

RESEARCH Drawer Set

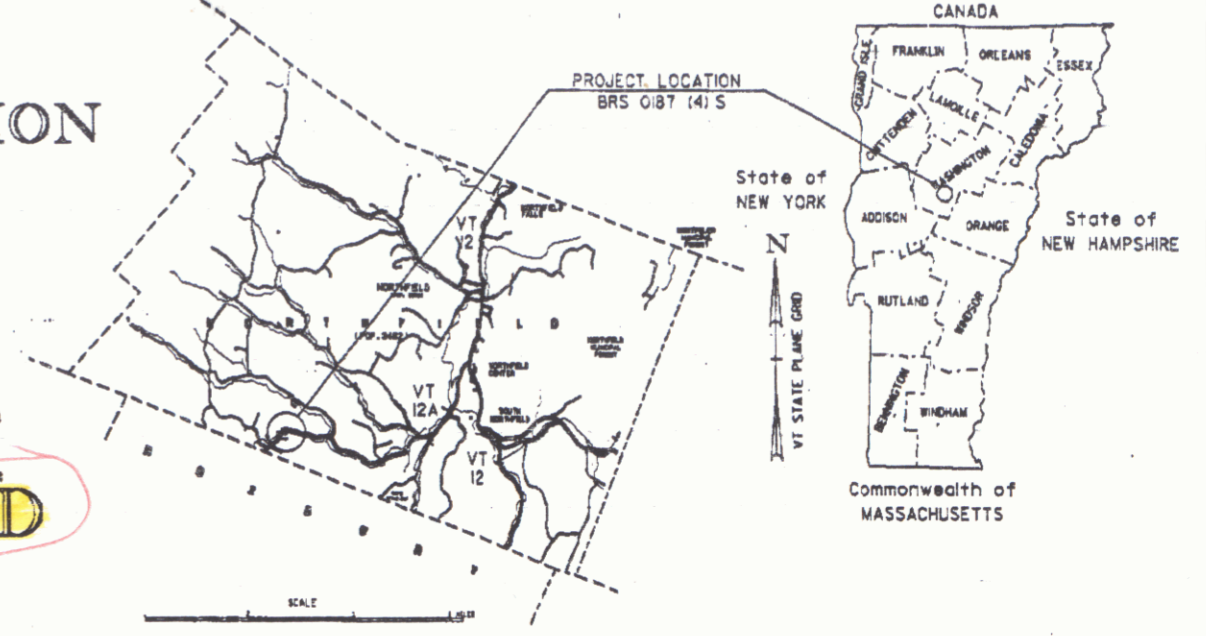
STATE OF VERMONT
AGENCY OF TRANSPORTATION



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

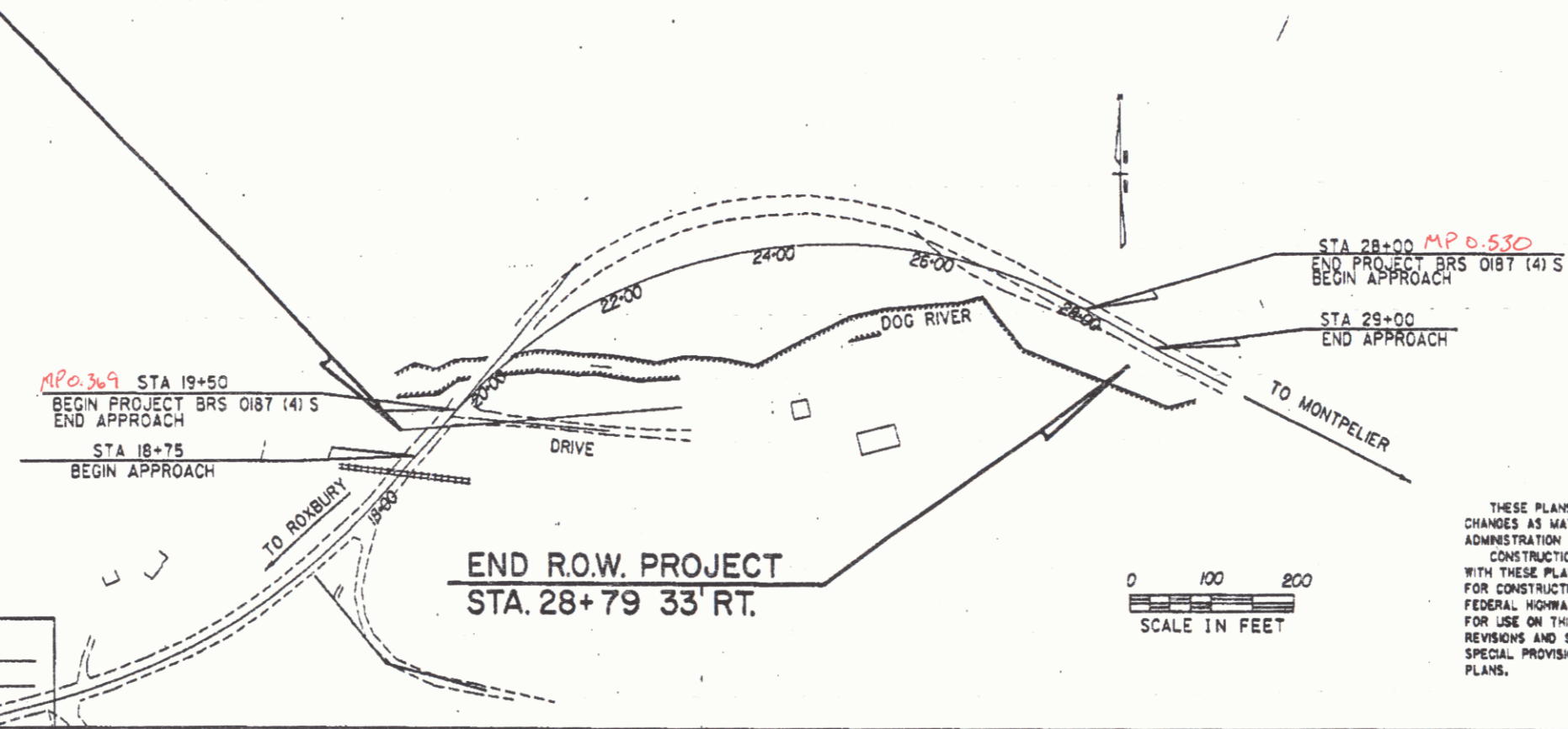
LENGTH OF ROADWAY 759.58 FEET = 0.144 MILES
LENGTH OF BRIDGE 90.42 FEET = 0.017 MILES
LENGTH OF PROJECT 850.00 FEET = 0.161 MILES
LENGTH OF R.O.W. PROJECT 989.66 FEET = 0.187 MILES

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	SR
TOP OF CUT	△
TOE OF SLOPE	○

