

RESEARCH Drawer Set

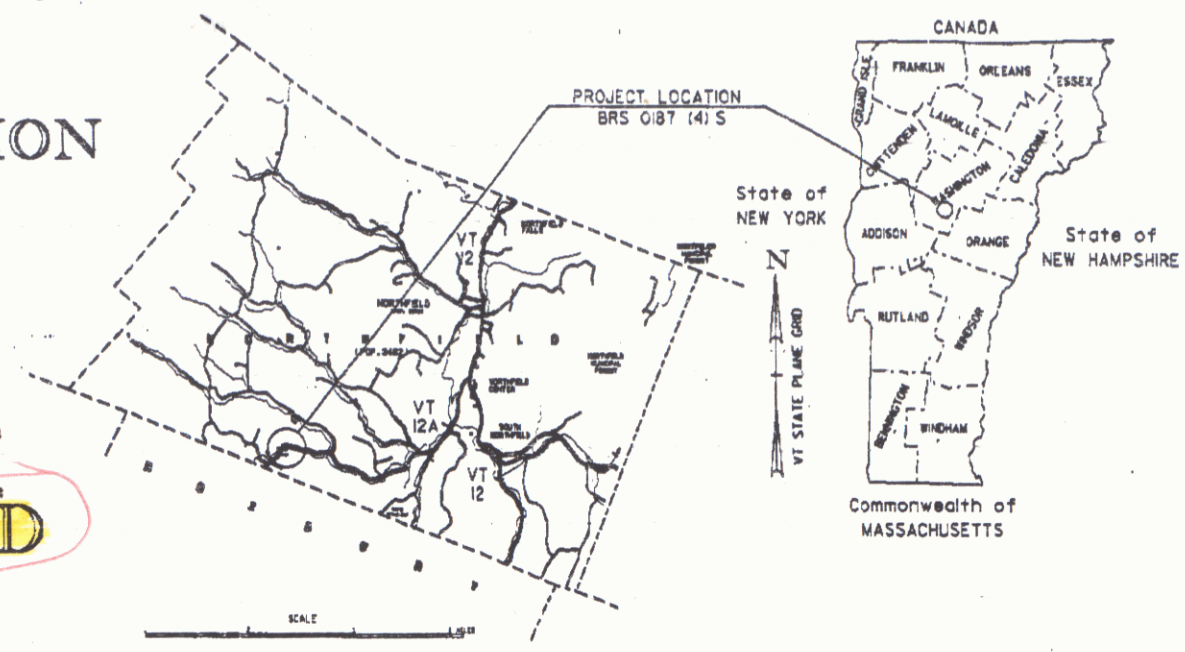
STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWN OF NORTHFIELD
COUNTY OF WASHINGTON
VT RTE 12A (FAS)

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of Northfield VT RTE #12A
(To Be Returned To R.O.W. Division)

R.O.W. PLANS



BEGINNING AT A POINT ON VT 12A IN NORTHFIELD APPROXIMATELY 0.389 MILES
NORTHEASTERLY OF THE ROXBURY-NORTHFIELD TOWN LINE AND EXTENDING NORTH-
EASTERLY FOR 0.190 MILES

