

Revised 11-07-01

STATE OF VERMONT AGENCY OF TRANSPORTATION

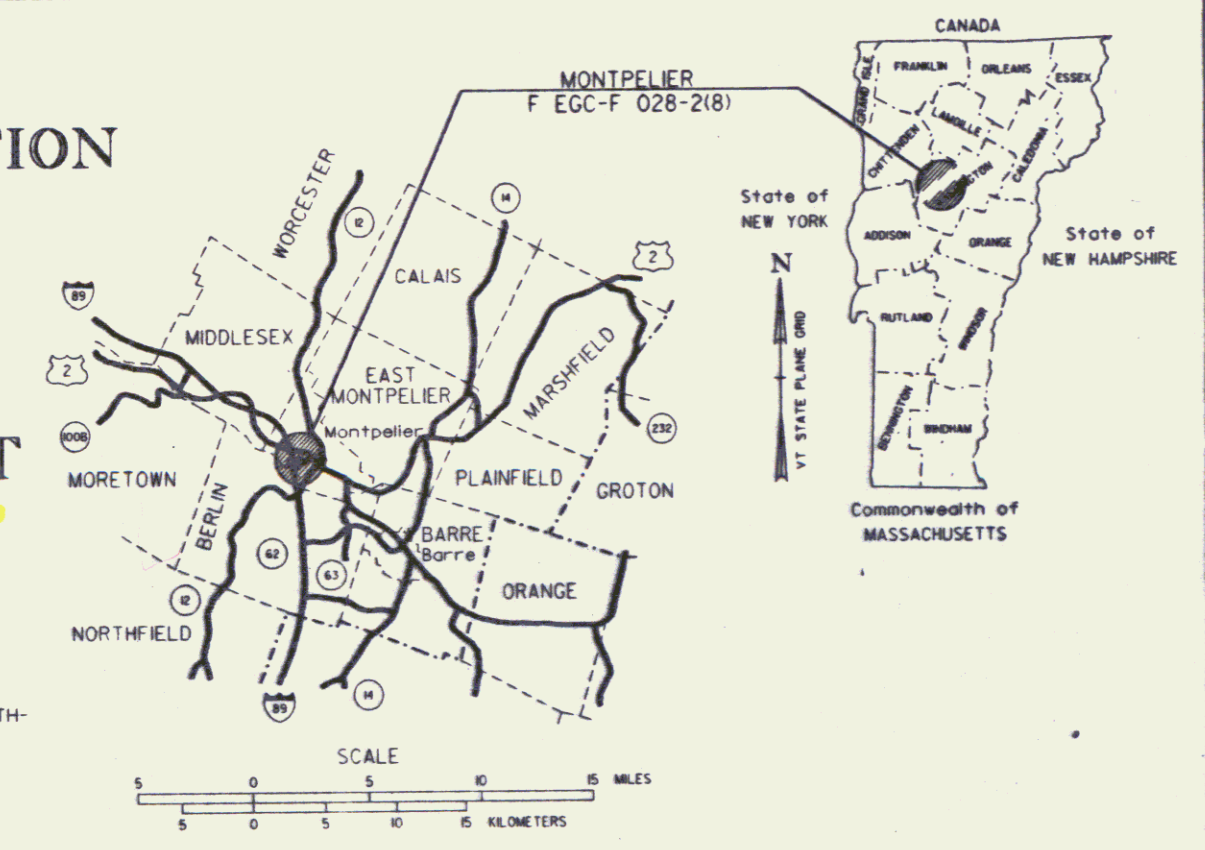


PROPOSED IMPROVEMENT CITY OF MONTPELIER COUNTY OF WASHINGTON MONTPELIER STATE HIGHWAY (PRINCIPAL ARTERIAL) F EGC-F 028-2(8)

BEGINNING AT MM 0.000 ON THE MONTPELIER STATE HIGHWAY AND EXTENDING NORTH-EASTERLY 0.854 MILES ON THE MONTPELIER STATE HIGHWAY TO MM 0.854

LENGTH OF ROADWAY 4750 FEET= 0.900 MILES
LENGTH OF PROJECT 4750 FEET= 0.900 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES WIDENING OF SECTIONS OF EXISTING ROADWAY AND RAMPS AND RESURFACING OF EXISTING ROADWAY AND SHOULDERS, FROM STA. 0+00 TO STA. 47+50, SECTIONS OF RAMPS "A" AND "B", DOG RIVER ROAD FROM STA. 30+40 TO 34+00 AND RAMPS "N" AND "M", WITH A LEVELING COURSE AND A 1 3/4" OVERLAY OF BITUMINOUS CONCRETE PAVEMENT. OTHER WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REMOVING AND RESETTING OF GRANITE CURB, UPGRADING SUBSTANDARD 3-CABLE GUARDRAIL TO APPROVED STANDARDS, AND UPGRADING SIGNS AND SUPPORTS.

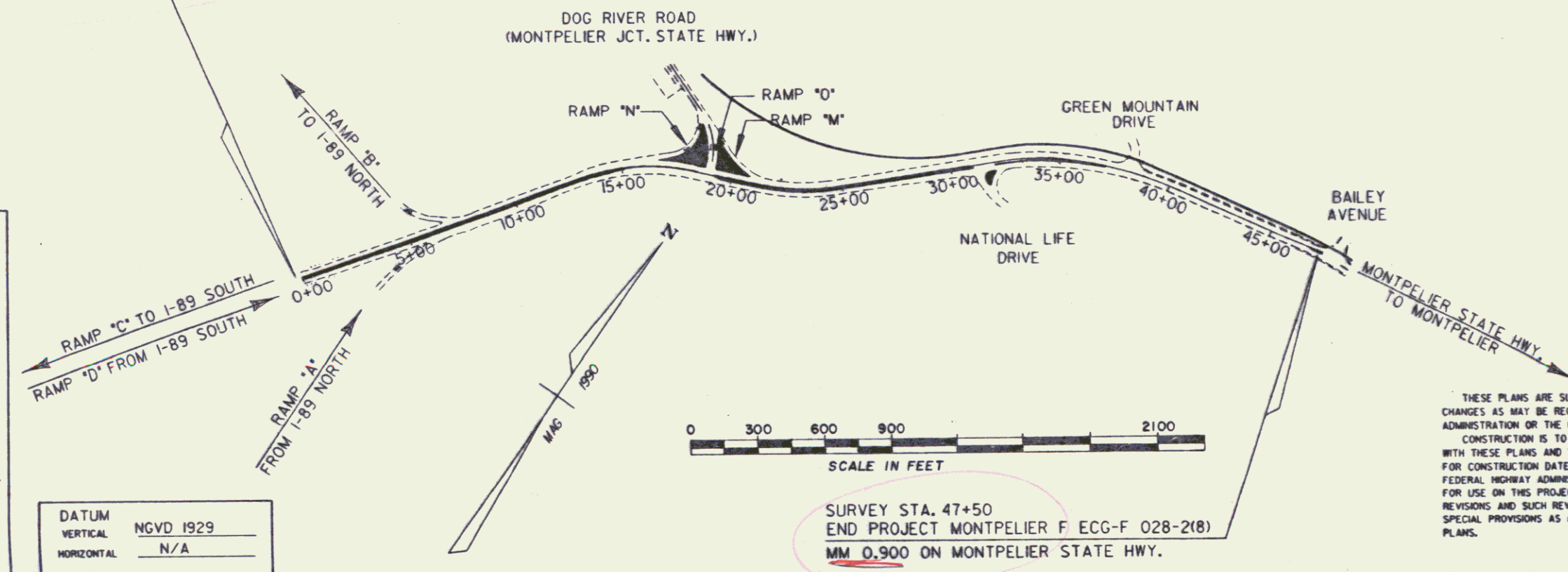


R.O.W. PLANS

SURVEY STA 0+00
BEGIN PROJECT MONTPELIER F EGC-F 028-2(8)
MM 0.000 ON MONTPELIER STATE HWY.

