

SEE SHEET 2 FOR INDEX OF SHEETS AND LIST OF STANDARDS

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
BRIDGE PROJECT

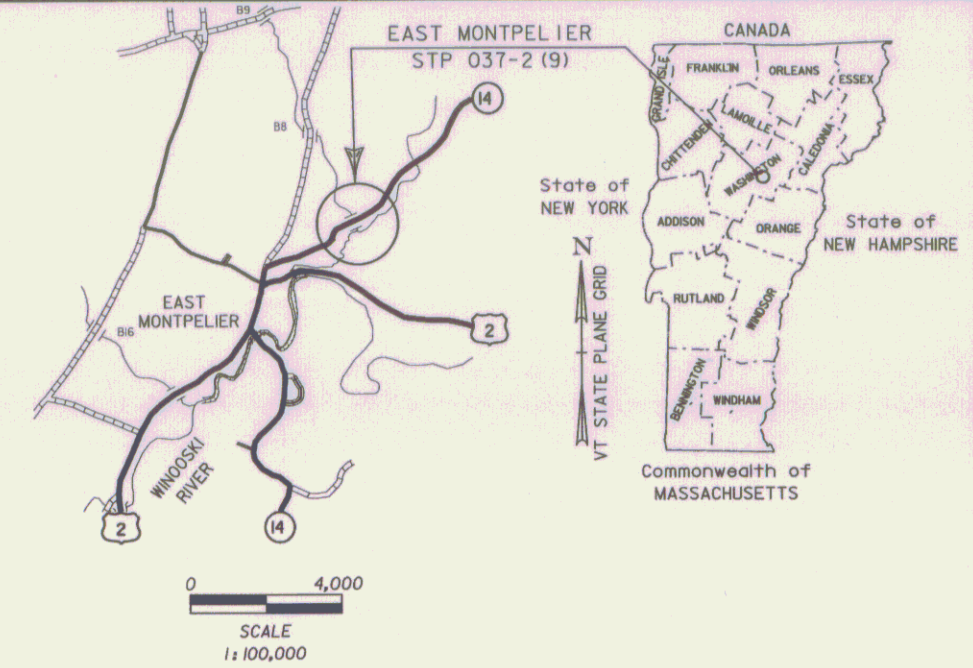
TOWN OF EAST MONTPELIER

COUNTY OF WASHINGTON

ROUTE NO: VT ROUTE 14 (MINOR ARTERIAL) BRIDGE NO: 69

PROJECT LOCATION: BEGINNING AT A POINT ON VT 14 APPROXIMATELY 800 METERS NORTH OF THE INTERSECTION OF VT 14 AND US 2 AND EXTENDING NORTH ALONG VT 14 FOR 260 METERS.

PROJECT DESCRIPTION: REPLACEMENT OF EXISTING BRIDGE ON EXISTING ALIGNMENT ALONG WITH NECESSARY APPROACH WORK.



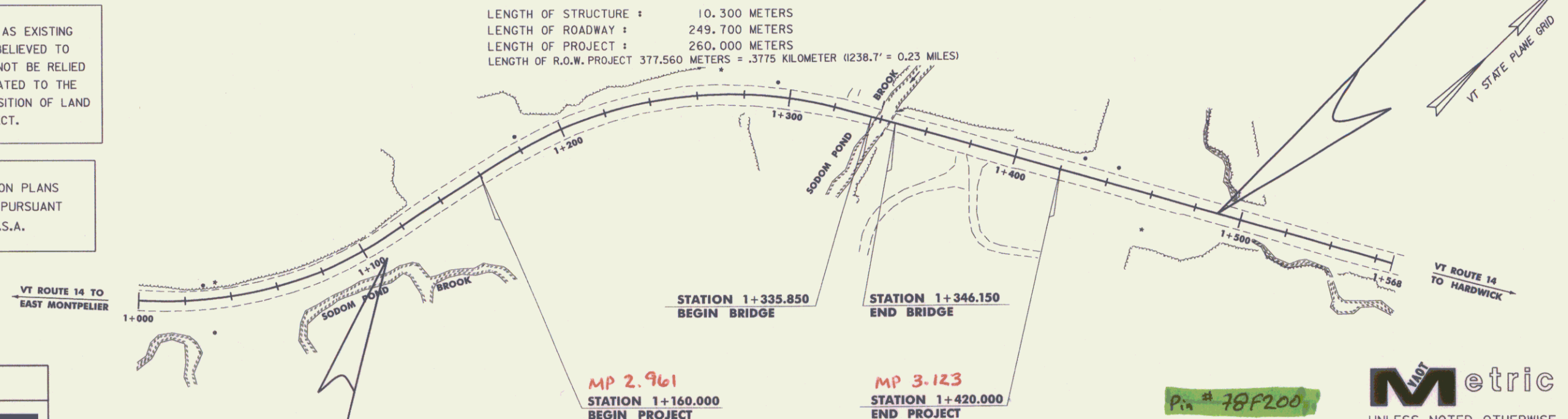
R.O.W. PLANS

END ROW PROJECT  
STP FEFC F 037-2 (4) S  
1+484.83 CL

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

ALL DRIVES AS INDICATED ON PLANS ARE SUBJECT TO PERMITS PURSUANT TO TITLE 19 SECTION III, V.S.A.

LENGTH OF STRUCTURE: 10.300 METERS  
LENGTH OF ROADWAY: 249.700 METERS  
LENGTH OF PROJECT: 260.000 METERS  
LENGTH OF R.O.W. PROJECT 377.560 METERS = .3775 KILOMETER (0.2387' = 0.23 MILES)



BEGIN ROW PROJECT  
STP FEFC F 037-2(4) S  
1+107.27RT. 7.94M (26.0')

THIS PROJECT IS A/K/A  
EAST MONTPELIER STP 037-2(9)

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

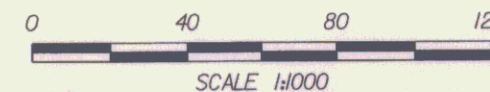
CONVENTIONAL SYMBOLS

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

F J MALNATI  
ROW AGENT

SURVEYED BY: VAOT  
SURVEYED DATE: 7/3/96, 10/8/98, 10/19/98, 10/24/04

DATUM  
VERTICAL NAVD 1988  
HORIZONTAL NAD 1983 (1992)



UNLESS NOTED OTHERWISE  
STATIONS ARE IN KILOMETERS  
ELEVATIONS ARE IN METERS  
DIMENSIONS ARE IN MILLIMETERS

Pin # 78F200  
Date 6/20/2005

APPROVED RICHARD TETREAUULT DATE 6-21-05  
Director of Program Development

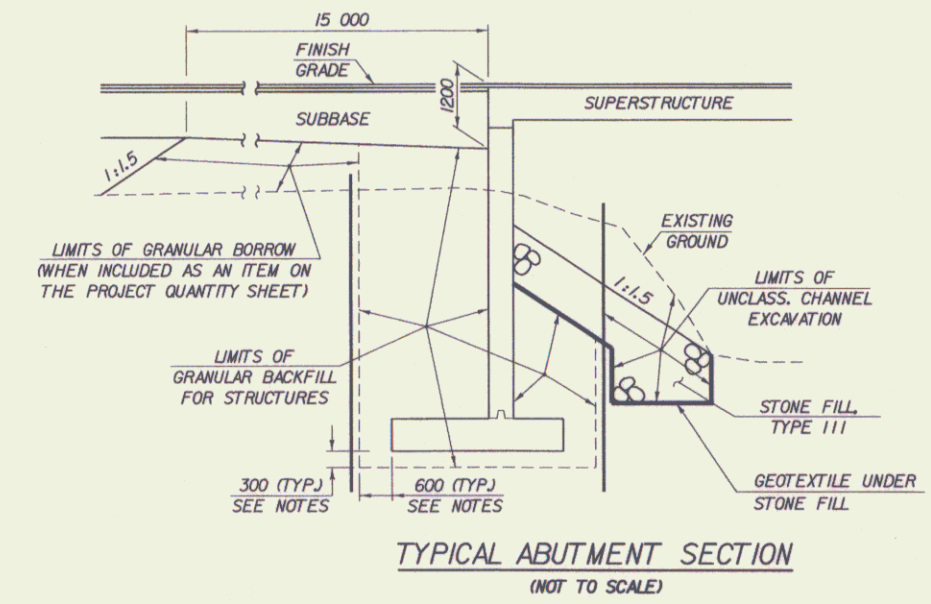
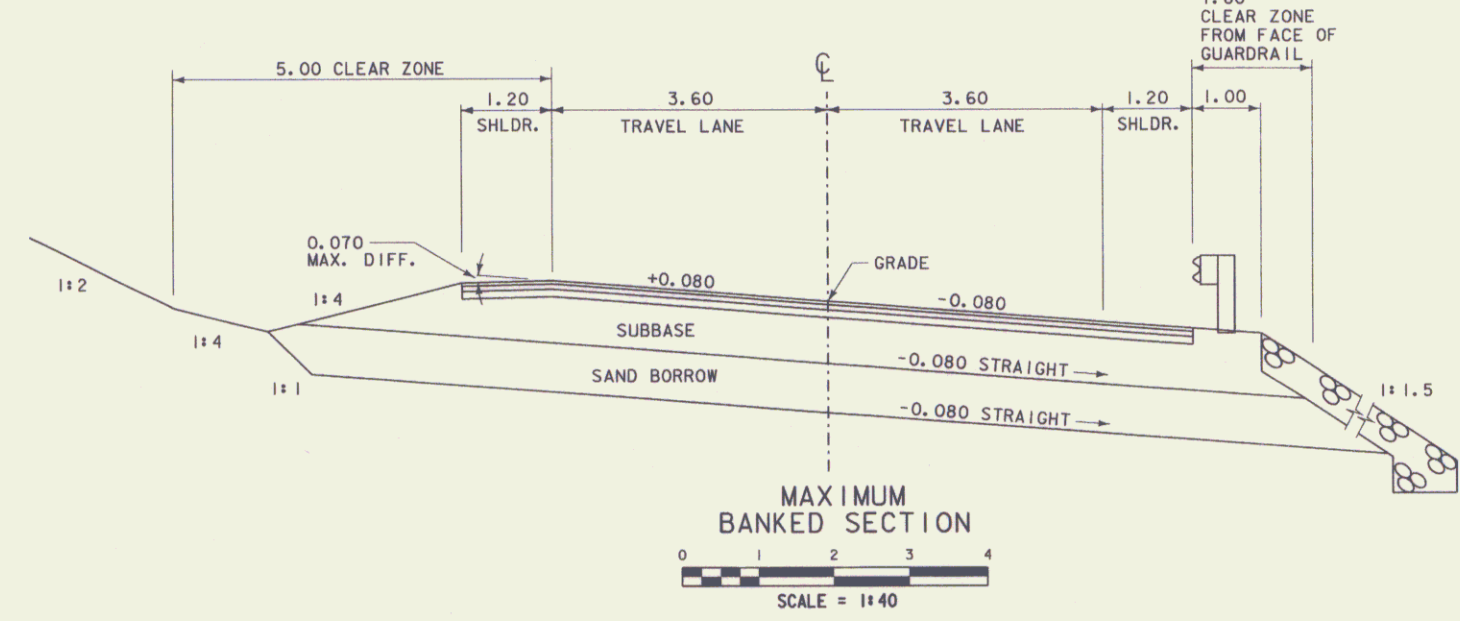
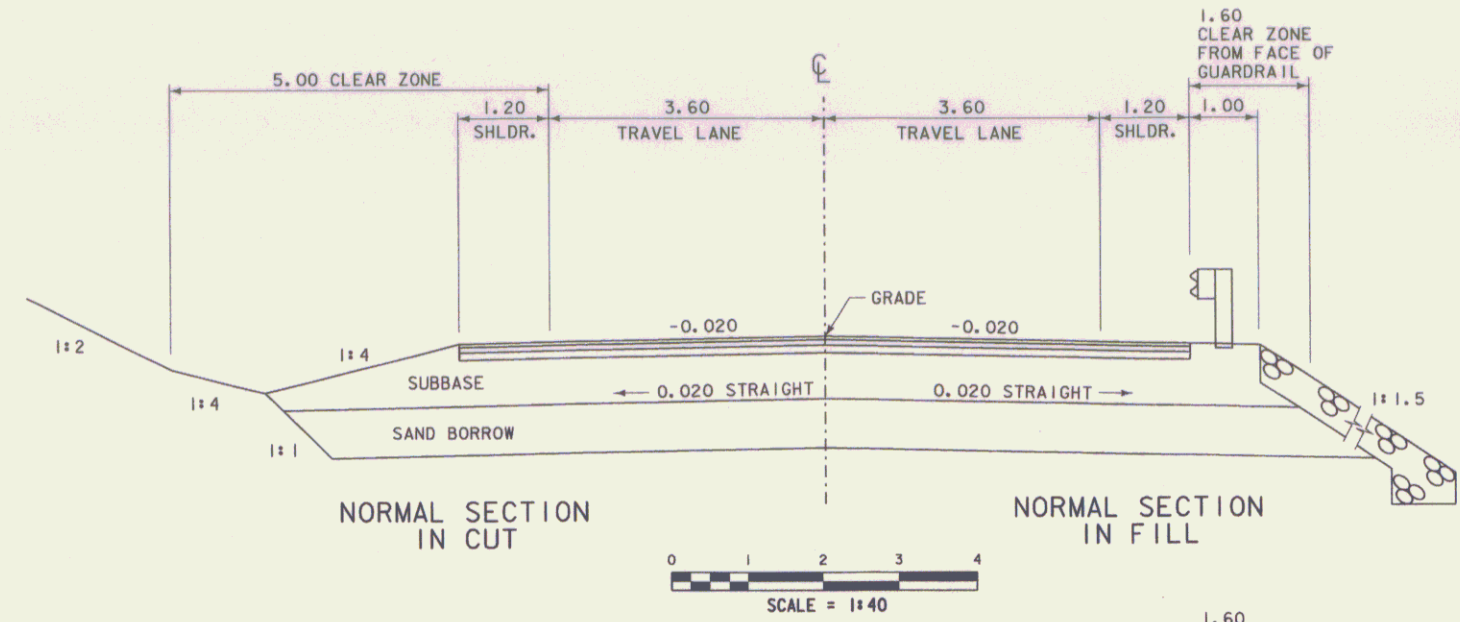
APPROVED WILLIS J. MORSE DATE 6-20-05  
Chief of Right of Way

EAST MONTPELIER  
STP FEFC F 037-2(4) S  
R.O.W. SHEET 1 OF 17 SHEETS

45 BITUMINOUS CONCRETE PAVEMENT (TYPE III)  
 70 BITUMINOUS CONCRETE PAVEMENT (TYPE II)  
 100 BITUMINOUS CONCRETE PAVEMENT (TYPE I)  
 610 DENSE GRADED CRUSHED STONE  
 560 SAND BORROW (AS NECESSARY TO MEET SUBGRADE)