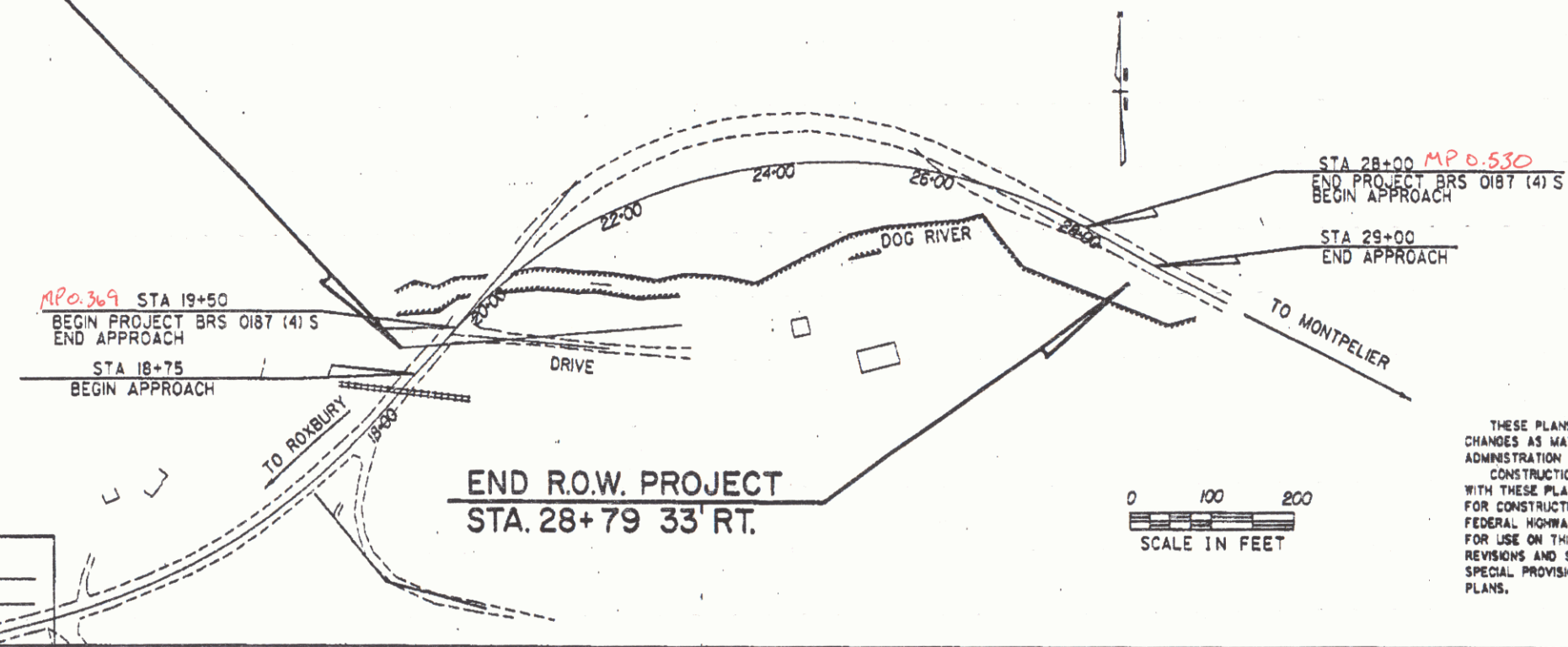
LENGTH OF ROADWAY 759.58 FEET= 0.144 MILES
LENGTH OF BRIDGE 90.42 FEET= 0.017 MILES
LENGTH OF PROJECT 850.00 FEET= 0.161 MILES
LENGTH OF R.O.W. PROJECT 989.66 FEET= 0.187 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REPLACEMENT
OF BRIDGE #30 AND RECONSTRUCTION OF HIGHWAY APPROACHES.

BEGIN R.O.W. PROJECT
REV. STA. 18+91 33' LT.

CONVENTIONAL SIGNS	
COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
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	---
TOP OF CUT	---
TOE OF SLOPE	---

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



0 100 200
SCALE IN FEET

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.