CONVENTIONAL SIGNS	
COUNTY LINE	---
TOWN LINE	----
LIMITS OF ACCESS	---X---
POINT OF ACCESS	X
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
TOP OF CUT	△
TOE OF SLOPE	○

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A



SURVEY STA. 47+50
END PROJECT MONTPELIER F EGC-F 028-2(8)
MM 0.900 ON MONTPELIER STATE HWY.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

Route #: ST HWY
Pin # 898018

APPROVED: *[Signature]* DATE: 11/19/92
Director of Engineering

APPROVED: *[Signature]* DATE: 3-1-93
Chief of Right of Way

MONTPELIER
F EGC-F 028-2(8)
R.O.W. SHEET 1 OF 15 SHEETS

898018.TIT.PRF

**STATE OF VERMONT
AGENCY OF TRANSPORTATION
TABLE OF PROJECT PROPERTY ACQUISITION
RIGHT OF WAY PLANS
DETAIL SHEET**

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	NATIONAL LIFE INSURANCE CO.	8,9	27+00 RT.	31+20 RT.	0.51A:			MD	04-11-94	MONTPELIER	271	194-196		1	3,9	PARCEL NO. 1 NATIONAL LIFE INSURANCE CO. CHANGE ENDING STA. OF TAKE FROM 31+23 RT. TO 31+20 RT. PER C.O. 8380.	05-26-93	C. C. P.	L. W. B.
		11	32+35 RT. 43+85 RT. 45+60 RT.				INSTALL & MAINTAIN (P) INSTALL & MAINTAIN (P) INSTALL & MAINTAIN (P)						TRAFFIC SIGN TRAFFIC SIGN TRAFFIC SIGN		3,8,9	PARCEL NO. 2 WASHINGTON COUNTY RAILROAD CORP. CHANGE ENDING STA. OF TAKE FROM 27+02 LT. TO 27+00 LT. AND CHANGE TAKE AREA FROM 741 S.F. TO 703 S.F. ALSO CHANGE ENDING STA. OF DITCH (P) FROM 36+15 LT. TO 36+37 LT. PER C.O. 8380.	05-26-93	C. C. P.	L. W. B.
2	WASHINGTON COUNTY RAILROAD CORP. - LESSEE STATE OF VERMONT - LESSOR	8,9 10,11	26+24 LT.	27+00 LT.	0.02A:														
			27+30 LT. 28+90 LT. 29+50 LT. 31+70 LT. 34+93 LT. 37+80 LT. 38+60 LT. 46+12 LT. 47+22 LT.	27+55 LT. 36+35 LT. 33+00 LT.			EASEMENT (T) SLOPE (T) 0.22A: CULVERT (P) INSTALL & MAINTAIN (P) CULVERT (P) INSTALL & MAINTAIN (P) INSTALL & MAINTAIN (P) INSTALL & MAINTAIN (P) INSTALL & MAINTAIN (P)						703 S.F. - AREA TO BE REMOVED FROM LEASE PLUG PIPE AND REMOVE HEADWALL		3,9	PARCEL NO. 3 CITY OF MONTPELIER. CHANGE ENDING STA. OF INSTALL & MAINTAIN (P) FROM 32+02 RT. TO 31+96 RT. PER C.O. 8380.	05-26-93	C. C. P.	L. W. B.
3	CITY OF MONTPELIER	9	31+27 RT.	31+96 RT.			INSTALL & MAINTAIN (P)	WDOE	02-01-94	MONTPELIER	269	78-79	PAVEMENT MARKINGS						
4	GREEN MOUNTAIN POWER CORPORATION												UTILITY						
5	NEW ENGLAND TELEPHONE COMPANY												UTILITY						

03-3628 1805 898018

ACCT:prop /prop/89008/rb018.dgn
DATE PLOTTED: 11-11-93

DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS

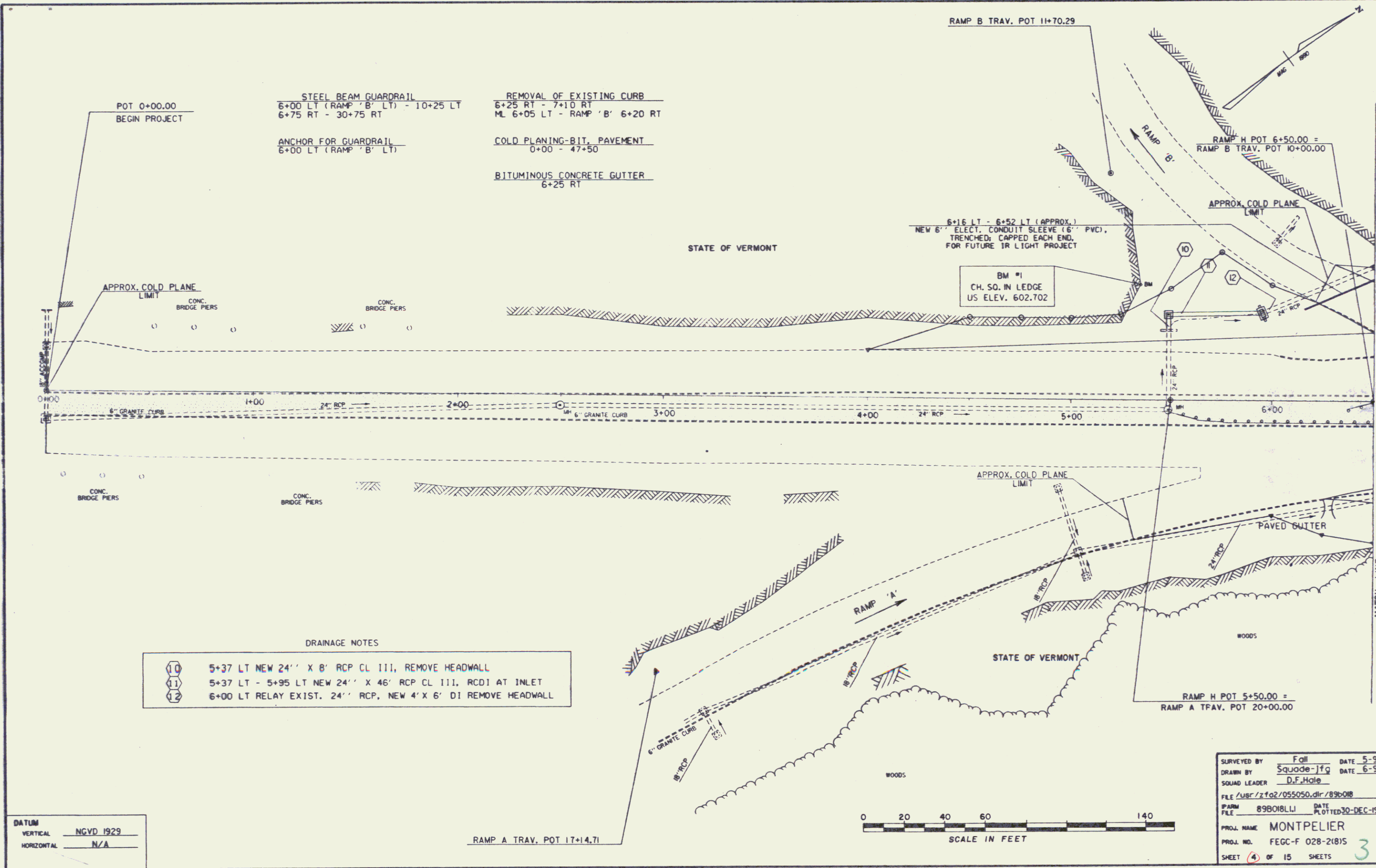
LEGEND
--- CZ (P) --- CLEAR ZONE
--- CONST. (T) --- CONSTRUCTION EASEMENT
--- SR --- SLOPE RIGHTS
--- P --- PROPERTY LINE