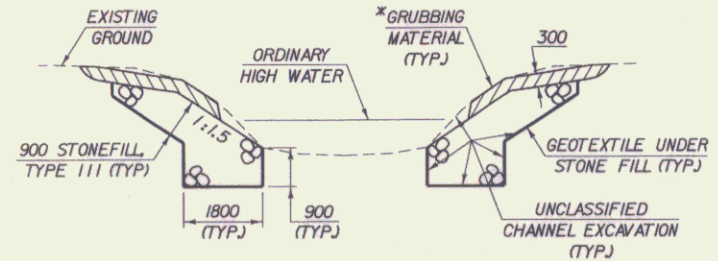
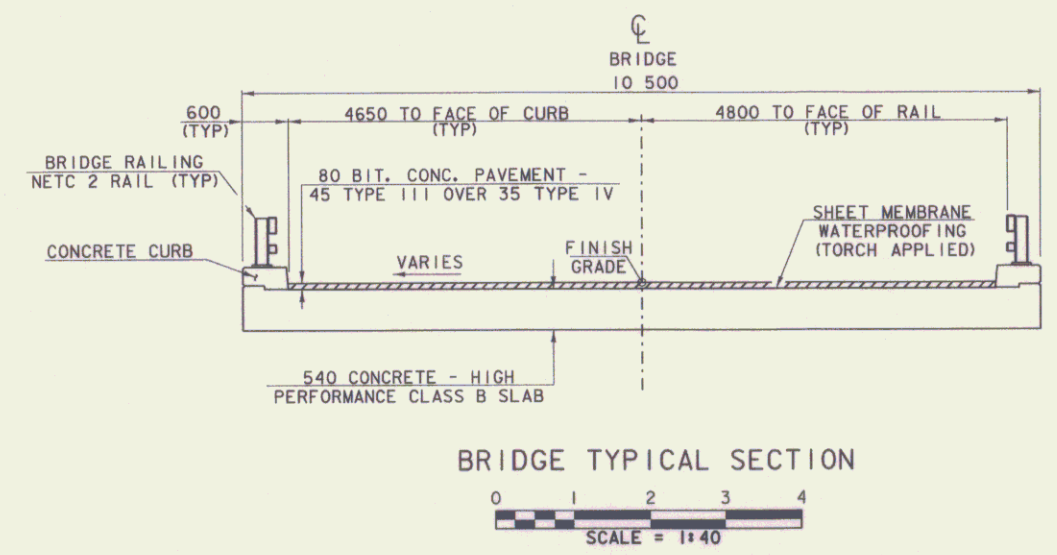
SHOULDERS: 215mm BITUMINOUS CONCRETE PAVEMENT  
 (45mm TYPE III OVER 70 mm TYPE II OVER 100 mm TYPE I)

MATERIAL TOLERANCES	
PAVEMENT (TOTAL DEPTH)	±5 mm
SUBBASE	±30 mm
SAND	±30 mm



**COFFERDAM NOTES**

- COFFERDAM LIMITS TO BE DETERMINED BY THE CONTRACTOR.
- THE PAY LIMITS OF COFFERDAM EXCAVATION, EARTH\* AND "COFFERDAM EXCAVATION, ROCK" SHALL BE 600 OUTSIDE THE PERIMETER OF THE FOOTING, UP TO EXISTING GROUND OR BOTTOM OF SUBBASE, WHICHEVER IS LOWER.
- 300 UNDERCUT AS DETERMINED NECESSARY BY THE RESIDENT ENGINEER.
- ALL COFFERDAM EXCAVATION WHICH IS OUTSIDE THE INDICATED COFFERDAM PAY LIMITS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR UNCLASSIFIED CHANNEL EXCAVATION.

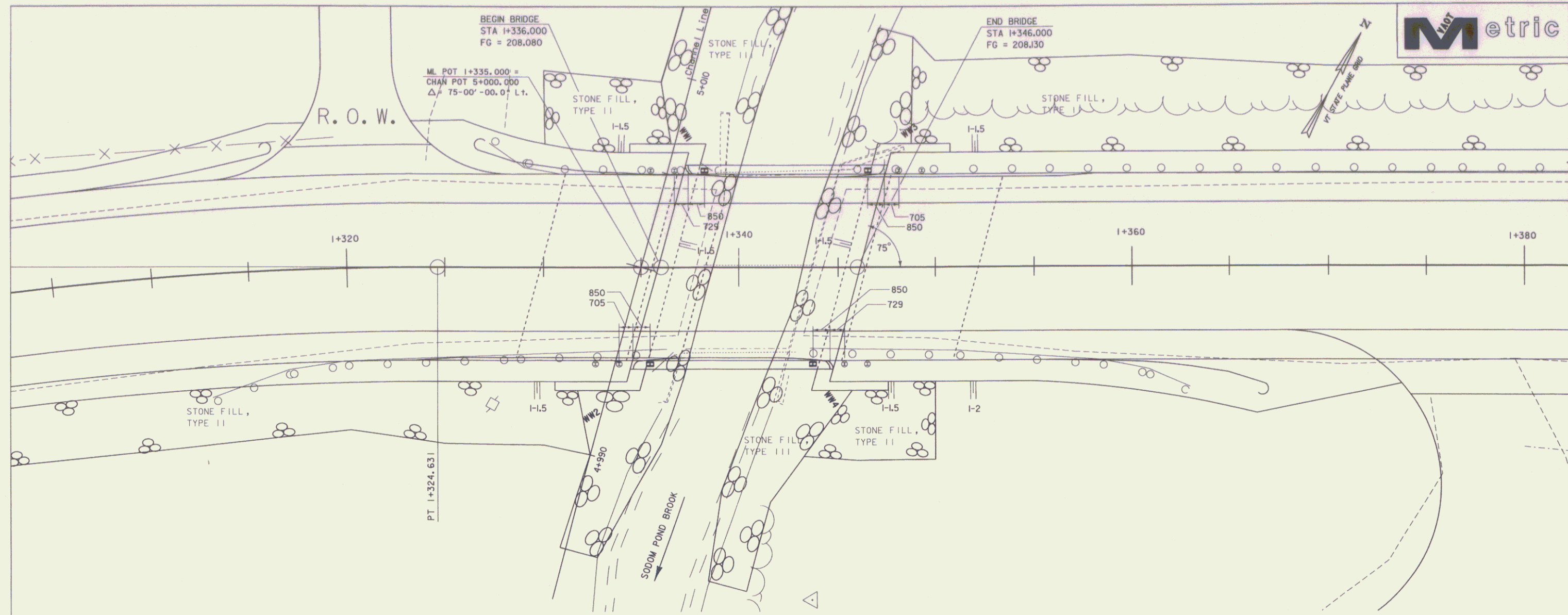


\*GRUBBING MATERIAL SHALL NOT BE PLACED ON THE STONE FILL IN THE AREA UNDER THE BRIDGE. WHENEVER CHANNEL SLOPE INTERSECTS ROADWAY SUBBASE, GRUBBING MATERIAL SHALL BEGIN AT THE BOTTOM OF SUBBASE.

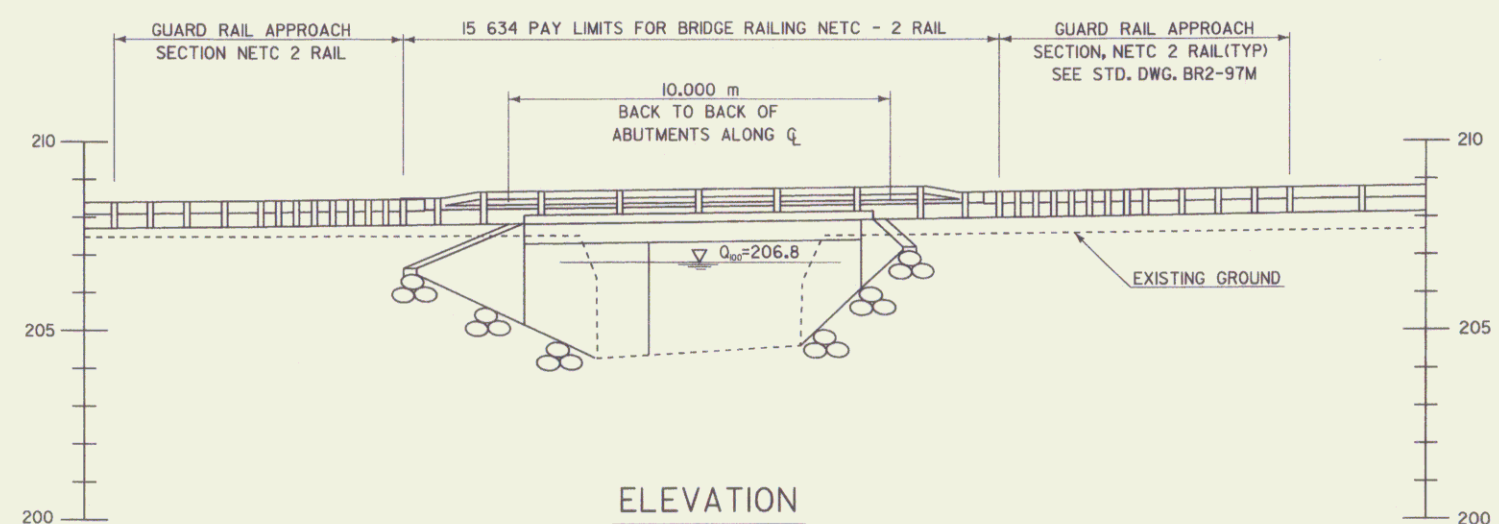
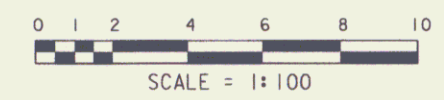
THIS PROJECT IS A/K/A  
 EAST MONTPELIER STP 037-2(9)

**TYPICAL SECTIONS**

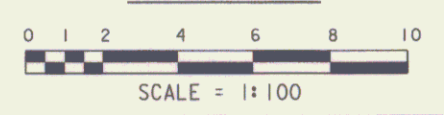
PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	STP FECC F 037-2(4)S
FILE NAME:	str5/78f200/sf200typ.dgn
PROJECT LEADER:	C. Keller
DESIGNED BY:	G. Shangraw
PLOT DATE:	24-JUN-2009
CHECKED BY:	G. Shangraw
R.O.W. SHEET	2 OF 17 SHEETS



PLAN



ELEVATION



THIS PROJECT IS A/K/A  
EAST MONTPELIER STP 037-2(9)

**PLAN & ELEVATION**

PROJECT NAME:	EAST MONTPELIER	
PROJECT NUMBER:	STP FEGC F 037-2(4)S	
FILE NAME:	str5/78f200/sf200pe.dgn	PLOT DATE: 24-JUN-2009
PROJECT LEADER:	C. Keller	DRAWN BY: G. Shangraw
DESIGNED BY:	sf200pe.l	CHECKED BY:
		R.O.W. SHEET 3 OF 17 SHEETS

# PRELIMINARY INFORMATION SHEET



- 1. TITLE SHEET
- 2. PRELIMINARY INFORMATION SHEET
- 3. TYPICAL SHEET
- 4-5. QUANTITY SHEETS
- 6-10. BLANK (R.O.W. SHEETS)
- 11. TIE SHEET
- 12-14. LAYOUT SHEETS
- 15-16. PROFILE SHEETS
- 17. DETOUR LAYOUT
- 18. DETOUR PROFILE
- 19. BORING LAYOUT
- 20. BORING LOGS
- 21. PLANS & ELEVATION
- 22-24. EROSION CONTROL NARRATIVE
- 25-33. EROSION CONTROL PLANS
- 34-38. EROSION CONTROL DETAILS
- 39. GENERAL NOTES
- 40-56. BLANK (SUPERSTRUCTURE, SUBSTRUCTURE, MSC DETAILS)
- 57. REINFORCING SCHEDULE SHEET
- 58. SUPERELEVATION DIAGRAM & MATERIAL TRANSITION DIAGRAM
- 59-66. ROADWAY CROSS SECTION
- 67-70. CHANNEL CROSS SECTIONS
- 71. DETOUR SUPERELEVATION DIAGRAM
- 72-75. DETOUR CROSS SECTIONS

## FINAL HYDRAULIC REPORT

**HYDROLOGIC DATA** Date: 2/2004

DRAINAGE AREA: 25.4 sq. km  
 CHARACTER OF TERRAIN: Mixed open and forested areas with some wetlands  
 STREAM CHARACTERISTICS: Small, low relief, alluvial, meandering and equiwidth  
 NATURE OF STREAMBED: Sand, gravel and cobble

**PEAK FLOW DATA**

Q 2.33 = 10.0 cms	Q 50 = 37.0 cms
Q 10 = 22.5 cms	Q 100 = 43.5 cms
Q 25 = 30.0 cms	Q 500 = 60.0 cms

DATE OF FLOOD OF RECORD: November 1927  
 ESTIMATED DISCHARGE: unknown  
 WATER SURFACE ELEV.: unknown  
 NATURAL STREAM VELOCITY: @ Q50 = 3.2 mps  
 ICE CONDITIONS: moderate  
 DEBRIS: moderate  
 DOES THE STREAM REACH MAXIMUM HIGHWATER ELEV. RAPIDLY? Yes  
 IS ORDINARY RISE RAPID? Yes  
 IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS? No  
 IF YES, DESCRIBE:

WATERSHED STORAGE: 4% HEADWATERS:  
 UNIFORM: X  
 IMMEDIATELY ABOVE SITE:

**EXISTING STRUCTURE INFORMATION**

STRUCTURE TYPE: Single span concrete slab bridge  
 YEAR BUILT: 1924  
 CLEAR SPAN(NORMAL TO STREAM): 5.2 m  
 VERTICAL CLEARANCE ABOVE STREAMBED: 2.0 m  
 WATERWAY OF FULL OPENING: 9.6 sq. m  
 DISPOSITION OF STRUCTURE: Remove  
 TYPE OF MATERIAL UNDER SUBSTRUCTURE: Refer to boring logs

WATER SURFACE ELEVATIONS AT:  
 Q2.33 = 205.7 m VELOCITY = 1.8 mps  
 Q10 = 206.3 m " 3.5 mps  
 Q25 = 207.4 m " 3.9 mps  
 Q50 = 207.7 m " 2.8 mps  
 Q100 = 207.8 m " 2.4 mps

LONG TERM STREAMBED CHANGES: Bridge inspection files note some local scour along the existing abutments.