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A



Pin # 84E043

AUG 3 1994

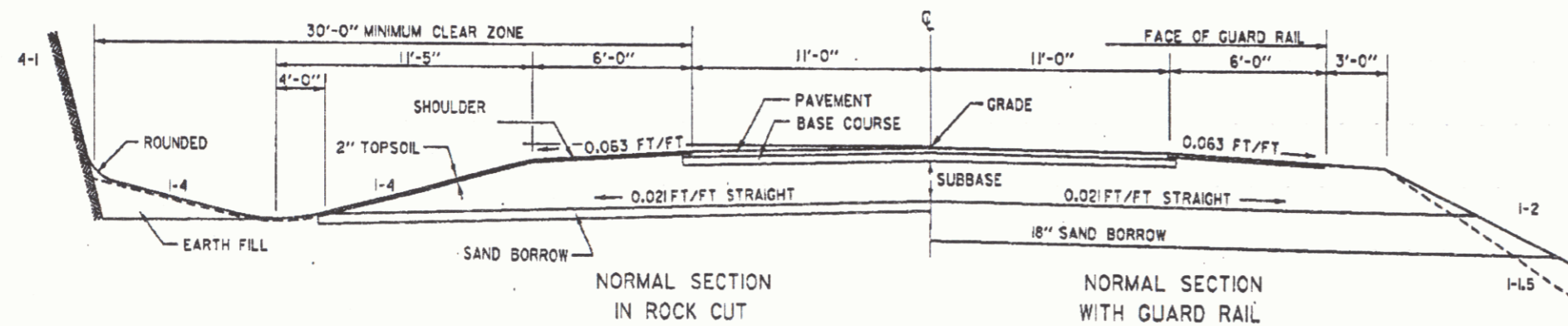
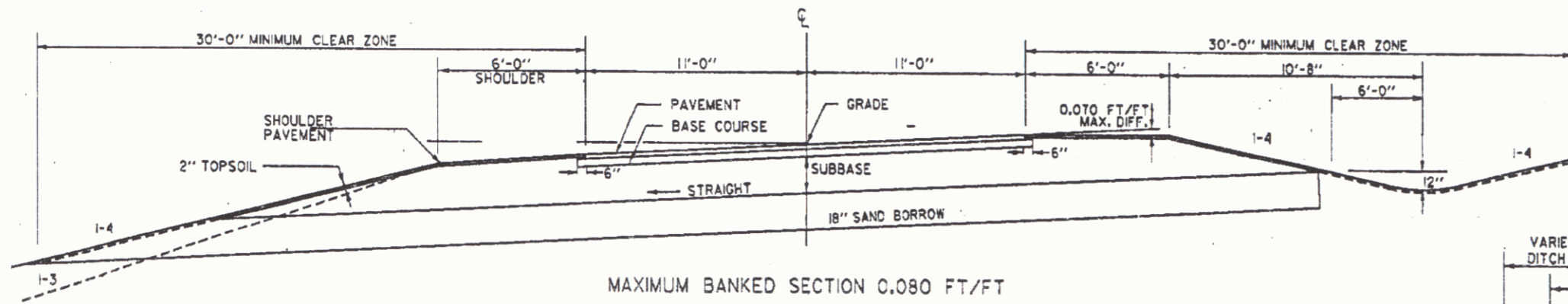
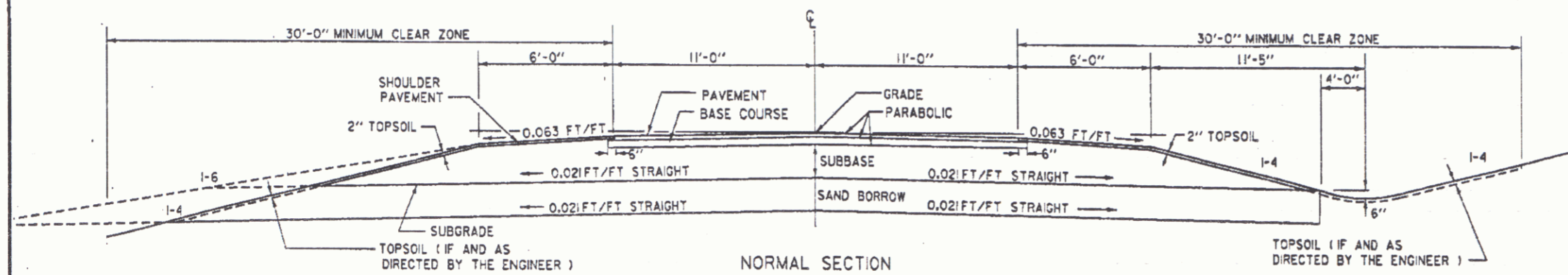
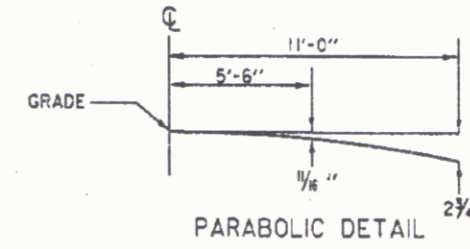
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY
ADMINISTRATION OR THE CHIEF ENGINEER.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS
FOR CONSTRUCTION DATED 1990 AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION 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.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED <i>[Signature]</i> DATE <i>[Date]</i>	DIRECTOR OF PLANNING & PRECONSTRUCTION
APPROVED <i>[Signature]</i> DATE <i>[Date]</i>	Traffic Chief, Property Administration
PROJECT NORTHFIELD	
PROJECT BRS 0187 (4)	
SHEET (1) OF 7 SHEETS	