REVISED 05-26-93

R. O. W. PLANS

APPROVED: LAWRENCE BLISS, L.S., DATE: 03-19-93

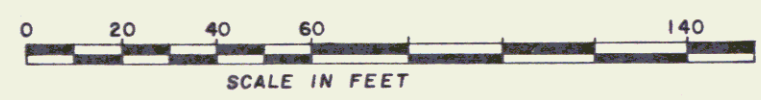
MONTPELIER 2
FEGC F 028-2(8) S
SHEET 3



- STEEL BEAM GUARDRAIL
6+00 LT (RAMP 'B' LT) - 10+25 LT
6+75 RT - 30+75 RT
- ANCHOR FOR GUARDRAIL
6+00 LT (RAMP 'B' LT)
- REMOVAL OF EXISTING CURB
6+25 RT - 7+10 RT
ML 6+05 LT - RAMP 'B' 6+20 RT
- COLD PLANING-BIT. PAVEMENT
0+00 - 47+50
- BITUMINOUS CONCRETE GUTTER
6+25 RT

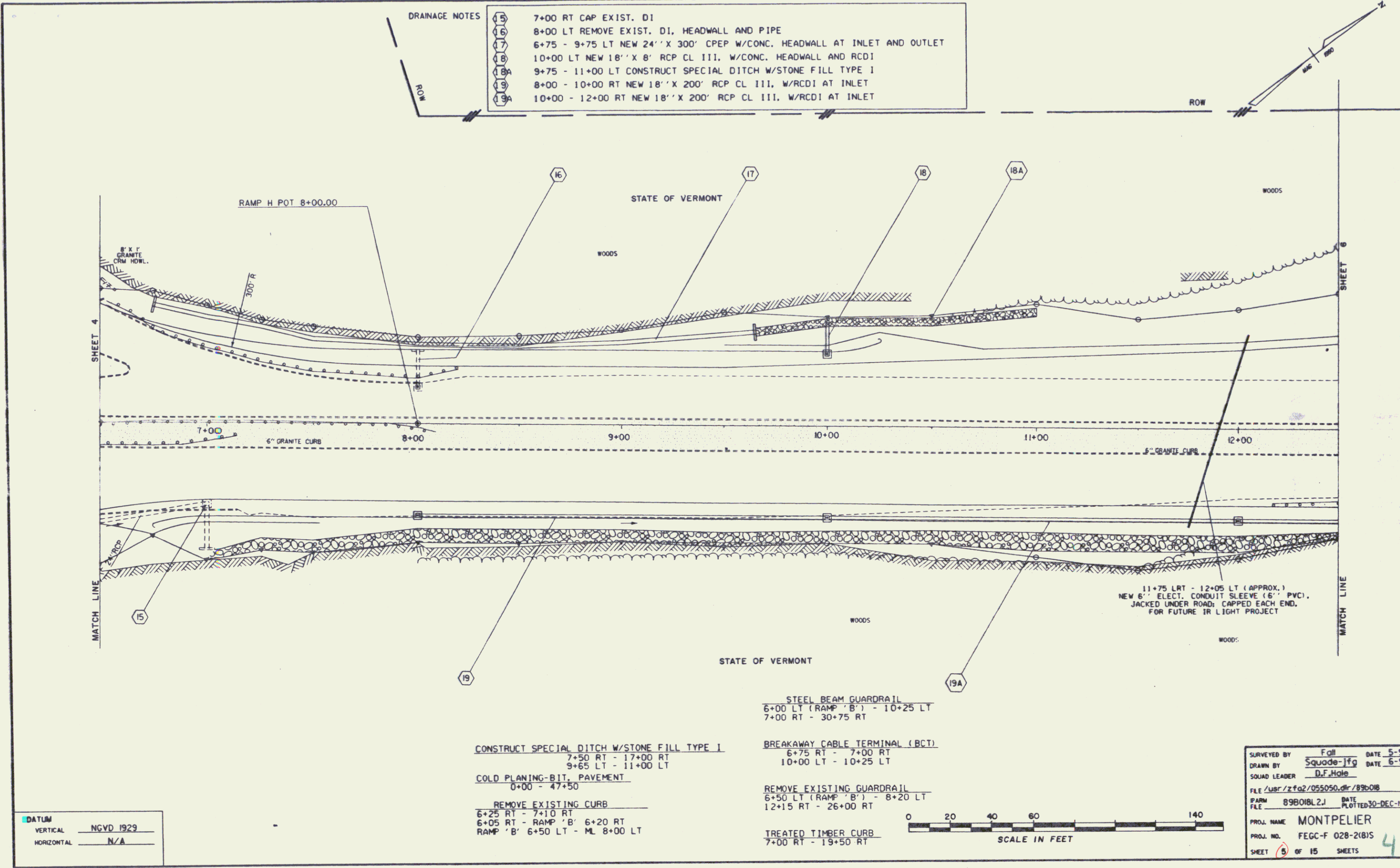
- DRAINAGE NOTES
- 10 5+37 LT NEW 24" X 8" RCP CL 111, REMOVE HEADWALL
 - 11 5+37 LT - 5+95 LT NEW 24" X 46" RCP CL 111, RCDI AT INLET
 - 12 6+00 LT RELAY EXIST. 24" RCP, NEW 4' X 6' DI REMOVE HEADWALL

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



SURVEYED BY Fall DATE 5-9
 DRAWN BY Squade-jfg DATE 6-9
 SQUAD LEADER D.F.Hale
 FILE /usr/zfg2/055050.dir/89b018
 PARM FILE 89B018LJ DATE PLOTTED 30-DEC-19
 PROJ. NAME MONTPELIER
 PROJ. NO. FECC-F 028-21815
 SHEET 4 OF 15 SHEETS