IS THE ROADWAY OVERTOPPED BELOW Q100: Yes  
 FREQUENCY: Q35  
 RELIEF ELEVATION: 207.5 m  
 DISCHARGE OVER ROAD @Q100: 10.1 cms

**UPSTREAM STRUCTURE**

TOWN: East Montpelier DISTANCE: 0.85 km  
 HIGHWAY #: TH-39 STRUCTURE #: 8  
 CLEAR SPAN: 3.0 m CLEAR HEIGHT: 2.4 m  
 YEAR BUILT: Unknown FULL WATERWAY: unknown  
 STRUCTURE TYPE: Single span slab bridge

**DOWNSTREAM STRUCTURE**

TOWN: East Montpelier DISTANCE: 0.79 km  
 HIGHWAY #: US 2 STRUCTURE #: 73  
 CLEAR SPAN: 4.6 m CLEAR HEIGHT: 3.1 m  
 YEAR BUILT: 1974 FULL WATERWAY: 11 sq. m  
 STRUCTURE TYPE: Structural Plate Pipe Arch

**LOAD FACTOR - LOAD RATING (METRIC TONS)**

LOADING LEVELS	TRUCK						
	M	MS	3S2	6 AXLE	3A STR	4A STR	5A SEM
INVENTORY	30	45					
POSTED	41	63	84		49	51	82
OPERATING		75	100	92	56	61	

COMMENTS:

**TRAFFIC DATA**

YEAR	ADT	DHV	% D	% T	ADTT
2005	4500	620	66	3	230
2025	6000	790	66	3	290

20 year ESAL for flexible pavement from 2005 to 2025 : 3,129,000  
 40 year ESAL for flexible pavement from 2005 to 2045 : 7,672,000  
 Design Speed : 80 km/h

**PROPOSED STRUCTURE**

STRUCTURE TYPE: Single span concrete slab bridge  
 CLEAR SPAN(NORMAL TO STREAM): 8.46 m  
 VERTICAL CLEARANCE ABOVE STREAMBED: 2.8 m  
 WATERWAY OF FULL OPENING: 21.4 sq. m

WATER SURFACE ELEVATIONS AT:  
 Q2.33 = 205.6 m VELOCITY = 1.3 mps  
 Q10 = 206.1 m " 2.3 mps  
 Q25 = 206.4 m " 3.0 mps  
 Q50 = 206.7 m " 3.5 mps  
 Q100 = 206.9 m " 3.7 mps

IS THE ROADWAY OVERTOPPED BELOW Q100: No  
 FREQUENCY: Above Q100  
 RELIEF ELEVATION: 207.9 m  
 DISCHARGE OVER ROAD @Q100: None

AVERAGE LOW ELEVATION OF SUPERSTRUCTURE: 207.1 m  
 VERTICAL CLEARANCE: @ Q50 = 0.4 m

SCOUR: 1.0 m of contraction scour at Q500  
 REQUIRED CHANNEL PROTECTION: Type III stone fill

**PERMIT INFORMATION**

AVERAGE DAILY FLOW: 0.6 cms DEPTH OR ELEVATION:  
 ORDINARY LOW WATER: 0.3 cms 0.1 m (204.4 m)  
 ORDINARY HIGH WATER: 4.3 cms 0.5 m (204.8 m)

**TEMPORARY BRIDGE REQUIREMENTS**

STRUCTURE TYPE: Single span bridge  
 CLEAR SPAN (NORMAL TO STREAM): 6.3 m  
 VERTICAL CLEARANCE ABOVE STREAMBED: 2.0 m (206.3 m)  
 WATERWAY AREA OF FULL OPENING: 10.9 sq. m minimum

**ADDITIONAL INFORMATION**

Note: Any new stone fill should not constrict the proposed waterway and should match upstream and downstream channel banks.

**DESIGN CRITERIA**

- DESIGN LIVE LOAD AASHTO HS-25 (MS 22.5)
- DESIGN SPAN: 10.0 m
- ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL: 380 kPa
- ON LEDGE: NA
- ALLOWABLE LOAD FOR PILING: NA
- TYPE: NA
- ESTIMATED LENGTH: NA
- STRUCTURAL STEEL AASHTO M270MM270 GRADE: 345
- REINFORCING STEEL GRADE: 420
- CONCRETE, HIGH PERFORMANCE CLASS A f<sub>c</sub>: 30 Mpa
- CONCRETE, HIGH PERFORMANCE CLASS B f<sub>c</sub>: 25 Mpa
- DESIGN SOIL UNIT WEIGHT: 22 Kn
- DESIGN LOAD FOR SPREAD FOOTINGS ON SOIL: 285 kPa

**TRAFFIC MAINTENANCE**

- IS TRAFFIC TO BE MAINTAINED? YES
- IF YES, ON EXISTING STRUCTURE? TEMPORARY BRIDGE
- OR ON TEMPORARY BRIDGE? TWO-WAY TRAVEL
- ONE OR TWO-WAY TRAVEL? TWO-WAY TRAVEL
- TRAFFIC CONTROL SIGNALS REQUIRED? NO
- ARE SIDEWALKS REQUIRED? NO
- IF SO, ON WHAT SIDE?

THIS PROJECT IS A/K/A EAST MONTPELIER STP 037-2(9)

PROJECT NAME: EAST MONTPELIER  
 PROJECT NUMBER: STP EGC FECC F 037-2(4)S

FILE NAME: 781200pl PLOT DATE: 9/23/2004  
 PROJECT MANAGER: C. KELLER DRAWN BY: G. SHANGRAW  
 DESIGNED BY: K. RUTTER CHECKED BY: T. SUMNER  
 PRELIMINARY INFORMATION SHEET R.O.W. SHEET 4 OF 17

GPS CONTROL POINTS

**HVCTRL # 1**

Standard Disk Stamped  
Banfield

NORTH = 194969.122  
EAST = 501909.763  
ELEV. =

TO REACH FROM THE JUNCTION OF U.S. ROUTE 2 AND VERMONT ROUTE 14 SOUTH IN THE VILLAGE OF EAST MONTPELIER, PROCEED SOUTH ON ROUTE 14 FOR 1.2 MI (1.9 KM) TO A DIRT ROAD ON THE LEFT. TURN LEFT ONTO DIRT ROAD AND CONTINUE FOR 0.55 MI (0.89 KM) TO A T-INTERSECTION WITH THE ROAD, TURN LEFT AT INTERSECTION (COUNTRY CLUB ROAD) AND CONTINUE FOR 0.35 MI (0.56 KM) TO A POINT WHERE THE MAIN DIRT ROAD TURNS SHARPLY RIGHT, FROM THIS POINT TURN SHARPLY LEFT ON A LESSER DIRT ROAD FOR 0.05 MI (0.08 KM) TO A DIRT DRIVE RIGHT, TURN RIGHT ONTO DRIVE, TO A TWO STORY HOUSE, AND THE SITE OF THE MARK. THE MARK IS LOCATED ON THE NORTHEAST SIDE OF THE HOUSE. THE MARK IS A STATE OF VERMONT SURVEY DISK SET IN THE TOP OF A 6X6 INCH SQUARE CONCRETE MONUMENT, FLUSH WITH THE GROUND SURFACE. IT IS LOCATED 62.5 FT (19.1 M) NORTH OF THE NORTHEAST CORNER OF HOUSE / ATTACHED GARAGE, 54 FT (16.5 M) NORTHEAST OF A QUADRUPLE WHITE BIRCH, 45.5 FT (13.9 M) NORTHWEST OF A 36 INCH OAK TREE, 17.5 FT (5.3 M) EAST OF THE SOUTHEAST CORNER OF A LARGE EXPOSED BOULDER, 10 FT (3.0 M) NORTHEAST OF THE SOUTHEAST CORNER OF A FLOWER BED, AND 0.8 FT (24.4 CM) SOUTH OF A FIBERGLASS WITNESS POST. OWNERSHIP IS MR. AND MRS. EDWARD BANFIELD.

\* Description provided by Vermont Agency of Transportation Geodetic Survey Unit

**HVCTRL # 2**

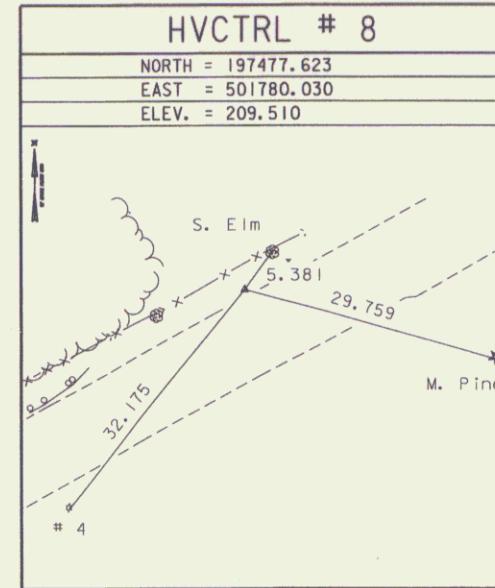
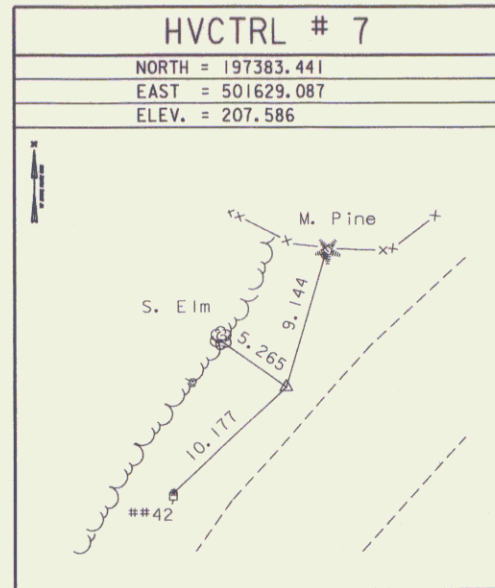
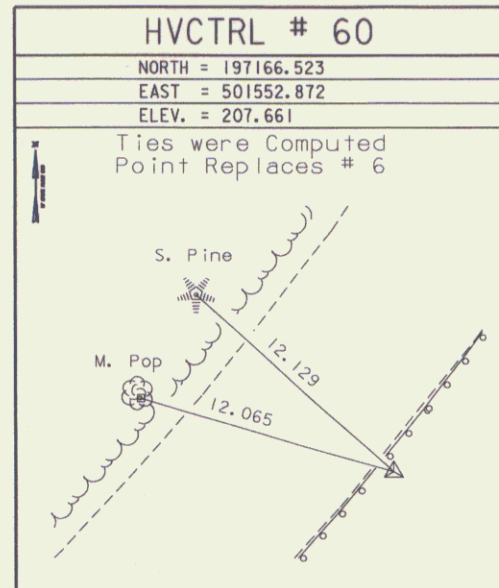
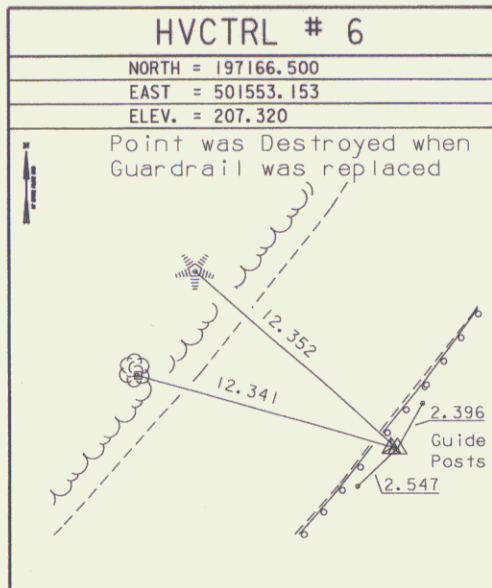
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Donnelly  
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EAST = 502632.306  
ELEV. =

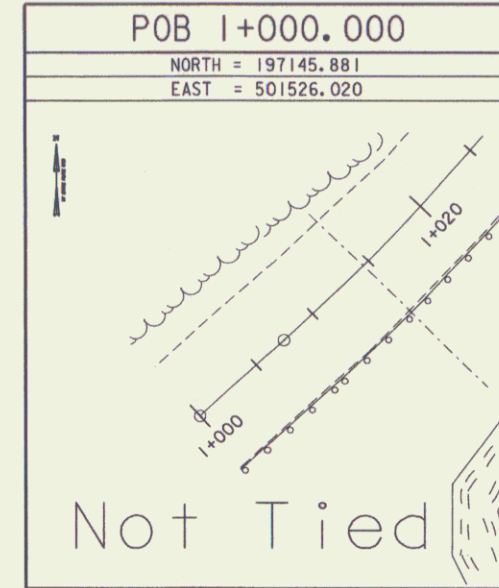
TO REACH FROM THE NORTH INTERSECTION OF U.S. ROUTE 2 AND VT ROUTE 14 PROCEED NORTHERLY ALONG ROUTE 14 FOR 1.2 MI (1.9 KM) TO A GRAVEL DRIVE ON THE RIGHT. PROCEED UP THE GRAVEL DRIVE FOR 0.15 MI (0.24 KM) TO A PAVED DRIVE ON THE LEFT AND A YELLOW RANCH WITH A ONE CAR GARAGE. PROCEED UP THE PAVED DRIVE TO THE YELLOW RANCH. THE MARK IS 28.8 M (94.5 FT) NORTH NORTHEAST OF AN IRON PIPE SEPERATING THE TWO ADJACENT PROPERTIES, 26.5 M (86.9 FT) NORTHWEST OF THE SOUTHWEST CORNER OF THE ADJACENT WHITE RANCH, 24.7 M (81.0 FT) WEST OF THE NORTHWEST CORNER OF THE ADJACENT WHITE RANCH, 20.2 M (66.3 FT) EAST NORTHEAST OF THE SOUTHEAST CORNER OF THE YELLOW GARAGE, AND 13.0 M (42.7 FT) EAST OF THE NORTHEAST CORNER OF THE YELLOW GARAGE.



