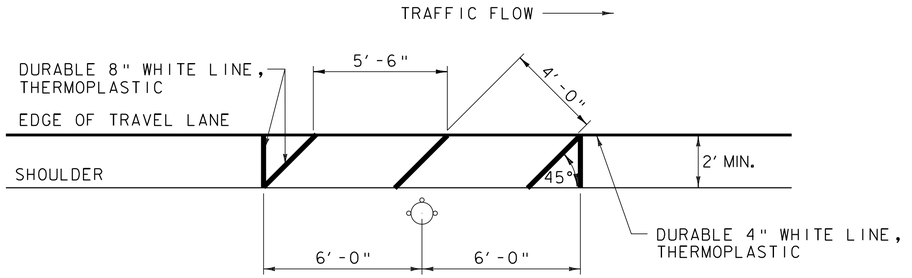
1. THE PER FOOT COST OF INSTALLED CROSSWALK, SHALL BE PAID AS ITEM 646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC AND 646.702 TEMPORARY CROSSWALK MARKING, PAINT
2. ADJUST SPACING (12" - 24") TO AVOID WHEEL PATHS.



YIELD LINE DETAILS

NOTE:

1. EACH TRIANGLE SHALL BE PAID AS ONE EACH ITEM 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC OR 646.692 TEMPORARY LETTER OR SYMBOL, PAINT.



FIRE HYDRANT PAVEMENT MARKING DETAIL

VT. ROUTE 4A

CASTLETON:
STA 29+14.0 RT
STA 36+51.0 RT
STA 46+25.0 RT
STA 50+78.0 RT
STA 55+51.0 RT
STA 63+60.0 RT
STA 68+14.0 LT
STA 74+04.0 LT
STA 79+07.0 LT
STA 84+09.0 LT
STA 88+86.0 LT
STA 93+17.0 LT
STA 97+54.0 LT
STA 101+33.0 LT
STA 107+88.0 RT
STA 119+15.0 RT
STA 125+96.0 RT
STA 129+96.0 RT
STA 135+70.0 LT
STA 140+99.0 LT
APPROACH LT

FAIR HAVEN STATE HIGHWAY:
STA 5+29.0 LT

VT. ROUTE 4A

FAIR HAVEN:
STA 50+21.0 RT
STA 56+41.0 RT
STA 64+29.0 RT
STA 64+82.0 LT
STA 69+39.0 LT
STA 75+35.0 RT
STA 84+80.0 RT
STA 87+53.0 RT
STA 101+49.0 LT
STA 123+54.0 LT

NOTE:

1. THE CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE EDGE HYDRANT PAVEMENT MARKINGS TO MEET THE EXISTING SITE CONSTRAINTS AS DIRECTED BY THE RESIDENT ENGINEER.

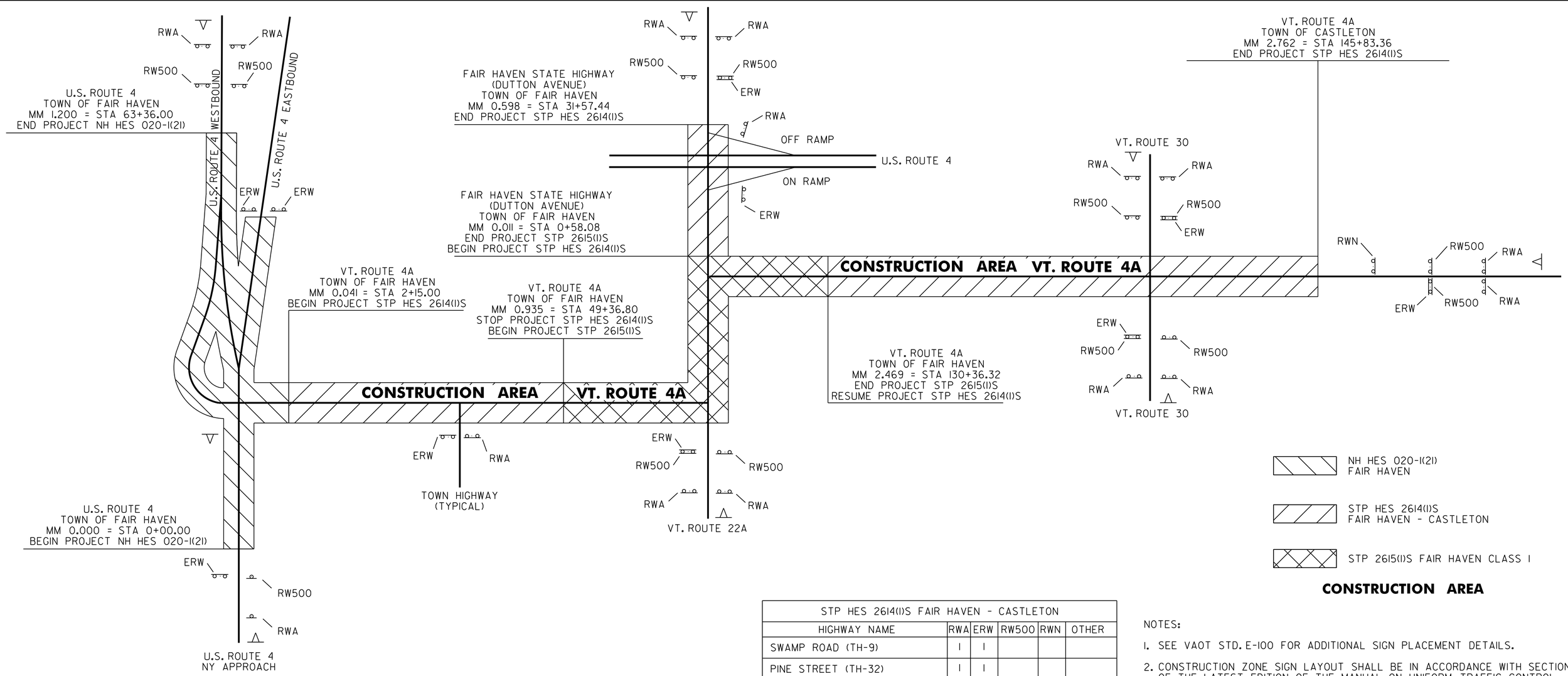
NOT TO SCALE

COMPOSITE MISCELLANEOUS DETAILS SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
STP HES 2614(1)S, STP 2615(1)S,
PROJECT NUMBER: NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058cmds.i

PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 10 OF 157



SIGN LEGEND

RWA = ROAD WORK AHEAD
RW500 = ROAD WORK 500 FEET
ERW = END ROAD WORK
RWN = ROAD WORK NEXT 6 MILES

◁ = PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

CONSTRUCTION APPROACH SIGNING

HES 020-1(21) FAIR HAVEN					
HIGHWAY NAME	RWA	ERW	RW500	RWN	OTHER
U.S. ROUTE 4 NY APPROACH	1	1	1		1-PCMS
U.S. ROUTE 4					1-PCMS
U.S. ROUTE 4 WESTBOUND	2		2		1-PCMS
U.S. ROUTE 4 EASTBOUND		2			
TOTAL	3	3	3		3-PCMS

STP 2615(1)S FAIR HAVEN CLASS I					
HIGHWAY NAME	RWA	ERW	RW500	RWN	OTHER
CEDAR STREET (TH-55)	1	1			
GROVE STREET (TH-64)	1	1			
PLEASANT STREET (TH-57)	1	1			
ADAMS STREET (TH-50)	1	1			
VT. ROUTE 22A	2	1	2		1-PCMS
MARBLE STREET (TH-54)	1	1			
RIVER STREET (TH-8)	1	1			
LIBERTY STREET (TH-44)	1	1			
SOUTH PARK PLACE (TH-53)	1	1			
MAPLE STREET (TH-43)	1	1			
N. PARK PLACE FORK (TH-3)	1	1			
N. PARK PLACE (TH-3)	1	1			
ALLEN STREET (TH-41)	1	1			
TOTAL	14	13	2		1-PCMS

STP HES 2614(1)S FAIR HAVEN - CASTLETON					
HIGHWAY NAME	RWA	ERW	RW500	RWN	OTHER
SWAMP ROAD (TH-9)	1	1			
PINE STREET (TH-32)	1	1			
CREEK ROAD (TH-2)	1	1			
BLISSVILLE ROAD (TH-6)	1	1			
EAST CREEK DRIVE (TH-69)	1	1			
PARK STREET (TH-38)	2	2			
FARR DRIVE (TH-75)	1	1			
COREY LANE (TH-74)	1	1			
DRAKE ROAD (TH-24)	1	1			
VT. ROUTE 30 (NORTH)	2	1	2		1-PCMS
VT. ROUTE 30 (SOUTH)	2	1	2		1-PCMS
PATRICIA LANE (TH-72)	1	1			
SAND HILL ROAD (TH-42)	1	1			
VT. ROUTE 4A - END PROJECT	2	1	2		1-PCMS
FOURTH STREET (TH-8)	1	1		1	
U.S. ROUTE 4 ON RAMP		1			
U.S. ROUTE 4 OFF RAMP	1				
FAIR HAVEN STATE HIGHWAY	2	1	2		1-PCMS
TOTAL	22	18	8	1	4-PCMS

NOTES:

1. SEE VAOT STD. E-100 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
2. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
4. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
5. RETROREFLECTIVE SIGN SHEETING SHALL BE MINIMUM TYPE VII FOR ALL SOLID SUBSTRATE SIGNS AND MINIMUM TYPE VI FOR ALL ROLL-UP SIGNS.
6. ALL SIGN STANDS AND POST INSTALLATIONS SHALL BE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT (NCHRP) 350 COMPLIANT.
7. THERE SHALL BE NO LANE CLOSURES ON THE U.S. ROUTE 4 NY APPROACH FROM 3:00 PM TO 7:00 PM, MONDAY THROUGH FRIDAY.
8. PORTABLE CHANGEABLE MESSAGE SIGNS ARE TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
9. PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER ITEM 641.10 TRAFFIC CONTROL (HES 020-1(21), ITEM 641.10 TRAFFIC CONTROL (STP HES 2614(1)S) AND ITEM 641.10 TRAFFIC COMTROL (STP 2615(1)S).

NOT TO SCALE

COMPOSITE TRAFFIC CONTROL PLAN SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON & FAIR HAVEN
STP HES 2614(1)S, STP 2615(1)S,
PROJECT NUMBER: NH HES 020-1(21) & STP SRN (004)

FILE NAME: p06c058.dgn
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PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
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INDEX OF SHEETS
SEE SHEET 2

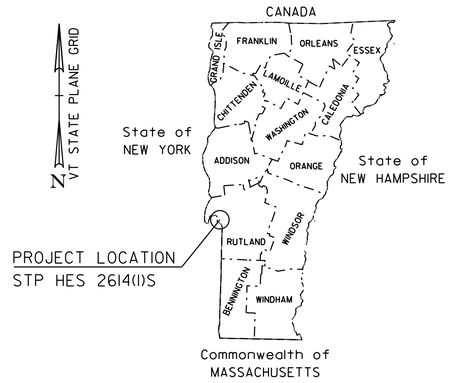
STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
TOWNS OF FAIR HAVEN & CASTLETON
COUNTY OF RUTLAND
VT. ROUTE 4A

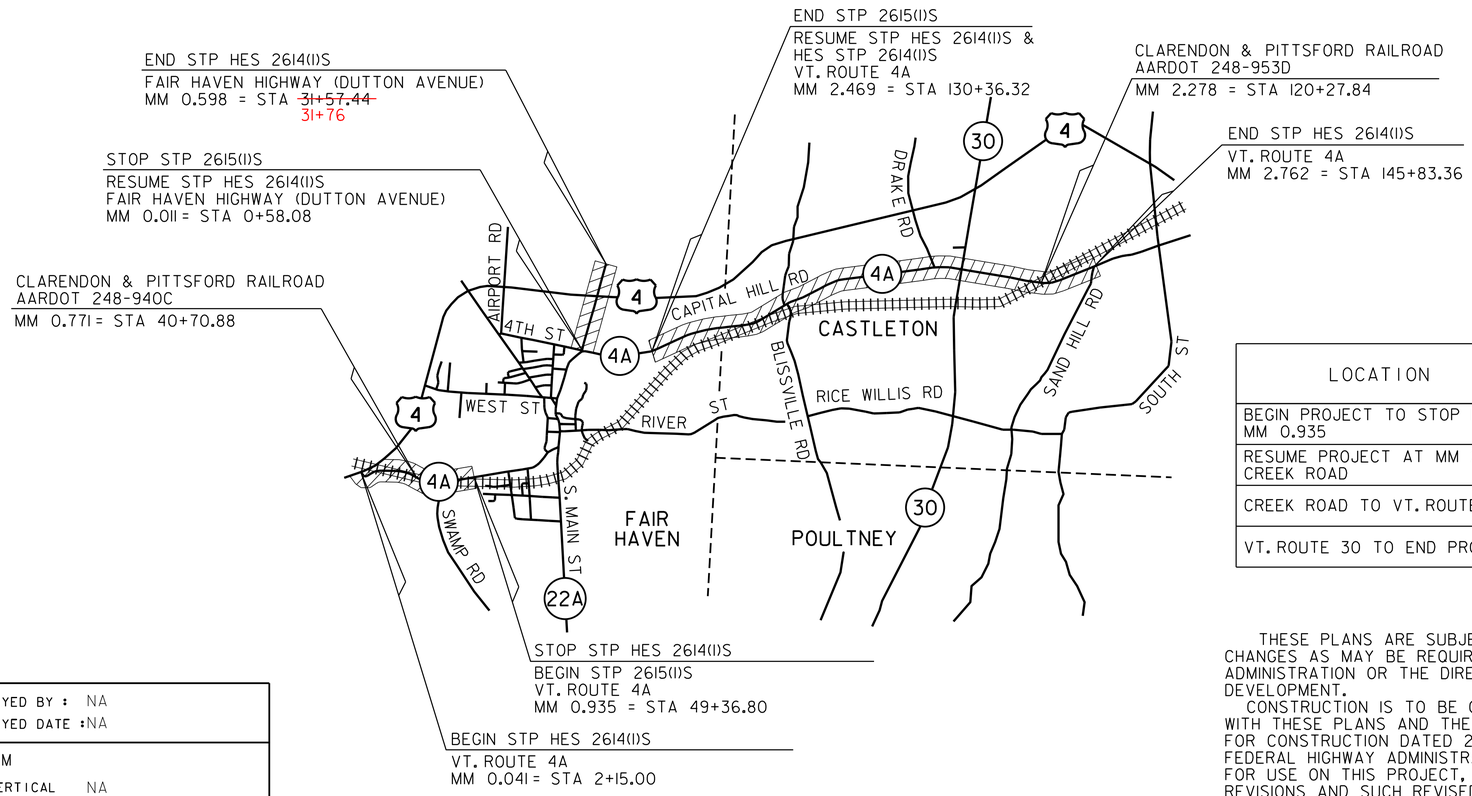
BEGINNING IN THE TOWN OF FAIR HAVEN ON VT. ROUTE 4A AT MILE MARKER 0.041 = STA 2+15.00 AND EXTENDING EASTERLY FOR A DISTANCE OF 4721.80 FEET (0.894 MILE) TO A POINT IN THE TOWN OF FAIR HAVEN AT MILE MARKER 0.935 = STA 49+36.80. THE PROJECT RESUMES IN THE TOWN OF FAIR HAVEN ON VT. ROUTE 4A AT MILE MARKER 2.469 = STA 130+36.32 AND EXTENDING EASTERLY FOR A DISTANCE OF 18,722.88 FEET (3.546 MILES) TO A POINT IN THE TOWN OF CASTLETON AT MILE MARKER 2.762 = STA 145+83.36. THE PROJECT ALSO RESUMES IN THE TOWN OF FAIR HAVEN ON THE FAIR HAVEN STATE HIGHWAY AT MILE MARKER 0.011 = STA 0+58.08 AND EXTENDING NORTHERLY FOR A DISTANCE OF 3,099.36 FEET (0.587 MILE) TO A POINT IN THE TOWN OF FAIR HAVEN AT MILE MARKER 0.598 = STA 31+57.44.

LENGTH OF ROADWAY 26,544.04 FT (5.027 MILES)
LENGTH OF PROJECT 26,544.04 FT (5.027 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A SHIM/LEVELING COURSE AND WEARING COURSE, NEW PAVEMENT MARKINGS, DRAINAGE IMPROVEMENTS, GUARDRAIL IMPROVEMENTS, VEHICLE DETECTOR LOOPS, AT-GRADE RAIL CROSSING REHABILITATION, NEW SIGNS AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	912,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS



TRAFFIC DATA

LOCATION	ADT		DHV		ESALS	ESALS
	2009	2019	2009	2019	2009-2019	2009-2019
BEGIN PROJECT TO STOP PROJECT AT MM 0.935	1100	1300	120	150	217,000	517,000
RESUME PROJECT AT MM 2.469 TO CREEK ROAD	4800	5300	540	600	674,000	1,755,000
CREEK ROAD TO VT. ROUTE 30	6100	6800	690	770	694,000	1,825,000
VT. ROUTE 30 TO END PROJECT	4600	5100	520	580	468,000	1,133,000

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 SR SR SR
TOP OF CUT
TOE OF SLOPE

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 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.

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PROJECT MANAGER : TED DOMEY

PROJECT NAME : FAIR HAVEN - CASTLETON
PROJECT NUMBER : STP HES 2614(1)S

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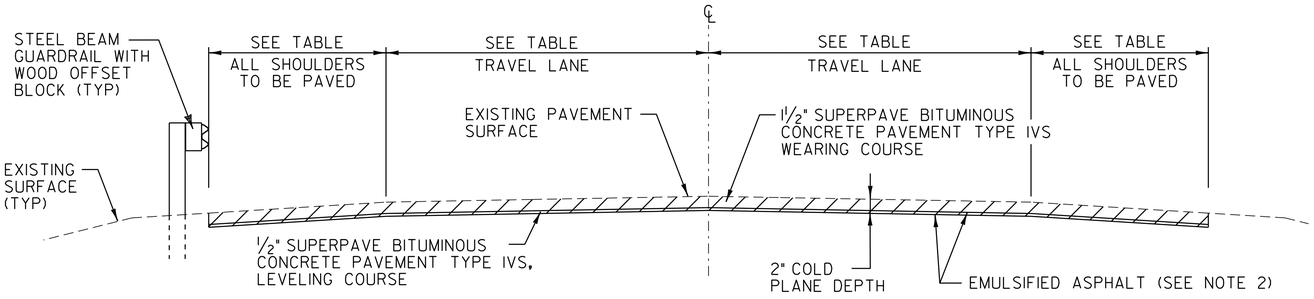
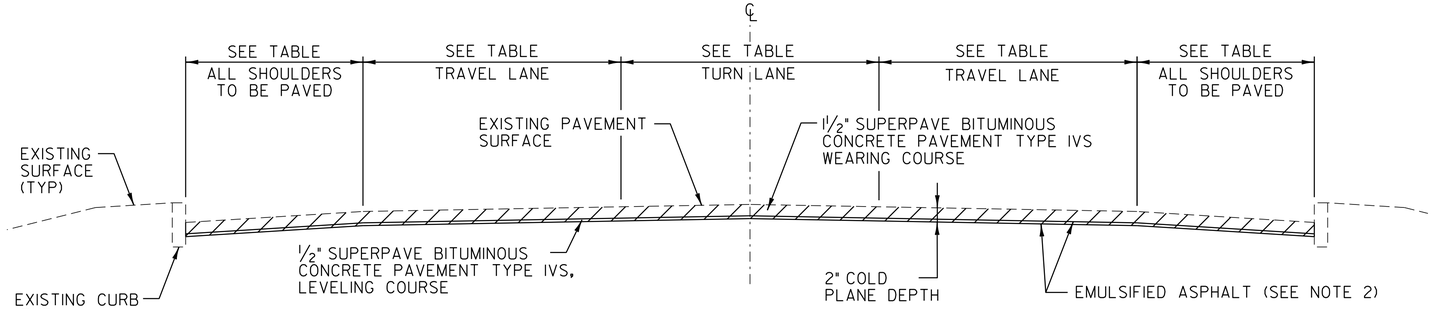


COLD PLANE TYPICAL SECTION

VT. ROUTE 4A	FAIR HAVEN	STA 2+15.00	TO FAIR HAVEN	STA 49+36.80
VT. ROUTE 4A	FAIR HAVEN	STA 130+36.32	TO FAIR HAVEN	STA 171+75.84
VT. ROUTE 4A	CASTLETON	STA 0+00.00	TO CASTLETON	STA 90+35.00
VT. ROUTE 4A	CASTLETON	STA 99+20.00	TO CASTLETON	STA 145+83.36
VT. ROUTE 4A	FAIR HAVEN HIGHWAY	STA 0+58.08	TO FAIR HAVEN HIGHWAY	STA 31+57.44



COLD PLANE TYPICAL SECTION

VT. ROUTE 4A CASTLETON STA 90+35.00 TO CASTLETON STA 99+20.00

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
FAIR HAVEN:						
VT. ROUTE 4A	2+15.00	5+75.00	VARIES - SEE LAYOUT	1½"	66	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	5+75.00	10+65.00	9'-0" - 15'-0" - 15'-0" - 9'-0"	1½"	60	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	10+65.00	49+36.80	3'-0" - 11'-0" - 11'-0" - 3'-0"	1½"	351	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	130+36.32	171+75.84	3'-0" - 11'-0" - 11'-0" - 3'-0"	1½"	376	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
CASTLETON:						
VT. ROUTE 4A	0+00.00	26+50.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1½"	313	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	26+50.00	26+85.00	11'-0" - 11'-0" - 11'-0" - 12'-0"	1¼"	-	BR 3 COLD PLANE 1¼" & PAVE 1¼" TYPE IVS
VT. ROUTE 4A	26+85.00	31+50.00	VARIES - SEE LAYOUT	1½"	49	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	31+50.00	73+90.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1½"	389	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	73+90.00	90+35.00	7'-0" - 11'-0" - 11'-0" - 4'-0"	1½"	184	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	90+35.00	99+20.00	VARIES - SEE LAYOUT	1½"	97	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	99+20.00	107+75.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1½"	90	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	107+75.00	116+68.00	8'-0" - 12'-0" - 12'-0" - 8'-0"	1½"	114	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	116+68.00	117+94.00	3'-0" - 12'-0" - 12'-0" - 3'-0"	1¼"	-	BR 4 COLD PLANE 1¼" & PAVE 1¼" TYPE IVS
VT. ROUTE 4A	117+94.00	118+60.00	3'-0" - 12'-0" - 12'-0" - 3'-0"	1½"	7	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	118+60.00	132+40.00	8'-0" - 12'-0" - 12'-0" - 8'-0"	1½"	157	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	132+40.00	145+83.36	3'-0" - 12'-0" - 12'-0" - 3'-0"	1½"	145	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
FAIR HAVEN HIGHWAY:						
DUTTON AVE	0+58.08	18+60.00	10'-0" - 12'-0" - 12'-0" - 10'-0"	1½"	254	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
DUTTON AVE	18+60.00	19+15.00	4'-0" - 12'-0" - 12'-0" - 4'-0"	1½"	6	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
DUTTON AVE	19+15.00	20+86.00	4'-0" - 12'-0" - 12'-0" - 4'-0"	1¼"	-	BR 1 COLD PLANE 1¼" & PAVE 1¼" TYPE IVS
DUTTON AVE	20+86.00	22+64.00	4'-0" - 12'-0" - 12'-0" - 4'-0"	1½"	18	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
DUTTON AVE	22+64.00	24+32.00	4'-0" - 12'-0" - 12'-0" - 4'-0"	1¼"	-	BR 2 COLD PLANE 1¼" & PAVE 1¼" TYPE IVS
DUTTON AVE	24+32.00	27+15.00	4'-0" - 12'-0" - 12'-0" - 4'-0"	1½"	31	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
DUTTON AVE	27+15.00	31+15.00	6'-0" - 12'-0" - 12'-0" - 6'-0"	1½"	45	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
DUTTON AVE	31+15.00	31+57.44	2'-0" - 12'-0" - 12'-0" - 2'-0"	1½"	4	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- ¼" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. COLD PLANING SHALL BE COMPLETED AS NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP.
6. ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE 1, 608.37 TRUCK RENTAL AND 608.40 LOADER RENTAL, TYPE 1 HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES. AN ESTIMATED QUANTITY OF 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE. 25 CUBIC YARDS OF EARTH MATERIAL HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE AREA. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN 1-6 CREATED BY THE GUARDRAIL END SECTION FLARES. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE.
7. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED. AN ESTIMATED QUANTITY OF 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS HAS BEEN INCLUDED IN THE CASE THAT 8' POSTS ARE REQUIRED OR AS DIRECTED BY THE RESIDENT ENGINEER.
8. SOME BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WOULD INCLUDE DRIVES, AND SOME SIDE ROADS, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 900.675, SPECIAL PROVISION (HAND PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
9. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
10. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE 1 OR ITEM 608.15 POWER GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.
11. PIPE INLET AND OUTLET AREAS AND AREAS OF DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS SPECIFIED ON PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT SHALL BE MADE UNDER APPLICABLE RENTAL ITEM(S).
12. ESTIMATED QUANTITIES OF ITEM 613.10 STONE FILL, TYPE 1, ITEM 649.31 GEOTEXTILE UNDER STONE FILL AND ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE 1 HAVE BEEN INCLUDED TO PROVIDE FOR REPAIR OF EXISTING STONE LINED DRAINAGE OUTLETS OR WASHOUTS LOCATED ALONG THE ROADWAY SIDE SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE

% WT.	LBS./A.	NAME	PUR. %	GERM. %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

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

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

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

NOT TO SCALE

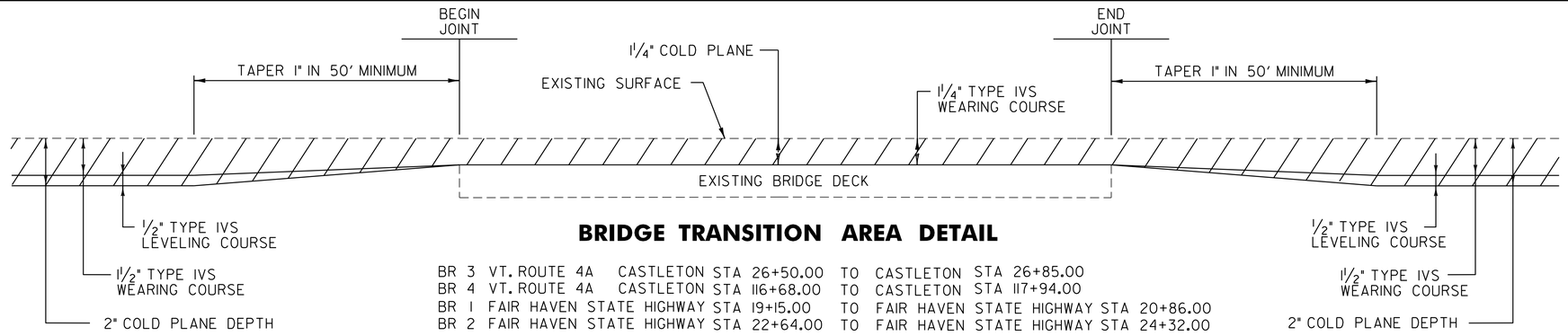
PROJECT TYPICAL SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

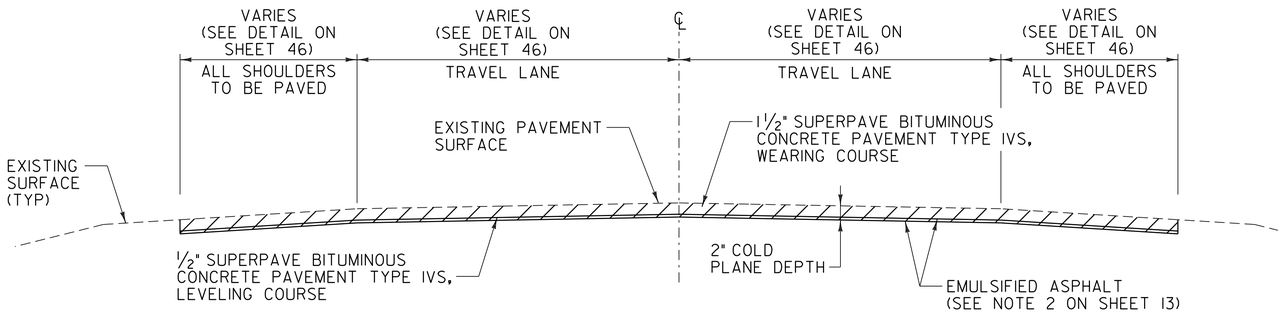
FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058pts.i

PLOT DATE: 22-FEB-2012 12:4
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 13 OF 157



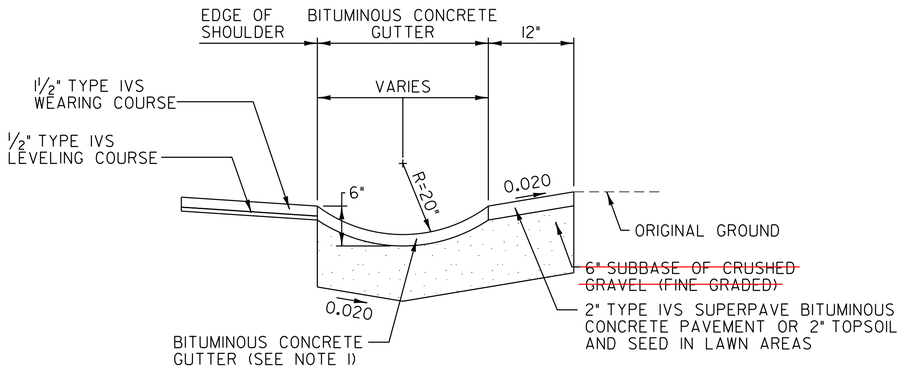
BRIDGE TRANSITION AREA DETAIL

BR 3 VT. ROUTE 4A CASTLETON STA 26+50.00 TO CASTLETON STA 26+85.00
BR 4 VT. ROUTE 4A CASTLETON STA 116+68.00 TO CASTLETON STA 117+94.00
BR 1 FAIR HAVEN STATE HIGHWAY STA 19+15.00 TO FAIR HAVEN STATE HIGHWAY STA 20+86.00
BR 2 FAIR HAVEN STATE HIGHWAY STA 22+64.00 TO FAIR HAVEN STATE HIGHWAY STA 24+32.00



COLD PLANE TYPICAL SECTION

WELCOME CENTER STA W0+35.00 TO WELCOME CENTER W12+75.00



BITUMINOUS CONCRETE GUTTER DETAIL

FAIR HAVEN HIGHWAY

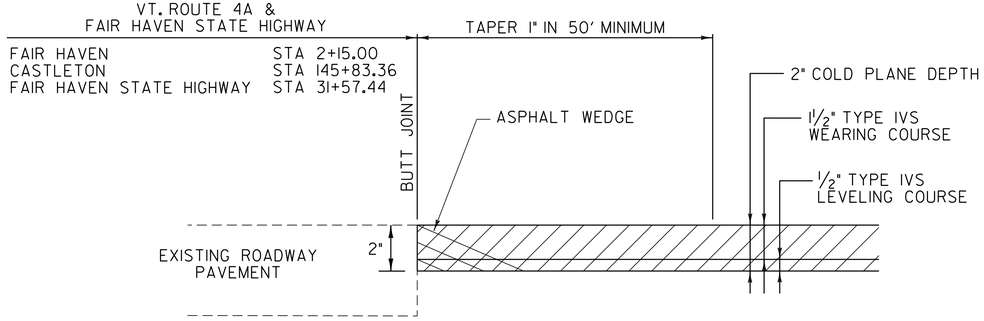
STA 20+93.0 - STA 20+95.0 LT (0.4 TON)
STA 21+03.5 - STA 21+05.5 RT (0.4 TON)

VT. ROUTE 4A CASTLETON

STA 27+40.0 - STA 28+95.0 LT (18.1 TON)
STA 27+80.0 - STA 28+30.0 RT (1.9 TON)
STA 29+60.0 - STA 31+25.0 LT (6.4 TON)
STA 64+27.0 - STA 65+40.0 LT (4.4 TON)
STA 68+00.0 - STA 69+07.0 LT (6.9 TON)

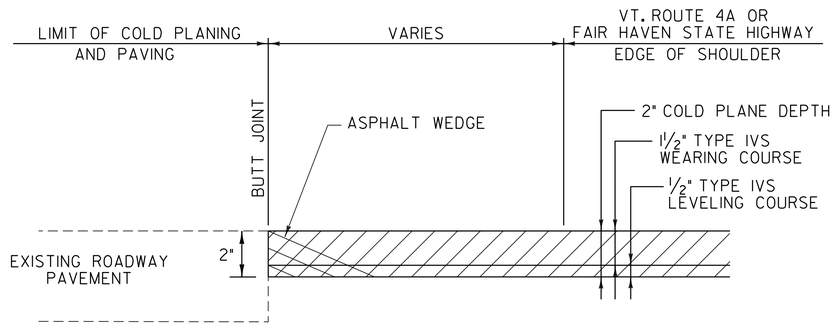
NOTE:

1. BITUMINOUS CONCRETE GUTTER TO BE CONSTRUCTED BY PLACING 1-2" TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT LIFT AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.



MAINLINE APPROACH AREA DETAIL

FAIR HAVEN MM 0.042 = STA 2+15.00 - BEGIN PROJECT
CASTLETON MM 2.762 = STA 145+83.36 - END PROJECT
FAIR HAVEN STATE HIGHWAY MM 0.598 = STA ~~31+57.44~~ 31+76 - END PROJECT



SIDE ROAD APPROACH AREA DETAIL

FAIR HAVEN: TH-9

CASTLETON:
TH-32
TH-2
TH-6
TH-69
TH-38
TH-75
TH-74
TH-24
VT. ROUTE 30 (NORTH)
VT. ROUTE 30 (SOUTH)
TH-72
TH-8
U.S. RAMP 4 ON RAMP
U.S. RAMP 4 OFF RAMP

NOT TO SCALE

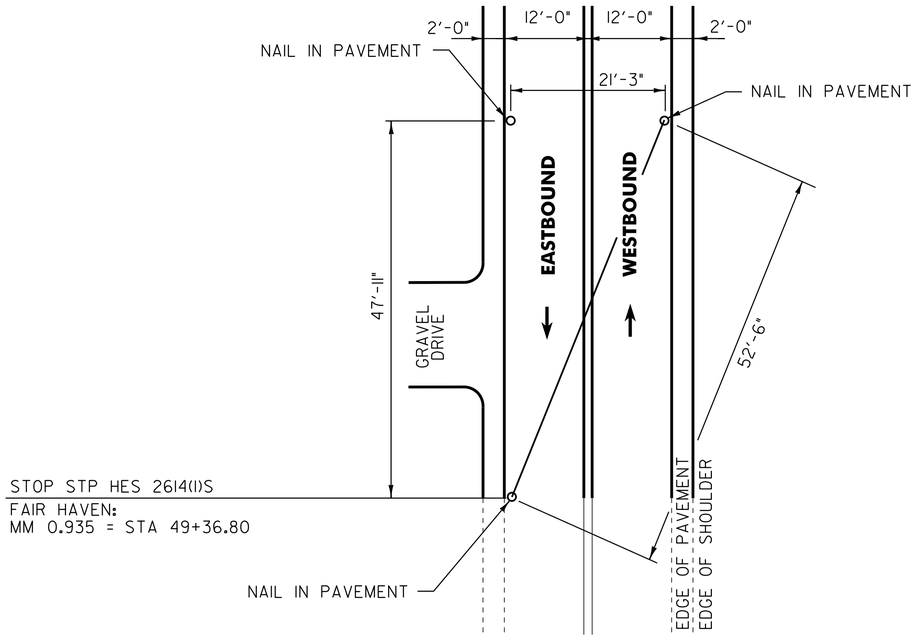
PAVING DETAILS SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

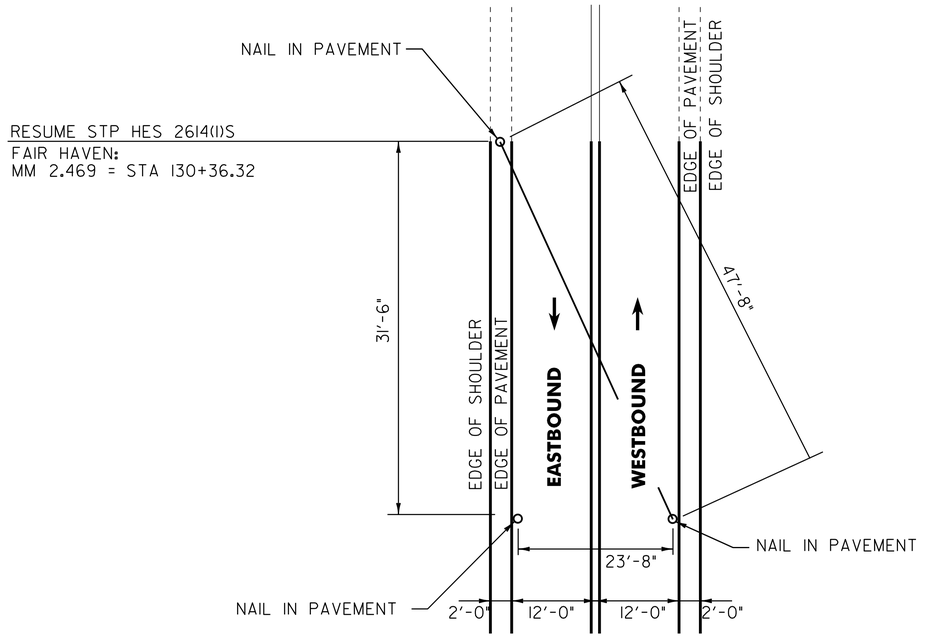
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058pd01.i

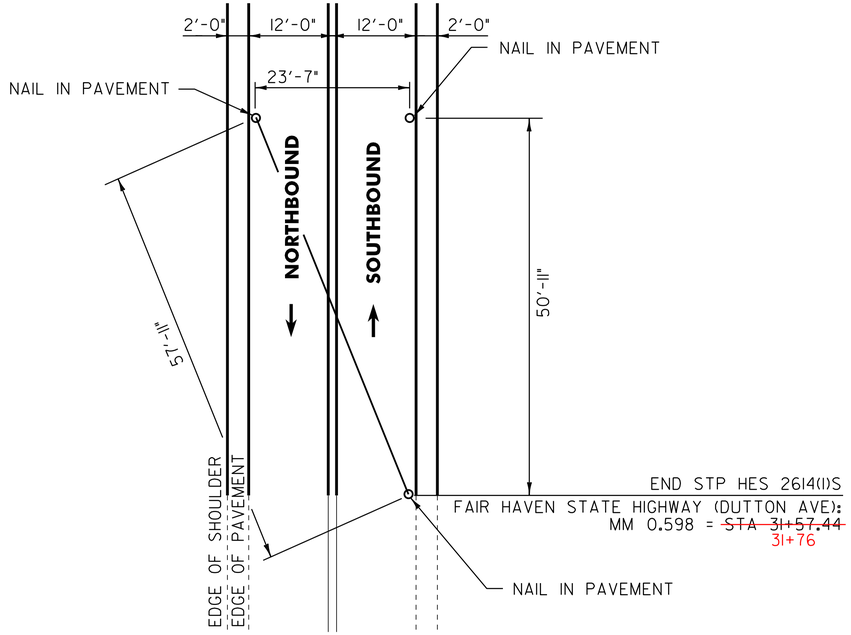
PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 14 OF 157



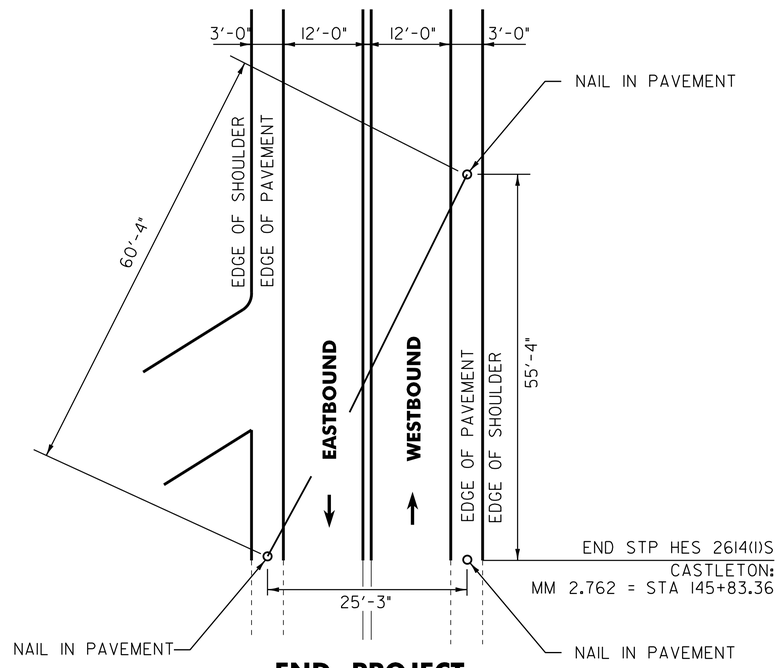
STOP PROJECT LOCATION TIES



RESUME PROJECT LOCATION TIES



END PROJECT LOCATION TIES



END PROJECT LOCATION TIES

NOT TO SCALE

PROJECT TIE SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058ptsl.i

PLOT DATE: 22-FEB-2012 12:4
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 15 OF 157

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP HES 2614(I)S

FULL C.E.	NON-PARTICIPATING	EMPLOYEE TRAINEESHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				15	15	CY	COMMON EXCAVATION	203.15	1.4
				250	250	CY	UNCLASSIFIED EXCAVATION	203.17	6
				250	250	CY	EARTH BORROW	203.30	EST.
				1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.
				104,000	104,000	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	50
				200	200	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	1
				16	16	TON	SUBBASE, RAP	301.40	0.8
				50	50	TON	AGGREGATE SHOULDERS	402.12	
				20	20	TON	AGGREGATE SHOULDERS, RAP	402.13	2
				430	430	CWT	EMULSIFIED ASPHALT	404.65	7
				1	1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
							BEGIN OPTION AA		
				11,850	11,850	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% RAP CONTENT)	490.30	26
				11,850	11,850	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% < RAP CONTENT < 15.0%)	490.30	26
				11,850	11,850	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	26
				11,850	11,850	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% < = CONTENT <= 50.0%)	490.30	26
							END OPTION AA		
				1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	
			350		350	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	2.2
			82		82	LF	REMOVAL OF EXISTING RAIL	525.10	0.7
			82		82	LF	BRIDGE RAILING REPAIR, TYPE III	525.60	0.7
			100		100	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.
				8	8	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	
				8	8	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	
				8	8	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	
	II				II	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	
				150	150	HR	POWER GRADER RENTAL	608.15	EST.
				20	20	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
				50	50	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
				300	300	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING BITUMINOUS PAVEMENT
96,876	SY	MAINLINE
3605	SY	SIDEROADS
540	SY	PULLOUT
1481	SY	WELCOME CENTER
1448	SY	WEIGH STATION
50	SY	ROUNDING
104,000	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
2756	TON	LEVELING COURSE (TYPE IVS)
8449	TON	WEARING COURSE (TYPE IVS)
315	TON	SIDE ROADS
47	TON	PULLOUT
130	TON	WELCOME CENTER
127	TON	WEIGH STATION
26	TON	ROUNDING
11,850	TON	TOTAL
		AGGREGATE SHOULDERS, RAP
18	TON	TREATED TIMBER CURB
2	TON	ROUNDING
20	TON	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058qsl.i

PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 16 OF 157

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP HES 2614(I)S					SUMMARY OF ESTIMATED QUANTITIES				
FULL C.E.	NON-PARTICIPATING	EMPLOYEE TRAINEESHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				30	30	HR	TRUCK RENTAL	608.37	EST.
				150	150	HR	LOADER RENTAL, TYPE I	608.40	EST.
				25	25	CY	STONE FILL, TYPE I	613.10	EST.
				60	60	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	4
				325	325	LF	TREATED TIMBER CURB	616.35	
				40	40	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1.5
				50	50	SY	PORTLAND CEMMENT CONCRETE SIDEWALK, 5 INCH	618.10	4.8
				90	90	SF	DETECTABLE WARNING SURFACE	618.30	3
				35	35	EA	YIELDING MARKER POSTS	619.17	EST.
				2625	2625	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	26
				500	500	LF	STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FEET POSTS	621.205	EST.
				195	195	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	6.5
				10	10	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	
				4	4	EA	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	621.53	
				6	6	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	
				3000	3000	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	25.3
				1	1	EA	ADJUST ELEVATION OF VALVE BOX	629.20	
				1875	1875	HR	UNIFORMED TRAFFIC OFFICERS	630.10	
				2800	2800	HR	FLAGGERS	630.15	EST.
				100	100	HR	FLAGGERS, RAILROAD	630.20	EST.
0.34					0.34	LS	FIELD OFFICE, ENGINEERS	631.10	
0.34					0.34	LS	TESTING EQUIPMENT, CONCRETE	631.16	
0.34					0.34	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	
0.5					0.5	LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	
		520			520	HR	EMPLOYEE TRAINEESHIP	634.10	
				0.6	0.6	LS	MOBILIZATION / DEMOBILIZATION	635.11	
				1	1	LS	TRAFFIC CONTROL (STP 2614(I)S)	641.10	
				4	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	
				57,350	57,350	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	90
				54,150	54,150	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	85
				650	650	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	39
				1000	1000	LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	26
				300	300	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	15
				85	85	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	
				200	200	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	20
				4	4	EA	DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC	646.512	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058qs2.i

PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 17 OF 157

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2614(I)S					SUMMARY OF ESTIMATED QUANTITIES				
FULL C.E.	NON-PARTICIPATING	EMPLOYEE TRAINEESHIP	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				114,700	114,700	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	EST.
				108,300	108,300	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	EST.
				600	600	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	EST.
				158	158	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	EST.
				400	400	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	EST.
				4	4	EA	TEMPORARY RAILROAD CROSSING SYMBOL, PAINT	646.712	
				4100	4100	EA	LINE STRIPING TARGETS	646.76	EST.
				50	50	SY	GEOTEXTILE UNDER STONE FILL	649.31	EST.
				50	50	LB	SEED	651.15	EST.
				400	400	LB	FERTILIZER	651.18	EST.
				1	1	TON	AGRICULTURAL LIMESTONE	651.20	EST.
				50	50	CY	TOPSOIL	651.35	EST.
				6350	6350	SY	TEMPORARY EROSION MATTING	653.20	EST.
				971	971	SF	TRAFFIC SIGNS, TYPE A	675.20	0.97
				20	20	SF	TRAFFIC SIGNS, TYPE B	675.21	
				1950	1950	LB	TUBULAR STEEL SIGN POST	675.33	44
				620	620	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	14
				6	6	EA	FOUNDATION FOR TUBULAR STEEL POST	675.43	
				278	278	EA	REMOVING SIGNS	675.50	
				17	17	EA	ERECTING SALVAGED SIGNS	675.60	
				10	10	EA	DELINEATOR WITH STEEL POST	676.10	
				500	500	LF	VEHICLE LOOP DETECTOR	678.22	23
				1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	
				1	1	LS	SPECIAL PROVISION (PAVED RAIL-HIGHWAY CROSSING) (VT. 4A-AARDOT 248-940C)	900.645	
				1	1	LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (VT. 4A-AARDOT 248-953D)	900.645	
				1	1	LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-940C)	900.645	
				1	1	LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-953D)	900.645	
				3100	3100	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	24

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058qs3.i

PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 18 OF 157

ITEM DETAIL SUMMARY SHEET #1

LOCATION			GUARDRAIL (GALVANIZED)							SIDEWALK					MISCELLANEOUS					REMARKS
BEGIN STATION	END STATION	POS.	616.35 TREATED TIMBER CURB LF	621.20 STEEL BEAM GUARDRAIL, GALVANIZED LF	621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED LF	621.50 MANUFACTURED TERMINAL SECTION, FLARED EA	621.53 TERMINAL CONNECTOR FOR S.B. GUARDRAIL EA	621.60 ANCHOR FOR STEEL BEAM GUARDRAIL EA	621.80 REMOVAL AND DISPOSAL OF GUARDRAIL EA	203.15 COMMON EXCAV. CY	301.40 SUBBASE, RAP TON	616.28 CAST-IN-PLACE CONC. CURB, TYPE B LF	618.10 P.C.C. SIDEWALK, 5 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	604.412 REHAB, DI, CB, MH CLASS I EA	604.415 REHAB, DI, CB, MH CLASS II EA	604.418 REHAB, DI, CB, MH CLASS III EA	616.47 BIT. CONC. GUT. & TRAF. ISLAND TON	676.10 DELINEATOR WITH STEEL POST EA	
FAIR HAVEN:																				
2+10.0	45+95.0	RT													1	1	1			SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER
171+31.8	171+75.8	RT		44.0				1	44.0											SEE VAOT STANDARD G-ID. PROVIDE ANCHOR AT STA 171+38.3
CASTLETON:																				
0+00.0	0+35.0	RT		35.0				1	35.0											SEE VAOT STANDARD G-ID. PROVIDE ANCHOR AT STA 0+28.5.
2+04.0	13+79.0	RT		1240.0		2			1163.0										2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 2+04.0 TO STA 2+41.5 AND STA 13+41.5 TO STA 13+79.0.
26+29.0	26+50.6	RT			27.0			1	21.6											SEE VAOT STANDARD G-ID. PROVIDE ANCHOR AT STA 26+35.5. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA 26+50.6. SEE SHEET 73 FOR BR 3 DETAILS.
26+47.5	26+62.0	LT			14.5			1	12.0											SEE VAOT STANDARD G-ID. PROVIDE ANCHOR AT STA 26+54.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA 26+62.0. SEE SHEET 73 FOR BR 3 DETAILS.
26+94.4	27+08.9	RT			14.5			1	13.6											CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA 26+94.4. SEE SHEET 73 FOR BR 3 DETAILS. SEE VAOT STANDARD G-ID. PROVIDE ANCHOR AT STA 27+02.4.
26+99.5	27+39.0	LT		14.5	32.5			1	39.5											CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA 26+99.5. SEE SHEET 73 FOR BR 3 DETAILS. SEE VAOT STANDARD G-ID. PROVIDE ANCHOR AT STA 27+31.0.
27+40.0	28+95.0	LT																18.1		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE BITUMINOUS CONCRETE GUTTER & TRAFFIC ISLAND ON SHEET 14.
27+80.0	28+30.0	RT																1.9		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE BITUMINOUS CONCRETE GUTTER & TRAFFIC ISLAND ON SHEET 14.
27+80.0	96+54.0	LT/RT													4	4	4			SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER
29+60.0	31+25.0	LT																6.4		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE BITUMINOUS CONCRETE GUTTER & TRAFFIC ISLAND ON SHEET 14.
64+27.0	65+40.0	LT																4.4		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE BITUMINOUS CONCRETE GUTTER & TRAFFIC ISLAND ON SHEET 14.
68+00.0	69+07.0	LT																6.9		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE BITUMINOUS CONCRETE GUTTER & TRAFFIC ISLAND ON SHEET 14.
94+35.0		LT								3.2	3.6	14.0	10.6	10.0						CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
94+35.0		RT								3.2	3.6	14.0	10.6	10.0						CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
95+37.0		LT								3.2	3.6	14.0	10.6	10.0						CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
115+43.5	116+58.0	RT		50.0	25.0	1	1		117.0										1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 115+43.5 TO STA 115+81.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE AT STA 116+56.0. PROVIDE TERMINAL CONNECTOR TO EXISTING BRIDGE AT STA 116+56.0 TO STA 116+58.0. SEE SHEET 74 FOR BR 4 DETAIL.
115+56.0	116+58.0	LT		37.5	25.0	1	1		103.0										1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 115+56.0 TO STA 115+93.5. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE AT STA 116+56.0. PROVIDE TERMINAL CONNECTOR TO EXISTING BRIDGE AT STA 116+56.0 TO STA 116+58.0. SEE SHEET 74 FOR BR 4 DETAIL.
118+01.0	118+78.0	LT		12.5	25.0	1	1		77.0										1	PROVIDE TERMINAL CONNECTOR TO EXISTING BRIDGE RAIL AT STA 118+01.0 TO STA 118+03.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE AT STA 118+03.0. SEE SHEET 74 FOR BR 4 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 118+40.5 TO STA 118+78.0.
118+01.0	118+90.5	RT		25.0	25.0	1	1		87.0										1	PROVIDE TERMINAL CONNECTOR TO EXISTING BRIDGE RAIL AT STA 118+01.0 TO STA 118+03.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE AT STA 118+03.0. SEE SHEET 74 FOR BR 4 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARES FROM STA 118+53.0 TO STA 118+90.5.
SHEET SUBTOTAL:			-	1458.5	188.5	6	4	6	1712.7	9.6	10.8	42.0	31.8	30.0	5	5	5	37.7	6	

ITEM DETAIL SUMMARY SHEET #1

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058idssl.i

PLOT DATE: 22-FEB-2012 12:46
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.

ITEM DETAIL SUMMARY SHEET #2

LOCATION			GUARDRAIL (GALVANIZED)							SIDEWALK					MISCELLANEOUS					REMARKS
BEGIN STATION	END STATION	POS.	616.35 TREATED TIMBER CURB LF	621.20 STEEL BEAM GUARDRAIL, GALVANIZED LF	621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED LF	621.50 MANUFACTURED TERMINAL SECTION, FLARED EA	621.53 TERMINAL CONNECTOR FOR S.B. GUARDRAIL EA	621.60 ANCHOR FOR STEEL BEAM GUARDRAIL EA	621.80 REMOVAL AND DISPOSAL OF GUARDRAIL EA	203.15 COMMON EXCAV. CY	301.40 SUBBASE, RAP TON	616.28 CAST-IN-PLACE CONC. CURB, TYPE B LF	618.10 P.C.C. SIDEWALK, 5 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	604.412 REHAB, DI, CB, MH CLASS I EA	604.415 REHAB, DI, CB, MH CLASS II EA	604.418 REHAB, DI, CB, MH CLASS III EA	616.47 BIT. CONC. GUT. & TRAF. ISLAND TON	676.10 DELINEATOR WITH STEEL POST EA	
FAIR HAVEN HIGHWAY: (DUTTON AVENUE)																				
0+75.0	10+30.0	LT/RT													3	3	3			SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER
0+65.0		LT												10.0						CONSTRUCT DETECTABLE WARNING SURFACE.
1+20.0		LT												10.0						CONSTRUCT DETECTABLE WARNING SURFACE.
1+32.0		RT												10.0						CONSTRUCT DETECTABLE WARNING SURFACE.
16+03.5	18+91.0	LT	25.0	250.0		1			277.0										1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 16+03.5 TO STA 16+41.0. INSTALL NEW TREATED TIMBER CURB FROM STA 18+61.0 TO STA 18+86.0.
16+96.0	18+71.0	RT	25.0	137.5		1			178.0										1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 16+96.0 TO STA 17+33.5. INSTALL NEW TREATED TIMBER CURB FROM STA 18+70.0 TO STA 18+95.0.
20+82.0	22+07.0	LT	137.5	125.0					125.0											INSTALL NEW TREATED TIMBER CURB FROM STA 20+95.5 TO STA 22+33.0.
20+93.0	20+95.0	LT																0.4		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE BITUMINOUS CONRETE GUTTER & TRAFFIC ISLAND ON SHEET 14.
21+03.5	21+05.5	RT																0.4		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE BITUMINOUS CONRETE GUTTER & TRAFFIC ISLAND ON SHEET 14.
21+15.0	22+18.0	RT	137.5	103.0					103.0											INSTALL NEW TREATED TIMBER CURB FROM STA 21+05.5 TO STA 22+43.0
24+37.0	27+12.0	LT		237.5		1			266.0										1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 26+74.5 TO STA 27+12.0.
24+61.0	26+24.0	RT		287.5		1			313.0										1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 26+24.0.
FAIR HAVEN: (WELCOME CENTER)																				
W5+24.0		LT								4.0	4.4	14.0	13.4	27.0						CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
SHEET SUBTOTAL:			325.0	1140.5	-	4	-	-	1262.0	4.0	4.4	14.0	13.4	57.0	3	3	3	0.8	4	
SHEET 19 SUBTOTAL:			-	1458.5	188.5	6	4	6	1712.7	9.6	10.8	42.0	31.8	30.0	5	5	5	37.7	6	
ROUNDING:			-	26.0	6.5	-	-	-	25.3	1.4	0.8	4.0	4.8	3.0	-	-	-	1.5	-	
TOTAL:			325.0	2625.0	195.0	10	4	6	3000.0	15.0	16.0	60.0	50.0	90.0	8	8	8	40.0	10	

ITEM DETAIL SUMMARY SHEET #2

PROJECT NAME: FAIR HAVEN - CASTLETON

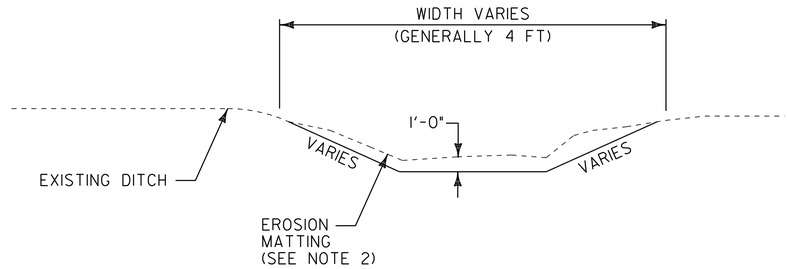
PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058ids2.i

PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 20 OF 157

LOCATION				FEET OF DITCHING				MISC. ITEMS 653.20	REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE				TEMPORARY EROSION MATTING	
				0-1	1-2.5	2.5-10	>10	SY	
VT. ROUTE 4A									
FAIR HAVEN:									
1	147+84	171+60	LT		2376			1584	
CASTLETON:									
2	0+00	22+70	LT		2270			1513	
3	95+04	102+96	LT		792			528	
ROUNDINGS					-			75	
TOTALS					5438			3700	

LOCATION				FEET OF DITCHING				MISC. ITEMS 653.20	REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE				TEMPORARY EROSION MATTING	
				0-1	1-2.5	2.5-10	>10	SY	



DITCH DETAIL

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

2. ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING AND SEED HAVE BEEN INCLUDED AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

DITCH CLEANING DETAIL SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058dcd.i

PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 21 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 2+15.00 - STA 5+00.00 LT & RT

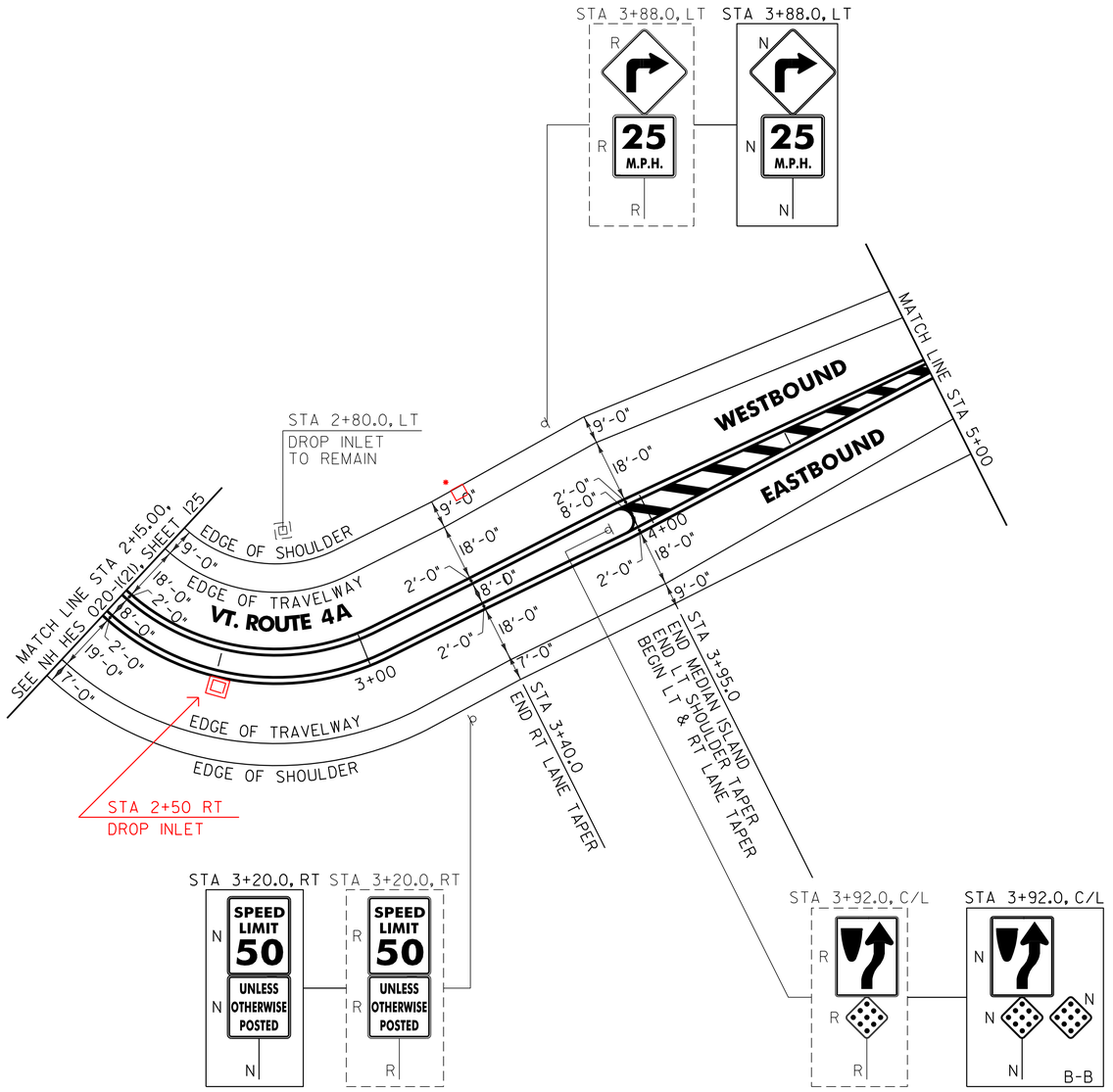
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 2+15.00 - STA 5+00.00 LT & RT

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 3+95.00 - STA 5+00.00 LT & RT HATCHED MEDIAN

675.50 REMOVING SIGNS
AS SHOWN - 6

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:
STA 2+15.00 - STA 3+95.0 LT & RT RAISED MEDIAN
STA 3+95.00 - STA 5+00.00 DOUBLE SOLID MEDIAN LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:
STA 2+15.00 - STA 3+95.0 LT & RT RAISED MEDIAN
STA 3+95.00 - STA 5+00.00 DOUBLE SOLID MEDIAN LT & RT



LIVE ELECTRICAL VAULT NOT ON PLANS DISCOVERED DURING COLD PLANING OPERATION. ASSUMED TO BE SERVICING RTE 4 TRAFFIC LIGHT SYSTEM.

604.412 REHAB DI, CB, OR MH
STA 2+50 RT
STA 3+50 RT

NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

PROJECT LAYOUT SHEET #1

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP 2614(I)S & HES STP 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058101.dgn
PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 22 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 5+00.00 - STA 12+50.00 LT & RT
STA W0+35.0 - STA W2+00.0 EDGE LINES, WELCOME CENTER DRIVE

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 5+00.00 - STA 12+50.00 LT & RT
STA W0+35.0 - STA W2+00.0 EDGE LINES, WELCOME CENTER DRIVE

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 5+75.00 - STA 12+50.00		S	
STA 5+00.00 - STA 5+75.00 DOUBLE SOLID MEDIAN	LT	&	RT
STA W0+67.0 - STA W2+00.0 DOUBLE SOLID, WELCOME CENTER DRIVE			

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 5+75.00 - STA 12+50.00		S	
STA 5+00.00 - STA 5+75.00 DOUBLE SOLID MEDIAN	LT	&	RT
STA W0+67.0 - STA W2+00.0 DOUBLE SOLID, WELCOME CENTER DRIVE			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
FAIR HAVEN:
STA W0+66.0 LT, WELCOME CENTER DRIVE

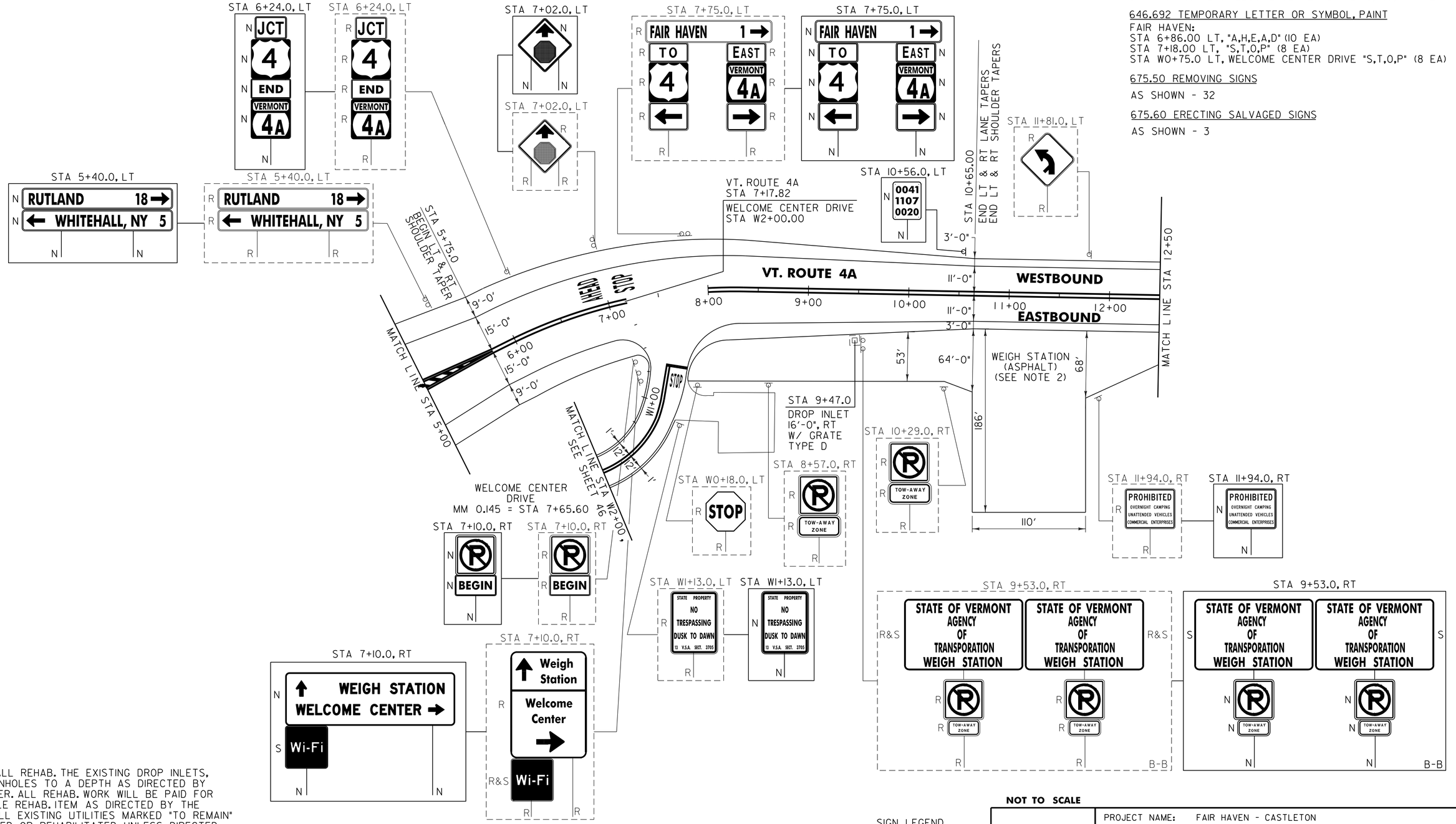
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
FAIR HAVEN:
STA W0+66.0 LT, WELCOME CENTER DRIVE

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 6+86.00 LT, "A,H,E,A,D" (5 EA)
STA 7+18.00 LT, "S,T,O,P" (4 EA)
STA W0+75.0 LT, WELCOME CENTER DRIVE "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 6+86.00 LT, "A,H,E,A,D" (10 EA)
STA 7+18.00 LT, "S,T,O,P" (8 EA)
STA W0+75.0 LT, WELCOME CENTER DRIVE "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 32

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



NOTES:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

2. PAVE 2" OF TYPE IVS ASPHALT IN EXISTING WEIGH STATION AREA. ANY REQUIRED EXCAVATION OR GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

604.412, ~~604.415~~ OR ~~604.418~~
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, (SEE NOTE 1)
FAIR HAVEN:
STA 9+47.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———————

NOT TO SCALE

PROJECT LAYOUT SHEET #2

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058102.i

PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 23 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN
STA 12+50.00 - STA 25+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN
STA 12+50.00 - STA 25+00.00 LT & RT

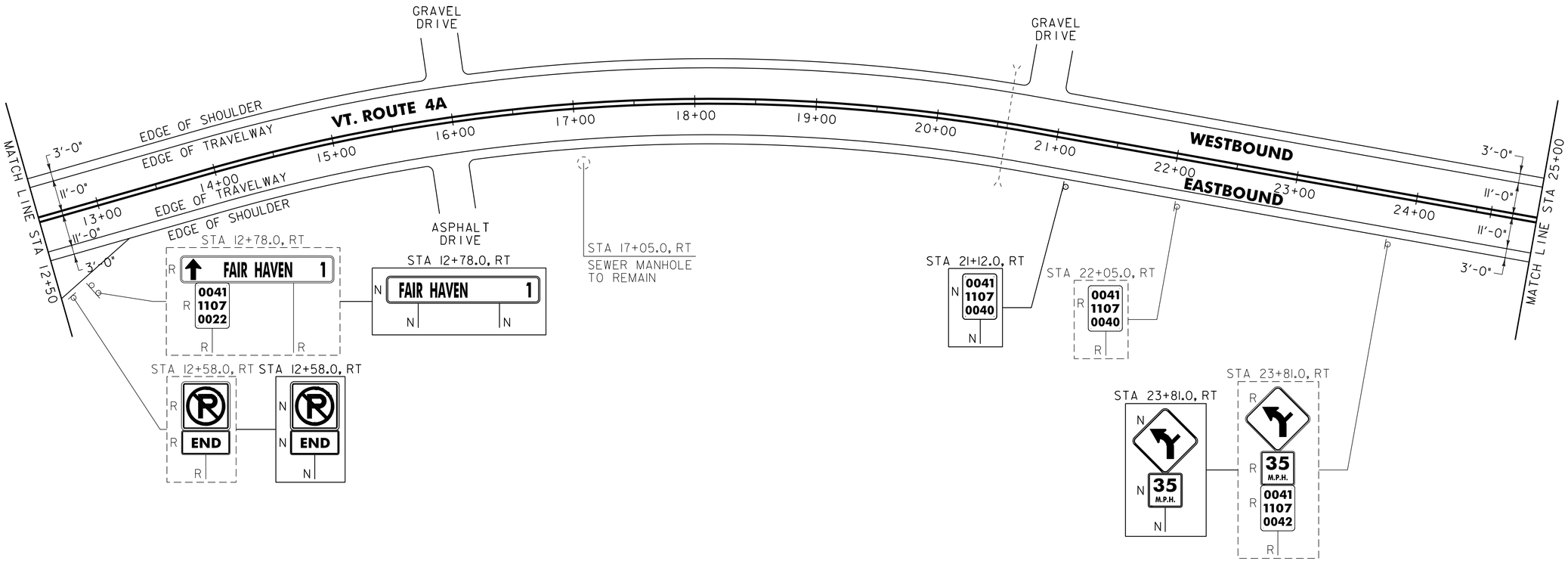
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 12+50.00 - STA 25+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 12+50.00 - STA 25+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 8



NOTES:

1. PAVE 2" OF TYPE IVS ASPHALT IN EXISTING WEIGH STATION AREA. ANY REQUIRED EXCAVATION OR GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———————

NOT TO SCALE

PROJECT LAYOUT SHEET #3

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058103.i
PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 24 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 25+00.00 - STA 37+50.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 25+00.00 - STA 37+50.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:		LT	℄	RT
STA 25+00.00	- STA 37+50.00	S	-	S
STA 28+67.04	DOUBLE SOLID RT, TH-9			

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:		LT	℄	RT
STA 25+00.00	- STA 37+50.00	S	-	S
STA 28+67.04	DOUBLE SOLID RT, TH-9			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
FAIR HAVEN:
STA 28+67.04 RT, TH-9

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
FAIR HAVEN:
STA 28+67.04 RT, TH-9

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 28+67.04 RT, TH-9 "S,T,O,P" (4 EA)

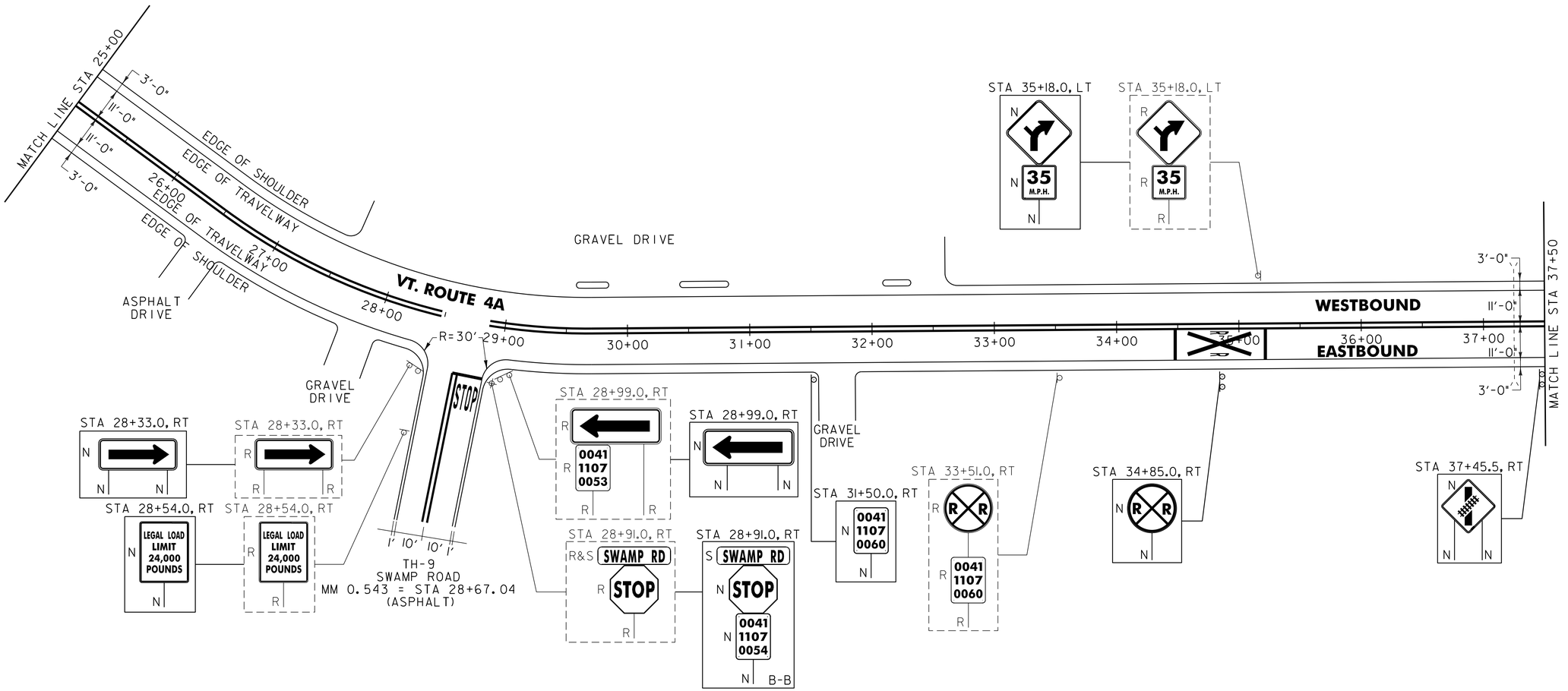
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 28+67.04 RT, TH-9 "S,T,O,P" (8 EA)

646.512 DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 34+85.0 RT

646.712 TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
FAIR HAVEN:
STA 34+85.0 RT

675.50 REMOVING SIGNS
AS SHOWN - 10

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

PROJECT LAYOUT SHEET #4

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058104.i
PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 25 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 37+50.00 - STA 49+36.80 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 37+50.00 - STA 49+36.80 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 37+50.00 - STA 49+36.80	S	-	S