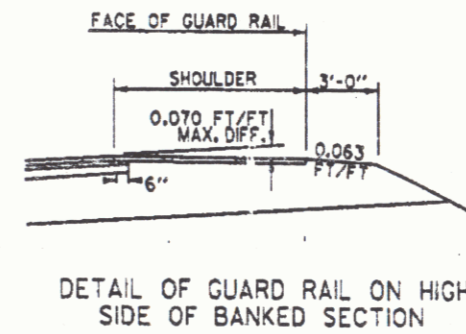
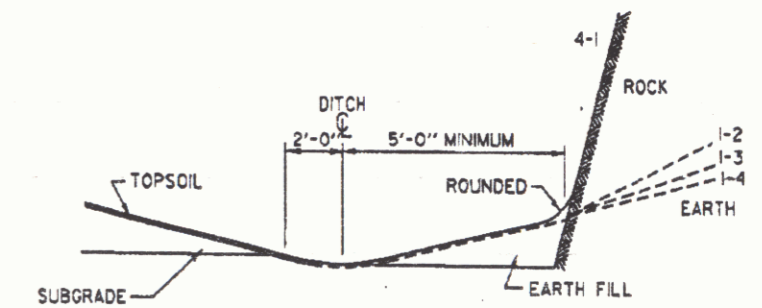
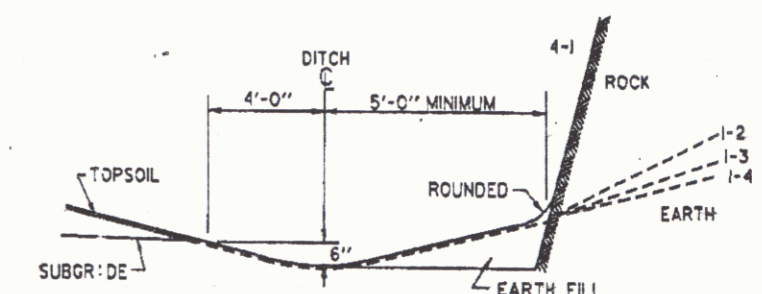
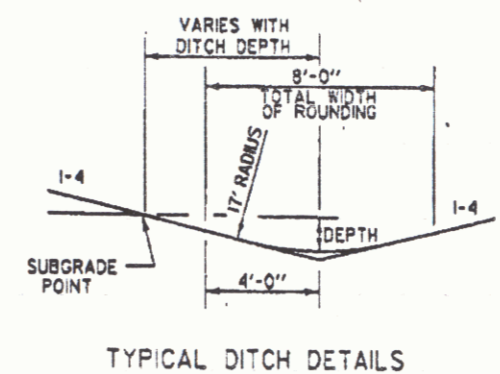
TYPICAL SECTIONS

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.



SEEDING FORMULA URBAN AREAS (TO BE USED IN LAWN AREAS)

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

SEEDING FORMULA RURAL AREAS

% 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	BIRDFOOT TREFOL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

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 19-19-19 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.