TRAVERSE TIES

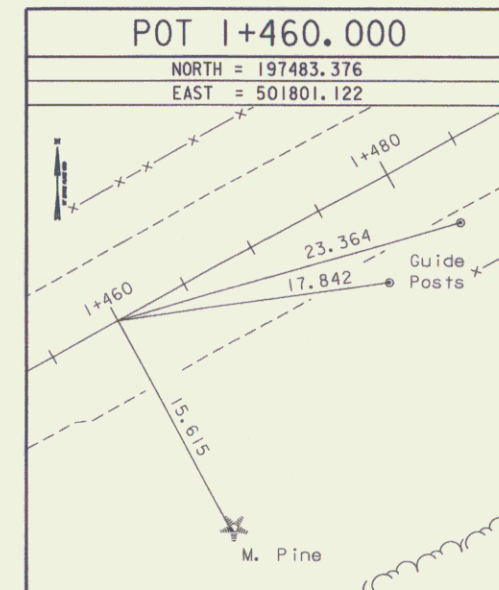
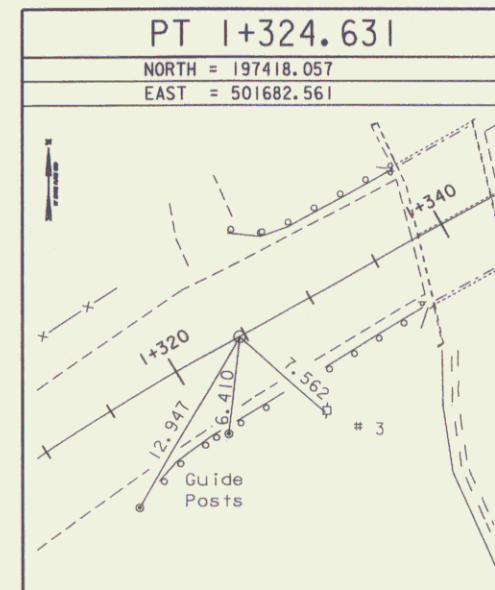
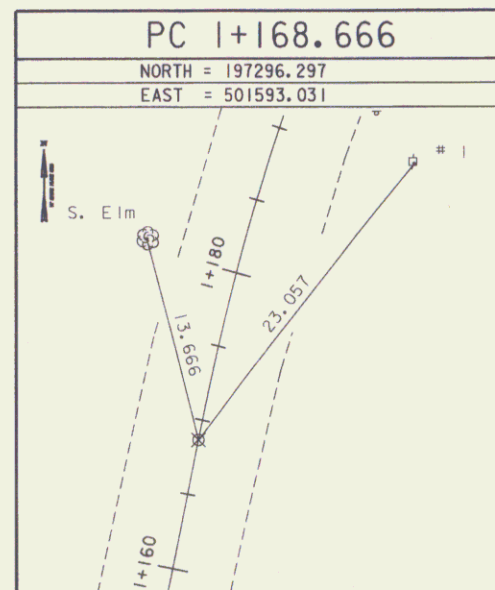
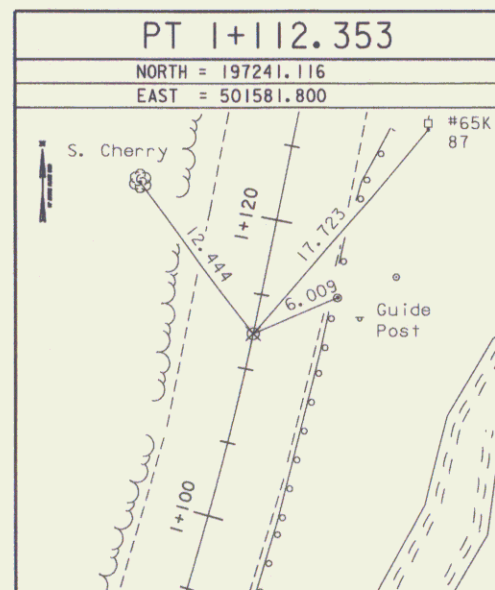
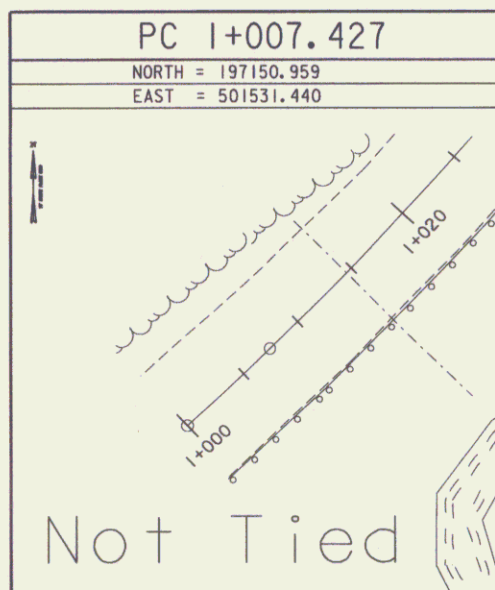


ALIGNMENT TIES



\* Main Traverse Completed 01/04/1996 by R. Gilman P. C. & T. Morse

ALIGNMENT TIES



\* Alignment Staked 05/23/2003 by R. Gilman P. C. & P. Winters

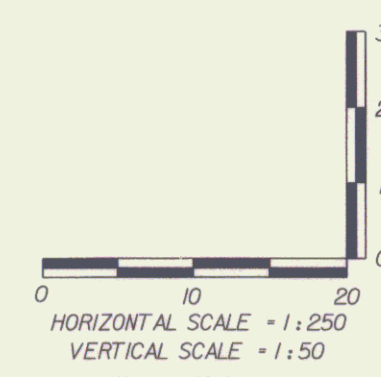
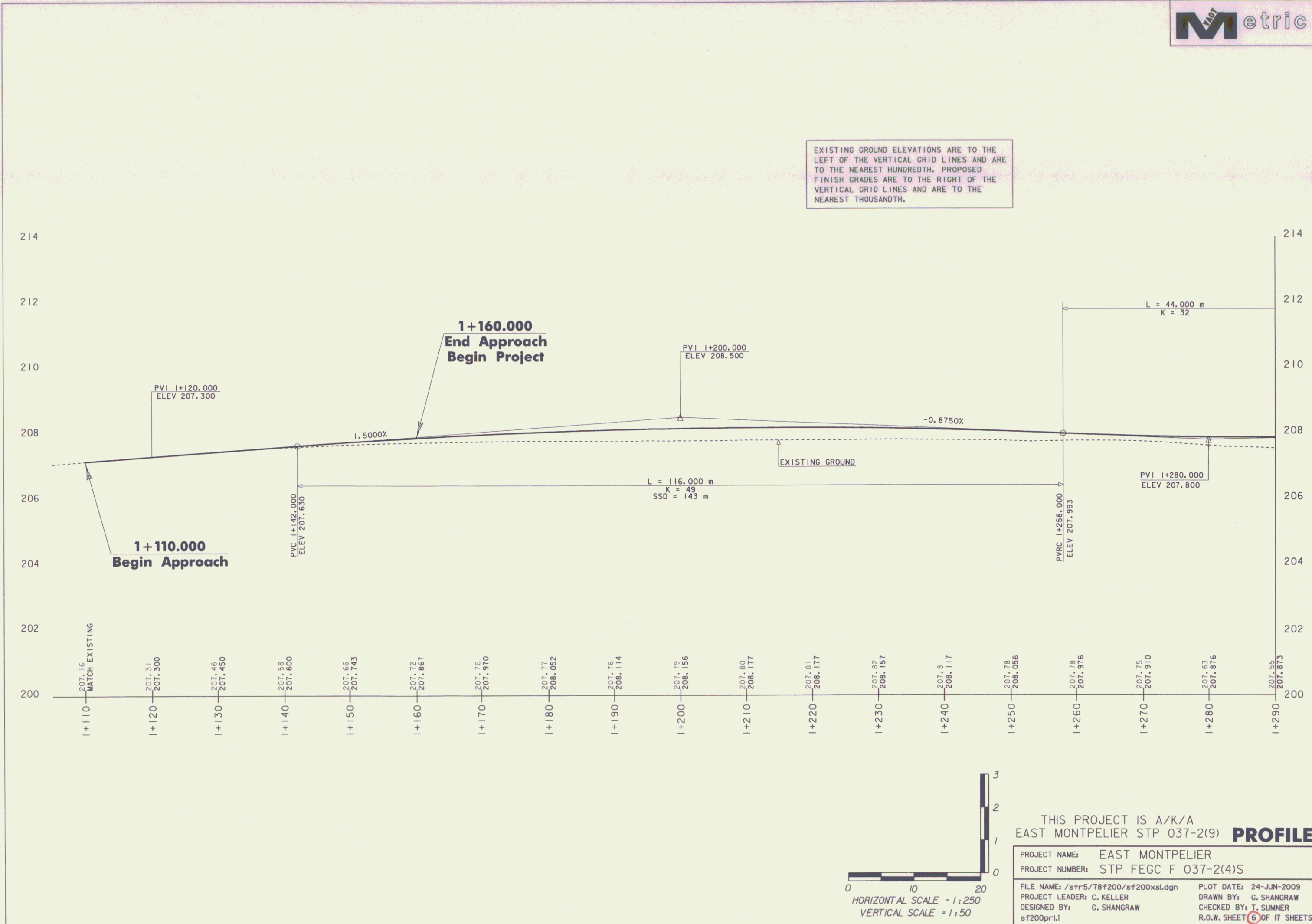
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (92)
ADJUSTMENT	Compass

PROJECT NAME: East Montpelier  
PROJECT NUMBER: STP FECC F 037-2(4)S

FILE NAME: 78f200/survey/xf200t1.dgn PLOT DATE: 24-JUN-2009  
PROJECT LEADER: R. Bullock DRAWN BY: R. Bullock  
DESIGNED BY: CHECKED BY:  
R.O.W. SHEET 5 OF 17 SHEETS

THIS PROJECT IS A/K/A  
EAST MONTPELIER STP 037-2(9)

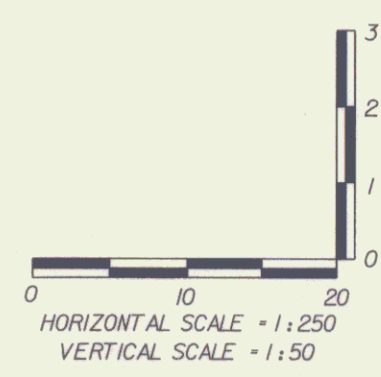
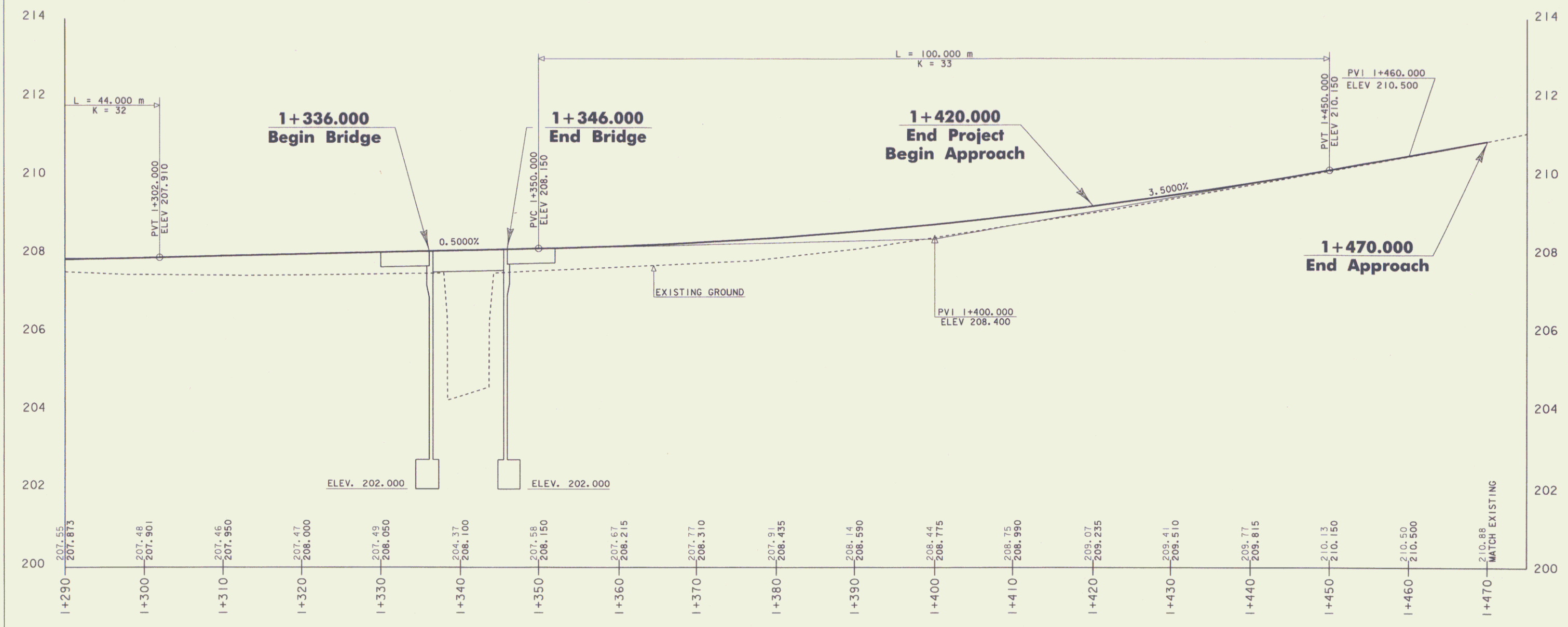
EXISTING GROUND ELEVATIONS ARE TO THE LEFT OF THE VERTICAL GRID LINES AND ARE TO THE NEAREST HUNDRETH. PROPOSED FINISH GRADES ARE TO THE RIGHT OF THE VERTICAL GRID LINES AND ARE TO THE NEAREST THOUSANDTH.