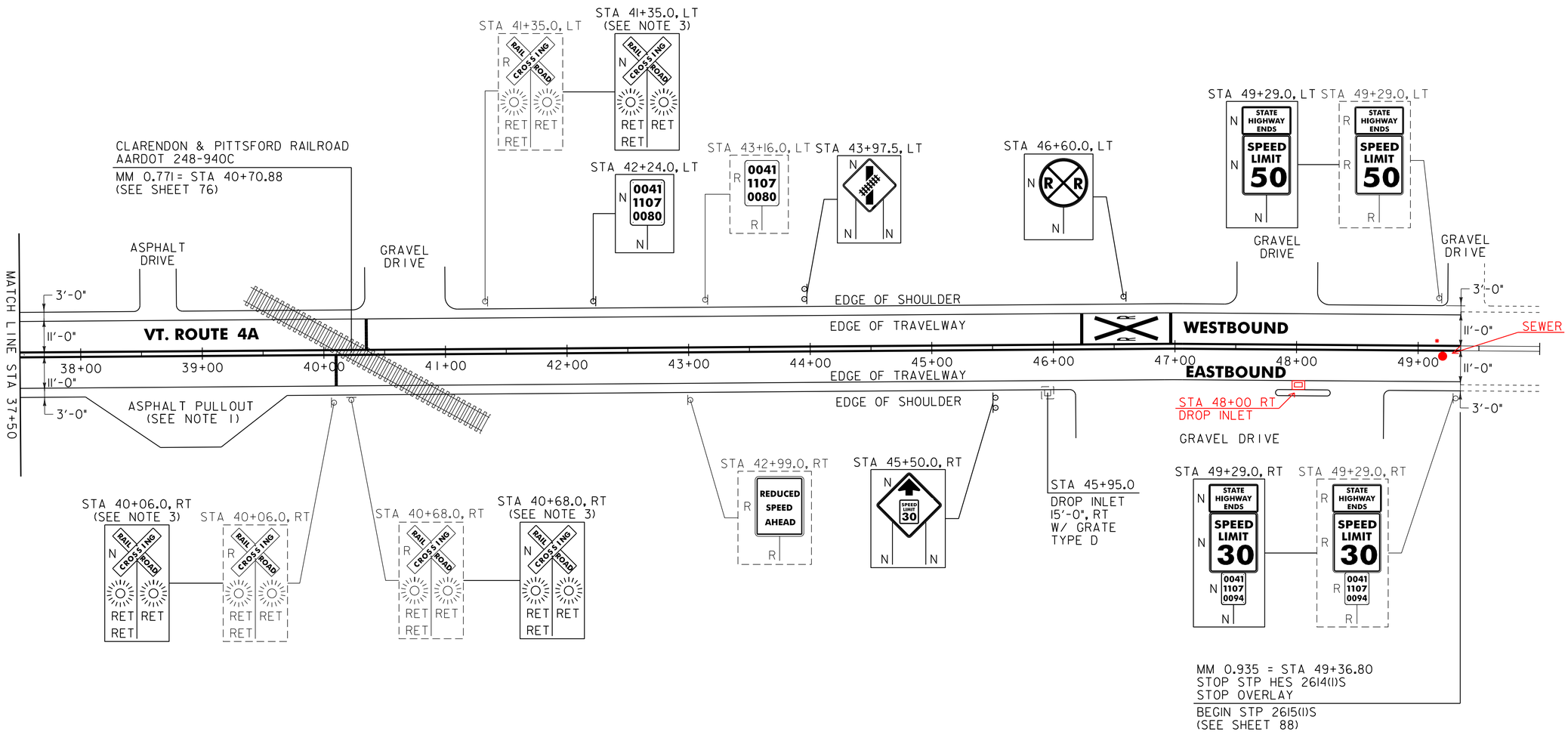
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 37+50.00 - STA 49+36.80	S	-	S

646.512 DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 46+60.0 LT

646.712 TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
FAIR HAVEN:
STA 46+60.0 LT

675.50 REMOVING SIGNS
AS SHOWN - 10



604.42 CHANGING ELEVATION OF S.M.H.
STA 49+28 RT

604.412, ~~604.415~~ OR ~~604.418~~
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, (SEE NOTE 2)
FAIR HAVEN:
STA 45+95.0 RT

NOTES:

1. THE EXISTING ASPHALT PULLOUT SHALL BE PAVED WITH A 1½" TYPE IVS WEARING COURSE. ANY REQUIRED EXCAVATION OR GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. THE CONTRACTOR SHALL INSTALL THE NEW RAILROAD CROSSING SIGNS ON THE EXISTING RAILROAD SIGNAL POSTS.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #5

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058105.i
PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 26 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 130+36.32 - STA 144+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 130+36.32 - STA 144+00.00 LT & RT

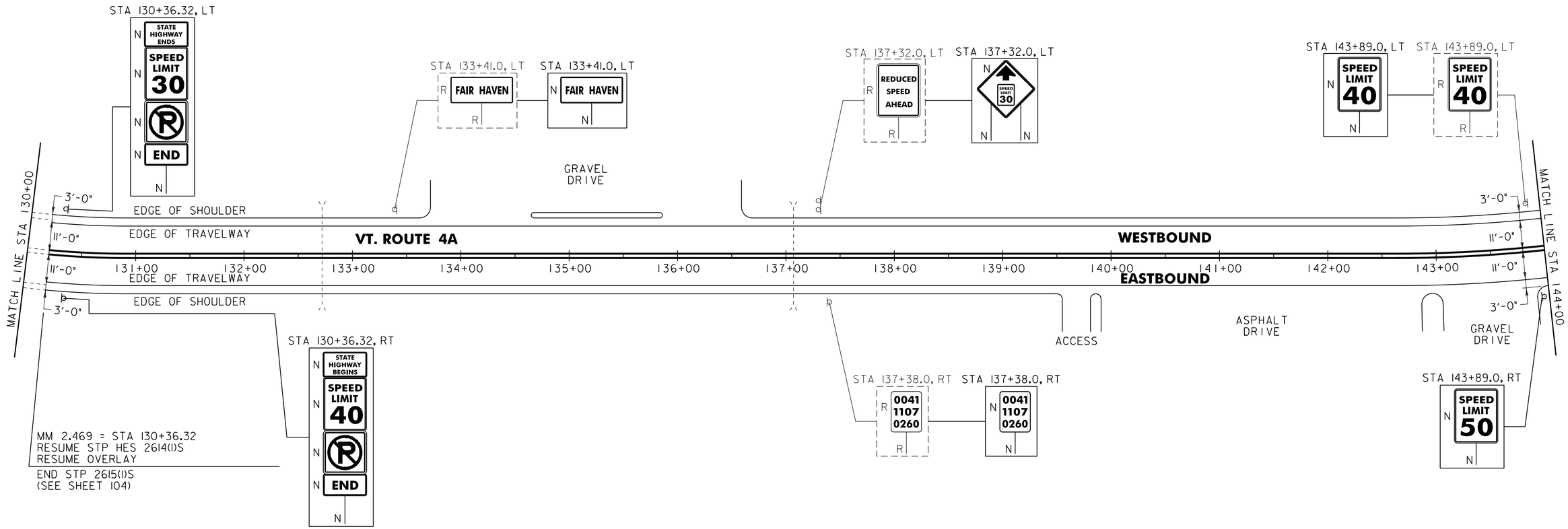
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 130+36.32 - STA 144+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 130+36.32 - STA 144+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 4



NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

PROJECT LAYOUT SHEET #6

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058106.i

PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 27 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 144+00.00 - STA 158+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 144+00.00 - STA 158+00.00 LT & RT

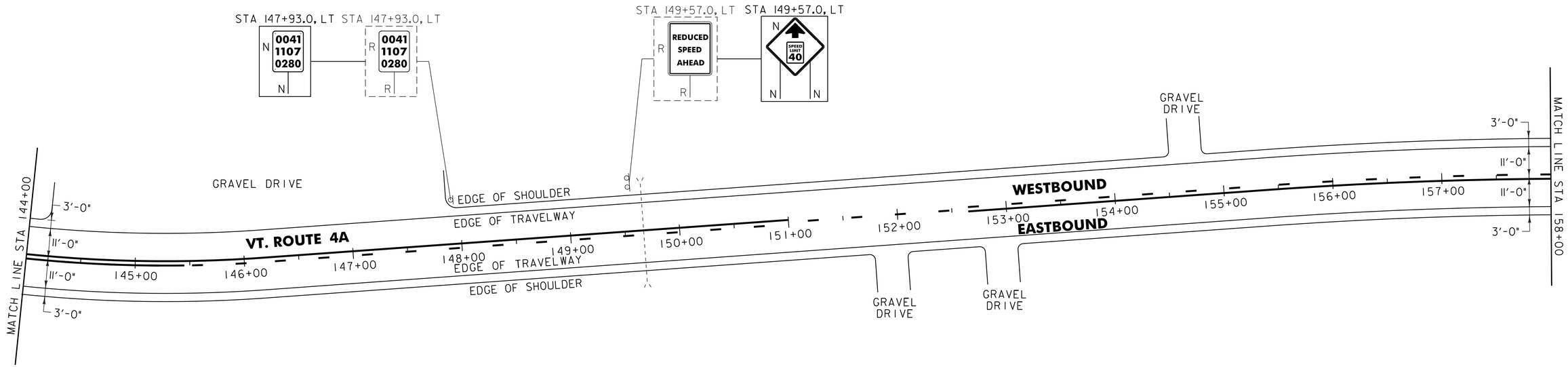
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:			LT	℄	RT
STA 144+00.00	-	STA 145+45.00	S	-	S
STA 145+45.00	-	STA 151+00.00	S	-	D
STA 151+00.00	-	STA 152+65.00	-	D	-
STA 152+65.00	-	STA 158+00.00	D	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:			LT	℄	RT
STA 144+00.00	-	STA 145+45.00	S	-	S
STA 145+45.00	-	STA 151+00.00	S	-	D
STA 151+00.00	-	STA 152+65.00	-	D	-
STA 152+65.00	-	STA 158+00.00	D	-	S

675.50 REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————————

PROJECT LAYOUT SHEET #7

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058107.i
PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 28 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 158+00.00 - STA 171+75.84 LT & RT

CASTLETON:
STA 0+00.00 - STA 1+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 158+00.00 - STA 171+75.84 LT & RT

CASTLETON:
STA 0+00.00 - STA 1+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 158+00.00 - STA 161+35.00	D	-	S
STA 161+35.00 - STA 171+75.84	S	-	S

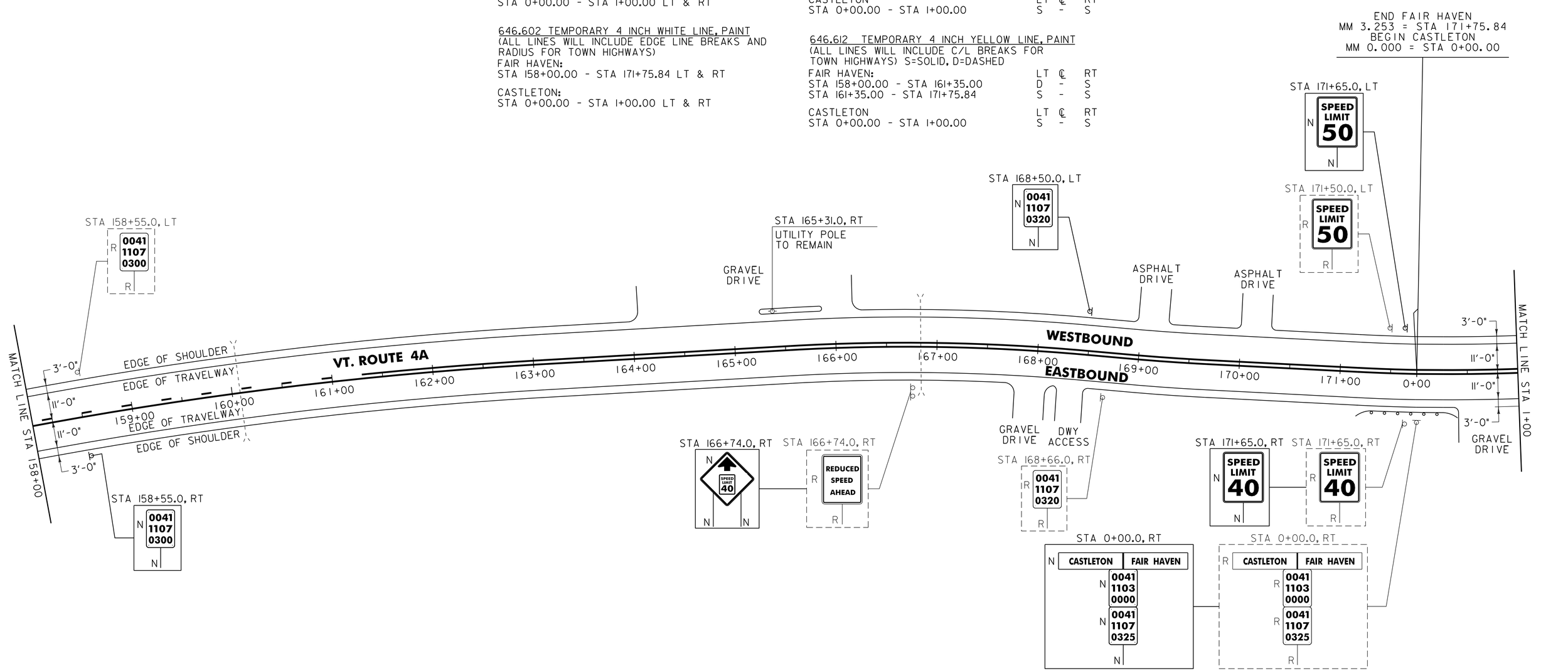
CASTLETON	LT	℄	RT
STA 0+00.00 - STA 1+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 158+00.00 - STA 161+35.00	D	-	S
STA 161+35.00 - STA 171+75.84	S	-	S

CASTLETON	LT	℄	RT
STA 0+00.00 - STA 1+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 8



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
FAIR HAVEN:
STA 171+31.8 - STA 171+75.8 RT (44.0 LF)

CASTLETON:
STA 0+00.0 - STA 0+35.0 RT (35.0 LF)

621.60 ANCHOR FOR STEEL BEAM RAIL
FAIR HAVEN:
STA 171+38.3 RT

CASTLETON:
STA 0+28.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
FAIR HAVEN:
STA 171+31.8 - STA. 171+75.8 RT (44.0 LF)

CASTLETON:
STA 0+00.0 - STA. 0+35.0 RT (35.0 LF)

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #8

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058108.i
PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 29 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 1+00.00 - STA 15+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 1+00.00 - STA 15+00.00 LT & RT

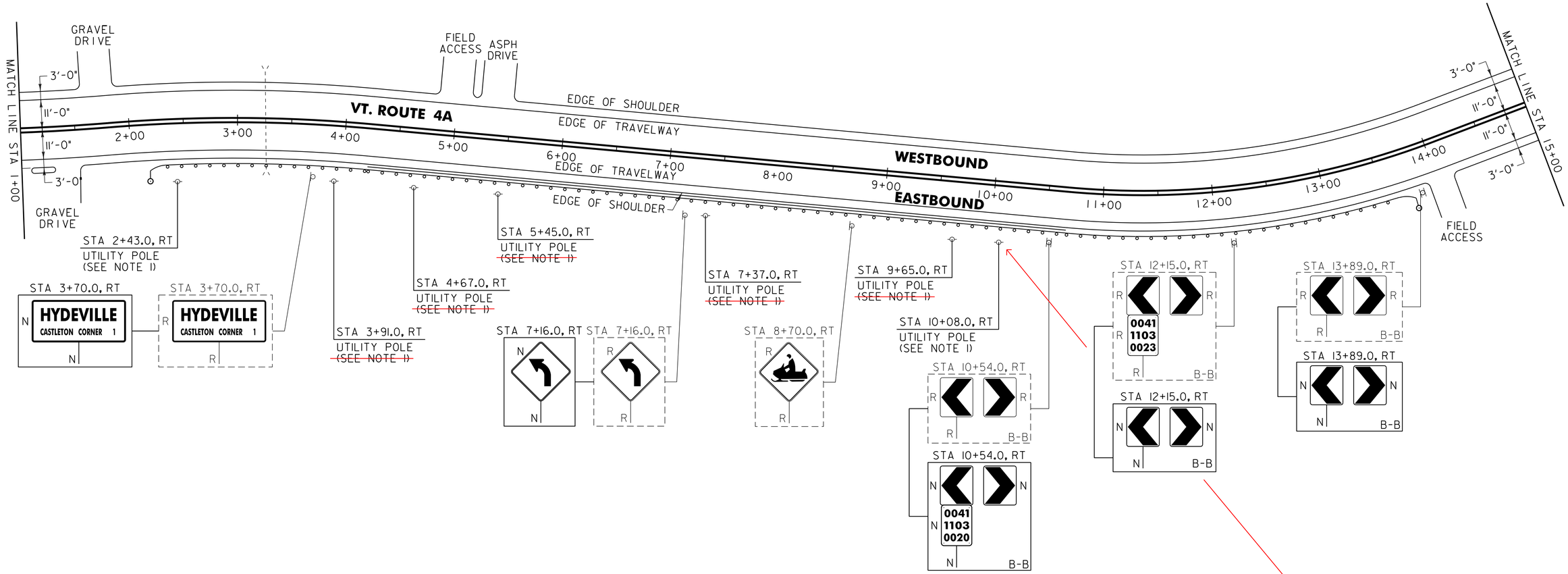
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 1+00.00 - STA 15+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 1+00.00 - STA 15+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 10



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
CASTLETON:
STA 2+41.5- STA 13+41.5 RT (1240.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
CASTLETON:
STA 2+04.0 - STA 2+41.5 RT
STA 13+41.5 - STA 13+79.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
CASTLETON:
STA 2+16.0 - STA 13+79.0 RT (1163.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
CASTLETON:
STA 2+04.0 RT
STA 13+79.0 RT

NOTE:
1. SEE SHEET 79 FOR REDUCED STEEL BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #9

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058109.i
PLOT DATE: 22-FEB-2012 12:47
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 30 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 15+00.00 - STA 28+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 15+00.00 - STA 28+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CASTLETON:

		LT ℄	RT
STA 15+00.00	- STA 28+00.00	S	S
STA 26+08.32	DOUBLE SOLID LT, TH-2		
STA 27+35.04	DOUBLE SOLID RT, TH-6		

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CASTLETON:

		LT ℄	RT
STA 15+00.00	- STA 28+00.00	S	S
STA 26+08.32	DOUBLE SOLID LT, TH-2		
STA 27+35.04	DOUBLE SOLID RT, TH-6		

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
CASTLETON:
STA 26+08.32 LT, TH-2
STA 27+35.04 RT, TH-6

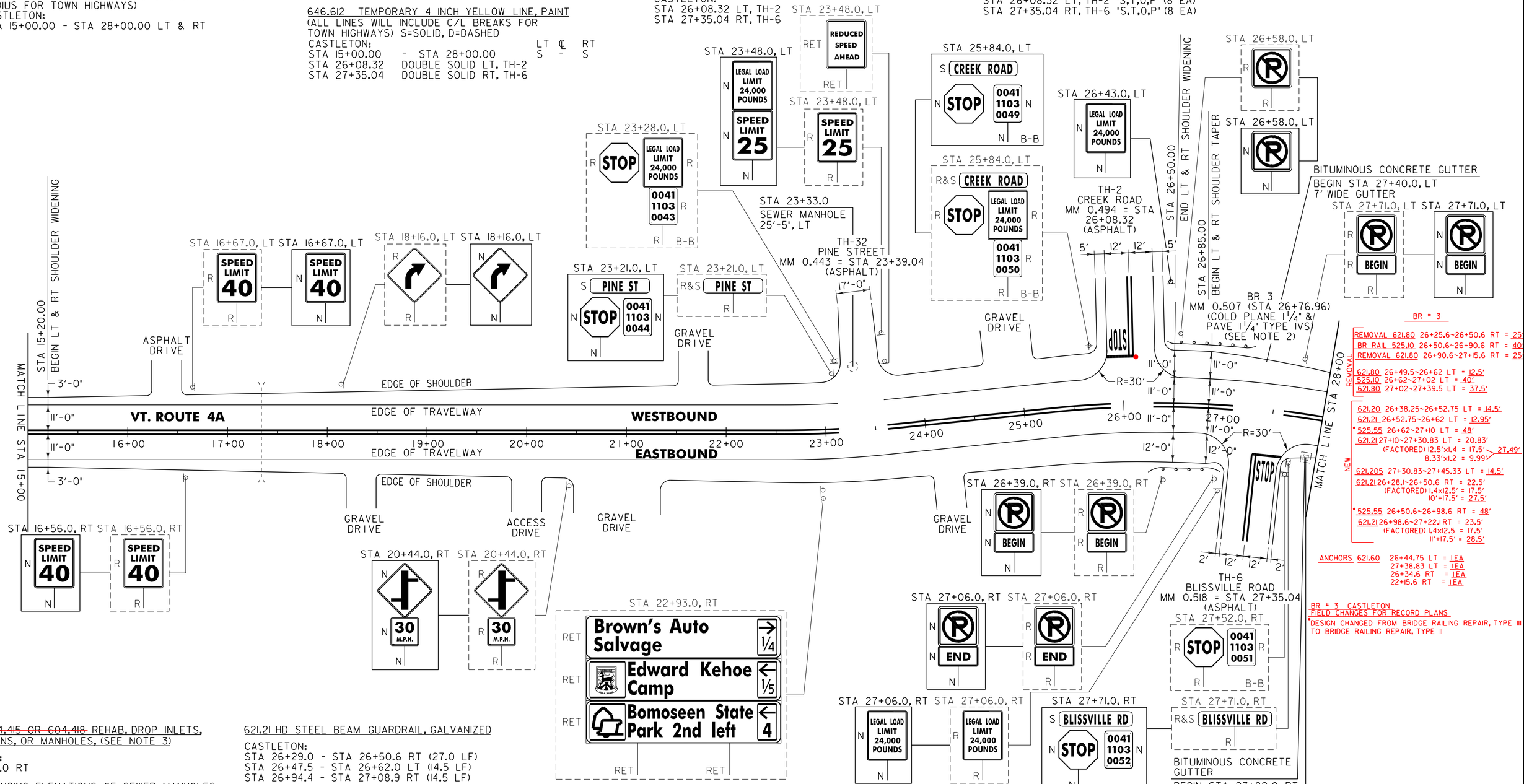
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CASTLETON:
STA 26+08.32 LT, TH-2
STA 27+35.04 RT, TH-6

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
CASTLETON:
STA 26+08.32 LT, TH-2 "S,T,O,P" (4 EA)
STA 27+35.04 RT, TH-6 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CASTLETON:
STA 26+08.32 LT, TH-2 "S,T,O,P" (8 EA)
STA 27+35.04 RT, TH-6 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 25

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



BR # 3

REMOVAL 621.80 26+25.6~26+50.6 RT = 25'
BR RAIL 525.10 26+50.6~26+90.6 RT = 40'
REMOVAL 621.80 26+90.6~27+15.6 RT = 25'

621.80 26+49.5~26+62 LT = 12.5'
525.10 26+62~27+02 LT = 40'
621.80 27+02~27+39.5 LT = 37.5'

621.20 26+38.25~26+52.75 LT = 14.5'
621.21 26+52.75~26+62 LT = 12.95'
*525.55 26+62~27+10 LT = 48'
621.21 27+10~27+30.83 LT = 20.83'
(FACTORED) 12.5'x1.4 = 17.5'
8.33'x1.2 = 9.99'
27.49'
621.205 27+30.83~27+45.33 LT = 14.5'
621.21 26+28.1~26+50.6 RT = 22.5'
(FACTORED) 1.4x12.5' = 17.5'
10'+17.5' = 27.5'
*525.55 26+50.6~26+98.6 RT = 48'
621.21 26+98.6~27+22.1 RT = 23.5'
(FACTORED) 1.4x12.5 = 17.5'
11'+17.5' = 28.5'

ANCHORS 621.60 26+44.75 LT = 1EA
27+38.83 LT = 1EA
26+34.6 RT = 1EA
22+15.6 RT = 1EA

BR # 3 CASTLETON
FIELD CHANGES FOR RECORD PLANS
*DESIGN CHANGED FROM BRIDGE RAILING REPAIR, TYPE III TO BRIDGE RAILING REPAIR, TYPE II

604.412, ~~604.415 OR 604.418~~ REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, (SEE NOTE 3)
CASTLETON:
●STA 27+80.0 RT

604.42 CHANGING ELEVATIONS OF SEWER MANHOLES
CASTLETON:
STA 23+33.0 LT
*STA 26+00.0 LT

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
CASTLETON:
STA 27+40.0 - STA 28+00.0 LT (7.0 TON)
STA 27+80.0 - STA 28+00.0 RT (0.8 TON)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
CASTLETON:
STA 27+24.5 - STA 27+39.0 LT (14.5 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED
CASTLETON:
STA 26+29.0 - STA 26+50.6 RT (27.0 LF)
STA 26+47.5 - STA 26+62.0 LT (14.5 LF)
STA 26+94.4 - STA 27+08.9 RT (14.5 LF)
STA 26+99.5 - STA 27+24.5 LT (32.5 LF)

621.60 ANCHOR FOR STEEL BEAM RAIL
CASTLETON:
STA 26+35.5 RT
STA 26+54.0 LT
STA 27+02.4 RT
STA 27+31.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
CASTLETON:
STA 26+29.0 - STA 26+50.6 RT (21.6 LF)
STA 26+50.0 - STA 26+62.0 LT (12.0 LF)
STA 26+94.4 - STA 27+08.0 RT (13.6 LF)
STA 26+99.5 - STA 27+39.0 LT (39.5 LF)

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 73 FOR BR 3 DETAILS.
3. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #10

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058110.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 31 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 28+00.00 - STA 43+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 28+00.00 - STA 43+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CASTLETON:

		LT ℄	RT
STA 28+00.00	- STA 43+00.00	S	S
STA 29+19.84	DOUBLE SOLID LT, TH-69		
STA 37+01.28	DOUBLE SOLID RT, TH-38		

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CASTLETON:

		LT ℄	RT
STA 28+00.00	- STA 43+00.00	S	S
STA 29+19.84	DOUBLE SOLID LT, TH-69		
STA 37+01.28	DOUBLE SOLID RT, TH-38		

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 29+08.00 - STA 29+20.00 FIRE HYDRANT NO PARKING ZONE, RT
STA 36+45.00 - STA 36+57.00 FIRE HYDRANT NO PARKING ZONE, RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
CASTLETON:
STA 29+19.84 LT, TH-69
STA 37+01.28 RT, TH-38

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CASTLETON:
STA 29+19.84 LT, TH-69
STA 37+01.28 RT, TH-38

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
CASTLETON:
STA 29+19.84 LT, TH-69 "S,T,O,P" (4 EA)
STA 37+01.28 RT, TH-38 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CASTLETON:
STA 29+19.84 LT, TH-69 "S,T,O,P" (8 EA)
STA 37+01.28 RT, TH-38 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 20

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 5

STA 28+51.0, LT
RET Lake Bomoseen Marina next right 1/3
RET Edward Kehoe Conservation Camp 1 2/10
RET Bomoseen St. Park next right 4
RET RET

STA 29+07.0, LT
R STOP 0041 1103 0054 R
R B-B

STA 28+92.0, LT
S E CREEK DRIVE
N STOP 0041 1103 0055 N
N B-B

STA 28+92.0, LT
R&S E CREEK DRIVE
R

BITUMINOUS CONCRETE GUTTER
END STA 28+95.0, LT
7' WIDE GUTTER

STA 29+33.0, LT
N NO OUTLET N

STA 29+33.0, LT
S S
N N

STA 29+34.0, LT
R DEAD END
R&S
R

TH-69
EAST CREEK DRIVE
MM 0.553 = STA 29+19.84
(ASPHALT)

STA 29+56.0, LT
SEWER MANHOLE TO REMAIN

BITUMINOUS CONCRETE GUTTER
BEGIN STA 29+60.0, LT
3' WIDE GUTTER

STA 29+36.0, LT
R LEGAL LOAD LIMIT 24,000 POUNDS
R&S
R

STA 29+36.0, LT
N LEGAL LOAD LIMIT 24,000 POUNDS N

BITUMINOUS CONCRETE GUTTER
END STA 31+25.0, LT
3' WIDE GUTTER

STA 40+62.0, LT
R
R

MATCH LINE STA 28+00
7'-0"
11'-0"
11'-0"
3'-0"
R=50'
STOP
29+00
30+00
VT. ROUTE 4A
31+00
11'-0"
11'-0"
32+00
3'-0"
3'-0"
33+00
34+00
35+00
36+00
37+00
R=30'
38+00
39+00
40+00
41+00
42+00
11'-0"
11'-0"
3'-0"
3'-0"
MATCH LINE STA 43+00

GRAVEL DRIVE
ASPHALT DRIVE
GRAVEL DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
ASPHALT DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
ASPHALT DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
ASPHALT DRIVE

EDGE OF SHOULDER
EDGE OF TRAVELWAY
WESTBOUND
EDGE OF TRAVELWAY
EDGE OF SHOULDER
EASTBOUND

STA 28+30.00
END RT SHOULDER TAPER

STA 28+29.0, RT
FIRE HYDRANT TO REMAIN

STA 31+25.0, LT
SEWER MANHOLE TO REMAIN

STA 31+50.00
END LT SHOULDER TAPER

STA 36+51.0, RT
FIRE HYDRANT TO REMAIN

STA 36+96.0
SEWER MANHOLE 29'-11", RT

BITUMINOUS CONCRETE GUTTER
END STA 28+30.0, RT
3' WIDE GUTTER

STA 28+21.0, RT
R SPEED LIMIT 40 R

STA 28+21.0, RT
N SPEED LIMIT 40 N

STA. 32+56.0, RT
R SCHOOL BUS STOP AHEAD R

STA 31+86.0, RT
R① LIONS INTERNATIONAL L CASTLETON MEETS EACH MONDAY SEPT - JUNE
R①
R

STA 37+05.0, RT
N LEGAL LOAD LIMIT 24,000 POUNDS N

STA 37+05.0, RT
R LEGAL LOAD LIMIT 24,000 POUNDS R

STA 37+57.0, RT
S PARK ST
N STOP 0041 1103 0070 N
N

STA 37+57.0, RT
R&S PARK ST
R 0041 1103 0069
R

STA 37+76.0, RT
R STOP
R

TH-38
PARK STREET
MM 0.701 = STA 37+01.28
(ASPHALT)

STA 41+76.0, RT
R&S PARK ST
R

STA 41+81.0, RT
N LEGAL LOAD LIMIT 24,000 POUNDS N

STA 41+81.0, RT
R LEGAL LOAD LIMIT 24,000 POUNDS R

16'-0"
TH-38
PARK STREET
MM 0.794 = STA 41+92.32
(ASPHALT)

STA 41+62.0, RT
HYDRANT TO REMAIN

STA 42+07.0, RT
S PARK ST
N STOP 0041 1103 0079 N
N B-B

STA 42+07.0, RT
R STOP 0041 1103 0079 R
R B-B

604.42 CHANGING ELEVATION OF SEWER MANHOLES
CASTLETON:
STA 36+96.0 RT

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
CASTLETON:
STA 28+00.0 - STA 28+95.0 LT (11.1 TON)
STA 28+00.0 - STA 28+30.0 RT (1.1 TON)
STA 29+60.0 - STA 31+25.0 LT (6.1 TON)

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. SEE SHEET 10 FOR FIRE HYDRANT PAVING MARKING DETAIL.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———————
① = RETURN TO TOWN OF CASTLETON

NOT TO SCALE

PROJECT LAYOUT SHEET #11

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058111.i

PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 32 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 43+00.00 - STA 57+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 43+00.00 - STA 57+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

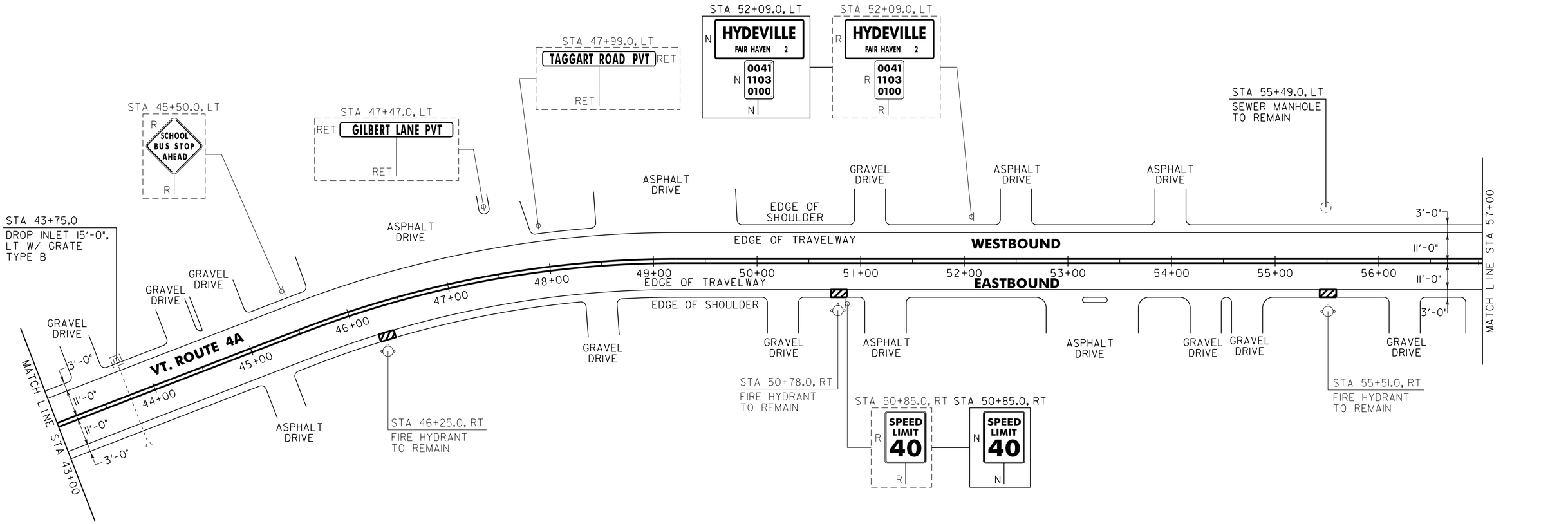
CASTLETON:	LT	℄	RT
STA 43+00.00 - STA 57+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 43+00.00 - STA 57+00.00	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 46+19.00 - STA 46+31.00 FIRE HYDRANT NO PARKING ZONE, RT
STA 50+72.00 - STA 50+84.00 FIRE HYDRANT NO PARKING ZONE, RT
STA 55+45.00 - STA 55+57.00 FIRE HYDRANT NO PARKING ZONE, RT

675.50 REMOVING SIGNS
AS SHOWN - 4



604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, (SEE NOTE 1)
CASTLETON:
STA 43+75.0 LT DID NOT TOUCH

NOTES:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
2. SEE SHEET 10 FOR FIRE HYDRANT PAVING MARKING DETAIL.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———————

NOT TO SCALE

PROJECT LAYOUT SHEET #12

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c05812.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 33 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 57+00.00 - STA 71+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 57+00.00 - STA 71+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 57+00.00 - STA 71+00.00	S	-	S
STA 63+94.08 DOUBLE SOLID LT, TH-74			

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 57+00.00 - STA 71+00.00	S	-	S
STA 63+94.08 DOUBLE SOLID LT, TH-74			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 63+54.00 - STA 63+66.00 FIRE HYDRANT NO PARKING ZONE, RT
STA 68+08.00 - STA 68+20.00 FIRE HYDRANT NO PARKING ZONE, LT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
CASTLETON:
STA 63+94.08 LT, TH-74

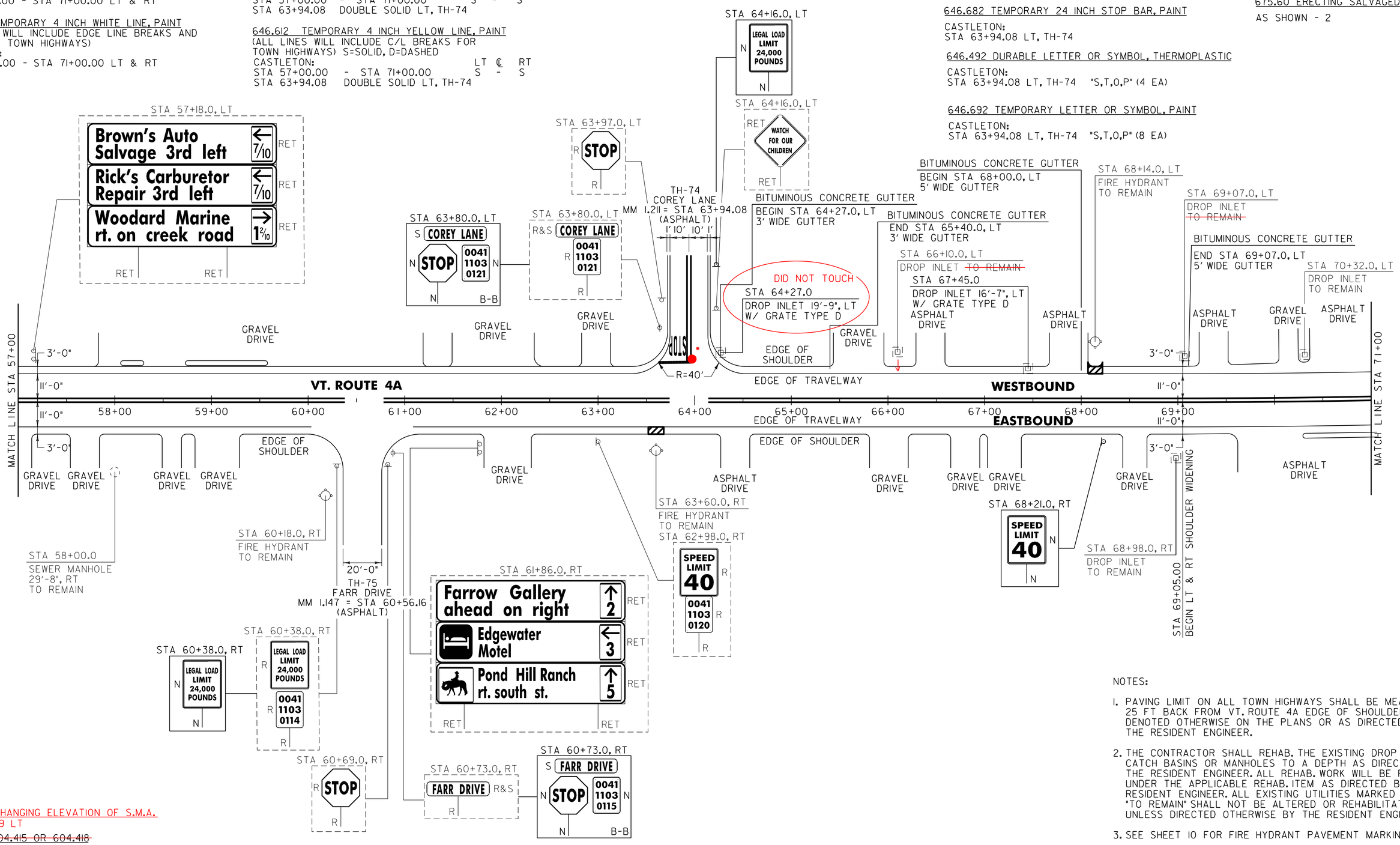
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CASTLETON:
STA 63+94.08 LT, TH-74

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
CASTLETON:
STA 63+94.08 LT, TH-74 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CASTLETON:
STA 63+94.08 LT, TH-74 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 9

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

* 604.42 CHANGING ELEVATION OF S.M.A.
STA 63+99 LT

604.412, ~~604.415 OR 604.418~~
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, (SEE NOTE 2)

CASTLETON:
STA 64+27.0 LT STA 69+07 LT
● STA 67+45.0 LT STA 66+10 LT

616.47 BITUMINOUS CONCRETE GUTTER AND TRAFFIC ISLANDS

CASTLETON:
STA 64+27.0 - STA 65+40.0 LT (4.4 TON)
STA 68+00.0 - STA 69+07.0 LT (4.2 TON)

PROJECT LAYOUT SHEET #13

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(1)S
FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c05813.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 34 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 71+00.00 - STA 85+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 71+00.00 - STA 85+00.00	S	-	S
STA 84+48.00 DOUBLE SOLID LT, TH-24			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC

CASTLETON:
STA 73+98.00 - STA 74+10.00 FIRE HYDRANT NO PARKING ZONE, LT
STA 79+01.00 - STA 79+13.00 FIRE HYDRANT NO PARKING ZONE, LT
STA 84+03.00 - STA 84+15.00 FIRE HYDRANT NO PARKING ZONE, LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 71+00.00 - STA 85+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 71+00.00 - STA 85+00.00	S	-	S
STA 84+48.00 DOUBLE SOLID LT, TH-24			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

CASTLETON:
STA 84+48.00 LT, TH-24

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

CASTLETON:
STA 84+48.00 LT, TH-24

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

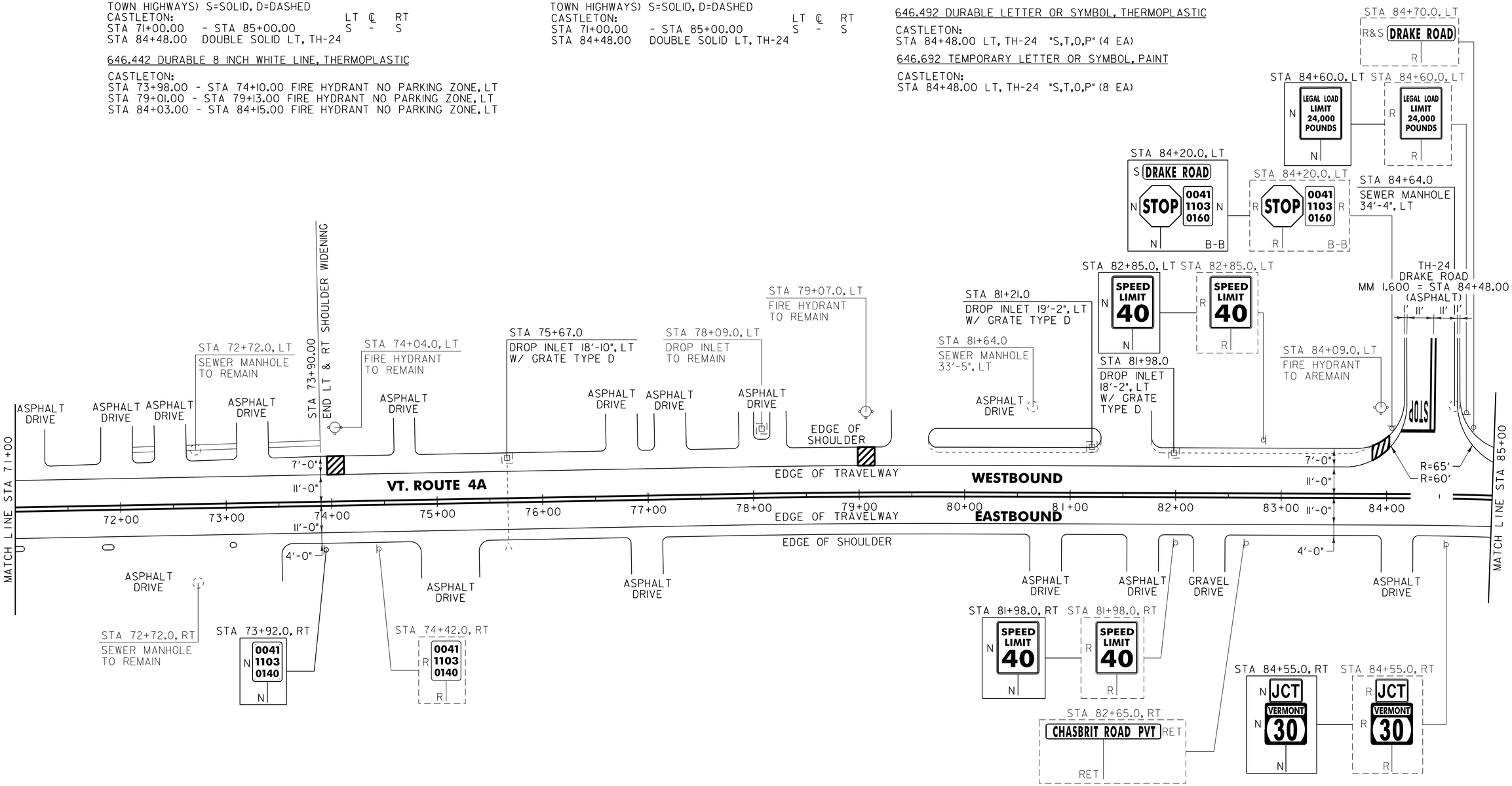
CASTLETON:
STA 84+48.00 LT, TH-24 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

CASTLETON:
STA 84+48.00 LT, TH-24 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 9

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



604.412, ~~604.415 OR 604.418~~
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, (SEE NOTE 3)

CASTLETON:
STA 75+67.0 LT
STA 81+21.0 LT
STA 81+98.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

CASTLETON:
STA 84+64.0 LT

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.
3. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #14

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c05811 4.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 35 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 85+00.00 - STA 92+00 LT & RT
STA 91+70.00 - STA 92+00.00 DOTTED LANE LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 85+00.00 - STA 92+00 LT & RT
STA 91+70.00 - STA 92+00.00 DOTTED LANE LINE RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 85+00.00 - STA 90+35.00	S	-	S
STA 90+35.00 - STA 92+00.00 DOUBLE SOLID MEDIAN LT & RT			

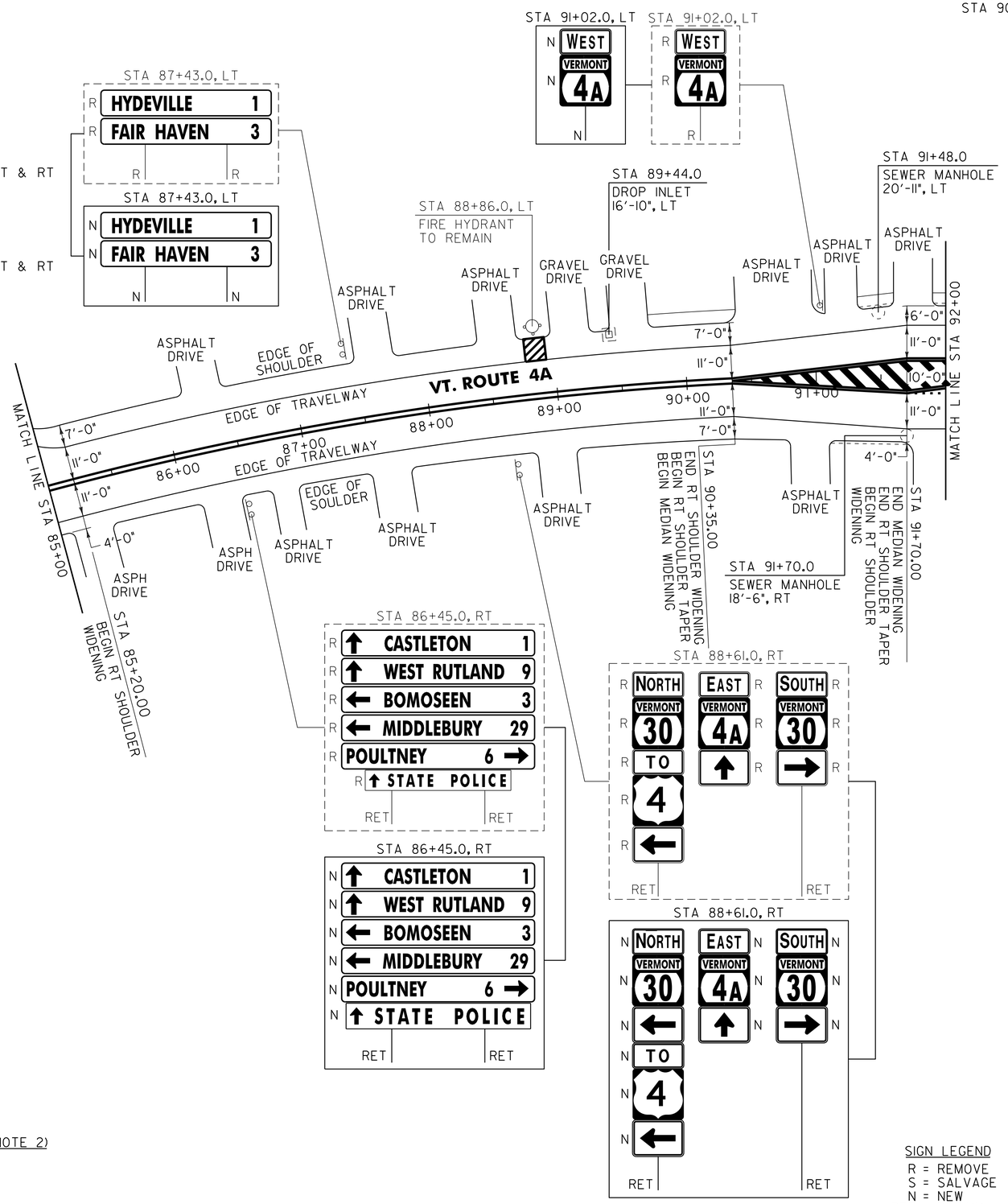
646.6121 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 85+00.00 - STA 90+35.00	S	-	S
STA 90+35.00 - STA 92+00.00 DOUBLE SOLID MEDIAN LT & RT			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 88+80.0 - STA 88+92.0 FIRE HYDRANT NO PARKING ZONE, LT

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
CASTLETON:
STA 90+35.00 - STA 92+00.00 HATCHED MEDIAN LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 21



604.412, ~~604.415 OR 604.418~~
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES (SEE NOTE 2)
CASTLETON:
STA 89+44.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
CASTLETON:
STA 91+48.0 LT
STA 91+70.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————————

NOTES:

1. SEE SHEET 47 FOR VEHICLE LOOP DETECTOR DETAIL.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #15

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058115.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 36 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 92+00.00 - STA 99+00.00 LT & RT
STA 92+00.00 - STA 93+50.00 DOTTED LANE LINE RT
STA 93+50.00 - STA 94+25.00 SOLID LANE LINE RT
STA 95+45.00 - STA 96+05.00 SOLID LANE LINE LT
STA 96+05.00 - STA 97+85.00 DOTTED LANE LINE LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 92+00.00 - STA 99+00.00 LT & RT
STA 92+00.00 - STA 93+50.00 DOTTED LANE LINE RT
STA 93+50.00 - STA 94+25.00 SOLID LANE LINE RT
STA 95+45.00 - STA 96+05.00 SOLID LANE LINE LT
STA 96+05.00 - STA 97+85.00 DOTTED LANE LINE LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 93+50.00 - STA 94+27.00	S	-	S
STA 94+43.00 - STA 96+05.00	S	-	S

STA 94+82.88 DOUBLE SOLID LT, VT. ROUTE 30
STA 94+82.88 DOUBLE SOLID RT, VT. ROUTE 30
STA 92+00.00 - STA 93+50.00 DOUBLE SOLID MEDIAN LT & RT
STA 96+05.00 - STA 99+00.00 DOUBLE SOLID MEDIAN LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 93+50.00 - STA 94+27.00	S	-	S
STA 94+43.00 - STA 96+05.00	S	-	S

STA 94+82.88 DOUBLE SOLID LT, VT. ROUTE 30
STA 94+82.88 DOUBLE SOLID RT, VT. ROUTE 30
STA 92+00.00 - STA 93+50.00 DOUBLE SOLID MEDIAN LT & RT
STA 96+05.00 - STA 99+00.00 DOUBLE SOLID MEDIAN LT & RT

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 93+11.0 - STA 93+23.0 FIRE HYDRANT NO PARKING ZONE, LT
STA 97+48.0 - STA 94+60.0 FIRE HYDRANT NO PARKING ZONE, LT

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
CASTLETON:
STA 92+00.00 - STA 93+50.00 HATCHED MEDIAN LT & RT
STA 96+05.00 - STA 99+00.00 HATCHED MEDIAN LT & RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
CASTLETON:
STA 94+26.00 LT/RT
STA 94+82.88 LT, VT. ROUTE 30
STA 94+82.88 RT, VT. ROUTE 30
STA 95+44.00 LT/RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CASTLETON:
STA 94+26.00 LT/RT
STA 94+82.88 LT, VT. ROUTE 30
STA 94+82.88 RT, VT. ROUTE 30
STA 95+44.00 LT/RT

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
CASTLETON:
STA 94+35.00 LT/RT
STA 94+82.88 LT

*604.42 CHANGING ELEVATION OF S.M.H.
STA 94+70 RT

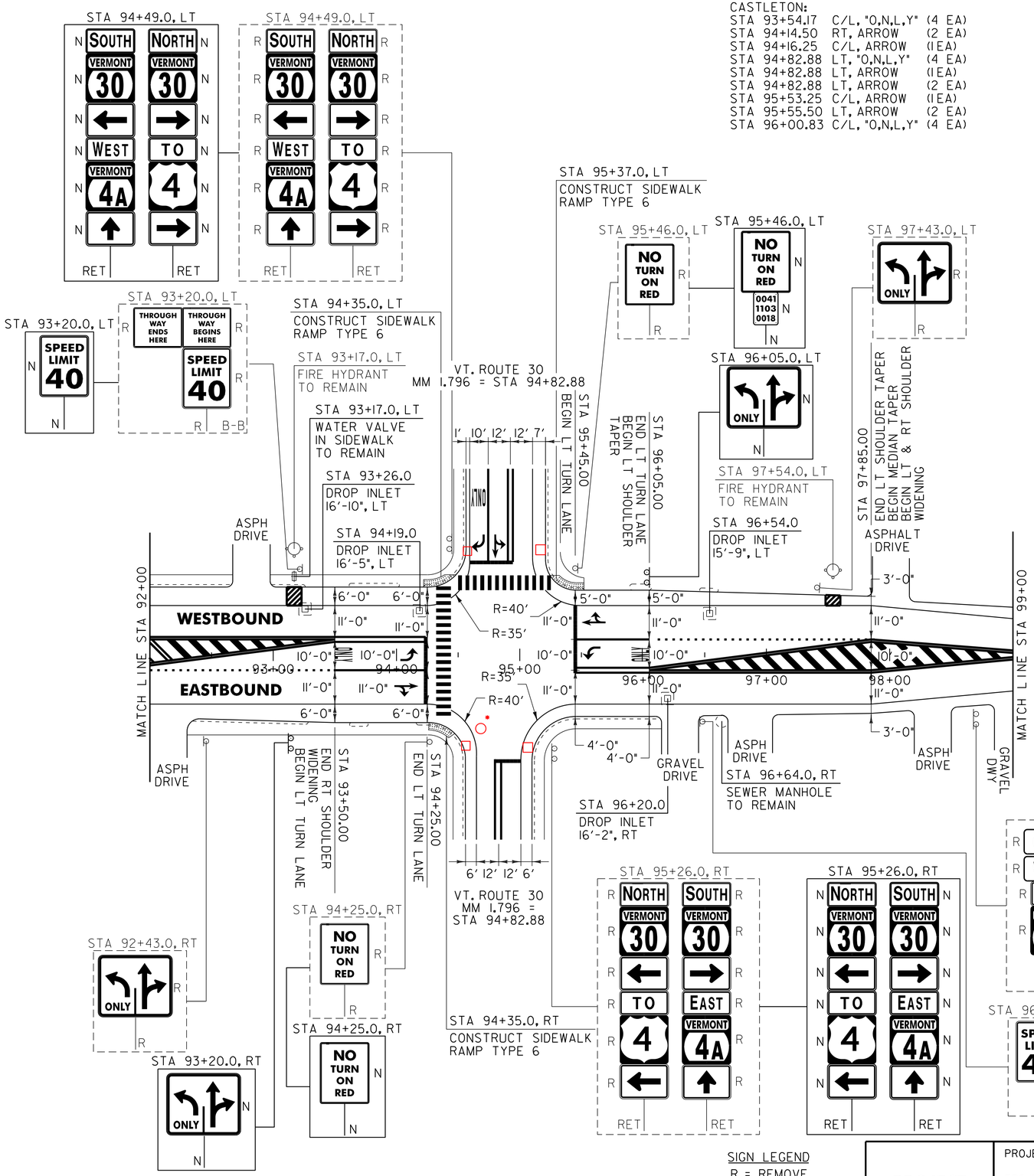
604.412, ~~604.415 OR 604.418~~
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES (SEE NOTE 2)

CASTLETON:
STA 93+26.0 LT STA 95+16 RT
~~STA 94+19.0 LT~~ STA 95+16 LT
STA 96+20.0 RT STA 94+70 LT
STA 96+54.0 LT
STA 94+67 RT

NOTES:

1. SEE SHEET 47 FOR VEHICLE LOOP LAYOUT SHEET.

2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.



646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
CASTLETON:
STA 93+54.17 C/L, "O,N,L,Y" (4 EA)
STA 94+14.50 RT, ARROW (2 EA)
STA 94+16.25 C/L, ARROW (1EA)
STA 94+82.88 LT, "O,N,L,Y" (4 EA)
STA 94+82.88 LT, ARROW (1EA)
STA 94+82.88 LT, ARROW (2 EA)
STA 95+53.25 C/L, ARROW (1EA)
STA 95+55.50 LT, ARROW (2 EA)
STA 96+00.83 C/L, "O,N,L,Y" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CASTLETON:
STA 94+14.50 RT, ARROW (4 EA)
STA 94+16.25 C/L, ARROW (2 EA)
STA 94+82.88 LT, ARROW (2 EA)
STA 94+82.88 LT, ARROW (4 EA)
STA 95+53.25 C/L, ARROW (2 EA)
STA 95+55.50 LT, ARROW (4 EA)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
CASTLETON:
STA 94+35.00 LT/RT
STA 94+82.88 LT

675.50 REMOVING SIGNS
AS SHOWN - 36

604.415
REHAB DI, CB, OR MH
STA 94+19 LT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #16

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058116.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 37 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 99+00.00 - STA 113+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 99+00.00 - STA 113+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 99+20.00 - STA 113+00.00	S	-	S
STA 99+00.00 - STA 99+20.00	DOUBLE SOLID MEDIAN LT & RT		
STA 105+70.56	DOUBLE SOLID LT, TH-72		

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 99+20.00 - STA 113+00.00	S	-	S
STA 99+00.00 - STA 99+20.00	DOUBLE SOLID MEDIAN LT & RT		
STA 105+70.56	DOUBLE SOLID LT, TH-72		

646.442 DURABLE 8 INCH WHITE, THERMOPLASTIC
CASTLETON:
STA 101+27.00 - STA 101+39.00 FIRE HYDRANT NO PARKING ZONE, LT
STA 107+82.00 - STA 107+94.00 FIRE HYDRANT NO PARKING ZONE, RT

646.452 DURABLE 8 INCH YELLOW, THERMOPLASTIC
CASTLETON:
STA 99+00.00 - STA 99+20.00 HATCHED MEDIAN LT & RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
CASTLETON:
STA 105+70.56 LT, TH-72

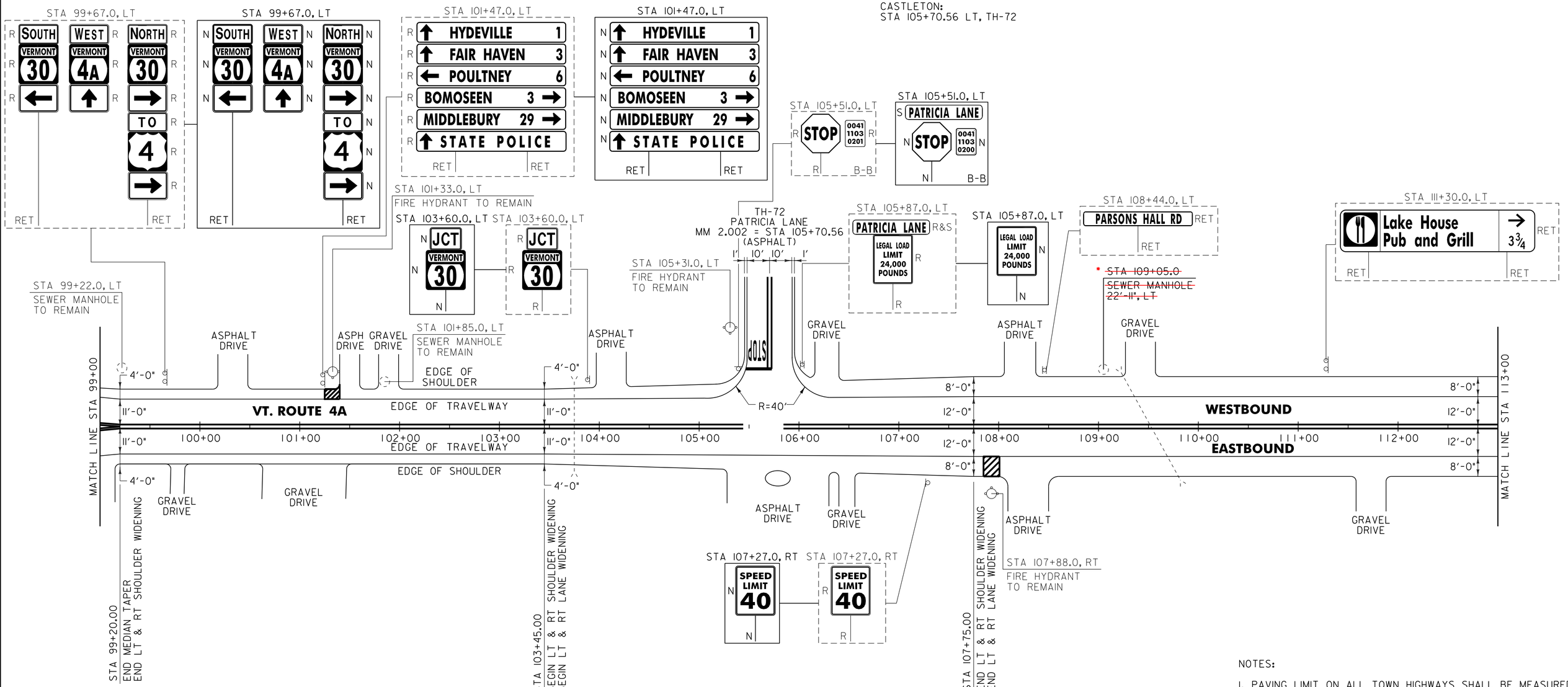
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CASTLETON:
STA 105+70.56 LT, TH-72

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
CASTLETON:
STA 105+70.56 LT, TH-72 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CASTLETON:
STA 105+70.56 LT, TH-72 "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 25

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = – – – – – –
NEW = ————

* EXISTING STRUCTURE IN CONCRETE PAD - NO ELEVATION CHANGE REQUIRED

~~604.42 CHANGING ELEVATION OF SEWER MANHOLES~~
~~CASTLETON:~~
~~STA 109+05.0 LT~~

PROJECT LAYOUT SHEET #17

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058117.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 38 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 113+00.00 - STA 127+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 113+00.00 - STA 127+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CASTLETON:

	LT	℄	RT
STA 113+00.00 - STA 127+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CASTLETON:

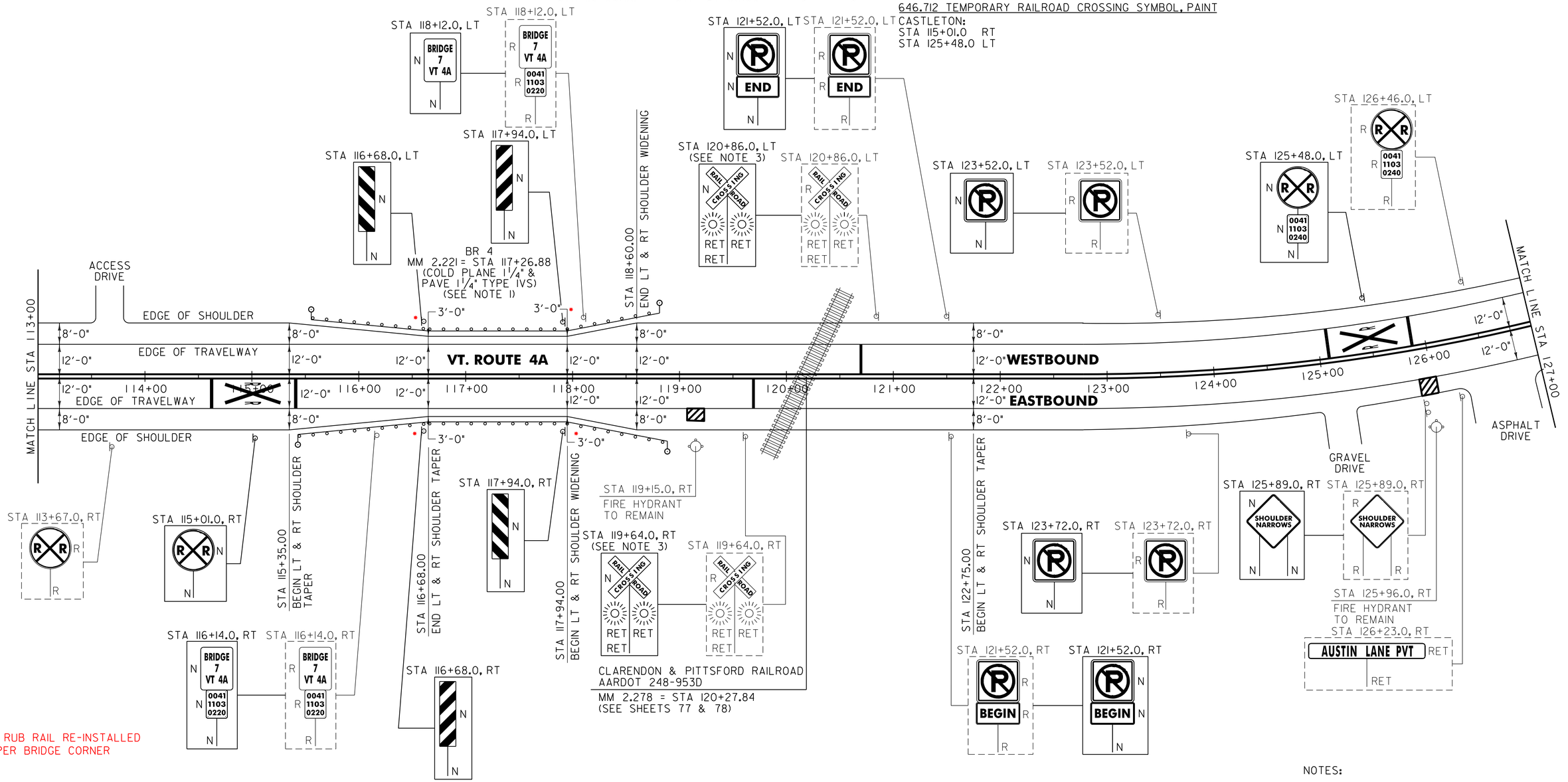
	LT	℄	RT
STA 113+00.00 - STA 127+00.00	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 119+09.00 - STA 119+21.00 FIRE HYDRANT NO PARKING ZONE, RT
STA 125+90.00 - STA 126+02.00 FIRE HYDRANT NO PARKING ZONE, RT

646.512 DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC
CASTLETON:
STA 115+01.0 RT
STA 125+48.0 LT

646.712 TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
CASTLETON:
STA 115+01.0 RT
STA 125+48.0 LT

675.50 REMOVING SIGNS
AS SHOWN - 16



*EXISTING RUB RAIL RE-INSTALLED
+12.5 LF PER BRIDGE CORNER (621.20)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
CASTLETON:
STA 115+81.0 - STA 116+31.0 RT (50.0 LF)
STA 115+93.5 - STA 116+31.0 LT (37.5 LF)
STA 118+28.0 - STA 118+40.5 LT (12.5 LF)
STA 118+28.0 - STA 118+53.0 RT (25.0 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED
CASTLETON:
STA 116+31.0 - STA 116+56.0 RT (25.0 LF)
STA 116+31.0 - STA 116+56.0 LT (25.0 LF)
STA 118+03.0 - STA 118+28.0 RT (25.0 LF)
STA 118+03.0 - STA 118+28.0 LT (25.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
CASTLETON:
STA 115+43.5 - STA 115+81.0 RT (37.5 LF)
STA 115+56.0 - STA 115+93.5 LT (37.5 LF)
STA 118+40.5 - STA 118+78.0 LT (37.5 LF)
STA 118+53.0 - STA 118+90.5 RT (37.5 LF)

621.53 TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL
CASTLETON:
STA 116+56.0 - STA 116+58.0 RT
STA 116+56.0 - STA 116+58.0 LT
STA 118+01.0 - STA 118+03.0 RT
STA 118+01.0 - STA 118+03.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
CASTLETON:
STA 115+39.0 - STA 116+56.0 RT (117.0 LF)
STA 115+53.0 - STA 116+56.0 LT (103.0 LF)
STA 118+03.0 - STA 118+80.0 LT (77.0 LF)
STA 118+03.0 - STA 118+90.0 RT (87.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
CASTLETON:
STA 115+43.5 RT
STA 115+56.0 LT
STA 118+78.0 LT
STA 118+90.5 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOTES:
1. SEE SHEET 74 FOR BR 4 DETAILS.
2. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.
3. THE CONTRACTOR SHALL INSTALL THE NEW RAILROAD CROSSING SIGNS ON THE EXISTING RAILROAD SIGNAL POST.