- DRAINAGE NOTES**
- 15 7+00 RT CAP EXIST. DI
 - 16 8+00 LT REMOVE EXIST. DI, HEADWALL AND PIPE
 - 17 6+75 - 9+75 LT NEW 24" X 300' CPEP W/CONC. HEADWALL AT INLET AND OUTLET
 - 18 10+00 LT NEW 18" X 8' RCP CL III, W/CONC. HEADWALL AND RCDI
 - 18A 9+75 - 11+00 LT CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
 - 19 8+00 - 10+00 RT NEW 18" X 200' RCP CL III, W/RCDI AT INLET
 - 19A 10+00 - 12+00 RT NEW 18" X 200' RCP CL III, W/RCDI AT INLET



DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A

REMOVE EXISTING CURB
 6+25 RT - 7+10 RT
 6+05 RT - RAMP 'B' 6+20 RT
 RAMP 'B' 6+50 LT - ML 8+00 LT

COLD PLANING-BIT, PAVEMENT
 0+00 - 47+50

CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
 7+50 RT - 17+00 RT
 9+65 LT - 11+00 LT

STEEL BEAM GUARDRAIL
 6+00 LT (RAMP 'B') - 10+25 LT
 7+00 RT - 30+75 RT

BREAKAWAY CABLE TERMINAL (BCT)
 6+75 RT - 7+00 RT
 10+00 LT - 10+25 LT

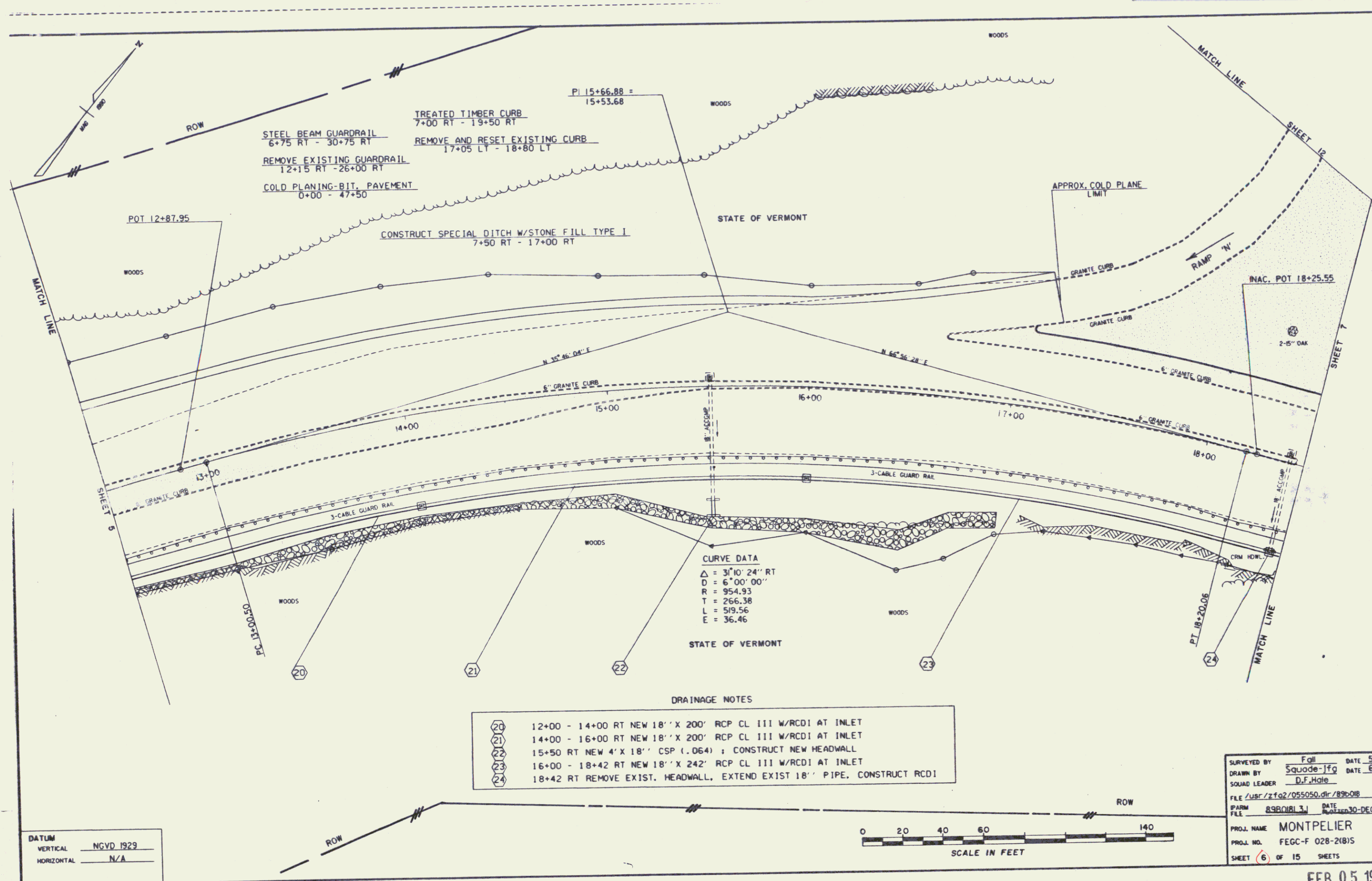
REMOVE EXISTING GUARDRAIL
 6+50 LT (RAMP 'B') - 8+20 LT
 12+15 RT - 26+00 RT

TREATED TIMBER CURB
 7+00 RT - 19+50 RT



SURVEYED BY Fall DATE 5-5
 DRAWN BY Squade-jfg DATE 6-5
 SQUAD LEADER D.F.Hole
 FILE /usr/zfg2/055050.dir/89b018
 PARM 89B018.LJ DATE PLOTTED 30-DEC-91
 PROJ. NAME MONTPELIER
 PROJ. NO. FECC-F 028-21815
 SHEET 5 OF 15 SHEETS

FEB 01 1992



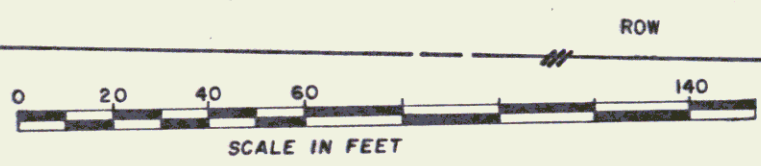
STATE OF VERMONT

CURVE DATA
 $\Delta = 3^{\circ}10'24''$ RT
 $D = 6^{\circ}00'00''$
 $R = 954.93$
 $T = 266.38$
 $L = 519.56$
 $E = 36.46$