Pin # 84E043

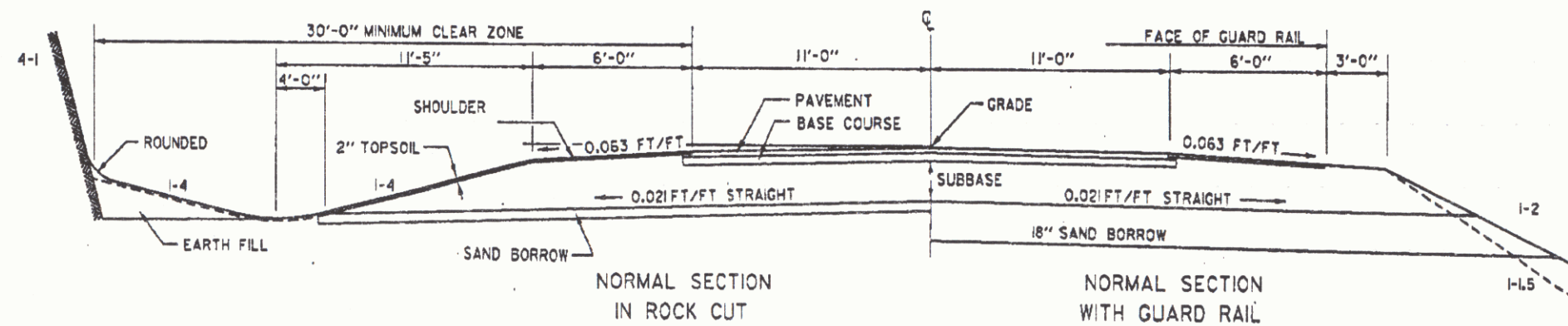
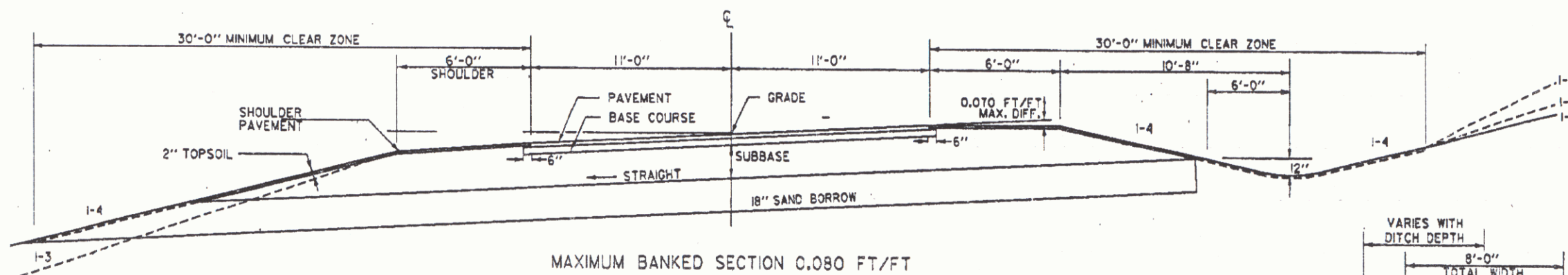
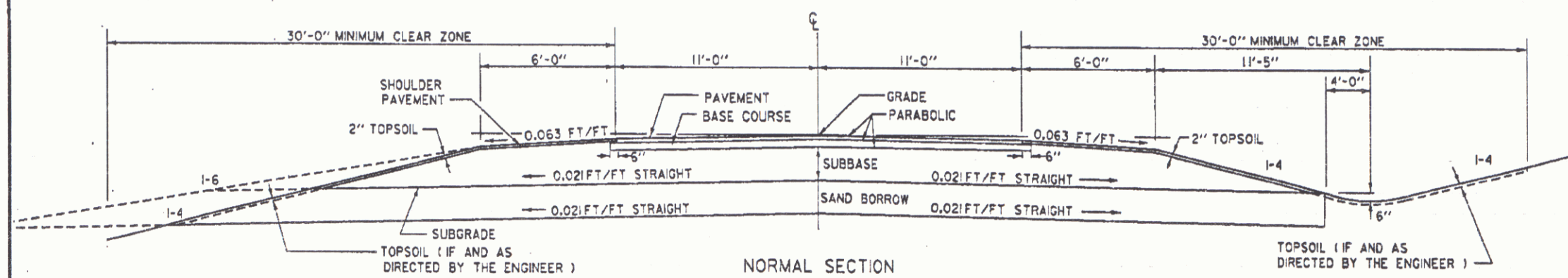
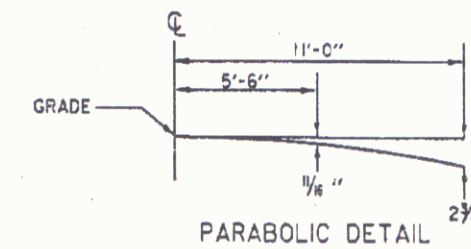
AUG 3 1994

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED <u>[Signature]</u> DATE <u>12/11/90</u>	DIRECTOR OF PLANNING & PRECONSTRUCTION
APPROVED <u>[Signature]</u> DATE <u>12/11/90</u>	
FOR CHIEF, PROPERTY ADMINISTRATION	
PROJECT <u>NORTHFIELD</u>	
PROJECT <u>BRS 0187 (4) S</u>	
SHEET <u>(1)</u> OF 7 SHEETS	