NOT TO SCALE

PROJECT LAYOUT SHEET #18

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c05811 8.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 39 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 127+00.00 - STA 138+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 127+00.00 - STA 138+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CASTLETON:

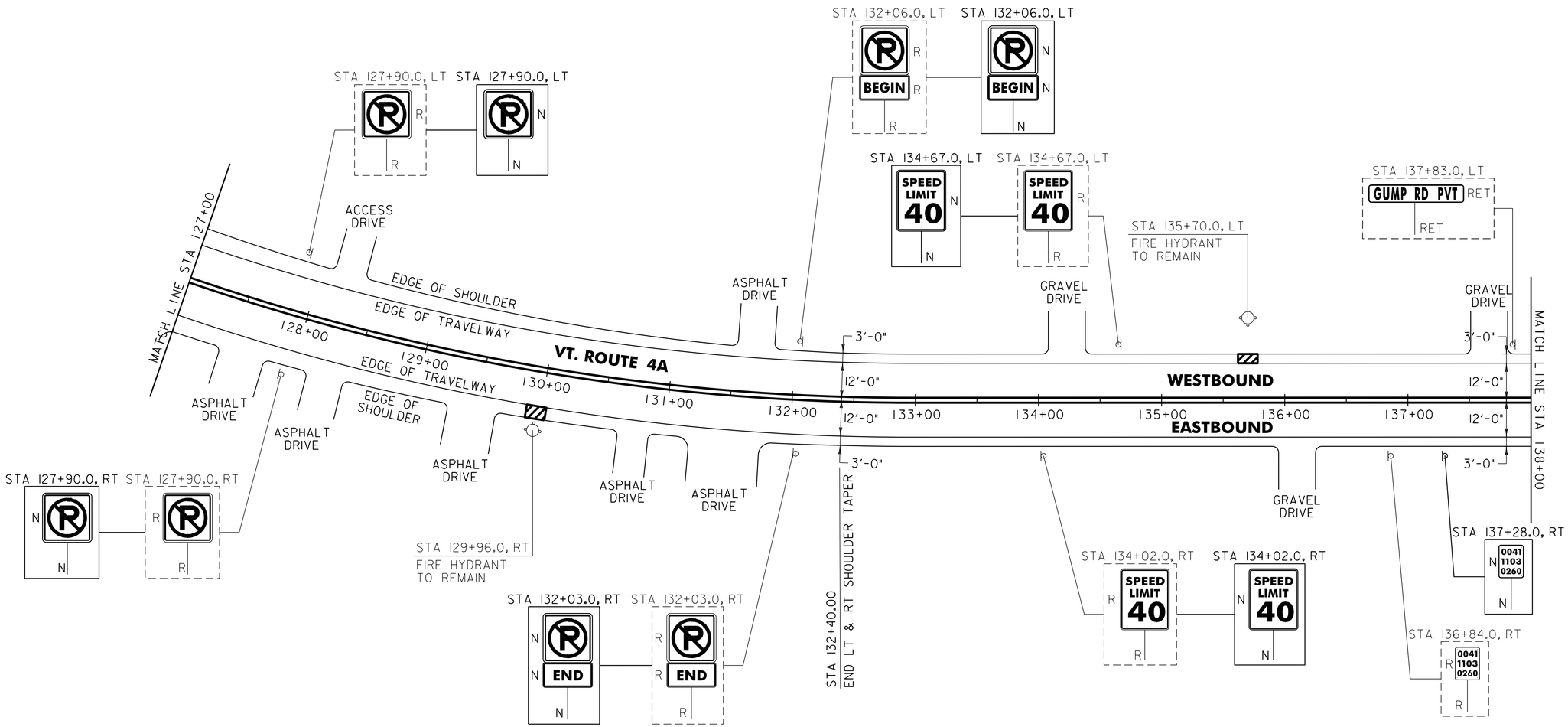
	LT	℄	RT
STA 127+00.00 - STA 138+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
CASTLETON:

	LT	℄	RT
STA 127+00.00 - STA 138+00.00	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 129+90.00 - STA 130+02.00 FIRE HYDRANT NO PARKING ZONE, RT
STA 135+64.00 - STA 135+76.00 FIRE HYDRANT NO PARKING ZONE, LT

675.50 REMOVING SIGNS
AS SHOWN - 9



NOTE:

1. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

PROJECT LAYOUT SHEET #19

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c05811 9.i
PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 40 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 138+00.00 - STA 145+83.36 LT & RT

VT. ROUTE 4A APPROACH LT & RT (150.0 LF)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
CASTLETON:
STA 138+00.00 - STA 145+83.36 LT & RT

VT. ROUTE 4A APPROACH LT & RT (150.0 LF)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

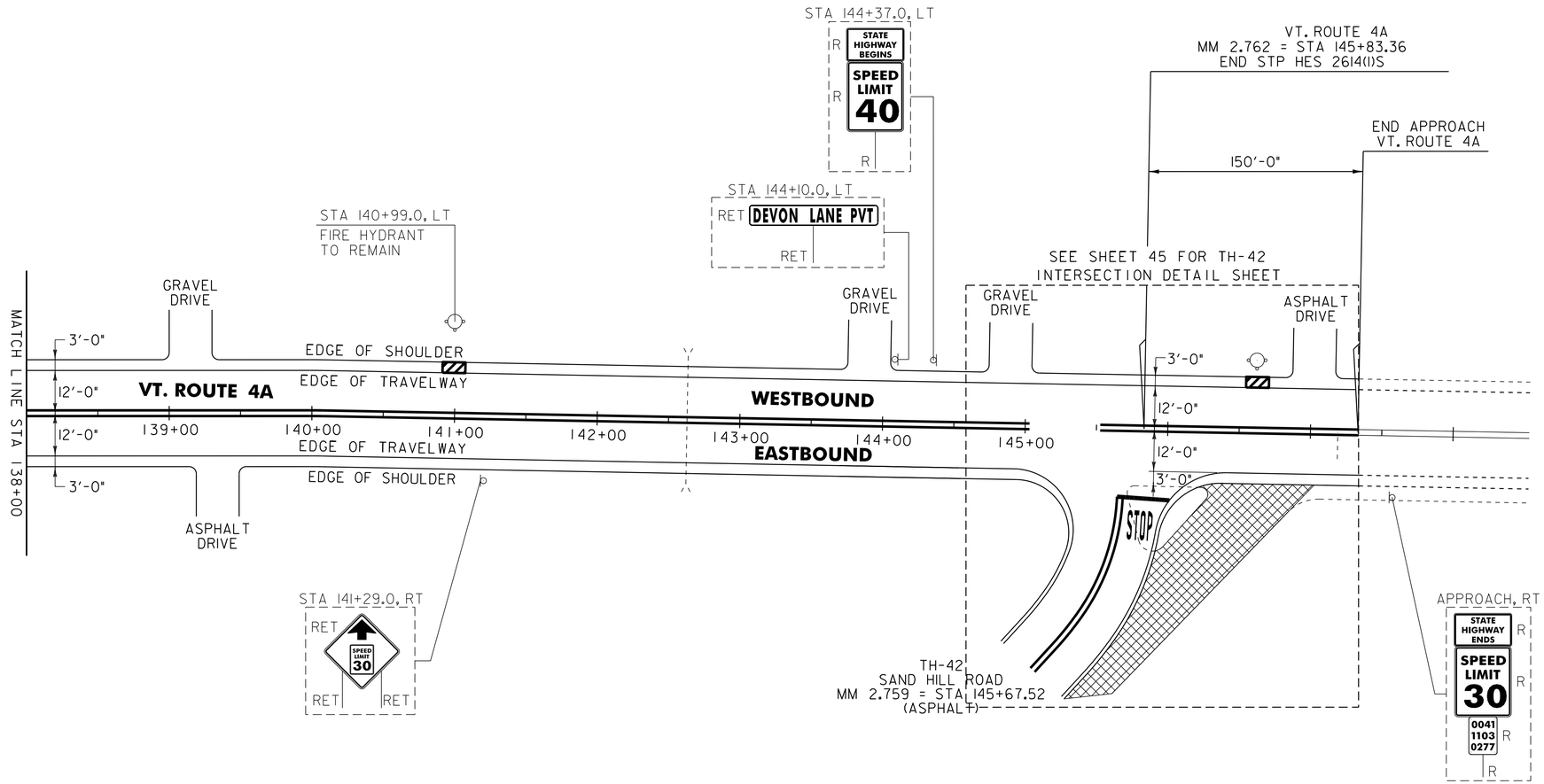
CASTLETON:	LT	℄	RT
STA 138+00.00 - STA 145+83.36	S	-	S
VT. ROUTE 4A APPROACH	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CASTLETON:	LT	℄	RT
STA 138+00.00 - STA 145+83.36	S	-	S
VT. ROUTE 4A APPROACH	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 140+93.00 - STA 141+05.00 FIRE HYDRANT NO PARKING ZONE, LT

675.50 REMOVING SIGNS
AS SHOWN - 5



NOTE:

1. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————————

NOT TO SCALE

PROJECT LAYOUT SHEET #20

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058120.i

PLOT DATE: 22-FEB-2012 12:48
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 41 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 1+00.00 - STA 11+50.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 1+22.00 - STA 11+50.00	S	-	S
STA 0+63.36 DOUBLE SOLID LT, TH-8			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
FAIR HAVEN:
STA 5+23.00 - STA 5+35.00 FIRE HYDRANT NO PARKING ZONE, LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 1+00.00 - STA 11+50.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 1+22.00 - STA 11+50.00	S	-	S
STA 0+63.36 DOUBLE SOLID LT, TH-8			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
FAIR HAVEN:
STA 0+63.36 LT, TH-8
STA 1+21.00 LT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 0+63.36 LT, TH-8 "S,T,O,P" (4 EA)
STA 1+29.00 LT, "S,T,O,P" (4 EA)
STA 8+31.00 LT, "A,H,E,A,D" (5 EA)
STA 8+63.00 LT, "S,T,O,P" (4 EA)

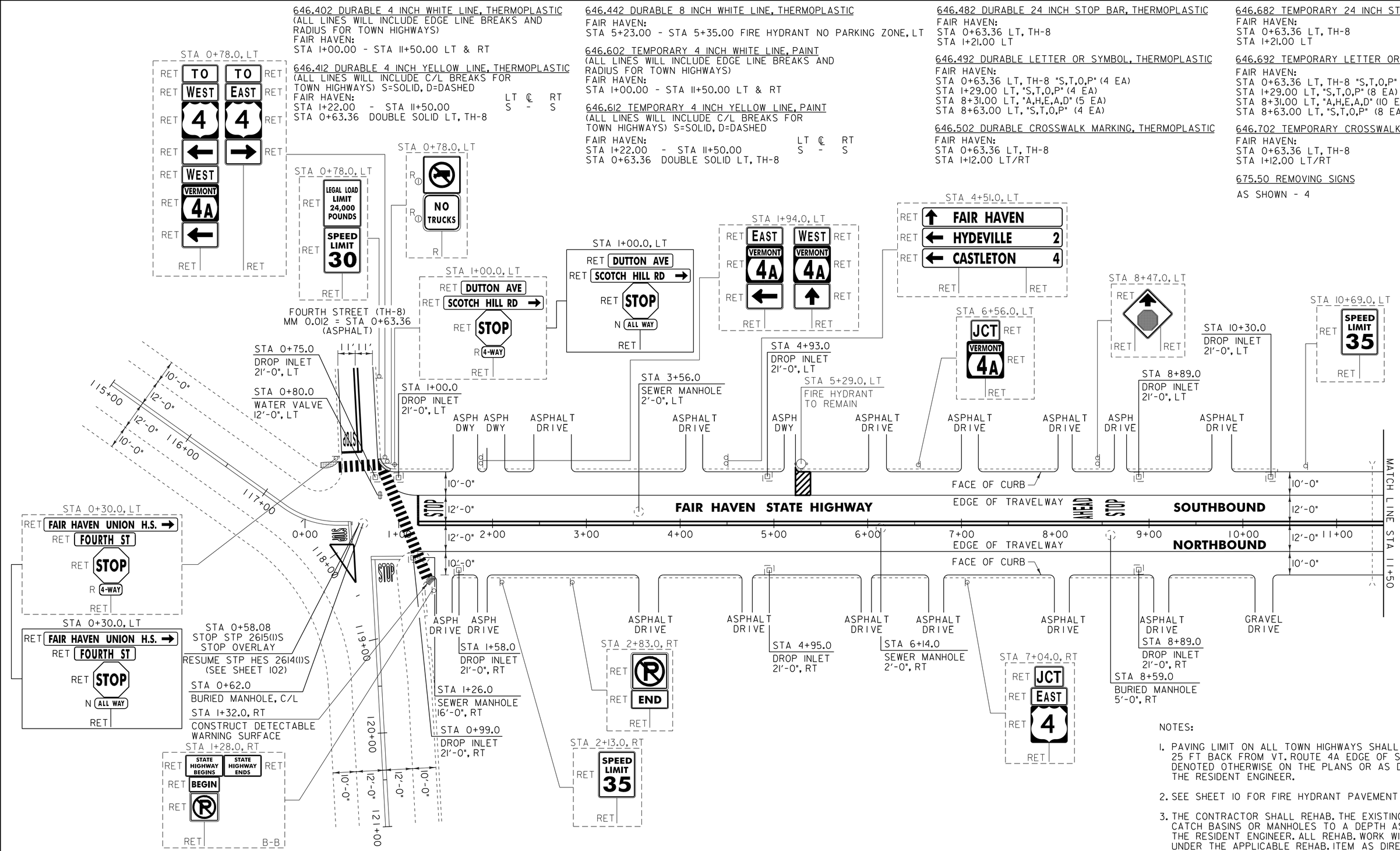
646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
FAIR HAVEN:
STA 0+63.36 LT, TH-8
STA 1+12.00 LT/RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
FAIR HAVEN:
STA 0+63.36 LT, TH-8
STA 1+21.00 LT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 0+63.36 LT, TH-8 "S,T,O,P" (8 EA)
STA 1+29.00 LT, "S,T,O,P" (8 EA)
STA 8+31.00 LT, "A,H,E,A,D" (10 EA)
STA 8+63.00 LT, "S,T,O,P" (8 EA)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
FAIR HAVEN:
STA 0+63.36 LT, TH-8
STA 1+12.00 LT/RT

675.50 REMOVING SIGNS
AS SHOWN - 4



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.
3. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

604.412, ~~604.415 OR 604.418~~
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES (SEE NOTE 3)
FAIR HAVEN:
STA 0+75.0 LT
STA 0+99.0 RT
STA 1+00.0 LT
STA 1+58.0 RT
STA 4+93.0 LT
STA 4+95.0 RT
STA 8+89.0 LT
STA 8+89.0 RT
STA 10+30.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
FAIR HAVEN:
STA 0+62.0 C/L
STA 1+26.0 RT — PAID UNDER FAIR HAVEN STP 2615(I)
STA 3+56.0 LT
STA 6+14.0 RT
STA 8+59.0 RT

629.20 ADJUST ELEVATION OF VALVE BOX
FAIR HAVEN:
STA 0+80.0 LT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———
Ⓘ = RETURN SIGN TO TOWN OF FAIR HAVEN

NOT TO SCALE

PROJECT LAYOUT SHEET #21

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058121.i
PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 42 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 11+50.00 - STA 23+00.00 LT & RT

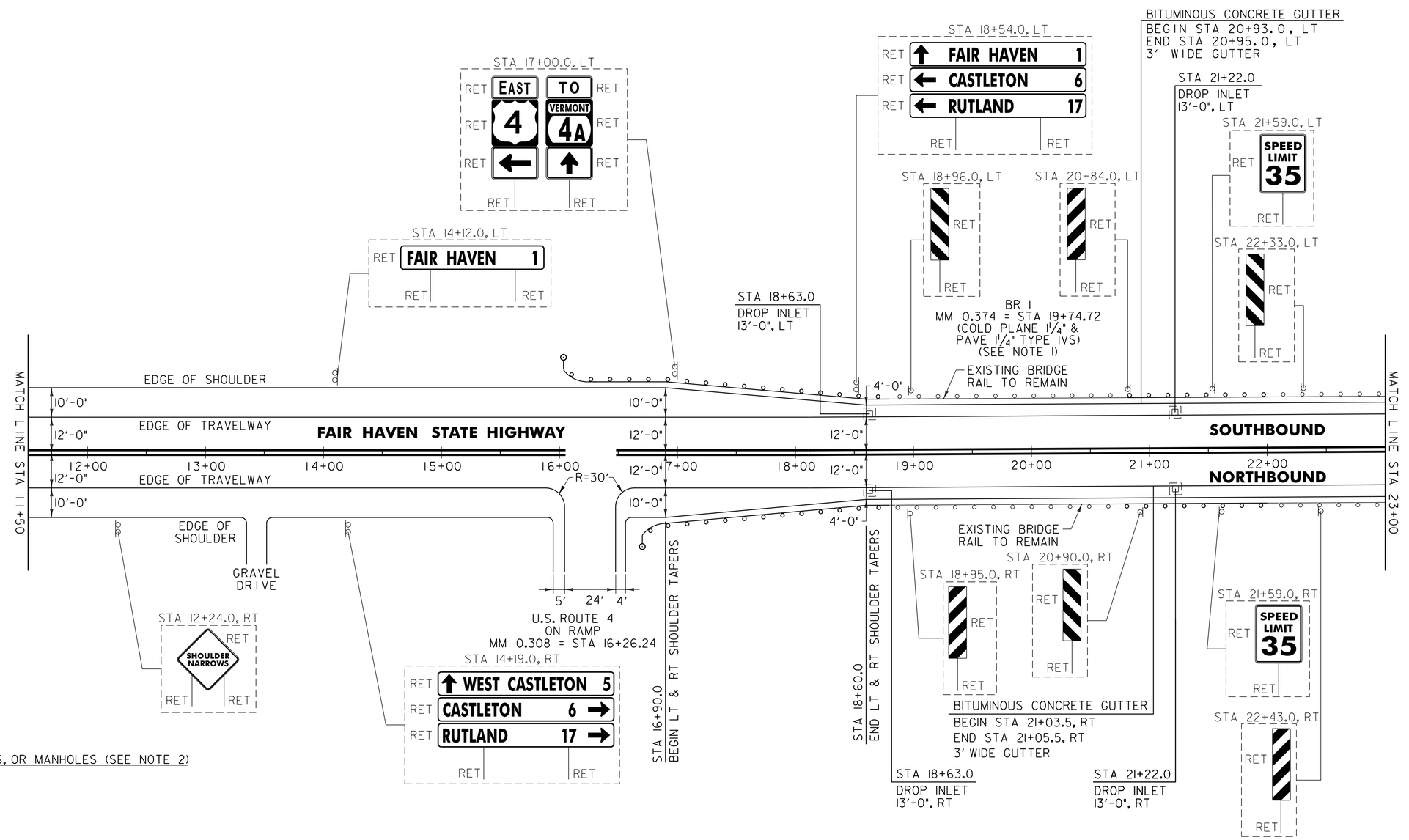
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 11+50.00 - STA 23+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 11+50.00 - STA 23+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 11+50.00 - STA 23+00.00	S	-	S



604.412, ~~604.415 OR 604.418~~
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES (SEE NOTE 2)
FAIR HAVEN:
STA 18+63.0 LT
STA 18+63.0 RT
STA 21+22.0 LT
STA 21+22.0 RT

616.35 TREATED TIMBER CURB
FAIR HAVEN:
~~STA 18+61.0 - STA 18+86.0 LT (25.0 LF)~~ 18+59 - 18+93.75 LT (34.75)
~~STA 18+70.0 - STA 18+95.0 RT (25.0 LF)~~ 18+68 - 18+93.75 RT (25.75)
~~STA 20+95.5 - STA 22+33.0 LT (137.5 LF)~~ 20+85.5 - 22+35.5 LT (15.0)
~~STA 21+05.5 - STA 22+43.0 RT (137.5 LF)~~ 20+92.0 - 22+45.0 RT (15.3)

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
FAIR HAVEN:
STA 20+93.0 - STA 20+95.0 LT (0.4 TON)
STA 21+03.5 - STA 21+05.5 RT (0.4 TON)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
FAIR HAVEN:
STA 16+41.0 - STA 18+91.0 LT (250.0 LF)
STA 17+33.5 - STA 18+71.0 RT (137.5 LF)
STA 20+82.0 - STA 22+07.0 LT (125.0 LF)
STA 21+15.0 - STA 22+18.0 RT (103.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
FAIR HAVEN:
STA 16+03.5 - STA 16+41.0 LT
STA 16+96.0 - STA 17+33.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
FAIR HAVEN:
STA 16+14.0 - STA 18+91.0 LT (277.0 LF)
STA 16+93.0 - STA 18+71.0 RT (178.0 LF)
STA 20+82.0 - STA 22+07.0 LT (125.0 LF)
STA 21+15.0 - STA 22+18.0 RT (103.0 LF)

676.10 DELINEATOR WITH STEEL POST
FAIR HAVEN:
STA 16+03.5 LT
STA 16+96.0 RT

NOTES:

1. SEE SHEET 75 FOR BR 1 DETAIL.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM FAIR HAVEN STATE HIGHWAY EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ————————

NOT TO SCALE

PROJECT LAYOUT SHEET #22

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058122.i
PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 43 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 23+00.00 - STA 31+57.44 LT & RT

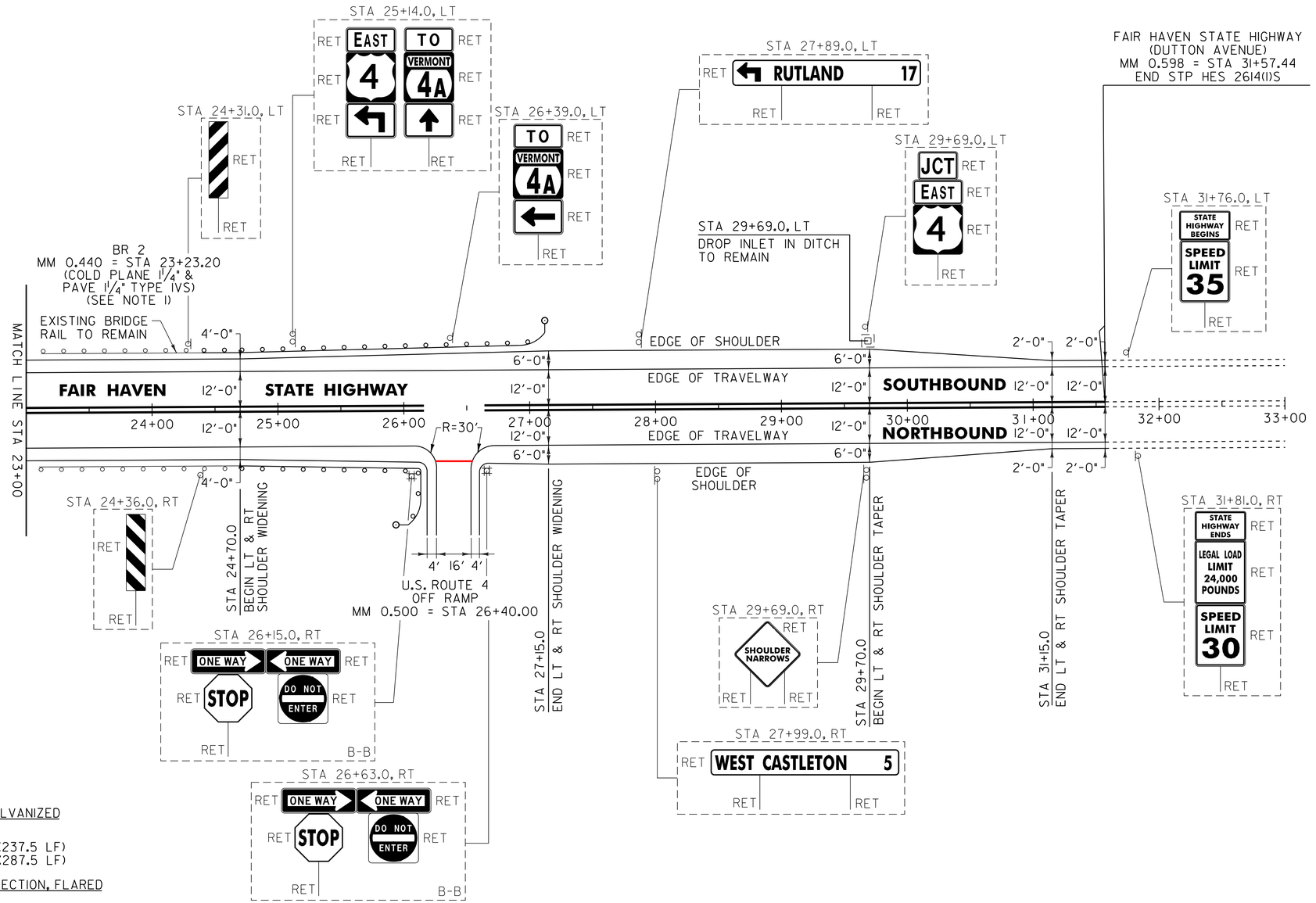
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 23+00.00 - STA 31+57.44 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 23+00.00 - STA 31+57.44	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 23+00.00 - STA 31+57.44	S	-	S



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

FAIR HAVEN:
STA 24+37.0 - STA 26+74.5 LT (237.5 LF)
STA 24+61.0 - STA 26+24.0 RT (287.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

FAIR HAVEN:
STA 26+24.0 RT
STA 26+74.5 - STA 27+12.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

FAIR HAVEN:
STA 24+37.0 - STA 27+03.0 LT (266.0 LF)
STA 24+61.0 - STA 26+24.0 RT (313.0 LF)

676.10 DELINEATOR WITH STEEL POST

FAIR HAVEN:
STA 26+24.0 RT
STA 27+12.0 LT

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC
STA 26+40 RT 45.75

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA 26+40 RT 4 EA S.T.O.P.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————————

NOTES:

1. SEE SHEET 75 FOR BR 2 DETAIL.
2. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM FAIR HAVEN STATE HIGHWAY EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #23

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058123.i
PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 44 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
STA 145+67.52 SOLID EDGE LINES RT, T-42

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
CASTLETON:
STA 145+67.52 SOLID EDGE LINES RT, T-42

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
CASTLETON:
STA 145+67.52 DOUBLE SOLID RT, T-42

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
CASTLETON:
STA 145+67.52 DOUBLE SOLID RT, T-42

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
CASTLETON:
VT. ROUTE 4A APPROACH FIRE HYDRANT NO PARKING ZONE, LT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
CASTLETON:
STA 145+67.52 RT, T-42

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
CASTLETON:
STA 145+67.52 RT, T-42

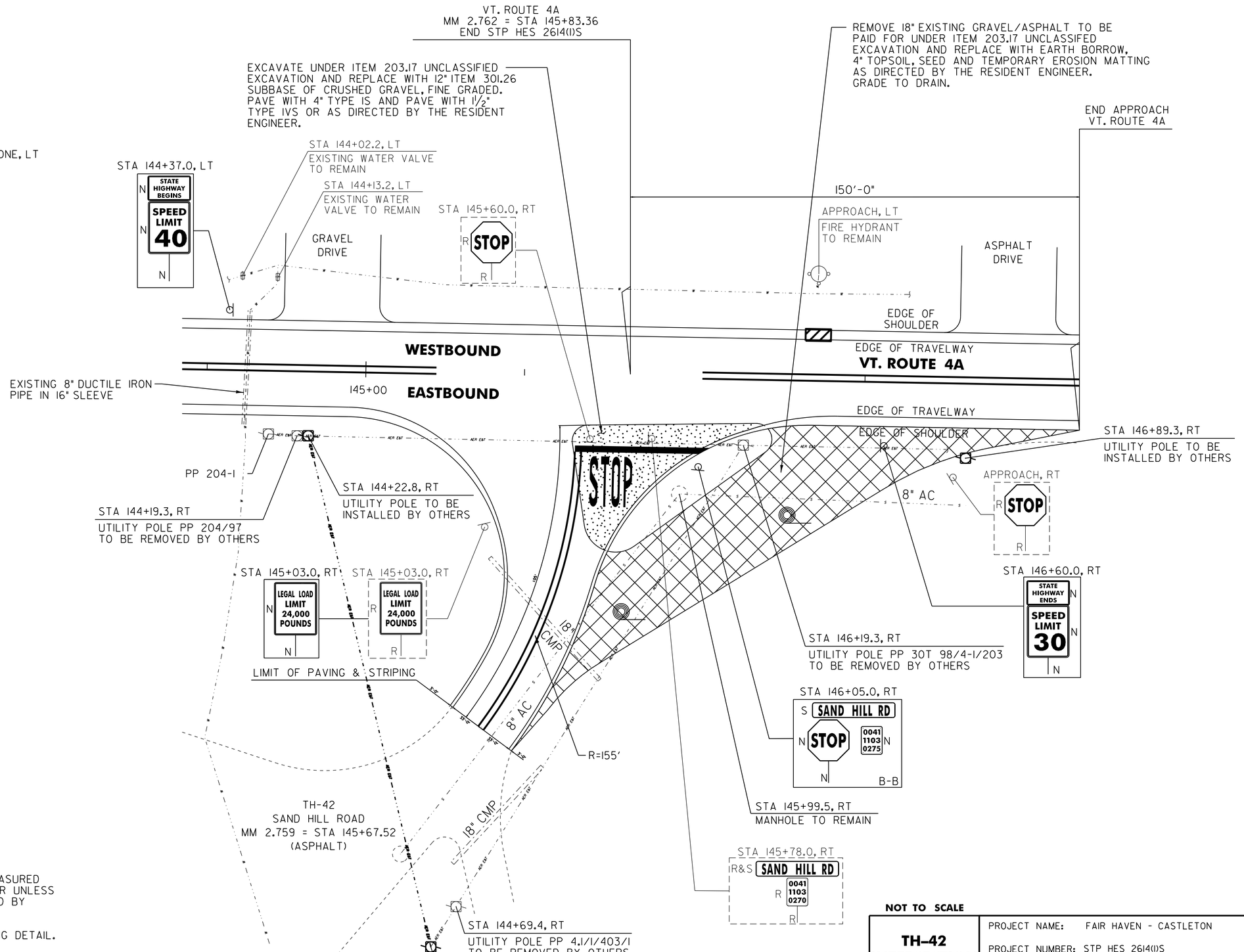
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
CASTLETON:
STA 145+67.52 RT, T-42 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
CASTLETON:
STA 145+67.52 RT, T-42 "S,T,O,P" (8 EA)

653.20 TEMPORARY EROSION MATTING
CASTLETON:
STA 145+67.52 RT, T-42 (376 SY)

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



LEGEND

TEMPORARY EROSION MATTING

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.
3. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED THROUGHOUT THE VT. ROUTE 4A CORRIDOR IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT 1-888-344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.

NOT TO SCALE

TH-42 INTERSECTION DETAIL SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058.i
PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 45 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

FAIR HAVEN:
STA W2+00.0 - STA W3+90.0 EDGE LINES LT & RT
STA W3+90.0 - STA W10+50.0 EDGE LINE RT
STA W4+86.0 - STA W6+47.0 LT, PARKING STALL MARKINGS
STA W6+47.0 - STA W6+87.0 LT, NO PARKING HATCHING
STA W10+50.0 - STA W12+22.0 EDGE LINE LT
STA W12+00.0 - STA W12+11.0 LT, NO PARKING HATCHING
STA W12+10.0 - STA W12+22.0 LT, NO PARKING HATCHING
STA W12+22.0 - STA W13+25.0 EDGE LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

FAIR HAVEN:
STA W2+00.0 - STA W3+90.0 EDGE LINES LT & RT
STA W3+90.0 - STA W10+50.0 EDGE LINE RT
STA W4+86.0 - STA W6+47.0 LT, PARKING STALL MARKINGS
STA W6+47.0 - STA W6+87.0 LT, NO PARKING HATCHING
STA W10+50.0 - STA W12+22.0 EDGE LINE LT
STA W12+00.0 - STA W12+11.0 LT, NO PARKING HATCHING
STA W12+10.0 - STA W12+22.0 LT, NO PARKING HATCHING
STA W12+22.0 - STA W13+25.0 EDGE LINE RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

FAIR HAVEN:
STA W2+00.0 - STA W4+00.0 LT, DOUBLE SOLID C/L
STA W4+00.0 - STA W4+68.0 LT, DOUBLE SOLID MEDIAN
STA W6+47.0 - STA W11+00.0 EDGE LINE, LT
STA W12+11.0 - STA W13+25.0 EDGE LINE, LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

FAIR HAVEN:
STA W2+00.0 - STA W4+00.0 LT, DOUBLE SOLID C/L
STA W4+00.0 - STA W4+68.0 LT, DOUBLE SOLID MEDIAN
STA W6+47.0 - STA W11+00.0 EDGE LINE, LT
STA W12+11.0 - STA W13+25.0 EDGE LINE, LT

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC

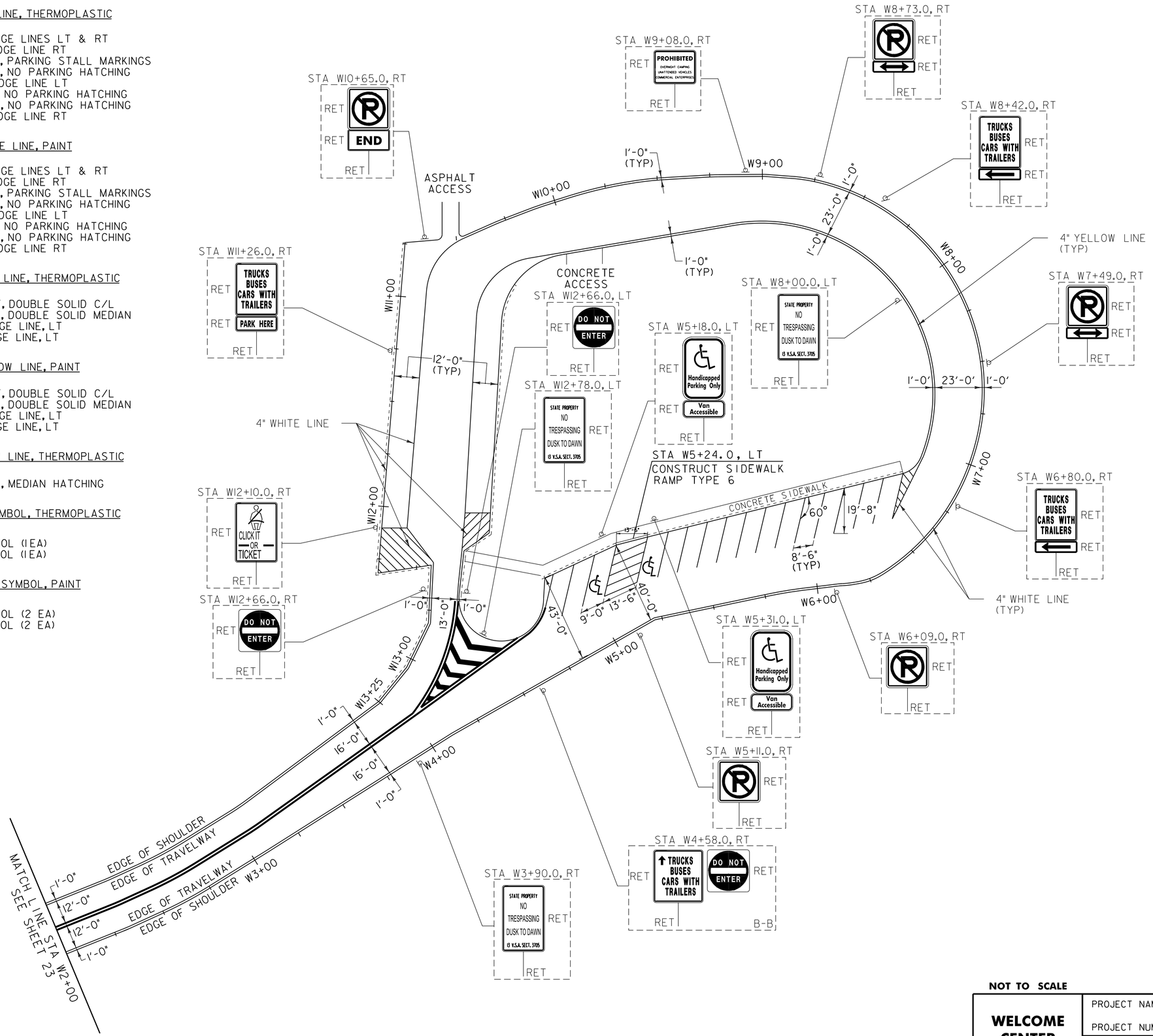
FAIR HAVEN:
STA W4+00.0 - STA W4+68.0 LT, MEDIAN HATCHING

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

FAIR HAVEN:
STA W5+02.0 LT, HANDICAP SYMBOL (1EA)
STA W5+23.0 LT, HANDICAP SYMBOL (1EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

FAIR HAVEN:
STA W5+02.0 LT, HANDICAP SYMBOL (2 EA)
STA W5+23.0 LT, HANDICAP SYMBOL (2 EA)



NOT TO SCALE

WELCOME CENTER DETAIL SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058wc.i

PLOT DATE: 22-FEB-2012 12:4
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 46 OF 157

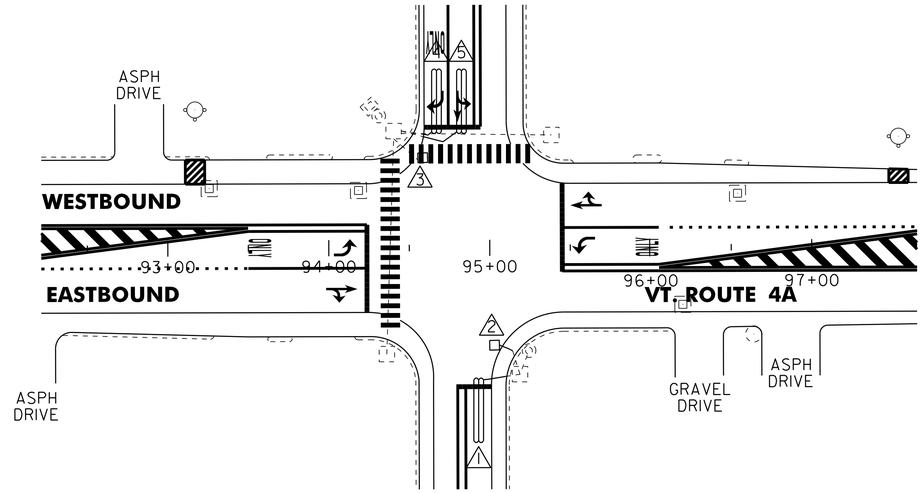
678.22 VEHICLE LOOP DETECTOR

LOOP 1 - ~~137~~ LF 150.5
LOOP 2 - ~~29~~ LF 36.5
LOOP 3 - ~~29~~ LF 30.5
LOOP 4 - ~~137~~ LF 138.5
LOOP 5 - ~~145~~ LF 173.5

VEHICLE LOOP DETECTORS							TEST RESULTS AT JUNCTION BOX / POLE					TEST RESULTS AT CONTROLLER **				
							INDUCTANCE (uH)		RESISTANCE Ω @ 25°C		(MΩ)	INDUCTANCE (uH)		RESISTANCE Ω @ 25°C		(MΩ)
LANE	LOOP NO.	SIZE	TYPE	NO TURNS	MODE	AMP	CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND	CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND
NB	1	6' x 40'	QUAD	2	PRESENCE	EXISTING	341		0.59			383		1.14		
NB RT	2	6' x 6'	RECT	4	PRESENCE	EXISTING	141		0.19			183		0.74		
SB RT	3	6' x 6'	RECT	4	PRESENCE	EXISTING	143		0.22			146		0.25		
SB RT	4	6' x 40'	QUAD	2	PRESENCE	EXISTING	343		0.62			346		0.65		
SB TH/LT	5	6' x 40'	QUAD	2	PRESENCE	EXISTING	344		0.64			347		0.67		

* MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.

** CALCULATED VALUES AT CONTROLLER ARE BASED ON DIRECT CONDUIT ROUTING TO THE NEAREST SIGNAL POLE AND CROSSING THE SPAN WIRE AS NECESSARY TO THE EXISTING CONTROLLER LOCATION. ANY SIGNAL MODIFICATION AND/OR CONTROLLER RELOCATION PRIOR TO LOOP CONNECTION WILL REQUIRE RECALCULATION OF THESE VALUES AS DIRECTED BY THE RESIDENT ENGINEER.



NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR LOOP PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
2. ALL EXISTING LOOPS SHALL BE DISCONNECTED PRIOR TO COLD PLANING THE EXISTING HIGHWAY SURFACE. SIGNAL CONTROLLER SHALL BE SET TO FIXED-TIME OPERATION.
3. ALL LOOPS WILL EXTEND 5.0 FT PAST THE CENTER OF THE STOP BAR ON EACH APPROACH.
4. LOOPS SHALL BE INSTALLED IN THE PAVEMENT PRIOR TO THE PLACEMENT OF THE WEARING COURSE.
5. LOOP WIRE SHALL BE SPLICED TO THE EXISTING LEAD-IN CABLE AT THE NEAREST JUNCTION BOX/POLE.
6. IF WATER VALVES, DROP INLETS OR OTHER OBSTRUCTIONS ARE ENCOUNTERED WITHIN THE AREA OF A PROPOSED LOOP, THE CONTRACTOR SHALL TAKE SPECIAL CARE TO AVOID THE OBSTRUCTION DURING LOOP INSTALLATION. IF LOOP SIZES OR SHAPES ARE TO BE MODIFIED DUE TO OBSTRUCTIONS, THE RESIDENT ENGINEER MUST APPROVE THE NEW LAYOUT PRIOR TO INSTALLATION.
7. SEE VAOT STANDARD E-172 FOR VEHICLE DETECTOR LOOP DETAILS.

LEGEND	
DESCRIPTION	
	NEW VEHICLE LOOPS
	EXISTING VEHICLE LOOPS
	EXISTING CONDUIT
	EXISTING JUNCTION BOX
	EXISTING CONTROLLER CABINET
	EXISTING SIGNAL POLE

NOT TO SCALE

VEHICLE LOOP LAYOUT SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058vII.i

PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 47 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: VT. ROUTE 4A: 3+20.0, RT	SPEED LIMIT 50	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
	UNLESS OTHERWISE POSTED	1	24	24	4.00																												SIGN ID CODE VR-208	70	
3+88.0, LT		1	30	30	6.25						1					X		X															SIGN ID CODE W1-1R		E-151
	25 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		E-155
3+92.0, C/L		1	24	30	5.00						1					X		X															SIGN ID CODE R4-7		E-144
		1	18	18	2.25																												BACK-TO-BACK		E-150
		1	18	18	2.25																												SIGN ID CODE OM1-1 SIGN ID CODE OM1-1		E-150
5+40.0, LT	RUTLAND 18 →	1	72	12	6.00						2					X		X															SIGN ID CODE D1-1		E-123
	← WHITEHALL, NY 5	1	72	12	6.00																												SIGN ID CODE D1-1		E-123
6+24.0, LT	JCT	1	21	15	2.19						1					X		X															SIGN ID CODE M2-1		E-136A
	4	1	24	24	4.00																												SIGN ID CODE MI-4		E-136A
	END	1	24	12	2.00																													70	-
	VERMONT 4A	1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
												LF	LF	LF	LF	LF 84	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 51.19	SF	EA.	SF				LF			LF 84				LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss01.i

PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 48 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: 7+02.0, LT		1	36	36	9.00						2					X		X															SIGN ID CODE W3-1A		E-150
7+10.0, RT	↑ WEIGH STATION WELCOME CENTER →	1	96	30		20.00					2												2	175									70	
	Wi-Fi						1																											-	-
7+10.0, RT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																												SIGN ID CODE M4-11		E-140
7+75.0, LT	FAIR HAVEN 1 →	1	72	12	6.00						2												2	196								X	SIGN ID CODE D1-1		E-123
	TO EAST	1	24	12	2.00																												SIGN ID CODE M4-5		E-136A
		1	24	12	2.00																												SIGN ID CODE M3-2		E-136B
	4 VERMONT 4A	1	24	24	4.00																												SIGN ID CODE M1-4		E-136A
		1	24	24	4.00																												SIGN ID CODE M1-4		E-136B
	← →	1	21	15	2.19																												SIGN ID CODE M6-1		E-136A
		1	21	15	2.19																												SIGN ID CODE M6-1		E-136B
9+53.0, RT	STATE OF VERMONT AGENCY OF TRANSPORATION WEIGH STATION / STATE OF VERMONT AGENCY OF TRANSPORATION WEIGH STATION						1				2												2	235										-	-
	R R	1	24	24	4.00																												BACK-TO-BACK		
			24	24	4.00																												SIGN ID CODE R8-3A		E-143
																																	SIGN ID CODE R8-3A		E-143
	TOW-AWAY ZONE / TOW-AWAY ZONE	1	12	6	1.00																												BACK-TO-BACK		
		1	12	6	1.00																												SIGN ID CODE R7-201	70	
																																	SIGN ID CODE R7-201	70	
TOTALS		SF 47.38	SF 20.00	EA. 3	SF							LF	LF	LF	LF 42	LF	LF		EA.	LB	LB	LB	EA. 6	LB 606	LB	LB	LB	EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss02.i

PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 49 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	2.0	3.0	1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
FAIR HAVEN: 10+56.0, LT	0041 1107 0020	1	6	10	0.42						1				X			X																	E-138
11+94.0, RT	PROHIBITED OVERNIGHT CAMPING UNATTENDED VEHICLES COMMERCIAL ENTERPRISES	1	24	24	4.00						1					X		X															70	
12+58.0, RT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																											SIGN ID CODE M4-6		E-140
12+78.0, RT	FAIR HAVEN 1	1	72	12	6.00						2					X		X															SIGN ID CODE D1-1		E-123
21+12.0, RT	0041 1107 0040	1	6	10	0.42						1				X			X															SIGN ID CODE VD-700		E-138
23+81.0, RT		1	30	30	6.25						1					X		X																70	
	35 M.P.H.	1	18	18	2.25																											SIGN ID CODE W13-1		E-155
28+33.0, RT		1	48	24	8.00						2					X		X															SIGN ID CODE W1-6		E-152
												LF	LF	LF	LF 28	LF 98	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 33.34	SF	EA.	SF						LF			LF 126					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss03.i

PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 50 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.16	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: 28+54.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															SIGN ID CODE VR-017		E-141
28+91.0, RT	SWAMP RD						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1107 0054	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
28+99.0, RT		1	48	24	8.00						2					X		X															SIGN ID CODE W1-6		E-152
31+50.0, RT	0041 1107 0060	1	6	10	0.42						1				X			X															SIGN ID CODE VD-700		E-138
34+85.0, RT	R R	1	36	36	7.10						1					X		X															SIGN ID CODE W10-1		E-190
35+18.0, LT		1	30	30	6.25						1					X		X															SIGN ID CODE W1-10R	70	
	35 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		E-155
37+45.5, RT		1	36	36	9.00						2					X		X															SIGN ID CODE W10-12	70	
												LF	LF	LF	LF 14	LF 112	LF 126		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 44.69	SF	EA. 1	SF				LF			LF 126					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #4

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss04.i

PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 51 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
															1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
FAIR HAVEN: 40+06.0, RT	RAIL ROAD CROSSING	1	48	18	6.00				1																								SIGN ID CODE R15-1 INSTALL PROPOSED SIGN ON EXISTING RAILROAD SIGNAL POST		E-190
40+68.0, RT	RAIL ROAD CROSSING	1	48	18	6.00				1																								SIGN ID CODE R15-1 INSTALL PROPOSED SIGN ON EXISTING RAILROAD SIGNAL POST		E-190
41+35.0, LT	RAIL ROAD CROSSING	1	48	18	6.00				1																								SIGN ID CODE R15-1 INSTALL PROPOSED SIGN ON EXISTING RAILROAD SIGNAL POST		E-190
42+24.0, LT	0041 1107 0080	1	6	10	0.42						1				X			X															SIGN ID CODE VD-700		E-138
43+97.5, LT		1	36	36	9.00						2					X		X															SIGN ID CODE W10-12	70	
45+50.0, RT	SPEED LIMIT 30	1	36	36	9.00						2					X		X															SIGN ID CODE W3-5	70	
46+60.0, LT	R R	1	36	36	7.10						1					X		X															SIGN ID CODE W10-1		E-190
49+29.0, LT	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X															SIGN ID CODE VR-039		E-141
	SPEED LIMIT 50	1	24	30	5.00																												SIGN ID CODE R2-1		E-142
												LF	LF	LF	LF 14	LF 84	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 51.52	SF	EA.	SF							LF			LF 98					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #5

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss05.i

PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 52 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
															1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
FAIR HAVEN: 49+29.0, RT	STATE HIGHWAY ENDS	1	24	18	3.00						1					X		X																E-141
	SPEED LIMIT 30	1	24	30	5.00																												SIGN ID CODE R2-1		E-142
	0041 1107 0094	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
130+36.32, RT	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X																E-141
	SPEED LIMIT 40	1	24	30	5.00																												SIGN ID CODE R2-1		E-142
		1	24	24	4.00																												SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																												SIGN ID CODE M4-6		E-140
	STATE HIGHWAY ENDS	1	24	18	3.00						1					X		X																E-141
	SPEED LIMIT 30	1	24	30	5.00																												SIGN ID CODE R2-1		E-142
		1	24	24	4.00																												SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																												SIGN ID CODE M4-11		E-140
133+41.0, LT	FAIR HAVEN	1	30	12	2.50						1					X		X																SIGN ID CODE VD-018		E-128A
												LF	LF	LF	LF	LF 56	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 38.92	SF	EA.	SF				LF			LF 56					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #6

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss06.i

PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 53 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												1.12	2.0	3.0	1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
FAIR HAVEN: 137+32.0, LT		1	36	36	9.00						2					X		X															70	
137+38.0, RT		1	6	10	0.42						1				X			X															E-138
143+89.0, LT		1	24	30	5.00						1					X		X															E-142
143+89.0, RT		1	24	30	5.00						1					X		X															E-142
147+93.0, LT		1	6	10	0.42						1				X			X															E-138
149+57.0, LT		1	36	36	9.00						2					X		X															70	
158+55.0, RT		1	6	10	0.42						1				X			X															E-138
166+74.0, RT		1	36	36	9.00						2					X		X															70	
												LF	LF	LF	LF 42	LF 112	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
TOTALS		SF 38.26	SF	EA.	SF							LF			LF 154					LB			EA.	LB				EA.	EA.	LB				

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

TRAFFIC SIGN SUMMARY SHEET #7

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss07.i

PLOT DATE: 22-FEB-2012 12:49
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 54 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 8

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: 168+50.0, LT	0041 1107 0320	1	6	10	0.42						1				X			X															SIGN ID CODE VD-700		E-138
171+65.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
171+65.0, LT	SPEED LIMIT 50	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
CASTLETON: 0+00.0, RT	CASTLETON | FAIR HAVEN	1	60	7.5	3.13						1					X		X																	E-124
	0041 1103 0000	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
	0041 1107 0325	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
3+70.0, RT	HYDEVILLE CASTLETON CORNER 1	1	30	18	3.75						1					X		X															SIGN ID CODE VD-18		E-128A
7+16.0, RT		1	30	30	6.25						1					X		X															SIGN ID CODE WI-2L		E-151
10+54.0, RT		1 1	18 18	24 24	3.00 3.00						1					X		X															BACK-TO-BACK SIGN ID CODE WI-8 SIGN ID CODE WI-8		E-150 E-150
												LF	LF	LF	LF 14	LF 84	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 30.81	SF	EA.	SF				LF			LF 98					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #8

PROJECT NAME: FAIR HAVEN - CASTLETON

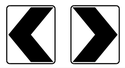
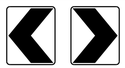
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss08.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 55 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 9

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.16	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
CASTLETON:																																				
12+15.0, RT		1	18	24	3.00						1					X		X																BACK-TO-BACK		E-150
		1	18	24	3.00																												SIGN ID CODE WI-8		E-150
																																	SIGN ID CODE WI-8		
13+89.0, RT		1	18	24	3.00						1					X		X																BACK-TO-BACK		E-150
		1	18	24	3.00																												SIGN ID CODE WI-8		E-150
																																	SIGN ID CODE WI-8		
16+56.0, RT		1	24	30	5.00						1					X		X																SIGN ID CODE R2-1		E-142
16+67.0, LT		1	24	30	5.00						1					X		X																SIGN ID CODE R2-1		E-142
18+16.0, LT		1	30	30	6.25						1					X		X																SIGN ID CODE W1-2R		E-151
20+44.0, RT		1	30	30	6.25						1					X		X																SIGN ID CODE W2-1Me	71	
		1	18	18	2.25																												SIGN ID CODE W13-1		E-155
23+21.0, LT							1				1					X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		1	30	30	6.25																												BACK-TO-BACK		E-143
		1	6	10	0.42																												SIGN ID CODE R-1		E-138
																																	SIGN ID CODE VD-700		
TOTALS		SF 43.42	SF	EA. 1	SF							LF	LF	LF	LF 98	LF	LF	EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #9

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss09.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 56 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 10

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 23+48.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														SIGN ID CODE VR-017		E-141
	SPEED LIMIT 25	1	24	30	5.00																											SIGN ID CODE R2-1		E-142
25+84.0, LT	CREEK ROAD						1				1					X		X														SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0049	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
26+39.0, RT	R	1	24	24	4.00						1					X		X														SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																											SIGN ID CODE M4-11		E-140
26+43.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														SIGN ID CODE VR-017		E-141
26+58.0, LT	R	1	24	24	4.00						1					X		X														SIGN ID CODE R8-3A		E-143
27+06.0, RT	R	1	24	24	4.00						1					X		X														SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																											SIGN ID CODE M4-6		E-140
27+06.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														SIGN ID CODE VR-017		E-141
												LF	LF	LF	LF	LF 98	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."																																			
	TOTALS				SF 42.67	SF	EA. 1	SF				LF			LF 98					EA.	LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET #10

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss10.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 57 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 11

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 27+71.0, RT	BLISSVILLE RD						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0052	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
27+71.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																												SIGN ID CODE M4-11		E-140
28+92.0, LT	E CREEK DRIVE						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0055	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
28+21.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
29+33.0, LT	NO OUTLET	1	30	30	6.25						1					X		X															SIGN ID CODE W14-2	71	
29+33.0, LT		1					1				2					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POSTS.	-	-
		1					1																										SALVAGED SIGN TO BE MOUNTED ON NEW POSTS.	-	-
29+36.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															SIGN ID CODE VR-017		E-141
												LF	LF	LF	LF	LF 112	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 35.59	SF	EA. 4	SF							LF			LF 112					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #11

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss11.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 58 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 12

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 37+05.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														SIGN ID CODE VR-017		E-141
37+57.0, RT	PARK ST						1				1					X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0070	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
41+81.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X																SIGN ID CODE VR-017		E-141
42+07.0, RT	PARK ST						1				1					X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0079	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
50+85.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X																SIGN ID CODE R2-1		E-142
52+09.0, LT	HYDEVILLE FAIR HAVEN 2	1	30	18	3.75						1					X		X																SIGN ID CODE VD-18		E-128A
	0041 1103 0100	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
60+38.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X																SIGN ID CODE VR-017		E-141
												LF	LF	LF	LF	LF 98	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 37.51	SF	EA. 2	SF				LF			LF 98					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #12

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tssl2.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 59 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 13

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 60+73.0, RT	FARR DRIVE						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0115	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
63+80.0, LT	COREY LANE						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0121	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
64+16.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															SIGN ID CODE VR-017		E-141
68+21.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
73+92.0, RT	0041 1103 0140	1	6	10	0.42						1				X			X															SIGN ID CODE VD-700		E-138
81+98.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
82+85.0, LT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
84+20.0, LT	DRAKE ROAD						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0160	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
												LF	LF	LF	LF 14	LF 98	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 40.43	SF	EA. 3	SF						LF			LF 112					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #13

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tssl3.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 60 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 84+55.0, RT	JCT	1	21	15	2.19						1					X		X															SIGN ID CODE M2-1		E-136B
	VERMONT 30	1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
84+60.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															SIGN ID CODE VR-017		E-141
86+45.0, RT	CASTLETON 1	1	72	12	6.00				2																								SIGN ID CODE DI-1 SIGN ASSEMBLY SHALL BE MOUNTED ON EXISTING POSTS.		E-123
	WEST RUTLAND 9	1	72	12	6.00																												SIGN ID CODE DI-1		E-123
	BOMOSEEN 3	1	72	12	6.00																												SIGN ID CODE DI-1		E-123
	MIDDLEBURY 29	1	72	12	6.00																												SIGN ID CODE DI-1		E-123
	POULTNEY 6	1	72	12	6.00																												SIGN ID CODE DI-1		E-123
	STATE POLICE	1	72	10	5.00																													71	
87+43.0, LT	HYDEVILLE 1	1	72	12	6.00						2					X		X															SIGN ID CODE DI-1		E-123
	FAIR HAVEN 3	1	72	12	6.00																												SIGN ID CODE DI-1		E-123
88+61.0, RT	NORTH EAST SOUTH	1	24	12	2.00				2																							X	SIGN ID CODE M3-1 SIGN ID CODE M3-2 SIGN ID CODE M3-3 SIGN ASSEMBLY SHALL BE MOUNTED ON EXISTING POSTS.		E-136B
		1	24	12	2.00																														E-136B
		1	24	12	2.00																														E-136B
	VERMONT 30 VERMONT 4A VERMONT 30	1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
		1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
		1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
		1	21	15	2.19																												SIGN ID CODE M6-1		E-136B
		1	21	15	2.19																												SIGN ID CODE M6-3		E-136B
		1	21	15	2.19																												SIGN ID CODE M6-1		E-136B
	TO	1	24	12	2.00																												SIGN ID CODE M4-5		E-136A
	4	1	24	24	4.00																												SIGN ID CODE MI-4		E-136A
		1	21	15	2.19																												SIGN ID CODE M6-1		E-136A
												LF	LF	LF	LF	LF 56	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 90.95	SF	EA.	SF						LF			LF 56					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #14

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss14.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 61 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 15

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 91+02.0, LT	WEST	1	24	12	2.00						1					X		X															SIGN ID CODE M3-4		E-136B
	VERMONT 4A	1	24	24	2.00																												SIGN ID CODE MI-4		E-136B
93+20.0, LT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
93+20.0, RT	ONLY	1	36	30	7.50						1					X		X															SIGN ID CODE VR-922		E-145A
94+25.0, RT	NO TURN ON RED	1	24	30	5.00						1					X		X															SIGN ID CODE RIO-11A		E-140
94+49.0, LT	SOUTH NORTH	1 1	24 24	12 12	2.00 2.00				2																							X	SIGN ID CODE M3-3 SIGN ID CODE M3-1 SIGN ASSEMBLY SHALL BE MOUNTED ON EXISTING POSTS.		E-136B E-136B
	VERMONT 30 VERMONT 30	1 1	24 24	24 24	4.00 4.00																												SIGN ID CODE MI-4 SIGN ID CODE MI-4		E-136B E-136B
		1 1	21 21	15 15	2.19 2.19																												SIGN ID CODE M6-1 SIGN ID CODE M6-1		E-136B E-136B
	WEST TO	1 1	24 24	12 12	2.00 2.00																												SIGN ID CODE M3-4 SIGN ID CODE M2-1		E-136B E-136A
	VERMONT 4A 4	1 1	24 24	24 24	4.00 4.00																												SIGN ID CODE MI-4 SIGN ID CODE MI-4		E-136B E-136A
		1 1	21 21	15 15	2.19 2.19																												SIGN ID CODE M6-3 SIGN ID CODE M6-1		E-136B E-136A
TOTALS					SF 54.26	SF	EA.	SF				LF	LF	LF	LF 56	LF	LF	EA.		LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #15

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss15.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 62 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 16

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.16	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 95+26.0, RT	NORTH SOUTH	1	24	12	2.00				2																								X	SIGN ID CODE M3-1 SIGN ASSEMBLY SHALL BE MOUNTED ON EXISTING POSTS.		E-136B
		1	24	12	2.00																												SIGN ID CODE M3-3		E-136B
	VERMONT 30 VERMONT 30	1	24	24	4.00																													SIGN ID CODE MI-4		E-136B
		1	24	24	4.00																													SIGN ID CODE MI-4		E-136B
	← →	1	21	15	2.19																													SIGN ID CODE M6-1		E-136B
		1	21	15	2.19																													SIGN ID CODE M6-1		E-136B
	TO EAST	1	24	12	2.00																													SIGN ID CODE M4-5		E-136A
		1	24	12	2.00																													SIGN ID CODE M3-2		E-136B
	4 VERMONT 4A	1	24	24	4.00																													SIGN ID CODE MI-4		E-136A
		1	24	24	4.00																													SIGN ID CODE MI-4		E-136B
	← ↑	1	21	15	2.19																													SIGN ID CODE M6-1		E-136A
		1	21	15	2.19																													SIGN ID CODE M6-3		E-136B
95+46.0, LT	NO TURN ON RED	1	24	30	5.00						1					X		X																SIGN ID CODE R10-11A		E-140
	0041 1103 0018	1	6	10	0.42																													SIGN ID CODE VD-700		E-138
96+05.0, LT	ONLY	1	36	30	7.50						1					X		X																SIGN ID CODE VR-922		E-145A
96+25.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X																SIGN ID CODE R2-1		E-142
98+68.0, RT	CASTLETON 1 WEST RUTLAND 9	1	72	12	6.00						2					X		X																SIGN ID CODE DI-1		E-123
		1	72	12	6.00																													SIGN ID CODE DI-1		E-123
	EAST	1	24	12	2.00																													SIGN ID CODE M3-2		E-136B
	VERMONT 4A	1	24	24	4.00																													SIGN ID CODE MI-4		E-136B
												LF	LF	LF	LF	LF 70	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 68.68	SF	EA.	SF				LF				LF 70					LB		EA.		LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #16

PROJECT NAME: FAIR HAVEN - CASTLETON
PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss16.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 63 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 17

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 99+67.0, LT	SOUTH WEST NORTH	1	24	12	2.00				2																							X	SIGN ID CODE M3-3 SIGN ASSEMBLY SHALL BE		E-136B
		1	24	12	2.00																												SIGN ID CODE M3-4 MOUNTED ON EXISTING POSTS.		E-136B
		1	24	12	2.00																												SIGN ID CODE M3-1		E-136B
	VERMONT 30 VERMONT 4A VERMONT 30	1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
		1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
		1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
		1	21	15	2.19																												SIGN ID CODE M6-1		E-136B
		1	21	15	2.19																												SIGN ID CODE M6-3		E-136B
		1	21	15	2.19																												SIGN ID CODE M6-1		E-136B
	TO	1	24	12	2.00																												SIGN ID CODE M4-5		E-136A
	4	1	24	24	4.00																												SIGN ID CODE MI-4		E-136A
		1	21	15	2.19																												SIGN ID CODE M6-1		E-136A
101+47.0, LT	HYDEVILLE 1	1	72	12	6.00				2																								SIGN ID CODE DI-1 SIGN ASSEMBLY SHALL BE		E-123
	FAIR HAVEN 3	1	72	12	6.00																												SIGN ID CODE DI-1 MOUNTED ON EXISTING POSTS.		E-123
	POULTNEY 6	1	72	12	6.00																												SIGN ID CODE DI-1		E-123
	BOMOSEEN 3	1	72	12	6.00																												SIGN ID CODE DI-1		E-123
	MIDDLEBURY 29	1	72	12	6.00																												SIGN ID CODE DI-1		E-123
	STATE POLICE	1	72	10	5.00																													71	-
103+60.0, LT	JCT	1	21	15	2.19						1					X		X															SIGN ID CODE M2-1		E-136B
	VERMONT 30	1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
105+51.0, LT	PATRICIA LANE						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0200	1	30	30	6.25																												BACK-TO-BACK		E-143
		1	6	10	0.42																												SIGN ID CODE R-1 SIGN ID CODE VD-700		E-138
												LF	LF	LF	LF	LF 28	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 80.62	SF	EA. 1	SF						LF			LF 28					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #17

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss17.i

PLOT DATE: 22-FEB-2012 12:50
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 64 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 18

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 105+87.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															SIGN ID CODE VR-017		E-141
107+27.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
115+01.0, RT	RR	1	36	36	7.10						1					X		X															SIGN ID CODE W10-1		E-190
116+14.0, RT	BRIDGE 7 VT 4A	1	6	8	0.33						1				X			X															SIGN ID CODE VD-701		E-134
	0041 1103 0220	1	6	10	0.42																											SIGN ID CODE VD-700		E-138
116+68.0, LT		1	12	36	3.00						1					X		X															SIGN ID CODE OM-3L		E-107
116+68.0, RT		1	12	36	3.00						1					X		X															SIGN ID CODE OM-3R		E-107
117+94.0, LT		1	12	36	3.00						1					X		X															SIGN ID CODE OM-3R		E-107
117+94.0, RT		1	12	36	3.00						1					X		X															SIGN ID CODE OM-3L		E-107
												LF	LF	LF	LF 14	LF 98	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 29.85	SF	EA.	SF						LF			LF 112					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #18

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss18.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 65 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 19

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 118+12.0, LT	BRIDGE 7 VT 4A	1	6	8	0.33						1				X			X															SIGN ID CODE VD-701		E-134
119+64.0, RT	RAIL CROSSING ROAD	1	48	18	6.00				1																								SIGN ID CODE R15-1 INSTALL NEW SIGN ON EXISTING RAILROAD SIGNAL POST		E-190
120+86.0, LT	RAIL CROSSING ROAD	1	48	18	6.00				1																								SIGN ID CODE R15-1 INSTALL NEW SIGN ON EXISTING RAILROAD SIGNAL POST		E-190
121+52.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																												SIGN ID CODE M4-6		E-140
121+52.0, RT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																												SIGN ID CODE M4-11		E-140
123+52.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
123+72.0, RT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
TOTALS		SF 32.33	SF	EA.	SF		LF	LF	LF	LF 14	LF 56	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #19

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss19.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 66 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 20

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: I25+48.0, LT	R R	1	36	36	7.10						1					X		X															SIGN ID CODE W10-1		E-190
	0041 1103 0240	1	6	10	0.42																												SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
I25+89.0, RT	SHOULDER NARROWS	1	36	36	9.00						2					X		X															SIGN ID CODE W6-1		E-151
I27+90.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
I27+90.0, RT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
I32+03.0, RT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																												SIGN ID CODE M4-6		E-140
I32+06.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																												SIGN ID CODE M4-11		E-140
I34+02.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
I34+67.0, LT	SPEED LIMIT 40	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
												LF	LF	LF	LF	LF 126	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 46.52	SF	EA.	SF				LF			LF 126					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #20

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(11)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss20.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 67 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 21

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.16	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
CASTLETON: 137+28.0, RT	0041 1103 0260	1	6	10	0.42						1				X			X																SIGN ID CODE VD-700		E-138
144+57.0, LT	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X																SIGN ID CODE VR-039	-	E-141
	SPEED LIMIT 40	1	24	30	5.00																													SIGN ID CODE R2-1	-	E-142
145+03.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X																SIGN ID CODE VR-017		E-141
146+05.0, RT	SAND HILL RD						1				1					X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1103 0275	1 1	30 6	30 10	6.25 0.42																													BACK-TO-BACK SIGN ID CODE R-1 SIGN ID CODE VD-700		E-143 E-138
146+60.0, RT	STATE HIGHWAY ENDS	1	24	18	3.00						1					X		X																SIGN ID CODE VR-038	-	E-141
	SPEED LIMIT 30	1	24	30	5.00																													SIGN ID CODE R2-1	-	E-142
WELCOME CENTER: WI+13.0, LT	STATE PROPERTY NO TRESPASSING DUSK TO DAWN 10 V.S.A. SEC. 2255	1	12	18	1.50						1					X		X																		71	
FAIR HAVEN STATE HIGHWAY: 0+30.0, LT	ALL WAY	1	18	6	0.75																													SIGN ID CODE RI-4	71	
1+00.0, LT	ALL WAY	1	18	6	0.75																													SIGN ID CODE RI-4	71	
												LF	LF	LF	LF 14	LF 70	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 31.09	SF	EA. 1	SF				LF			LF 84					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #21

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss21.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 68 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 22

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.16	SQUARE STEEL (in) 2.5 lb/ft 3.35	SQUARE STEEL ANCHOR	SQUARE STEEL SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
	SHEET 48 SUBTOTAL				51.19											84																			
	SHEET 49 SUBTOTAL				47.38	20.00	3									42							6	606										
	SHEET 50 SUBTOTAL				33.34										28	98																		
	SHEET 51 SUBTOTAL				44.69		1								14	112																		
	SHEET 52 SUBTOTAL				51.52										14	84																		
	SHEET 53 SUBTOTAL				38.92											56																		
	SHEET 54 SUBTOTAL				38.26										42	112																		
	SHEET 55 SUBTOTAL				30.81										14	84																		
	SHEET 56 SUBTOTAL				43.42		1									98																		
	SHEET 57 SUBTOTAL				42.67		1									98																		
	SHEET 58 SUBTOTAL				35.59		4									112																		
	SHEET 59 SUBTOTAL				37.51		2									98																		
	SHEET 60 SUBTOTAL				40.43		3								14	98																		
	SHEET 61 SUBTOTAL				90.95											56																		
	SHEET 62 SUBTOTAL				54.26											56																		
	SHEET 63 SUBTOTAL				68.68											70																		
	SHEET 64 SUBTOTAL				80.62		1									28																		
	SHEET 65 SUBTOTAL				29.85										14	98																		
	SHEET 66 SUBTOTAL				32.33										14	56																		
	SHEET 67 SUBTOTAL				46.52											126																		
	SHEET 68 SUBTOTAL				31.09		1								14	70																		
	SUBTOTAL				970.03	20.00	17								168	1736							6	606										
	ROUNDING				0.97	-	-								2	44							-	14										
												LF	LF	LF	LF 170	LF 1780	LF		EA.	LB	LB	LB		LB 620	LB	LB	LB							
TOTALS					SF 971	SF 20	EA. 17	SF				LF			LF 1950					LB			EA. 6	LB 620				EA.	EA.	LB				

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

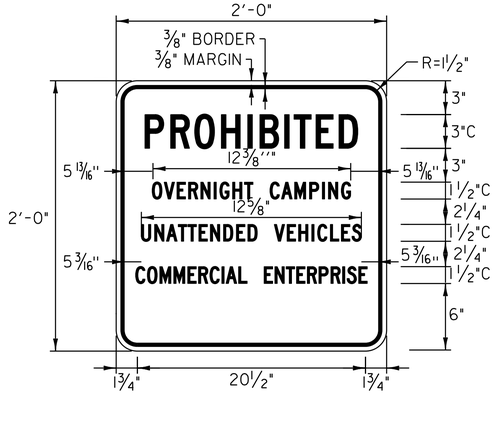
TRAFFIC SIGN SUMMARY SHEET #22

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss22.i

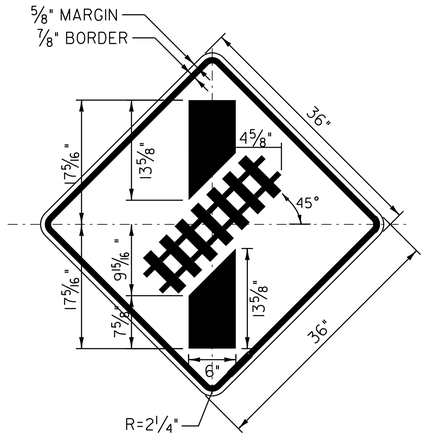
PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 69 OF 157



COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

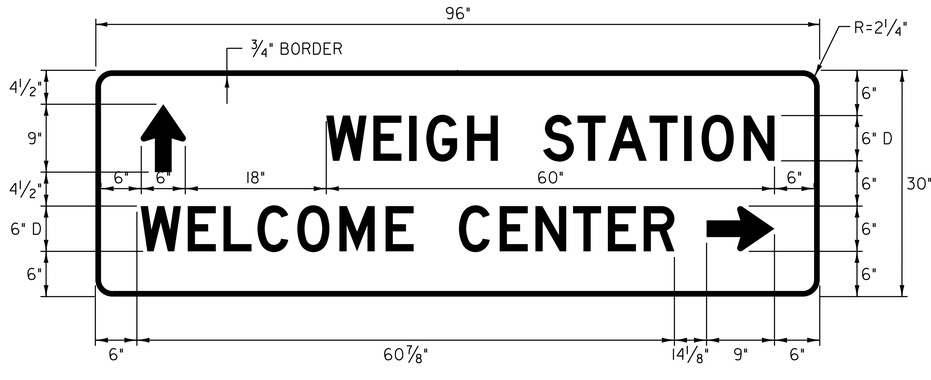
LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 11+94.0, RT



COLOR: BLACK BORDER & TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

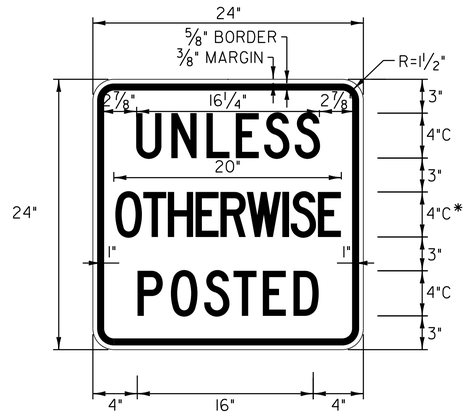
LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 37+45.5, RT
STA 43+97.5, LT



COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-123

LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 7+10.0, RT

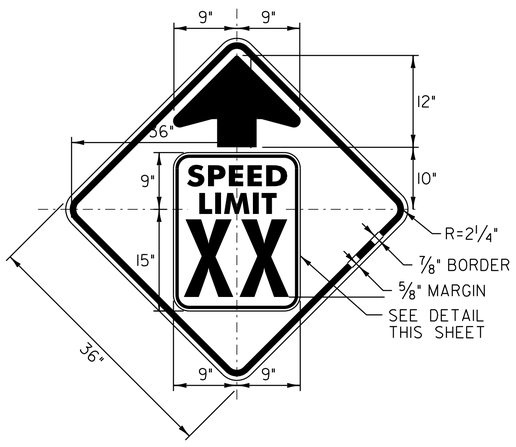


*LETTERING USED WITH 25% SPACING

COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

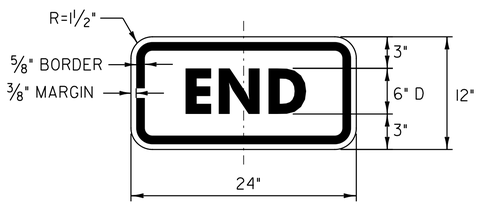
LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 3+20.0, RT



COLOR: BLACK BORDER & LEGEND
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

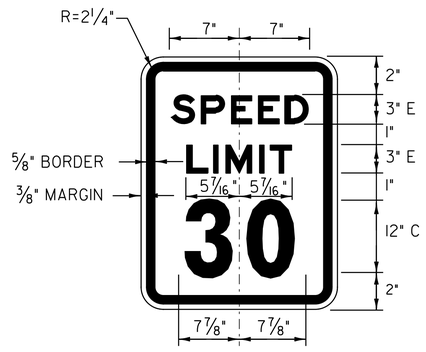
LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 45+50.0, RT
STA 137+32.0, LT
STA 149+57.0, LT
STA 166+74.0, RT



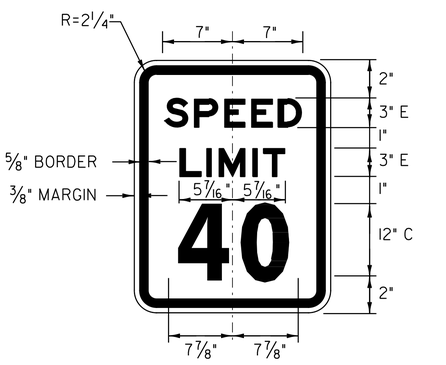
COLOR: GREEN BORDER & TEXT (RETROREFLECTIVE)
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-136B

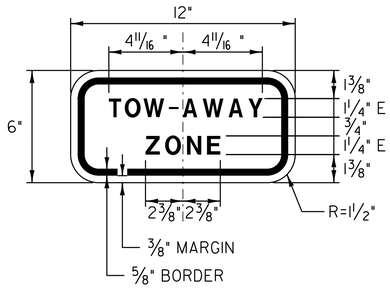
LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 6+24.0, LT



COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (RETROREFLECTIVE)



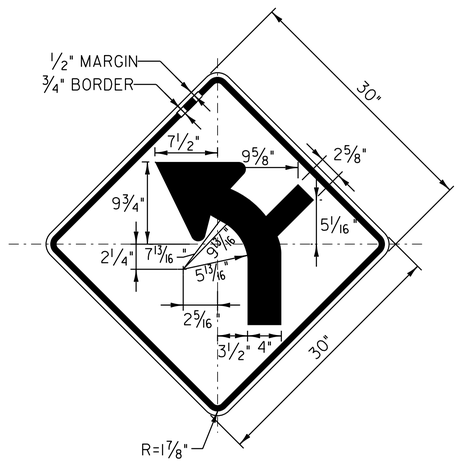
COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (RETROREFLECTIVE)



COLOR: RED LEGEND (RETROREFLECTIVE)
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-143

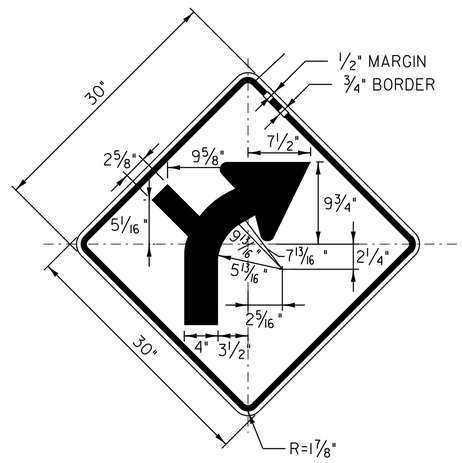
LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 9+53.0, RT
STA 9+53.0, RT



COLOR: BLACK BORDER & LEGEND
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 23+81.0, RT



COLOR: BLACK BORDER & LEGEND
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 35+18.0, LT

NOT TO SCALE

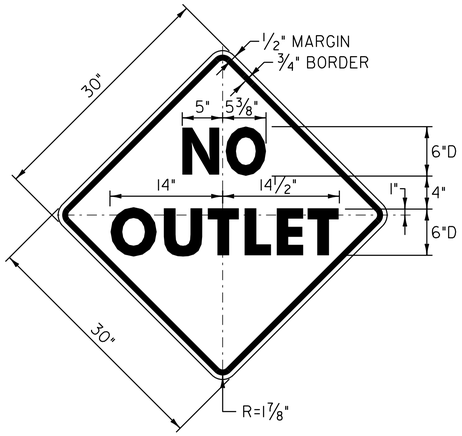
TRAFFIC SIGN DETAIL SHEET #1

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tsd.i

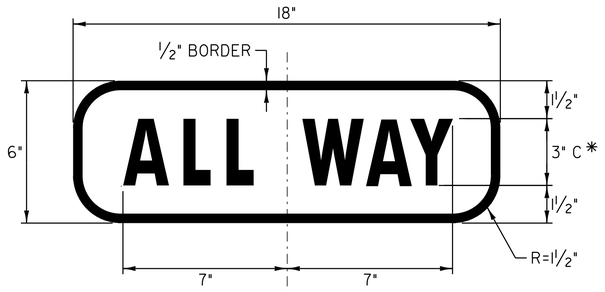
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 70 OF 157



COLOR: BLACK BORDER & TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

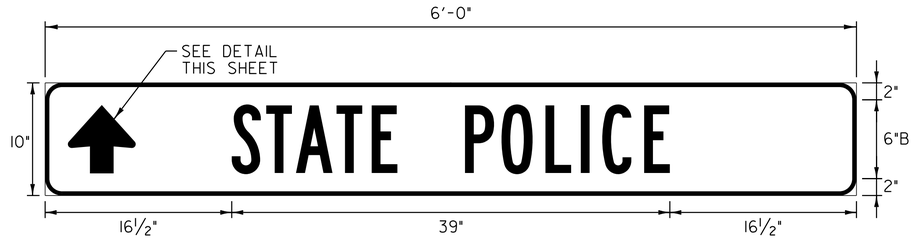
LOCATION: VT. ROUTE 4A
CASTLETON:
STA 29+33.0, LT



COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)
RED BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-143

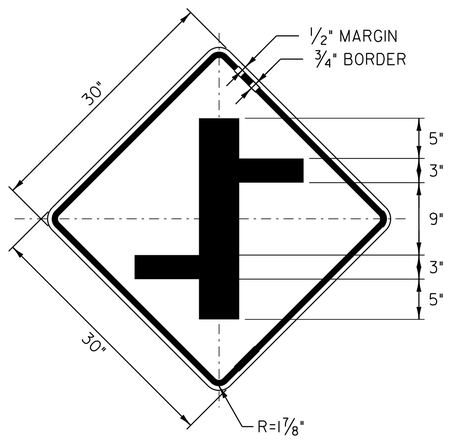
LOCATION: FAIR HAVEN STATE HIGHWAY:
STA 0+30.0, LT
STA 1+00.0, LT



COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)
BLUE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-131

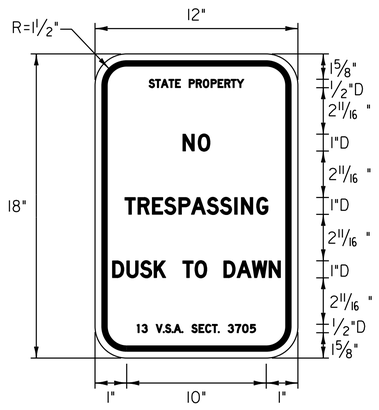
LOCATION: VT. ROUTE 4A
CASTLETON:
STA 86+45.0, RT
STA 101+47.0, LT



COLOR: BLACK BORDER & LEGEND
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

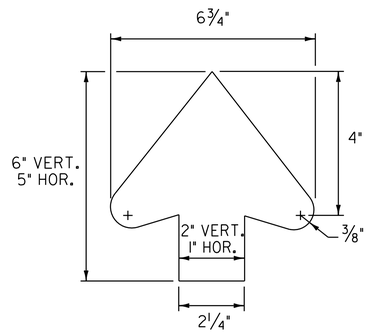
LOCATION: VT. ROUTE 4A
CASTLETON:
STA 20+44.0, RT



COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-142

LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 141+13.0, LT



ARROW DIMENSIONS

NOT TO SCALE

TRAFFIC SIGN DETAIL SHEET #2

PROJECT NAME: FAIR HAVEN - CASTLETON

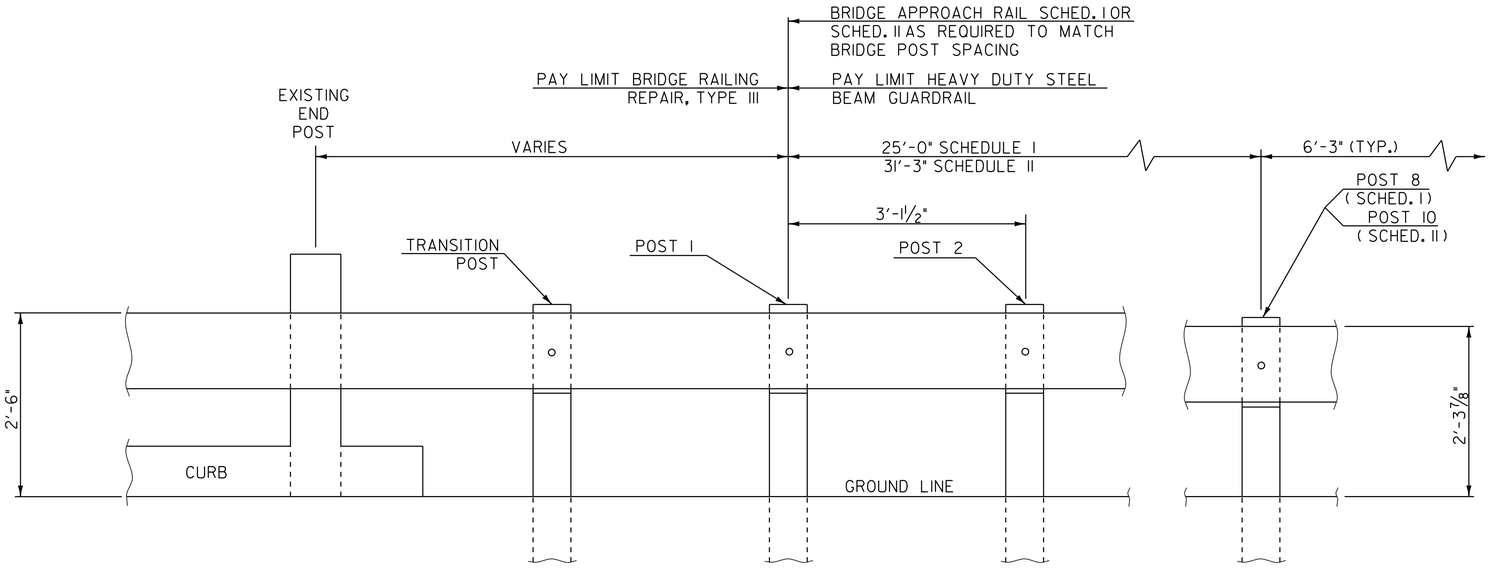
PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tsd.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 71 OF 157

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10 (REMOVAL OF EXISTING RAIL)	525.60 (BRIDGE RAILING REPAIR, TYPE III)	REMARKS
CASTLETON:				LF	LF	
26+50.6 - 26+94.4	RT	3	8"	43.8	43.8	
26+62.0 - 26+99.5	LT	3	8"	37.5	37.5	
ROUNDING				0.7	0.7	
TOTAL				82	82	



SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1 1/2"	1.4 x 12'-6"
2	3'-1 1/2"	
3	3'-1 1/2"	
4	3'-1 1/2"	
5	4'-2"	1.2 x 12'-6"
6	4'-2"	
7	4'-2"	
8	6'-3" (TYP.)	1.0 (TYP.)
9		
TOTAL PAY LIMITS = 32'-6"		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1 1/2"	1.4 x 18'-9"
2	3'-1 1/2"	
3	3'-1 1/2"	
4	3'-1 1/2"	
5	3'-1 1/2"	
6	3'-1 1/2"	
7	4'-2"	1.2 x 12'-6"
8	4'-2"	
9	4'-2"	
10	6'-3" (TYP.)	1.0 (TYP.)
11		
TOTAL PAY LIMITS = 41'-3"		

SCHEDULE I APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1.
SCHEDULE II APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST.