THIS PROJECT IS A/K/A  
EAST MONTPELIER STP 037-2(9) **PROFILE**

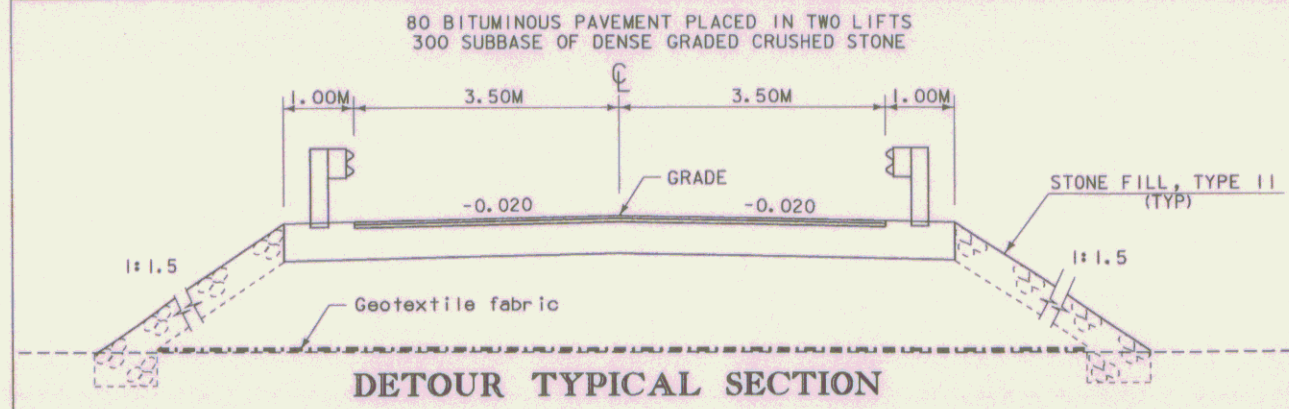
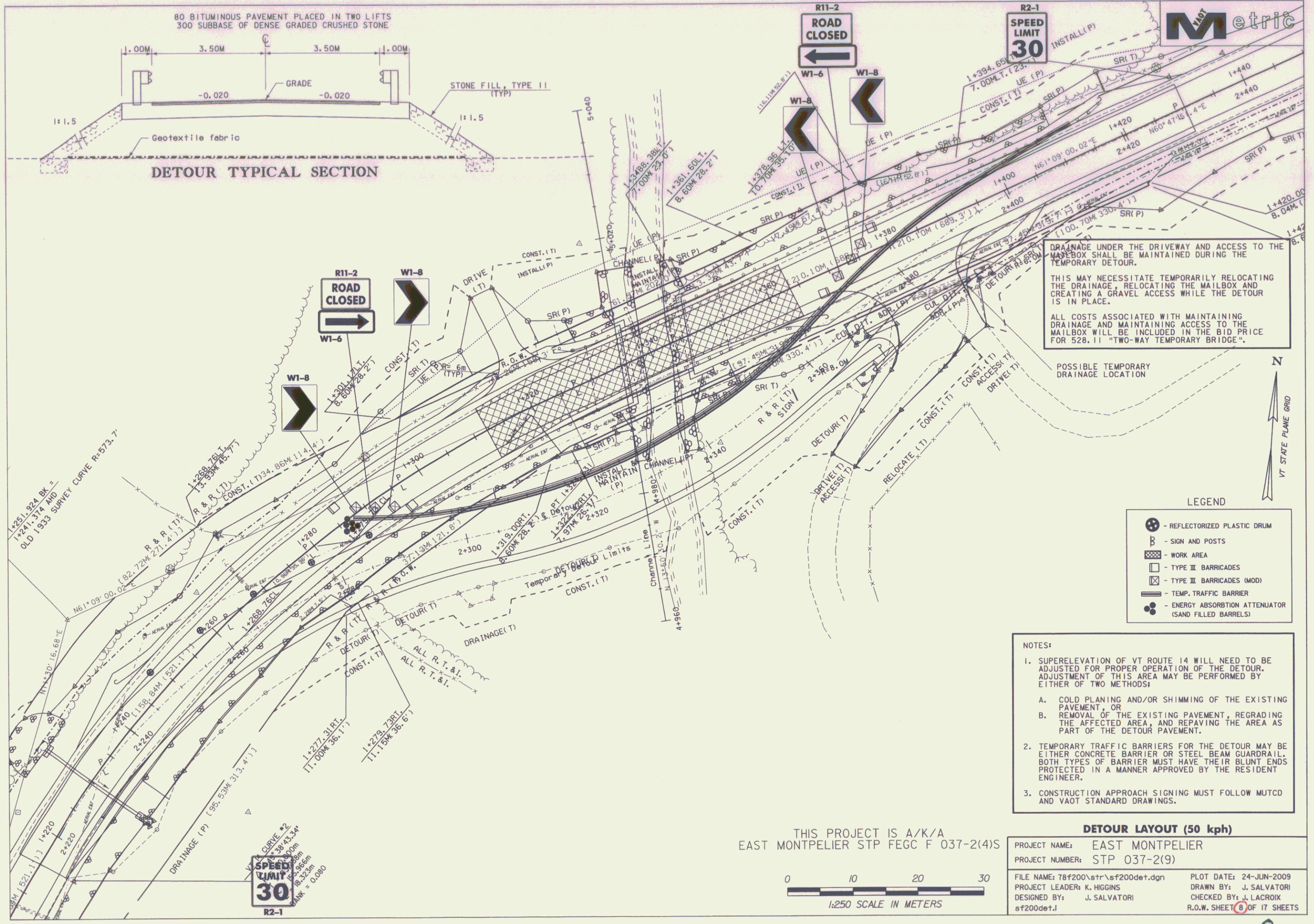
PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	STP FECC F 037-2(4)S
FILE NAME:	/str5/78f200/sf200xsl.dgn
PROJECT LEADER:	C. KELLER
DESIGNED BY:	G. SHANGRAW
sf200pr1	
PLOT DATE:	24-JUN-2009
DRAWN BY:	G. SHANGRAW
CHECKED BY:	T. SUMNER
R.O.W. SHEET	6 OF 17 SHEETS

EXISTING GROUND ELEVATIONS ARE TO THE LEFT OF THE VERTICAL GRID LINES AND ARE TO THE NEAREST HUNDRETH. PROPOSED FINISH GRADES ARE TO THE RIGHT OF THE VERTICAL GRID LINES AND ARE TO THE NEAREST THOUSANDTH.



THIS PROJECT IS A/K/A  
 EAST MONTEPELIER STP 037-2(9) **PROFILE**

PROJECT NAME:	EAST MONTEPELIER
PROJECT NUMBER:	STP FEGC F 037-2(4)S
FILE NAME:	/str5/78f200/sf200xls.dgn
PROJECT LEADER:	C. KELLER
DESIGNED BY:	G. SHANGRAW
FILE NAME:	sf200pr2.1
PLOT DATE:	24-JUN-2009
DRAWN BY:	G. SHANGRAW
CHECKED BY:	T. SUMNER
R.O.W. SHEET	7 OF 17 SHEETS



DRAINAGE UNDER THE DRIVEWAY AND ACCESS TO THE MAILBOX SHALL BE MAINTAINED DURING THE TEMPORARY DETOUR.

THIS MAY NECESSITATE TEMPORARILY RELOCATING THE DRAINAGE, RELOCATING THE MAILBOX AND CREATING A GRAVEL ACCESS WHILE THE DETOUR IS IN PLACE.

ALL COSTS ASSOCIATED WITH MAINTAINING DRAINAGE AND MAINTAINING ACCESS TO THE MAILBOX WILL BE INCLUDED IN THE BID PRICE FOR 528.11 "TWO-WAY TEMPORARY BRIDGE".

LEGEND

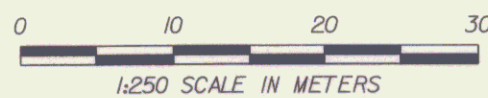
- REFLECTORIZED PLASTIC DRUM
- SIGN AND POSTS
- WORK AREA
- TYPE III BARRICADES
- TYPE III BARRICADES (MOD)
- TEMP. TRAFFIC BARRIER
- ENERGY ABSORPTION ATTENUATOR (SAND FILLED BARRELS)

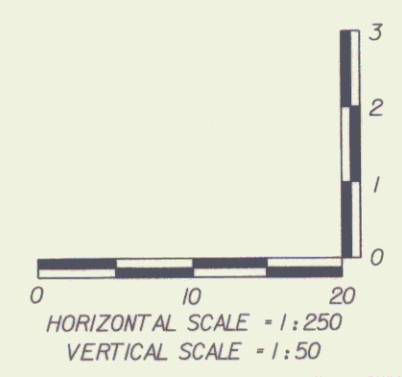
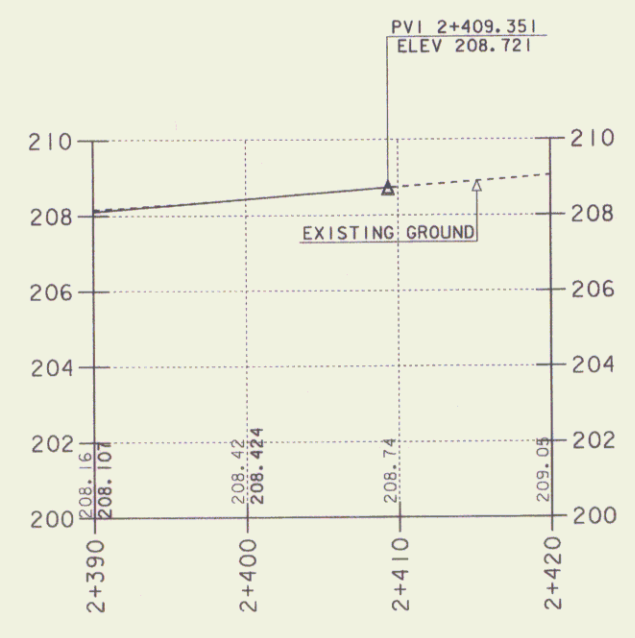
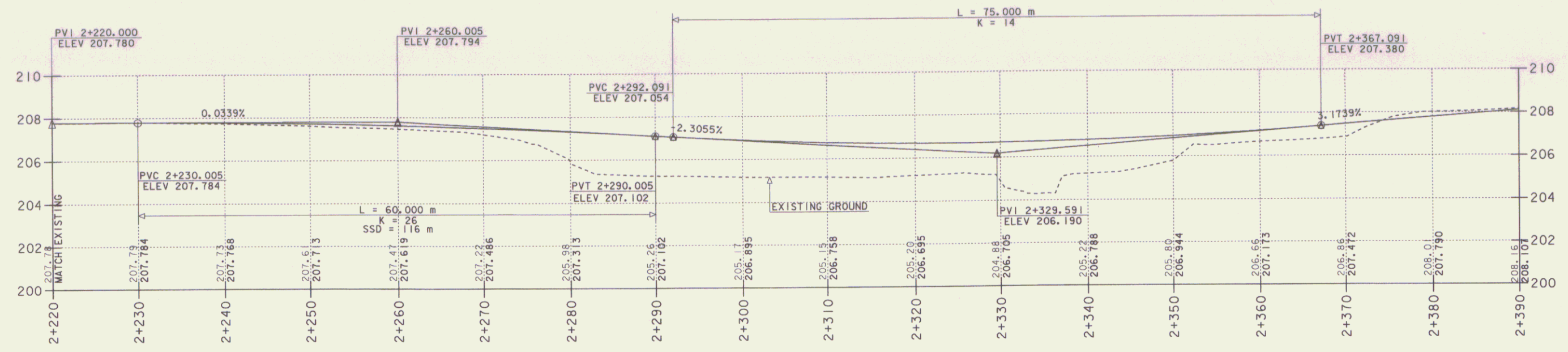
- NOTES:
- SUPERELEVATION OF VT ROUTE 14 WILL NEED TO BE ADJUSTED FOR PROPER OPERATION OF THE DETOUR. ADJUSTMENT OF THIS AREA MAY BE PERFORMED BY EITHER OF TWO METHODS:
    - COLD PLANING AND/OR SHIMMING OF THE EXISTING PAVEMENT, OR
    - REMOVAL OF THE EXISTING PAVEMENT, REGRADING THE AFFECTED AREA, AND REPAVING THE AREA AS PART OF THE DETOUR PAVEMENT.
  - TEMPORARY TRAFFIC BARRIERS FOR THE DETOUR MAY BE EITHER CONCRETE BARRIER OR STEEL BEAM GUARDRAIL. BOTH TYPES OF BARRIER MUST HAVE THEIR BLUNT ENDS PROTECTED IN A MANNER APPROVED BY THE RESIDENT ENGINEER.
  - CONSTRUCTION APPROACH SIGNING MUST FOLLOW MUTCD AND VAOT STANDARD DRAWINGS.

THIS PROJECT IS A/K/A  
EAST MONTPELIER STP FECC F 037-2(4)S

**DETOUR LAYOUT (50 kph)**

PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	STP 037-2(9)
FILE NAME:	78f200\stpr\sf200det.dgn
PROJECT LEADER:	K. HIGGINS
DESIGNED BY:	J. SALVATORI
PLOT DATE:	24-JUN-2009
DRAWN BY:	J. SALVATORI
CHECKED BY:	J. LACROIX
R.O.W. SHEET	8 OF 17 SHEETS





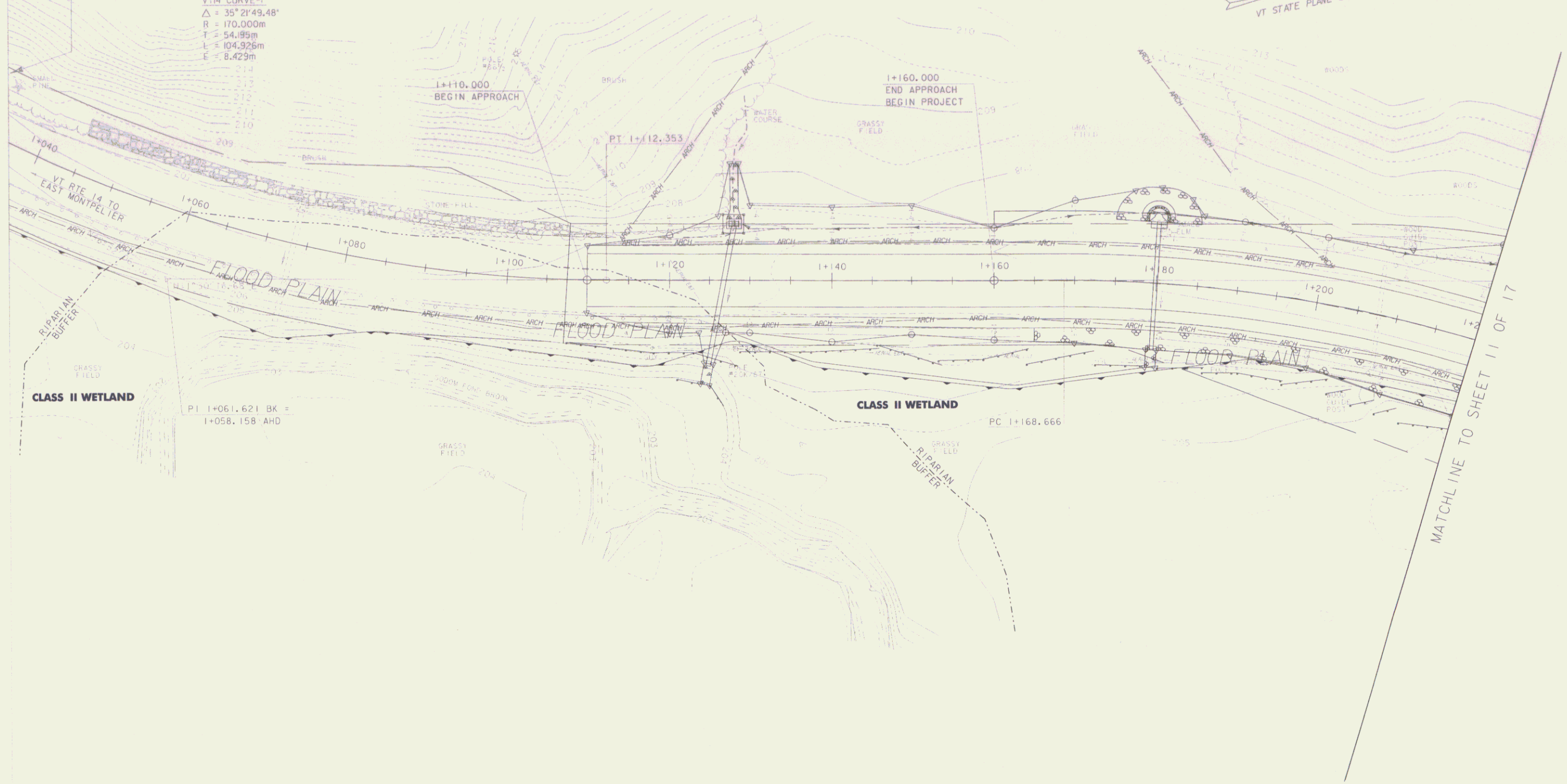
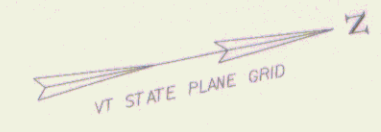
THIS PROJECT IS A/K/A  
EAST MONTPELIER STP 037-2(9)