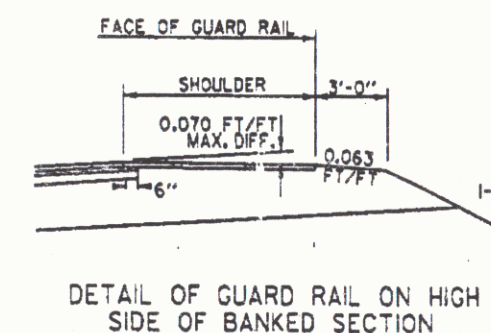
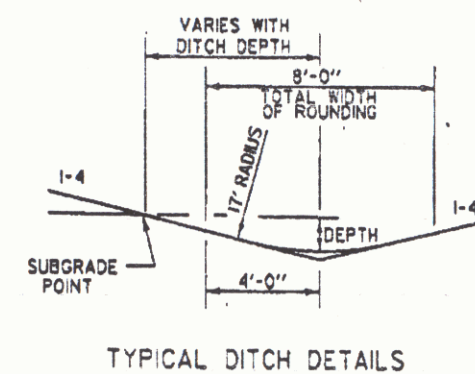
TYPICAL SECTIONS

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT	* 1/4"
SUBBASE	* 1"
SAND BORROW	* 1"

3" BITUMINOUS CONCRETE PAVEMENT (1 1/4" TYPE III OVER 1 3/4" TYPE II)
 2 1/2" BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT TYPE I (LIFT)
 18" SUBBASE OF DENSE GRADED CRUSHED STONE
 SHOULDERS: 1 1/4" BITUMINOUS CONCRETE PAVEMENT (TYPE III)
 18" SAND BORROW



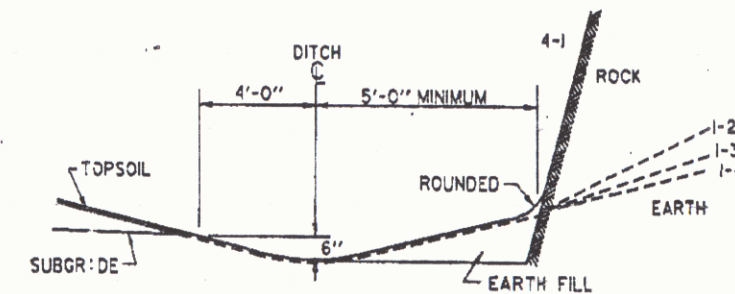
FOR SLOPES IN SOLID ROCK EXCAVATION
 AND DRILLING AND BLASTING OF SOLID
 ROCK SUBGRADE, SEE STANDARD SHEET A-60.



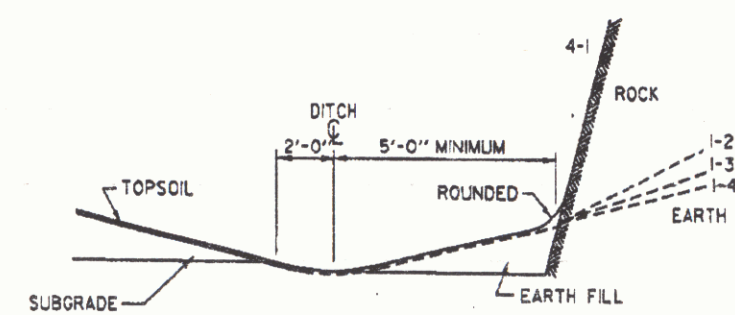
<u>SEEDING FORMULA</u>				
<u>URBAN AREAS</u>				
(TO BE USED IN LAWN AREAS)				
<u>% WT.</u>	<u>LBS./A.</u>	<u>NAME</u>	<u>PUR. %</u>	<u>GERM. %</u>
42.5	34.0	CREeping RED FESCUE	98	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
42.5	34.0	KENTUCKY BLUE GRASS	85	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.00	80.0			

<u>SEEDING FORMULA</u>				
<u>RURAL AREAS</u>				
<u>% WT.</u>	<u>LBS./A.</u>	<u>NAME</u>	<u>PUR. %</u>	<u>GERM. %</u>
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	BIRD'SFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0				

THE 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 DIRECTED BY THE ENGINEER.
 FERTILIZER- FORMULA 19-18-18 IS TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE.
 AGRICULTURAL LIMESTONE- TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.
 HAY MULCH- TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
 TOPSOIL- TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
 MARKER POSTS- TO BE PLACED AS DIRECTED BY THE ENGINEER.
 SLOPE ROUNDING- ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.
 PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN- SEE STANDARD SHEET D-2.