BRIDGE APPROACH RAILING

GENERAL NOTES

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
6. SEE STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.
7. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
8. ALL BRIDGE POSTS, HEAVY DUTY STEEL BEAM BRIDGE RAIL, AND RELATED HARDWARE SHALL BE PAID FOR UNDER THE APPROPRIATE BRIDGE RAILING ITEMS AS DENOTED IN THE PLANS.
9. SEE STANDARD SHEET G-1 FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
10. NEW BRIDGE RAILING POSTS SHALL BE SET NORMAL TO GRADE.
11. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF SUBSECTION 506.10 OF THE STANDARD SPECIFICATIONS.
12. GROUT NEW ANCHOR BOLTS WITH TWO COMPONENT ADHESIVE MORTAR. DRILL HOLES SHALL BE 2" DIAMETER. DRILLING AND GROUTING NEW ANCHOR BOLTS SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE BRIDGE RAILING OR HEAVY DUTY STEEL BEAM GUARDRAIL ITEM.
13. A MINIMUM PULLOUT STRENGTH OF 30 KIPS SHALL BE ATTAINED ON ALL NEW BOLTS THAT ARE GROUTED IN PLACE. A SAMPLE GROUTED BOLT WILL BE TESTED BEFORE MATERIALS ARE APPROVED FOR USE AND RANDOM BOLTS WILL BE FIELD TESTED BY THE STATE OF VERMONT TO ENSURE THIS STRENGTH IS BEING ATTAINED. FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED TO ALERT THE VAOT REGARDING WHEN THE CONTRACTOR WILL BE READY FOR THIS TESTING.
14. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON LIMITED FIELD INVESTIGATION AND AVAILABLE RECORD DRAWING INFORMATION. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO THE CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS AS DIRECTED BY THE RESIDENT ENGINEER. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO SUBMISSION OF FABRICATION DRAWINGS FOR APPROVAL.
15. ALL LANES SHALL BE OPENED TO TRAFFIC DURING NON-WORKING HOURS. NO GAPS BETWEEN EXISTING RAILING AND NEW RAILING WILL BE PERMITTED. DETAILS FOR TEMPORARY RAIL SHALL BE SUBMITTED FOR APPROVAL IF REQUIRED TO BRIDGE GAPS IN RAILING. PAYMENT FOR TEMPORARY RAIL SHALL BE CONSIDERED INCIDENTAL TO ITEM 525.10 REMOVAL OF EXISTING RAILING.

NOT TO SCALE

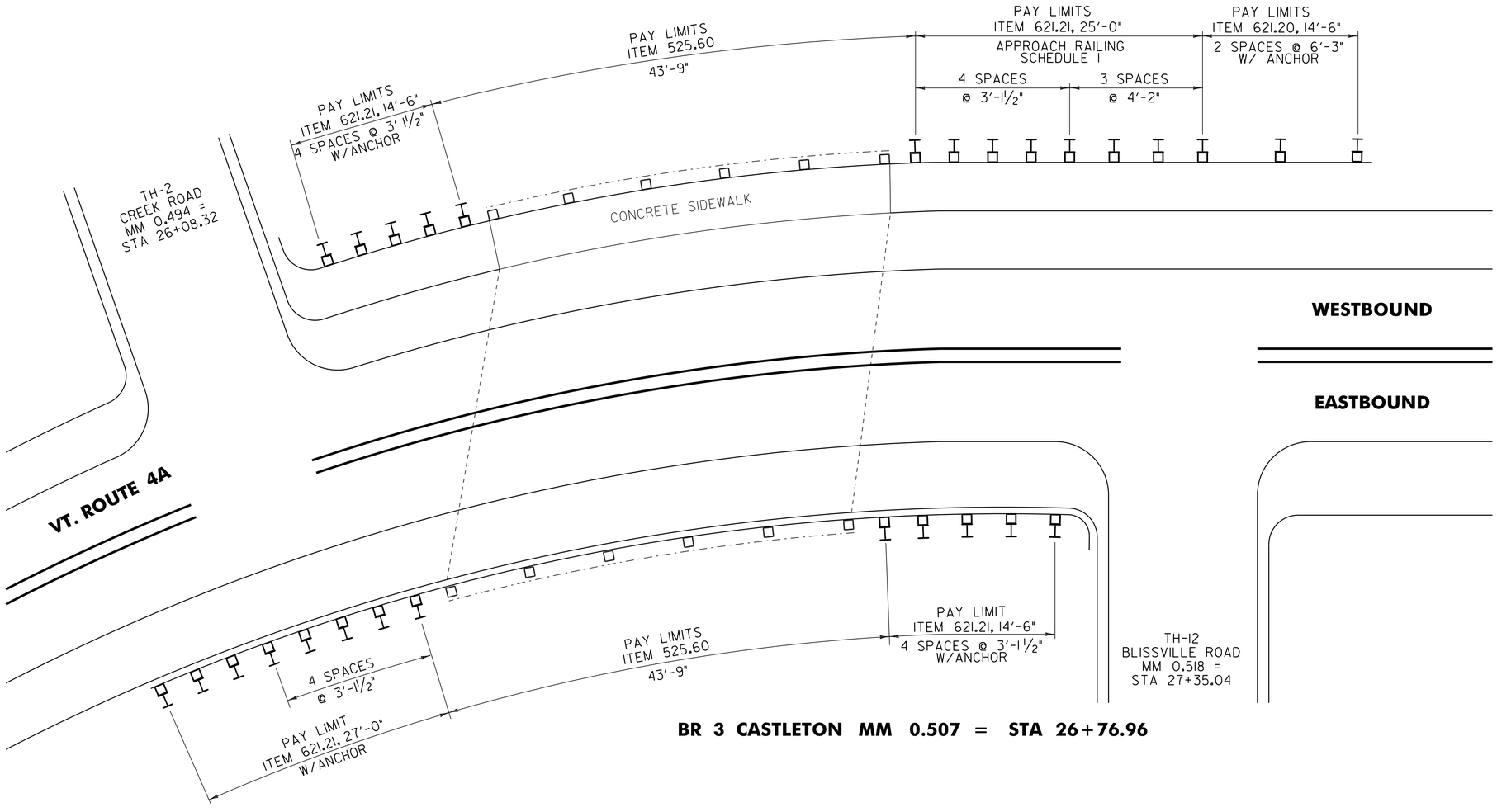
BRIDGE DETAIL SHEET #1

PROJECT NAME: FAIR HAVEN - CASTLETON

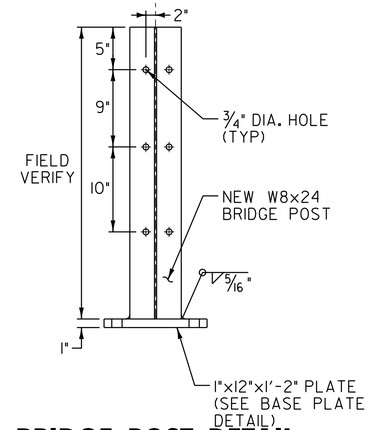
PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058br1.i

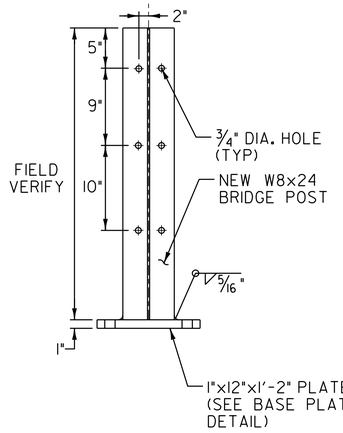
PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 72 OF 157

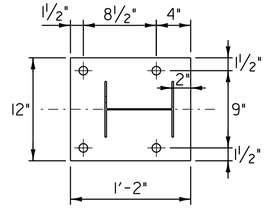


BR 3 CASTLETON MM 0.507 = STA 26+76.96



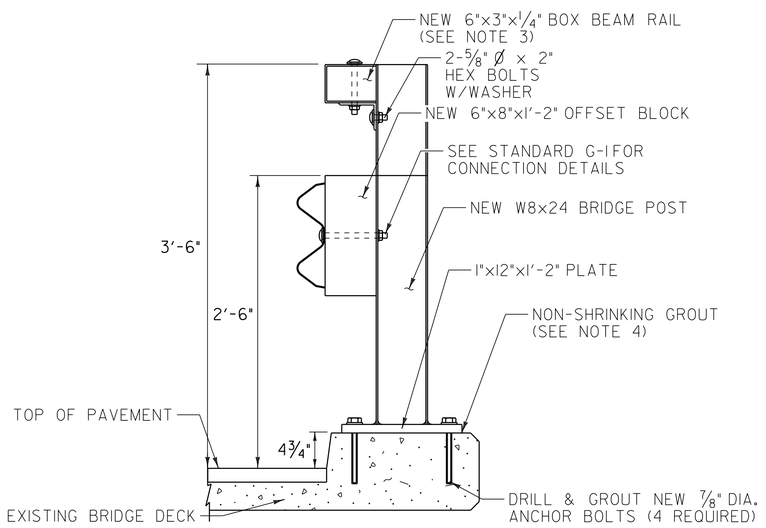
BRIDGE POST DETAIL



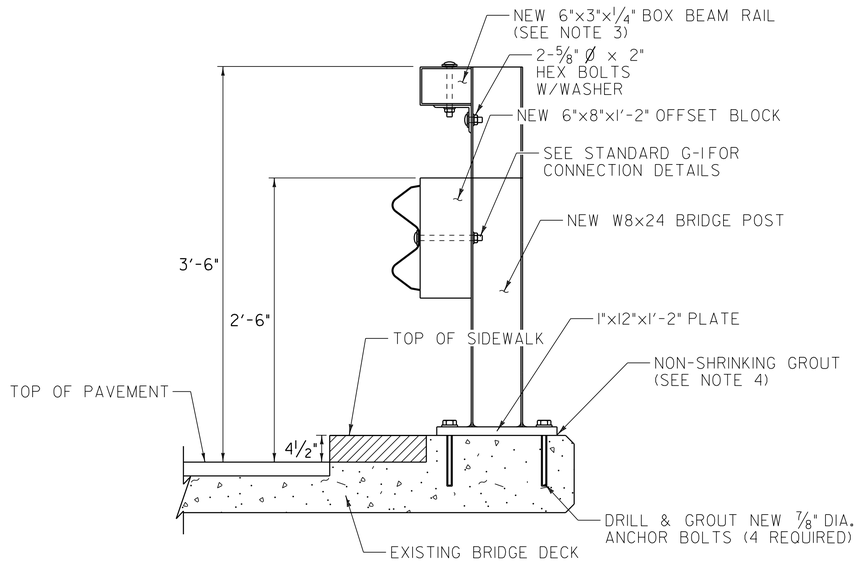


BASE PLATE DETAIL

BRIDGE POST DETAIL FOR SIDEWALK



TOP MOUNTED STEEL POST W/BOX BEAM HAND RAIL



TOP MOUNTED STEEL POST W/BOX BEAM HAND RAIL AND SIDEWALK

NOTES:

1. LOCATION OF EXISTING ANCHOR BOLTS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING BRIDGE POSTS.
2. POSTS SHALL BE SHOP CUT AND DRILLED PRIOR TO GALVANIZING.
3. SEE STANDARD SHEET SB-R6-82 FOR ADDITIONAL BRIDE RAILING DETAILS.
4. NON-SHRINKING GROUT SHALL CONFORM TO SUBSECTION 707.03 MORTAR TYPE IV OF THE STANDARD SPECIFICATIONS. PACK UNDER BASE PLATE. PAYMENT WILL BE INCIDENTAL TO ITEM 525.60 BRIDGE RAILING REPAIR, TYPE III.
5. NEW ARM A-449 ⅞" DIAMETER BOLTS FOR SURFACE MOUNTED POSTS SHALL BE FURNISHED EACH WITH ONE NUT AND ONE WASHER.

NOT TO SCALE

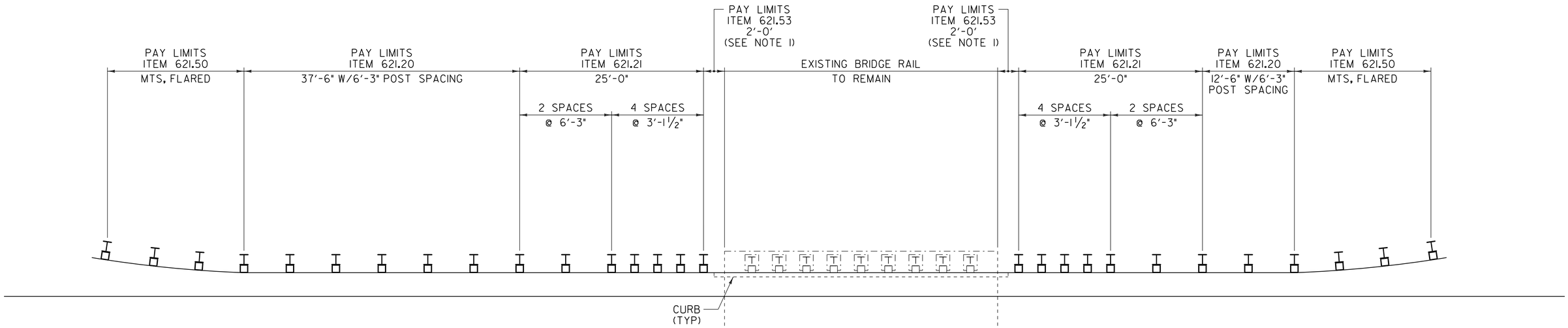
BRIDGE DETAIL SHEET #2

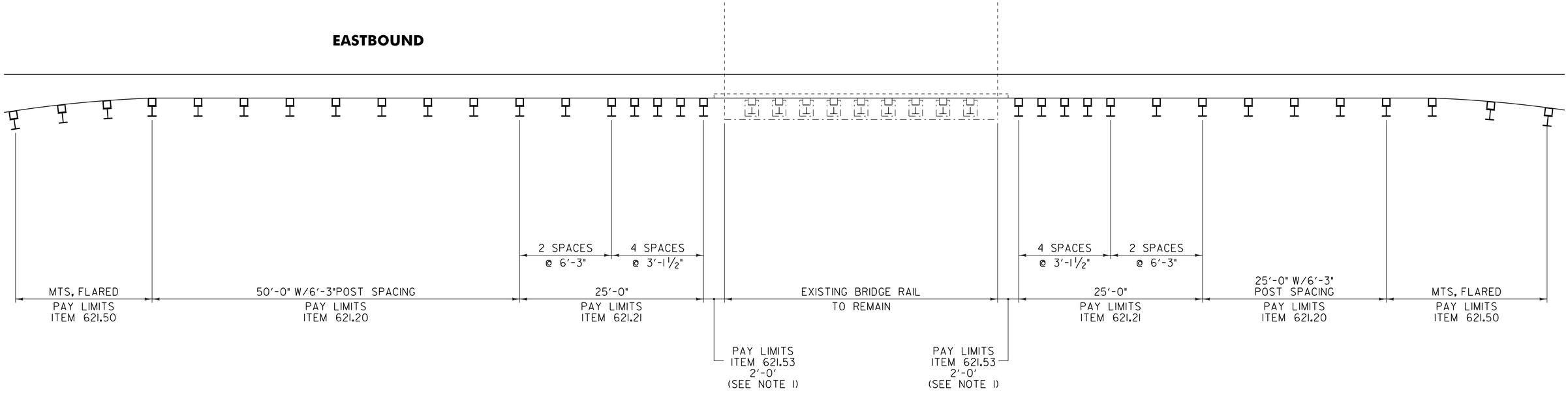
PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058br2.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 73 OF 157





BR 4 CASTLETON MM 2.221 = STA 117+26.88

NOT TO SCALE

NOTE:

1. SEE VAOT STANDARD SHEET G-16 FOR TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL INSTALLATION DETAILS.

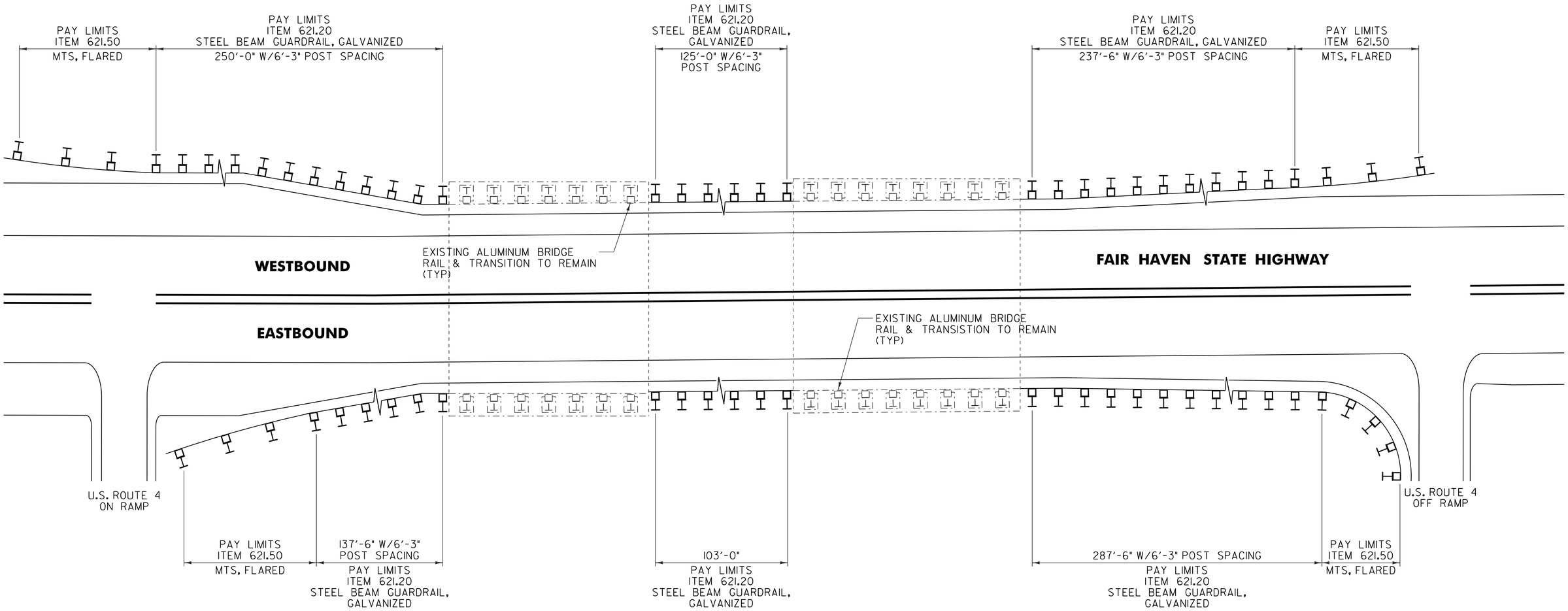
BRIDGE DETAIL SHEET #3

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058br3.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 74 OF 157



FAIR HAVEN STATE HIGHWAY

BR 1 MM 0.374 = STA 19+74.72 **BR 2 MM 0.440 = STA 23+23.20**

NOT TO SCALE

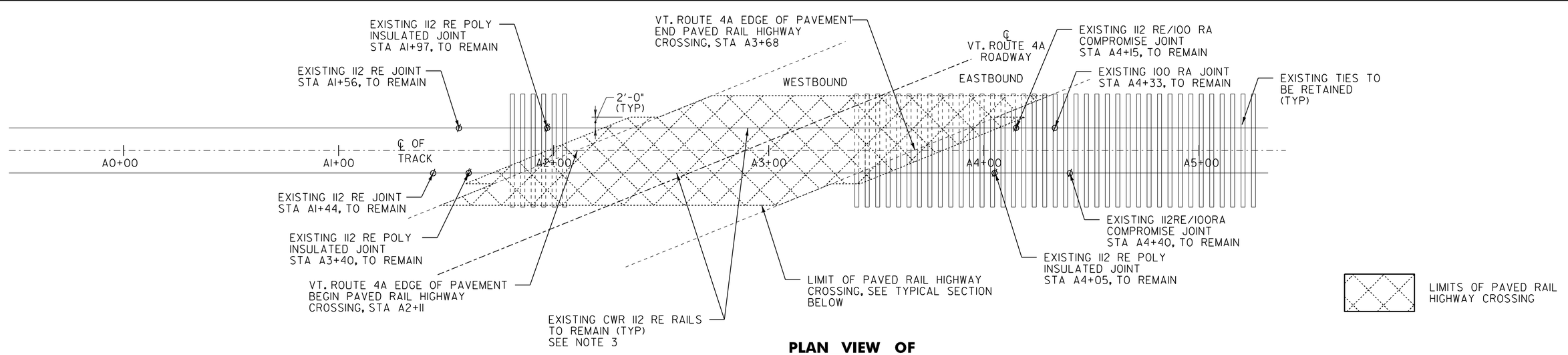
BRIDGE DETAIL SHEET #4

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

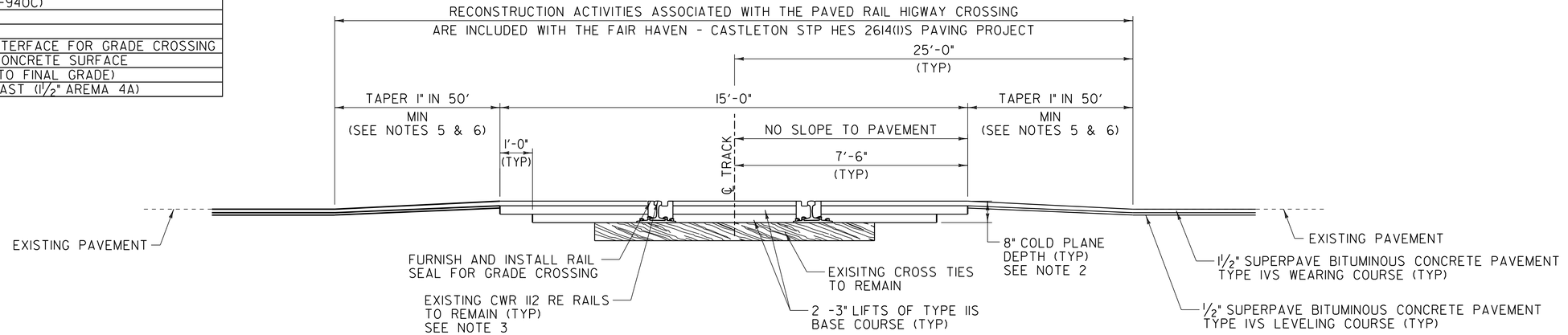
FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058br4.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 75 OF 157



PLAN VIEW OF
EXISTING AARDOT 248–940C HIGHWAY CROSSING (MP 85.07)

ITEM 900.645 SPECIAL PROVISION (PAVED RAIL - HIGHWAY CROSSING) (VT. 4A - AARDOT 248-940C)		
QTY	UNIT	DESCRIPTION
325	TON	BASE COURSE TYPE IIS
165	TF	FURNISH & INSTALL ELASTOMERIC INTERFACE FOR GRADE CROSSING
985	SY	REMOVAL OF EXISTING BITUMINOUS CONCRETE SURFACE
500	TF	RAISE, ALIGN AND SURFACE TRACK (TO FINAL GRADE)
100	TN	FURNISH, PLACE AND COMPACT BALLAST (1½" AREMA 4A)



TYPICAL SECTION – ASPHALT GRADE CROSSING

PAVED RAIL HIGHWAY CROSSING
VT. ROUTE 4A AT FAIR HAVEN STA 40+70.88 (MM 0.771)
RAIL HIGHWAY CROSSING VTR AARDOT 248–940C

NOTES:

1. THE CONTRACTOR SHALL INSTALL THE ELASTOMERIC INTERFACE (ADVANTAGE GRADE) RAIL SEAL CONNECTED BY AN INTERCLAMP DEVICE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THESE DETAILS DO NOT ILLUSTRATE THE INTERCLAMP DEVICES. NO VEHICULAR TRAFFIC IS ALLOWED OVER THE RAIL SEAL UNTIL FULL DEPTH ASPHALT IS PLACED ON BOTH SIDES OF THE RAIL. ANY DAMAGE TO THE NEW ELASTOMERIC INTERFACE RESULTING FROM THE CONTRACTOR'S INSTALLATION METHODS SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE AS DIRECTED BY THE RESIDENT ENGINEER. THE COST OF FURNISHING AND INSTALLING THE ELASTOMERIC INTERFACE AND ATTACHMENT HARDWARE SHALL BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (PAVED RAIL-HIGHWAY CROSSING) (VT. 4A - AARDOT 248-940C). IN THE EVENT THAT ANY RAIL JOINT IS ENCOUNTERED IN THE TRAVEL LANE, THE ELASTOMERIC INTERFACE WILL BE TERMINATED BEFORE THE RAIL JOINT, SPACED BETWEEN THE TIE, INTERCLAMPED AND PAVED.

2. THE CONTRACTOR SHALL REMOVE THE EXISTING BITUMINOUS CONCRETE SURFACE TO THE DEPTH SHOWN OR TO THE TOP OF THE EXISTING TIES, WHICHEVER IS LESS, AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL ADJUST THE THICKNESS OF THE BASE COURSE PAVEMENT TO MEET THE EXISTING PAVEMENT REMOVAL THICKNESS AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL BE ALLOWED THE OPTION OF REMOVING THE PAVEMENT BETWEEN THE RAILS TO THE REQUIRED DEPTH BY EXCAVATION OR COLD PLANING. PAYMENT FOR REMOVING THIS PAVEMENT SHALL BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (PAVED RAIL-HIGHWAY CROSSING) (VT. 4A - AARDOT 248-940C).

3. TEN DAYS PRIOR TO BEGINNING WORK ON THIS RAIL CROSSING THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH CLARENDON AND PITTSFORD RAILROAD. TRACK AND ROADWAY SURFACE WILL BE IN SERVICE AT THE END OF EACH WORK DAY (VEHICULAR AND RAIL TRAFFIC). IT IS ANTICIPATED THAT WORKING HOURS SHALL BE FROM 10:00 A.M. TO 7:00 P.M. THE CONTRACTOR IS RESPONSIBLE TO HAVE THE TRACK BACK IN SERVICE AT THE END OF EACH WORK DAY. THE COST FOR COORDINATION WITH CLARENDON AND PITTSFORD RAILROAD SHALL BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-940C).

   THE CONTRACTOR SHALL COMPLETE ALL WORK ASSOCIATED WITH THIS CROSSING WITHIN THREE CONTINUOUS DAYS. THE CONTRACTOR IS HEREBY NOTIFIED THAT LIQUIDATED DAMAGES IN ACCORDANCE WITH SUBSECTION 108.12 WILL BE ASSESSED FOR EVERY CALENDAR DAY FOLLOWING THE THREE CONSECUTIVE WORKDAY PERIOD THAT THE SPECIFIED WORK IS NOT COMPLETED.

4. THE COST FOR COLD PLANING THE TRANSITIONS TO THE STP HES 2614(I)S PAVING PROJECT SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (PAVED RAIL-HIGHWAY CROSSING) (VT. 4A - AARDOT 248-940C).

5. THE COST OF PAVING THE TWO LIFTS OF TYPE IIS BASE COURSE AT THE RAIL APPROACHES AND BETWEEN THE RAILS SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (PAVED RAIL-HIGHWAY CROSSING)(VT. 4A - AARDOT 248-940C). THE COST OF PAVING THE TYPE IVS LEVELING AND WEARING COURSES AT THE RAIL APPROACHES AND THE TYPE IVS WEARING COURSE BETWEEN THE RAILS SHALL BE PAID AS PART OF THE STP HES 2614(I)S PAVING PROJECT UNDER ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

6. THE CONTRACTOR SHALL TAPER THE EXISTING VT. ROUTE 4A PAVEMENT SURFACE AT A RATE OF 1" IN 50' MINIMUM TO THE HEIGHT OF THE EXISTING RAIL HIGHWAY CROSSING OR AS DIRECTED BY THE RESIDENT ENGINEER.

7. THE COST OF PROVIDING RAILROAD FLAGGERS SHALL BE PAID FOR UNDER ITEM 630.20 FLAGGERS, RAILROAD.

8. THE COST FOR PROVIDING TRAFFIC CONTROL DURING CONSTRUCTION OF THIS PAVED RAIL HIGHWAY CROSSING SHALL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-940C). ANY SIGNAL WORK REQUIRED BY THE RAILROAD WILL BE PAID FOR UNDER THIS ITEM 900.645.

9. UNCLASSIFIED EXCAVATION SHALL CONSIST OF THE EXCAVATION AND DISPOSAL FROM THE WORK SITE ALL MATERIALS OF ANY DESCRIPTION ENCOUNTERED IN THE COURSE OF CONSTRUCTION.

10. TRACK SURFACING AND BALLAST REGULATING IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE COORDINATED WITH THE CLARENDON AND PITTSFORD RAILROAD PRIOR TO COMMENCING WORK.

NOT TO SCALE

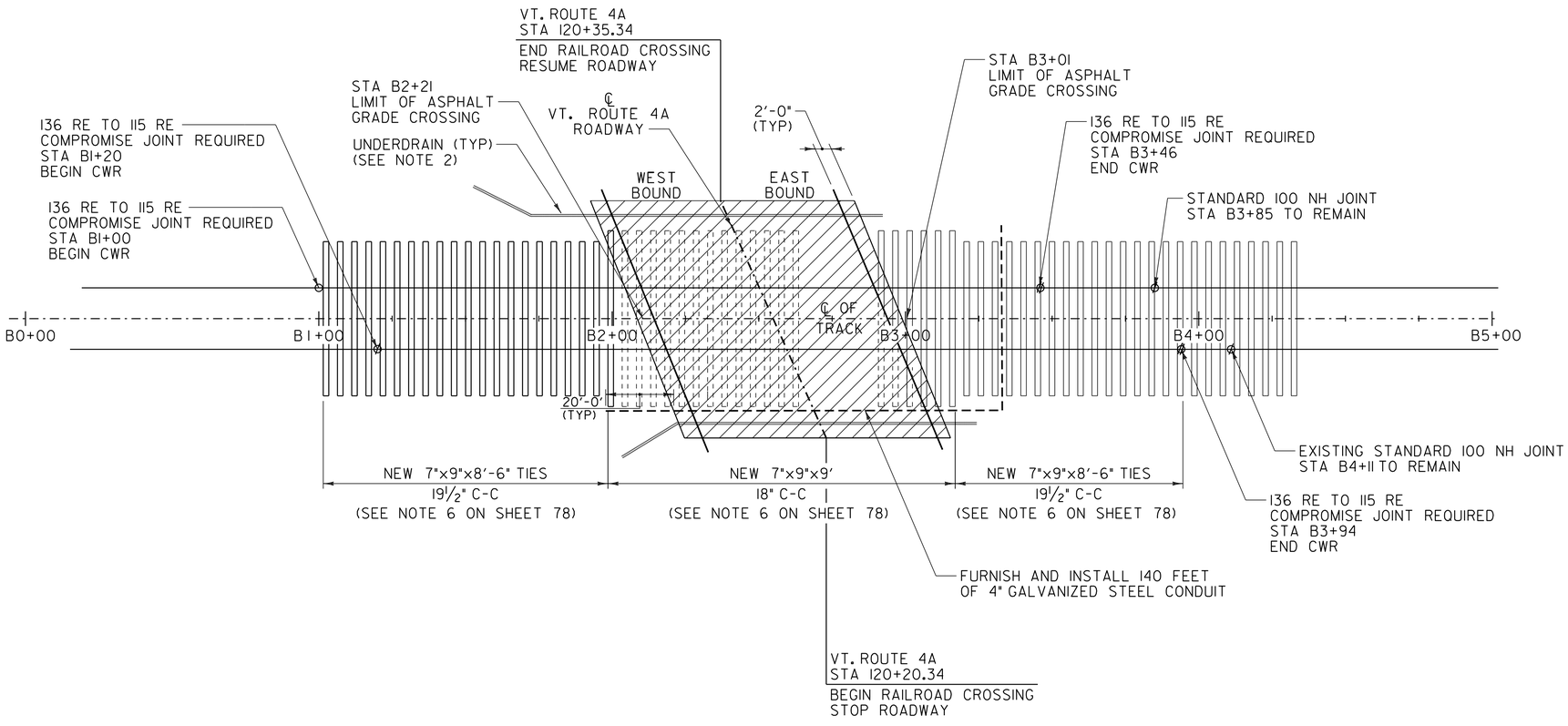
AARDOT 248–940C GRADE CROSSING DETAIL SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058rrl.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



PLAN VIEW OF PROPOSED AARDOT 248-953D HIGHWAY CROSSING

ASPHALT CROSSING

NOTES:

1. SEE SHEET 78 FOR AARDOT 248-953D GRADE CROSSING DETAILS.
2. THE CONTRACTOR SHALL INSTALL UNDERDRAIN AS SHOWN IN THE PLANS PER SECTION 605 OF THE 2006 VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND GRADE TO DRAIN INTO THE EXISTING DITCHES LOCATED ALONG THE RAILROAD AS DIRECTED BY THE RESIDENT ENGINEER.
3. THE CONTRACTOR SHALL REMOVE AND RETURN THE EXISTING INSULATED JOINTS TO THE CLARENDON AND PITTSFORD RAILROAD. A GRADE CROSSING PREDICTOR (GCP) SYSTEM IS IN USE, BONDED INSULATED JOINTS ARE NO LONGER REQUIRED AS PART OF THE GRADE CROSSING.
4. CONDUIT SHALL BE 4 INCH DIAMETER RIGID GALVANIZED STEEL. CONDUIT SHALL EXTEND A MINIMUM OF 20 FEET BEYOND EDGE OF CROSSING. CONDUIT ENDS SHALL BE SEALED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AREMA SIGNAL MANUAL.
5. TRACK SURFACING AND BALLAST REGULATING IS THE RESPONSIBILTY OF THE CONTRACTOR AND MUST BE COORDINATED WITH THE CLARENDON AND PITTSFORD RAILROAD PRIOR TO COMMENCING WORK.
6. EXISTING 115 RE RAIL AND EXISTING 115 RE TO 100 NH COMPROMISE JOINTS TO BE REINSTALLED AS TRANSITION RAIL.

NOT TO SCALE

AARDOT 248-953D GRADE CROSSING PLAN SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p05b036rr2.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 77 OF 157

NOTES:

1. ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (VT. 4A - AARDOT 248-953D) SHALL INCLUDE ALL ITEMS AND MATERIALS SHOWN IN THE DETAILS ON SHEET 77 & 78 TO CONSTRUCT THE PROPOSED ASPHALT GRADE CROSSING UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR SHALL INSTALL A GEOTEXTILE UNDER THE RAILROAD BALLAST WITHIN THE LIMITS OF THE CROSSING PER SECTION 649 OF THE 2006 VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AS DIRECTED BY THE RESIDENT ENGINEER.

3. THE CONTRACTOR SHALL INSTALL THE ELASTOMERIC INTERFACE (ADVANTAGE GRADE) RAIL SEAL CONNECTED BY AN INTERCLAMP DEVICE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THESE DETAILS DO NOT ILLUSTRATE THE INTERCLAMP DEVICES. NO VEHICULAR TRAFFIC IS ALLOWED OVER THE RAIL SEAL UNTIL FULL DEPTH ASPHALT IS PLACED ON BOTH SIDES OF THE RAIL. ANY DAMAGE TO THE NEW ELASTOMERIC INTERFACE RESULTING FROM THE CONTRACTOR'S INSTALLATION METHODS SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE AS DIRECTED BY THE RESIDENT ENGINEER. THE COST OF FURNISHING AND INSTALLING THE ELASTOMERIC INTERFACE AND ATTACHMENT HARDWARE SHALL BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (VT. 4A - AARDOT 248-956).

4. TEN DAYS PRIOR TO BEGINNING WORK ON THIS RAIL CROSSING THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH CLARENDON AND PITTSFORD RAILROAD. TRACK AND ROADWAY SURFACE WILL BE IN SERVICE AT THE END OF EACH WORK DAY (VEHICULAR AND RAIL TRAFFIC). IT IS ANTICIPATED THAT THE WORKING HOURS SHALL BE FROM 10:00 A.M. TO 7:00 P.M. THE CONTRACTOR IS RESPONSIBLE TO HAVE THE TRACK BACK IN SERVICE AT THE END OF EACH WORK DAY. THE COST FOR COORDINATION WITH CLARENDON AND PITTSFORD RAILROAD SHALL BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-953D).

   THE CONTRACTOR SHALL COMPLETE ALL WORK ASSOCIATED WITH THIS CROSSING WITHIN FIVE CONTINUOUS DAYS. THE CONTRACTOR IS HEREBY NOTIFIED THAT LIQUIDATED DAMAGES IN ACCORDANCE WITH SUBSECTION 108.12 WILL BE ASSESSED FOR EVERY CALENDAR DAY FOLLOWING THE FIVE CONSECUTIVE WORKDAY PERIOD THAT THE SPECIFIED WORK IS NOT COMPLETED.

5. THE CONTRACTOR SHALL INSTALL A 6" UNDERDRAIN ALONG BOTH SIDES OF THE PROPOSED ASPHALT RAILROAD GRADE CROSSING PER SECTION 605 OF THE 2006 VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND GRADE TO DRAIN TO THE EXISTING DITCHES AS DIRECTED BY THE RESIDENT ENGINEER.

6. NEW 7"x9"x9' CROSS TIES SHALL BE INSTALLED WITHIN THE CROSSING AREA AS SHOWN ON THE PLANS. CROSS TIES LOCATED WITHIN THE APPROACH AREAS SHALL BE REPLACED WITH NEW 7"x9"x8'-6" TIES AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE RESIDENT ENGINEER.

7. TIE PLATES SHALL BE MINIMUM 14" L x 7¾" W NEW OR FIT DOUBLE SHOULDERED TO FIT THE BASE OF THE RAIL ON WHICH THEY WILL BE USED. EACH TIE PLATE SHALL HAVE AT LEAST 6 HOLES PUNCHED FOR THE USE OF ⅝ TRACK SPIKES. FOUR OF THE HOLES SHALL BE SUCH THAT THEY ALLOW TWO RAIL HOLDING SPIKES ON EACH SIDE OF THE RAIL AND THERE SHALL ALSO BE AT LEAST TWO HOLES FOR PLATE HOLDING SPIKES.

8. RAIL WEIGHTS SHALL BE DETERMINED BY THE RAILROAD AND APPROVED BY THE RESIDENT ENGINEER. IF THE CONTRACTOR IS UNABLE TO SUPPLY 136 RE RAIL, SUBSTITUTE RAIL (IF APPROVED) COST MUST INCLUDE APPROPRIATE COMPROMISE RAIL JOINT ASSEMBLY AND TRANSITION RAIL (IF REQUIRED).

9. THE COST FOR PROVIDING TRAFFIC CONTROL DURING CONSTRUCTION OF THIS PAVED RAIL HIGHWAY CROSSING SHALL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-953D). ANY SIGNAL WORK REQUIRED BY THE RAILROAD WILL BE PAID FOR UNDER THIS ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 248-953D).

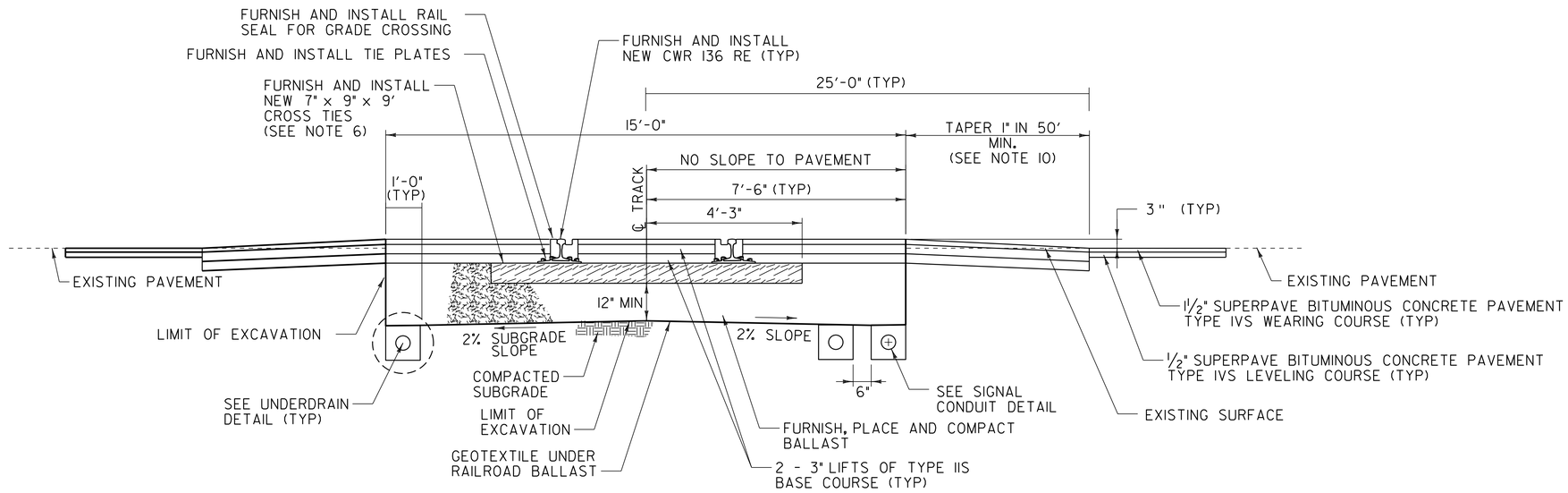
10. THE COST OF PAVING THE TWO LIFTS OF TYPE IIS BASE COURSE AT THE RAIL APPROACHES AND BETWEEN THE RAILS SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (VT. 4A - AARDOT 248-953D). THE COST OF PAVING THE TYPE IVS LEVELING AND WEARING COURSES AT THE RAIL APPROACHES AND THE TYPE IVS WEARING COURSE BETWEEN THE RAILS SHALL BE PAID AS PART OF THE STP HES 2614(I)S PAVING PROJECT UNDER ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

11. THE COST OF PROVIDING RAILROAD FLAGGERS SHALL BE PAID FOR UNDER ITEM 630.20 FLAGGERS, RAILROAD.

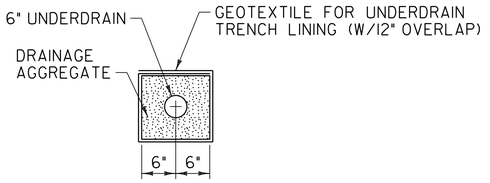
12. EXISTING RAIL, PLATES AND OTM NOT REINSTALLED SHALL BECOME PROPERTY OF THE RAILROAD.

13. THESE QUANTITIES ARE ESTIMATES ONLY. ANY DEVIATION FROM THESE QUANTITIES WILL NOT RESULT IN ADDITIONAL COMPENSATION UNDER CONTRACT ITEM 900.645 SPECIAL PROVISIONS (RECONSTRUCTION RAIL-HIGHWAY CROSSING)(VT. 4A-AARDOT 248-953D) UNLESS AUTHORIZED BY THE RESIDENT ENGINEER.

14. UNCLASSIFIED EXCAVATION SHALL CONSIST OF THE EXCAVATION AND DISPOSAL FROM THE WORK SITE ALL MATERIALS OF ANY DESCRIPTION ENCOUNTERED IN THE COURSE OF CONSTRUCTION.

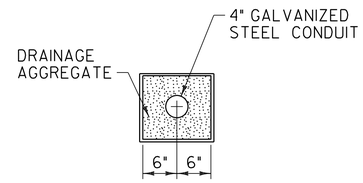


TYPICAL SECTION – ASPHALT GRADE CROSSING



UNDERDRAIN WITH GEOTEXTILE

SEE NOTE 5



SIGNAL CONDUIT DETAIL

900.645 SPECIAL PROVISION (RECONSTRUCT RAIL - HIGHWAY CROSSING) (VT. 4A - AARDOT 248-953D)		
LIST OF QUANTITIES		
DESCRIPTION	UNIT	QTY*
REMOVAL OF EXISTING TRACK AND GRADE CROSSING SURFACE	TF	295
FURNISH AND INSTALL TRACK (136 RE CWR OR APPROVED EQUAL) WITH 7"x9"x8'-6" NEW TIES (CROSSING APPROACH)	TF	170
FURNISH AND INSTALL TRACK (136 RE CWR OR APPROVED EQUAL) WITH 7"x9"x9' NEW TIES (CROSSING AREA)	TF	125
FURNISH AND INSTALL ELASTOMERIC INTERFACE FOR GRADE CROSSING	TF	80
FURNISH, PLACE AND COMPACT BALLAST (BALLAST SIZE 1½" AREMA 4A)	TON	300
GEOTEXTILE BEDDING	SY	180
6 INCH UNDERDRAIN	LF	200
UNCLASSIFIED EXCAVATION	CY	150
RAISE, ALIGN AND SURFACE TRACK (TO FINAL GRADE)	TF	300
BASE COURSE TYPE IIS	TON	150
FURNISH AND INSTALL 4" GALVANIZED STEEL CONDUIT 4 NPS	LF	140

*SEE NOTE 13

NOT TO SCALE

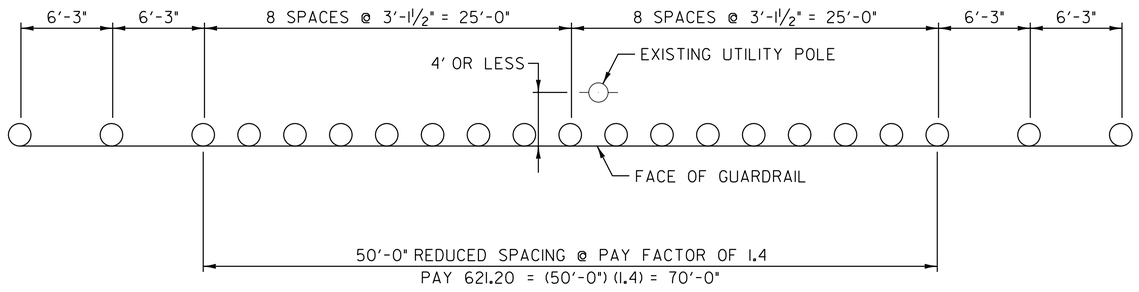
AARDOT 248-953D GRADE CROSSING DETAIL SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058rr3.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.



STEEL BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL

VT. ROUTE 4A CASTLETON STA 2+43.0 RT
VT. ROUTE 4A CASTLETON STA 3+91.0 RT
VT. ROUTE 4A CASTLETON STA 4+67.0 RT
VT. ROUTE 4A CASTLETON STA 5+45.0 RT
VT. ROUTE 4A CASTLETON STA 7+37.0 RT
VT. ROUTE 4A CASTLETON STA 9+65.0 RT
VT. ROUTE 4A CASTLETON STA 10+08.0 RT

NOT TO SCALE

MISCELLANEOUS DETAILS SHEET

PROJECT NAME: FAIR HAVEN - CASTLETON

PROJECT NUMBER: STP HES 2614(I)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058md.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 79 OF 157

INDEX OF SHEETS
SEE SHEET 2

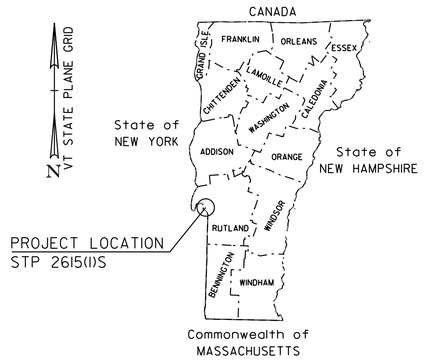
STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
CLASS 1 TOWN HIGHWAY
TOWN OF FAIR HAVEN
COUNTY OF RUTLAND
VT. ROUTE 4A

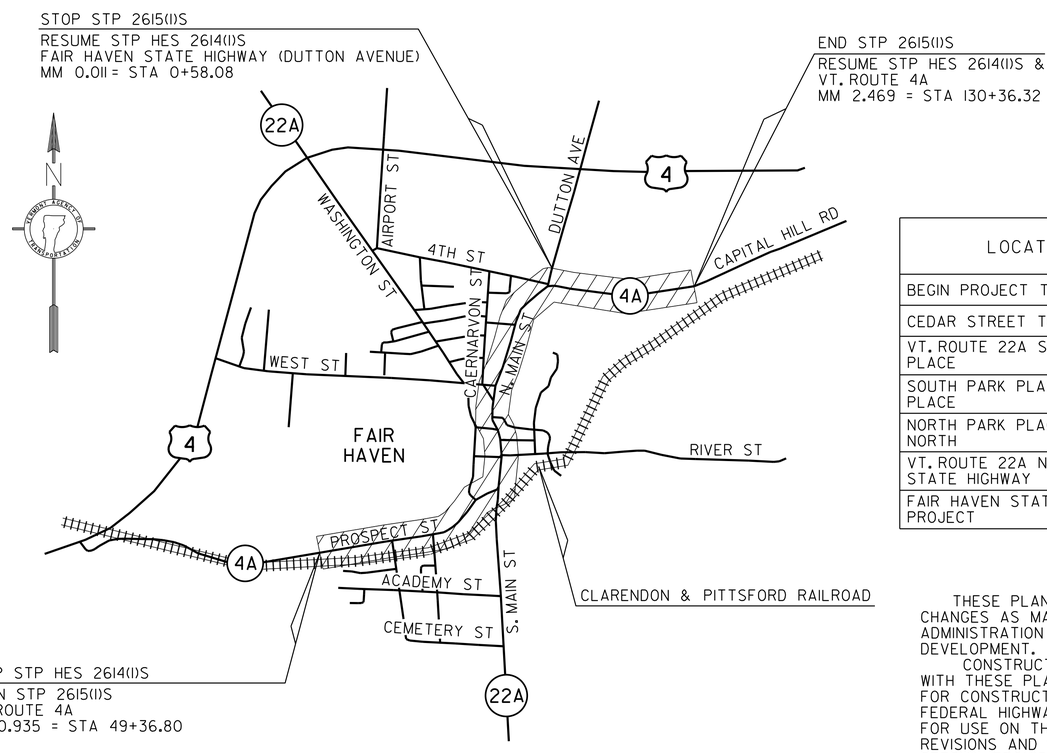
BEGINNING IN THE TOWN OF FAIR HAVEN ON VT. ROUTE 4A AT MILE MARKER 0.935 = STA 49+36.80 AND EXTENDING EASTERLY FOR A DISTANCE OF 8099.52 FEET (1.534 MILES) TO A POINT IN THE TOWN OF FAIR HAVEN AT MILE MARKER 2.469 = STA 130+36.32. THE PROJECT RESUMES IN THE TOWN OF FAIR HAVEN ON FAIR HAVEN STATE HIGHWAY AT MILE MARKER 0.000 = STA 0+00.00 AND EXTENDING NORTHERLY FOR A DISTANCE OF 58.08 FEET (0.011 MILE) TO A POINT IN THE TOWN OF FAIR HAVEN AT MILE MARKER 0.011 = STA 0+58.08.

LENGTH OF ROADWAY 8157.60 FT (1.545 MILES)
LENGTH OF PROJECT 8157.60 FT (1.545 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A SHIM/LEVELING COURSE AND WEARING COURSE, NEW PAVEMENT MARKINGS, DRAINAGE IMPROVEMENTS, GUARDRAIL IMPROVEMENTS, NEW SIGNS AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	2,171,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS



TRAFFIC DATA

LOCATION	ADT		DHV		ESALS	ESALS
	2009	2019	2009	2019	2009-2019	2009-2019
BEGIN PROJECT TO CEDAR STREET	900	1000	120	130	138,000	342,000
CEDAR STREET TO VT. ROUTE 22A SOUTH	1800	2000	200	230	360,000	929,000
VT. ROUTE 22A SOUTH TO SOUTH PARK PLACE	6300	7000	710	790	1,308,000	3,023,000
SOUTH PARK PLACE TO NORTH PARK PLACE	7200	8000	810	900	1,917,000	4,343,000
NORTH PARK PLACE TO VT. ROUTE 22A NORTH	7100	7800	800	880	1,318,000	3,408,000
VT. ROUTE 22A NORTH TO FAIR HAVEN STATE HIGHWAY	4200	4700	470	530	471,000	1,129,000
FAIR HAVEN STATE HIGHWAY TO END PROJECT	4700	5200	530	590	990,000	2,206,000

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 (SR SR SR)
TOP OF CUT
TOE OF SLOPE

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

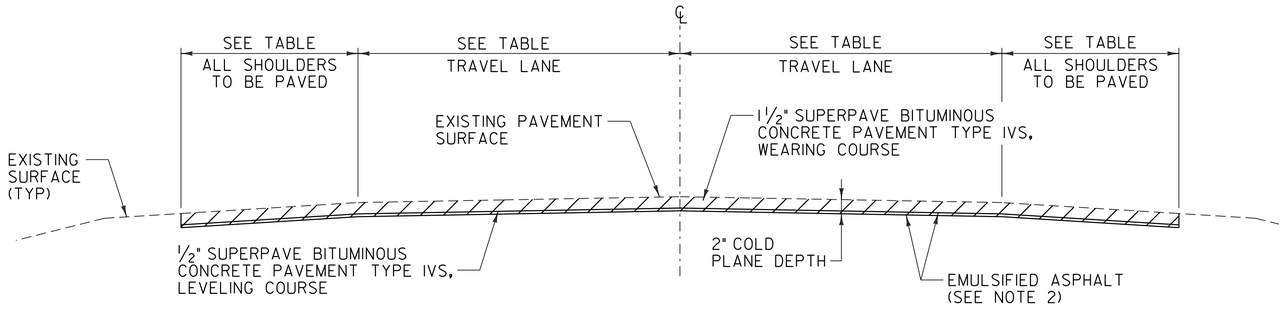
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

p06c058.dgn
p06c060ts2.i

PROJECT MANAGER : TED DOMEY

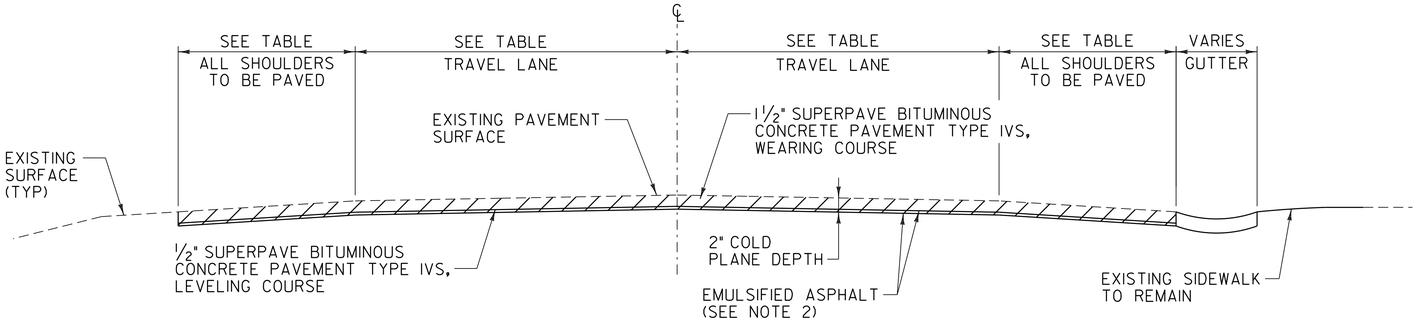
PROJECT NAME : FAIR HAVEN
PROJECT NUMBER : STP 2615(I)S

SHEET 80 OF 157 SHEETS



COLD PLANE TYPICAL SECTION

VT. ROUTE 4A FAIR HAVEN STA 49+36.80 TO FAIR HAVEN STA 65+00.00
VT. ROUTE 4A FAIR HAVEN STA 78+80.00 TO FAIR HAVEN STA 79+76.00
VT. ROUTE 4A FAIR HAVEN STA 80+30.00 TO FAIR HAVEN STA 81+00.00
VT. ROUTE 4A FAIR HAVEN STA 127+50.00 TO FAIR HAVEN STA 130+36.32



COLD PLANE TYPICAL SECTION

VT. ROUTE 4A FAIR HAVEN STA 65+00.00 TO FAIR HAVEN STA 78+80.00
VT. ROUTE 4A FAIR HAVEN STA 81+00.00 TO FAIR HAVEN STA 83+34.00

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
FAIR HAVEN:						
VT. ROUTE 4A	49+36.80	52+50.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1½"	30	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	52+50.00	55+50.00	3'-0" - 11'-0" - 11'-0" - 6'-0"	1½"	29	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	55+50.00	65+00.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1½"	89	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	65+00.00	78+80.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1½"	134	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	78+80.00	79+76.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1½"	10	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	79+76.00	80+30.00	7'-0" - 11'-0" - 11'-0" - 2'-0"	1¼"	-	BR 1 COLD PLANE 1¼" & PAVE 1¼" TYPE IVS
VT. ROUTE 4A	80+30.00	85+25.00	VARIES - SEE LAYOUT	1½"	8	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	85+25.00	87+50.00	VARIES - SEE LAYOUT	1½"	27	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	87+50.00	90+90.00	VARIES - SEE LAYOUT	1½"	52	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	90+90.00	97+91.00	VARIES - SEE LAYOUT	1½"	113	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	97+91.00	117+00.00	10'-0" - 12'-0" - 12'-0" - 10'-0"	1½"	151	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	117+00.00	119+50.00	VARIES - SEE LAYOUT	1½"	272	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	119+50.00	127+50.00	10'-0" - 12'-0" - 12'-0" - 10'-0"	1½"	13	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS
VT. ROUTE 4A	127+50.00	130+36.32	VARIES - SEE LAYOUT	1½"	127	COLD PLANE 2", LEVEL½" TYPE IVS & PAVE 1½" TYPE IVS

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- ¼" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. COLD PLANING SHALL BE COMPLETED AS NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. ALL DRIVES, AND GRAVEL PULLOUTS SHALL RECEIVE A 4' PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL DRIVEWAYS LOCATED IN AREAS THAT HAVE SIDEWALKS SHALL BE PAVED TO THE EXISTING EDGE OF SIDEWALK AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION OR GRADING IN DRIVE AREAS SHALL BE AS DIRECTED 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 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. A BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
6. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE

% WT.	LBS./A.	NAME	PUR. %	GERM. %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

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

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

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

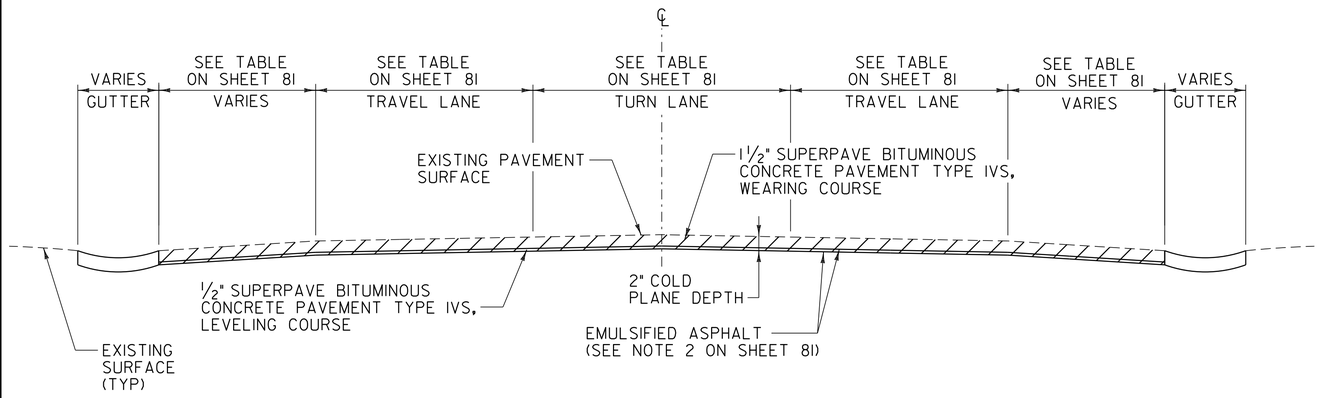
NOT TO SCALE

PROJECT TYPICAL SHEET #1

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

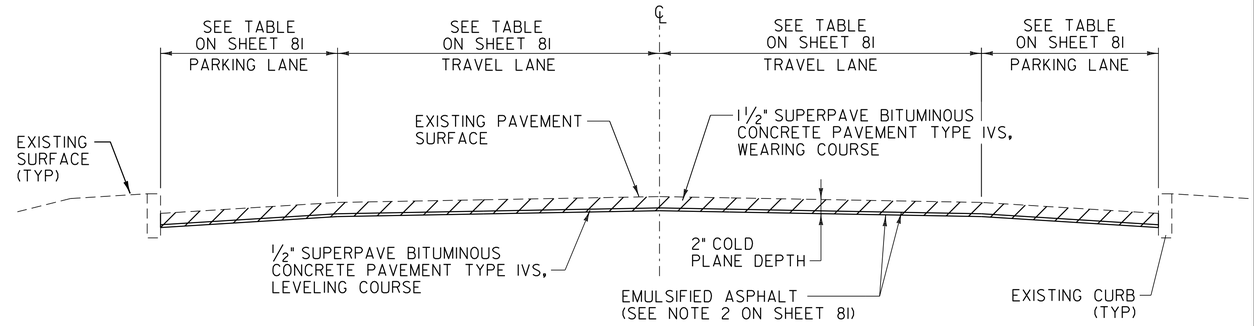
FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060pts01.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 81 OF 157



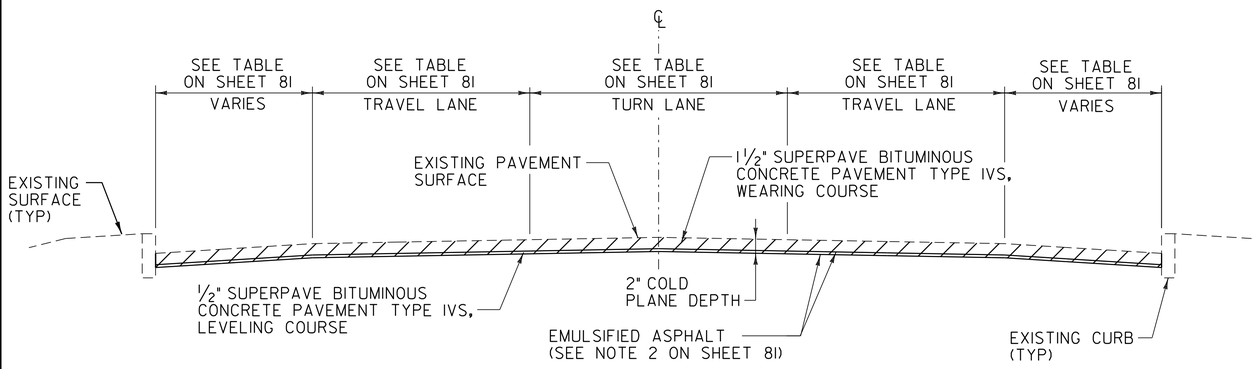
COLD PLANE TYPICAL SECTION

VT. ROUTE 4A FAIR HAVEN STA 83+34.00 TO FAIR HAVEN STA 87+50.00



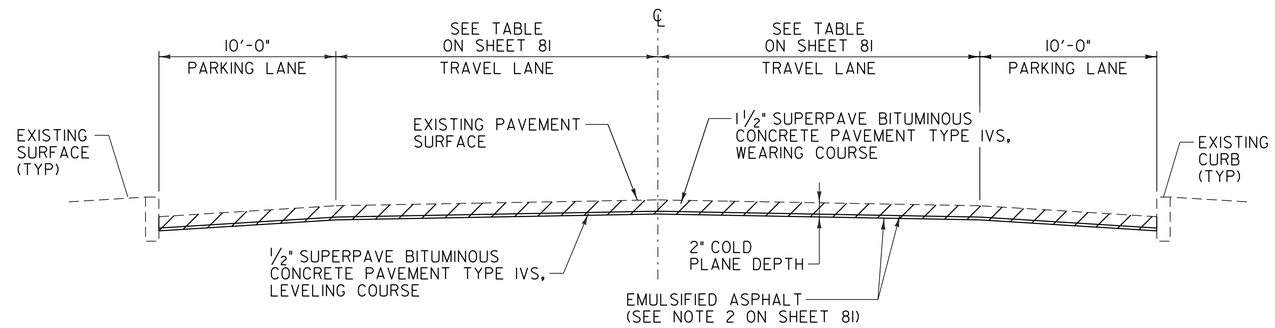
COLD PLANE TYPICAL SECTION

VT. ROUTE 4A FAIR HAVEN STA 90+90.00 TO FAIR HAVEN STA 97+91.00



COLD PLANE TYPICAL SECTION

VT. ROUTE 4A FAIR HAVEN STA 87+50.00 TO FAIR HAVEN STA 90+90.00



COLD PLANE TYPICAL SECTION

VT. ROUTE 4A FAIR HAVEN STA 97+91.00 TO FAIR HAVEN STA 127+50.00

NOT TO SCALE

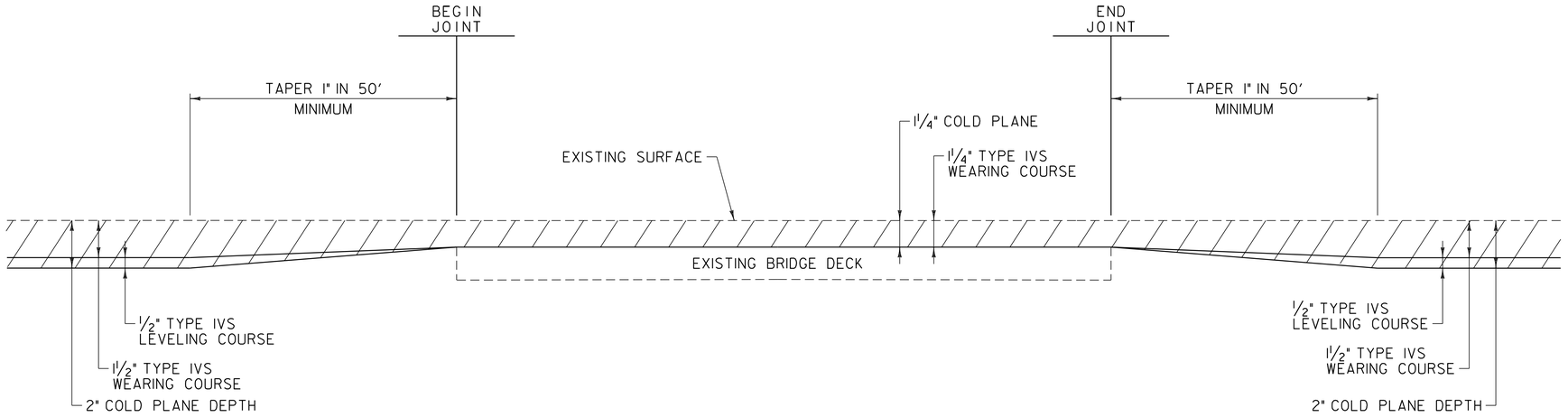
PROJECT TYPICAL SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

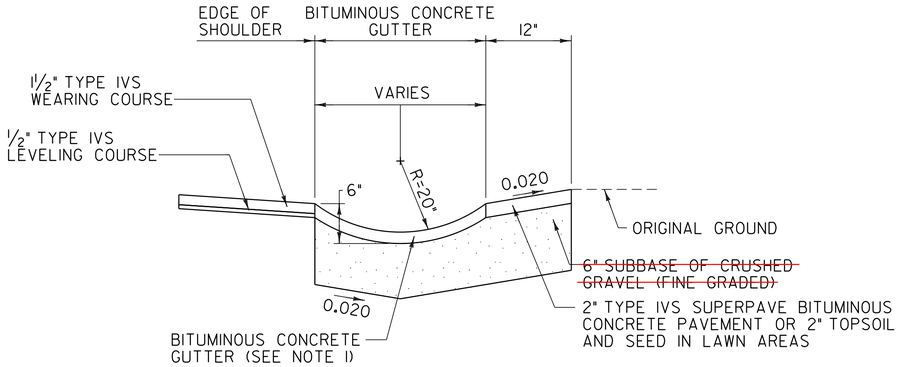
FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060pts02

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 82 OF 157



BRIDGE TRANSITION AREA DETAIL

BR 1 VT. ROUTE 4A FAIR HAVEN STA 79+76.00 TO FAIR HAVEN STA 80+30.00



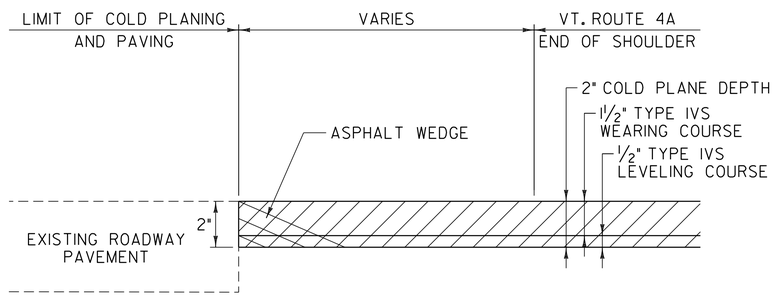
BITUMINOUS CONCRETE GUTTER DETAIL

FAIR HAVEN HIGHWAY

STA 54+35.0 - STA 54+68.0 RT (4.9 TON)
STA 65+00.0 - STA 78+80.0 RT (85.4 TON)
STA 81+00.0 - STA 83+44.0 RT (12.7 TON)
STA 83+34.0 - STA 84+55.0 LT (6.0 TON)
STA 84+74.0 - STA 87+10.0 LT (20.4 TON)
STA 85+26.0 - STA 87+42.0 RT (18.7 TON)

NOTE:

1. BITUMINOUS CONCRETE GUTTER TO BE CONSTRUCTED BY PLACING 1-2" TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT LIFT AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.



SIDE ROAD APPROACH AREA DETAIL

TH-55
TH-64
TH-57
TH-50
VT. ROUTE 22A
TH-54
TH-8
TH-44
TH-53
TH-43
TH-3 (FORK)
TH-3
TH-41

NOT TO SCALE

PAVING DETAILS SHEET

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(1)S

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060pds2.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 83 OF 157

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2615(11)S

SUMMARY OF ESTIMATED QUANTITIES

FULL C.E.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		40	40	CY	COMMON EXCAVATION	203.15	2.2
		1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	
		37,725	37,725	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	34
		40	40	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	EST.
		45	45	TON	SUBBASE, RAP	301.40	3.9
		160	160	CWT	EMULSIFIED ASPHALT	404.65	3
		1	1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
					BEGIN OPTION AA		
		4375	4375	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% RAP CONTENT)	490.30	24
		4375	4375	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% < RAP CONTENT < 15.0%)	490.30	24
		4375	4375	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	24
		4375	4375	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% <= RAP CONTENT <= 50.0%)	490.30	24
					END OPTION AA		
		1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	
	70		70	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	3.4
		22	22	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	
		22	22	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	
		22	22	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	
		25	25	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	
		50	50	HR	POWER GRADER RENTAL	608.15	EST.
		20	20	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
		175	175	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
		50	50	HR	LOADER RENTAL, TYPE I	608.40	EST.
		100	100	LF	VERTICAL GRANITE CURB	616.21	9
		25	25	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	4
		150	150	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	5.6
		130	130	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	6.2
		220	220	SF	DETECTABLE WARNING SURFACE	618.30	6
		10	10	EA	YIELDING MARKER POSTS	619.17	EST.
		60	60	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	6
		125	125	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	11

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING BITUMINOUS PAVEMENT
36,363	SY	MAINLINE
1328	SY	SIDEROADS
34	SY	ROUNDING
37,725	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
1055	TON	LEVELING COURSE (TYPE IVS)
3180	TON	WEARING COURSE (TYPE IVS)
116	TON	SIDE ROADS
24	TON	ROUNDING
4375	TON	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060qsl.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 84 OF 157

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2615(I)S

SUMMARY OF ESTIMATED QUANTITIES

FULL C.E.	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		4	4	EA	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	621.53	
		4	4	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	
		150	150	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	9
		18	18	EA	ADJUST ELEVATION OF VALVE BOX	629.20	
		1000	1000	HR	UNIFORMED TRAFFIC OFFICER	630.10	EST.
		1500	1500	HR	FLAGGERS	630.15	EST.
0.33			0.33	LS	FIELD OFFICE, ENGINEERS	631.10	
0.33			0.33	LS	TESTING EQUIPMENT, CONCRETE	631.16	
0.33			0.33	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	
0.2			0.2	LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	
		0.2	0.2	LS	MOBILIZATION / DEMOBILIZATION	635.11	
		1	1	LS	TRAFFIC CONTROL (STP 2615(I)S)	641.10	
		1	1	LS	PUBLIC RELATIONS OFFICER	641.12	
		1	1	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	
		22,600	22,600	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	42
		15,900	15,900	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	34
		475	475	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	30
		60	60	LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	3
		125	125	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	6
		100	100	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	
		725	725	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	6
		45,200	45,200	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	EST.
		31,800	31,800	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	EST.
		250	250	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	EST.
		180	180	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	EST.
		1450	1450	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	EST.
		800	800	EA	LINE STRIPING TARGETS	646.76	EST.
		165	165	LF	PAINTED CURB	646.81	3
		50	50	LB	SEED	651.15	EST.
		400	400	LB	FERTILIZER	651.18	EST.
		1	1	TON	AGRICULTURAL LIMESTONE	651.20	EST.
		50	50	CY	TOPSOIL	651.35	EST.
		293	293	SF	TRAFFIC SIGNS, TYPE A	675.20	0.85
		725	725	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	11
		81	81	EA	REMOVING SIGNS	675.50	
		18	18	EA	ERECTING SALVAGED SIGNS	675.60	
		1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	
		1625	1625	TON	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	13

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(I)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060qs2.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 85 OF 157

ITEM DETAIL SUMMARY SHEET #1

LOCATION			GUARDRAIL (GALVANIZED)					SIDEWALK						MISCELLANEOUS				REMARKS
BEGIN STATION	END STATION	POS.	621.20 S.B G.R., GALV. LF	621.21 HD S.B. G.R., GALV. LF	621.53 TERMINAL CONNECTOR FOR S.B. G.R. EA	621.60 ANCHOR FOR S.B. G.R. EA	621.80 REMOVAL & DISPOSAL GUARDRAIL LF	203.15 COMMON EXCAV. CY	301.40 SUBBASE. RAP TON	616.21 VERTICAL GRANITE CURB LF	616.28 CAST-IN-PLACE CONC. CURB, TYPE B LF	618.10 P.C.C. SIDEWALK, 5 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	604.412 REHAB. DI, CB, MH CLASS I EA	604.415 REHAB. DI, CB, MH CLASS II EA	604.418 REHAB. DI, CB, MH CLASS III EA	616.47 BIT. CONC. GUT. & TRAF. ISL. TON	
FAIR HAVEN:																		
52+97.0	127+46.0	LT/RT												22	22	22		SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
54+35.0	54+68.0	RT															1.2	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 83 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
57+40.0		RT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1 WITH DETECTABLE WARNING SURFACE.
57+70.0		RT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1 WITH DETECTABLE WARNING SURFACE.
59+18.0		LT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1 WITH DETECTABLE WARNING SURFACE.
64+60.0		RT						2.0	2.2		7	6.7	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
64+98.0		RT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1 WITH DETECTABLE WARNING SURFACE.
65+00.0	78+80.0	RT															85.4	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 83 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
78+85.0	79+78.0	LT	39.5	32.5	1	1	60.0											PROVIDE AN ANCHOR FOR RAIL AT STA 78+94.5. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE AT STA 79+76.0. PROVIDE TERMINAL CONNECTOR TO EXISTING BRIDGE AT STA 79+76.0 TO STA 79+78.0. SEE SHEET 115 FOR BR 1 DETAIL.
79+59.0	79+79.0	RT		34.5	1	1	20.0											PROVIDE AN ANCHOR FOR RAIL AT STA 79+62.5. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE AT STA 79+77.0. PROVIDE TERMINAL CONNECTOR TO EXISTING BRIDGE AT STA 79+77.0 TO STA 79+79.0. SEE SHEET 115 FOR BR 1 DETAIL.
80+27.0	80+43.5	LT		14.5	1	1	21.0											PROVIDE TERMINAL CONNECTOR TO EXISTING BRIDGE RAIL AT STA 80+27.0 TO STA 80+29.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE AT STA 80+29.0. PROVIDE AN ANCHOR FOR RAIL AT STA 80+33.5. SEE SHEET 115 FOR BR 1 DETAILS.
80+29.0	80+70.5	RT	14.5	32.5	1	1	40.0											PROVIDE TERMINAL CONNECTOR TO EXISTING BRIDGE RAIL AT STA 80+29.0 TO STA 80+31.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE AT STA 80+31.0. PROVIDE AN ANCHOR FOR RAIL AT STA 80+60.5. SEE SHEET 115 FOR BR 1 DETAILS.
81+00.0	83+44.0	RT															12.7	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 83 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
83+34.0	84+55.0	LT															6.0	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 83 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
84+74.0	87+10.0	LT															20.4	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 83 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
84+55.0		LT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1 WITH DETECTABLE WARNING SURFACE.
84+74.0		LT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
84+95.0		RT						2.0	2.2		7	6.7	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1 WITH DETECTABLE DETECABLE WARNING SURFACE.
85+22.0		RT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
85+26.0	87+42.0	RT															18.7	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 83 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
87+64.0		RT						1.7	1.8			5.4	14.0					CONSTRUCT SIDEWALK RAMP TYPE 1 WITH DETECTABLE WARNING SURFACE.
87+86.0		RT						2.0	2.2		7	6.7	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
89+60.0		LT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
89+60.0		RT						3.2	3.6	14		10.6	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
SHEET SUBTOTALS:			54.0	114.0	4	4	141.0	18.1	19.2	14	21	58.5	134.0	22	22	22	144.4	

ITEM DETAIL SUMMARY SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060idsl.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.