DRAINAGE NOTES

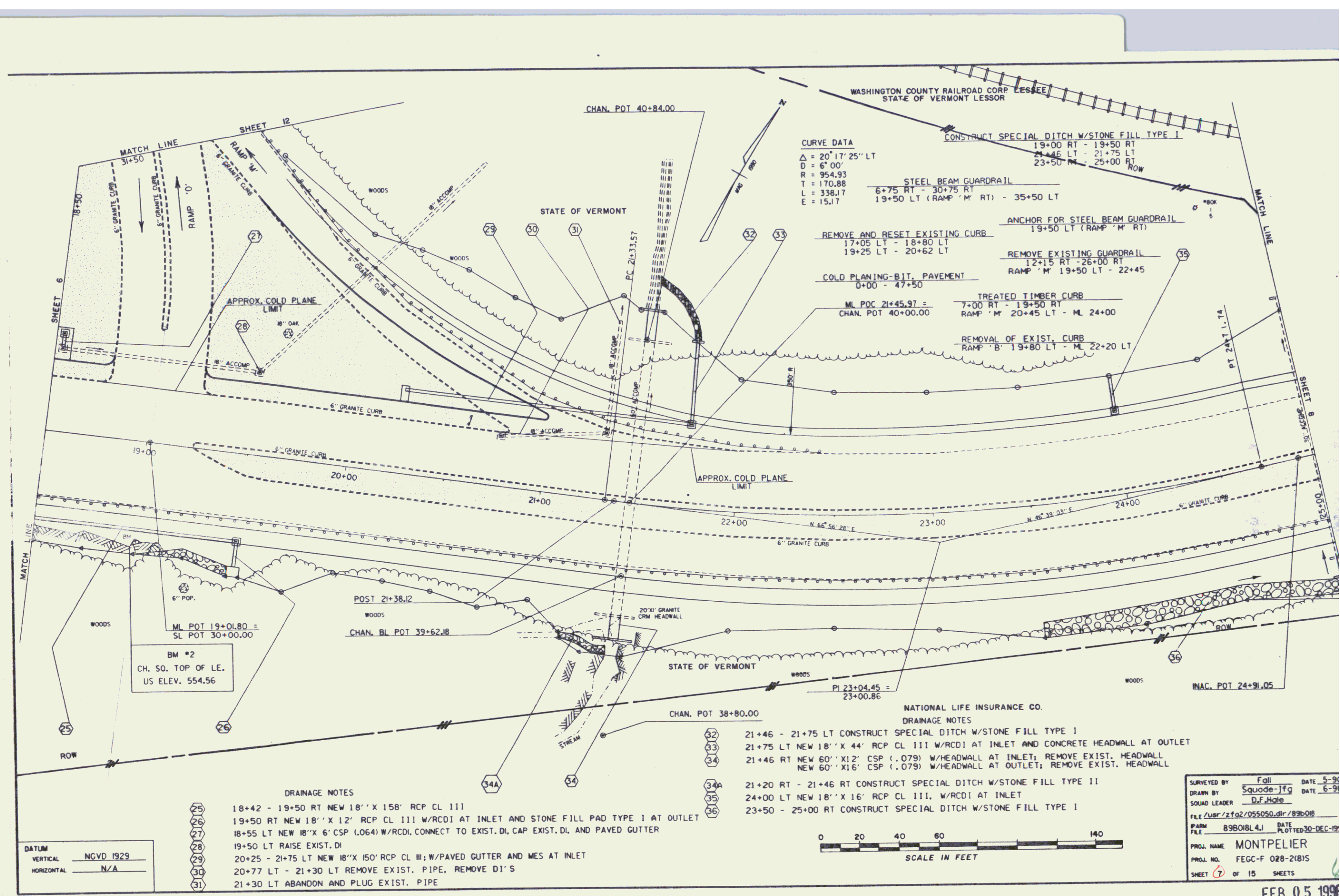
- (20) 12+00 - 14+00 RT NEW 18" X 200' RCP CL III W/RCDI AT INLET
- (21) 14+00 - 16+00 RT NEW 18" X 200' RCP CL III W/RCDI AT INLET
- (22) 15+50 RT NEW 4' X 18" CSP (.064) ; CONSTRUCT NEW HEADWALL
- (23) 16+00 - 18+42 RT NEW 18" X 242' RCP CL III W/RCDI AT INLET
- (24) 18+42 RT REMOVE EXIST. HEADWALL, EXTEND EXIST 18" PIPE, CONSTRUCT RCDI

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



SURVEYED BY Fall DATE 5-90
 DRAWN BY Squade-jfg DATE 6-90
 SQUAD LEADER D.F.Hale
 FILE /usr/zfg2/055050.dir/89b018
 PARM FILE 89b018.3 DATE 10/30/90
 PROJ. NAME MONTPELIER
 PROJ. NO. FECC-F 028-2(B)S
 SHEET 6 OF 15 SHEETS

FEB 05 1998



CURVE DATA
 $\Delta = 20^\circ 17' 25''$ LT
 $D = 6^\circ 00'$
 $R = 954.93$
 $T = 170.88$
 $L = 338.17$
 $E = 15.17$

CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
 19+00 RT - 19+50 RT
 21+45 LT - 21+75 LT
 23+50 M - 25+00 RT
 ROW

STEEL BEAM GUARDRAIL
 6+75 RT - 30+75 RT
 19+50 LT (RAMP 'M' RT) - 35+50 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
 19+50 LT (RAMP 'M' RT)

REMOVE AND RESET EXISTING CURB
 17+05 LT - 18+80 LT
 19+25 LT - 20+62 LT

REMOVE EXISTING GUARDRAIL
 12+15 RT - 26+00 RT
 RAMP 'M' 19+50 LT - 22+45

COLD PLANING-BIT PAVEMENT
 0+00 - 47+50
 ML POC 21+45.97 =
 CHAN. POT 40+00.00

TREATED TIMBER CURB
 7+00 RT - 19+50 RT
 RAMP 'M' 20+45 LT - ML 24+00

REMOVAL OF EXIST. CURB
 RAMP 'B' 19+80 LT - ML 22+20 LT

- DRAINAGE NOTES
- 25 18+42 - 19+50 RT NEW 18'' X 158' RCP CL III
 - 26 19+50 RT NEW 18'' X 12' RCP CL III W/RCDI AT INLET AND STONE FILL PAD TYPE I AT OUTLET
 - 27 18+55 LT NEW 18'' X 6' CSP (.064) W/RCDI, CONNECT TO EXIST. DI, CAP EXIST. DI, AND PAVED GUTTER
 - 28 19+50 LT RAISE EXIST. DI
 - 29 20+25 - 21+75 LT NEW 18'' X 150' RCP CL III; W/PAVED GUTTER AND MES AT INLET
 - 30 20+77 LT - 21+30 LT REMOVE EXIST. PIPE, REMOVE DI'S
 - 31 21+30 LT ABANDON AND PLUG EXIST. PIPE

- DRAINAGE NOTES
- 32 21+46 - 21+75 LT CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
 - 33 21+75 LT NEW 18'' X 44' RCP CL III W/RCDI AT INLET AND CONCRETE HEADWALL AT OUTLET
 - 34 21+46 RT NEW 60'' X 12' CSP (.079) W/HEADWALL AT INLET; REMOVE EXIST. HEADWALL
NEW 60'' X 16' CSP (.079) W/HEADWALL AT OUTLET; REMOVE EXIST. HEADWALL
 - 34A 21+20 RT - 21+46 RT CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE II
 - 35 24+00 LT NEW 18'' X 16' RCP CL III, W/RCDI AT INLET
 - 36 23+50 - 25+00 RT CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I