**DETOUR PROFILE**

PROJECT NAME:	EAST MONTPELIER		
PROJECT NUMBER:	STP FECC F 037-2(4)S		
FILE NAME:	/str5/78f200/sf200xls.dgn	PLOT DATE:	24-JUN-2009
PROJECT LEADER:	C. KELLER	DRAWN BY:	G. SHANGRAW
DESIGNED BY:	G. SHANGRAW	CHECKED BY:	T. SUMNER
R.O.W. SHEET:	(3) OF 17 SHEETS		

Bench Mark #1  
 I+028.6m Lt.  
 Spike In Root  
 Elev. 208.550

VT14 CURVE #1  
 $\Delta = 35^\circ 21' 49.48''$   
 $R = 170.000m$   
 $T = 54.995m$   
 $L = 104.926m$   
 $E = 8.429m$



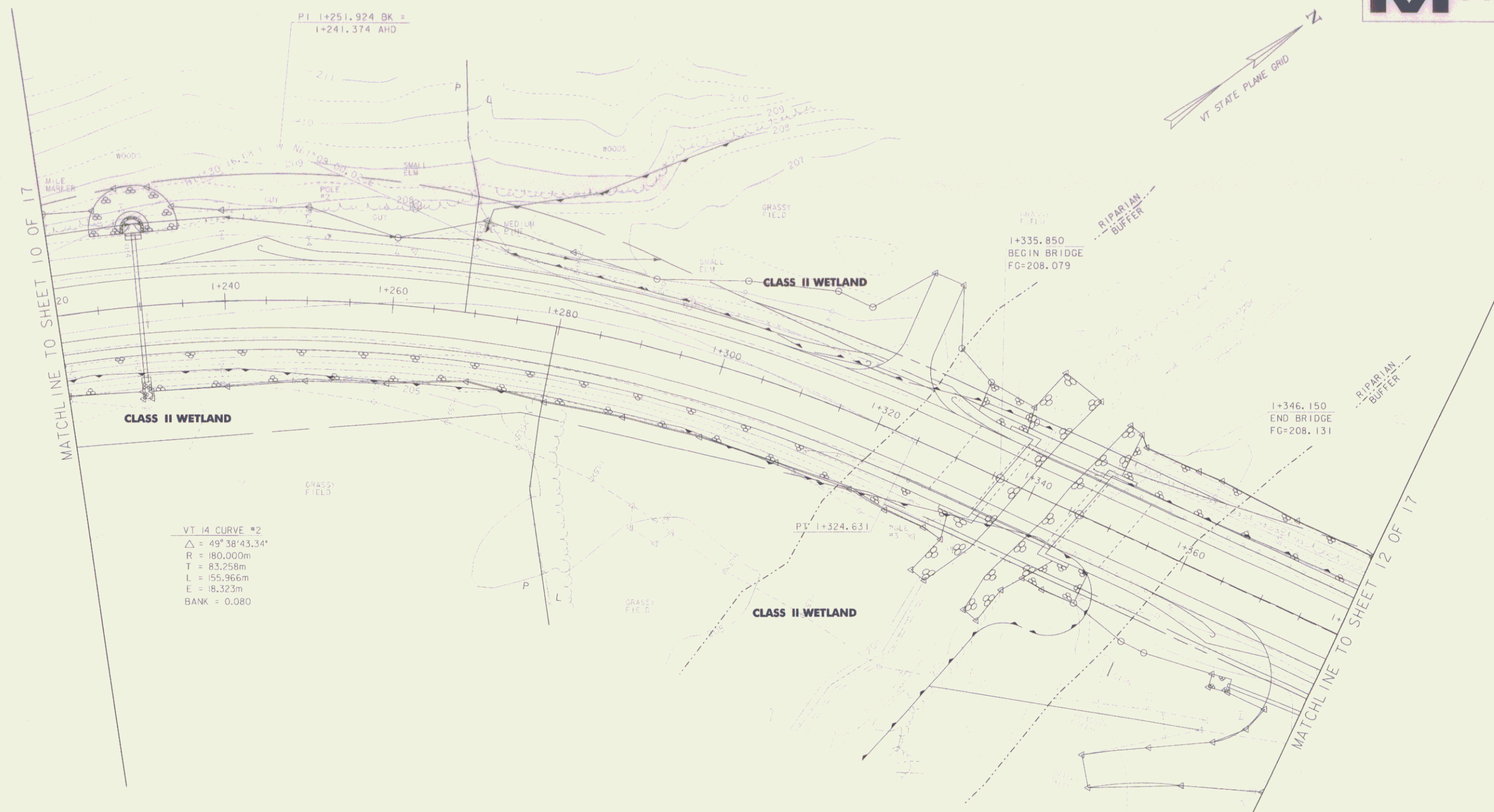
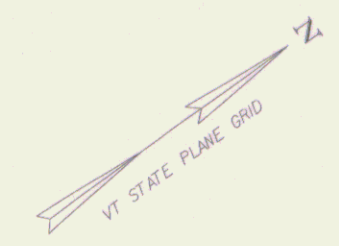
LEGEND	
	PROPERTY LINE
	WETLANDS BOUNDARIES
	SILT FENCE
	SLOPE LIMITS
	PROJECT DEMARCATION FENCE
	STRAW MATTING
	CRUSHED STONE BERMS IN DITCHLINE

THIS PROJECT IS A/K/A  
 EAST MONTPELIER STP 037-2(4)

**EROSION CONTROL PLAN 1**

PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	STP FECC F 037-2(4)S
FILE NAME: /s/r5/78f200/sf200ecbdr.dgn	PLOT DATE: ****DATE***
PROJECT LEADER: C. KELLER	DRAWN BY: G. SHANGRAW
DESIGNED BY: G. SHANGRAW	CHECKED BY:
sf200ec1	R.O.W. SHEET 10 OF 17 SHEETS





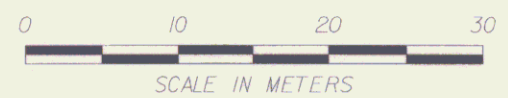
MATCHLINE TO SHEET 10 OF 17

MATCHLINE TO SHEET 12 OF 17

VT 14 CURVE #2  
Δ = 43°38'43.34"  
R = 180.000m  
T = 83.258m  
L = 155.966m  
E = 18.323m  
BANK = 0.080

LEGEND	
	PROPERTY LINE
	WETLANDS BOUNDARIES
	SILT FENCE
	SLOPE LIMITS
	PROJECT DEMARCATION FENCE
	STRAW MATTING SEE NOTE #1
	PROPOSED SEDIMENT BASIN LOCATION (TYP)
	CRUSHED STONE BERMS IN DITCHLINE

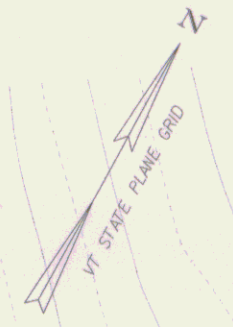
NOTE # 1  
THE CONTRACTOR HAS THE OPTION OF USING  
STONE FILL FOR SLOPE STABILIZATION  
ALONG THE TEMPORARY DETOUR FILL SLOPES.  
IF STONE FILL IS USED, THE STRAW MATTING ALONG  
THAT AFFECTED AREA WILL NO LONGER BE REQUIRED.  
(STATIONS 1+215 TO 2+368 RT.)



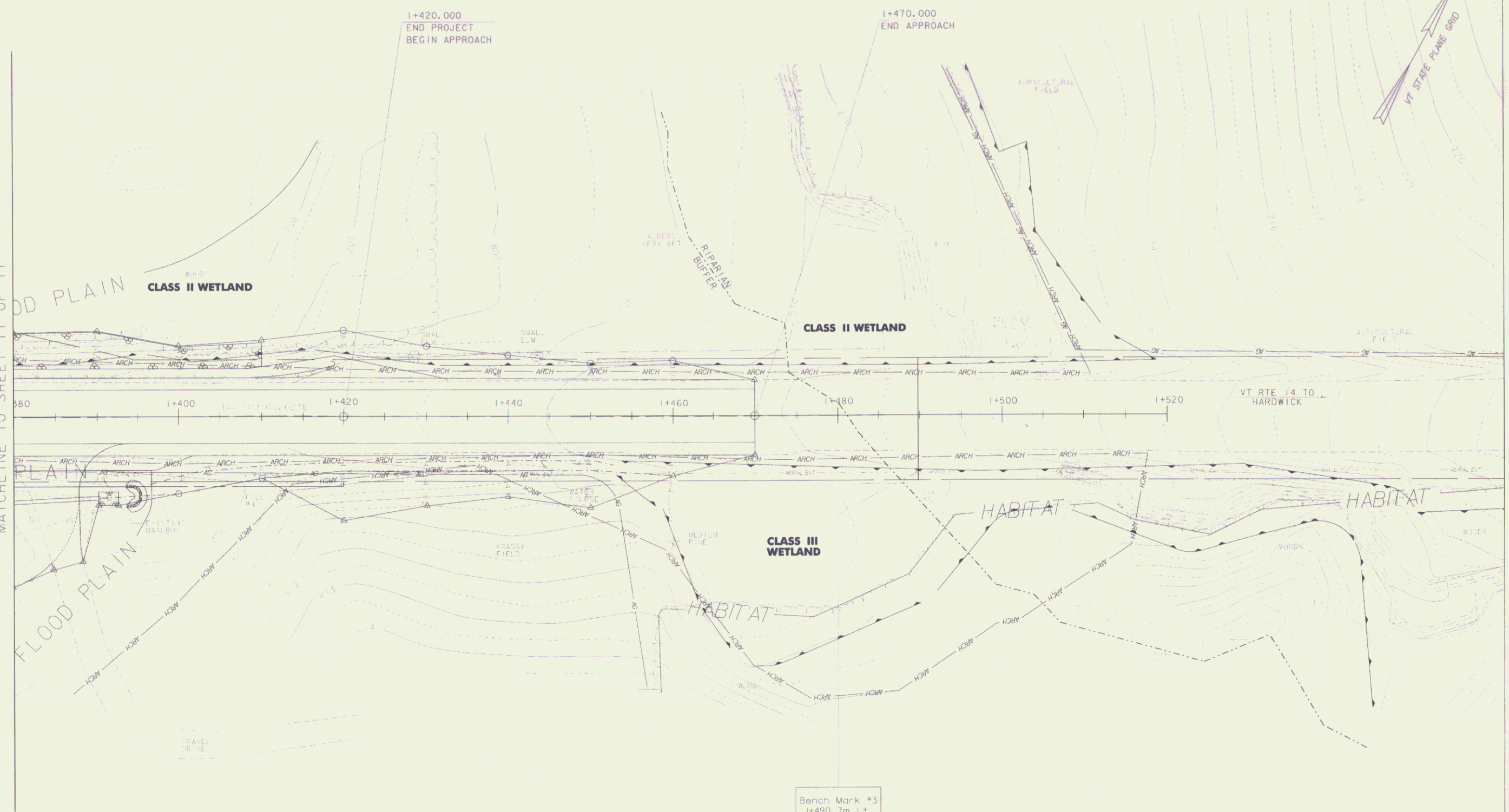
THIS PROJECT IS A/K/A  
EAST MONTPELIER STP 037-2(4)S

### EROSION CONTROL PLAN 2

PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	STP FECC F 037-2(4)S
FILE NAME: /str/5/78f200/sf200ecbdr.dgn	PLOT DATE: ****DATE**
PROJECT LEADER: C. KELLER	DRAWN BY: K. RUTTER
DESIGNED BY: G. SHANGRAW	CHECKED BY:
sf200ec2.i	R.O.W. SHEET 10 OF 17 SHEETS

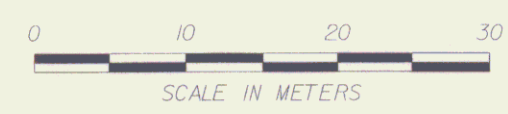


MATCHLINE TO SHEET 11 OF 17



LEGEND	
	PROPERTY LINE
	WETLANDS BOUNDARIES
	SILT FENCE
	SLOPE LIMITS
	PROJECT DEMARCATION FENCE
	STRAW MATTING
	CRUSHED STONE BERMS IN DITCHLINE

Bench Mark #3  
1+490, 7m Lt.  
Spike In Pole  
Elev. 211.632



THIS PROJECT IS A/K/A  
EAST MONTPELIER STP 037-2(4S)

**EROSION CONTROL PLAN 3**

PROJECT NAME:	EAST MONTPELIER	PLOT DATE:	****DATE***
PROJECT NUMBER:	STP FEFC F 037-2(4S)	DRAWN BY:	K. RUTTER
FILE NAME:	/s1r5/78f200/sf200ecbar.dgn	DESIGNED BY:	C. KELLER
DESIGNED BY:	G. SHANGRAW	CHECKED BY:	
PROJECT LEADER:		R.O.W. SHEET	12 OF 17 SHEETS