ITEM DETAIL SUMMARY SHEET #2

LOCATION			GUARDRAIL (GALVANIZED)					SIDEWALK						MISCELLANEOUS				REMARKS
BEGIN STATION	END STATION	POS.	621.20 S.B G.R., GALV. LF	621.21 HD S.B. G.R., GALV. LF	621.53 TERMINAL CONNECTOR FOR S.B. G.R. EA	621.60 ANCHOR FOR S.B. G.R. EA	621.80 REMOVAL & DISPOSAL GUARDRAIL LF	203.15 COMMON EXCAV. CY	301.40 SUBBASE. RAP TON	616.21 VERTICAL GRANITE CURB LF	616.28 CAST-IN-PLACE CONC. CURB, TYPE B LF	618.10 P.C.C. SIDEWALK, 5 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	604.412 REHAB. DI, CB, MH CLASS I EA	604.415 REHAB. DI, CB, MH CLASS II EA	604.418 REHAB. DI, CB, MH CLASS III EA	616.47 BIT. CONC. GUT. & TRAF. ISL. TON	
FAIR HAVEN:																		
91+25.0		RT						0.9	0.9			2.8	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
91+99.0		RT						2.0	2.2	7		6.7	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1WITH DETECTABLE WARNING SURFACE.
92+13.0		RT						2.0	2.2	7		6.7	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1WITH DETECTABLE WARNING SURFACE.
95+68.0		LT						2.0	2.2	7		6.7	10.0					CONSTRUCT SIDEWALK RAMP TYPE 1WITH DETECTABLE WARNING SURFACE.
95+68.0		RT						3.2	3.6	14		10.6	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
108+42.0		LT						3.2	3.6	14		10.6	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
108+42.0		RT						3.2	3.6	14		10.6	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
108+90.0		LT						3.2	3.6	14		10.6	10.0					CONSTRUCT SIDEWALK RAMP TYPE 6 WITH DETECTABLE WARNING SURFACE.
SHEET SUBTOTAL			-	-	-	-	-	19.7	21.9	77	-	65.3	80.0	-	-	-	-	
SHEET 86 SUBTOTAL			54.0	114.0	4	4	141.0	18.1	19.2	14	21	58.5	134.0	22	22	22	144.4	
ROUNDING			6.0	11.0	-	-	9.0	2.2	3.9	9	4	6.2	6.0	-	-	-	5.6	
TOTAL			60.0	125.0	4	4	150.0	40.0	45.0	100	25	130.0	220.0	22	22	22	150.0	

ITEM DETAIL SUMMARY SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060ids2.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 87 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 49+36.80 - STA 53+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 49+36.80 - STA 53+00.00 LT & RT

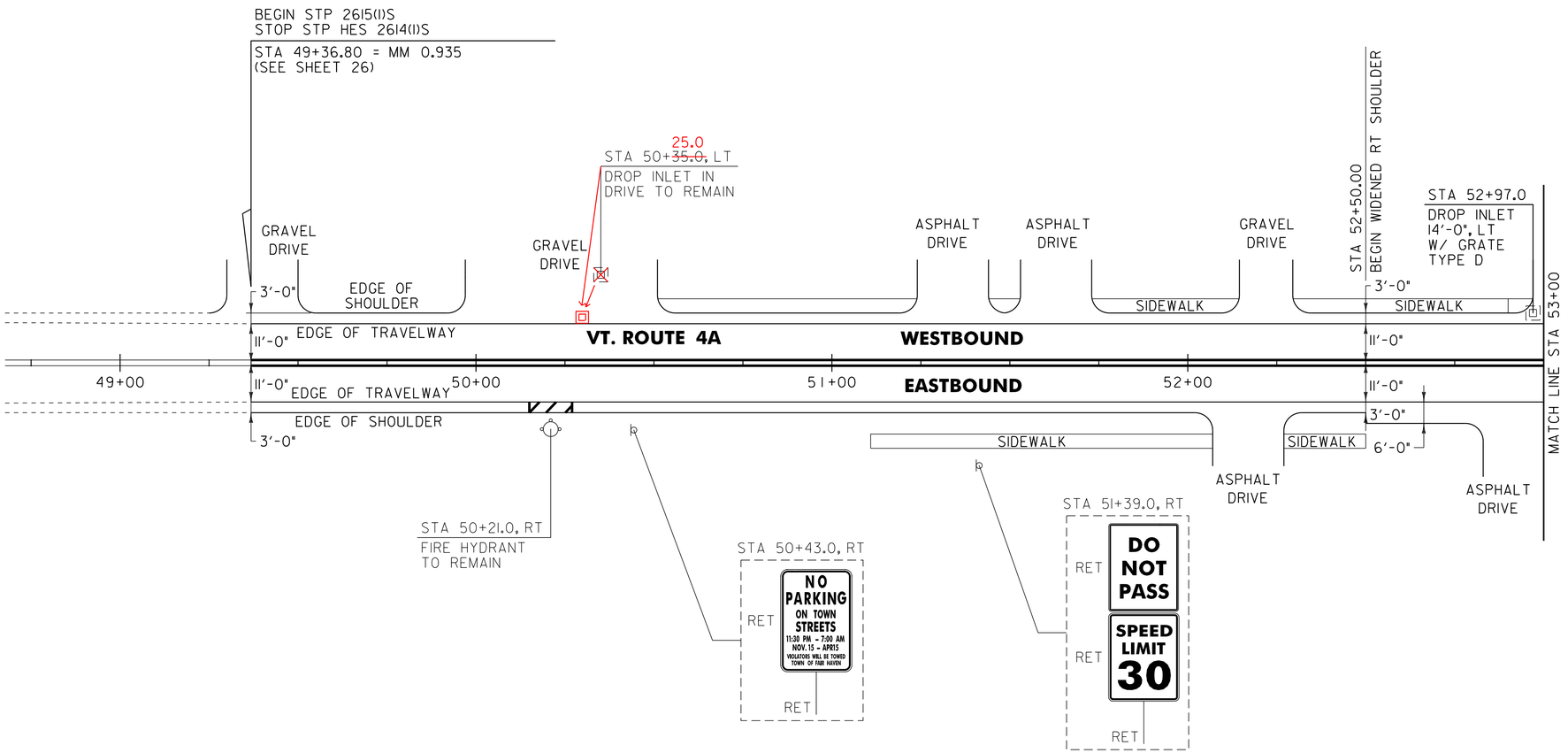
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 49+36.80 - STA 53+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 49+36.80 - STA 53+00.00	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
FAIR HAVEN:
STA 50+15.00 - STA 50+27.00 FIRE HYDRANT NO PARKING ZONE, RT



NOTES:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

2. SEE SHEET 10 FOR FIRE HYDRANT PAVING MARKING DETAIL.

604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)
FAIR HAVEN:
STA 52+97.0 LT STA 50+25 LT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #1

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(I)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060101.i
PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 88 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 53+00.00 - STA 58+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 53+00.00 - STA 58+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 53+00.00 - STA 58+00.00	S	-	S
STA 57+55.20 DOUBLE SOLID RT, TH-55			

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 53+00.00 - STA 58+00.00	S	-	S
STA 57+55.20 DOUBLE SOLID RT, TH-55			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
FAIR HAVEN:
STA 56+35.00 - STA 56+47.00 FIRE HYDRANT NO PARKING ZONE, RT

646.482 TEMPORARY 24 INCH STOP BAR, THERMOPLASTIC
FAIR HAVEN:
STA 57+55.20 RT, TH-55

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
FAIR HAVEN:
STA 57+55.20 RT, TH-55

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 57+55.20 RT, TH-55 "S,T,O,P" (4 EA)

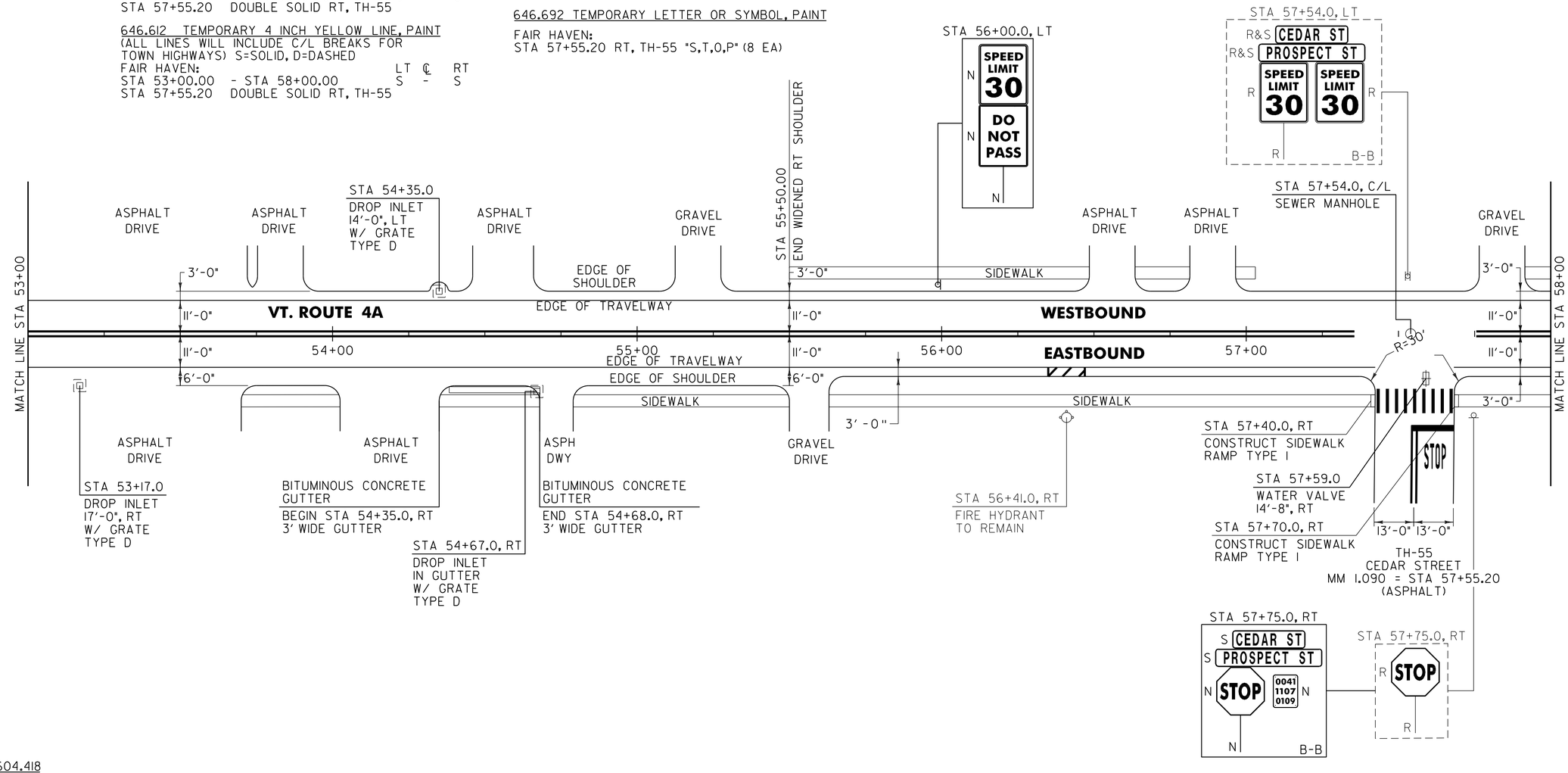
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 57+55.20 RT, TH-55 "S,T,O,P" (8 EA)

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
FAIR HAVEN:
STA 57+55.20 RT, TH-55

646.702 TEMPORARY CROSSWALK MARKING, PAINT
FAIR HAVEN:
STA 57+55.20 RT, TH-55

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 2)
FAIR HAVEN:
STA 53+17.0 RT
STA 54+35.0 LT
STA 54+67.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
FAIR HAVEN:
STA 57+54.0 C/L

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
FAIR HAVEN:
STA 54+35.0 - STA 54+68.0 RT (1.2 TON)

629.20 ADJUST ELEVATION OF VALVE BOX
FAIR HAVEN:
STA 57+59.0 RT

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. SEE SHEET 10 FOR FIRE HYDRANT PAVING MARKING DETAIL.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

NOT TO SCALE

PROJECT LAYOUT SHEET #2

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060102.i
PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 89 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 58+00.00 - STA 63+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 58+00.00 - STA 63+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

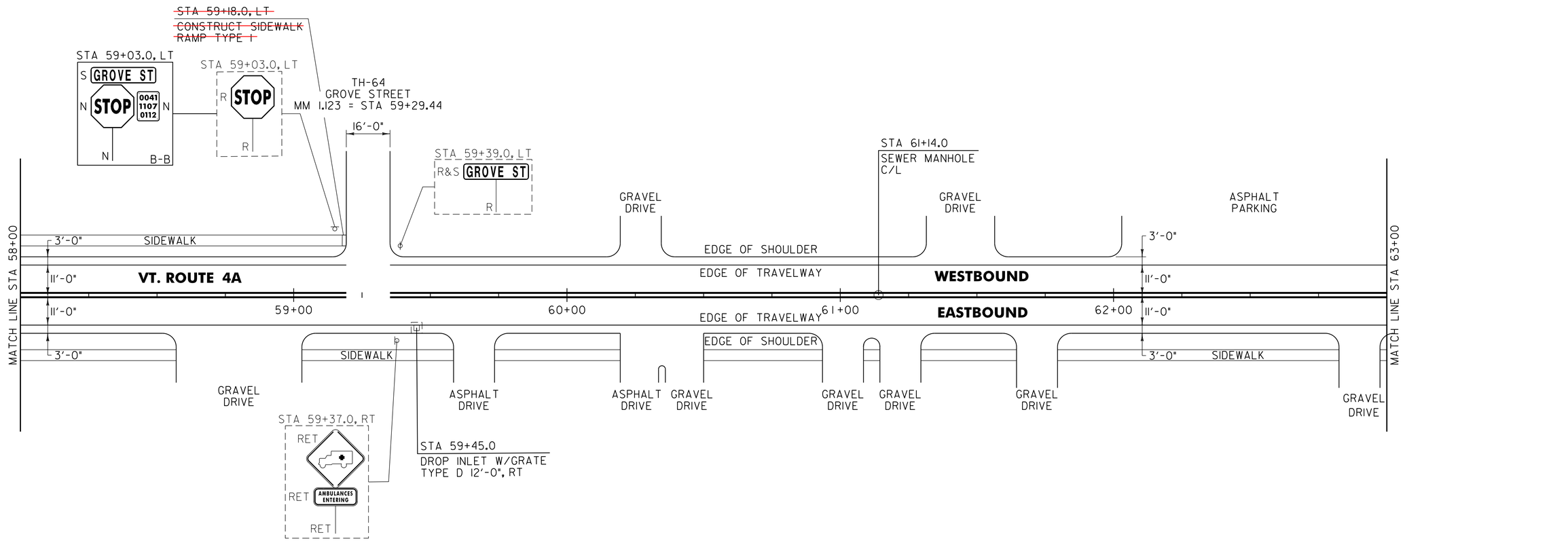
	LT	℄	RT
STA 58+00.00 - STA 63+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 58+00.00 - STA 63+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, (SEE NOTE 2)
FAIR HAVEN:
STA 59+45.0 RT

604.42 CHANGE ELEVATION OF SEWER MANHOLE
FAIR HAVEN:
STA 61+14.0 C/L

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

NOT TO SCALE

PROJECT LAYOUT SHEET #3

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060103.i

PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 90 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 63+00.00 - STA 68+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 63+00.00 - STA 68+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 63+00.00 - STA 68+00.00	S	-	S
STA 64+78.56 DOUBLE SOLID RT, TH-57			

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 63+00.00 - STA 68+00.00	S	-	S
STA 64+78.56 DOUBLE SOLID RT, TH-57			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
FAIR HAVEN:
STA 64+23.00 - STA 64+35.00 FIRE HYDRANT NO PARKING ZONE, RT
STA 64+76.00 - STA 64+88.00 FIRE HYDRANT NO PARKING ZONE, LT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
FAIR HAVEN:
STA 64+78.56 RT, TH-57

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
FAIR HAVEN:
STA 64+78.56 RT, TH-57

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 64+78.56 RT, TH-57 "S,T,O,P" (4 EA)

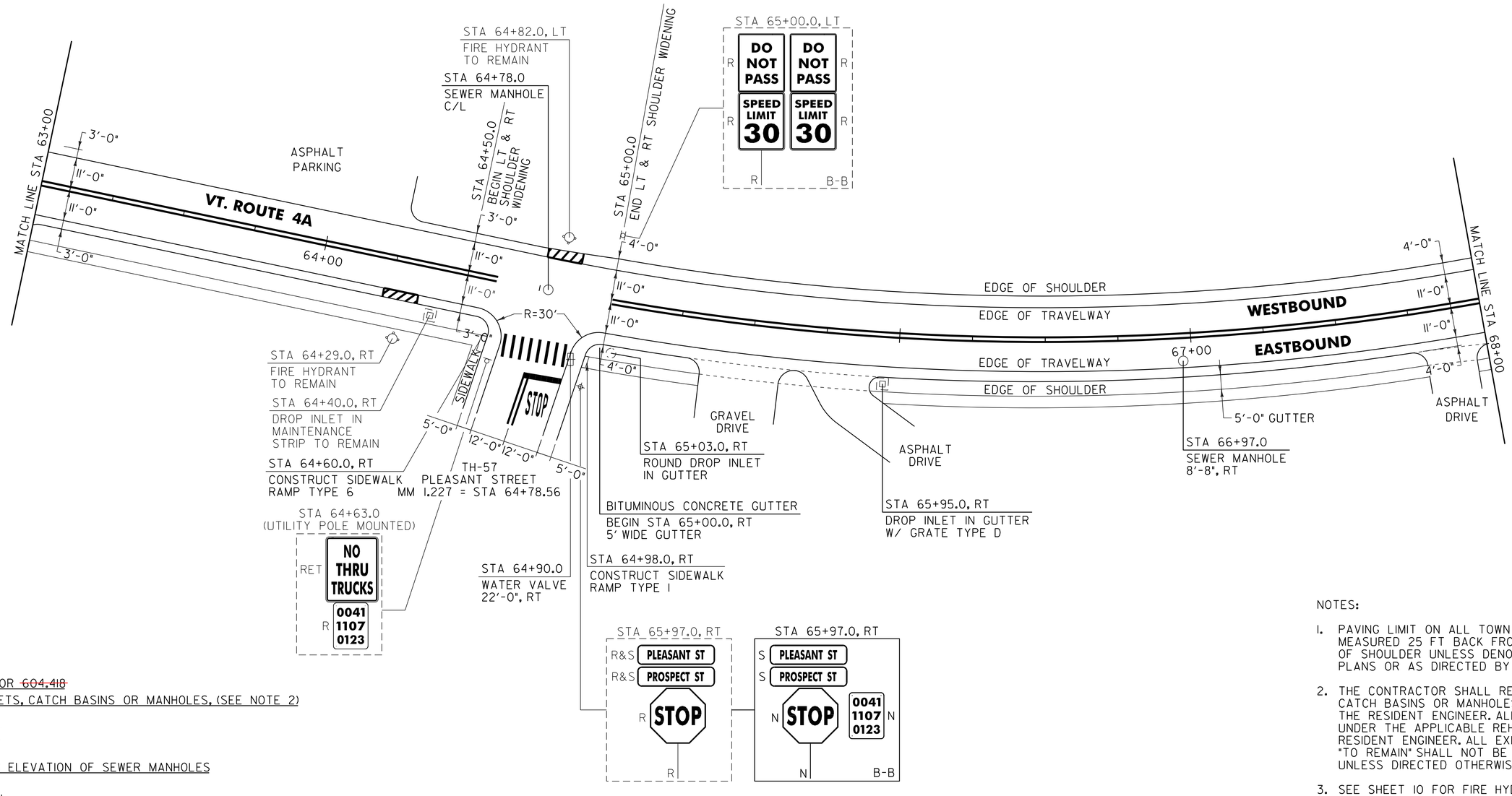
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 64+78.56 RT, TH-57 "S,T,O,P" (8 EA)

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
FAIR HAVEN:
STA 64+78.56 RT, TH-57

646.702 TEMPORARY CROSSWALK MARKING, PAINT
FAIR HAVEN:
STA 64+78.56 RT, TH-57

675.50 REMOVING SIGNS
AS SHOWN - 8

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



604.412, ~~604.415~~ OR ~~604.418~~
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, (SEE NOTE 2)
FAIR HAVEN:
STA 65+03.0 RT
STA 65+95.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
FAIR HAVEN:
STA 64+78.0 C/L
STA 66+97.0 RT

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
FAIR HAVEN:
STA 65+00.0 - STA 68+00.0 RT (18.6 TON)

629.20 ADJUST ELEVATION OF VALVE BOX
FAIR HAVEN:
STA 64+90.0 RT

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. SEE SHEET 10 FOR FIRE HYDRANT MARKING DETAIL.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

NOT TO SCALE

PROJECT LAYOUT SHEET #4

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060104.i
PLOT DATE: 22-FEB-2012 12:52
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 91 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 68+00.00 - STA 73+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 68+00.00 - STA 73+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 68+00.00 - STA 73+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

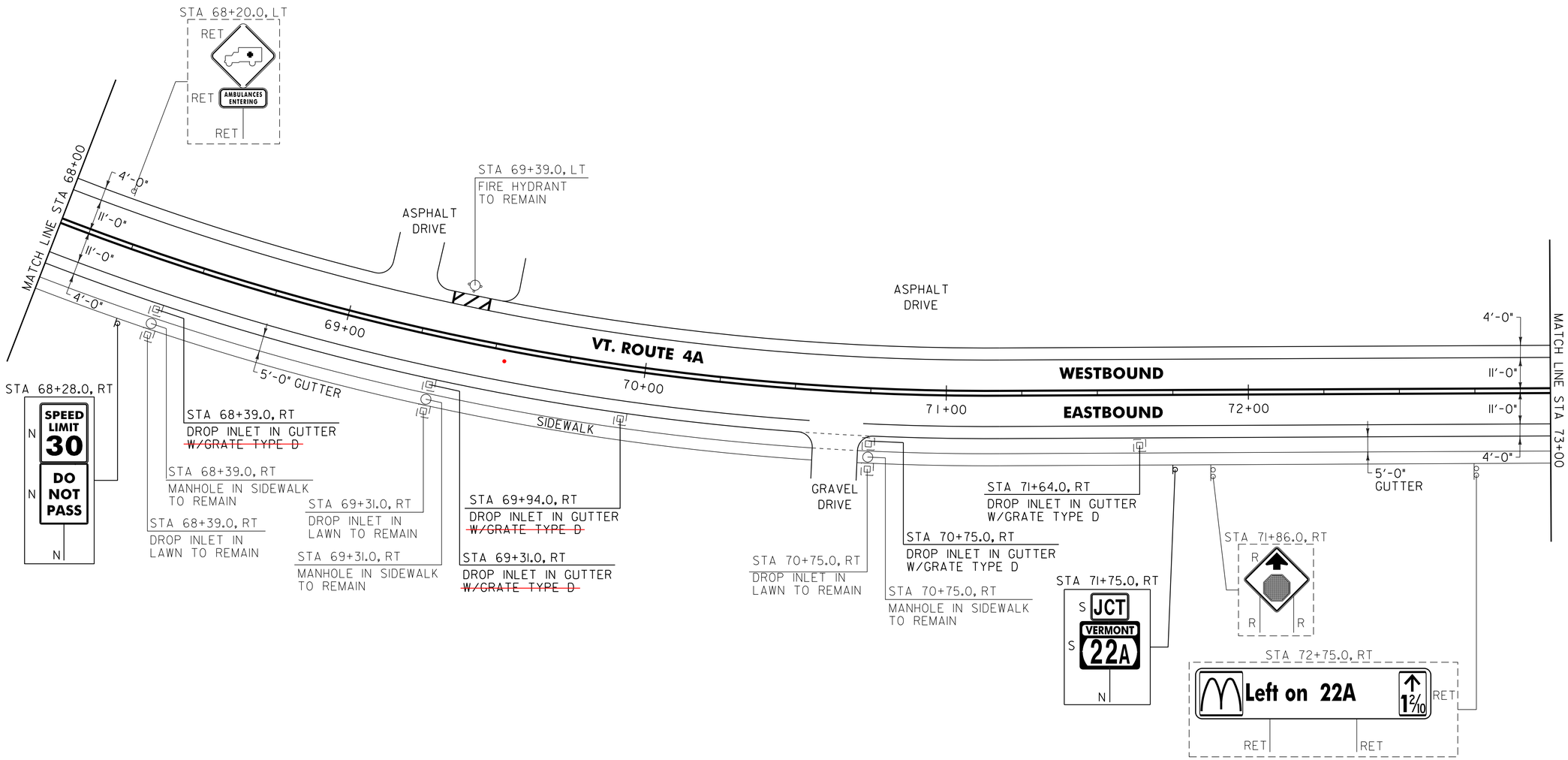
FAIR HAVEN:	LT	℄	RT
STA 68+00.00 - STA 73+00.00	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC

FAIR HAVEN:
STA 69+33.00 - STA 69+45.00 FIRE HYDRANT NO PARKING ZONE, LT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



604.42 CHANGING ELEVATION OF S.M.H.
STA 69+58 RT

604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)

FAIR HAVEN:
STA 68+39.0 RT
STA 69+31.0 RT
STA 69+94.0 RT
STA 70+75.0 RT
STA 71+64.0 RT
→ DID NOT TOUCH

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

FAIR HAVEN:
STA 68+00.0 - STA 73+00.0 RT (30.9 TON)

NOTES:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

2. SEE SHEET 10 FOR FIRE HYDRANT MARKING DETAIL.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

NOT TO SCALE

PROJECT LAYOUT SHEET #5

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060105.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 92 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 73+00.00 - STA 78+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 73+00.00 - STA 78+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 73+00.00 - STA 78+00.00	S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 73+00.00 - STA 78+00.00	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC

FAIR HAVEN:
STA 75+29.00 - STA 75+41.00 FIRE HYDRANT, NO PARKING , RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

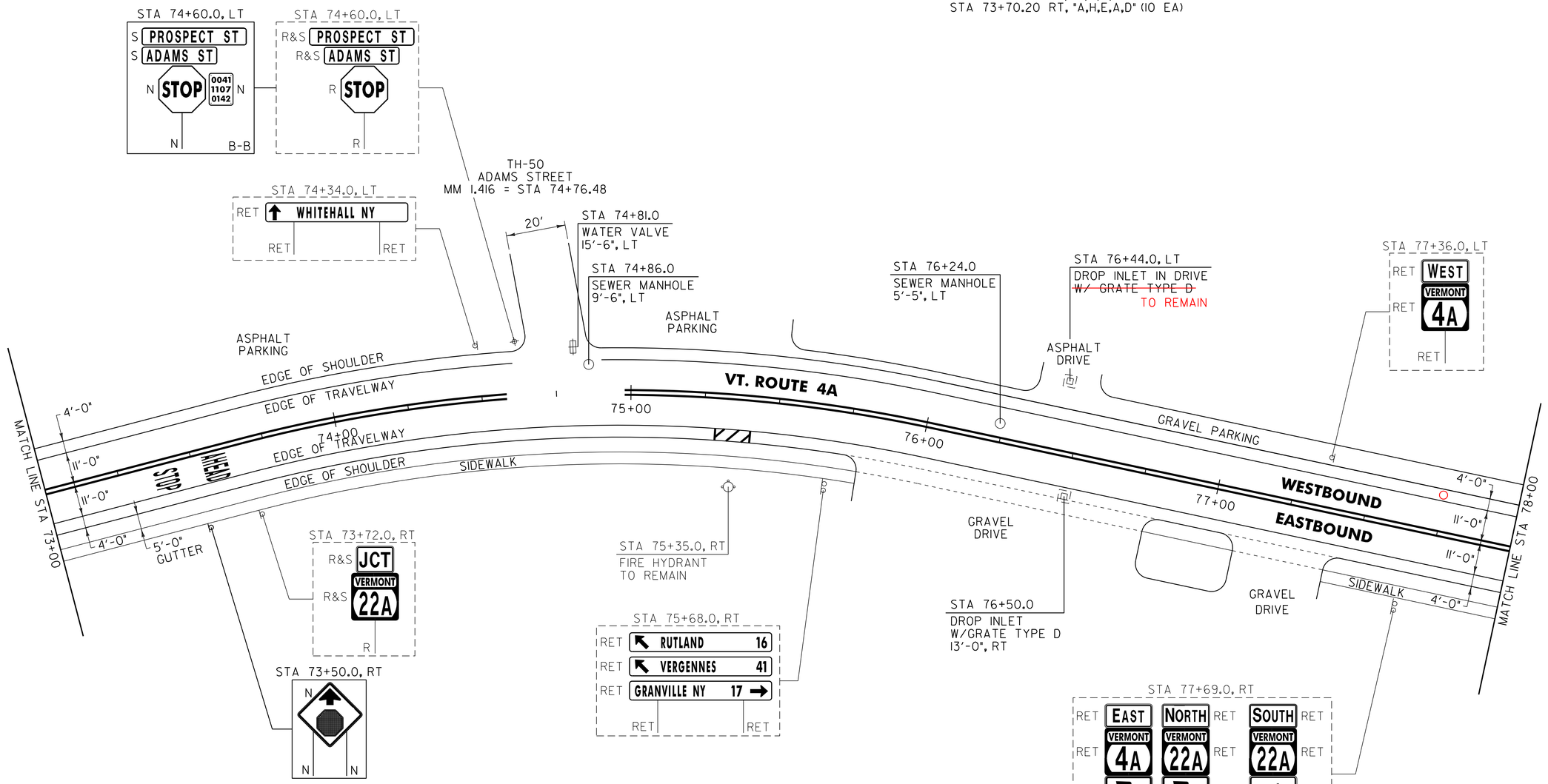
FAIR HAVEN:
STA 73+29.80 RT, "S,T,O,P" (4 EA)
STA 73+70.20 RT, "A,H,E,A,D" (5 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

FAIR HAVEN:
STA 73+29.80 RT, "S,T,O,P" (8 EA)
STA 73+70.20 RT, "A,H,E,A,D" (10 EA)

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 2)

FAIR HAVEN:
STA 76+44.0 LT — DID NOT TOUCH
STA 76+50.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

FAIR HAVEN:
STA 74+86.0 LT 77+72 LT
STA 76+24.0 LT

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

FAIR HAVEN:
STA 73+00.0 - STA 78+00.0 RT (30.9 TON)

629.20 ADJUST ELEVATION OF VALVE BOX

FAIR HAVEN:
STA 74+81.0 LT

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

NOT TO SCALE

PROJECT LAYOUT SHEET #6

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060106.i
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 93 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 78+00.00 - STA 83+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 78+00.00 - STA 78+76.00	S	-	S
STA 79+60.00 - STA 83+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 78+00.00 - STA 83+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:

	LT	℄	RT
STA 78+00.00 - STA 78+76.00	S	-	S
STA 79+60.00 - STA 83+00.00	S	-	S

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
FAIR HAVEN:
STA 78+77.00 RT

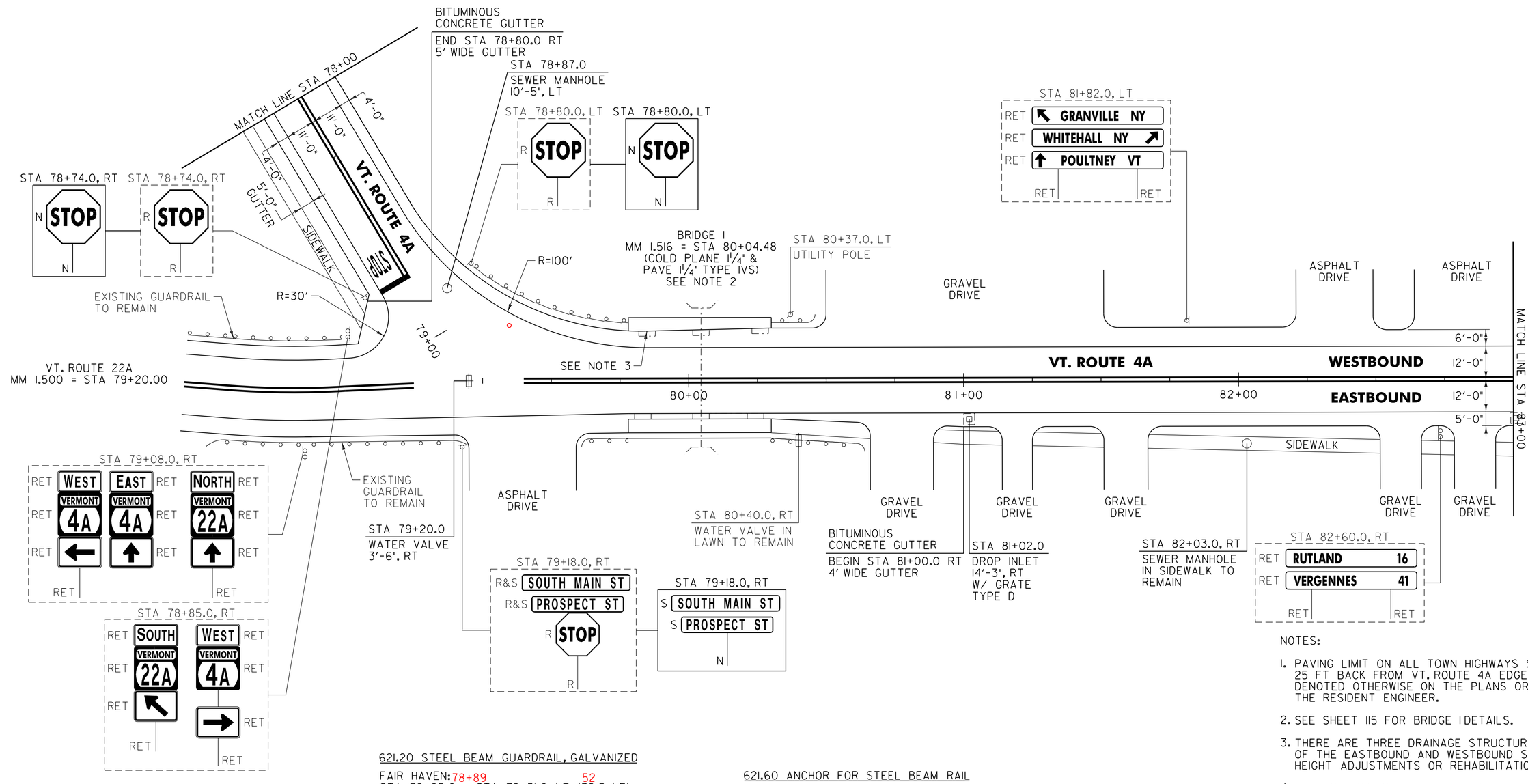
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 78+69.00 RT, "S,T,O,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
FAIR HAVEN:
STA 78+77.00 RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 78+69.00 RT, "S,T,O,P" (8 EA)

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 115 FOR BRIDGE 1 DETAILS.
3. THERE ARE THREE DRAINAGE STRUCTURES LOCATED IN EACH OF THE EASTBOUND AND WESTBOUND SHOULDERS ON BR 1. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.
4. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

604.412, ~~604.415~~ OR ~~604.418~~
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 4)
FAIR HAVEN:
STA 81+02.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
FAIR HAVEN:
STA 78+87.0 LT
STA 79+32 LT

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
FAIR HAVEN:
STA 78+00.0 - STA 78+80.0 RT (5.0 TON)
STA 81+00.0 - STA 83+00.0 RT (10.4 TON)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
FAIR HAVEN: 78+89 52
STA ~~78+85.0~~ - STA 79+51.0 LT (~~39.5~~ LF)
STA 80+56.0 - STA 80+70.5 RT (14.5 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED
FAIR HAVEN:
STA 79+51.0 - STA 79+76.0 LT (32.5 LF)
STA 79+59.0 - STA 79+77.0 RT (34.5 LF)
STA 80+29.0 - STA ~~80+43.5~~ LT (~~14.5~~ LF)80+56 (32.5 LF)
STA 80+31.0 - STA 80+56.0 RT (32.5 LF)

621.53 TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL
FAIR HAVEN:
STA 79+76.0 - STA 79+78.0 LT
STA 79+77.0 - STA 79+79.0 RT
STA 80+27.0 - STA 80+29.0 LT
STA 80+29.0 - STA 80+31.0 RT

621.60 ANCHOR FOR STEEL BEAM RAIL
FAIR HAVEN:
STA 78+94.5 LT
STA 79+62.5 RT
STA 80+33.5 LT
STA 80+60.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
FAIR HAVEN:
STA 78+85.0 - STA 79+78.0 LT (60.0 LF)
STA 79+59.0 - STA 79+79.0 RT (20.0 LF)
STA 80+27.0 - STA 80+48.0 LT (21.0 LF)
STA 80+29.0 - STA 80+69.0 RT (40.0 LF)

629.20 ADJUST ELEVATION OF VALVE BOX
FAIR HAVEN:
STA 79+20.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #7

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(10)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060107.i
PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 94 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 83+00.00 - STA 87+60.00 LT
STA 83+00.00 - STA 87+78.00 RT
STA 85+12.00 - STA 87+50.00 LANE LINE LT
STA 87+60.00 - STA 88+00.00 LT, PARKING STALL MARKINGS
STA 87+72.00 - STA 88+00.00 LANE LINE LT
STA 87+78.00 - STA 88+00.00 RT, PARKING STALL MARKINGS

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT ℄ RT
STA 83+00.00 - STA 83+75.00	S - S
STA 83+75.00 - STA 84+56.00 DOUBLE SOLID MEDIAN	LT & RT
STA 85+11.36 DOUBLE SOLID	RT, TH-8
STA 85+25.00 - STA 87+50.00 DOUBLE SOLID	RT
STA 87+70.08 DOUBLE SOLID	RT, TH-44
STA 87+88.00 - STA 88+00.00 DOUBLE SOLID	RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 83+00.00 - STA 87+60.00 LT
STA 83+00.00 - STA 87+78.00 RT
STA 85+12.00 - STA 87+50.00 LANE LINE LT
STA 87+60.00 - STA 88+00.00 LT, PARKING STALL MARKINGS
STA 87+72.00 - STA 88+00.00 LANE LINE LT
STA 87+78.00 - STA 88+00.00 RT, PARKING STALL MARKINGS

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT ℄ RT
STA 83+00.00 - STA 83+75.00	S - S
STA 83+75.00 - STA 84+56.00 DOUBLE SOLID MEDIAN	LT & RT
STA 85+11.36 DOUBLE SOLID	RT, TH-8
STA 85+25.00 - STA 87+50.00 DOUBLE SOLID	RT
STA 87+70.08 DOUBLE SOLID	RT, TH-44
STA 87+88.00 - STA 88+00.00 DOUBLE SOLID	RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
FAIR HAVEN:
STA 85+11.36 RT, TH-8
STA 87+70.08 RT, TH-44

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:

STA 85+11.36 RT, TH-8,	"S,T,O,P"	(4 EA)
STA 85+29.30 C/L,	ARROW	(1 EA)
STA 85+72.60 C/L,	"O,N,L,Y"	(4 EA)
STA 86+15.90 C/L,	ARROW	(1 EA)
STA 86+59.20 C/L,	"O,N,L,Y"	(4 EA)
STA 87+02.50 C/L,	ARROW	(1 EA)
STA 87+45.80 C/L,	"O,N,L,Y"	(4 EA)
STA 87+70.08 RT, TH-44,	"S,T,O,P"	(4 EA)
STA 87+92.30 C/L,	ARROW	(1 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
FAIR HAVEN:
STA 85+11.36 RT, TH-8
STA 87+70.08 RT, TH-44

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:

STA 85+11.36 RT, TH-8,	"S,T,O,P"	(8 EA)
STA 85+29.30 C/L,	ARROW	(2 EA)
STA 87+02.50 C/L,	ARROW	(2 EA)
STA 87+70.08 RT, TH-44,	"S,T,O,P"	(8 EA)
STA 87+92.30 C/L,	ARROW	(2 EA)

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
FAIR HAVEN:
STA 84+74.00 - STA 87+86.00 RT
STA 87+47.00 - STA 87+59.00 RT

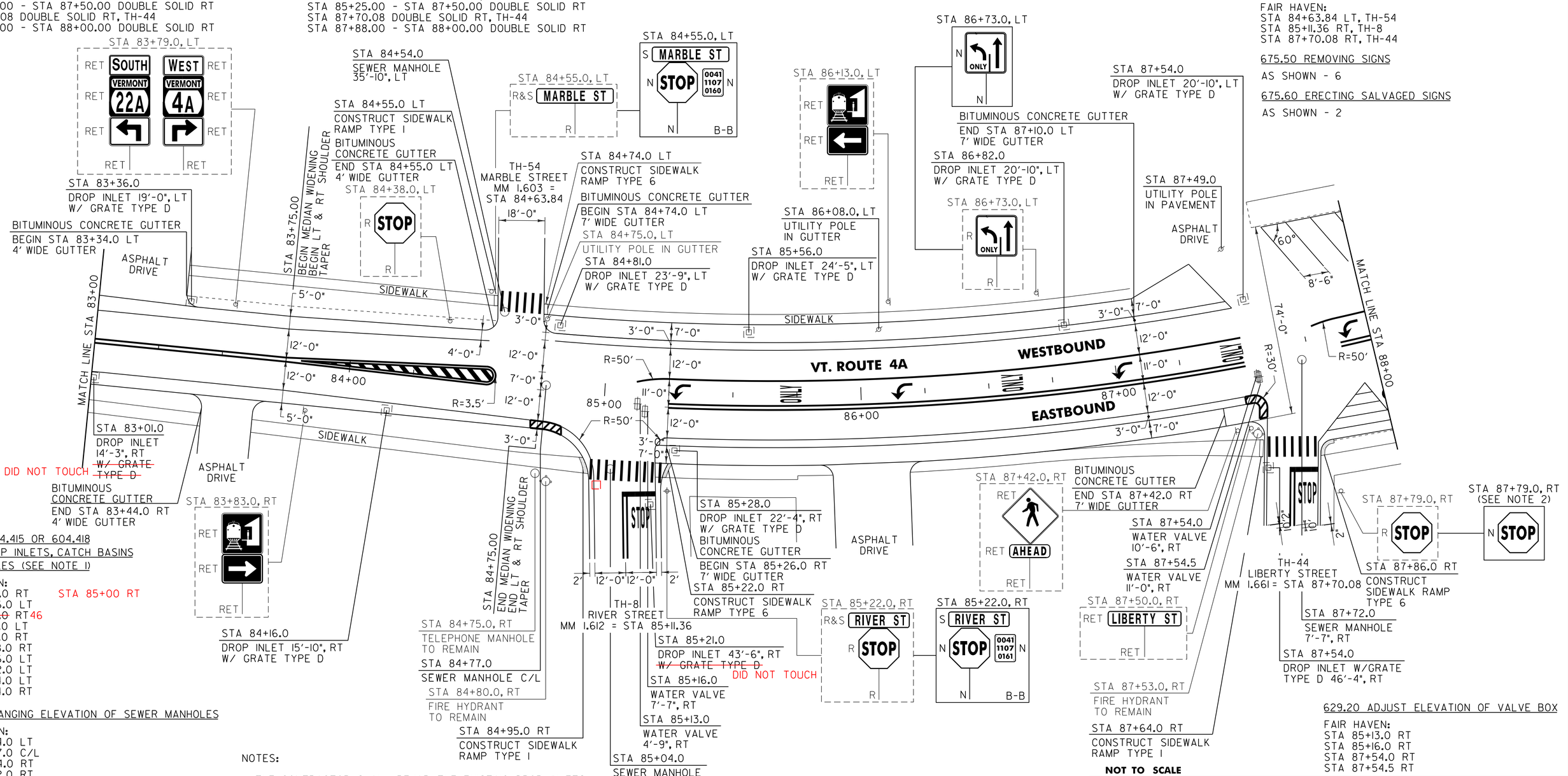
646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
FAIR HAVEN:
STA 83+75.00 - STA 84+56.00 MEDIAN HATCHING

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
FAIR HAVEN:
STA 84+63.84 LT, TH-54
STA 85+11.36 RT, TH-8
STA 87+70.08 RT, TH-44

646.702 TEMPORARY CROSSWALK MARKING, PAINT
FAIR HAVEN:
STA 84+63.84 LT, TH-54
STA 85+11.36 RT, TH-8
STA 87+70.08 RT, TH-44

675.50 REMOVING SIGNS
AS SHOWN - 6

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)

FAIR HAVEN:
STA 83+01.0 RT
STA 83+36.0 LT
STA 84+~~16.0~~ RT46
STA 84+81.0 LT
STA 85+21.0 RT
STA 85+28.0 RT
STA 85+56.0 LT
STA 86+82.0 LT
STA 87+54.0 LT
STA 87+54.0 RT

STA 85+00 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

FAIR HAVEN:
STA 84+54.0 LT
STA 84+77.0 C/L
STA 85+04.0 RT
STA 87+72.0 RT

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

FAIR HAVEN:
STA 83+00.0 - STA 83+44.0 RT (2.3 TON)
STA 83+34.0 - STA 84+55.0 LT (6.0 TON)
STA 84+74.0 - STA 87+10.0 LT (20.4TON)
STA 85+26.0 - STA 87+42.0 RT (18.7TON)

NOTES:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

2. MOUNT SIGN USING EXISTING HARDWARE TO FACE OF BUILDING.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

629.20 ADJUST ELEVATION OF VALVE BOX
FAIR HAVEN:
STA 85+13.0 RT
STA 85+16.0 RT
STA 87+54.0 RT
STA 87+54.5 RT

PROJECT LAYOUT SHEET #8

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S
FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060107.i
PLOT DATE: 22-FEB-2012 12:53
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 88+00.00 - STA 89+58.00 LANE LINE LT
STA 88+00.00 - STA 89+27.00 RT, PARKING STALL MARKINGS
STA 88+00.00 - STA 88+77.00 LT, PARKING STALL MARKINGS
STA 89+27.00 - STA 89+56.00 RT, NO PARKING HATCHING
STA 89+64.00 - STA 90+85.00 DASHED LINE LT
STA 89+64.00 - STA 89+84.00 RT, NO PARKING HATCHING
STA 89+84.00 - STA 90+55.00 RT, PARKING SPACES
STA 90+55.00 - STA 90+66.00 RT, NO PARKING HATCHING
STA 90+66.00 - STA 90+96.00 RT, PARKING SPACES
STA 90+96.00 - STA 91+21.00 RT, NO PARKING HATCHING
STA 91+29.00 - STA 91+46.00 RT, NO PARKING HATCHING
STA 91+46.00 - STA 92+02.00 RT, PARKING STALL MARKINGS
STA 92+10.00 - STA 92+28.00 LT, NO PARKING HATCHING
STA 92+14.00 - STA 92+96.00 RT, PARKING STALL MARKINGS
STA 92+28.00 - STA 92+89.00 LT, PARKING SPACES
STA 92+89.00 - STA 93+00.00 LT, NO PARKING HATCHING

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 88+00.00 - STA 89+58.00 LANE LINE LT
STA 88+00.00 - STA 89+27.00 RT, PARKING STALL MARKINGS
STA 88+00.00 - STA 88+77.00 LT, PARKING STALL MARKINGS
STA 89+27.00 - STA 89+56.00 RT, NO PARKING HATCHING
STA 89+64.00 - STA 90+85.00 DASHED LINE LT
STA 89+64.00 - STA 89+84.00 RT, NO PARKING HATCHING
STA 89+84.00 - STA 90+55.00 RT, PARKING SPACES
STA 90+55.00 - STA 90+66.00 RT, NO PARKING HATCHING
STA 90+66.00 - STA 90+96.00 RT, PARKING SPACES
STA 90+96.00 - STA 91+21.00 RT, NO PARKING HATCHING
STA 91+29.00 - STA 91+46.00 RT, NO PARKING HATCHING
STA 91+46.00 - STA 92+02.00 RT, PARKING STALL MARKINGS
STA 92+10.00 - STA 92+28.00 LT, NO PARKING HATCHING
STA 92+14.00 - STA 92+96.00 RT, PARKING STALL MARKINGS
STA 92+28.00 - STA 92+89.00 LT, PARKING SPACES
STA 92+89.00 - STA 93+00.00 LT, NO PARKING HATCHING

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:
STA 88+00.00 - STA 93+00.00

LT	℄	RT
S	-	S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
FAIR HAVEN:
STA 88+00.00 - STA 93+00.00

LT	℄	RT
S	-	S

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 88+13.00 RT, HANDICAP MARKING (1EA)
STA 88+46.10 C/L, "O,N,L,Y" (4 EA)
STA 89+00.00 C/L, ARROW (1EA)
STA 89+53.80 C/L, "O,N,L,Y" (4 EA)

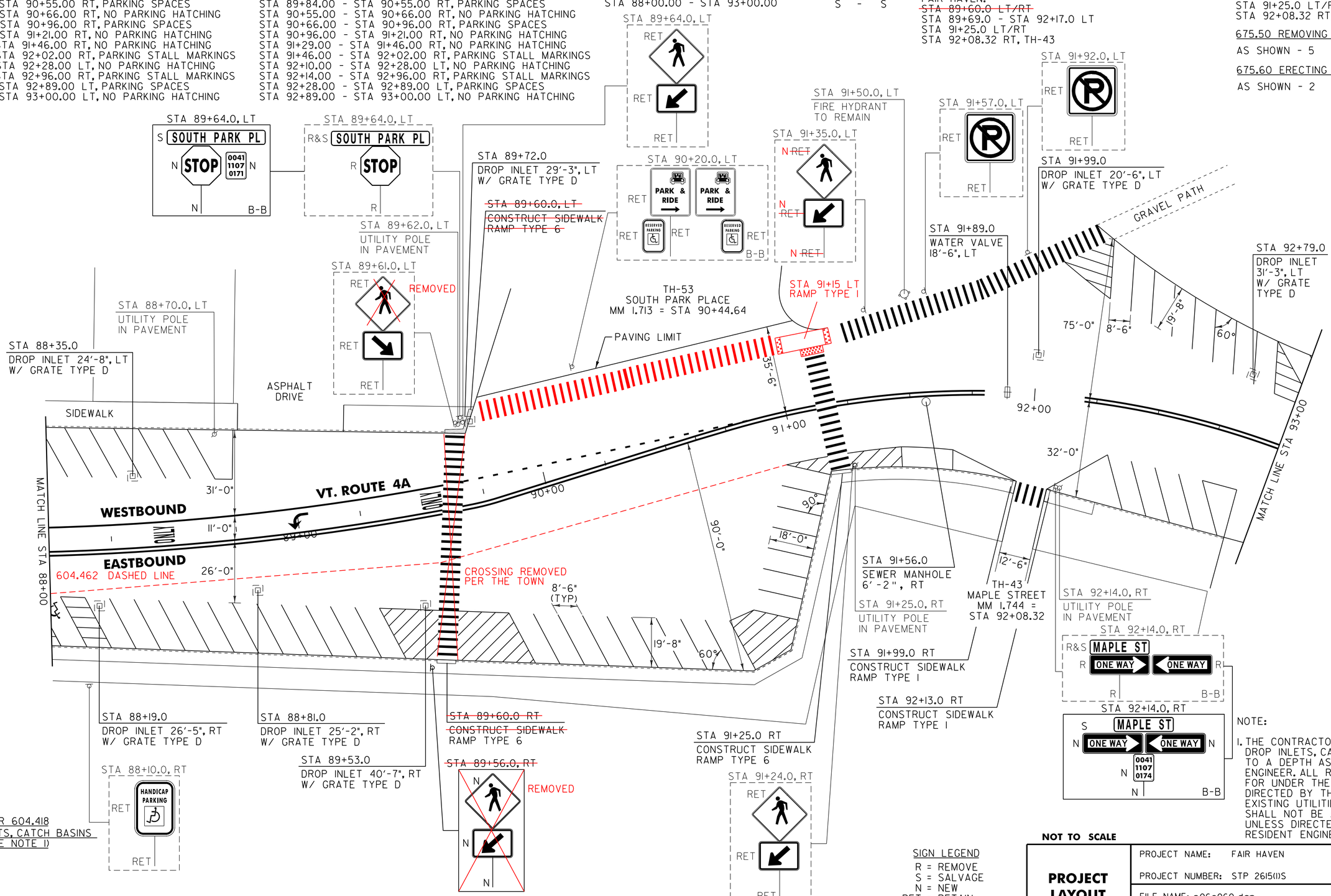
646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
FAIR HAVEN:
~~STA 89+60.0 LT/RT~~
STA 89+69.0 - STA 92+17.0 LT
STA 91+25.0 LT/RT
STA 92+08.32 RT, TH-43

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 88+13.00 RT, HANDICAP MARKING (2 EA)
STA 89+00.00 C/L, ARROW (2 EA)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
FAIR HAVEN:
STA 89+60.0 LT/RT
STA 89+69.0 - STA 92+17.0 LT
STA 91+25.0 LT/RT
STA 92+08.32 RT, TH-43

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)
FAIR HAVEN:
STA 88+19.0 RT
STA 88+35.0 LT
STA 88+81.0 RT
STA 89+53.0 RT
STA 89+72.0 LT
STA 91+99.0 LT
STA 92+79.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
FAIR HAVEN:
STA 91+56.0 CL

629.20 ADJUST ELEVATION OF WATER VALVE
FAIR HAVEN:
STA 91+89.0 LT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———

NOTE:
1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #9

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060109.i
PLOT DATE: 22-FEB-2012 12:53
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 96 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 93+00.00 - STA 93+07.00 LT, NO PARKING HATCHING
STA 93+00.00 - STA 93+31.00 RT, PARKING SPACES
STA 93+07.00 - STA 94+90.00 LT, PARKING SPACES
STA 93+31.00 - STA 98+00.00 RT
STA 94+90.00 - STA 95+09.28 LT, NORTH PARK PLACE, NO PARKING HATCHING
STA 95+09.28 - STA 98+00.00 LT
STA 96+81.00 - STA 98+00.00 RT, NO PARKING ZONE
STA 97+91.00 - STA 98+00.00 LT, NO PARKING ZONE

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 93+00.00 - STA 98+00.00	S	-	S

STA 95+09.28 DOUBLE SOLID LT, TH-3
STA 97+52.16 DOUBLE SOLID LT, TH-3

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 93+00.00 - STA 93+07.00 LT, NO PARKING HATCHING
STA 93+00.00 - STA 93+31.00 RT, PARKING SPACES
STA 93+07.00 - STA 94+90.00 LT, PARKING SPACES
STA 93+31.00 - STA 98+00.00 RT
STA 94+90.00 - STA 95+09.28 LT, NORTH PARK PLACE, NO PARKING HATCHING
STA 95+09.28 - STA 98+00.00 LT
STA 96+81.00 - STA 98+00.00 RT, NO PARKING ZONE
STA 97+91.00 - STA 98+00.00 LT, NO PARKING ZONE

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 93+00.00 - STA 98+00.00	S	-	S

STA 95+09.28 DOUBLE SOLID LT, TH-3
STA 97+52.16 DOUBLE SOLID LT, TH-3

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
FAIR HAVEN:
STA 97+52.16 LT, TH-3

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
FAIR HAVEN:
STA 97+52.16 LT, TH-3

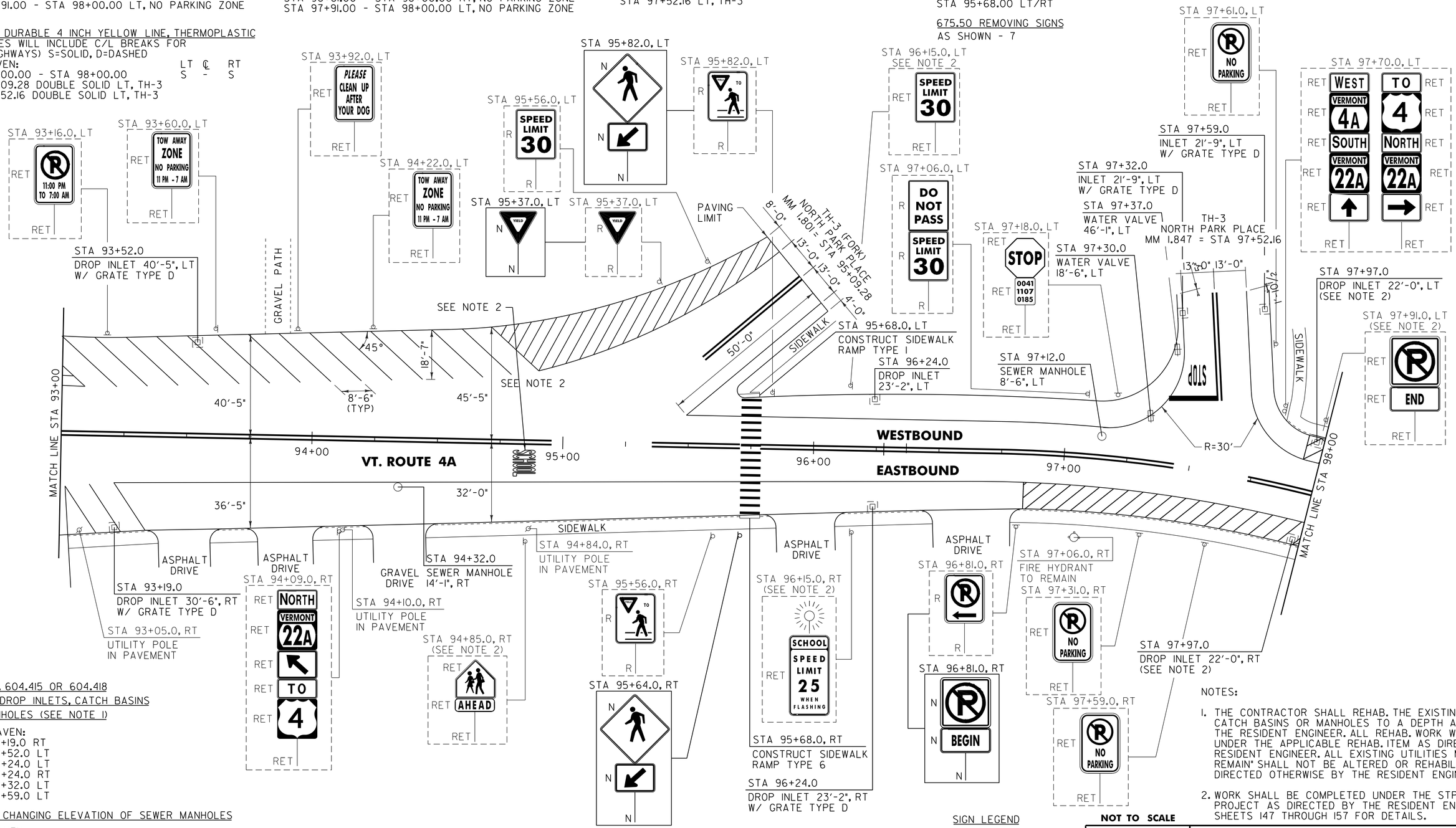
646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
FAIR HAVEN:
STA 95+68.00 LT/RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
FAIR HAVEN:
STA 95+68.00 LT/RT

675.50 REMOVING SIGNS
AS SHOWN - 7

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 95+09.28 LT, TH-3, YIELD MARKINGS (6 EA)
STA 97+52.16 LT, TH-3, "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 95+09.28 LT, TH-3, YIELD MARKINGS (12 EA)
STA 97+52.16 LT, TH-3, "S,T,O,P" (8 EA)



604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)

FAIR HAVEN:
STA 93+19.0 RT
STA 93+52.0 LT
STA 96+24.0 LT
STA 96+24.0 RT
STA 97+32.0 LT
STA 97+59.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

FAIR HAVEN:
STA 94+32.0 RT
STA 97+12.0 LT

629.20 ADJUST ELEVATION OF VALVE BOX

FAIR HAVEN:
STA 97+30.0 LT
STA 97+37.0 LT

NOTES:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
2. WORK SHALL BE COMPLETED UNDER THE STP SRIN 004 PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEETS 147 THROUGH 157 FOR DETAILS.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————
① = RETURN TO TOWN OF FAIR HAVEN

NOT TO SCALE

PROJECT LAYOUT SHEET #10

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(1)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060110.i
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 97 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 98+00.00 - STA 103+00.00 LT & RT
STA 98+00.00 - STA 98+52.00 NO PARKING ZONE, RT
STA 98+00.00 - STA 98+52.00 NO PARKING ZONE, LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 98+00.00 - STA 103+00.00	S	-	S

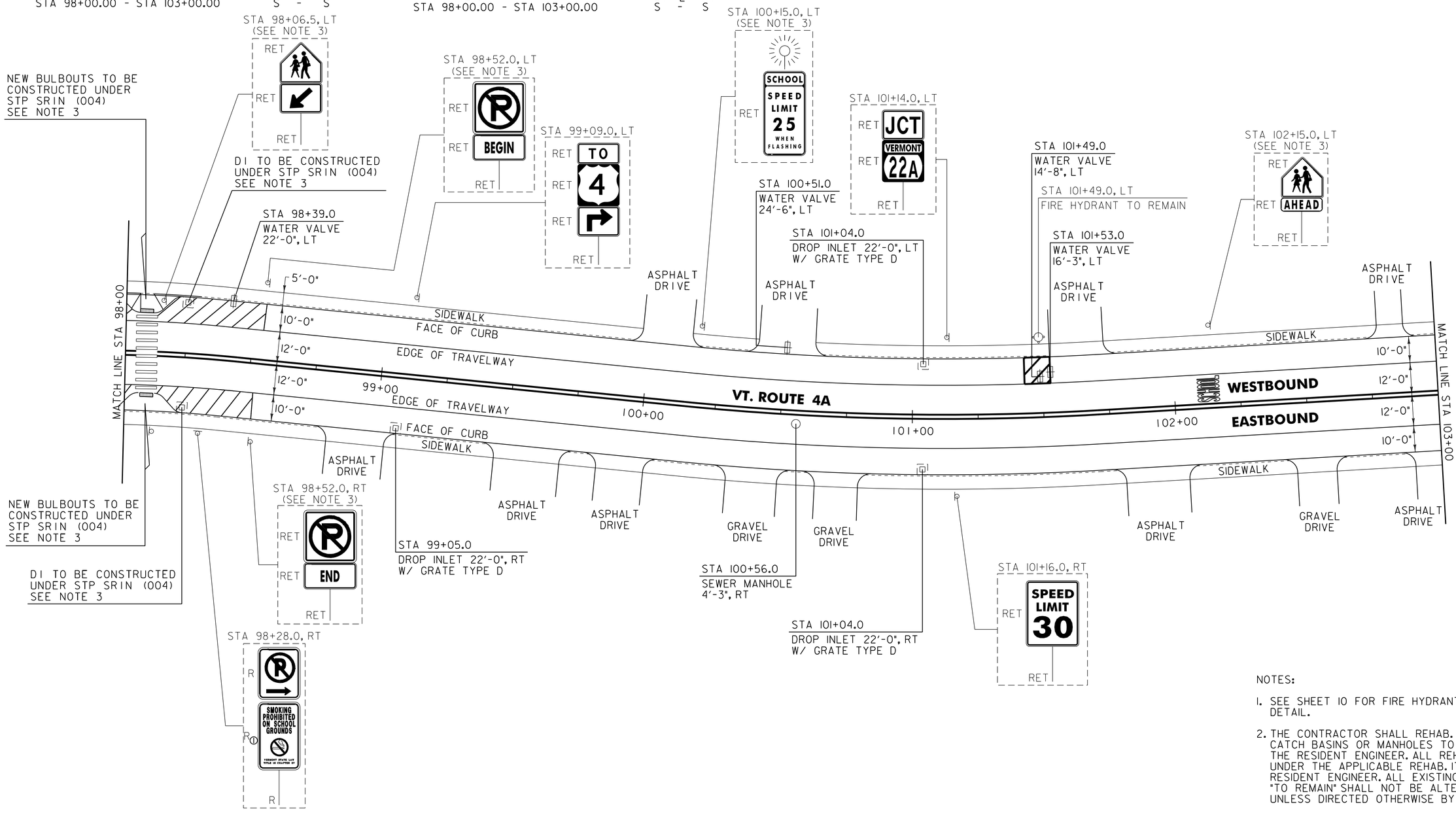
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 98+00.00 - STA 103+00.00 LT & RT
STA 98+00.00 - STA 98+52.00 NO PARKING ZONE, RT
STA 98+00.00 - STA 98+52.00 NO PARKING ZONE, LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 98+00.00 - STA 103+00.00	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 101+43.0 - STA 101+53.0 FIRE HYDRANT NO PARKING ZONE, LT

675.50 REMOVING SIGNS
AS SHOWN - 2



604.412, ~~604.415~~ OR ~~604.418~~
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 2)
FAIR HAVEN:
STA 99+05.0 RT
STA 101+04.0 LT
STA 101+04.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
FAIR HAVEN:
STA 100+56.0 RT

629.20 ADJUST ELEVATION OF VALVE BOX
FAIR HAVEN:
STA 98+39.0 LT
STA 100+51.0 LT
STA 101+49.0 LT
STA 101+53.0 LT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ————————
① = RETURN TO TOWN OF FAIR HAVEN

NOTES:
1. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. WORK SHALL BE COMPLETED UNDER THE STP SRIN 004 PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEETS 147 THROUGH 157 FOR DETAILS.