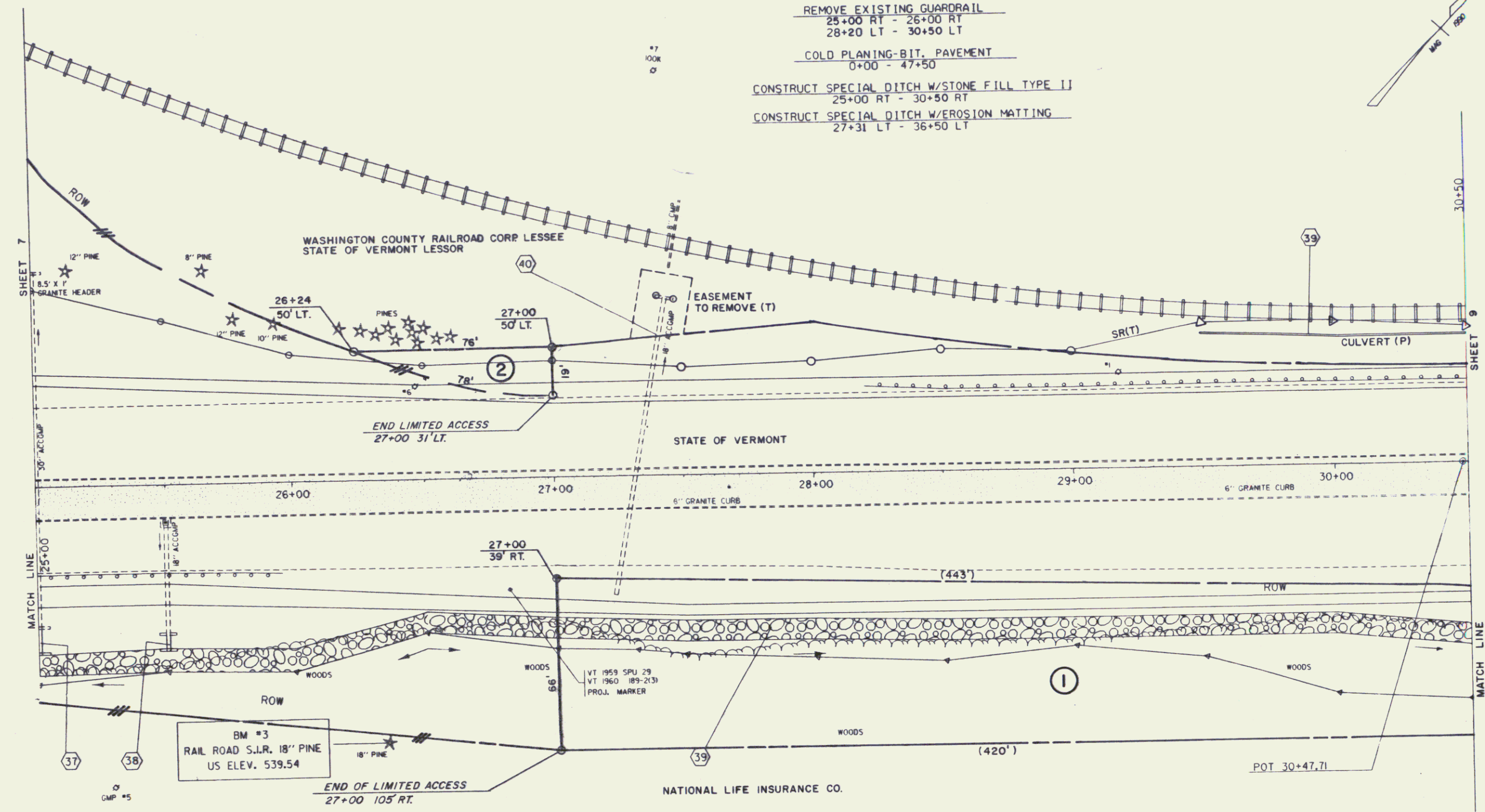
DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



SURVEYED BY Foll DATE 5-91
 DRAWN BY Squade-Jfg DATE 6-91
 SOUND LEADER D.F.Holt
 FILE /usr/zfo2/055050.dwg/89b018
 PARM FILE 89B018.4.I DATE PLOTTED 30-DEC-19
 PROJ. NAME MONTPELIER
 PROJ. NO. FECC-F 028-2(8)S
 SHEET 7 OF 15 SHEETS

FEB 05 1991

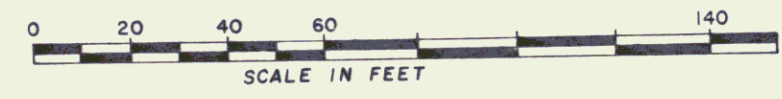
- STEEL BEAM GUARDRAIL
6+75 RT - 30+75 RT
19+50 LT (RAMP 'M' RT) - 35+50 LT
- REMOVE EXISTING GUARDRAIL
25+00 RT - 26+00 RT
28+20 LT - 30+50 LT
- COLD PLANING-BIT. PAVEMENT
0+00 - 47+50
- CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE II
25+00 RT - 30+50 RT
- CONSTRUCT SPECIAL DITCH W/EROSION MATTING
27+31 LT - 36+50 LT