# RIGHT - OF - WAY DETAIL SHEET



TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA				REMARKS					
							AREA ±	AREA ±	TYPE	(T)/(P)	AREA ±	TITLE	DATE		TOWN / CITY	BOOK	PAGE		
1	SILBERBERG, LESLIE L. TRUSTEE OF THE LESLIE L. SILBERBERG LIVING TRUST DATED NOVEMBER 24, 1999	15, 16	1+107.27 RT.	1+279.73 RT.	0.19 HA		ALL RT. & I			WD	11/28/2006	E. MONTEPELIER	98	197-199	HWY EASE VT. RTE. 14. 0.48A± INCLUDES PDF & EC; 2,347 SF±				
			1+107.27 RT.	1+186.92 RT.		CONST.	(T)	218.05M											
			1+123.90 RT.	1+125.67 RT.		CUL., DIT & DR.	(P)												
			1+179.00 RT.	1+180.46 RT.		DIT & DR.	(P)												
			1+230.00 RT.	1+280.10 RT.		DRAINAGE	(P)												
			1+257.13 RT.	1+280.10 RT.			CONST.	(T)	50.5 SM					544 SF±; INCLUDES EROSION CONTROL & PDF					
			1+266.69 RT.	1+280.22 RT.			DETOUR	(T)	30.3 SM					TWO WAY VEHICULAR; 326 SF±					
			1+279.73 RT.	1+279.73 RT.			ALL RT. & I							FENCE					
			1+279.47 RT.	1+279.73 RT.			REMOVE & RESET	(T)						IRON PIN					
2A	FAULKNER ABIGAIL D. & GUION, HOBART G. JR.	15, 16	1+160.00 LT.	1+192.24 LT.	39.9 SM		ALL RT. & I			WD	6/28/2006	E. MONTEPELIER	93	109-111	430 SF± INCLUDES PDF & EC; 3,673 SF± INCLUDES EROSION CONTROL				
			1+107.80 LT.	1+234.62 LT.		CONST.	(T)	341.2 SM											
			1+127.04 LT.	1+128.71 LT.		DIT & DI	(P)												
			1+129.98 LT.	1+158.43 LT.		SLOPE	(T)	57.3 SM											
			1+166.10 LT.	1+180.00 LT.		SLOPE	(T)	14.8 SM											
			1+175.00 LT.	1+184.72 LT.		DITCH	(P)	26.3 SM											
			1+268.78 LT.	1+269.96 LT.		REMOVE & RESET	(T)												
	1+123.60 LT.	1+126.00 LT.	SLOPE	(T)	1.85 SM														
2B		15, 16	1+107.52 CL	1+268.76 CL	0.17 HA		ALL RT. & I								HWY EASE VT. RTE. 14. 0.42A±				
3A	FROST, KENDAL & RUTH R.	16, 17	1+301.17 LT.	1+361.60 LT.	73.2 SM		ALL RT. & I			WD	7/6/2006	E. MONTEPELIER	94	212-214	788 SF± INCLUDES PDF & EC; 1,114 SF± 660 SF± 0.19A± 3.6M GRAVEL (12') MM 0306 251 SF± GUY WIRE				
			1+268.76 LT.	1+319.20 LT.		CONST.	(T)	103.55M											
			1+295.41 LT.	1+319.20 LT.		SLOPE	(T)	61.3 SM											
			1+295.41 LT.	1+444.23 LT.		UTILITY	(P)	0.07HA											
			1+321.00 LT.	1+321.00 LT.		DRIVE	(T)												
			1+325.00 LT.	1+336.48 LT.		SLOPE	(P)	23.3 SM											
			1+328.97 LT.	1+343.35 LT.		INSTALL	(P)												
			1+322.33 LT.	1+343.35 LT.		CONST.	(T)	149.7 SM											
			1+338.00 LT.	1+341.92 LT.		CHANNEL	(P)	23.9 SM											
			1+345.35 LT.	1+349.67 LT.		CHANNEL	(P)	23.9 SM											
			1+347.81 LT.	1+471.38 LT.		CONST.	(T)	357.6 SM											
			1+348.85 LT.	1+375.12 LT.		SLOPE	(P)	42.9 SM											
			1+380.84 LT.	1+421.00 LT.		SLOPE	(P)	94.8 SM											
			1+421.00 LT.	1+445.05 LT.		SLOPE	(T)	37.3 SM											
			1+419.09 LT.	1+419.09 LT.		INSTALL	(P)												
1+400.00 LT.	1+470.00 LT.	ALL RT. & I																	
1+268.76 LT.	1+269.96 LT.	REMOVE & RESET	(T)																
1+336.50 LT.	1+337.50 LT.	INSTALL & MAINTAIN	(P)																
1+348.50 LT.	1+349.50 LT.	INSTALL & MAINTAIN	(P)																
3B		16, 17	1+268.76 CL	1+484.83 LT.	0.19 HA		ALL RT. & I								HWY EASE VT. RTE. 14. 0.44A±				

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE
1	13, 15	PARCEL NO. 1 SILBERBERG. REMOVE SLOPE (P) AT STA. 1+145.18 RT. ~ 1+154.29 RT. PER C.O. 9436. MADE BY: FM APPROVED BY: RD	9/13/2005
2	15, 16, 17	ALL PARCELS. SHOW EXISTING UTILITY POLES WITH POLE NUMBERS ALSO DISPLAYED ON LAYOUTS. ALSO DEPICT EXISTING TRAFFIC SIGNS ON LAYOUTS. PER C.O. 9437. MADE BY: FM APPROVED BY: RD	9/13/2005
3	13	PARCEL NO. 3 FROST. CHANGE ENDING STA. OF SLOPE AT STA. 1+421.00 LT. ~ 1+461.09 LT. TO 1+445.05 LT. 37.3 SM±; 401 SF± PER C.O. 9438. MADE BY: FM APPROVED BY: RD	9/13/2005
4	14, 16	PARCEL NO. 4 FONTAINE. ADD EXISTING COMMERCIAL SIGN TOPO. ALSO ADD THE FOLLOWING RIGHTS CONCERNING SIGN: REMOVE & RESET (T) AT STA. 1+352.26 RT. RELOCATE (T) AT STA. 1+360.00 RT ± ~ 1+375.00 RT ± PER C.O. 9439. MADE BY: FM APPROVED BY: RD	9/13/2005
5	16	PARCEL NO. 4 FONTAINE. CHANGE STYLE OF ACQUISITION LINE TO A LINE THAT IS DOUBLED DASHED PER C.O. 9440. MADE BY: FM APPROVED BY: RD	9/13/2005
		ELECTRONIC FILES TO STRUCTURES	5/19/2009

**PLAN LEGEND**

	EXISTING RIGHT-OF-WAY		TOE OF SLOPE	EC	-EROSION CONTROL
	TAKING WITH ACCESS		TOP OF CUT	(P)	-PERMANENT
	TAKING WITHOUT ACCESS		SLOPE RIGHT	(T)	-TEMPORARY
	CLEAR ZONE		CONSTRUCTION RIGHT	DR.	-DRAINAGE RIGHT
	PROPERTY LINE		PROJECT DEMARCATION FENCE	DIT.	-DITCHING RIGHT
				CH.	-CHANNEL RIGHT
				DRIVE	-DRIVE RIGHT
				CUL.	-CULVERT RIGHT
				C&T	-CLEARING & TRIMMING RIGHT
				SR	-SLOPE RIGHT
				UE	-UTILITY EASEMENT

APPROVED: ROGER P. DUMAS, DATE: 06-20-05  
CHIEF, PLANS & TITLES

THIS PROJECT IS A/K/A EAST MONTEPELIER STP FECC F 037-2(4)S

PLOT DATE: 6/24/2009

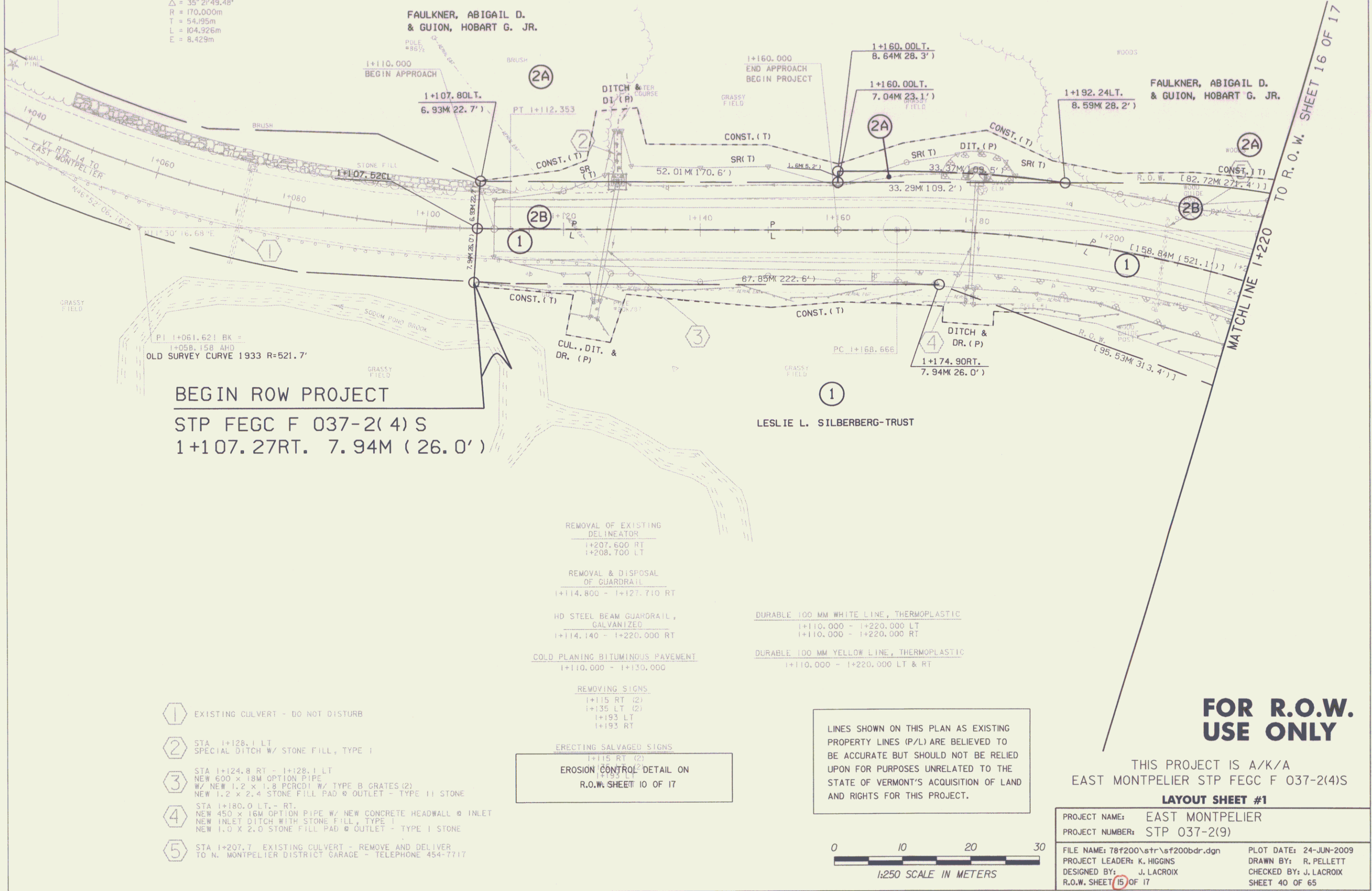
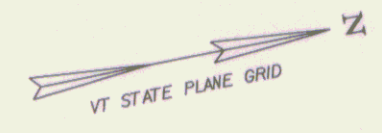
PROJECT NAME: EAST MONTEPELIER	PLOT DATE: 6/24/2009
PROJECT NUMBER: STP 037-2 (9)	DRAWN BY: P. HARDIE
FILE NAME: 78F200DETAILSHEET	CHECKED BY: F. MALNATI
PROJECT LEADER: K. HIGGINS	SHEET 38 OF 65
DESIGNED BY: J. LACROIX	
R.O.W. SHEET 13 OF 17	



Bench Mark #1  
1+028.6m Lt.  
Spoke In Root  
Elev. 208.550

VERT. CURVE #1  
Δ = 35° 2' 49.48"  
R = 170.000m  
T = 54.95m  
L = 104.926m  
E = 8.429m

FAULKNER, ABIGAIL D.  
& GUION, HOBART G. JR.



**BEGIN ROW PROJECT**  
STP FEFC F 037-2(4) S  
1+107.27RT. 7.94M (26.0')

REMOVAL OF EXISTING  
DELINEATOR  
1+207.600 RT  
1+208.700 LT

REMOVAL & DISPOSAL  
OF GUARDRAIL  
1+114.800 - 1+127.710 RT

HD STEEL BEAM GUARDRAIL,  
GALVANIZED  
1+114.140 - 1+220.000 RT

COLD PLANING BITUMINOUS PAVEMENT  
1+110.000 - 1+130.000

REMOVING SIGNS  
1+115 RT (2)  
1+135 LT (2)  
1+193 LT  
1+193 RT

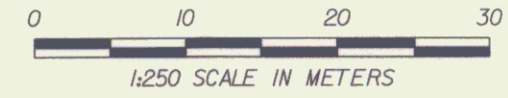
ERECTING SALVAGED SIGNS  
1+115 RT (2)  
**EROSION CONTROL DETAIL ON  
R.O.W. SHEET 10 OF 17**

DURABLE 100 MM WHITE LINE, THERMOPLASTIC  
1+110.000 - 1+220.000 LT  
1+110.000 - 1+220.000 RT

DURABLE 100 MM YELLOW LINE, THERMOPLASTIC  
1+110.000 - 1+220.000 LT & RT

- ① EXISTING CULVERT - DO NOT DISTURB
- ② STA 1+128.1 LT  
SPECIAL DITCH W/ STONE FILL, TYPE 1
- ③ STA 1+124.8 RT - 1+128.1 LT  
NEW 600 x 18M OPTION PIPE  
W/ NEW 1.2 x 1.8 PERCDI W/ TYPE B GRATES (2)  
NEW 1.2 x 2.4 STONE FILL PAD @ OUTLET - TYPE 11 STONE
- ④ STA 1+180.0 LT - RT  
NEW 450 x 16M OPTION PIPE W/ NEW CONCRETE HEADWALL @ INLET  
NEW INLET DITCH WITH STONE FILL, TYPE 1  
NEW 1.0 x 2.0 STONE FILL PAD @ OUTLET - TYPE 1 STONE
- ⑤ STA 1+207.7 EXISTING CULVERT - REMOVE AND DELIVER  
TO N. MONTPELIER DISTRICT GARAGE - TELEPHONE 454-7717

LINES SHOWN ON THIS PLAN AS EXISTING  
PROPERTY LINES (P/L) ARE BELIEVED TO  
BE ACCURATE BUT SHOULD NOT BE RELIED  
UPON FOR PURPOSES UNRELATED TO THE  
STATE OF VERMONT'S ACQUISITION OF LAND  
AND RIGHTS FOR THIS PROJECT.