DETAILS OF DITCH AND BACKSLOPE FOR LOW SIDE OF BANK < 0.042 FT/FT



DETAILS OF DITCH AND BACKSLOPE FOR LOW SIDE OF BANK ≥ 0.042 FT/FT

SURVEYED BY	DATE
DRAWN BY	DATE
SQUAD LEADER	DATE
DESIGN FILE NO.	ZG0153,50284E043.DGN
PRF FILE	84E043TYI
DATE PLOTTED	
PROJ. NAME	NORTHFIELD
PROJ. NO.	BRS 0187(4)
SHEET	2 OF 7 SHEETS

AUG 3 1994

TABLE OF PROJECT PROPERTY ACQUISITION

STATE OF VERMONT
AGENCY OF TRANSPORTATION
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	BEAUDETTE, ANDREW L. BEAUDETTE, CHARLES G.	4, 6	REV. 18+91 LT. REV. 19+17 LT. REV. 23+38 LT. REV. 26+19 LT. REV. 26+51 LT.	REV. 19+30 LT. REV. 19+48 LT. REV. 25+31 LT. REV. 26+63 LT. REV. 26+62 LT.			CONST. (T) 0.01A± CHANNEL (P) 0.01A± CONST. (T) 0.02A± CONST. (T) 0.01A± SLOPE (P) 0.01A±	WDOE	02-04-82	NORTHFIELD	88	81-83	408 S.F.± 276 S.F.± 970 S.F.± 357 S.F.± 18 S.F.±	1	3, 4	PARCEL NO. 2 O'CONNELL. CHANGE AREA ON FIRST CHANNEL RIGHT FROM 326 S.F.± TO 515 S.F.±. CHANGE THE BEGINNING STA. OF THE SECOND CHANNEL RIGHT FROM REV. 21+03 RT. TO REV. 20+92 RT. CHANGE THE AREA OF THE SECOND CHANNEL RIGHT FROM 784 S.F.± TO 1000 S.F.±. PER C.O. 8101.	07-17-91	C.C.P.	F.J.M.
2	O'CONNELL, WILLIAM J. & AIDA D.	4, 6	REV. 19+22 RT. REV. 19+80 RT. REV. 19+80 RT. REV. 20+02 RT. REV. 20+92 RT. REV. 21+71 RT. REV. 21+83 RT. REV. 23+51 RT. REV. 26+02 RT. REV. 28+36 RT. REV. DRIVE 52+49.92 CL.	REV. 27+86 RT. REV. 22+00 RT. REV. 20+38 RT. REV. 21+71 RT. REV. 27+88 RT. REV. 28+79 RT. 28+50 RT.	0.54A±		DRIVE (T) EASE (T) 0.19A± CHANNEL (P) 0.01A± CHANNEL (P) 0.02A± SLOPE (T) 0.27A± CONST. (T) 0.14A± CUL., DIT. & DR. (P) CUL., DIT. & DR. (P) SLOPE (T) 0.01A± CULVERT (T)	WD	08-04-82	NORTHFIELD	88	284-288	14' GRAVEL M.P. 0370 TO CONSTRUCT DETOUR 515 S.F.± 1000 S.F.± 16 S.F.±	2	3, 4	PARCEL NO. 2 O'CONNELL. ADD CULVERT (T) AT REV DRIVE STA. 52+49.92 CL. ADD BOULDER CLUSTER AND NOTES TO LAYOUT. PER C.O. 8116. <i>MYLAAS TO DESIGN 7-23-92</i>	10-03-91	C.C.P.	J.D.P.
3	BARNES, HOWARD & RUTH	6	REV. 26+53 LT. REV. 26+63 LT.	26+35 LT. 28+50 LT.			SLOPE (P) 0.09A± CONST. (T) 0.05A±	WDOE	10-23-91	NORTHFIELD	87	32-33	3900 S.F.± 2000 S.F.±						
4	WASHINGTON ELECTRIC CO-OP												UTILITY						
5	NORTHFIELD TELEPHONE COMPANY												UTILITY						