NOT TO SCALE

PROJECT LAYOUT SHEET #11

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060101l.i
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 98 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 103+00.00 - STA 108+00.00 LT & RT
STA 107+82.00 - STA 108+00.00 NO PARKING ZONE,LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

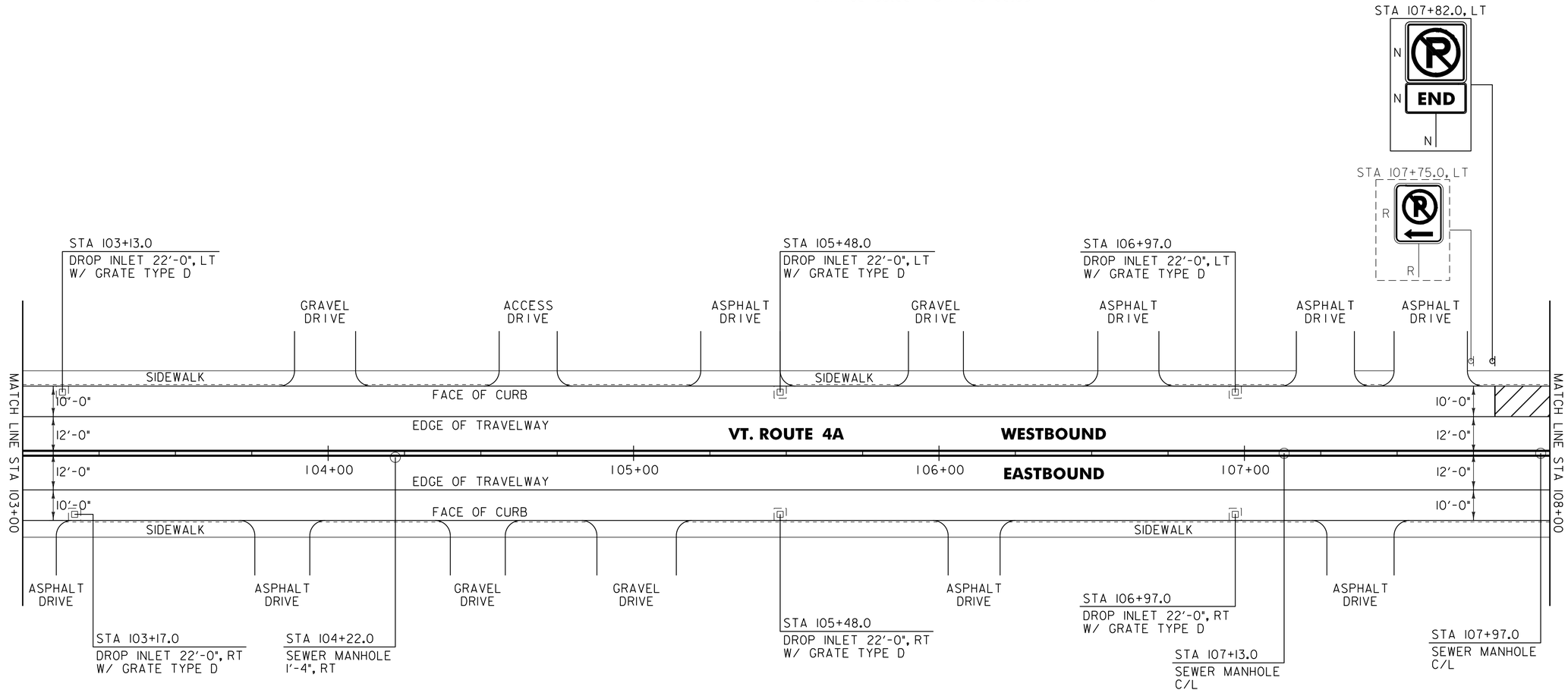
FAIR HAVEN:	LT	℄	RT
STA 103+00.00 - STA 108+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 103+00.00 - STA 108+00.00 LT & RT
STA 107+82.00 - STA 108+00.00 NO PARKING ZONE,LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 103+00.00 - STA 108+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 1



604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)

FAIR HAVEN:
STA 103+13.0 LT
STA 103+17.0 RT
STA 105+48.0 LT
STA 105+48.0 RT
STA 106+97.0 LT
STA 106+97.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

FAIR HAVEN:
STA 104+22.0 RT
STA 107+13.0 C/L
STA 107+97.0 C/L

NOTE:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

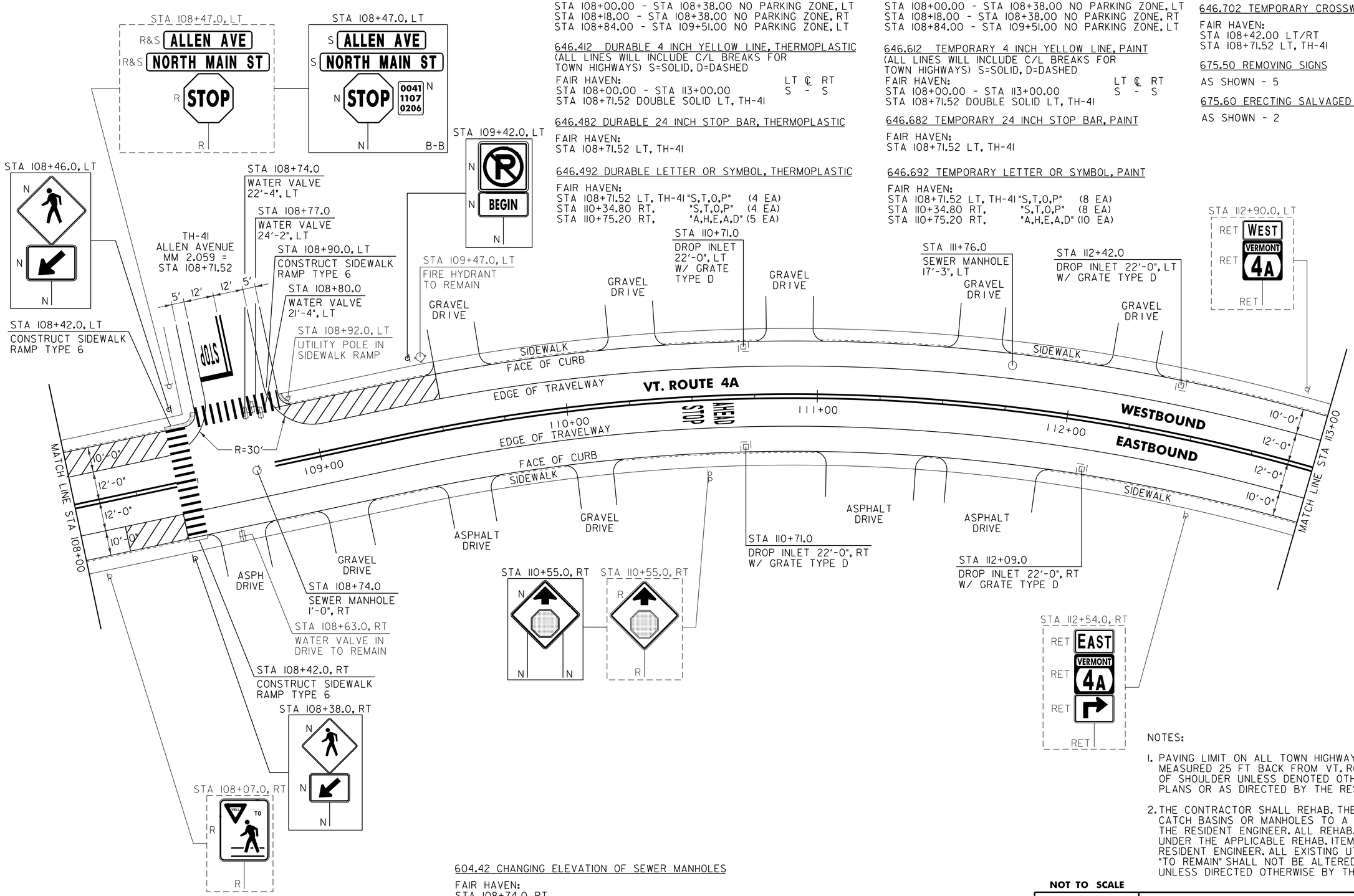
NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

PROJECT LAYOUT SHEET #12

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(1)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c0601012.i
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 99 OF 157



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

FAIR HAVEN:
STA 108+00.00 - STA 113+00.00 LT & RT
STA 108+00.00 - STA 108+38.00 NO PARKING ZONE, LT
STA 108+18.00 - STA 108+38.00 NO PARKING ZONE, RT
STA 108+84.00 - STA 109+51.00 NO PARKING ZONE, LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT ℄ RT
STA 108+00.00 - STA 113+00.00	S - S
STA 108+71.52 DOUBLE SOLID LT, TH-41	

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

FAIR HAVEN:
STA 108+71.52 LT, TH-41

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

FAIR HAVEN:
STA 108+71.52 LT, TH-41 "S,T,O,P" (4 EA)
STA 110+34.80 RT, "S,T,O,P" (4 EA)
STA 110+75.20 RT, "A,H,E,A,D" (5 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

FAIR HAVEN:
STA 108+00.00 - STA 113+00.00 LT & RT
STA 108+00.00 - STA 108+38.00 NO PARKING ZONE, LT
STA 108+18.00 - STA 108+38.00 NO PARKING ZONE, RT
STA 108+84.00 - STA 109+51.00 NO PARKING ZONE, LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT ℄ RT
STA 108+00.00 - STA 113+00.00	S - S
STA 108+71.52 DOUBLE SOLID LT, TH-41	

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

FAIR HAVEN:
STA 108+71.52 LT, TH-41

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

FAIR HAVEN:
STA 108+71.52 LT, TH-41 "S,T,O,P" (8 EA)
STA 110+34.80 RT, "S,T,O,P" (8 EA)
STA 110+75.20 RT, "A,H,E,A,D" (10 EA)

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC

FAIR HAVEN:
STA 108+42.00 LT/RT
STA 108+71.52 LT, TH-41

646.702 TEMPORARY CROSSWALK MARKING, PAINT

FAIR HAVEN:
STA 108+42.00 LT/RT
STA 108+71.52 LT, TH-41

675.50 REMOVING SIGNS

AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 2

604.412 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 2)

FAIR HAVEN:
STA 110+71.0 LT
STA 110+71.0 RT
STA 112+09.0 RT
STA 112+42.0 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

FAIR HAVEN:
STA 108+74.0 RT
STA 111+76.0 LT

629.20 ADJUST ELEVATION OF VALVE BOX

FAIR HAVEN:
STA 108+74.0 LT
STA 108+77.0 LT
STA 108+80.0 LT

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 4A EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

NOT TO SCALE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———————

PROJECT LAYOUT SHEET #13

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c0601013.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 100 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 113+00.00 - STA 116+50.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

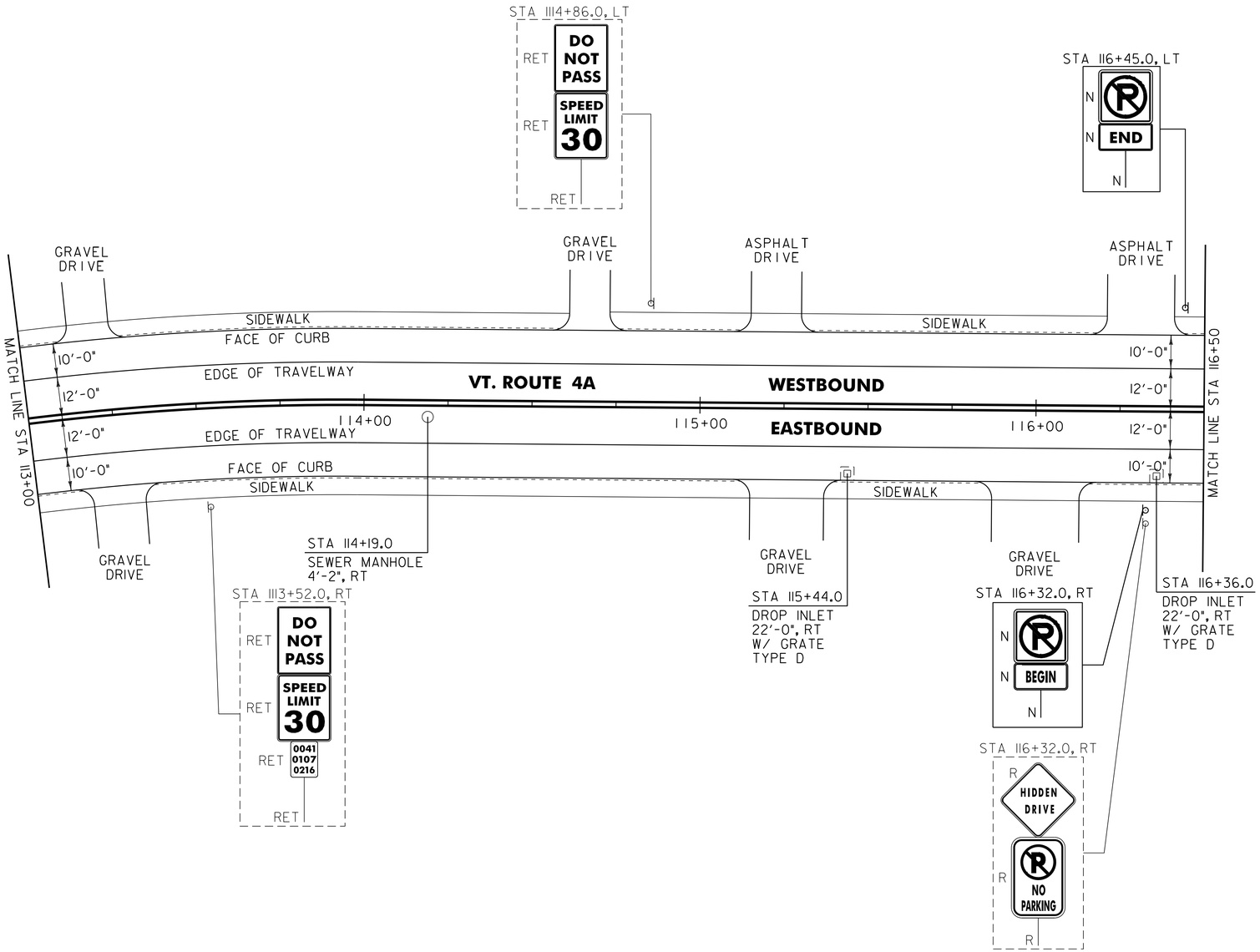
FAIR HAVEN:	LT	℄	RT
STA 113+00.00 - STA 116+50.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 113+00.00 - STA 116+50.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 113+00.00 - STA 116+50.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 2



NOTE:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)

FAIR HAVEN:
STA 115+44.0 RT
STA 116+36.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

FAIR HAVEN:
STA 114+19.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———————

NOT TO SCALE

PROJECT LAYOUT SHEET #14

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(1)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c0601014.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 101 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 116+50.00 - STA 122+00.00 LT & RT
STA 117+92.30 - STA 118+40.4 LT, RAISED ISLAND

FAIR HAVEN STATE HIGHWAY:
STA 0+46.30 - STA 0+85.60 RT, RAISED ISLAND

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 116+50.00 - STA 122+00.00 LT & RT
STA 117+92.30 - STA 118+40.4 LT, RAISED ISLAND

FAIR HAVEN STATE HIGHWAY:
STA 0+46.30 - STA 0+85.60 RT, RAISED ISLAND

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

FAIR HAVEN:
STA 117+72.0 LT, "S,T,O,P" (4 EA)
STA 118+21.0 LT, "S,T,O,P" (4 EA)
STA 118+30.0 RT, YIELD MARKING (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

FAIR HAVEN:
STA 117+72.0 LT, "S,T,O,P" (8 EA)
STA 118+21.0 LT, "S,T,O,P" (8 EA)
STA 118+30.0 RT, YIELD MARKING (8 EA)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 116+50.00 - STA 122+00.00	S	-	S
STA 117+73.0 - STA 118+40.0 C/L RAISED ISLAND			

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 116+50.00 - STA 122+00.00	S	-	S
STA 117+73.0 - STA 118+40.0 C/L RAISED ISLAND			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC

FAIR HAVEN:
STA 117+45.0 - STA 117+73.0 C/L, RAISED ISLAND
STA 118+40.0 - STA 118+68.6 C/L, RAISED ISLAND
STA 118+40.0 - STA 118+68.6 LT, RAISED ISLAND

FAIR HAVEN STATE HIGHWAY:
STA 0+19.90 - STA 0+46.30 RT, RAISED ISLAND

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

FAIR HAVEN:
STA 117+45.0 - STA 117+73.0 C/L, RAISED ISLAND
STA 118+40.0 - STA 118+68.6 C/L, RAISED ISLAND
STA 118+40.0 - STA 118+68.6 LT, RAISED ISLAND

FAIR HAVEN STATE HIGHWAY:
STA 0+19.90 - STA 0+46.30 RT, RAISED ISLAND

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

FAIR HAVEN:
STA 117+80.0 LT
STA 118+13.0 LT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

FAIR HAVEN:
STA 117+80.0 LT
STA 118+13.0 LT

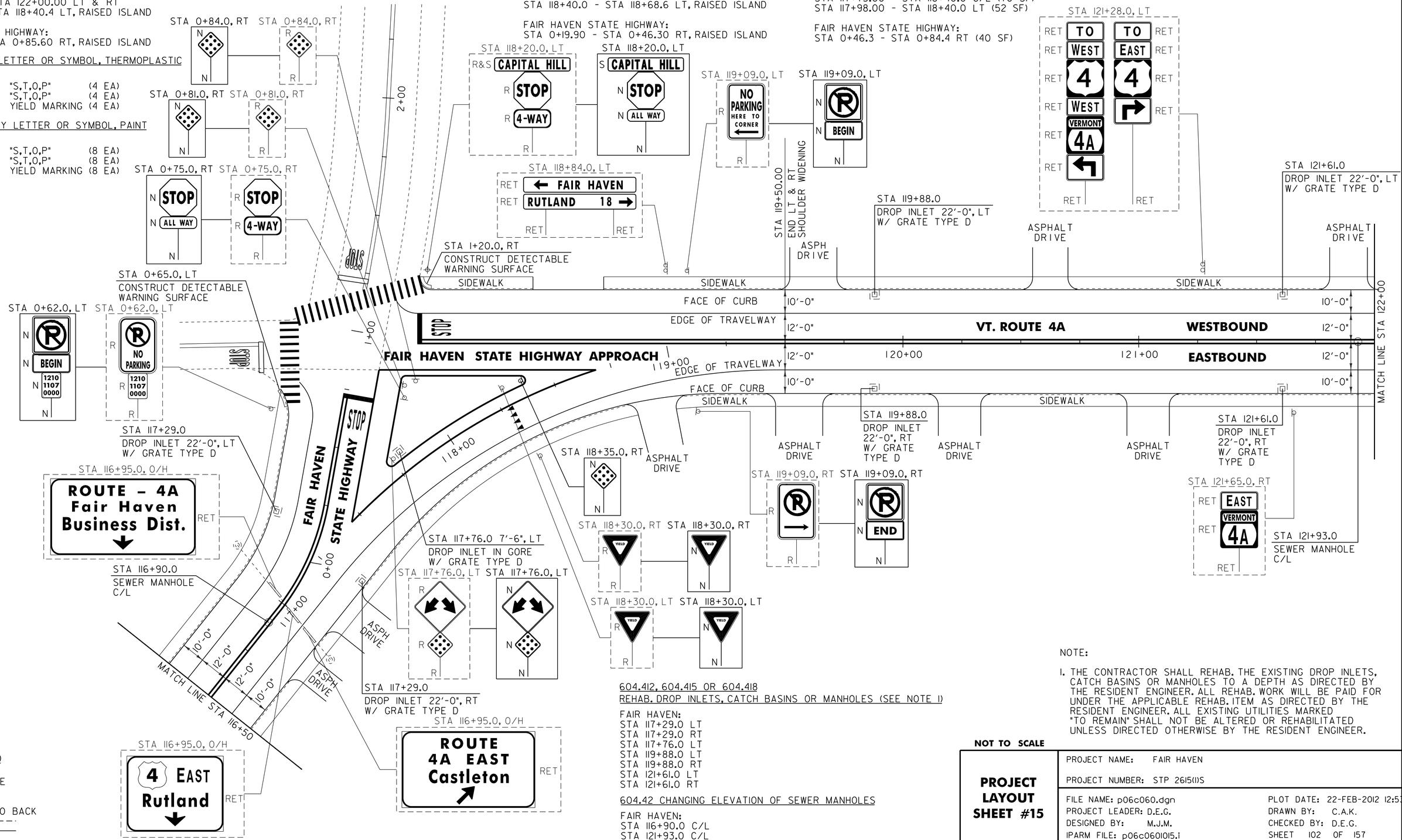
646.81 PAINTED CURB

FAIR HAVEN:
STA 117+73.00 - STA 118+40.0 C/L (70 SF)
STA 117+98.00 - STA 118+40.0 LT (52 SF)

FAIR HAVEN STATE HIGHWAY:
STA 0+46.3 - STA 0+84.4 RT (40 SF)

675.50 REMOVING SIGNS
AS SHOWN - 15

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



604.412, 604.415 OR 604.418
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)

FAIR HAVEN:
STA 117+29.0 LT
STA 117+29.0 RT
STA 117+76.0 LT
STA 119+88.0 LT
STA 119+88.0 RT
STA 121+61.0 LT
STA 121+61.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

FAIR HAVEN:
STA 116+90.0 C/L
STA 121+93.0 C/L

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOTE:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #15

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c0601015.i
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 102 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 122+00.00 - STA 127+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 122+00.00 - STA 127+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 122+00.00 - STA 127+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

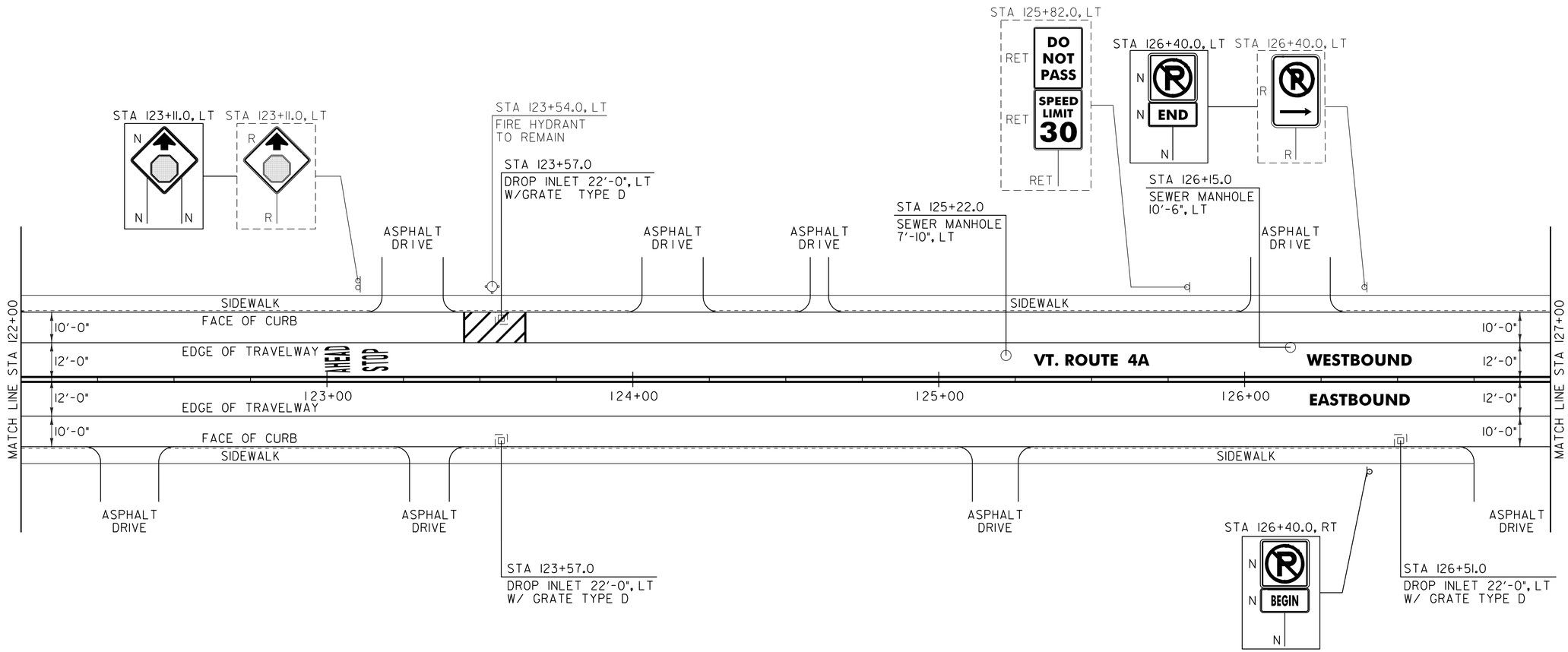
FAIR HAVEN:	LT	℄	RT
STA 122+00.00 - STA 127+00.00	S	-	S

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
FAIR HAVEN:
STA 123+48.00 - STA 123+60.00 LT, NO PARKING

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
FAIR HAVEN:
STA 122+90.80 LT, "S,T,O,P" (4 EA)
STA 123+31.20 LT, "A,H,E,A,D" (5 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
FAIR HAVEN:
STA 122+90.80 LT, "S,T,O,P" (8 EA)
STA 123+31.20 LT, "A,H,E,A,D" (10 EA)

675.50 REMOVING SIGNS
AS SHOWN - 2



604.412, ~~604.415~~ OR ~~604.418~~
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 2)
FAIR HAVEN:
STA 123+57.0 LT
STA 123+57.0 RT
STA 126+51.0 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
FAIR HAVEN:
STA 125+22.0 LT
STA 126+15.0 LT

NOTES:

1. SEE SHEET 10 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

NOT TO SCALE

PROJECT LAYOUT SHEET #16

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c0601016.i
PLOT DATE: 22-FEB-2012 12:54
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 103 OF 157

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 127+00.00 - STA 130+36.32 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

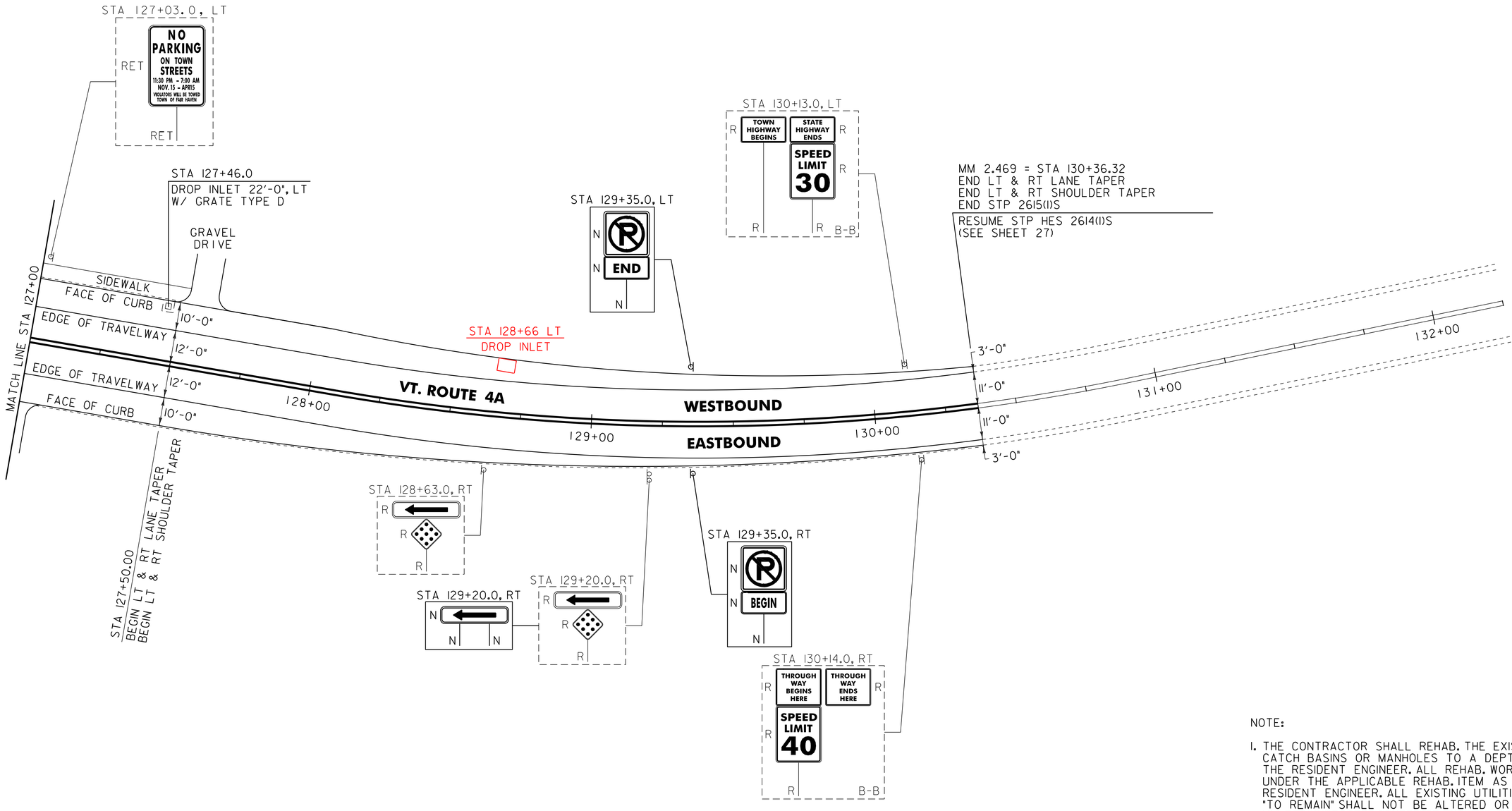
FAIR HAVEN:	LT	℄	RT
STA 127+00.00 - STA 130+36.32	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
FAIR HAVEN:
STA 127+00.00 - STA 130+36.32 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

FAIR HAVEN:	LT	℄	RT
STA 127+00.00 - STA 130+36.32	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 10



NOTE:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

604.412, ~~604.415~~ OR ~~604.418~~
REHAB. DROP INLETS, CATCH BASINS OR MANHOLES (SEE NOTE 1)

FAIR HAVEN:
STA 127+46.0 LT STA 128+66 LT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #17

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(1)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c0601017.i
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 104 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: 56+00.0, LT	SPEED LIMIT 30	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
	DO NOT PASS	1	24	30	5.00																												SIGN ID CODE R4-1		E-141
57+75.0, RT	CEDAR ST / PROSPECT ST						1 1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 0041 1107 0109	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
59+03.0, LT	GROVE ST						1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1107 0112	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
65+97.0, RT	PLEASANT ST / PROSPECT ST						1 1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 0041 1107 0123	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
68+28.0, RT	SPEED LIMIT 30	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
	DO NOT PASS	1	24	30	5.00																												SIGN ID CODE R4-1		E-141
71+75.0, RT	JCT						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
	VERMONT 22A						1																										SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
												LF	LF	LF	LF	LF 84	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 40.01	SF	EA. 7	SF							LF			LF 84					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060tss01.i

PLOT DATE: 22-FEB-2012 12:54
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 105 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: 73+50.0, RT		1	36	36	9.00						2					X		X															SIGN ID CODE W3-1A		E-150
74+60.0, LT	PROSPECT ST / ADAMS ST						1 1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
		1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
78+74.0, RT		1	30	30	6.25						1					X		X															SIGN ID CODE R1-1		E-143
78+80.0, LT		1	30	30	6.25						1					X		X															SIGN ID CODE R1-1		E-143
79+18.0, RT	SOUTH MAIN ST / PROSPECT ST						1 1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
84+55.0, LT	MARBLE ST						1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
85+22.0, RT	RIVER ST						1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
												LF	LF	LF	LF	LF 112	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 41.51	SF	EA. 6	SF							LF			LF 112				LB	EA.	LB						EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(1)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060tss02.i

PLOT DATE: 22-FEB-2012 12:54
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 106 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: 86+73.0, LT		1	30	30	6.25						1					X		X															SIGN ID CODE VR-921		E-145A
87+79.0, RT		1	30	30	6.25																												SIGN ID CODE RI-1 PROPOSED SIGN SHALL BE MOUNTED TO THE BUILDING USING THE EXISTING MOUNTING BRACKETS.		E-143
89+56.0, RT		1	30	30	6.25						1					X		X															SIGN ID CODE W11-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
		1	24	12	2.00																												SIGN ID CODE W16-7p SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
89+64.0, LT	SOUTH PARK PL						1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
92+14.0, RT	MAPLE ST						1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		1 1	36 36	12 12	3.00 3.00																												BACK-TO-BACK SIGN ID CODE R6-1R SIGN ID CODE R6-1L		E-142 E-142
		1	6	10	0.42																												SIGN ID CODE VD-700		E-138
95+37.0, LT	36x36x36	1			3.90						1					X		X															SIGN ID CODE R1-2		E-146
95+64.0, RT		1	30	30	6.25						1					X		X															SIGN ID CODE W11-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
		1	24	12	2.00																												SIGN ID CODE W16-7p SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
												LF	LF	LF	LF	LF 84	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 45.99	SF	EA. 2	SF							LF			LF 84					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060tss03.i

PLOT DATE: 22-FEB-2012 12:54
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 107 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: 95+82.0, LT		1	30	30	6.25						1					X		X														SIGN ID CODE W11-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
		1	24	12	2.00																											SIGN ID CODE W16-7p SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
96+81.0, RT		1	24	24	4.00						1					X		X														SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																											SIGN ID CODE M4-11		E-140
107+82.0, LT		1	24	24	4.00						1					X		X														SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																											SIGN ID CODE M4-6		E-140
108+38.0, RT		1	30	30	6.25						1					X		X														SIGN ID CODE W11-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
		1	24	12	2.00																											SIGN ID CODE W16-7p SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
108+46.0, LT		1	30	30	6.25						1					X		X														SIGN ID CODE W11-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
		1	24	12	2.00																											SIGN ID CODE W16-7p SIGN SHALL BE FLUORESCENT YELLOW GREEN.		E-152
TOTALS		SF 36.75	SF	EA.	SF		LF	LF	LF	LF 70									EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #4

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060tss04.i

PLOT DATE: 22-FEB-2012 12:54
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 108 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.16	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
FAIR HAVEN: 108+47.0, LT	ALLEN AVE / NORTH MAIN ST						1 1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 0041 1107 0206	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		E-143 E-138
109+42.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																											SIGN ID CODE M4-11		E-140
110+55.0, RT		1	36	36	9.00						2					X		X															SIGN ID CODE W3-1A		E-150
116+32.0, RT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																											SIGN ID CODE M4-11		E-140
116+45.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																											SIGN ID CODE M4-6		E-140
117+76.0, LT		1	24	24	4.00						1					X		X															SIGN ID CODE W12-1		E-151
		1	18	18	2.25																											SIGN ID CODE OM1-1		E-150
												LF	LF	LF	LF	LF 98	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
TOTALS		SF 39.92	SF	EA. 2	SF							LF			LF 98					LB			EA.	LB				EA.	EA.	LB				

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

TRAFFIC SIGN SUMMARY SHEET #5

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060tss05.i

PLOT DATE: 22-FEB-2012 12:54
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 109 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.16	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
FAIR HAVEN: 118+20.0, LT	CAPITAL HILL						1				1					X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP	1	30	30	6.25																											SIGN ID CODE R1-1		E-143
	ALL WAY	1	18	6	0.75																											SIGN ID CODE R1-4	114	
118+30.0, LT	YIELD 36x36x36	1			3.90						1					X		X															SIGN ID CODE R1-2		E-146
118+30.0, RT	YIELD 36x36x36	1			3.90						1					X		X															SIGN ID CODE R1-2		E-146
118+35.0, LT		1	18	18	2.25						1					X		X															SIGN ID CODE OM1-1		E-150
119+09.0, LT		1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																											SIGN ID CODE M4-11		E-140
119+09.0, RT		1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																											SIGN ID CODE M4-6		E-140
123+11.0, LT		1	36	36	9.00						2					X		X															SIGN ID CODE W3-1A		E-150
												LF	LF	LF	LF	LF 112	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
TOTALS		SF 38.05	SF	EA. 1	SF							LF			LF 112					LB			EA.	LB				EA.	EA.	LB				

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

TRAFFIC SIGN SUMMARY SHEET #6

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060tss06.i

PLOT DATE: 22-FEB-2012 12:54
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 110 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.88	2.16	3.35						1.3	1.7	1.7		7.6	9.0	10.8	14.6								
FAIR HAVEN: 126+40.0, LT	R1-1	1	24	24	4.00						1		X					X														SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																											SIGN ID CODE M4-6		E-140
126+40.0, RT	R1-1	1	24	24	4.00						1		X					X														SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																											SIGN ID CODE M4-11		E-140
129+35.0, LT	R1-1	1	24	24	4.00						1		X					X														SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																											SIGN ID CODE M4-6		E-140
129+35.0, RT	R1-1	1	24	24	4.00						1		X					X														SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																											SIGN ID CODE M4-11		E-140
												LF	LF	LF	LF	LF 84	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 32.00	SF	EA.	SF							LF			LF 84					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #7

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060tss07.i

PLOT DATE: 22-FEB-2012 12:54
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 111 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 8

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN STATE HIGHWAY: 0+62.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																												SIGN ID CODE M4-11		E-140
	1210 1107 0000	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
0+75.0, RT	STOP	1	30	30	6.25						1					X		X															SIGN ID CODE RI-1		E-143
	ALL WAY	1	18	6	0.75																												SIGN ID CODE RI-4	114	
0+81.0, RT		1	18	18	2.25						1					X		X															SIGN ID CODE OMI-1		E-150
0+84.0, RT		1	18	18	2.25						1					X		X															SIGN ID CODE OMI-1		E-150

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 9

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
															1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
	SHEET 105 SUBTOTAL				40.01		7									84																			
	SHEET 106 SUBTOTAL				41.51		6									112																			
	SHEET 107 SUBTOTAL				45.99		2									84																			
	SHEET 108 SUBTOTAL				36.75		-									70																			
	SHEET 109 SUBTOTAL				39.92		2									98																			
	SHEET 110 SUBTOTAL				38.05		1									112																			
	SHEET 111 SUBTOTAL				32.00		-									84																			
	SHEET 112 SUBTOTAL				17.92		-									56																			
	SUBTOTAL				292.15		18									700																			
	ROUNDING				0.85		-									25																			
												LF	LF	LF	LF	LF 725	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 293	SF	EA. 18	SF				LF			LF 725					LB			EA.	LB				EA.	EA.	LB					

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

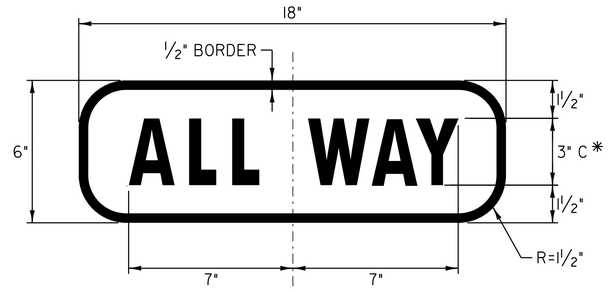
TRAFFIC SIGN SUMMARY SHEET #9

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060tss09.i

PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 113 OF 157



COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)
RED BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-143

LOCATION: VT. ROUTE 4A
FAIR HAVEN:
STA 118+20.0, LT

FAIR HAVEN STATE HIGHWAY:
STA 0+75.0, RT

* 20% REDUCED SPACING

NOT TO SCALE

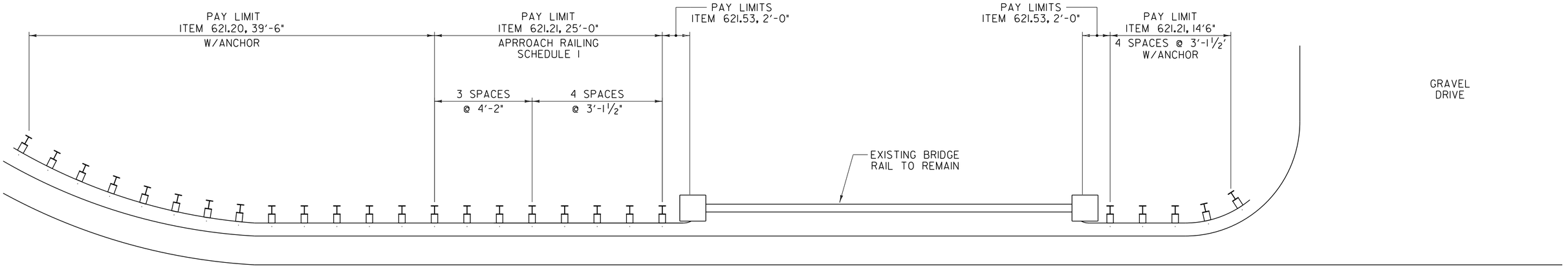
TRAFFIC SIGN DETAIL SHEET

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060md.i

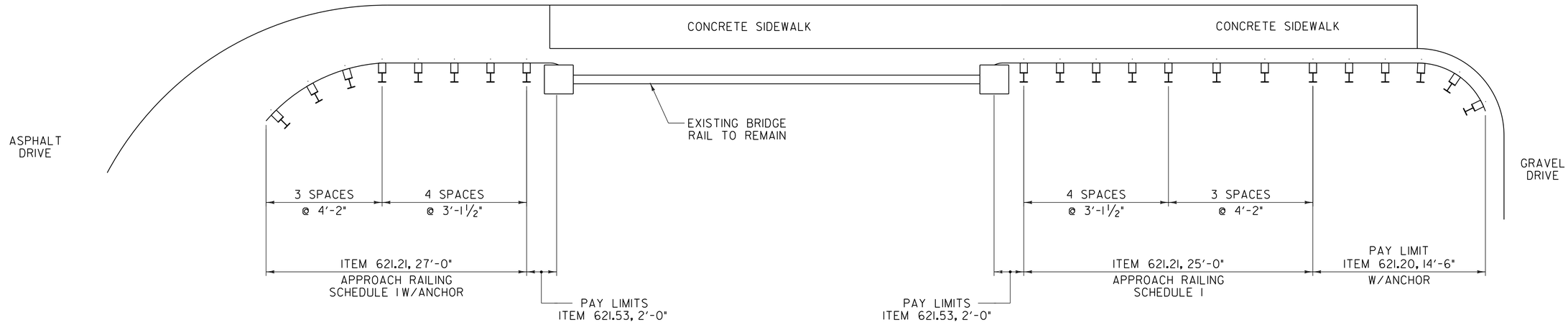
PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 114 OF 157



VT. ROUTE 4A

WESTBOUND

EASTBOUND



BR 1 FAIR HAVEN MM 1.516 = STA 80+40.48

NOT TO SCALE

NOTE:

1. SEE VAOT STANDARD SHEET G-16 FOR TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL INSTALLATION DETAILS.

BRIDGE DETAIL SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP 2615(11)S

FILE NAME: p06c060.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c060br1.i

PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 115 OF 157

INDEX OF SHEETS
SEE SHEET 2

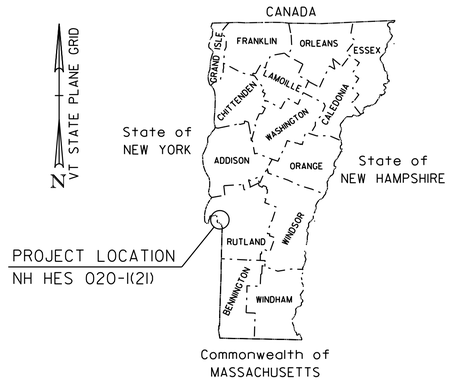
STATE OF VERMONT
AGENCY OF TRANSPORTATION

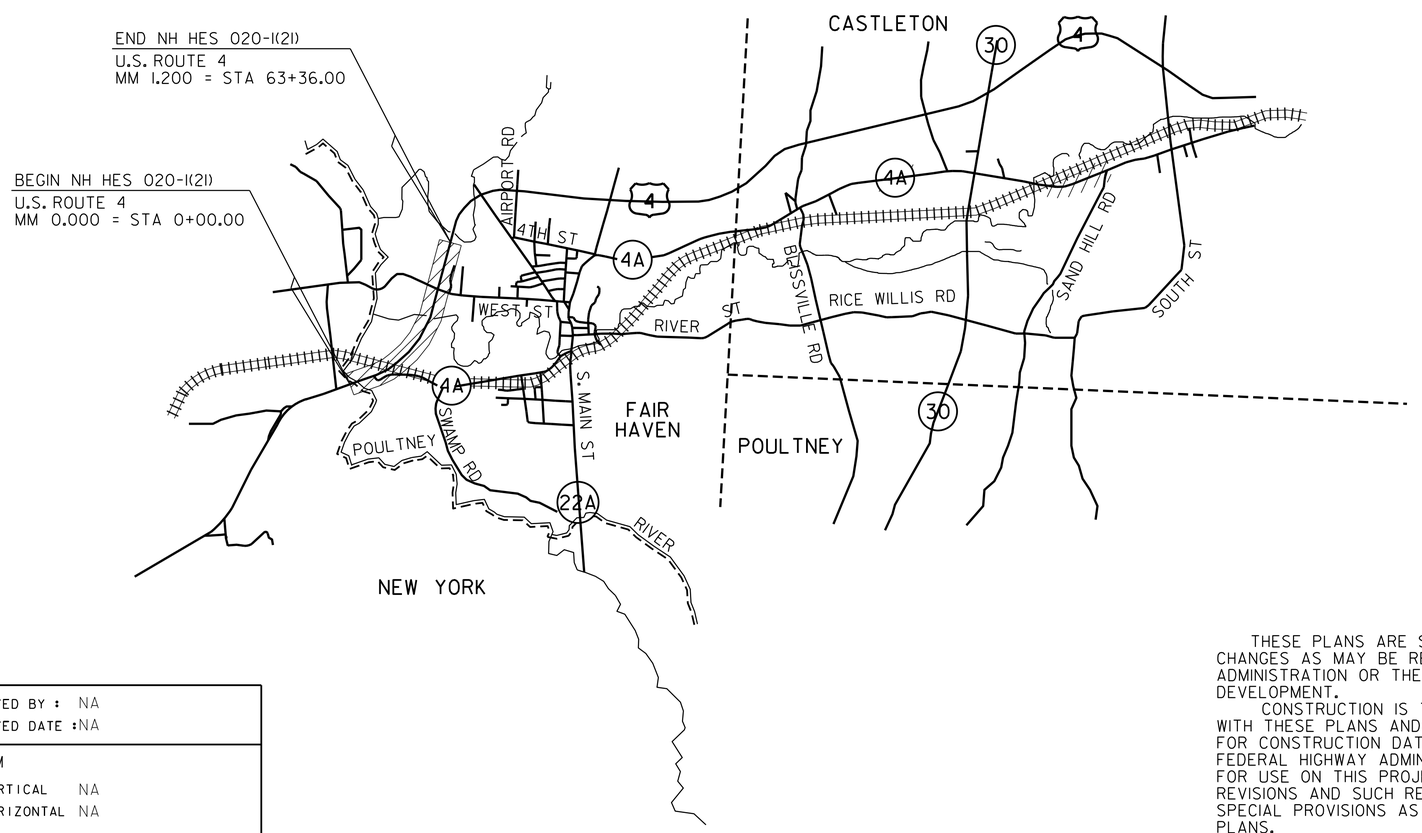
PROPOSED IMPROVEMENT
TOWN OF FAIR HAVEN
COUNTY OF RUTLAND
U.S. ROUTE 4

BEGINNING AT THE NEW YORK / VERMONT STATE LINE ON U.S. ROUTE 4 AT MILE MARKER 0.000 = STA 0+00.00
AND EXTENDING EASTERLY FOR A DISTANCE OF 6336 FEET (1.200 MILE) TO A POINT IN THE TOWN
OF FAIR HAVEN AT MILE MARKER 1.200 = STA 63+36.00.

LENGTH OF ROADWAY 6336 FT (1.200 MILES)
LENGTH OF PROJECT 6336 FT (1.200 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING THE EXISTING HIGHWAY WITH A SHIM/LEVELING COURSE AND WEARING COURSE, REMOVING THE EXISTING JUG HANDLE PAVEMENT AND NARROWING THE WESTBOUND TRAVEL LANES TO ONE LANE PRIOR TO THE INTERSECTION OF VT. ROUTE 4A, PROVIDING A LEFT-TURN LANE FOR WESTBOUND TRAFFIC ONTO VT. ROUTE 4A, NEW PAVEMENT MARKINGS, GUARDRAIL ADJUSTMENTS, NEW SIGNS AND INCIDENTAL ITEMS.





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 (SR SR SR)
TOP OF CUT
TOE OF SLOPE

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

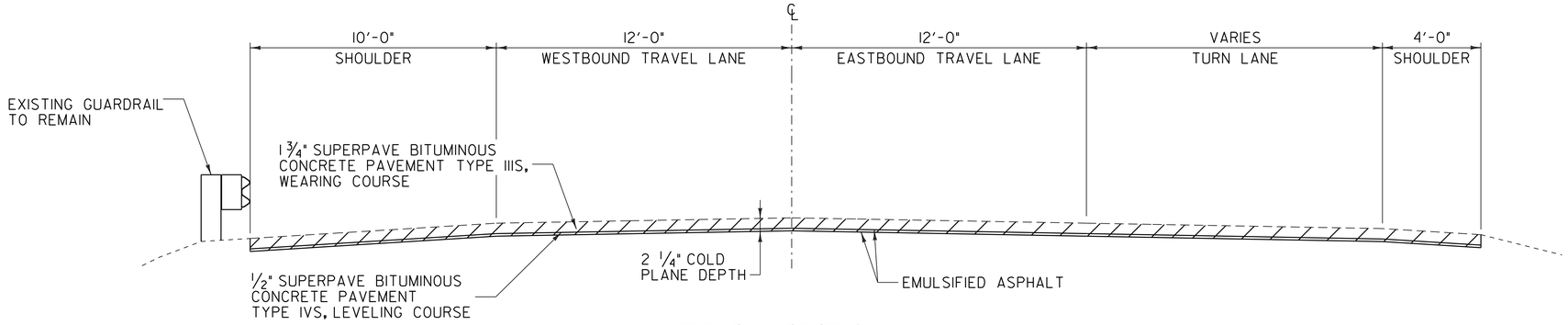
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 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.

PROJECT MANAGER : TED DOMEY

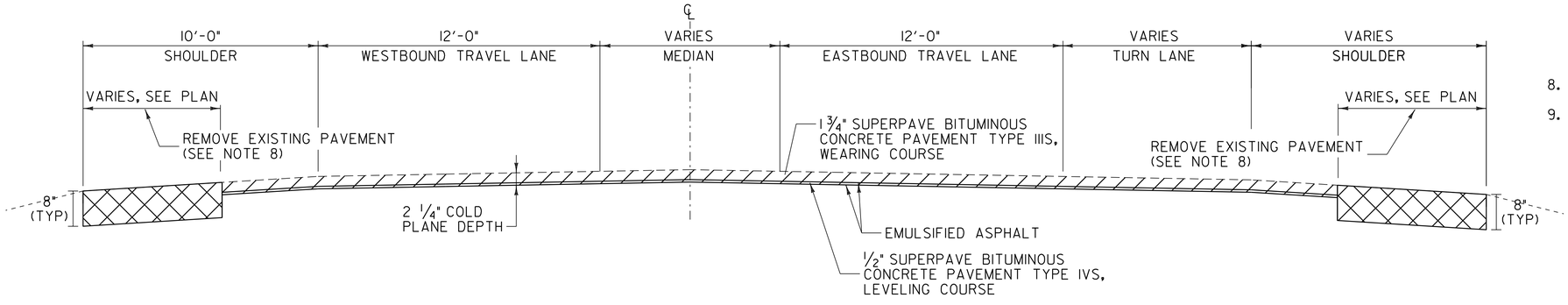
PROJECT NAME : FAIR HAVEN
PROJECT NUMBER : NH HES 020-1(21)

SHEET 116 OF 157 SHEETS



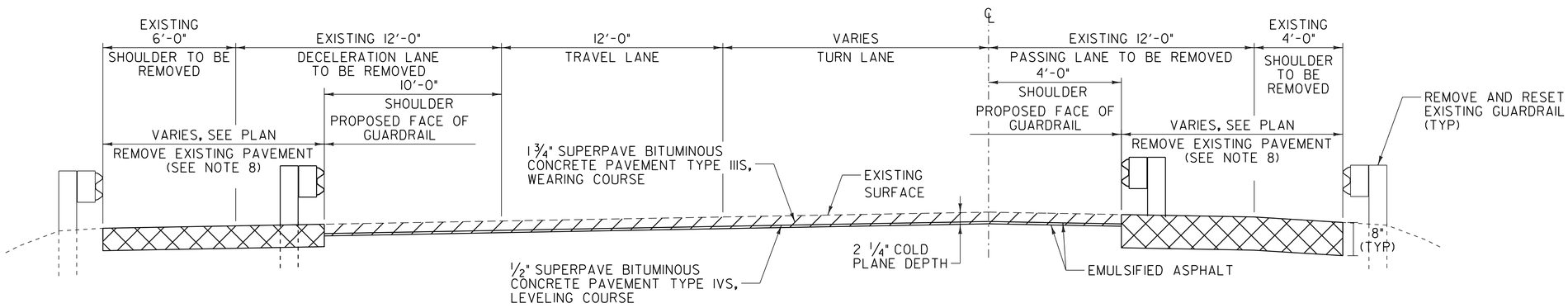
TYPICAL SECTION

U.S. ROUTE 4 FAIR HAVEN STA 0+61.00 TO FAIR HAVEN STA 4+02.00



TYPICAL SECTION

U.S. ROUTE 4 FAIR HAVEN STA 4+02.00 TO FAIR HAVEN STA 6+65.00



TYPICAL SECTION

U.S. ROUTE 4 FAIR HAVEN STA 10+75.00 TO FAIR HAVEN STA 12+85.00

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
FAIR HAVEN:						
U.S. ROUTE 4	0+61.00	4+02.00	VARIES - SEE LAYOUT	1¾"	52	COLD PLANE 2¼", LEVEL½" TYPE IVS & PAVE 1¾" TYPE IIIS
U.S. ROUTE 4	4+02.00	6+65.00	VARIES - SEE LAYOUT	1¾"	419	COLD PLANE 2¼", LEVEL½" TYPE IVS & PAVE 1¾" TYPE IIIS
U.S. ROUTE 4	6+65.00	9+46.00	VARIES - SEE LAYOUT	1¾"	431	COLD PLANE 2¼", LEVEL½" TYPE IVS & PAVE 1¾" TYPE IIIS
U.S. ROUTE 4	9+46.00	10+75.00	VARIES - SEE LAYOUT	1¾"	31	COLD PLANE 2¼", LEVEL½" TYPE IVS & PAVE 1¾" TYPE IIIS
U.S. ROUTE 4	10+75.00	12+85.00	VARIES - SEE LAYOUT	1¾"	22	COLD PLANE 2¼", LEVEL½" TYPE IVS & PAVE 1¾" TYPE IIIS
U.S. ROUTE 4	12+85.00	25+10.00	VARIES - SEE LAYOUT	1¾"	111	COLD PLANE 2¼", LEVEL½" TYPE IVS & PAVE 1¾" TYPE IIIS
U.S. ROUTE 4	25+10.00	~~32+20~~.00 32+27	VARIES - SEE LAYOUT	1¾"	87	COLD PLANE 2¼", LEVEL½" TYPE IVS & PAVE 1¾" TYPE IIIS

NOTES

1. THE WEARING COURSE SHALL BE TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- ¼" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. COLD PLANING SHALL BE COMPLETED AS NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP.
6. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
7. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I OR ITEM 608.15 POWER GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.
8. SEE SHEET 119 FOR PAVEMENT REMOVAL DETAILS.
9. THE CONTRACTOR SHALL UTILIZE ALL AVAILABLE DITCHING MATERIAL TO FILL IN THE AREAS OF PAVEMENT REMOVAL AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ANY ADDITIONAL MATERIAL NEEDED SHALL BE PAID FOR UNDER ITEM 203.30 EARTH BORROW OR AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY OF 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS DEEMED NOT SUITABLE BY THE RESIDENT ENGINEER OR A LARGER QUANTITY OF MATERIAL IS NEEDED.

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE

% WT.	LBS./A.	NAME	PUR. %	GERM. %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

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

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

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

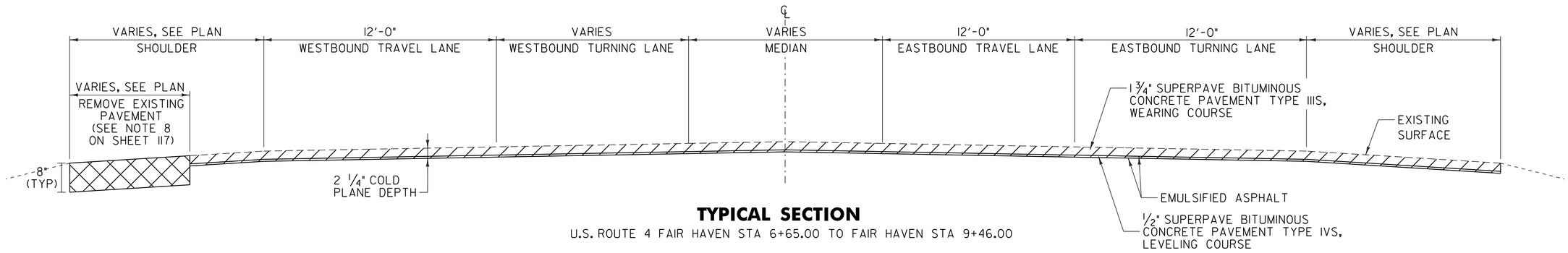
TYPICAL SECTION SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

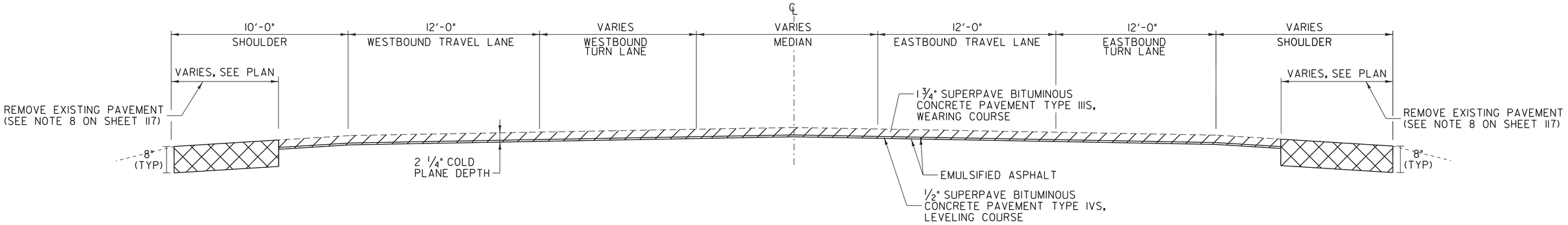
FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234typ1.i

PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 117 OF 157



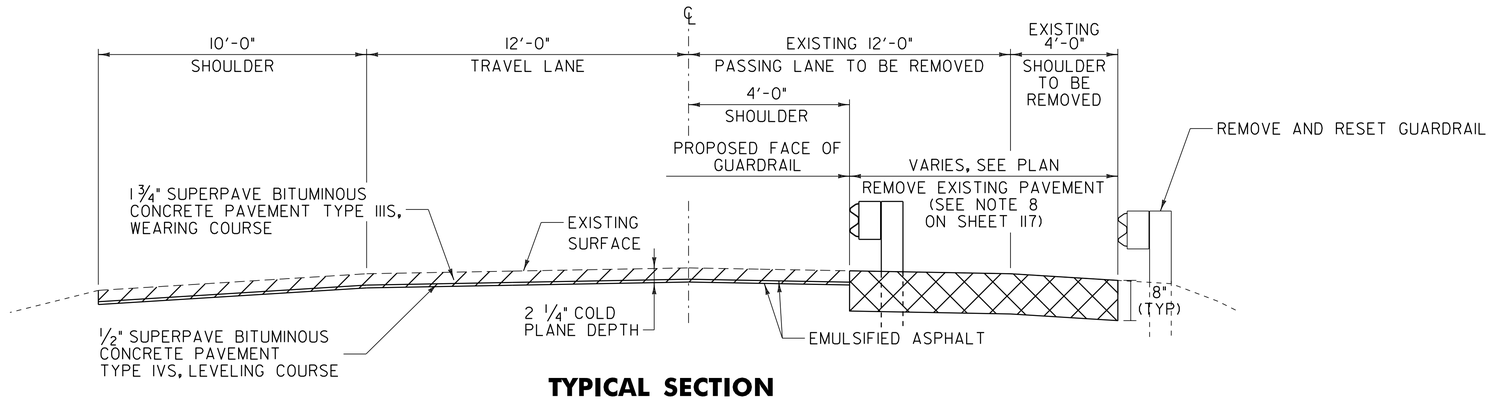
TYPICAL SECTION

U.S. ROUTE 4 FAIR HAVEN STA 6+65.00 TO FAIR HAVEN STA 9+46.00



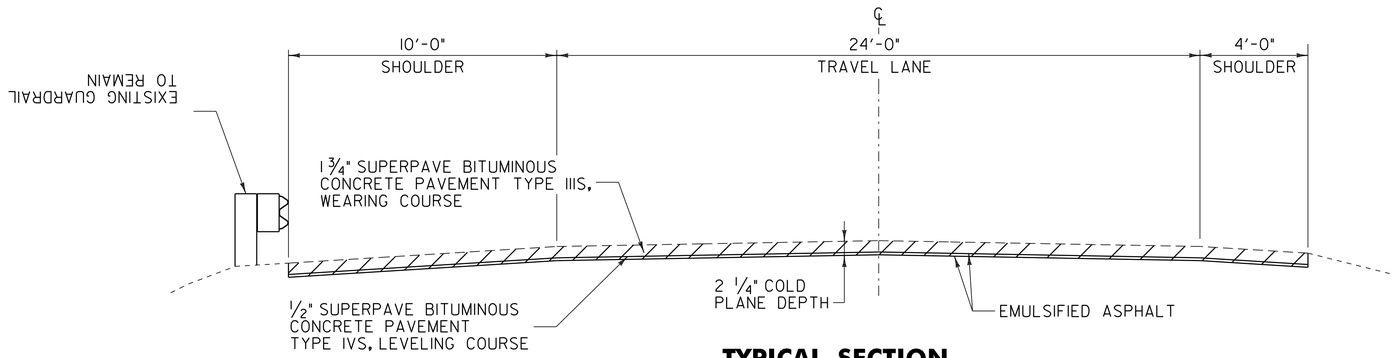
TYPICAL SECTION

U.S. ROUTE 4 FAIR HAVEN STA 9+46.00 TO FAIR HAVEN STA 10+75.00



TYPICAL SECTION

U.S. ROUTE 4 FAIR HAVEN STA 12+85.00 TO FAIR HAVEN STA 25+10.00



TYPICAL SECTION

U.S. ROUTE 4 FAIR HAVEN STA 25+10.00 TO FAIR HAVEN STA 32+27 ~~32+20.00~~

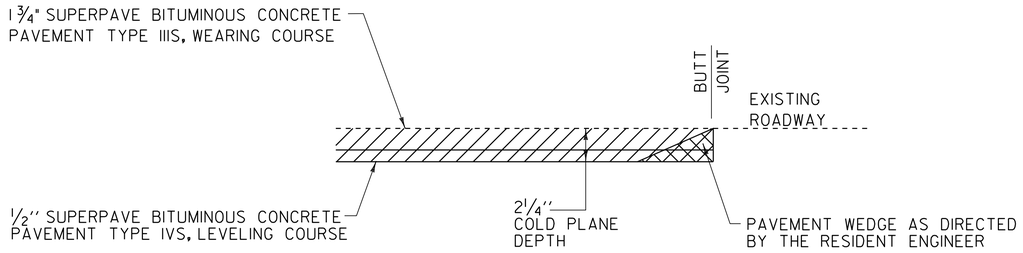
TYPICAL SECTION SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

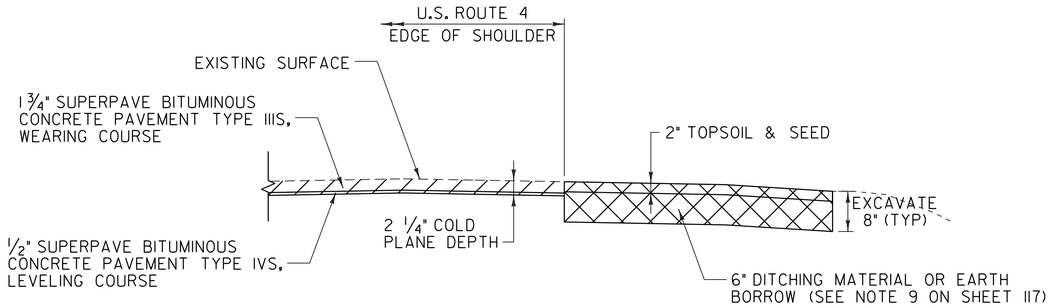
FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234typ2.i

PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 118 OF 157

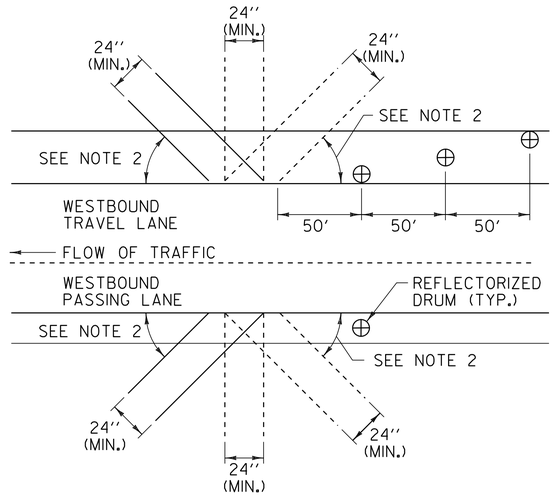


MAINLINE APPROACH AREA DETAIL LOCATION

U.S. ROUTE 4 FAIR HAVEN STA 0+61.00 - BEGINNING OF PROJECT
U.S. ROUTE 4 FAIR HAVEN STA ~~32+20.00~~ - END OF WESTBOUND WORK 32+27
U.S. ROUTE 4 FAIR HAVEN STA 10+75.00 - END OF EASTBOUND WORK
VT. ROUTE 4A FAIR HAVEN STA 2+15.00 - MATCH STP HES 2614(I)S



PAVEMENT REMOVAL DETAIL



BLEEDER DETAIL

NOTES:

1. BLEEDERS ARE TO BE CUT WHILE COLD PLANING AT LOCATIONS SPECIFIED BY THE RESIDENT ENGINEER.
2. ANGLE BLEEDERS TO BEST ACCEPT WATER FLOW.
3. CUT ALL BLEEDERS TO THE DEPTH OF COLD PLANING AND GRADE TO DRAIN. PAYMENT INCIDENTAL TO ITEM 210.10.
4. BLEEDERS ARE TO BE FILLED DURING PAVING WITH ITEM 490.30 OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. REFLECTORIZED DRUMS MUST BE PLACED AS SHOWN TO WARN MOTORISTS OF THE GAP IN THE SHOULDER.
6. BLEEDERS SHALL NOT BE REQUIRED IF THE COLD PLANED AREAS ARE PAVED BACK THE SAME DAY AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PAVING DETAILS SHEET

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. p06c058pd02.i

PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 119 OF 157

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

NH HES 020-1(21)

SUMMARY OF ESTIMATED QUANTITIES

EPSC	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO	ROUNDING
		3	3	EA	THINNING AND TRIMMING FOR SIGNS	201.31	
		840	840	CY	COMMON EXCAVATION	203.15	2.6
		555	555	CY	EARTH BORROW	203.30	4
		1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.
		40,800	40,800	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	29
		4800	4800	LF	MILLED RUMBLE STRIPS	213.10	75
		200	200	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	2.8
		10	10	TON	AGGREGATE SHOULDERS	402.12	5
		250	250	TON	AGGREGATE SHOULDERS, RAP	402.13	26
		170	170	CWT	EMULSIFIED ASPHALT	404.65	5
		1	1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
					BEGIN OPTION AA		
		4650	4650	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% RAP CONTENT)	490.30	20
		4650	4650	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% < RAP CONTENT < 15.0%)	490.30	20
		4650	4650	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	20
		4650	4650	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% <= RAP CONTENT <= 50.0%)	490.30	20
					END OPTION AA		
		1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	
		20	20	HR	POWER GRADER RENTAL	608.15	EST.
		10	10	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
		10	10	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
		15	15	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
		15	15	HR	TRUCK RENTAL	608.37	EST.
		25	25	HR	LOADER RENTAL, TYPE I	608.40	EST.
		200	200	LF	GRANITE SLOPE EDGING	616.20	
		145	145	LF	REMOVAL OF EXISTING CURB	616.41	4
		25	25	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1.8
		5	5	EA	YIELDING MARKER POSTS	619.17	EST.
		1	1	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	
		580	580	LF	REMOVE AND RESET GUARDRAIL	621.75	5
		40	40	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	2.5

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING BITUMINOUS PAVEMENT
39,538	SY	MAINLINE
1233	SY	APPROACHES
29	SY	ROUNDING
40,800	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
1153	TON	LEVELING COURSE (TYPE IVS)
3463	TON	WEARING COURSE (TYPE IIIS)
7	TON	BASE COURSE (TYPE IIS)
7	TON	BINDER COURSE (TYPE IIS)
20	TON	ROUNDING
4650	TON	TOTAL
		AGGREGATE SHOULDERS
5	TON	END SECTION
5	TON	ROUNDING
10	TON	TOTAL
		AGGREGATE SHOULDERS, RAP
224	TON	TREATED TIMBER CURB
26	TON	ROUNDING
250	TON	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234qsl.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 120 OF 157

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

NH HES 020-1(21)

SUMMARY OF ESTIMATED QUANTITIES

EPSC	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO	ROUNDING
		400	400	HR	UNIFORMED TRAFFIC OFFICERS	630.10	
		600	600	HR	FLAGGERS	630.15	
	0.33		0.33	LS	FIELD OFFICE, ENGINEERS	631.10	
	0.33		0.33	LS	TESTING EQUIPMENT, CONCRETE	631.16	
	0.33		0.33	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	
	0.2		0.2	LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	
		0.2	0.2	LS	MOBILIZATION / DEMOBILIZATION	635.11	
		1	1	LS	TRAFFIC CONTROL (NH HES 020-1(21))	641.10	
		3	3	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	
		400	400	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	34
		300	300	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	22
		7150	7150	LF	DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA	646.426	13
		4700	4700	LF	DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA	646.436	49
		20	20	LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	3
		550	550	LF	DURABLE 12 INCH WHITE LINE, RECESSED POLYUREA	646.466	13
		430	430	LF	DURABLE 12 INCH YELLOW LINE, RECESSED POLYUREA	646.476	15
		15	15	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	3
		19	19	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	
		800	800	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	EST.
		600	600	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	EST.
		14,200	14,200	LF	TEMPORARY 6 INCH WHITE LINE, PAINT	646.622	EST.
		9400	9400	LF	TEMPORARY 6 INCH YELLOW LINE, PAINT	646.632	EST.
		175	175	LF	TEMPORARY 12 INCH WHITE LINE, PAINT	646.662	EST.
		30	30	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	EST.
		38	38	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	EST.
		300	300	EA	LINE STRIPING TARGETS	646.76	EST.
		200	200	LF	PAINTED CURB	646.81	3
725			725	SY	GEOTEXTILE SILT FENCE	649.51	15
		50	50	LB	SEED	651.15	EST.
		400	400	LB	FERTILIZER	651.18	EST.
		2	2	TON	AGRICULTURAL LIMESTONE	651.20	EST.
		185	185	CY	TOPSOIL	651.35	1.1
1			1	LS	EPSC PLAN	652.10	
50			50	HR	MONITORING OF EPSC PLAN	652.20	EST.
1			1	LU	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	652.30	
8			8	EA	INLET PROTECTION DEVICE, TYPE I	653.40	
2650			2650	LF	PROJECT DEMARCATION FENCE	653.55	26

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234qs2.i

PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 121 OF 157

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

NH HES 020-1(21)

SUMMARY OF ESTIMATED QUANTITIES

EPSC	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO	ROUNDING
		220	220	SF	TRAFFIC SIGNS, TYPE A	675.20	0.73
		359	359	SF	TRAFFIC SIGNS, TYPE B	675.21	0.50
		3050	3050	LB	TUBULAR STEEL SIGN POST	675.33	9
		415	415	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	9
		11	11	EA	FOUNDATION FOR TUBULAR STEEL POST	675.43	
		54	54	EA	REMOVING SIGNS	675.50	
		2	2	EA	ERECTING SALVAGED SIGNS	675.60	
		1	1	EA	DELINEATOR WITH STEEL POST	676.10	
		1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	
		1	1	EA	SPECIAL PROVISION (REMOVE AND REPLACE FLASHING BEACON, AERIALLY MOUNTED)	900.620	
		2	2	EA	SPECIAL PROVISION (REMOVE EXISTING LIGHT POLE)	900.620	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234qs3.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 122 OF 157

ITEM DETAIL SUMMARY SHEET

LOCATION			MISCELLANEOUS											REMARKS
BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAVATION CY	203.30 EARTH BORROW CY	301.28 SUBBASE OF CRUSHED GRAVEL FINE GRADED TON	616.20 GRANITE SLOPE EDGING LF	616.41 REMOVAL OF EXSTING CURB LF	616.47 BIT. CONC. GUTTER & TRAFFIC ISLAND TON	621.50 MANUF. TERM. SECT., FLARED EA	621.75 REMOVE & RESET GUARDRAIL LF	621.80 REMOVAL & DISPOSAL GUARDRAIL LF	651.35 TOPSOIL CY	676.10 DELINEATOR W/STEEL POST EA	
U.S. ROUTE 4:														
4+02.0	12+85.0	LT	358.1	268.6								89.6		PAVEMENT REMOVAL ALONG U.S. ROUTE 4 JUG HANDLE IN FAIR HAVEN.
4+07.0	6+74.0	RT	28.3	21.2								7.1		PAVEMENT REMOVAL ALONG U.S. ROUTE 4 SHOULDER IN FAIR HAVEN.
6+12.0	6+93.0	RT	102.6		197.2	200.0	141.0	23.2						REMOVE EXISTING BITUMINOUS CONCRETE TRAFFIC ISLAND. CONSTRUCT NEW BITUMINOUS CONCRETE TRAFFIC ISLAND. SEE BITUMINOUS CONCRETE GUTTER AND TRAFFIC ISLAND DETAIL ON SHEET 146.
9+29.0	16+93.0	RT	177.4	133.1								44.4		PAVEMENT REMOVAL ALONG U.S. ROUTE 4 SHOULDER IN FAIR HAVEN.
10+87.0	12+87.0	LT								200.0				
11+70.0	15+82.5	RT							1	375.0	37.5		1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA 15+45.0 TO STA 15+82.5.
17+35.0	25+10.0	RT	171.0	128.3								42.8		PAVEMENT REMOVAL ALONG U.S. ROUTE 4 SHOULDER IN FAIR HAVEN.
ROUNDING:			2.6	3.8	2.8	-	4.0	1.8	-	5.0	2.5	1.1	-	
TOTAL:			840.0	555.0	200.0	200.0	145.0	25.0	1	580.0	40.0	185.0	1	

ITEM DETAIL SUMMARY SHEET

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ids.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 123 OF 157

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA

U.S. ROUTE 4:
STA 0+61.00 - STA 6+00.00 EDGE LINE C/L & RT
STA 0+61.00 - STA 3+50.00 DOTTED LINE RT
STA 3+50.00 - STA 4+91.58 SOLID LANE LINE RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

U.S. ROUTE 4:
STA 0+61.00 - STA 6+00.00 EDGE LINE C/L & RT
STA 0+61.00 - STA 3+50.00 DOTTED LINE RT
STA 3+50.00 - STA 4+91.58 SOLID LANE LINE RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA

U.S. ROUTE 4:
STA 0+61.00 - STA 3+50.00 DOUBLE SOLID RT
STA 3+50.00 - STA 6+00.00 DOUBLE SOLID MEDIAN RT

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT

U.S. ROUTE 4:
STA 0+61.00 - STA 3+50.00 DOUBLE SOLID RT
STA 3+50.00 - STA 6+00.00 DOUBLE SOLID MEDIAN RT

646.476 DURABLE 12 INCH YELLOW LINE, RECESSED POLYUREA

U.S. ROUTE 4:
STA 3+50.00 - STA 6+00.00 HATCHED MEDIAN RT (280 LF)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

U.S. ROUTE 4:
STA 3+54.00 RT, "O,N,L,Y" (4 EA)
STA 3+98.00 RT, ARROW (1 EA)
STA 4+42.00 RT, "O,N,L,Y" (4 EA)
STA 4+86.00 RT, ARROW (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

U.S. ROUTE 4:
STA 3+54.00 RT, "O,N,L,Y" (8 EA)
STA 3+98.00 RT, ARROW (2 EA)
STA 4+42.00 RT, "O,N,L,Y" (8 EA)
STA 4+86.00 RT, ARROW (2 EA)

646.466 DURABLE 12 INCH WHITE LINE, RECESSED POLYUREA

U.S. ROUTE 4:
STA 4+91.58 - STA 5+41.58 SOLID LANE LINE RT
STA 5+41.58 - STA 6+00.00 HATCHED GORE RT (52 LF)

646.662 TEMPORARY 12 INCH WHITE LINE, PAINT

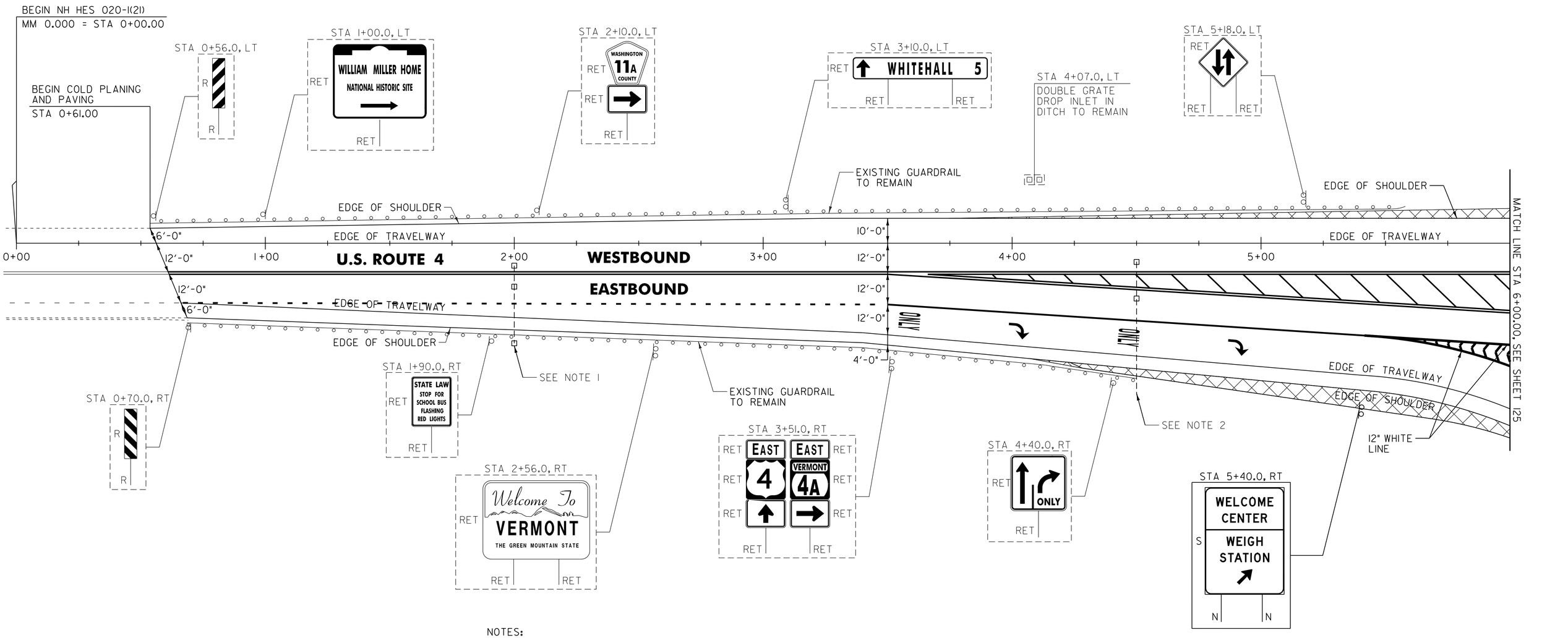
U.S. ROUTE 4:
STA 4+91.58 - STA 5+41.58 SOLID LANE LINE RT
STA 5+41.58 - STA 6+00.00 GORE AREA RT

675.50 REMOVING SIGNS

AS SHOWN - 3 (SEE NOTE 3)

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 1



NOTES:

1. THE CONTRACTOR MUST CONTACT VTRANS TO DISCONNECT EXISTING W.I.M. TRAFFIC RECORDER PAVEMENT SENSORS 10 DAYS PRIOR TO COLD PLANING.
2. THE CONTRACTOR MUST CONTACT VTRANS TO DISCONNECT EXISTING R.W.I.S. PAVEMENT SENSORS 10 DAYS PRIOR TO COLD PLANING.
3. THE CONTRACTOR SHALL REMOVE THE EXISTING EXIT 1 PANEL ATTACHED TO THE GUIDE SIGN LOCATED APPROXIMATELY 250 FT WEST OF THE NEW YORK / VERMONT STATE LINE.