**FOR R.O.W.  
USE ONLY**

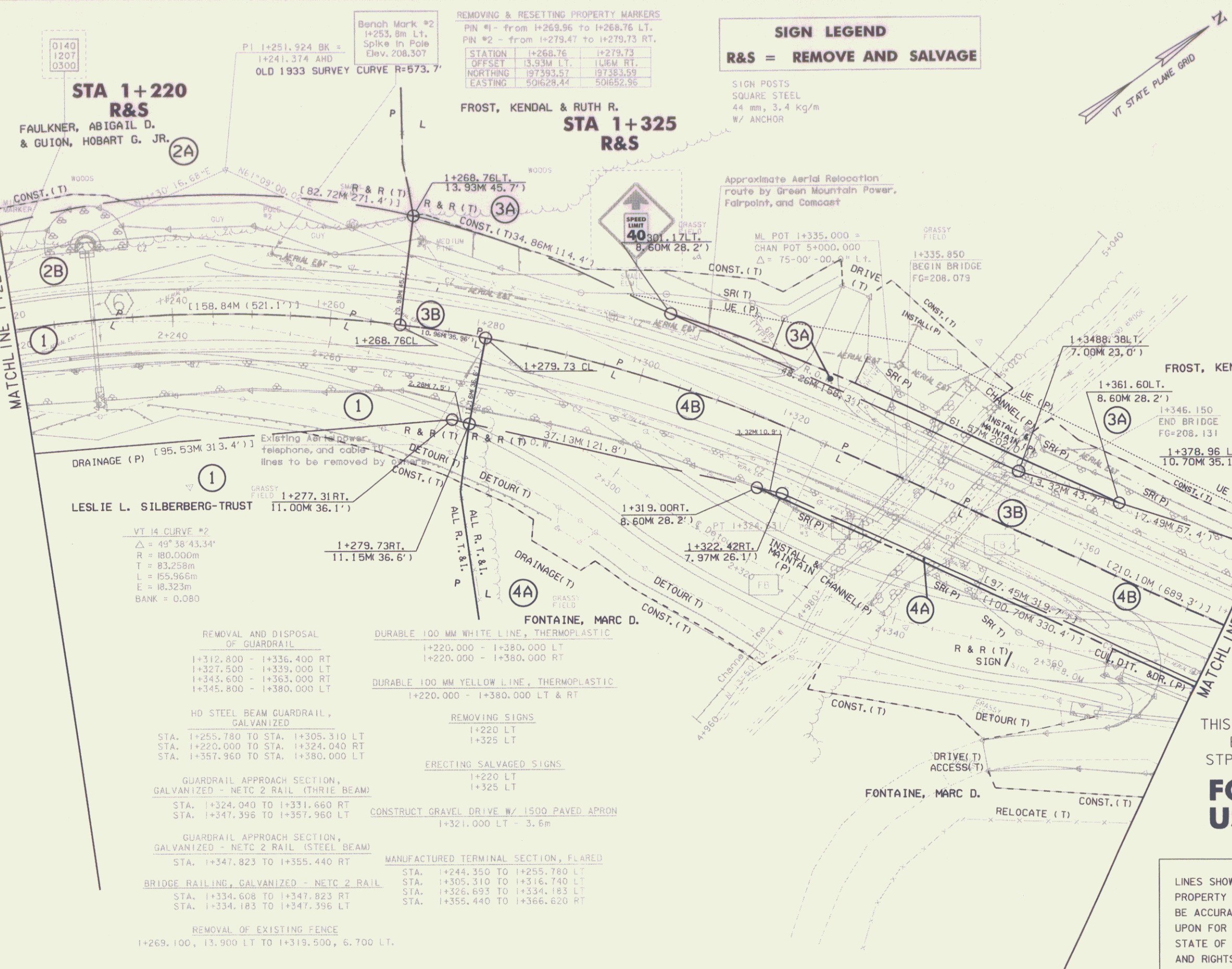
THIS PROJECT IS A/K/A  
EAST MONTPELIER STP FEFC F 037-2(4)S

**LAYOUT SHEET #1**

PROJECT NAME: EAST MONTPELIER  
PROJECT NUMBER: STP 037-2(9)

FILE NAME: T8f200\str\sf200bdr.dgn PLOT DATE: 24-JUN-2009  
PROJECT LEADER: K. HIGGINS DRAWN BY: R. PELLETT  
DESIGNED BY: J. LACROIX CHECKED BY: J. LACROIX  
R.O.W. SHEET 15 OF 17 SHEET 40 OF 65

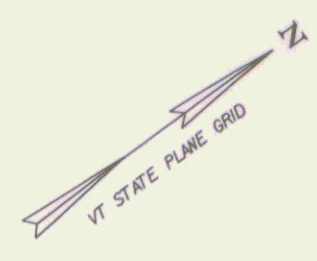
MATCHLINE I+220 TO R.O.W. SHEET 15 OF 17



**SIGN LEGEND**  
**R&S = REMOVE AND SALVAGE**

SIGN POSTS  
 SQUARE STEEL  
 44 mm, 3.4 Kg/m  
 W/ ANCHOR

Approximate Aerial Relocation  
 route by Green Mountain Power,  
 Fairpoint, and Comcast



**STA 1+220  
 R&S**  
 FAULKNER, ABIGAIL D.  
 & GUION, HOBART G. JR.

**STA 1+325  
 R&S**  
 FROST, KENDAL & RUTH R.

**STA 1+380  
 R&S**  
 FROST, KENDAL & RUTH R.

**STA 1+380  
 R&S**  
 FONTAINE, MARC D.

**LESLIE L. SILBERBERG-TRUST**  
 1+277.31 RT.  
 11.00M 36.1'

VT 14 CURVE #2  
 $\Delta = 49^\circ 38' 43.34''$   
 $R = 180.000m$   
 $T = 83.258m$   
 $L = 155.966m$   
 $E = 18.323m$   
 $BANK = 0.080$

**REMOVAL AND DISPOSAL  
 OF GUARDRAIL**  
 1+312.800 - 1+336.400 RT  
 1+327.500 - 1+339.000 LT  
 1+343.600 - 1+363.000 RT  
 1+345.800 - 1+380.000 LT

**HD STEEL BEAM GUARDRAIL,  
 GALVANIZED**  
 STA. 1+255.780 TO STA. 1+305.310 LT  
 STA. 1+220.000 TO STA. 1+324.040 RT  
 STA. 1+357.960 TO STA. 1+380.000 LT

**GUARDRAIL APPROACH SECTION,  
 GALVANIZED - NETC 2 RAIL (THREE BEAM)**  
 STA. 1+324.040 TO 1+331.660 RT  
 STA. 1+347.396 TO 1+357.960 LT

**GUARDRAIL APPROACH SECTION,  
 GALVANIZED - NETC 2 RAIL (STEEL BEAM)**  
 STA. 1+347.823 TO 1+355.440 RT

**BRIDGE RAILING, GALVANIZED - NETC 2 RAIL**  
 STA. 1+334.608 TO 1+347.823 RT  
 STA. 1+334.183 TO 1+347.396 LT

**REMOVAL OF EXISTING FENCE**  
 1+269.100, 13.900 LT TO 1+319.500, 6.700 LT.

**DURABLE 100 MM WHITE LINE, THERMOPLASTIC**  
 1+220.000 - 1+380.000 LT  
 1+220.000 - 1+380.000 RT

**DURABLE 100 MM YELLOW LINE, THERMOPLASTIC**  
 1+220.000 - 1+380.000 LT & RT

**REMOVING SIGNS**  
 1+220 LT  
 1+325 LT

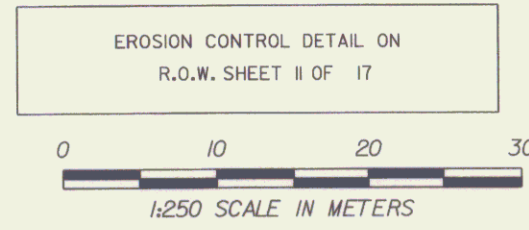
**ERECTING SALVAGED SIGNS**  
 1+220 LT  
 1+325 LT

**CONSTRUCT GRAVEL DRIVE W/ 1500 PAVED APRON**  
 1+321.000 LT - 3.6m

**MANUFACTURED TERMINAL SECTION, FLARED**  
 STA. 1+244.350 TO 1+255.780 LT  
 STA. 1+305.310 TO 1+316.740 LT  
 STA. 1+326.893 TO 1+334.183 LT  
 STA. 1+355.440 TO 1+366.620 RT

THIS PROJECT IS A/K/A  
 EAST MONTPELIER  
 STP FECC F 037-2(4S)  
**FOR R.O.W.  
 USE ONLY**

LINES SHOWN ON THIS PLAN AS EXISTING  
 PROPERTY LINES (P/L) ARE BELIEVED TO  
 BE ACCURATE BUT SHOULD NOT BE RELIED  
 UPON FOR PURPOSES UNRELATED TO THE  
 STATE OF VERMONT'S ACQUISITION OF LAND  
 AND RIGHTS FOR THIS PROJECT.



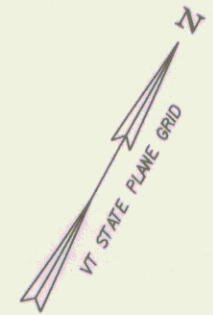
**LAYOUT SHEET #2**

PROJECT NAME: EAST MONTPELIER  
 PROJECT NUMBER: STP 037-2(9)

FILE NAME: T84200\str\sf200bdr.dgn  
 PROJECT LEADER: K. HIGGINS  
 DESIGNED BY: J. LACROIX  
 R.O.W. SHEET 16 OF 17

PLOT DATE: 24-JUN-2009  
 DRAWN BY: R. PELLET  
 CHECKED BY: J. LACROIX  
 SHEET 41 OF 65

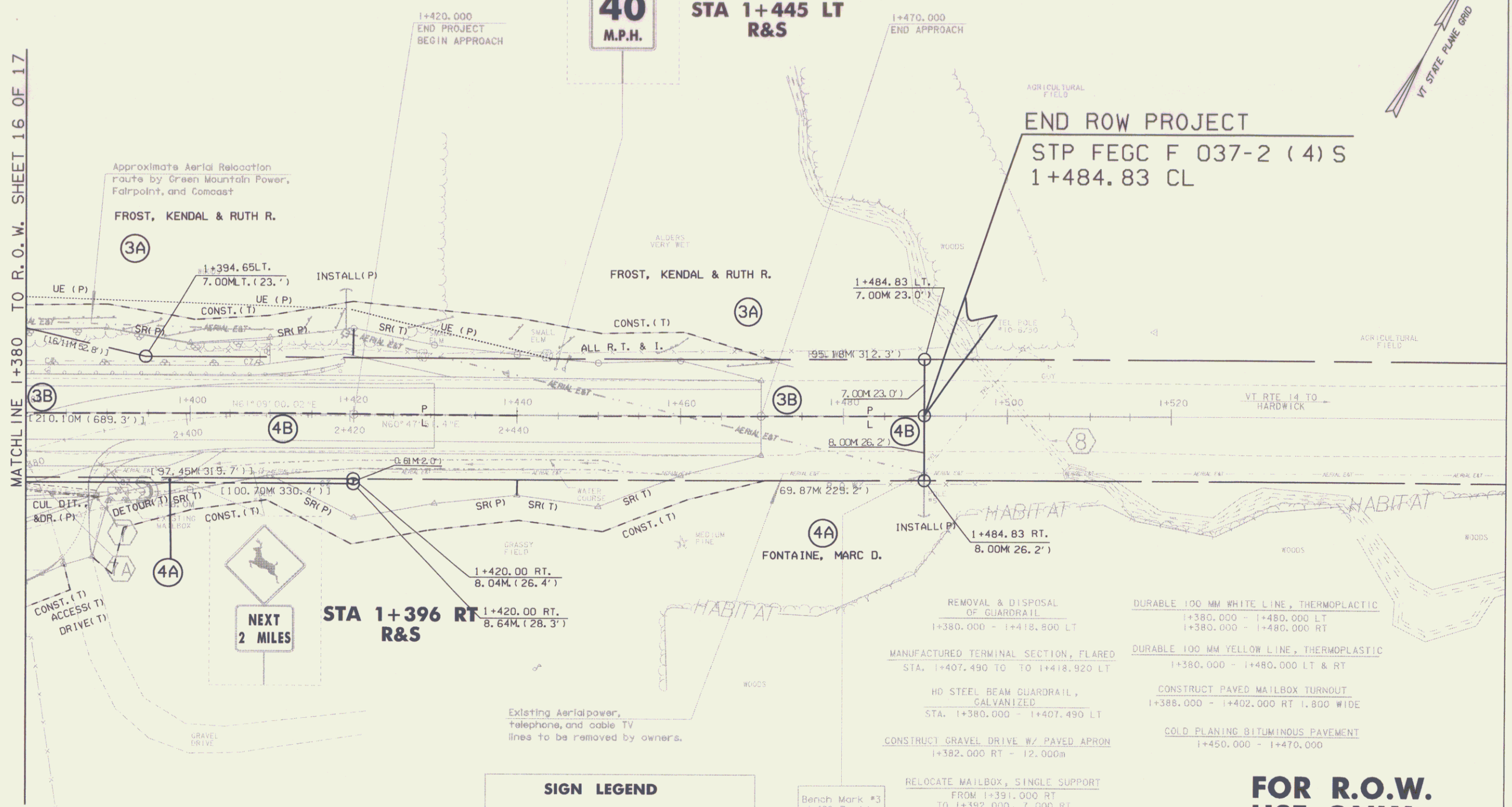
6 STA 1+230.0 LT. - RT.  
 NEW 450 X 180 OPTION PIPE W/ NEW CONCRETE HEADWALL @ INLET  
 NEW INLET DITCH W/ STONE FILL, TYPE 1  
 NEW 1.0 X 2.0 STONE PAD @ OUTLET - STONE FILL, TYPE 1



STA 1+445 LT R&S

END ROW PROJECT  
STP FECC F 037-2 (4) S  
1+484.83 CL

MATCHLINE 1+380 TO R.O.W. SHEET 16 OF 17



**SIGN LEGEND**  
R&S = REMOVE AND SALVAGE

Bench Mark #3  
1+490, 7m LT.  
Spike In Pole  
Elev. 211.632

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

- 7 STA 1+380.6 RT.  
NEW 450 X 20.0M OPTION PIPE W/ END SECTION Ø INLET W/ STONE PAD, TYPE 1 STONE FILL  
NEW 1.0 X 2.0 OUTLET DITCH W/ STONE FILL PAD, TYPE 1 STONE FILL
- 7A REMOVE EXISTING
- 8 EXISTING CULVERT - DO NOT DISTURB

- REMOVAL & DISPOSAL OF GUARDRAIL  
1+380.000 - 1+418.800 LT
- MANUFACTURED TERMINAL SECTION, FLARED  
STA. 1+407.490 TO 1+418.920 LT
- HD STEEL BEAM GUARDRAIL, GALVANIZED  
STA. 1+380.000 - 1+407.490 LT
- CONSTRUCT GRAVEL DRIVE W/ PAVED APRON  
1+382.000 RT - 12.000m
- RELOCATE MAILBOX, SINGLE SUPPORT  
FROM 1+391.000 RT TO 1+392.000, 7.000 RT
- REMOVAL OF EXISTING FENCE  
1+400.000 TO 1+470.000 LT
- REMOVING SIGNS  
1+445 LT (2)  
1+396 RT (2)
- ERECTING SALVAGED SIGNS  
1+445 LT (2)  
1+396 RT (2)
- DURABLE 100 MM WHITE LINE, THERMOPLASTIC  
1+380.000 - 1+480.000 LT  
1+380.000 - 1+480.000 RT
- DURABLE 100 MM YELLOW LINE, THERMOPLASTIC  
1+380.000 - 1+480.000 LT & RT
- CONSTRUCT PAVED MAILBOX TURNOUT  
1+388.000 - 1+402.000 RT 1.800 WIDE
- COLD PLANING BITUMINOUS PAVEMENT  
1+450.000 - 1+470.000

**FOR R.O.W. USE ONLY**

EROSION CONTROL DETAIL ON R.O.W. SHEET 12 OF 17

LAYOUT SHEET #3

PROJECT NAME: EAST MONTPELIER  
PROJECT NUMBER: STP 037-2(9)  
FILE NAME: T8f200\str\stf200bdr.dgn  
PROJECT LEADER: K. HIGGINS  
DESIGNED BY: J. LACROIX  
R.O.W. SHEET 17 OF 17 SHEETS  
PLOT DATE: 24-JUN-2009  
DRAWN BY: R. PELLETT  
CHECKED BY: J. LACROIX  
SHEET 42 OF 65

THIS PROJECT IS A/K/A EAST MONTPELIER STP FECC F 037-2(4)S  
1:250 SCALE IN METERS