AUG 3 1994

03-8068 1805 84E043	DR. (T)- DRAINAGE RIGHT DIT. (T)- DITCHING RIGHT CH. (T)- CHANNEL RT. DRIVE (T)- DRIVE RIGHT CUL. (T)- CULVERT RIGHT W- WATER SOURCES	PRESENT R.O.W. TAKING WITHOUT ACCESS TAKING WITHOUT ACCESS ALONG PROPERTY LINE TAKING WITH ACCESS PERMANENT EASEMENT TEMPORARY EASEMENT	LEGEND --- CONST. (T) --- SR SR P L A A A O O O	CONSTRUCTION EASEMENT SLOPE RIGHTS PROPERTY LINE TOP OF CUT TOP OF SLOPE	APPROVED: LAWRENCE B. ISSA, L.S. DATE: 12-10-92 AGENT O, PLANS & TITLES	R.O.W. PLANS NORTHFIELD BRS 0187(4) SHEET 3 OF 7
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRANDS CHECKED		
	NAVY BOOK		
	NO. 14 HOLLER		
STRUCTURAL INSURANCE CO.			

18+78 Begin Approach

19+50 End Approach Begin Project BRS 0187(4)

Subbase Depth 18"

Max. 17+80.02 Stop Roadway Begin Bridge

R 133

20+77.44 End Bridge Resume Roadway

existing road profile

Subbase Transition

242000

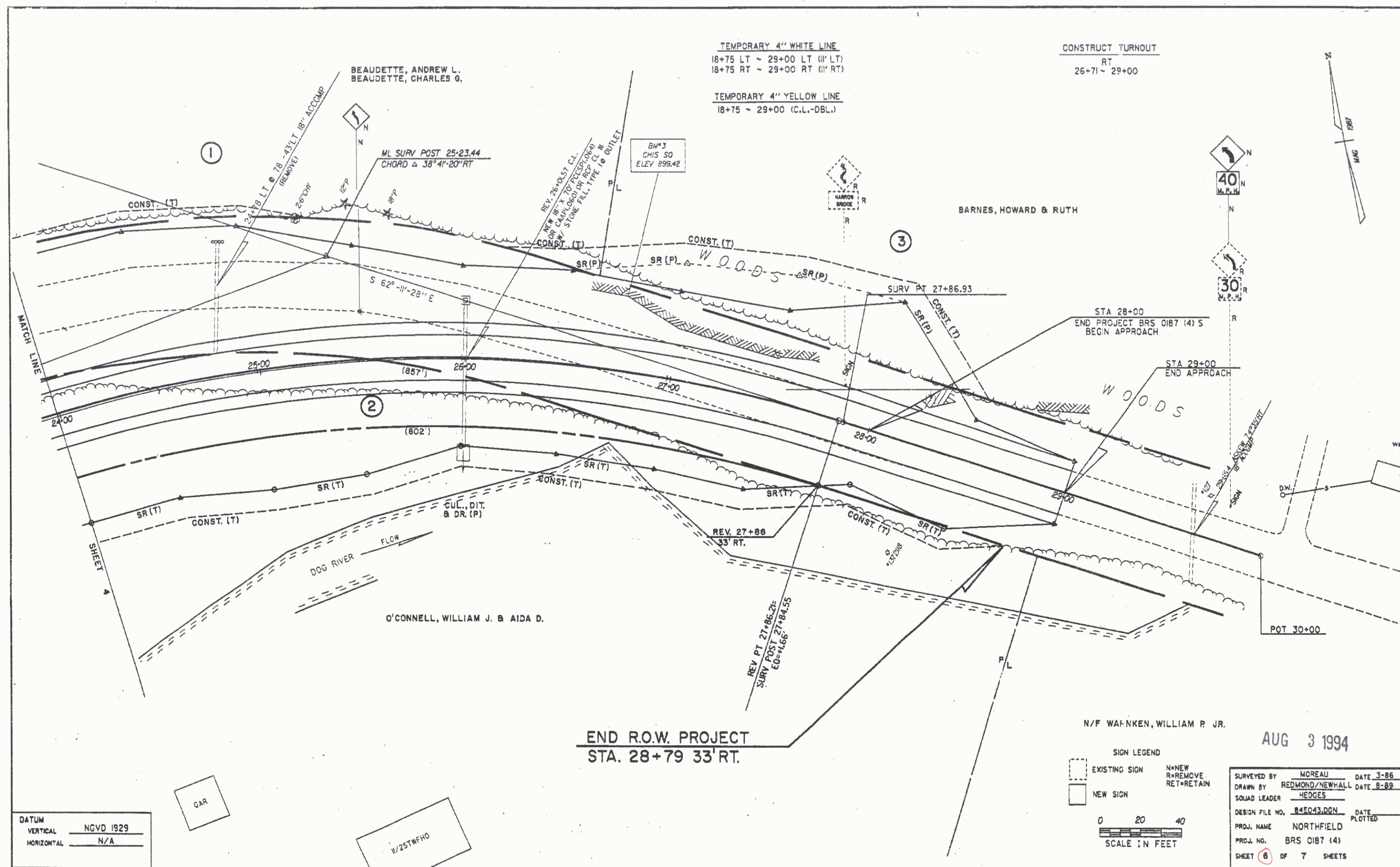
1 inch = 20 feet

SURVEYED BY Moreau DATE 2/13/66
 DRAWN BY Menard DATE 2/18/66
 TRACED BY DATE
 NORTHFIELD
 PROJ. BRS NO 0187(4)
 SHEET 5 OF 7

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

AUG 3 1994

5

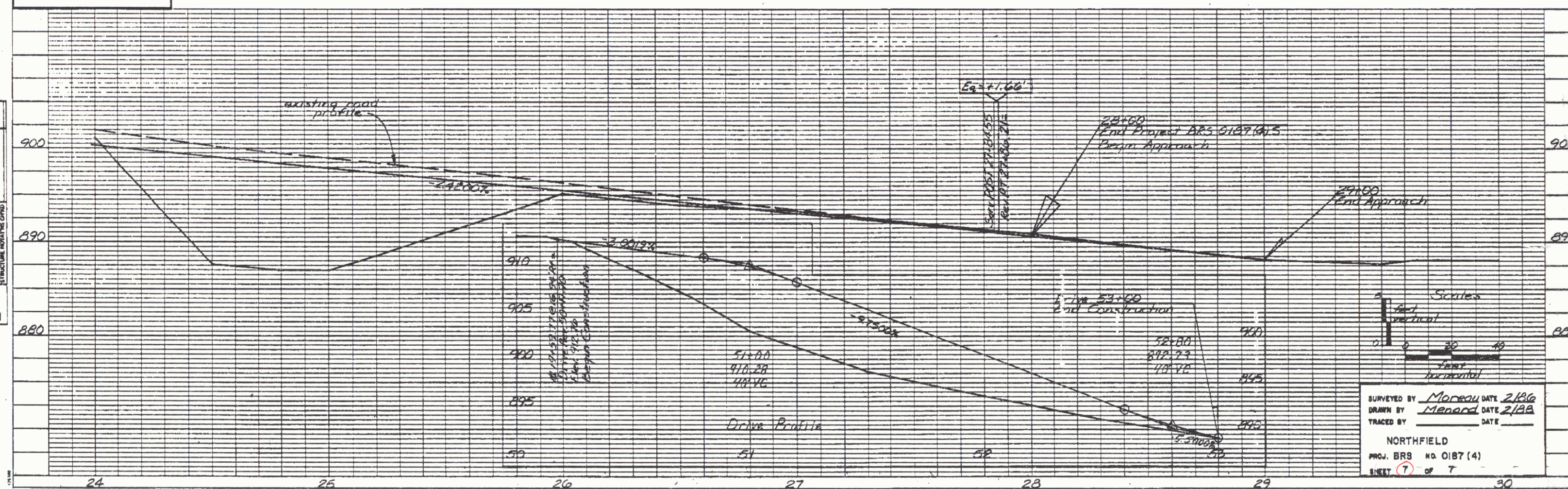


PLAN	DATE	BY
	DATE	BY
PROFILE	DATE	BY
	DATE	BY

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

AUG 3 1994

PROFILE	DATE	BY
	DATE	BY
PLAN	DATE	BY
	DATE	BY



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