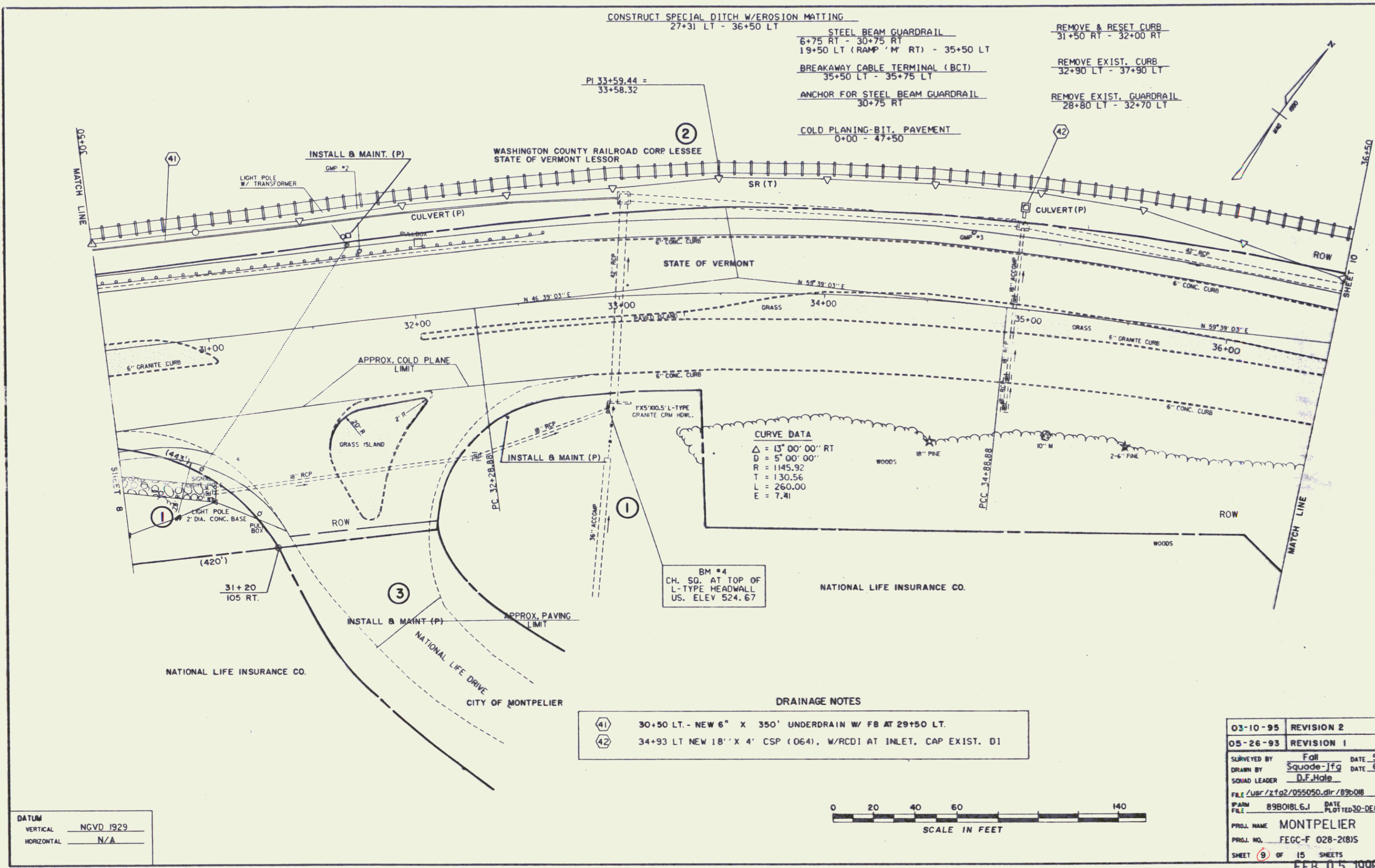


- DRAINAGE NOTES
- (37) 25+00 RT NEW 30' X 10' CSP (.079), REMOVE EXIST. HEADWALL. CONSTRUCT NEW HEADWALL
 - (38) 25+50 RT NEW 18' X 6' CSP (.064), REMOVE EXIST. HEADWALL. CONSTRUCT NEW HEADWALL
 - (39) 29+50 LT NEW 6" X 350' UNDERDRAIN W/ FB AT 29+50 LT.
 - (40) 27+31 CL ABANDON 18" PIPE. PLUG ENDS. REMOVE EXISTING HEADWALL

03-10-95	REVISION 2
05-26-93	REVISION 1
SURVEYED BY	Fall DATE 5-90
DRAWN BY	Squade-jfg DATE 6-90
SQUAD LEADER	D.F.Hale
FILE	/usr/zfg2/055050.dwg/89b018
PARM	89B018L5J DATE PLOTTED 30-DEC-1992
PROJ. NAME	MONTPELIER
PROJ. NO.	FEGC-F 028-2(8)S
SHEET	(8) OF 15 SHEETS

ICAL NGVD 1929
 ONTAL N/A





CONSTRUCT SPECIAL DITCH W/EROSION MATTING
27+31 LT - 36+50 LT

STEEL BEAM GUARDRAIL
6+75 RT - 30+75 RT
19+50 LT (RAMP 'M' RT) - 35+50 LT

REMOVE & RESET CURB
31+50 RT - 32+00 RT

BREAKAWAY CABLE TERMINAL (BCT)
35+50 LT - 35+75 LT

REMOVE EXIST. CURB
32+90 LT - 37+90 LT

ANCHOR FOR STEEL BEAM GUARDRAIL
30+75 RT

REMOVE EXIST. GUARDRAIL
28+80 LT - 32+70 LT

COLD PLANING-BIT. PAVEMENT
0+00 - 47+50

PI 33+59.44 =
33+58.32

CURVE DATA
Δ = 13° 00' 00" RT
D = 5° 00' 00"
R = 1145.92
T = 130.56
L = 260.00
E = 7.41

BM #4
CH. SQ. AT TOP OF
L-TYPE HEADWALL
US. ELEV 524.67

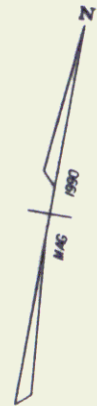
- DRAINAGE NOTES
- (41) 30+50 LT. - NEW 6" X 350' UNDERDRAIN W/ FB AT 29+50 LT.
 - (42) 34+93 LT NEW 18" X 4' CSP (064). W/RCDI AT INLET. CAP EXIST. DI

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



03-10-95	REVISION 2
05-26-93	REVISION 1
SURVEYED BY	Fall DATE 5-96
DRAWN BY	Squade-jfg DATE 6-96
SQUAD LEADER	D.F.Hole
FILE	/usr/zfg2/055050.dir/89b018
P/ARM FILE	89B018L6.J DATE PLOTTED 30-DEC-1995
PROJ. NAME	MONTPELIER
PROJ. NO.	FEGC-F 028-2(8)S
SHEET	9 OF 15 SHEETS