LEGEND

REMOVAL OF EXISTING PAVEMENT

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

PROJECT LAYOUT SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b23410l.i

PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 124 OF 157

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA

U.S. ROUTE 4:
STA 6+00.00 - STA 7+06.16 EDGE LINE C/L
STA 6+00.00 - STA 6+15.87 EDGE LINE RT
STA 6+15.87 - STA 6+85.90 SOLID LANE LINE RT

U.S. ROUTE 4 WESTBOUND:
STA 7+06.16 - STA 11+00.00 EDGE LINE C/L
STA 7+21.50 - STA 9+00.00 SOLID LANE LINE RT
STA 9+00.00 - STA 11+00.00 DOTTED LANE LINE RT

U.S. ROUTE 4 EASTBOUND:
STA 7+43.50 - STA 10+75.00 EDGE LINE RT
STA 9+65.00 - STA 10+75.00 DOTTED LANE LINE RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

U.S. ROUTE 4:
STA 6+00.00 - STA 7+06.16 EDGE LINE C/L
STA 6+00.00 - STA 6+15.87 EDGE LINE RT
STA 6+15.87 - STA 6+85.90 SOLID LANE LINE RT

U.S. ROUTE 4 WESTBOUND:
STA 7+06.16 - STA 11+00.00 EDGE LINE C/L
STA 7+21.50 - STA 9+00.00 SOLID LANE LINE RT
STA 9+00.00 - STA 11+00.00 DOTTED LANE LINE RT

U.S. ROUTE 4 EASTBOUND:
STA 7+43.50 - STA 10+75.00 EDGE LINE RT
STA 9+65.00 - STA 10+75.00 DOTTED LANE LINE RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA

U.S. ROUTE 4:
STA 6+00.00 - STA 6+66.73 DOUBLE SOLID MEDIAN RT

U.S. ROUTE 4 WESTBOUND:
STA 7+45.08 - STA 11+00.00 EDGE LINE RT

U.S. ROUTE 4 EASTBOUND:
STA 7+45.08 - STA 10+75+00 EDGE LINE RT

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT

U.S. ROUTE 4:
STA 6+00.00 - STA 6+66.73 DOUBLE SOLID MEDIAN RT

U.S. ROUTE 4 WESTBOUND:
STA 7+45.08 - STA 11+00.00 EDGE LINE RT

U.S. ROUTE 4 EASTBOUND:
STA 7+45.08 - STA 10+75+00 EDGE LINE RT

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC

VT. ROUTE 4A:
STA 0+88.5 - STA 1+07.5 HATCHED MEDIAN RT (17 LF)

646.81 PAINTED CURB

VT. ROUTE 4:
STA 6+15.9 - STA 6+73.4 RT (60 LF)

VT. ROUTE 4A:
STA 0+83.3 - STA 1+33.1RT (52 LF)
STA 1+03.9 - STA 1+33.1RT (85 LF)

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

VT. ROUTE 4A:
STA 1+03.90 - STA 2+15.00 EDGE LINE RT
STA 1+30.00 - STA 1+90.00 SOLID LANE LINE RT
STA 0+83.00 - STA 1+90.00 SOLID LANE LINE RT
STA 1+27.00 - STA 2+15.00 EDGE LINE LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

VT. ROUTE 4A:
STA 1+03.90 - STA 2+15.00 EDGE LINE RT
STA 1+30.00 - STA 1+90.00 SOLID LANE LINE RT
STA 0+83.00 - STA 1+90.00 SOLID LANE LINE RT
STA 1+27.00 - STA 2+15.00 EDGE LINE LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

VT. ROUTE 4A:
STA 0+88.54 - STA 2+15.00 SOLID MEDIAN LT & RT
STA 1+03.90 - STA 1+30.00 EDGE LINE RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

VT. ROUTE 4A:
STA 0+88.54 - STA 2+15.00 SOLID MEDIAN LT & RT
STA 1+03.90 - STA 1+30.00 EDGE LINE RT

646.466 DURABLE 12 INCH WHITE LINE, RECESSED POLYUREA

U.S. ROUTE 4:
STA 6+00.00 - STA 6+15.87 HATCHED GORE RT (66 LF)

U.S. ROUTE 4 EASTBOUND:
STA 7+70.80 - STA 9+65.00 SOLID LANE LINE RT (195 LF)
STA 7+27.50 - STA 7+70.80 HATCHED GORE RT (106 LF)

646.662 TEMPORARY 12 INCH WHITE LINE, PAINT

U.S. ROUTE 4:
STA 6+00.00 - STA 6+15.87 GORE AREA RT (66 LF)

U.S. ROUTE 4 EASTBOUND:
STA 7+70.80 - STA 9+65.00 SOLID LANE LINE RT
STA 7+27.50 - STA 7+70.80 GORE AREA RT

646.476 DURABLE 12 INCH YELLOW LINE, RECESSED POLYUREA

U.S. ROUTE 4:
STA 6+00.00 - STA 6+66.73 HATCHED MEDIAN RT (150 LF)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

VT. ROUTE 4A:
STA 0+99.10 LT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

VT. ROUTE 4A:
STA 0+99.10 LT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

U.S. ROUTE 4:
STA 7+53.00 RT, ARROW (1 EA)
STA 7+99.13 RT, "O,N,L,Y" (4 EA)
STA 8+45.26 RT, ARROW (1 EA)
STA 8+91.40 RT, "O,N,L,Y" (4 EA)

VT. ROUTE 4A:
STA 1+05.00 LT, "S,T,O,P" (4 EA)
STA 1+30.00 LT, YIELD MARKING (5 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

U.S. ROUTE 4:
STA 7+53.00 RT, ARROW (2 EA)
STA 7+99.13 RT, "O,N,L,Y" (8 EA)
STA 8+45.26 RT, ARROW (2 EA)
STA 8+91.40 RT, "O,N,L,Y" (8 EA)

VT. ROUTE 4A:
STA 1+05.00 LT, "S,T,O,P" (8 EA)
STA 1+30.00 LT, YIELD MARKING (10 EA)

675.50 REMOVING SIGNS

AS SHOWN - 30

213.10 MILLED RUMBLE STRIPS

U.S. ROUTE 4 WESTBOUND:
STA 7+40.0 - STA 11+00.0 LT (360.0 LF)

U.S. ROUTE 4 EASTBOUND:
STA 7+40.0 - STA 10+75.0 LT (335.0 LF)
STA 9+65.0 - STA 10+75.0 RT (110.0 LF)

621.75 REMOVE AND RESET GUARDRAIL

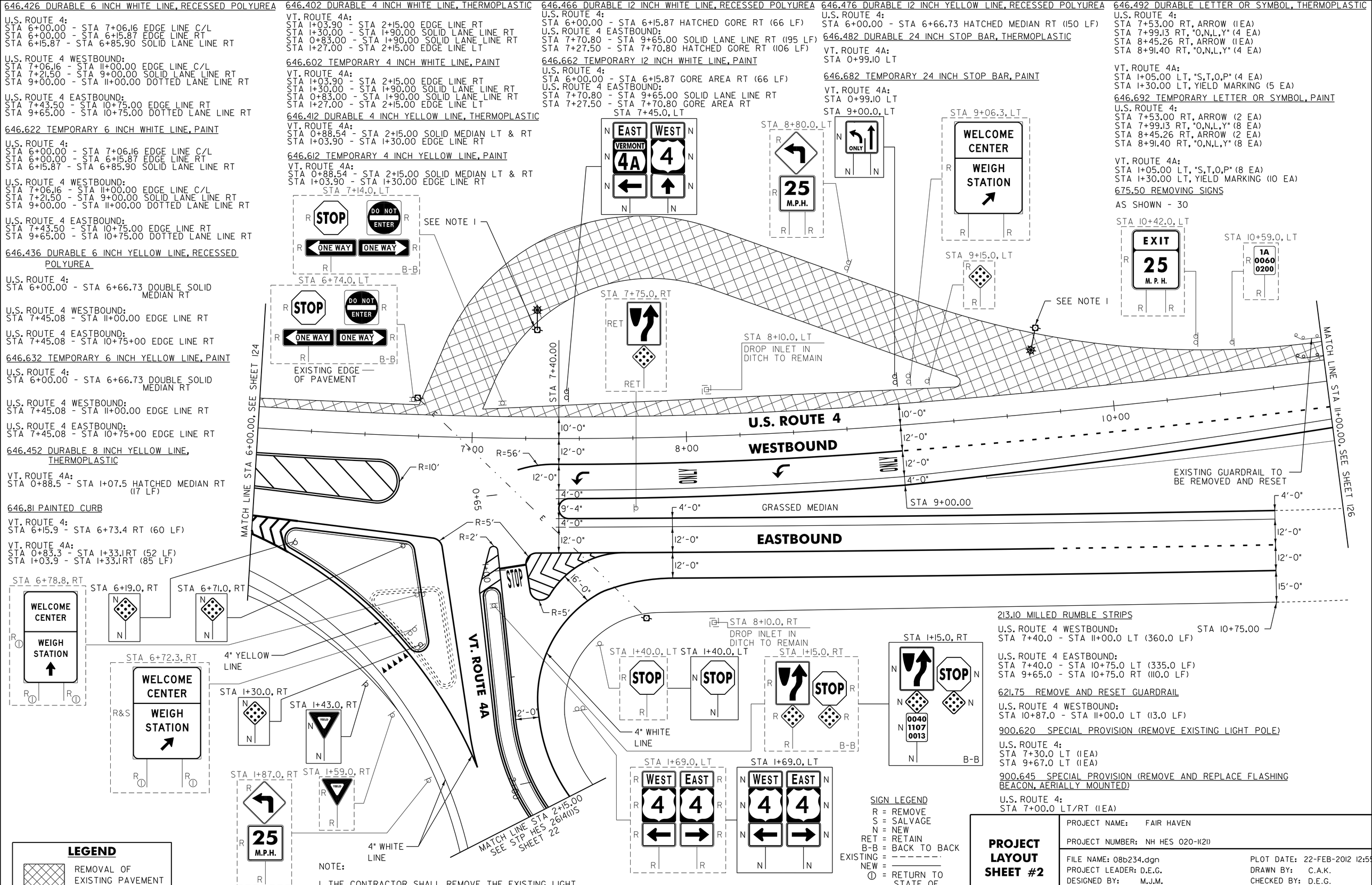
U.S. ROUTE 4 WESTBOUND:
STA 10+87.0 - STA 11+00.0 LT (13.0 LF)

900.620 SPECIAL PROVISION (REMOVE EXISTING LIGHT POLE)

U.S. ROUTE 4:
STA 7+30.0 LT (1 EA)
STA 9+67.0 LT (1 EA)

900.645 SPECIAL PROVISION (REMOVE AND REPLACE FLASHING BEACON, AERIALLY MOUNTED)

U.S. ROUTE 4:
STA 7+00.0 LT/RT (1 EA)



LEGEND

REMOVAL OF EXISTING PAVEMENT

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———
① = RETURN TO STATE OF VERMONT

NOTE:

1. THE CONTRACTOR SHALL REMOVE THE EXISTING LIGHT POLE AND ITS CORRESPONDING PULL BOXES.

PROJECT LAYOUT SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234102.i

PLOT DATE: 22-FEB-2012 12:55
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 125 OF 157

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA

U.S. ROUTE 4 WESTBOUND:
STA 11+00.00 - STA 17+00.00 EDGE LINE C/L
STA 11+00.00 - STA 12+85.00 DOTTED LANE LINE RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

U.S. ROUTE 4 WESTBOUND:
STA 11+00.00 - STA 17+00.00 EDGE LINE C/L
STA 11+00.00 - STA 12+85.00 DOTTED LANE LINE RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA

U.S. ROUTE 4 WESTBOUND:
STA 11+00.00 - STA 17+00.00 SOLID LANE LINE RT

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT

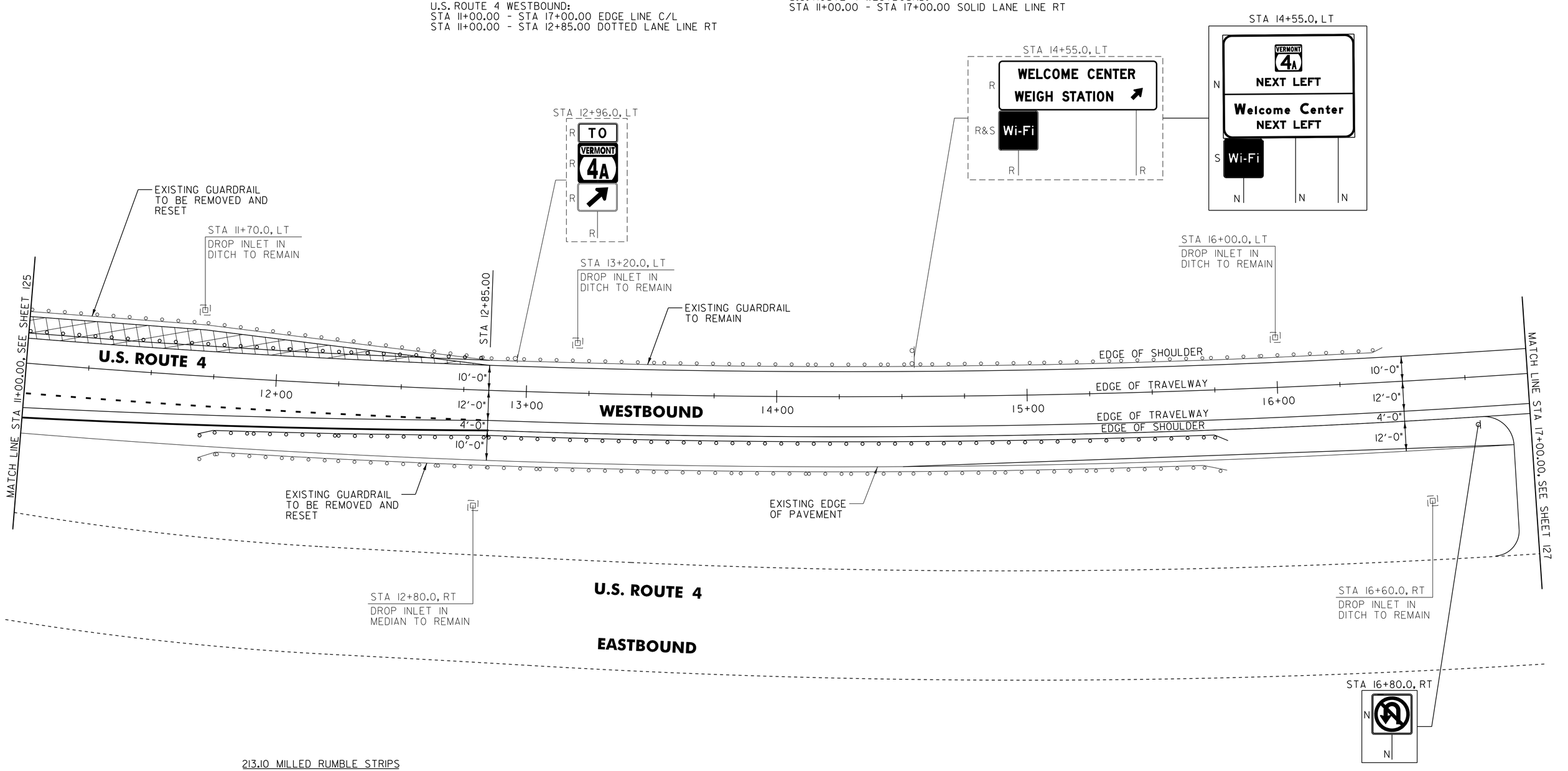
U.S. ROUTE 4 WESTBOUND:
STA 11+00.00 - STA 17+00.00 SOLID LANE LINE RT

675.50 REMOVING SIGNS

AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 1



213.10 MILLED RUMBLE STRIPS

U.S. ROUTE 4 WESTBOUND:
STA 11+00.0 - STA 17+00.0 LT (600.0 LF)
STA 12+85.0 - STA 16+75.0 RT (390.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

U.S. ROUTE 4 WESTBOUND:
STA 15+45.0 - STA 15+82.5 RT

621.75 REMOVE AND RESET GUARDRAIL

U.S. ROUTE 4 WESTBOUND:
STA 11+00.0 - STA 12+87.0 LT (187.0 LF)
STA 11+70.0 - STA 15+45.0 RT (375.0 LF)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

U.S. ROUTE 4 WESTBOUND:
STA 15+45.0 - STA 15+82.5 LT (37.5 LF)

LEGEND

REMOVAL OF EXISTING PAVEMENT

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

PROJECT LAYOUT SHEET #3

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234103.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 126 OF 157

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA

U.S. ROUTE 4 WESTBOUND:
STA 17+00.0 - STA 23+00.00 EDGE LINE C/L

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

U.S. ROUTE 4 WESTBOUND:
STA 17+00.0 - STA 23+00.00 EDGE LINE C/L

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA

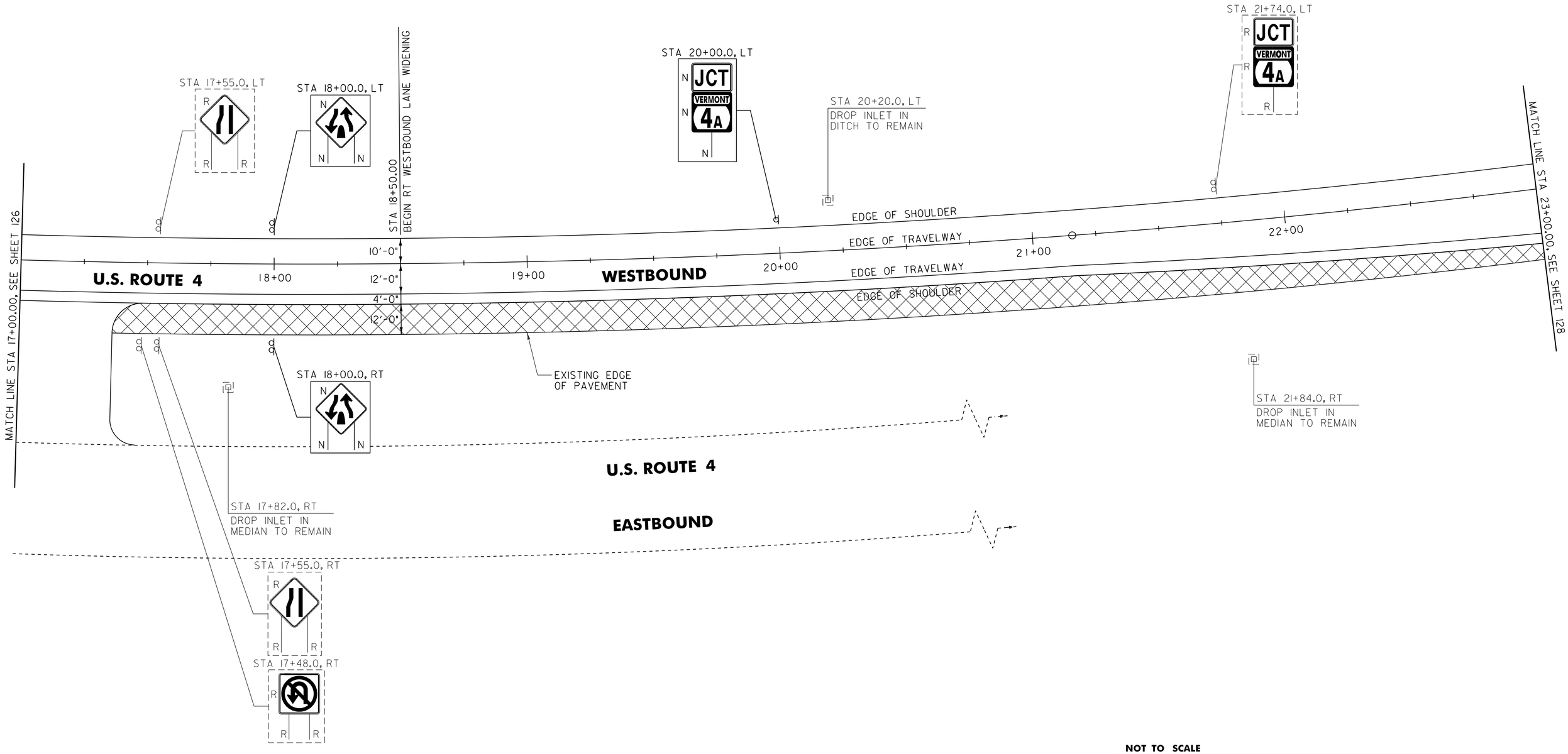
U.S. ROUTE 4 WESTBOUND:
STA 17+00.0 - STA 23+00.00 EDGE LINE RT

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT

U.S. ROUTE 4 WESTBOUND:
STA 17+00.0 - STA 23+00.00 EDGE LINE RT

675.50 REMOVING SIGNS

AS SHOWN - 5



LEGEND

REMOVAL OF EXISTING PAVEMENT

213.10 MILLED RUMBLE STRIPS

U.S. ROUTE 4 WESTBOUND:
STA 17+00.0 - STA 23+00.0 LT (600.0 LF)
STA 18+10.0 - STA 23+00.0 RT (490.0 LF)

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

NOT TO SCALE

PROJECT LAYOUT SHEET #4

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234104.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 127 OF 157

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA

U.S. ROUTE 4 WESTBOUND:
STA 23+00.00 - STA 29+00.00 EDGE LINE C/L

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

U.S. ROUTE 4 WESTBOUND:
STA 23+00.00 - STA 29+00.00 EDGE LINE C/L

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA

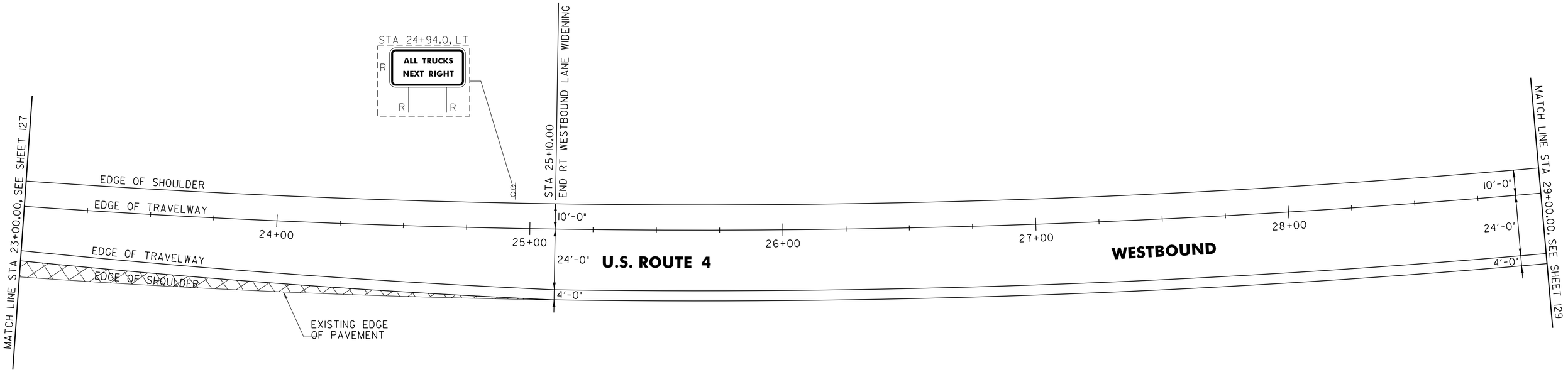
U.S. ROUTE 4 WESTBOUND:
STA 23+00.00 - STA 29+00.00 EDGE LINE RT

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT

U.S. ROUTE 4 WESTBOUND:
STA 23+00.00 - STA 29+00.00 EDGE LINE RT

675.50 REMOVING SIGNS

AS SHOWN - 1



213.10 MILLED RUMBLE STRIPS

U.S. ROUTE 4 WESTBOUND:
STA 23+00.0 - STA 29+00.0 LT (600.0 LF)
STA 23+00.0 - STA 29+00.0 RT (600.0 LF)

LEGEND

REMOVAL OF EXISTING PAVEMENT

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #5

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234105.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 128 OF 157

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA

U.S. ROUTE 4 WESTBOUND:
STA 29+00.00 - STA 32+20.00 EDGE LINE C/L

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

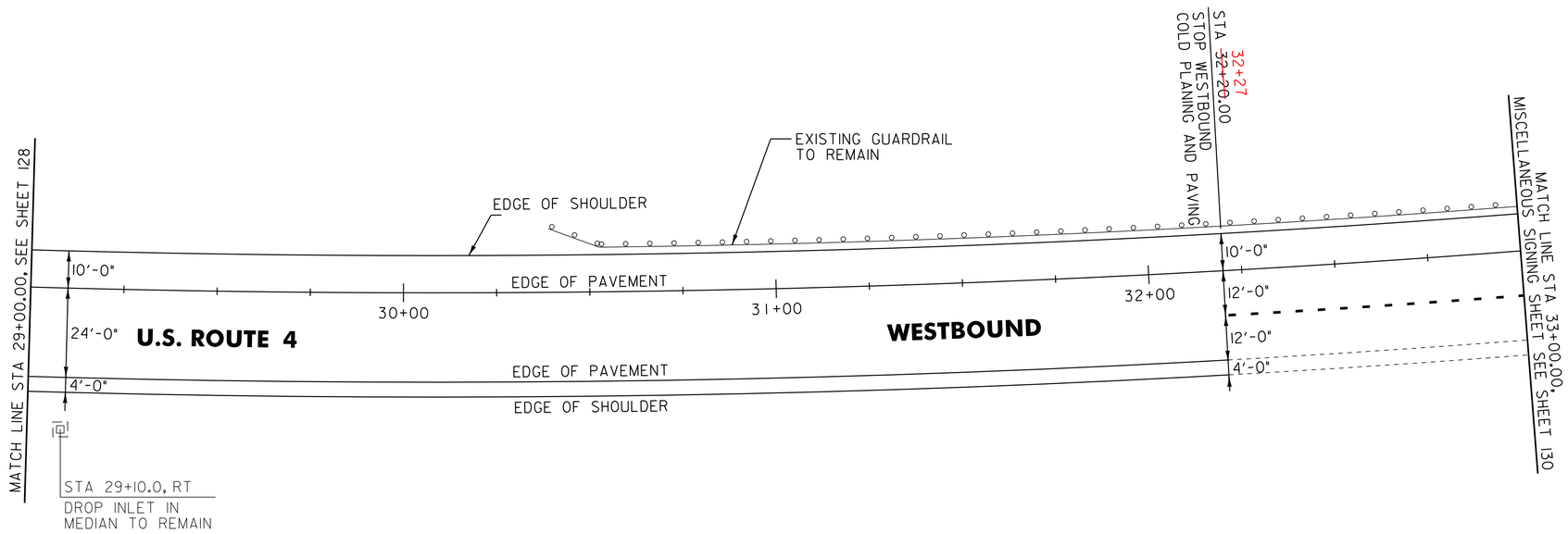
U.S. ROUTE 4 WESTBOUND:
STA 29+00.00 - STA 32+20.00 EDGE LINE C/L

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA

U.S. ROUTE 4 WESTBOUND:
STA 29+00.00 - STA 32+20.00 EDGE LINE RT

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT

U.S. ROUTE 4 WESTBOUND:
STA 29+00.00 - STA 32+20.00 EDGE LINE RT



213.10 MILLED RUMBLE STRIPS

U.S. ROUTE 4 WESTBOUND:
STA 29+00.0 - STA ~~32+20.0~~ LT (320.0 LF) 32+27
STA 29+00.0 - STA ~~32+20.0~~ RT (320.0 LF) 32+27

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ————————

NOT TO SCALE

PROJECT LAYOUT SHEET #6

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234106.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 129 OF 157

675.50 REMOVING SIGNS
AS SHOWN - 10

STA 51+55.0, LT
R
WEIGH STATION
NEXT RIGHT
CLOSED
R R

STA 52+80.0, LT
RET
MILE
1
RET

STA 45+93.0, LT
N
SPEED LIMIT 55
N N

STA 45+93.0, LT
R
REDUCED SPEED AHEAD
R R

STA 54+79.0, LT
R
SPEED LIMIT 65
R
MINIMUM 40
R R

STA 62+24.0, LT
R
WELCOME CENTER
WEIGH STATION
1 MILE
R R

STA 62+24.0, LT
N
JUNCTION
VERMONT 4A
1 MILE
N N

STA 42+70.0, LT
N
Welcome Center
3/4 MILE
N N

STA 39+34.0, LT
N
SPEED LIMIT 55
N N

STA 39+34.0, LT
R
SPEED LIMIT 55
R R

STA 38+98.0, LT
RET
BR
3-W
US4
RET

STA 34+90.0, LT
N
JUNCTION
VERMONT 4A
1/2 MILE
N N

STA ~~34+60.0~~ 37+50 LT
N
N N

STA 34+38.0, LT
R
R R

EXIT 2
INTERCHANGE

VT. ROUTE 22A

U.S. ROUTE 4 W.B.

U.S. ROUTE 4 E.B.

35+00 40+00 45+00 50+00 55+00 60+00 65+00 70+00 75+00 80+00 85+00 90+00 95+00 100+00 105+00 110+00 115+00 120+00

END NH HES 020-1(21)
MM 1.200 = STA 63+36.00

STA 45+93.0, RT
R
REDUCED SPEED AHEAD
R R

STA 45+93.0, RT
N
SPEED LIMIT 55
N N

MATCH LINE STA 33+00.0
SEE SHEET 129

STA 39+34.0, RT
R
SPEED LIMIT 55
R R

STA 39+34.0, RT
N
SPEED LIMIT 55
N N

STA 34+38.0, RT
R
R R

37+50 RT
STA ~~34+60.0~~, RT
N
N N

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

MISCELLANEOUS SIGNING SHEET

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234mss.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 130 OF 157

I. NARRATIVE

I.1 PROJECT DESCRIPTION

U.S. ROUTE 4, NH HES 020-I(21) PROJECT IS LOCATED IN THE TOWN OF FAIR HAVEN, RUTLAND COUNTY, VERMONT. THE PROJECT BEGINS AT A POINT APPROXIMATELY 56 FT EAST OF NEW YORK - VERMONT STATE LINE AND EXTENDS EASTERLY ALONG U.S. ROUTE 4 FOR APPROXIMATELY 6336 FT (1.2 MILES). WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL OF THE EXISTING JUG HANDLE AND ASSOCIATED DECELERATION LANE PAVEMENT ALONG WITH THE NARROWING OF U.S. ROUTE 4 TO ONE LANE PRIOR TO THE INTERSECTION WITH VT ROUTE 4A. IN ADDITION, THE REMAINING PAVEMENT SURFACE WILL BE COLD PLANED AND REPAVED WITH A NEW WEARING COURSE AND LEVELING COURSE, NEW PAVEMENT MARKINGS, NEW SIGNS, GUARDRAIL ADJUSTMENTS AND INCIDENTAL ITEMS. U.S. ROUTE 4 IS A LIMITED ACCESS HIGHWAY. THE TOTAL EARTH DISTURBANCE THROUGHOUT THE DURATION OF THIS PROJECT SHALL BE APPROXIMATELY 0.85 ACRE.

I.2 SITE INVENTORY AND ANALYSIS

I.2.1 OFF-SITE DRAINAGE CHARACTERISTICS (UP AND DOWN GRADIENT)

THE PROJECT AREA IS PRIMARILY LOCATED WITHIN THE EXISTING PAVED SECTION OF THE U.S. ROUTE 4 WESTBOUND BARREL WITH WOODED AND GRASSED AREAS ALONG WITH ISOLATED SECTIONS OF ROCK OUT CROPS ALONG THE ROADWAY. THERE ARE NO RESIDENTIAL OR COMMERCIAL PROPERTIES LOCATED WITHIN THE PROJECT AREA. THE MAJORITY OF THE SURFACE RUNOFF ASSOCIATED WITH THIS WATERSHED IS CONVEYED BY OVERLAND FLOW THAT IS COLLECTED VARIOUS CLOSED DRAINAGE SYSTEMS THAT OUTLET INTO THE POULTNEY RIVER, A TRIBUTARY OF THE CHAMPLAIN CANAL.

I.2.2 DRAINAGE, WATERWAYS, BODIES OF WATER PROXIMITY TO NATURAL OR MAN-MADE WATER FEATURES

LOCATED WITHIN THE PROJECT AREA IS THE POULTNEY RIVER, A TRIBUTARY OF THE CHAMPLAIN CANAL. SURFACE RUNOFF FROM THE PROJECT AREA IS CONVEYED BY PRIMARILY BY OVERLAND FLOW THAT IS COLLECTED BY VARIOUS CLOSED DRAINAGE SYSTEMS THAT OUTLET INTO THE POULTNEY RIVER. TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROLS MEASURES WILL BE USED TO PROTECT THE WATER COURSES FROM BECOMING TURBID DURING CONSTRUCTION

I.2.3 TOPOGRAPHY, EXISTING ROADS, BUILDINGS, UTILITIES

THE EXISTING SITE TOPOGRAPHY CONSISTS OF A LIMITED ACCESS ROADWAY, U.S. ROUTE 4, RUNNING THROUGH A MODERATELY WOODED RURAL AREA IN ROLLING TERRAIN. THERE ARE NO RESIDENTIAL OR COMMERCIAL STRUCTURES LOCATED IN THE VICINITY OF THE PROJECT AREA. LIMITED OVERHEAD AND UNDERGROUND UTILITIES ARE PRESENT WITHIN PROJECT AREA ALONG WITH OVERHEAD STREET LIGHTING IN THE VICINITY OF THE U.S. ROUTE 4, VT. ROUTE 4A INTERSECTION. THIS PROJECT WILL REQUIRE THE REMOVAL OF SOME OF THE EXISTING STREET LIGHTING LOCATED WITH IN THE AREA OF THE JUG HANDLE.

I.2.4 VEGETATION

THE VEGETATION LOCATED WITHIN THE PROJECT AREA PRIMARILY CONSISTS OF WOODED AND GRASSED AREAS WITH ISOLATED AREAS OF ROCK OUT CROPS. IT IS ANTICIPATED THAT SOME TREES AND/OR SHRUBS WILL BE TRIMMED DURING THE CONSTRUCTION OF THIS PROJECT.

I.2.5 SOILS

THE SOILS LOCATED WITHIN THE RECONSTRUCTION LIMITS HAVE BEEN CLASSIFIED AS "NOT HIGHLY ERODIBLE" AND "POTENTIALLY HIGHLY ERODIBLE" BY THE UNITED STATES DEPARTMENT OF AGRICULTURE'S NATIONAL RESOURCES CONSERVATION SERVICE (NRCS). THE FOLLOWING IS A LIST OF SOIL TYPES THAT ARE LOCATED WITHIN THE PROJECT AREA.

MAP UNIT TYPE *	DESCRIPTION	SLOPES (%)	ERODIBILITY	ERODIBILITY FACTOR (K)
43C	TACONIC - MACOMBER COMPLEX	8 - 25	POTENTIALLY HIGHLY ERODIBLE	0.24
54A	NINIGRET FINE SANDY LOAM	0 - 4	NOT HIGHLY ERODIBLE	0.32
80A	KINGSBURY SILTY CLAY LOAM	0 - 3	NOT HIGHLY ERODIBLE	0.49
82B	VERGENNES CLAY	3 - 8	NOT HIGHLY ERODIBLE	0.49

* MAP UNIT TYPE IS FROM NRCS SOIL SURVEY MAP FOR RUTLAND COUNTY, VERMONT. SEE SHEETS 134 THROUGH 138 FOR MAP UNIT BOUNDARY LINES.

I.2.6 SENSITIVE RESOURCE AREAS

NO KNOWN OCCURRENCES OF CRITICAL HABITATS, OR HISTORICAL OR ARCHEOLOGICAL SITES EXIST WITHIN THE LIMITS OF THE PROJECT AREA. THERE ARE TWO VERMONT THREATENED AND ENDANGERED SPECIES THAT ARE KNOWN TO INHABIT THE GENERAL PROJECT VICINITY. THESE ARE THE TIMBER RATTLESNAKE (ENDANGERED) AND EASTERN RAT SNAKE (THREATENED). IF EITHER OF THESE SPECIES IS ENCOUNTERED DURING CONSTRUCTION IT IS IMPERATIVE THAT NO HARM IS DONE TO THEM. IF EITHER OF THESE SPECIES IS ENCOUNTERED DURING CONSTRUCTION, THE VTRANS ENVIRONMENTAL SECTION SHOULD BE NOTIFIED TO CONTACT THE APPROPRIATE INDIVIDUALS TO DOCUMENT AND RELOCATE IF NECESSARY. REPRESENTATIVES FROM VTRANS ENVIRONMENTAL (GLENN GINGRAS, BIOLOGIST 828-3979 OR CHRIS SLESAR, ENVIRONMENTAL SPECIALIST 828-5743) SHOULD BE INVITED TO THE PRE-CONSTRUCTION MEETING TO DISCUSS AND TO PROVIDE CONTACT INFORMATION. THE PROJECT AREA PRIMARILY CONTAINS SOILS THAT ARE CLASSIFIED AS PRIME FARMLAND BY THE NRCS. THERE ARE NO KNOWN WETLANDS OR IMPAIRED WATERWAYS LOCATED WITHIN THE PROJECT AREA.

I.3 RISK EVALUATION

THE TOTAL EARTH DISTURBANCE THROUGHOUT THE DURATION OF THIS PROJECT SHALL BE LESS THAN ONE ACRE. THEREFORE THE PROJECT HAS BEEN CLASSIFIED AS A NON-JURISDICTIONAL PROJECT. SHOULD CHANGES PRIOR TO OR DURING CONSTRUCTION RESULT IN ONE OR MORE ACRES OF EARTH DISTURBANCE OR SHOULD THE PROJECT BECOME PART OF A LARGER PLAN OF DEVELOPMENT THEN THE SELECTED CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL PERMITTING WITH VANR VIA FILING OF THE APPROPRIATE NOTICE OF INTENT UNDER THE CONSTRUCTION GENERAL PERMIT PROCESS.

I.4 EROSION PREVENTION AND SEDIMENT CONTROL

THE EROSION PREVENTION AND SEDIMENT CONTROL PLANS ARE MEANT AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT TRANSPORT AS REQUIRED BY THE VAOT'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006 AND THE AGENCY'S EROSION PREVENTION AND SEDIMENT CONTROL PROTOCOL DATED FEBRUARY 2007. THE WORK OUTLINED IN THIS NARRATIVE CONSISTS OF APPLYING MEASURES THROUGHOUT THE LIFE OF THE PROJECT TO MINIMIZE EROSION AND PREVENT THE SEDIMENTATION OF RIVERS, STREAMS AND/OR IMPOUNDMENTS SUCH AS LAKES AND RESERVOIRS. THE MEASURES PRIMARILY CONSIST OF STABILIZATION AND/OR STRUCTURAL PRACTICES, STORM WATER CONTROLS AND OTHER MISCELLANEOUS POLLUTION PREVENTION CONTROLS.

PREVENTING INITIAL SOIL EROSION IS MUCH MORE EFFECTIVE THAN TRYING TO CONTROL ERODED SEDIMENT. MAINTAINING VEGETATED BUFFERS ALONG STREAM BANKS, WETLANDS, OR OTHER SENSITIVE AREAS IS A CRUCIAL EROSION PREVENTION AND SEDIMENT CONTROL MEASURE THAT SHOULD BE EMPLOYED WHEREVER POSSIBLE. THEREFORE, STABILIZE ALL DISTURBED AREAS AS SOON AS PRACTICAL BUT NO MORE THAN TWO DAYS AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED.

THE CONTRACTOR SHALL COORDINATE THE INSTALLATION, USE, AND REMOVAL OF EROSION PREVENTION AND SEDIMENT CONTROL MEASURES WITH ROADWAY CONSTRUCTION ACTIVITIES TO ASSURE ECOLOGICAL, EFFECTIVE, AND CONTINUOUS EROSION PREVENTION AND SEDIMENT CONTROL. THE CONTRACTOR SHALL EMPLOY TEMPORARY STABILIZATION PRACTICES IN INCREMENTAL STAGES AS CONSTRUCTION PROCEEDS.

THE CONTRACTOR SHALL INSTALL ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE EPSC PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. DO NOT MODIFY THE TYPE, SIZE, OR LOCATION OF ANY CONTROL OR PRACTICE WITHOUT APPROVAL FROM THE ON-SITE PLAN COORDINATOR.

ALL MEASURES SHALL BE REGULARLY MAINTAINED AND SHALL BE CHECKED FOR SEDIMENT BUILD-UP. SEDIMENT SHALL BE DISPOSED AT AN APPROVED SITE WHERE IT WILL NOT BE SUBJECT TO EROSION.

CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO THE WATERS OF THE UNITED STATES FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE WATERS OF THE UNITED STATES. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO THE WATERS OF THE UNITED STATES ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH WOULD CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM THE WATERS OF THE UNITED STATES, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN STREAM WATER QUALITY. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF THE UNITED STATES, NOR SHALL WASHING FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLANDS OR WATERS OF THE UNITED STATES.

(REFER TO THE LOW RISK SITE HANDBOOK AND APPROPRIATE DETAIL SHEETS FOR EACH PRACTICE REQUIRED ON THE PROJECT TO INCLUDE BUT NOT LIMITED TO THE FOLLOWING.)

I.4.1 MARK SITE BOUNDARIES

PROJECT DEMARCATION FENCING WILL BE USED TO DELINEATE THE LIMITS IN WHICH THE CONTRACTOR CAN ACCESS WITH CONSTRUCTION EQUIPMENT AND PERSONNEL. THIS MEASURE WILL LIMIT THE AREA THAT CAN BE DISTURBED AND EXPOSED TO EROSION. THE CONTRACTOR SHALL INSTALL THE PERIMETER CONTROLS PRIOR TO STARTING ANY WORK WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL NOT ALLOW ANY CONSTRUCTION EQUIPMENT TO OPERATE OR ACCESS ON THE DOWN SLOPE SIDE OF ANY PERIMETER CONTROL MEASURE. THE CONTRACTOR SHALL NOT ALLOW ANY CROSSING OF A FLOWING STREAM OR DISTURBANCE OF THE EXISTING STREAM BANKS BY CONSTRUCTION EQUIPMENT EXCEPT AS AUTHORIZED BY THE ON-SITE PLAN COORDINATOR.

I.4.2 LIMIT DISTURBANCE AREA

EMPLOY TEMPORARY STABILIZATION PRACTICES IN INCREMENTAL STAGES (PHASING) AS CONSTRUCTION ACTIVITIES PROCEED. ADDITIONAL MEASURES MAY BE NEEDED DUE TO THE PHASING OF THE PROJECT AND AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. IN GENERAL, PRESERVE EXISTING VEGETATION, TREES AND SHRUBS WHEN POSSIBLE, AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

I.4.3 STABILIZE CONSTRUCTION EXIT

IT IS NOT ANTICIPATED THAT STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED TO CONSTRUCT THE PROPOSED PROJECT DUE TO ITS LIMITED SIZE AND LOCATION. HOWEVER, IF SITE CONDITIONS CHANGE THE CONTRACTOR SHALL CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES PER THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATIONS LOW RISK SITE HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. THE CONTRACTOR SHALL NOT ALLOW CONSTRUCTION VEHICLES TO TRACK SEDIMENT OFFSITE OF THE PROJECT LIMITS. (PAYMENT FOR WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT).

I.4.4 INSTALL SILT FENCE

SILT FENCE SHALL BE INSTALLED PRIOR TO ANY UP SLOPE WORK AS SHOWN ON THE PLANS AS NECESSARY OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. FILTER FABRIC PROTECTION WILL NEED TO BE INSTALLED AT ALL DROP INLETS.

I.4.5 DIVERT UPLAND RUNOFF

CONTROL ONLY SEDIMENT LADEN RUNOFF GENERATED FROM THE PROJECT SITE. IT IS NOT ANTICIPATED THAT TEMPORARY DRAINAGE SWALES WILL BE NEEDED TO DIVERT UPLAND RUNOFF AWAY FROM THE PROJECT. HOWEVER, IF SITE CONDITIONS CHANGE THE CONTRACTOR SHALL CONSTRUCT TEMPORARY DIVERSION DIKES OR SWALES PER THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATIONS LOW RISK SITE HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. (PAYMENT FOR WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT).

I.4.6 SLOW DOWN CHANNELIZED RUNOFF

THE CONTRACTOR SHALL INSTALL CHECK DAMS AS SHOWN ON THE PLANS OR AS NECESSARY AS DIRECTED BY THE ON-SITE PLAN COORDINATOR TO SLOW DOWN CHANNELIZED RUNOFF.

I.4.7 CONSTRUCT PERMANENT CONTROLS

IT IS NOT ANTICIPATED THAT PERMANENT CONTROLS WILL BE REQUIRED TO CONTROL STORMWATER WITHIN THE PROJECT AREA. HOWEVER, IF SITE CONDITIONS CHANGE THE CONTRACTOR SHALL INSTALL PERMANENT MEASURES AS DIRECTED BY THE ON-SITE PLAN COORDINATOR (PAYMENT FOR THIS WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT).

I.4.8 STABILIZE EXPOSED SOILS

THE CONTRACTOR SHALL GRADE AND TRIM ALL SLOPES AS THE EXCAVATION PROGRESSES AND STABILIZE ALL SLOPES AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. TRACKING OF ALL EXPOSED SLOPES, COMBINED WITH TEMPORARY EROSION MATTING AS REQUIRED, WILL BE UTILIZED ON A REGULAR BASIS. SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF FORECASTED RAIN. SEEDING AND BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3. THESE SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF REACHING INTERMITTENT PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL HAVE A HYDRO SEEDER AVAILABLE ON THE PROJECT SITE OR AVAILABLE AT ONE WEEK'S NOTICE (MAXIMUM) UNTIL PERMANENT SEEDING IS COMPLETED.

I.4.9 WINTER STABILIZATION

THE PROJECT IS ANTICIPATED TO BE COMPLETED BY OCTOBER 16, 2009, PRIOR TO THE WINTER CONSTRUCTION SEASON. IF THE PROJECT CANNOT BE SUBSTANTIALLY COMPLETED PRIOR TO THE WINTER CONSTRUCTION SEASON, VARIOUS MEASURES SPECIFIC TO WINTER SHALL BE EMPLOYED AS NECESSARY OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR (SEE THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATIONS LOW RISK SITE HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL).

I.4.10 STABILIZE SOIL AT FINAL GRADE

SEEDING AND BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3 AS SHOWN IN THE PLANS. THESE SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF REACHING FINAL GRADE.

I.4.11 DE-WATERING ACTIVITIES

NO DE-WATERING ACTIVITIES WILL BE REQUIRED AS PART OF THIS PROJECT.

I.4.12 INSPECT YOUR SITE

INSPECTION OF EROSION PREVENTION AND SEDIMENT CONTROL MEASURES USED WITHIN THE PROJECT SITE SHALL BE INSPECTED ON A DAILY BASIS AND AFTER EVERY STORM GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. REPAIRS SHALL BE MADE AS NEEDED WHEN DAMAGE TO MEASURES ARE DISCOVERED AND SEDIMENT SHALL BE REMOVED WHEN THE STORAGE CAPACITY OF A SEDIMENT CONTROL MEASURE APPROACHES ONE HALF OF ITS INTENDED CAPACITY OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

GENERAL EROSION CONTROL NARRATIVE SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-I(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ecn01.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 131 OF 157

CONSTRUCTION SEQUENCING NOTES

PHASE 1- ESTABLISHING PERIMETER CONTROLS

1. PROJECT DEMARCATION FENCE SHALL BE ERECTED THROUGHOUT THE ENTIRE PROJECT AREA AS SHOWN IN THE PLANS PRIOR TO ANY ACTIVITY THAT WILL ALTER THE SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. SEE SHEET 133 FOR CONSTRUCTION DETAILS. THE COST OF INSTALLING THE PROJECT DEMARCATION FENCE SHALL BE PAID FOR UNDER ITEM 653.55 PROJECT DEMARCATION FENCE.

2. INSTALL ALL NECESSARY EROSION PREVENTION & SEDIMENT CONTROL ITEMS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. SILT FENCE SHALL BE INSTALLED PER SECTION 649 OF THE VAOT'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006. THE COST OF INSTALLING SILT FENCE SHALL BE PAID FOR UNDER ITEM 649.51 GEOTEXTILE FOR SILT FENCE.

PHASE 2 - REMOVE EXISTING ROADWAY PAVEMENT

1. THE CONTRACTOR SHALL REMOVE THE EXISTING ROADWAY PAVEMENT IN THE AREA OF THE JUG HANDLE, DECELERATION LANE AND SOUTHERN SIDE OF THE WESTBOUND BARREL AS SHOWN IN THE PLANS BY UTILIZING TEMPORARY LANE CLOSURES AND MAINTAINING ONE-WAY TRAFFIC ON ONE UNOBSTRUCTED 15 FT LANE AT ALL TIMES THROUGH THE PROJECT SITE DURING WORKING HOURS. TRAFFIC SHALL BE RESTORED TO NORMAL OPERATIONS DURING NON-WORKING HOURS, WEEKENDS AND ALL HOLIDAYS PER SECTION 100 OF VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006 AND ANY ADDITIONAL DAYS STATED IN THE SPECIAL PROVISIONS.

2. THE CONTRACTOR SHALL REMOVE THE EXISTING ROADWAY PAVEMENT IN SUCH A MANNER THAT MINIMIZES THE DURATION OF EXPOSED GROUND BY STAGING CONSTRUCTION ACTIVITIES SO THAT ALL DISTURBED AREAS WILL BE STABILIZED AT THE END OF EACH WORK DAY SUCH THAT NO LONGITUDINAL DROP OFFS EXIST WITHIN THE PROJECT AREA.

3. INSTALL ALL NECESSARY EROSION PREVENTION & SEDIMENT CONTROL ITEMS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. ADDITIONAL SILT FENCE NEEDED SHALL BE INSTALLED PER SECTION 649 OF THE VAOT'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006. THE COST OF INSTALLING SILT FENCE SHALL BE PAID FOR UNDER ITEM 649.51 GEOTEXTILE FOR SILT FENCE.

PHASE 3 - REMOVE ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROLS

1. THE CONTRACTOR SHALL ONLY REMOVE ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROLS AND THE PROJECT DEMARCATION FENCE ONCE ALL WORK HAS BEEN COMPLETED AND THE SLOPES HAVE BEEN STABILIZED AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

GENERAL EROSION CONTROL NARRATIVE SHEET #2

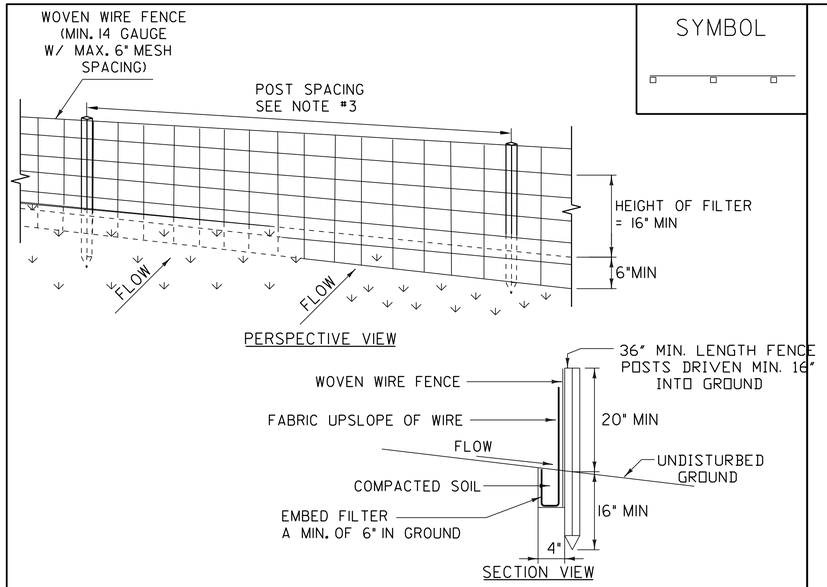
PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ecn02.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 132 OF 157

SYMBOL



CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE REINFORCEMENT IS ONLY REQUIRED WITHIN 100 FT UPSLOPE OF RECEIVING WATERS.

2. WHERE REQUIRED FENCE SHALL BE WOVEN WIRE, MIN. 14 GAUGE WITH A 6" MAXIMUM MESH OPENING. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI100X, STABILINKA T140N OR APPROVED EQUIVALENT.

3. POST SPACING FOR WIRE-BACKED FENCE SHALL BE 10' MAXIMUM. FOR FILTER-CLOTH FENCE, WHEN ELONGATION IS >50%, POST SPACING SHALL NOT EXCEED 4'. FOR FILTER-CLOTH FENCE, WHEN ELONGATION IS <50%, POST SPACING SHALL NOT EXCEED 6'.

4. WOVEN WIRE FENCE IS TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES. FILTER CLOTH IS TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.

5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.

6. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.

7. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN SEDIMENT REACHES HALF OF FABRIC HEIGHT.

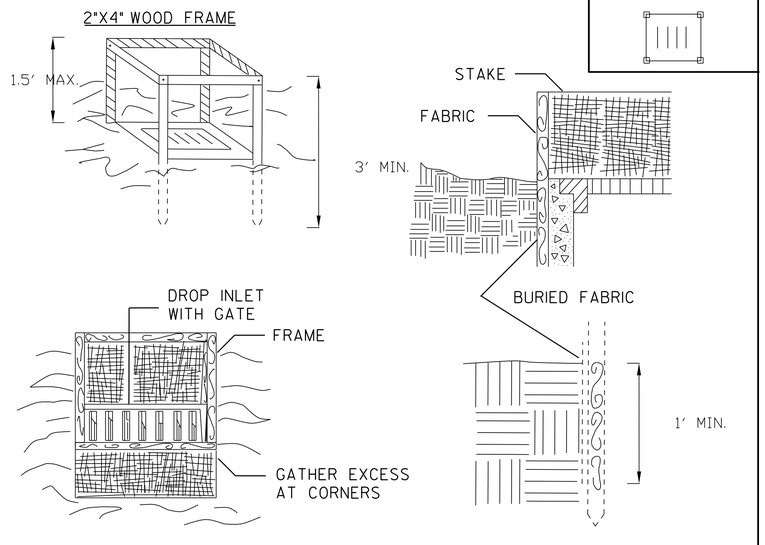
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SILT FENCE

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS ITEM SHALL BE PAID FOR UNDER ITEM 649.51
GEOTEXTILE FOR SILT FENCE

SYMBOL



CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.

2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.

3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.

4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.

5. FABRIC SHALL BE EMBEDDED 1FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.

6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

MAXIMUM DRAINAGE AREA 1 ACRE

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FILTER FABRIC DROP INLET PROTECTION

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS ITEM SHALL BE PAID FOR UNDER ITEM 653.40
INLET PROTECTION DEVICE, TYPE I

REVISIONS	
MARCH 8, 2007	JMF

NOT TO SCALE

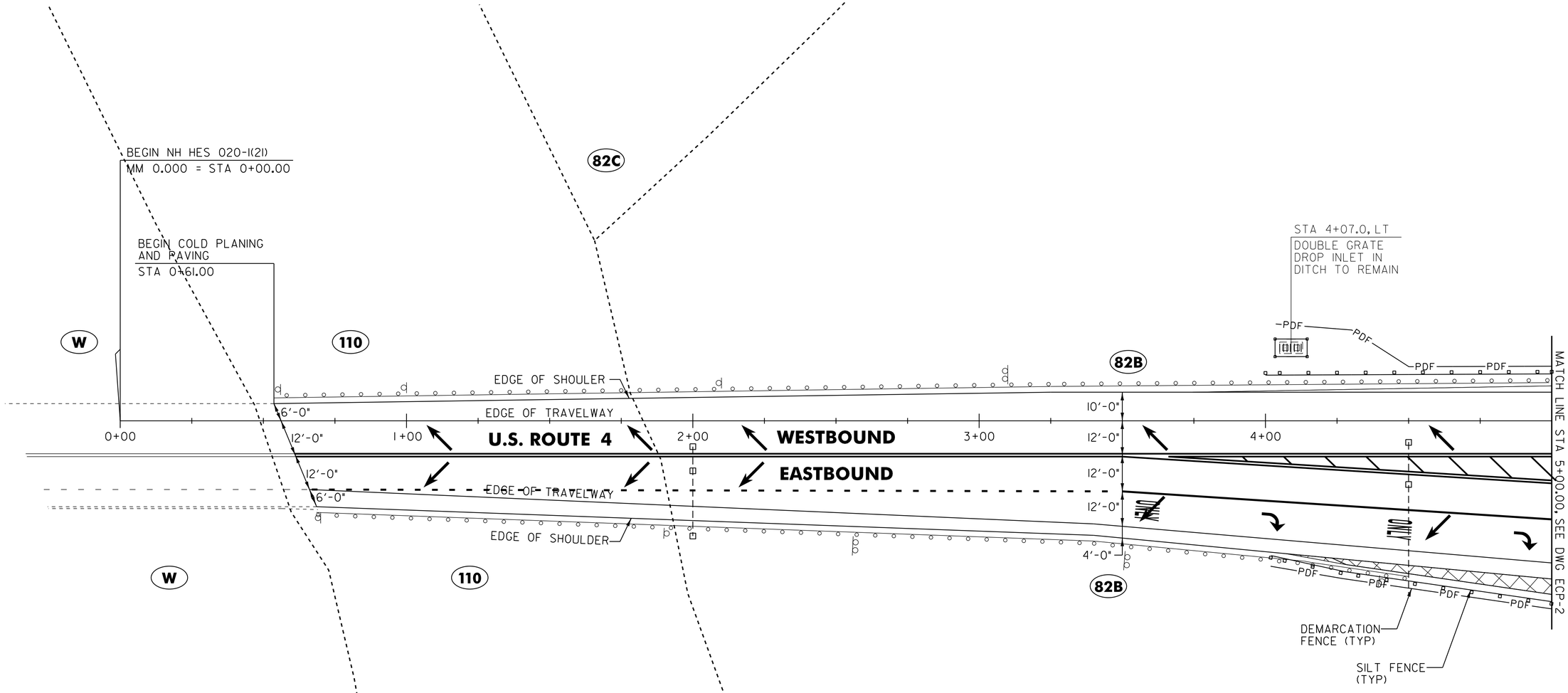
EROSION PREVENTION AND SEDIMENT CONTROL DETAILS

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ecd01.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 133 OF 157



LEGEND

- XXX — SOIL MAP UNIT TYPE (SEE SHEET 131 FOR DETAILS)
- SOIL LINE BOUNDARY
- FLOW DIRECTION
- AER E&T — AERIAL ELECTRIC & TELEPHONE
- GEOTEXTILE FOR SILT FENCE
- INLET PROTECTION
- LIMITS OF SOIL DISTURBANCE
- PDF — PROJECT DEMARCATION FENCE

NOTES:

1. THESE PLANS SHOW A CONCEPTUAL EROSION PREVENTION AND SEDIMENT CONTROL PLAN. THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL PLAN FOR APPROVAL.
2. TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION PREVENTION AND SEDIMENT CONTROL WITH APPROVAL OF THE RESIDENT ENGINEER AND ON-SITE PLAN COORDINATOR. SILT FENCE SHALL NOT BE INSTALLED ACROSS CONTOURS.
3. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER AND ON-SITE PLAN COORDINATOR.
4. REFER TO TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.

649.51 GEOTEXTILE FOR SILT FENCE

U.S. ROUTE 4:
STA 4+02.0 - STA 5+00.0 RT (33 SY)
STA 4+02.0 - STA 5+00.0 LT (33 SY)

653.40 INLET PROTECTION DEVICE, TYPE I

U.S. ROUTE 4:
STA 4+07.0 LT

653.55 PROJECT DEMARCATION FENCE

U.S. ROUTE 4:
STA 4+02.0 - STA 5+00.0 RT (98 LF)
STA 4+02.0 - STA 5+00.0 LT (33 LF)

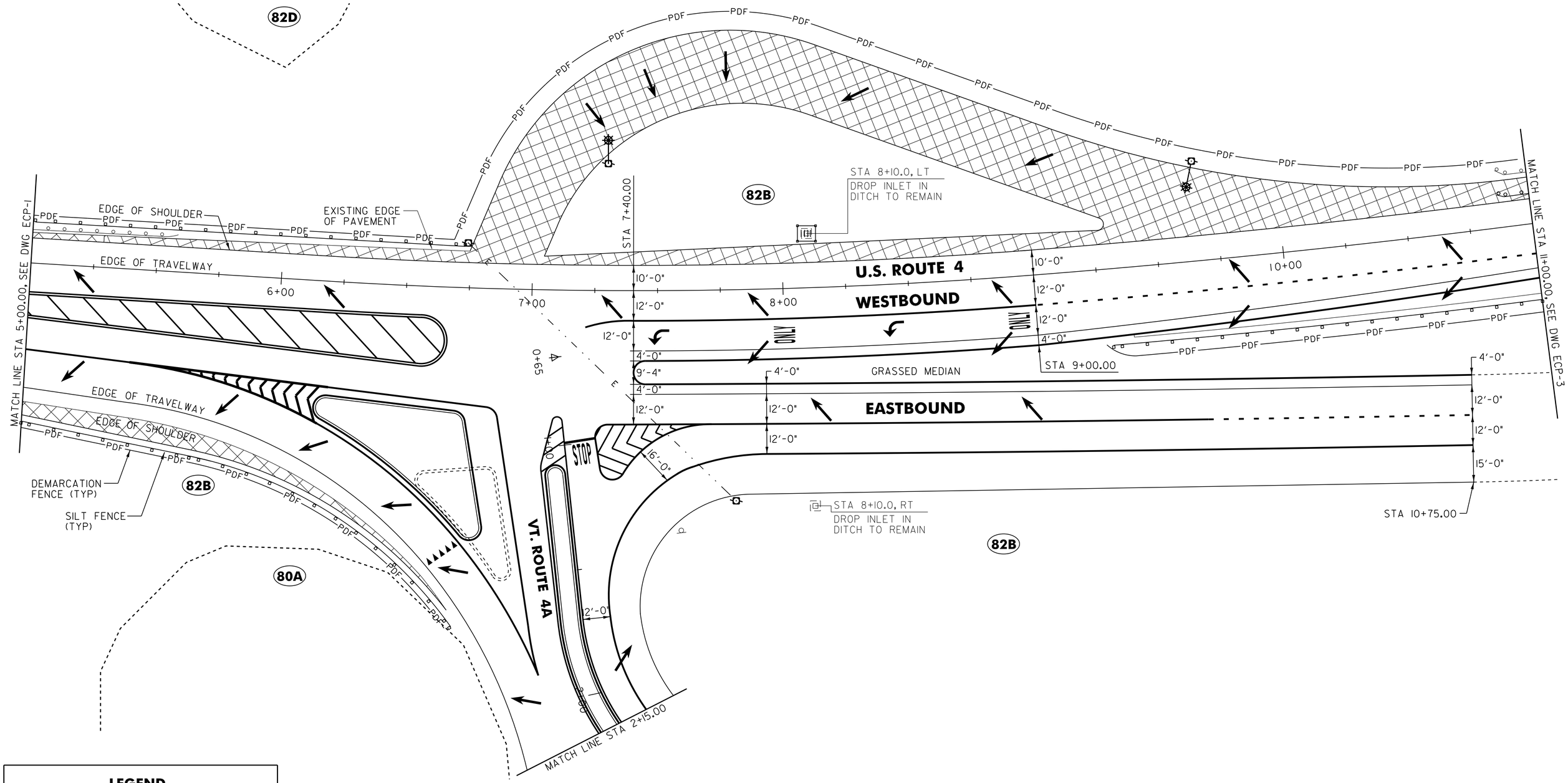
EROSION PREVENTION AND SEDIMENT CONTROL PLAN SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ecp1.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 134 OF 157



LEGEND

- XXX — SOIL MAP UNIT TYPE (SEE SHEET 131 FOR DETAILS)
- SOIL LINE BOUNDARY
- FLOW DIRECTION
- AER E&T — AERIAL ELECTRIC & TELEPHONE
- GEOTEXTILE FOR SILT FENCE
- INLET PROTECTION
- LIMITS OF SOIL DISTURBANCE
- PDF — PROJECT DEMARCATION FENCE

NOTES:

1. THESE PLANS SHOW A CONCEPTUAL EROSION PREVENTION AND SEDIMENT CONTROL PLAN. THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL PLAN FOR APPROVAL.
2. TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION PREVENTION AND SEDIMENT CONTROL WITH APPROVAL OF THE RESIDENT ENGINEER AND ON-SITE PLAN COORDINATOR. SILT FENCE SHALL NOT BE INSTALLED ACROSS CONTOURS.
3. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER AND ON-SITE PLAN COORDINATOR.
4. REFER TO TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.

649.51 GEOTEXTILE FOR SILT FENCE

U.S. ROUTE 4:
STA 5+00.0 - STA 6+74.0 RT (65 SY)
STA 5+00.0 - STA 6+74.0 LT (58 SY)
STA 9+29.0 - STA 11+00.0 RT (58 SY)

653.40 INLET PROTECTION DEVICE, TYPE I

U.S. ROUTE 4:
STA 8+10.0 LT

653.55 PROJECT DEMARCATION FENCE

U.S. ROUTE 4:
STA 5+00.0 - STA 6+74.0 RT (193 LF)
STA 5+00.0 - STA 11+00.0 LT (647 LF)
STA 9+29.0 - STA 11+00.0 RT (176 LF)

NOT TO SCALE

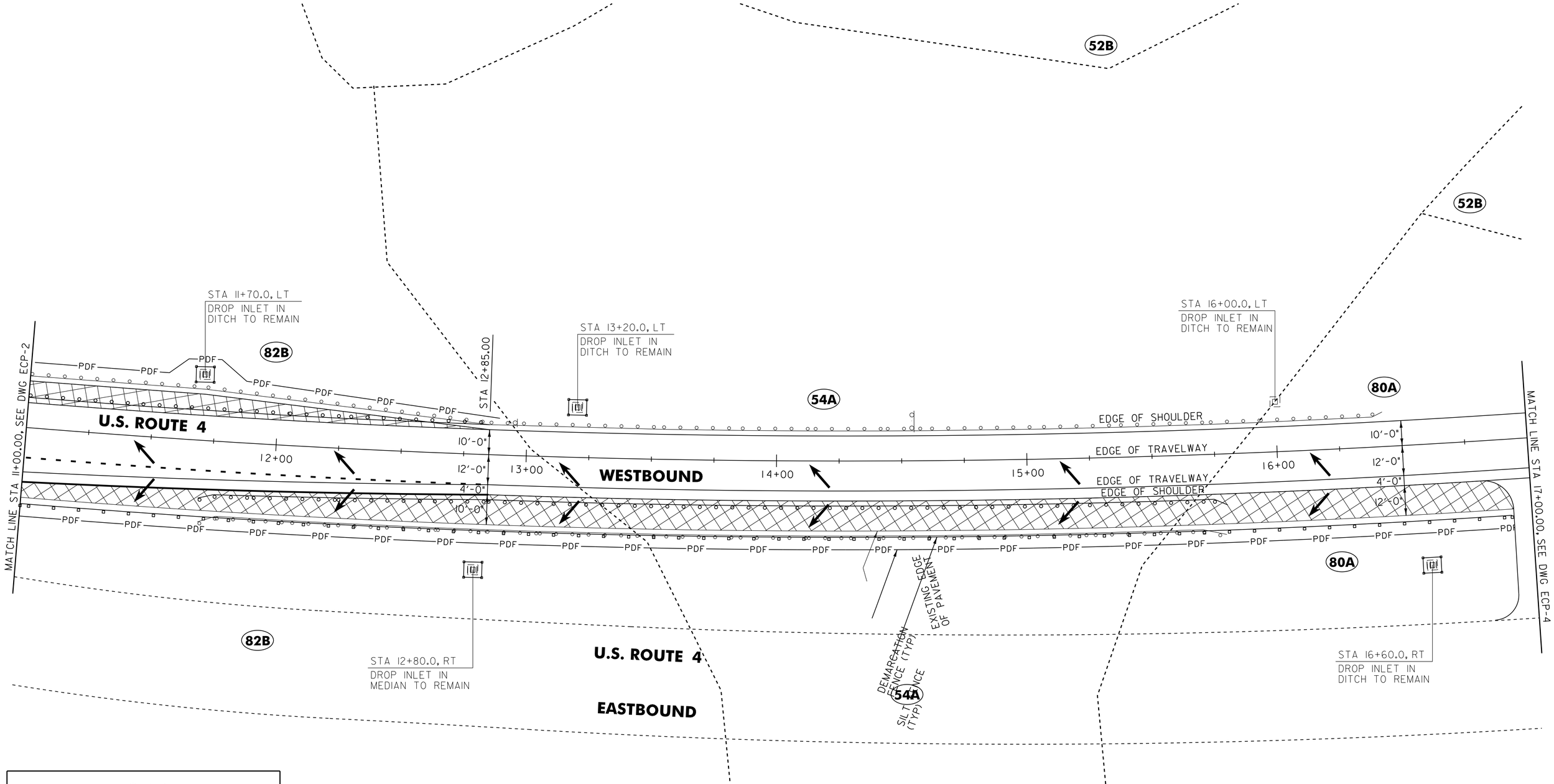
EROSION PREVENTION AND SEDIMENT CONTROL PLAN SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ecp2.1

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 135 OF 157



LEGEND

- XXX — SOIL MAP UNIT TYPE (SEE SHEET 131 FOR DETAILS)
- SOIL LINE BOUNDARY
- FLOW DIRECTION
- AER E&T — AERIAL ELECTRIC & TELEPHONE
- GEOTEXTILE FOR SILT FENCE
- INLET PROTECTION
- LIMITS OF SOIL DISTURBANCE
- PDF — PROJECT DEMARCATION FENCE

NOTES:

1. THESE PLANS SHOW A CONCEPTUAL EROSION PREVENTION AND SEDIMENT CONTROL PLAN. THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL PLAN FOR APPROVAL.
2. TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION PREVENTION AND SEDIMENT CONTROL WITH APPROVAL OF THE RESIDENT ENGINEER AND ON-SITE PLAN COORDINATOR. SILT FENCE SHALL NOT BE INSTALLED ACROSS CONTOURS.
3. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER AND ON-SITE PLAN COORDINATOR.
4. REFER TO TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.

649.51 GEOTEXTILE FOR SILT FENCE

U.S. ROUTE 4:
STA 11+00.0 - STA 16+93.0 RT (200 SY)

653.40 INLET PROTECTION DEVICE, TYPE I

U.S. ROUTE 4:
STA 11+70.0 LT
STA 12+80.0 RT
STA 13+20.0 LT
STA 16+60.0 RT

653.55 PROJECT DEMARCATION FENCE

U.S. ROUTE 4:
STA 11+00.0 - STA 16+93.0 RT (598 LF)
STA 11+00.0 - STA 12+93.0 LT (20 LF)

NOT TO SCALE

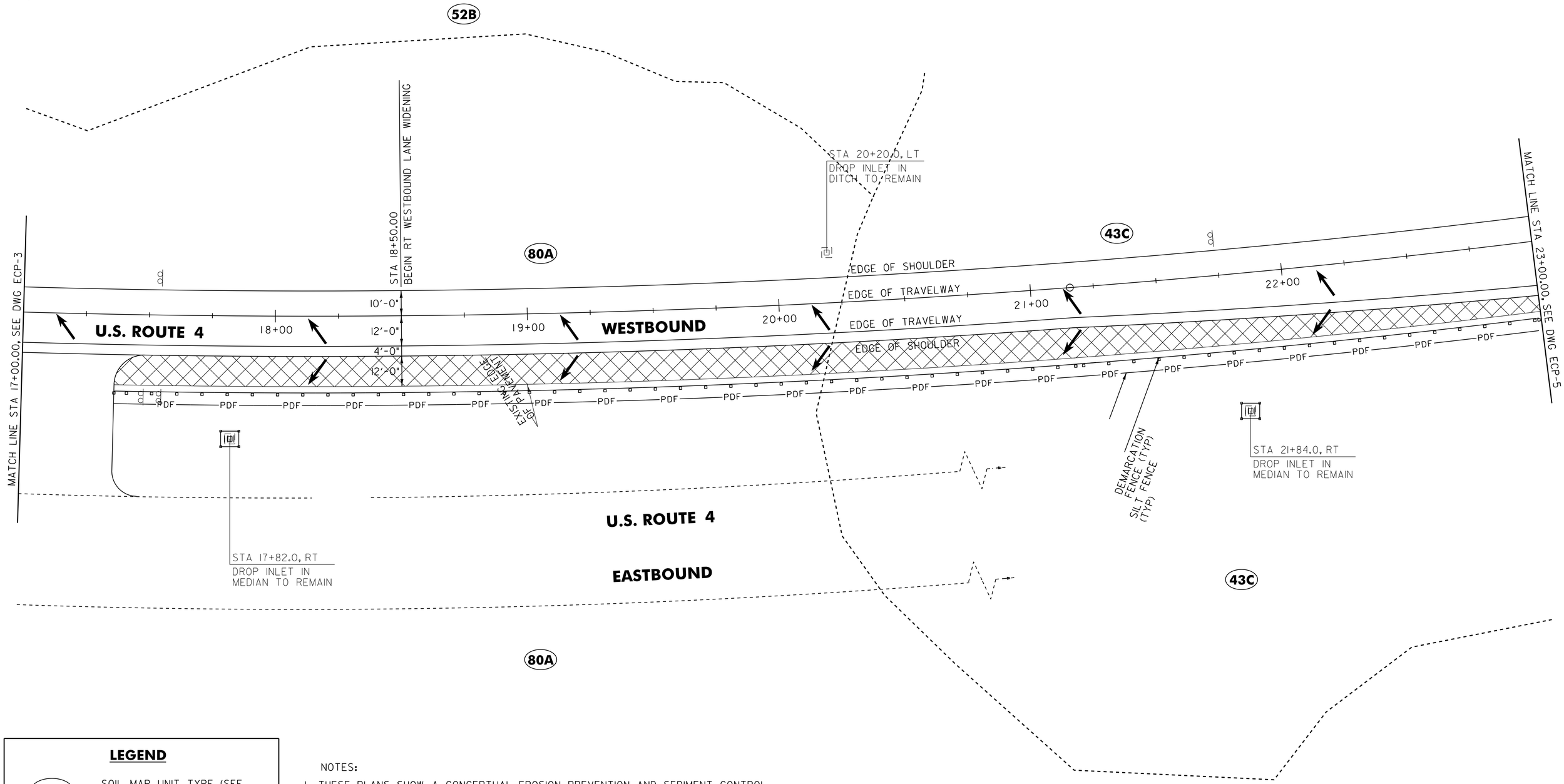
EROSION PREVENTION AND SEDIMENT CONTROL PLAN SHEET #3

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ecp3.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 136 OF 157



LEGEND

- XXX — SOIL MAP UNIT TYPE (SEE SHEET 131 FOR DETAILS)
- SOIL LINE BOUNDARY
- FLOW DIRECTION
- AER E&T — AERIAL ELECTRIC & TELEPHONE
- GEOTEXTILE FOR SILT FENCE
- INLET PROTECTION
- LIMITS OF SOIL DISTURBANCE
- PDF — PROJECT DEMARCATION FENCE

NOTES:

1. THESE PLANS SHOW A CONCEPTUAL EROSION PREVENTION AND SEDIMENT CONTROL PLAN. THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL PLAN FOR APPROVAL.
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3. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER AND ON-SITE PLAN COORDINATOR.
4. REFER TO TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.

649.51 GEOTEXTILE FOR SILT FENCE

U.S. ROUTE 4:
STA 17+37.0 - STA 23+00.0 RT (190 SY)

653.40 INLET PROTECTION DEVICE, TYPE I

U.S. ROUTE 4:
STA 17+82.0 RT
STA 21+84.0 RT

653.55 PROJECT DEMARCATION FENCE

U.S. ROUTE 4:
STA 17+35.0 - STA 23+00.0 RT (569 LF)

NOT TO SCALE

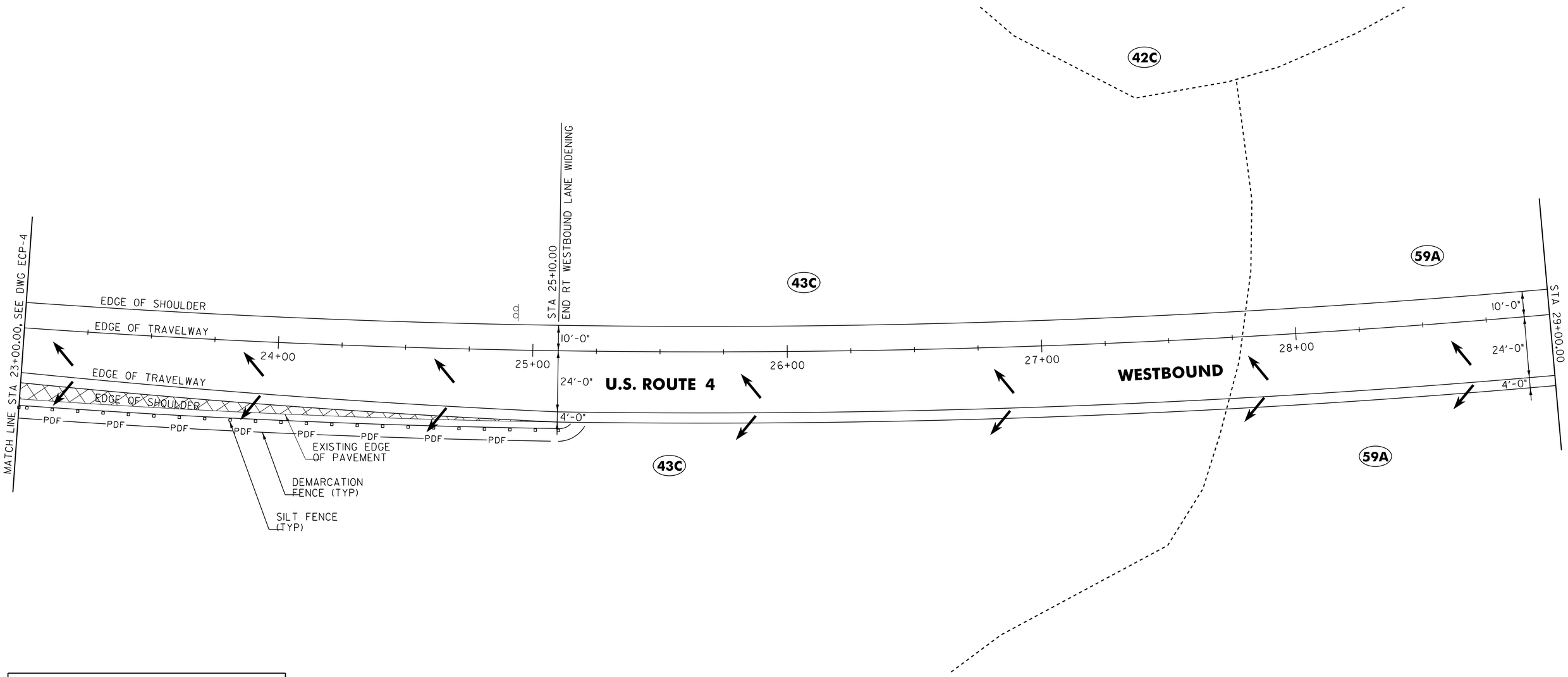
EROSION PREVENTION AND SEDIMENT CONTROL PLAN SHEET #4

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ecp4.i

PLOT DATE: 22-FEB-2012 12:56
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 137 OF 157



LEGEND

- XXX — SOIL MAP UNIT TYPE (SEE SHEET 131 FOR DETAILS)
- SOIL LINE BOUNDARY
- FLOW DIRECTION
- AER E&T — AERIAL ELECTRIC & TELEPHONE
- GEOTEXTILE FOR SILT FENCE
- INLET PROTECTION
- LIMITS OF SOIL DISTURBANCE
- PDF — PROJECT DEMARCATION FENCE

NOTES:

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4. REFER TO TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.