FEB 05 1998



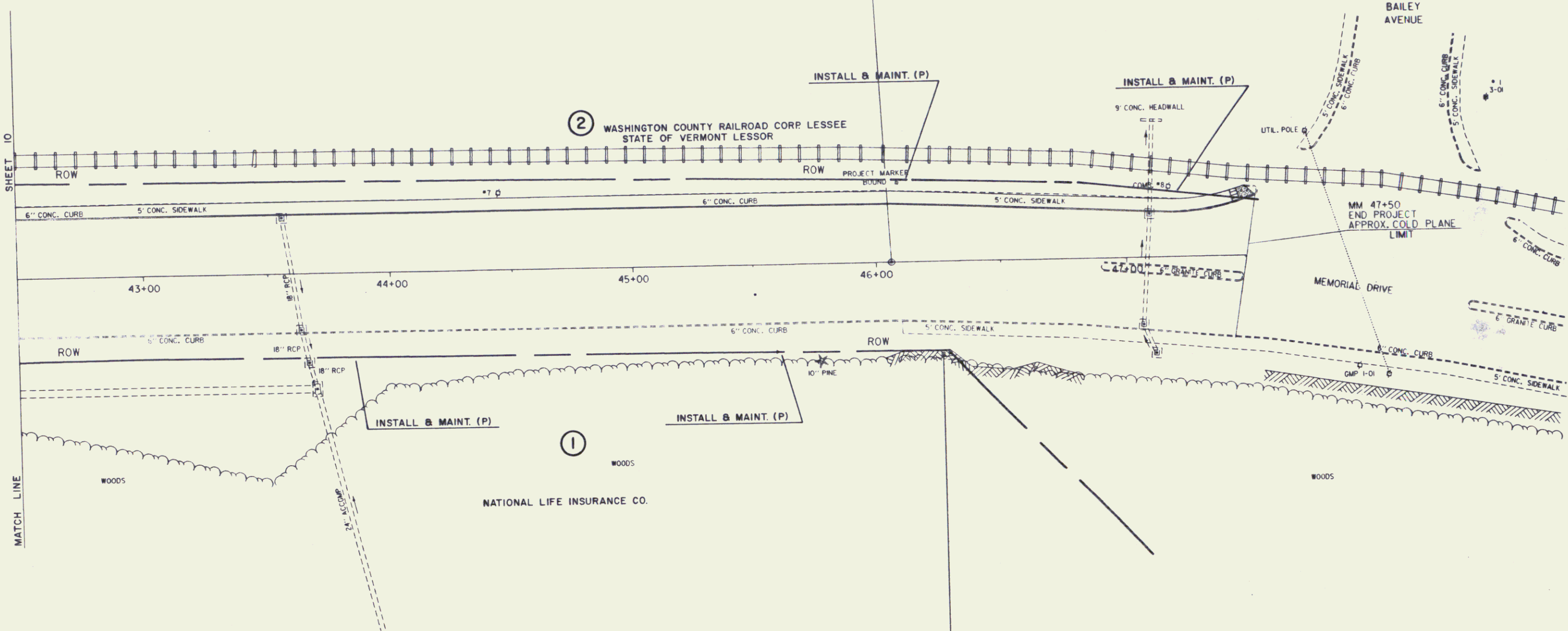
COLD PLANING-BIT, PAVEMENT
0+00 - 47+50

CAST-IN-PLACE CONCRETE CURB, TYPE B
38+57 LT - 47+50 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
38+73 LT - 47+50 LT

SIDEWALK RAMP TYPE I
47+50 LT

POT 46+06.06



INSTALL & MAINT. (P)

INSTALL & MAINT. (P)

INSTALL & MAINT. (P)

INSTALL & MAINT. (P)

② WASHINGTON COUNTY RAILROAD CORP. LESSEE
STATE OF VERMONT LESSOR

① WOODS
NATIONAL LIFE INSURANCE CO.

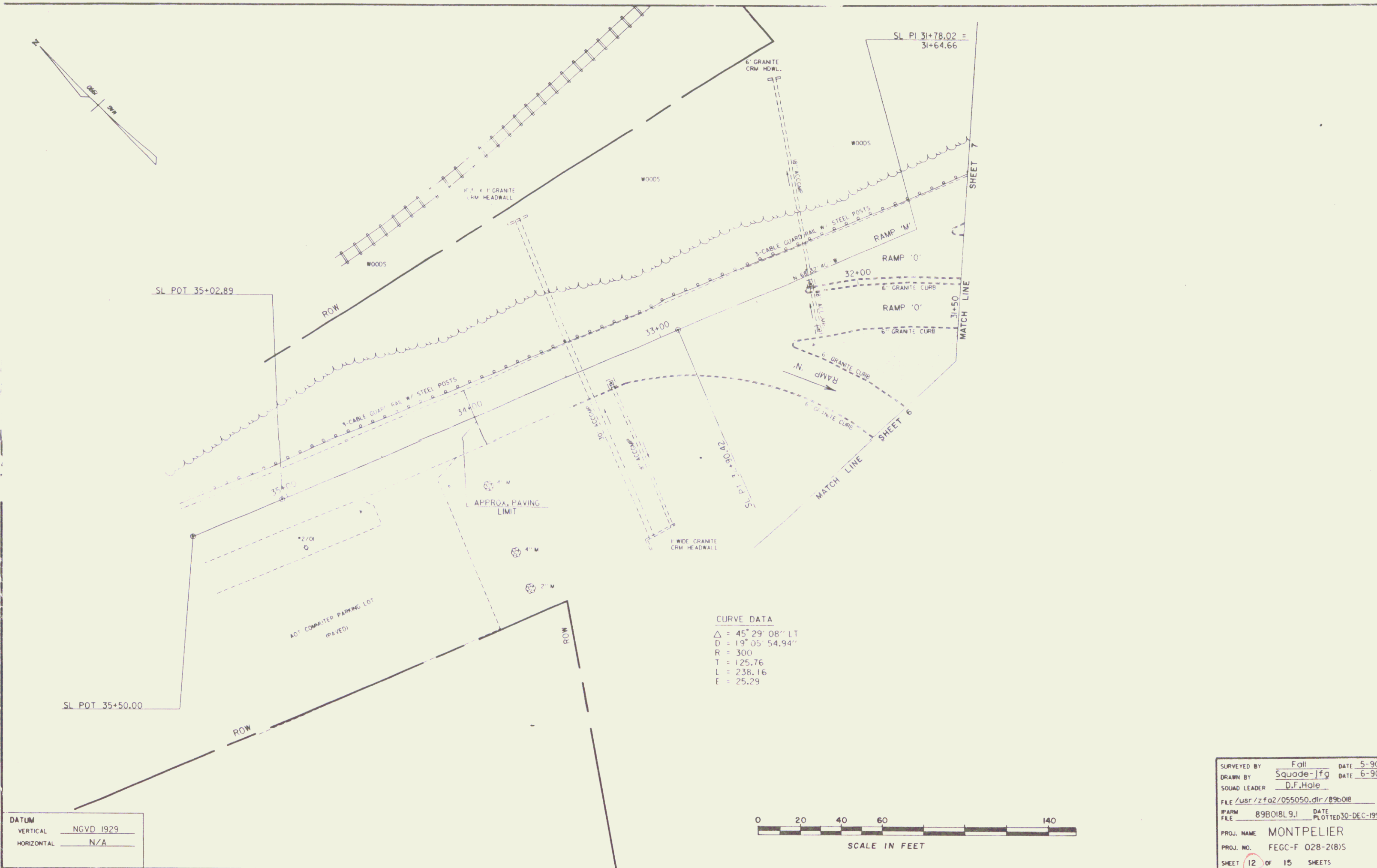
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



BM #6
CH. SQ. IN L.E.
US ELEV. 530.58

SURVEYED BY Fall DATE 5-90
DRAWN BY Squade-jfg DATE 6-90
SQUAD LEADER D.F.Hale
FILE /usr/zfg2/055050.dir/89c018
PLOT FILE 89B018L8.1 DATE PLOTTED 30-DEC-1992
PROJ. NAME MONTPELIER
PROJ. NO. FECC-F 028-218)S
SHEET 11 OF 15 SHEETS

FEB 05 1998



CURVE DATA

Δ	= 45° 29' 08" LT
D	= 19° 05' 54.94"
R	= 300
T	= 125.76
L	= 238.16
E	= 25.29



DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

SURVEYED BY	Fall	DATE	5-90
DRAWN BY	Squade-jfg	DATE	6-90
SQUAD LEADER	D.F.Hale		
FILE	/usr/zfa2/055050.dlr/89b018		
PARM	89B018L9.1	DATE	30-DEC-1992
PROJ. NAME	MONTPELIER		
PROJ. NO.	FEGC-F 028-2(B)S		
SHEET	12	OF	15 SHEETS

FEB 05 1990