649.51 GEOTEXTILE FOR SILT FENCE

U.S. ROUTE 4:
STA 23+00.0 - STA 25+15.0 RT (73 SY)

653.55 PROJECT DEMARCATION FENCE

U.S. ROUTE 4:
STA 23+00.0 - STA 25+25.0 RT (225 LF)

NOT TO SCALE

EROSION PREVENTION AND SEDIMENT CONTROL PLAN SHEET #5

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234ecp5.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 138 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.16	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
FAIR HAVEN: U.S. ROUTE 4 5+40.0, RT	WELCOME CENTER / WEIGH STATION ↗						1				2												2				548						SALVAGED SIGN TO BE MOUNTED ON NEW POSTS.	-	-
6+19.0, RT	◇	1	18	18	2.25						1					X		X																	SIGN ID CODE OMI-1		E-150
6+71.0, RT	◇	1	18	18	2.25						1					X		X																	SIGN ID CODE OMI-1		E-150
7+45.0, LT	EAST / WEST	1 1	24 24	12 12	2.00 2.00						2					X		X															X	SIGN ID CODE MI-2 SIGN ID CODE MI-4		E-136B E-136A
	VERMONT 4A 4	1 1	24 24	12 12	2.00 2.00																													SIGN ID CODE MI-4 SIGN ID CODE MI-4		E-136B E-136A
	← ↑	1 1	21 21	15 15	2.19 2.19																													SIGN ID CODE M6-1 SIGN ID CODE M6-3		E-136B E-136A
9+00.0, LT	ONLY ↰↑	1	30	30	6.25						1					X		X																	SIGN ID CODE VR-92I		E-145A
												LF	LF	LF	LF	LF 70	LF		EA.	LB	LB	LB		LB	LB	LB	LB 548							
TOTALS		SF 23.13	SF	EA. 1	SF							LF			LF 70					LB			EA. 2	LB 548				EA.	EA.	LB				

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

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234tss01.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 139 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: U.S ROUTE 4 14+55.0, LT	VERMONT 4A NEXT LEFT Welcome Center NEXT LEFT	1	168	132		154.00					3												3				904							143	
	Wi-Fi						1																										SALVAGED SIGN TO BE MOUNTED ON NEW POSTS.	-	-
16+80.0, RT		1	36	36	9.00						1					X		X															SIGN ID CODE R3-4		E-143
18+00.0, LT		1	48	48	16.00						2					X		X															SIGN ID CODE W6-1		E-151
18+00.0, RT		1	48	48	16.00						2					X		X															SIGN ID CODE W6-1		E-151
20+00.0, LT	JCT	1	21	15	2.19						1					X		X															SIGN ID CODE M2-1		E-136B
	VERMONT 4A	1	24	24	4.00																												SIGN ID CODE MI-4		E-136B
34+60.0, LT		1	48	48	16.00						2					X		X															SIGN ID CODE W4-2L		E-151
34+60.0, RT		1	48	48	16.00						2					X		X															SIGN ID CODE W4-2L		E-151
												LF	LF	LF	LF	LF 140	LF		EA.	LB	LB	LB		LB	LB	LB	LB 904								
TOTALS		SF 79.19	SF 154.00	EA. 1	SF							LF			LF 140					LB			EA. 3	LB 904			EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234tss02.i

PLOT DATE: 22-FEB-2012 12:51
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 140 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUNDATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
															1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
FAIR HAVEN: U.S ROUTE 4 34+90.0, LT	JUNCTION VERMONT 4A 1/2 MILE	1	102	108		76.50					2												2				585						143	
39+34.0, LT	SPEED LIMIT 55	1	48	60	20.00						2					X		X														SIGN ID CODE R2-1		E-142
39+34.0, RT	SPEED LIMIT 55	1	48	60	20.00						2					X		X														SIGN ID CODE R2-1		E-142
42+70.0, LT	Welcome Center 3/4 MILE	1	96	84		56.00					2												2		315								143	
45+93.0, LT	SPEED LIMIT 55	1	48	48	16.00						2					X		X																143	
45+93.0, RT	SPEED LIMIT 55	1	48	48	16.00						2					X		X																143	
62+24.0, LT	JUNCTION VERMONT 4A 1 MILE	1	96	108		72.00					2												2				689						143	
												LF	LF	LF	LF	LF 112	LF		EA.	LB	LB	LB		LB	LB 315	LB	LB 1274							
	TOTALS				SF 72.00	SF 204.50	EA.	SF				LF			LF 112					LB			EA. 6	LB 1589				EA.	EA.	LB				

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

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234tss03.i

PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 141 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

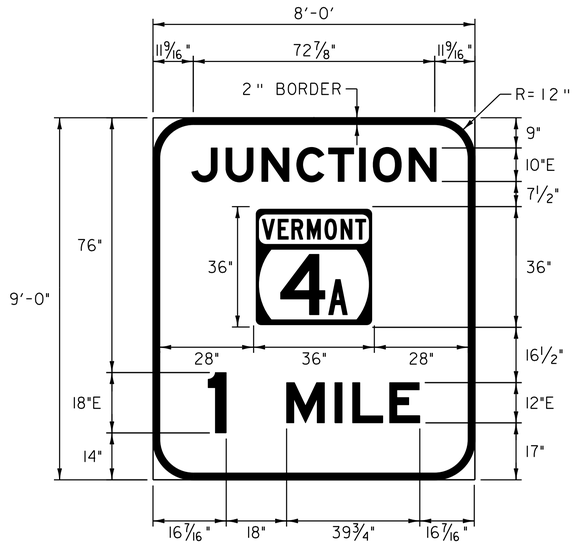
TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: VT. ROUTE 4A: 1+15.0, RT	STOP	1	24	30	5.00						1					X		X														BACK-TO-BACK		E-144
		1	30	30	6.25																											SIGN ID CODE R4-7 SIGN ID CODE RI-1		E-143
		1	18	18	2.25																											BACK-TO-BACK		E-150
		1	18	18	2.25																											SIGN ID CODE OMI-1 SIGN ID CODE OMI-1		E-150
	0040 1107 0013	1	6	10	0.42																											SIGN ID CODE VD-700		E-138
1+30.0, RT		1	18	18	2.25						1					X		X														SIGN ID CODE OMI-1		E-150
1+40.0, LT	STOP	1	30	30	6.25						1					X		X														SIGN ID CODE RI-1		E-143
1+43.0, RT	YIELD 36x36x36	1			3.90						1					X		X														SIGN ID CODE RI-2		E-146
1+69.0, LT	WEST EAST	1	24	12	2.00						2					X		X														X	SIGN ID CODE M3-4		E-136A
		1	24	12	2.00																											SIGN ID CODE M3-2		E-136A
	4 4	1	24	24	4.00																											SIGN ID CODE MI-4		E-136A
		1	24	24	4.00																											SIGN ID CODE MI-4		E-136A
		1	21	15	2.19																											SIGN ID CODE M6-1		E-136A
		1	21	15	2.19																											SIGN ID CODE M6-1		E-136A
	SUBTOTAL THIS SHEET				44.95	-	-									84							-			-	-								
	SHEET 139 SUBTOTAL				23.13	-	1									70							2			-	548								
	SHEET 140 SUBTOTAL				79.19	154.00	1									140							3			-	904								
	SHEET 141 SUBTOTAL				72.00	204.50	-									112							6			315	1274								
	ROUNDING				0.73	0.50	-									9							-			5	4								
												LF	LF	LF	LF	LF 415	LF		EA.	LB	LB	LB		LB	LB	LB 320	LB 2730								
TOTALS			SF 220	SF 359	EA. 2	SF						LF			LF 415					LB			EA. 11	LB 3050			EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #4

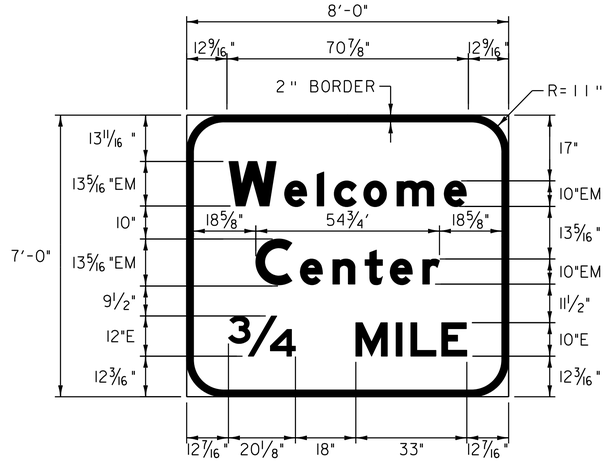
PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: NH HES 020-1(21)
FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234tss04.i
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 142 OF 157



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-131

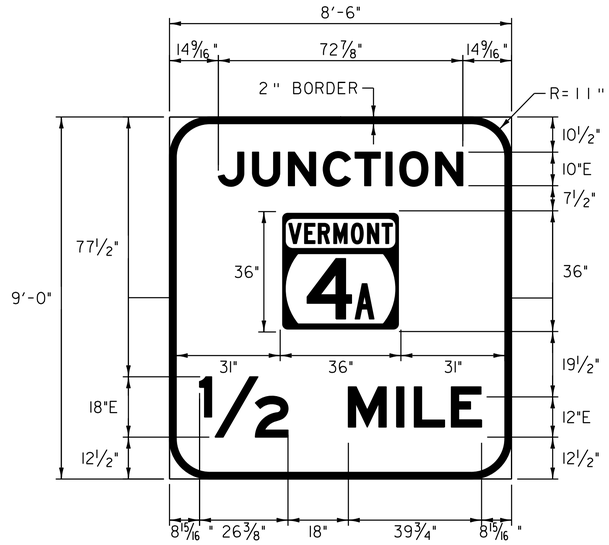
LOCATION: U.S. ROUTE 4
FAIR HAVEN:
STA 62+24.0, LT



COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)
BLUE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-131

LOCATION: U.S. ROUTE 4
FAIR HAVEN:
STA 42+70.0, LT



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND (RETROREFLECTIVE)

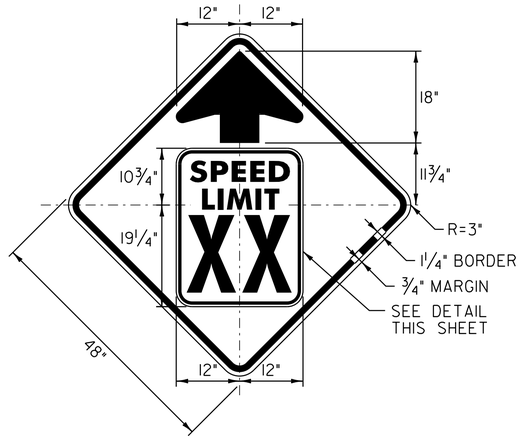
MATERIAL: PER VAOT STANDARD E-131

LOCATION: U.S. ROUTE 4
FAIR HAVEN:
STA 34+90.0, LT

COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
BLUE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-131

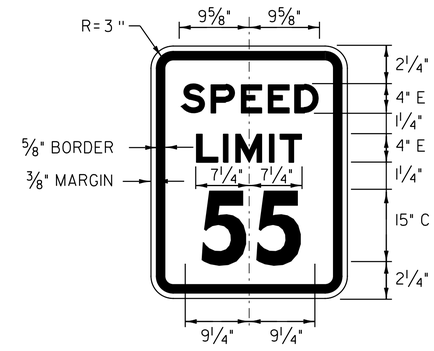
LOCATION: U.S. ROUTE 4
FAIR HAVEN:
STA 14+55.0, LT



COLOR: BLACK BORDER & LEGEND
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-151

LOCATIONS: U.S. ROUTE 4
FAIR HAVEN:
STA 45+93.0, LT
STA 45+93.0, RT



COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (RETROREFLECTIVE)

NOT TO SCALE

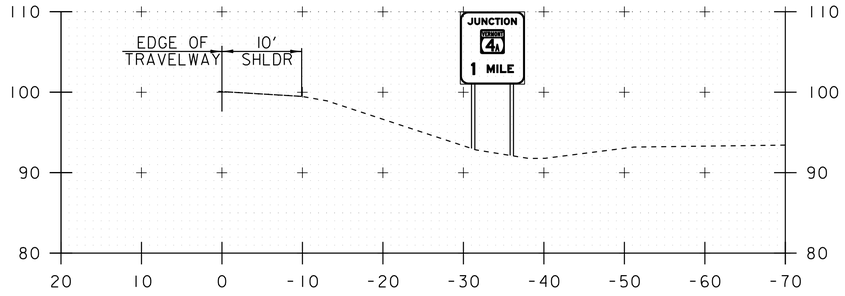
TRAFFIC SIGN DETAIL SHEET

PROJECT NAME: FAIR HAVEN

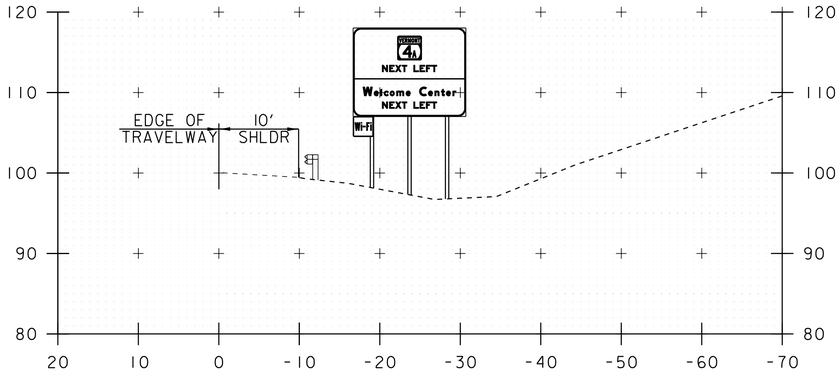
PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234<tsd01>>.i

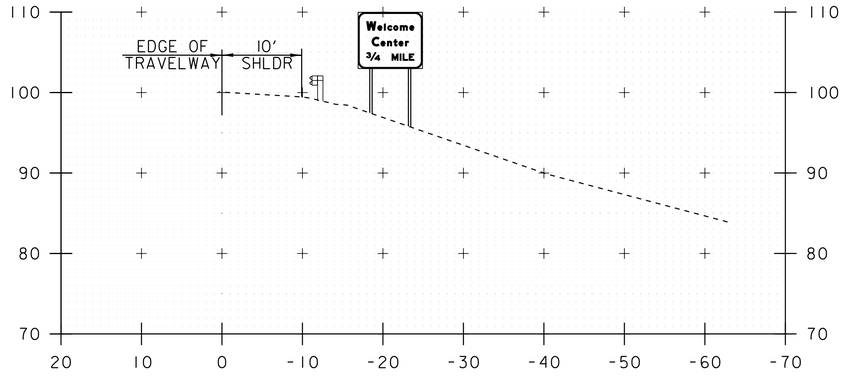
PLOT DATE: 22-FEB-2012 12:57
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 143 OF 157



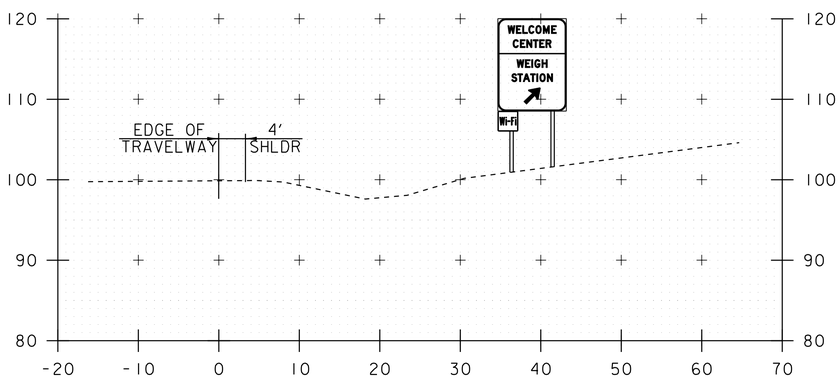
STA 62+24.0, LT
LEFT POST = 23.1'
RIGHT POST = 24.0'
5" DIAMETER TUBULAR STEEL



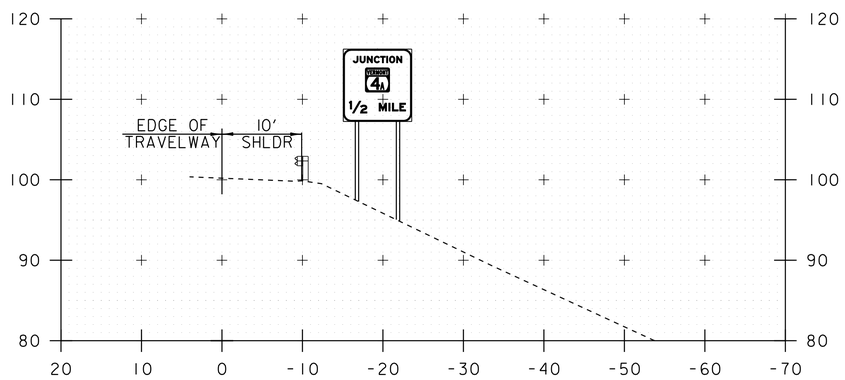
STA 14+55.0, LT
LEFT POST = 19.9'
MIDDLE POST = 20.8'
RIGHT POST = 21.2'
5" DIAMETER TUBULAR STEEL



STA 42+70.0, LT
LEFT POST = 16.7'
RIGHT POST = 18.3'
3.5" DIAMETER TUBULAR STEEL



STA 5+40.0, RT
LEFT POST = 19.1'
RIGHT POST = 18.4'
5" DIAMETER TUBULAR STEEL



STA 34+90.0, LT
LEFT POST = 18.8'
RIGHT POST = 21.3'
5" DIAMETER TUBULAR STEEL

NOT TO SCALE

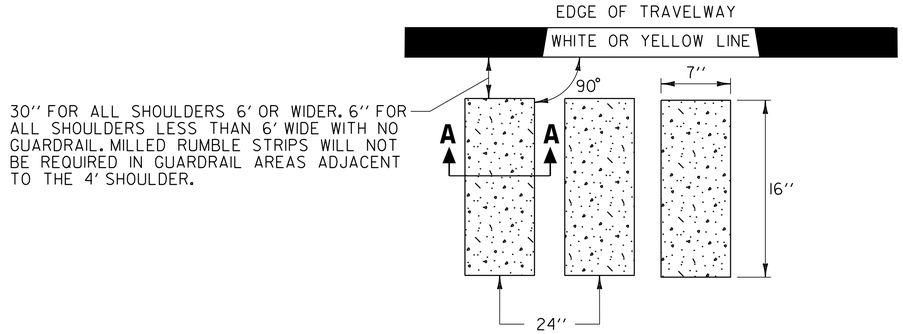
TRAFFIC SIGN CROSS SECTIONS

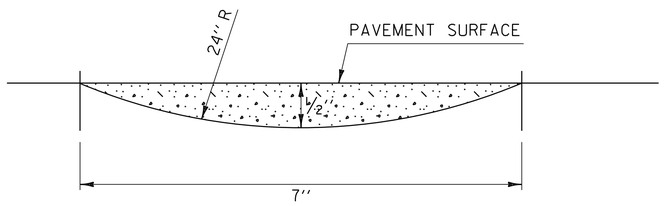
PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234xsc.i

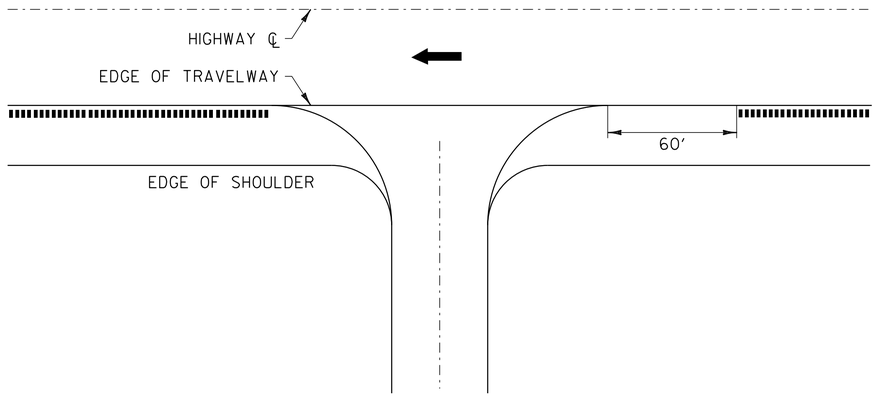
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 144 OF 157



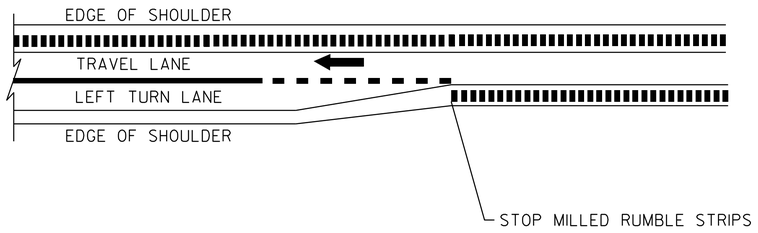


SECTION A–A

TYPICAL RUMBLE STRIP MILLING DETAIL



U–TURN DETAIL

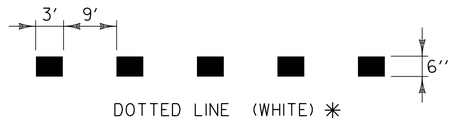


LEGEND

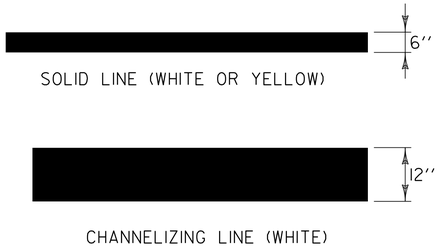
DIRECTION OF TRAFFIC FLOW

MILLED RUMBLE STRIPS

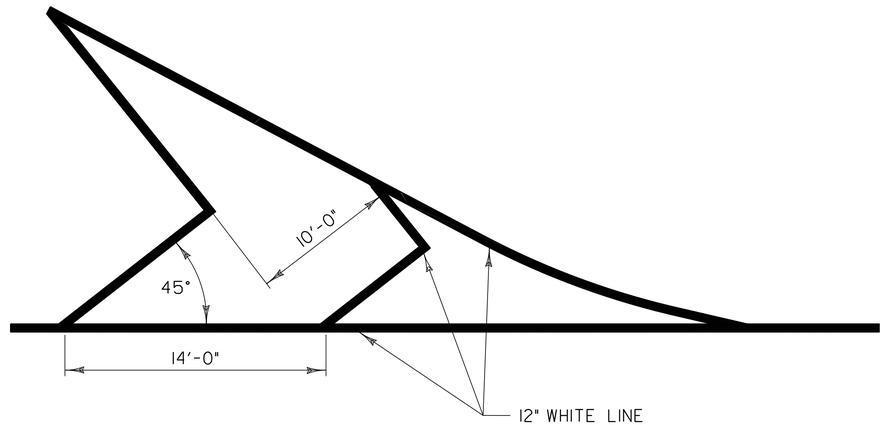
LEFT TURN LANE MILLED RUMBLE STRIP DETAIL



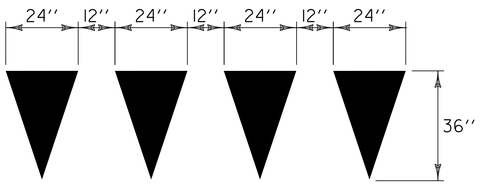
✳ TO BE INSTALLED ONLY AT THE DIRECTION OF THE RESIDENT ENGINEER



PAVEMENT MARKING LINE DETAILS



GORE MARKING DETAILS



YIELD LINE DETAILS

TO BE PAID AS ONE LETTER OR SYMBOL PER TRIANGLE.

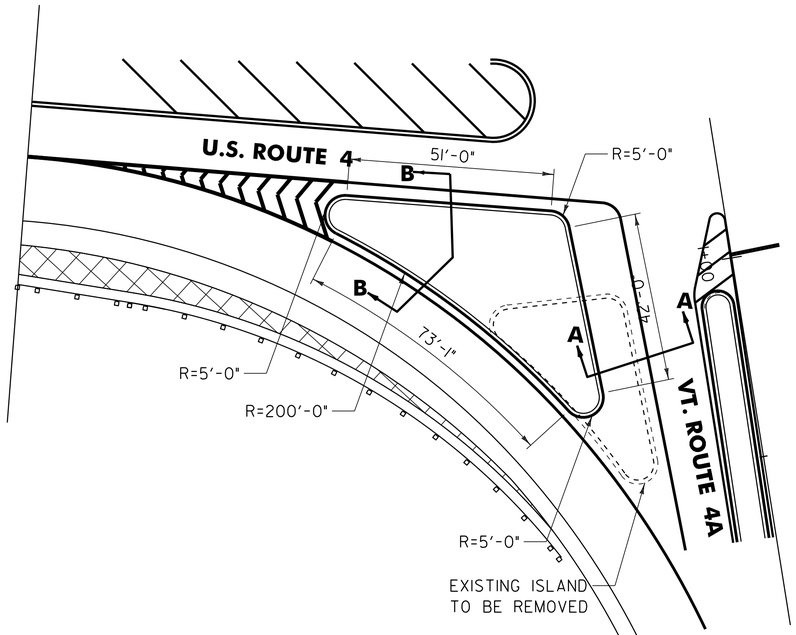
MISCELLANEOUS DETAIL SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-I(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234md01.i

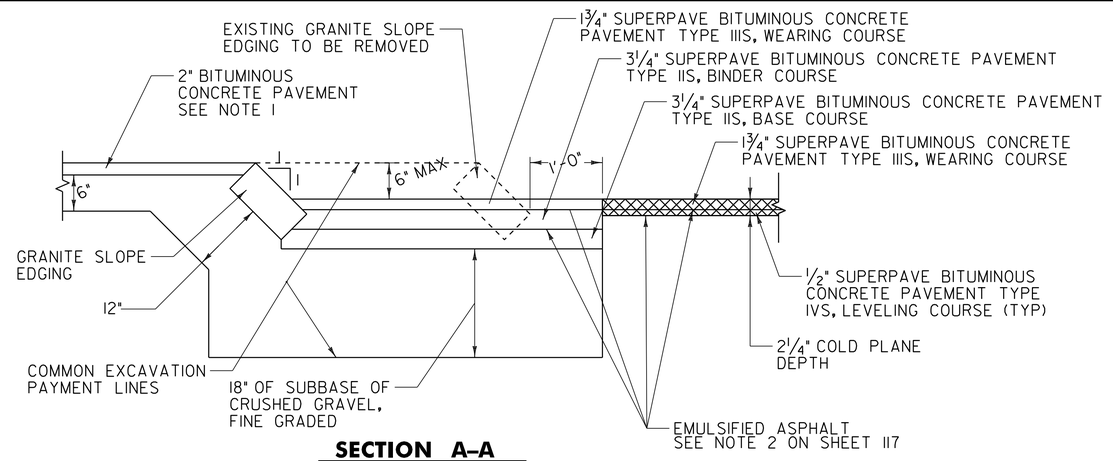
PLOT DATE: 22-FEB-2012 12:57
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 145 OF 157



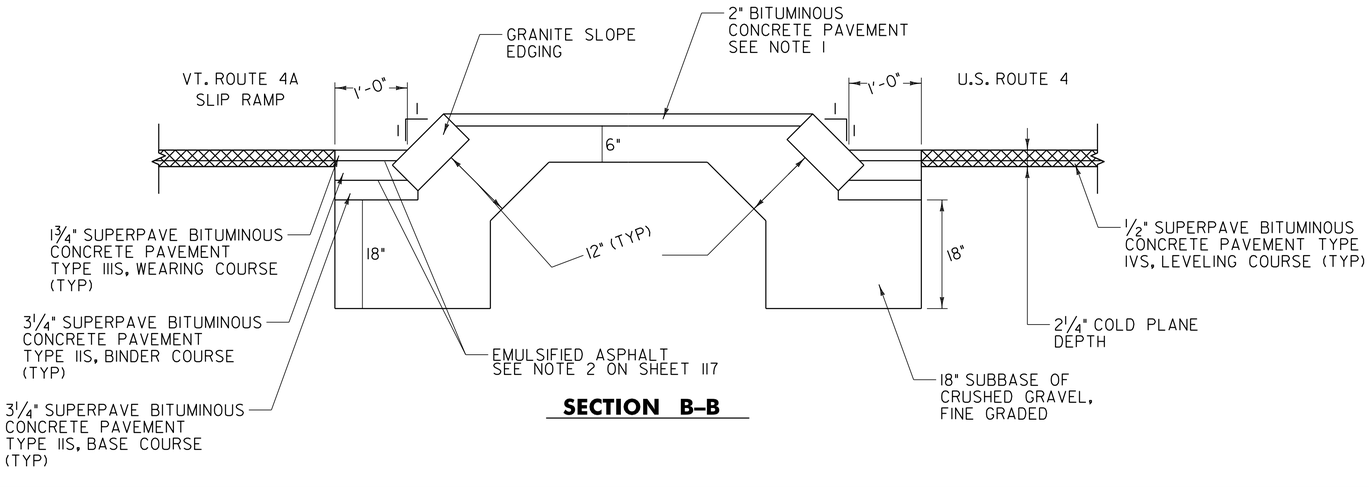
PLAN VIEW

NOTE:

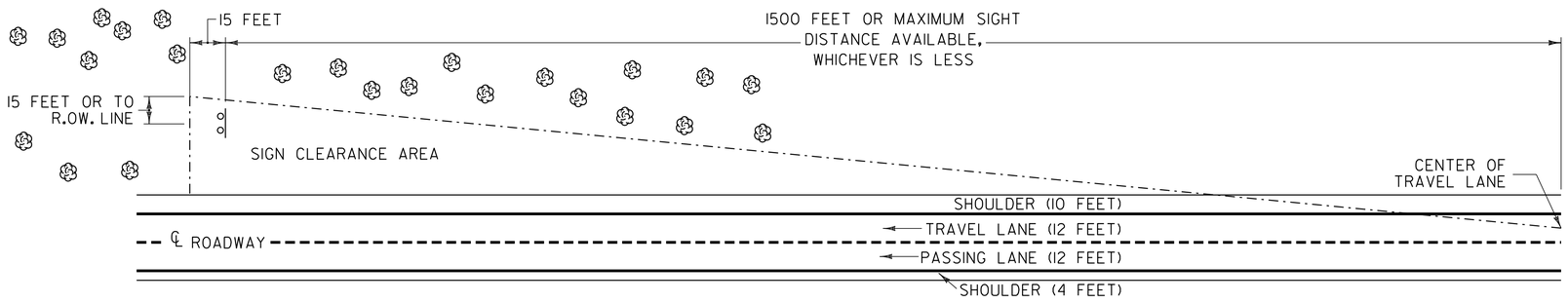
1. THE CONTRACTOR SHALL PAVE A 2" LIFT OF BITUMINOUS CONCRETE PAVEMENT WITHIN THE ISLAND AS SHOWN ON THE PLANS. ALL WORK ASSOCIATED WITH THE PLACEMENT OF BITUMINOUS CONCRETE PAVEMENT SHALL BE PAID FOR UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.



SECTION A–A



SECTION B–B



THINNING AND TRIMMING FOR SIGNS DETAIL

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

SIGN LOCATION:

FAIR HAVEN:

WESTBOUND:
STA 34+90.0, LT
STA 42+27.0, LT
STA 62+24.0, LT

MISCELLANEOUS DETAILS SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: NH HES 020-1(21)

FILE NAME: 08b234.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
DWG. NO. 08b234md02.i

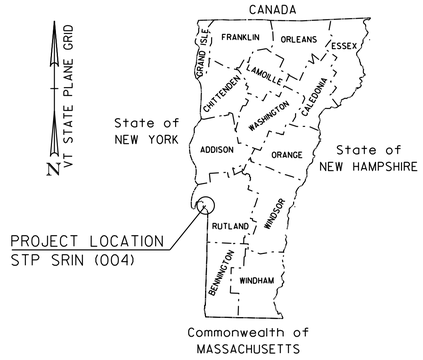
PLOT DATE: 22-FEB-2012 12:5
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 146 OF 157

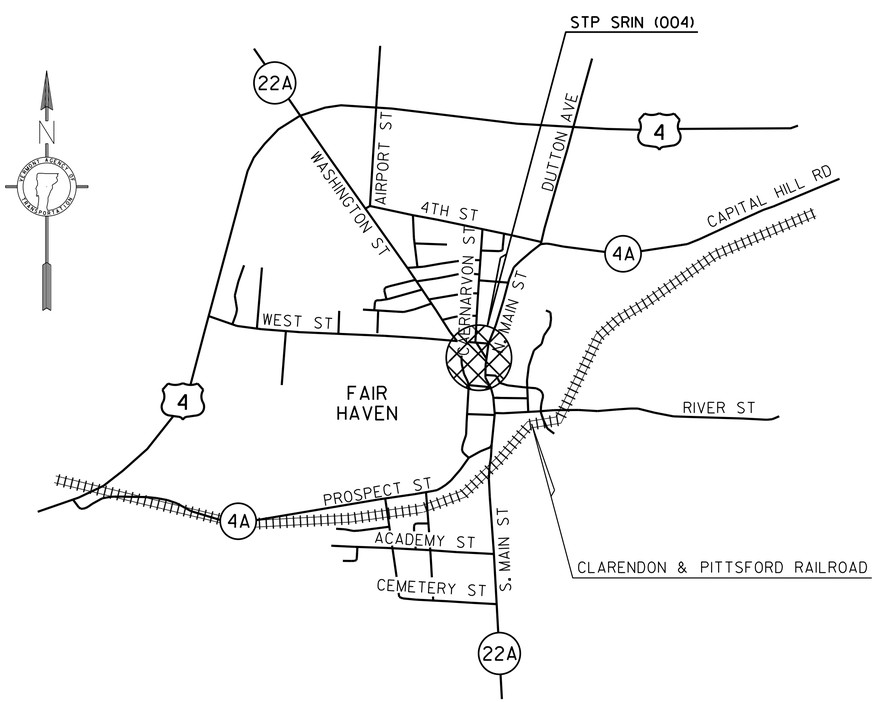
INDEX OF SHEETS
SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
TOWN OF FAIR HAVEN
COUNTY OF RUTLAND
FAIR HAVEN STP SRIN (004)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE RELOCATION OF AN EXISTING SCHOOL CROSSWALK WITH THE INSTALLATION OF NEW BULB OUTS, CROSSWALK PAVEMENT MARKINGS, SCHOOL ZONE SIGNING IMPROVEMENTS AND INCIDENTAL ITEMS.





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

SR SR SR

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 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.

PROJECT MANAGER : TED DOMEY

PROJECT NAME : FAIR HAVEN
PROJECT NUMBER : STP SRIN (004)

SHEET 147 OF 157 SHEETS

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP SRIN(004)

SUMMARY OF ESTIMATED QUANTITIES

FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
	20	20	CY	COMMON EXCAVATION	203.15	0.7
	20	20	CY	TRENCH EXCAVATION	204.20	
	1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	
	24	24	TON	SUBBASE CRUSHED GRAVEL, FINE GRADED	301.28	0.5
	1	1	LS	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	
				BEGIN OPTION BB		
	2	2	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	
				(0.0% RAP CONTENT)		
	2	2	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	
				(0.0% < RAP CONTENT < 15.0%))		
	2	2	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	
				(15.0% <= RAP CONTENT < 25.0%)		
	2	2	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	
				(25.0% <= RAP CONTENT <= 50.0%)		
				END OPTION BB		
				BEGIN OPTION CC		
	28	28	LF	18" CSP .064 (2 2/3" x ½")	601.0015	
	28	28	LF	18" CPEP (SL)	601.2615	
				END OPTION CC		
	2	2	EA	CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.10	
	1	1	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	
	1	1	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	
	120	120	LF	VERTICAL GRANITE CURB	616.21	
	71	71	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	0.7
	20	20	SF	DETECTABLE WARNING SURFACE	618.30	
	100	100	HR	UNIFORMED TRAFFIC OFFICERS	630.10	
	150	150	HR	FLAGGERS	630.15	
0.1		0.1	LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	
	12	12	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	
	35	35	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	4.5
	24	24	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	
	70	70	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	
	77	77	SF	TRAFFIC SIGNS, TYPE A	675.20	
	150	150	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	10
	12	12	EA	REMOVING SIGNS	675.50	
	1	1	EA	ERECTING SALVAGED SIGNS	675.60	
	2	2	EA	SPECIAL PROVISION (SOLAR-POWERED SCHOOL ZONE FLASHING BEACON)	900.620	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
2	TON	BASE COURSE (TYPE IS)
2	TON	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058qsl.i

PLOT DATE: 22-FEB-2012 12:57
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 148 OF 157

ITEM DETAIL SUMMARY SHEET

LOCATION			SIDEWALK					DRAINAGE		REMARKS
			203.15	301.28	616.21	618.10	618.30	604.412	604.415	
BEGIN STATION	END STATION	POS.	COMMON EXCAV.	CRUSHED GRAVEL, FINE GRADED	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	DETECTABLE WARNING SURFACE	REHAB. DI, CB, MH CLASS I	REHAB. DI, CB, MH CLASS II	
			CY	TON	LF	SY	SF	EA	EA	
FAIR HAVEN:										
97+75.0	98+30.0	RT	9.4	11.5	60	34.3	10			CONSTRUCT BULB OUT WITH DETECTABLE WARNING SURFACE. SEE SHEET 156 FOR BULB OUT DETAIL.
97+83.0	98+30.0	LT	9.9	12.0	60	36.0	10			CONSTRUCT BULB OUT WITH DETECTABLE WARNING SURFACE. SEE SHEET 156 FOR BULB OUT DETAIL.
97+97.0		RT						1		
97+97.0		LT							1	
SHEET SUBTOTAL			19.3	23.5	120	70.3	20	1	1	
ROUNDING			0.7	0.5	-	0.7	-	-	-	
TOTAL			20.0	24.0	120	71.0	20	1	1	

ITEM DETAIL SUMMARY SHEET

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058.i

PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 149 OF 157

DRAINAGE SUMMARY SHEET DD-1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE	DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCDI	DEPTH DI	CONC CL B	REIN STEEL	DI GRATE	CHAN ELEV	CRM	TR EXCAV		COMM EXC	UNC CHAN EXC	STRUC EXCAV	GRAN BKF STRUC	GRAN BORR	GEO UNDER DRAIN	STONE FILL		MRKR POSTS		6" UNDER DRAIN	6" CARRIER PIPE	REMARKS
				IN/OUT	IN	OUT	S	R	L	D	L	PCCSP	CAAP	RCP	CSP	CPEP	PCCSP PI	NO-DEG	E A			FT	CY	LBS	TYPE		CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT	RT	LF	LF	
							IN	IN	FT	IN	FT	TH	TH	CL	TH	SL	TH																									
FAIR HAVEN:																																									
97+97.0	98+25.0	LT				X				18	28				0.064	X				1		4.0	2.6	203	-			15													INSTALL 4 FT x 4 FT CB W/GRATE. INSTALL 18 INCH PIPE TO OULET TO EXISTING DI.
98+25.0		RT				X														1		7.5	4.1	317	-			5													INSTALL 4 FT x 4 FT CB W/GRATE. CONNECT EXISTING RCP INTO PROPOSED STRUCTURE.
TOTALS										18	28				0.064	X				2		11.5	6.7	520	-			20													

DRAINAGE SUMMARY SHEET

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058.i

PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 150 OF 157

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

FAIR HAVEN:
STA 94+85.50 RT, "S,C,H,O,O,L" (6 EA) (SEE NOTE 3)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

FAIR HAVEN:
STA 94+85.50 RT, "S,C,H,O,O,L" (12 EA) (SEE NOTE 3)

646.502 DURABLE CROSSWALK MARKINGS, THERMOPLASTIC

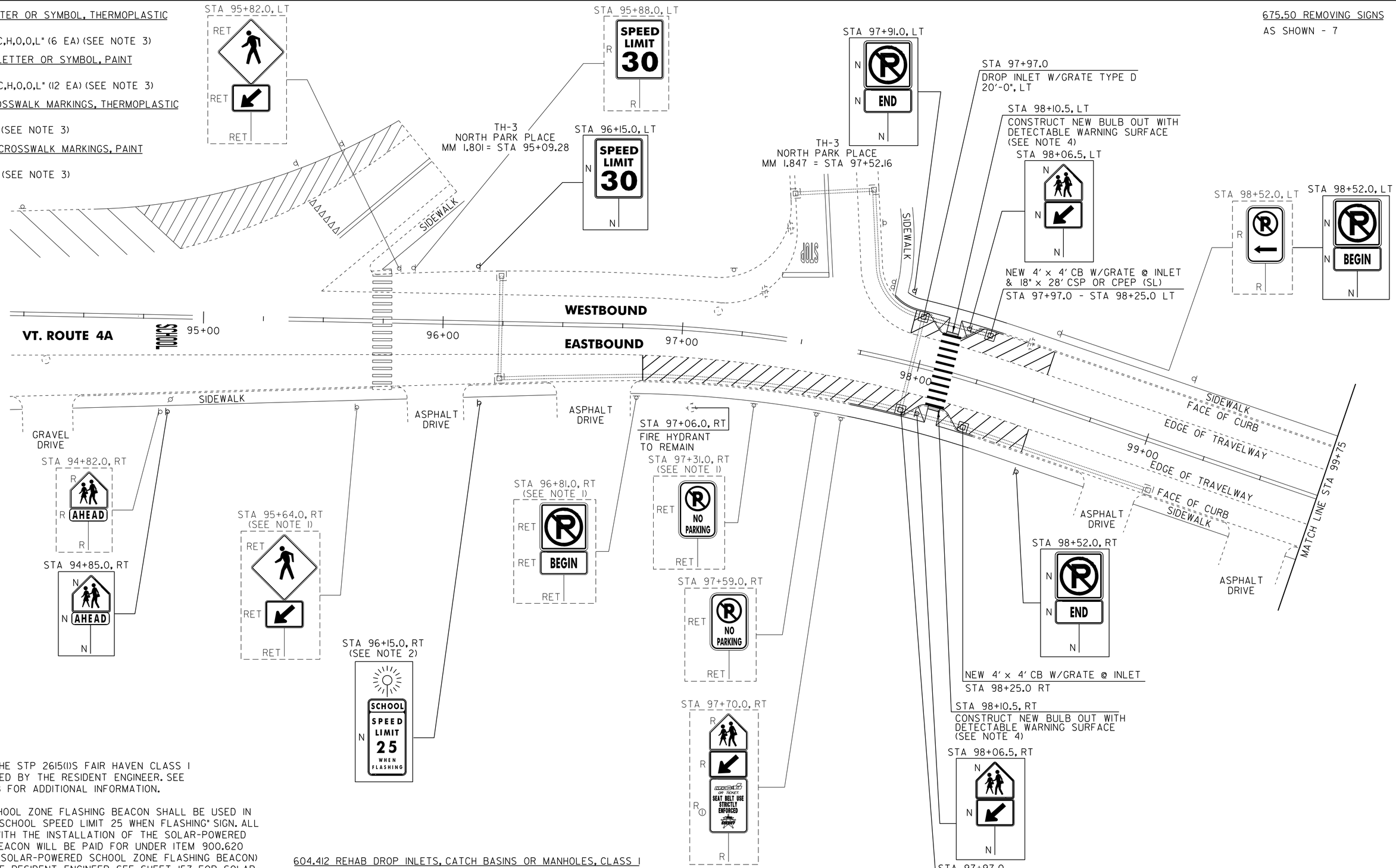
FAIR HAVEN:
STA 98+10.50 LT/RT (SEE NOTE 3)

646.702 TEMPORARY CROSSWALK MARKINGS, PAINT

FAIR HAVEN:
STA 98+10.50 LT/RT (SEE NOTE 3)

675.50 REMOVING SIGNS

AS SHOWN - 7



NOTES:

1. INSTALLED UNDER THE STP 2615(I)S FAIR HAVEN CLASS I PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEETS 97 THRU 98 FOR ADDITIONAL INFORMATION.
2. SOLAR-POWERED SCHOOL ZONE FLASHING BEACON SHALL BE USED IN CONJUNCTION WITH "SCHOOL SPEED LIMIT 25 WHEN FLASHING" SIGN. ALL WORK ASSOCIATED WITH THE INSTALLATION OF THE SOLAR-POWERED SCHOOL FLASHING BEACON WILL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (SOLAR-POWERED SCHOOL ZONE FLASHING BEACON) AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEET 157 FOR SOLAR-POWERED SCHOOL ZONE FLASHING BEACON DETAILS.
3. ALL PAVEMENT MARKINGS SHALL BE PLACED IN CONJUNCTION WITH THE STP 2615(I)S PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.
4. SEE SHEET 156 FOR BULB OUT DETAILS.
5. FOR CLARITY, NOT ALL OF THE EXISTING AND PROPOSED SIGNS HAVE BEEN SHOWN ON THE PROJECT LAYOUT SHEETS.

604.412 REHAB DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

FAIR HAVEN:
STA 97+97.0 RT

604.415 REHAB DROP INLETS, CATCH BASINS OR MANHOLES, CLASS II

FAIR HAVEN:
STA 97+97.0 LT

900.620 SPECIAL PROVISION (SOLAR-POWERED SCHOOL ZONE FLASHING BEACON)

FAIR HAVEN:
STA 96+15.0 RT (1 EA)

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———————
① = RETURN TO TOWN OF FAIR HAVEN

NOT TO SCALE

PROJECT LAYOUT SHEET #1

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058.i

PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 151 OF 157

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

FAIR HAVEN:
STA 102+15.0 LT, "S,C,H,0,0,L" (6 EA) (SEE NOTE 3)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

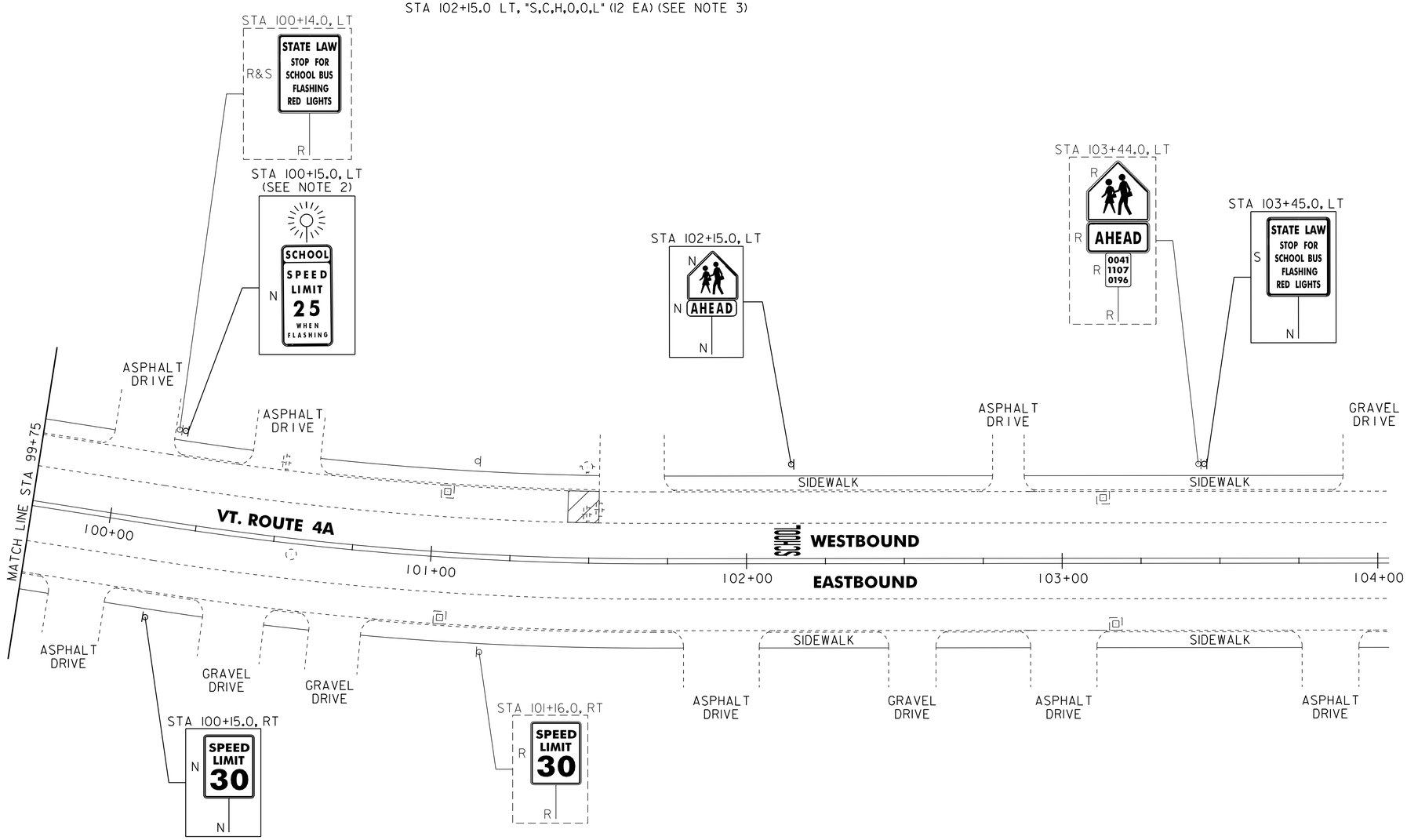
FAIR HAVEN:
STA 102+15.0 LT, "S,C,H,0,0,L" (12 EA) (SEE NOTE 3)

675.50 REMOVING SIGNS

AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 1



NOTES:

1. INSTALLED UNDER THE STP 2615(I)S FAIR HAVEN CLASS I PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEETS 98 THRU 99 FOR ADDITIONAL INFORMATION.

2. INSTALLED UNDER THE STP 2615(I)S FAIR HAVEN CLASS I SOLAR-POWERED SCHOOL ZONE FLASHING BEACON SHALL BE USED IN CONJUNCTION WITH "SCHOOL SPEED LIMIT 25 WHEN FLASHING" SIGN. ALL WORK ASSOCIATED WITH THE INSTALLATION OF THE SOLAR-POWERED SCHOOL FLASHING BEACON WILL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (SOLAR POWERED SCHOOL ZONE FLASHING BEACON) AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEET 157 FOR SOLAR POWERED SCHOOL ZONE FLASHING BEACON DETAILS.

3. ALL PAVEMENT MARKINGS SHALL BE PLACED IN CONJUNCTION WITH THE STP 2615(I)S PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.

4. FOR CLARITY, NOT ALL OF THE EXISTING AND PROPOSED HAVE BEEN SHOWN ON THE PROJECT LAYOUT SHEETS.

900.620 SPECIAL PROVISION (SOLAR-POWERED SCHOOL ZONE FLASHING BEACON)

FAIR HAVEN:
STA 100+15.0 LT (1 EA)

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

NOT TO SCALE

PROJECT LAYOUT SHEET #2

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058.i

PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 152 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: VT. ROUTE 4A: 94+85.0, RT		1	30	30	6.25						1					X		X															SIGN ID CODE S1-1 SIGN SHALL BE FLUORESCENT-YELLOW GREEN.		E-153
	AHEAD	1	24	12	2.00																												SIGN ID CODE W16-9p SIGN SHALL BE FLUORESCENT-YELLOW GREEN.	155	
96+15.0, RT		1	24	48	8.00																												SIGN ID CODE S5-1 SIGN TO BE INSTALLED ON SCHOOL ZONE FLASHING BEACON POLE. (SEE SHEET 157 FOR DETAILS)	155	
96+15.0, LT		1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
97+91.0, LT		1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																												SIGN ID CODE M4-6		E-140
98+06.5, LT		1	30	30	6.25						1					X		X															SIGN ID CODE S1-1 SIGN SHALL BE FLUORESCENT-YELLOW GREEN.		E-153
		1	24	12	2.00																												SIGN ID CODE W16-7p SIGN SHALL BE FLUORESCENT-YELLOW GREEN.		E-152
98+06.5, RT		1	30	30	6.25						1					X		X															SIGN ID CODE S1-1 SIGN SHALL BE FLUORESCENT-YELLOW GREEN.		E-153
		1	24	12	2.00																												SIGN ID CODE W16-7p SIGN SHALL BE FLUORESCENT-YELLOW GREEN.		E-152
											LF	LF	LF	LF	LF 70	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 43.75	SF	EA.	SF					LF			LF 70			LB		EA.	LB			EA.	EA.	LB								

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

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss01.i

PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 153 OF 157

STATE OF VERMONT
AGENCY OF TRANSPORTATION

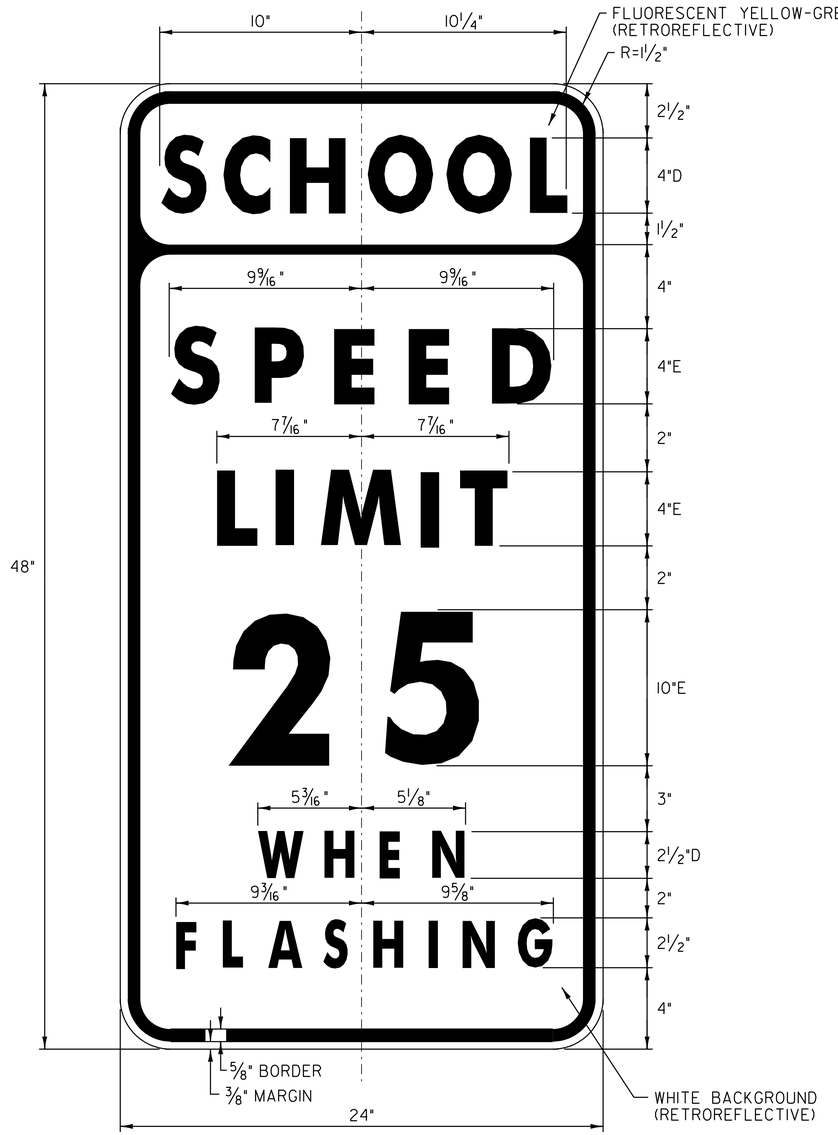
TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.16	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
FAIR HAVEN: VT. ROUTE 4A 98+52.0, LT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	BEGIN	1	24	12	2.00																												SIGN ID CODE M4-11		E-140
98+52.0, RT	R	1	24	24	4.00						1					X		X															SIGN ID CODE R8-3A		E-143
	END	1	24	12	2.00																												SIGN ID CODE M4-6		E-140
100+15.0, LT	SCHOOL SPEED LIMIT 25 WHEN FLASHING	1	24	48	8.00																												SIGN ID CODE S5-1 SIGN TO BE INSTALLED ON SCHOOL ZONE FLASHING BEACON POLE. (SEE SHEET 157 FOR DETAILS)	155	
100+15.0, LT	SPEED LIMIT 30	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		E-142
102+15.0, LT		1	30	30	6.25						1					X		X															SIGN ID CODE S1-1 SIGN SHALL BE FLUORESCENT-YELLOW GREEN.		E-153
	AHEAD	1	24	12	2.00																												SIGN ID CODE W16-9p SIGN SHALL BE FLUORESCENT-YELLOW GREEN.	155	
103+45.0, LT	STATE LAW STOP FOR SCHOOL BUS FLASHING RED LIGHTS						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
	SHEET SUBTOTAL				33.25		1									70																				
	SHEET 153 SUBTOTAL				43.75		-									70																				
	ROUNDING				-		-									10																				
												LF	LF	LF	LF	LF 150	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 77.00	SF	EA. 1	SF				LF			LF 150					LB			EA.	LB				EA.	EA.	LB					

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

TRAFFIC SIGN SUMMARY SHEET #2

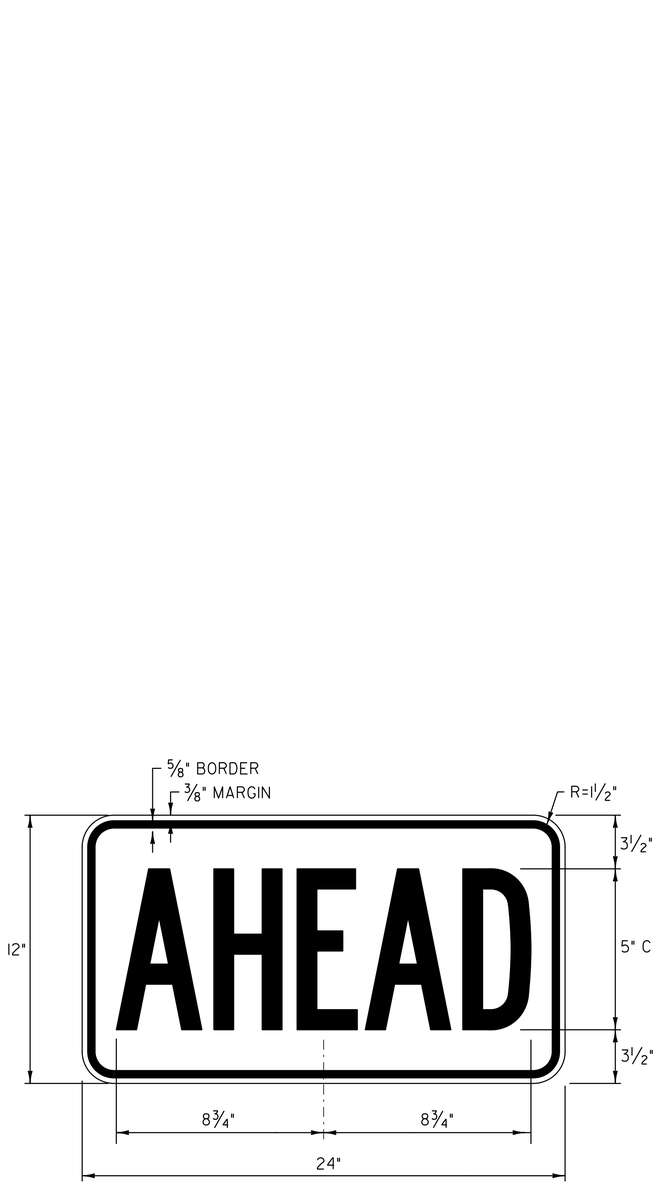
PROJECT NAME: FAIR HAVEN
PROJECT NUMBER: STP SRIN (004)
FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058tss02.i
PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 154 OF 157



COLOR: BLACK BORDER & TEXT
FLUORESCENT YELLOW-GREEN BACKGROUND (RETROREFLECTIVE)
& WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-142

LOCATION: VT. ROUTE 4A:
FAIR HAVEN:
STA 96+15.0, RT
STA 100+15.0, LT



COLOR: BLACK BORDER & TEXT
FLUORESCENT YELLOW-GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-153

LOCATIONS: VT. ROUTE 4A:
FAIR HAVEN
STA 94+85.0, RT
STA 102+15.0, LT

NOT TO SCALE

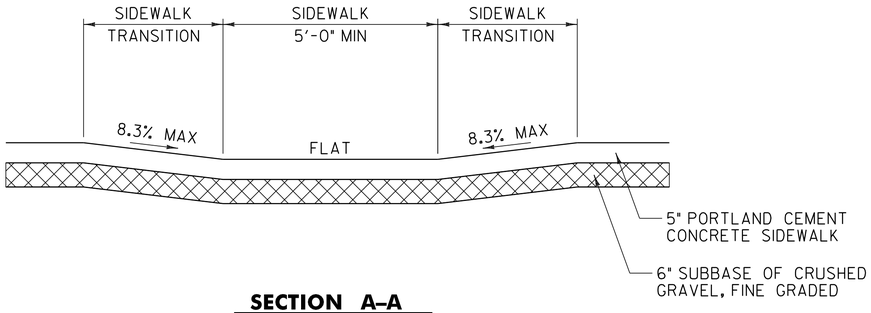
TRAFFIC SIGN DETAIL SHEET

PROJECT NAME: FAIR HAVEN

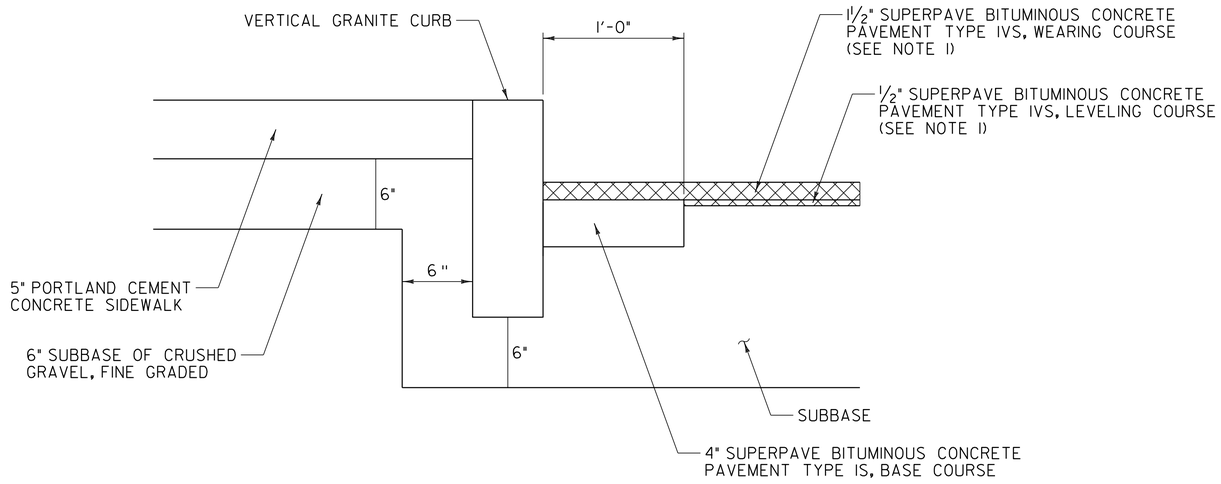
PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058.i

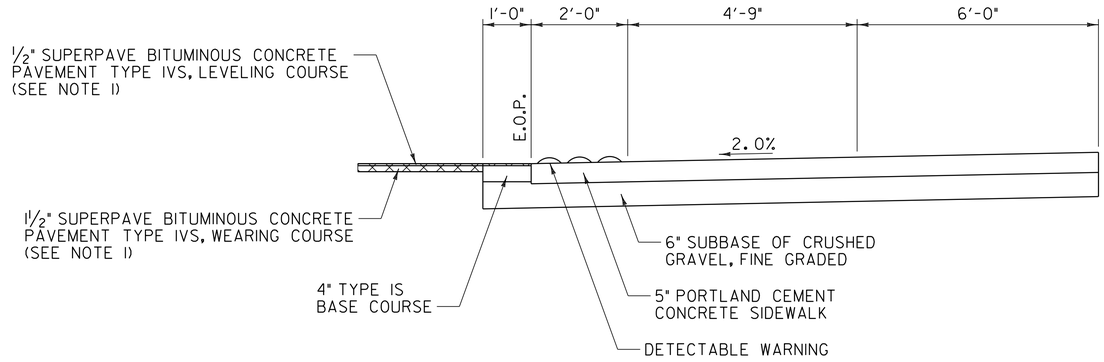
PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 155 OF 157



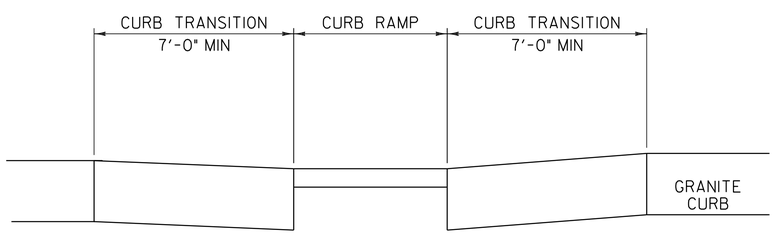
SECTION A–A



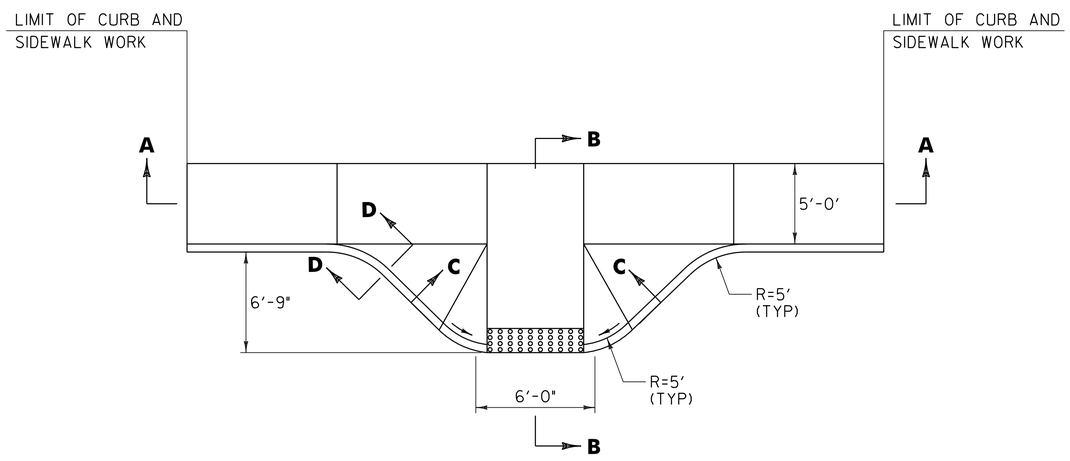
SECTION D–D



SECTION B–B



SECTION C–C



BULB OUT DETAIL

STA 97+75.0 - STA 98+30.0 RT
STA 97+83.0 - STA 98+30.0 LT

NOTE:

1. THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF THE TYPE IVS WEARING COURSE AND TYPE IVS LEVELING COURSE UNDER THE STP 2615(1)S PROJECT WITH THE CONSTRUCTION OF THE BULB OUTS AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THE WEARING COURSE AND LEVELING COURSE SHALL BE MADE UNDER THE STP 2615(1)S PROJECT.

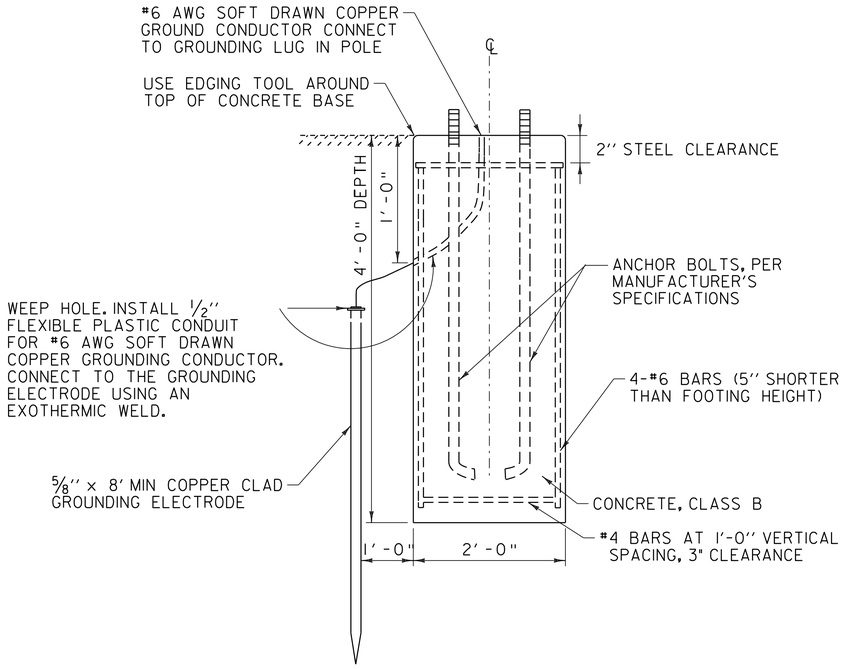
BULB OUT DETAIL SHEET

PROJECT NAME: FAIR HAVEN

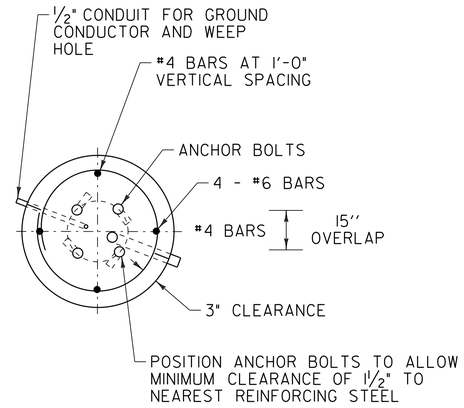
PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058.i

PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 156 OF 157

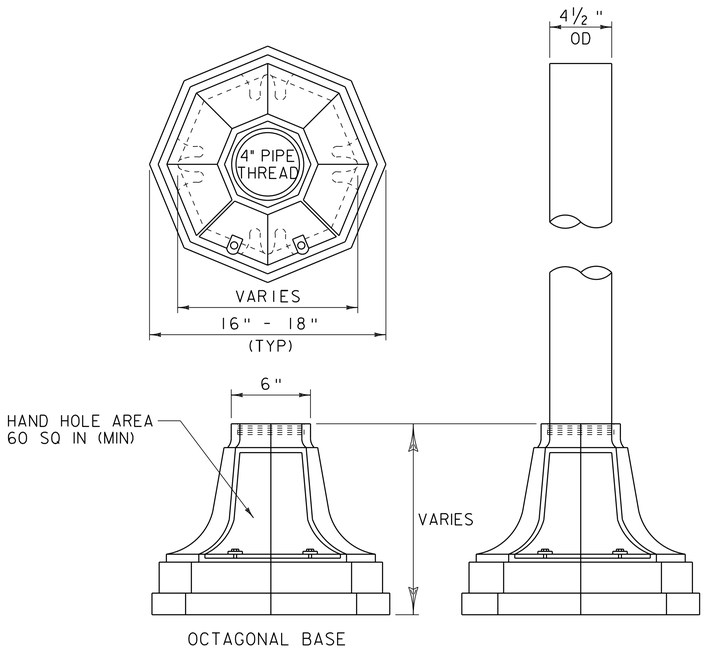


ELEVATION

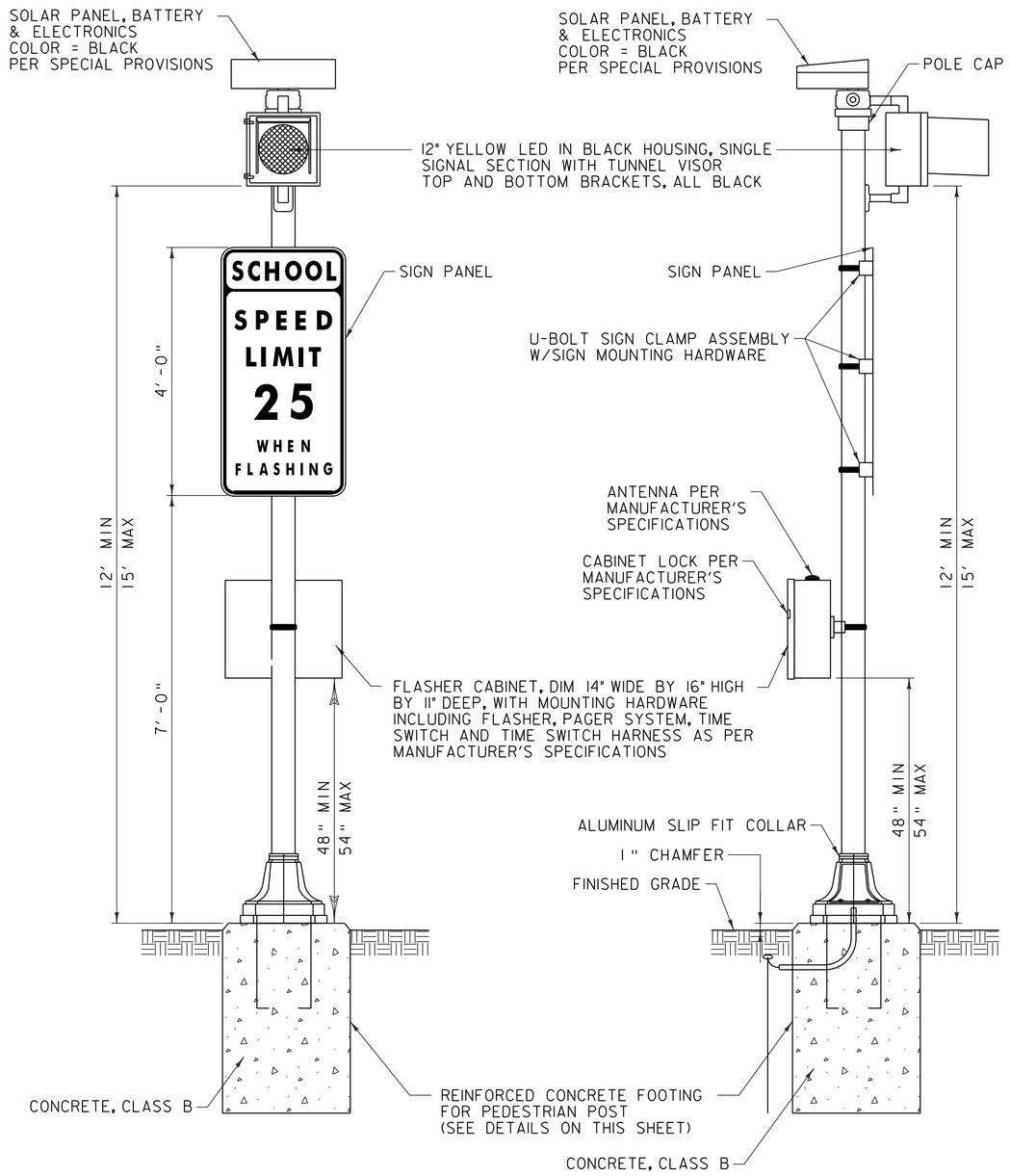


SECTION

DETAILS OF REINFORCED CONCRETE FOOTING FOR PEDESTAL POST



DETAILS OF PEDESTAL POST AND BASE



NOTES:

1. ALUMINUM POSTS AND BASES SHALL HAVE A SPUN FINISH.
2. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (SOLAR-POWERED SCHOOL ZONE FLASHING BEACON) AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

SOLAR SCHOOL FLASHING BEACON DETAILS SHEET

PROJECT NAME: FAIR HAVEN

PROJECT NUMBER: STP SRIN (004)

FILE NAME: p06c058.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058ssfb.i

PLOT DATE: 22-FEB-2012 12:58
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 157 OF 157