SURVEYED BY	DATE
DRAWN BY	DATE
SQUAD LEADER	
DESIGN FILE NO.	
PRF FILE	DATE PLOTTED
PROJ. NAME	
PROJ. NO.	
SHEET	OF SHEETS

AUG 3 1994

1276,1076

TABLE OF PROJECT PROPERTY ACQUISITION

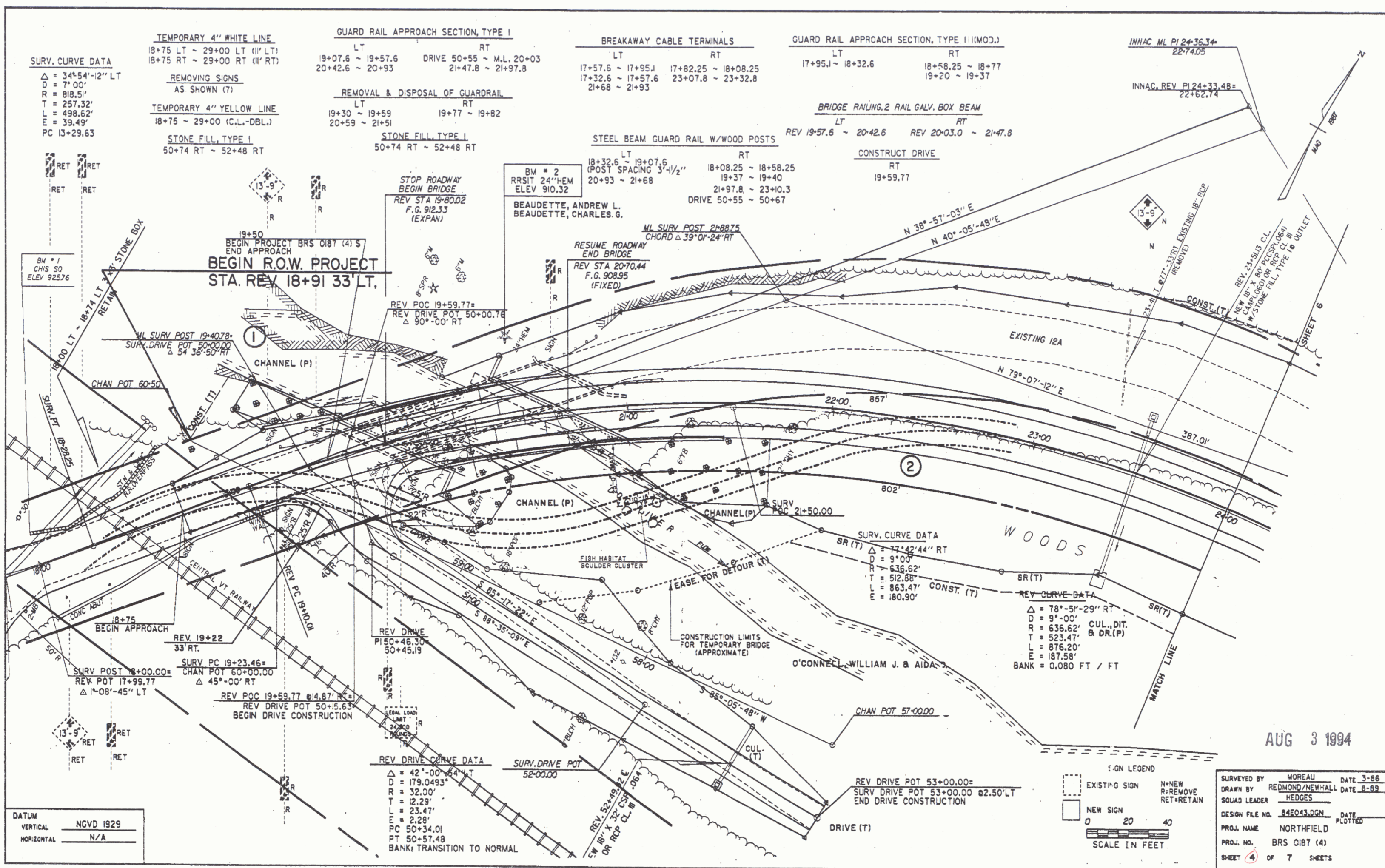
STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

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+85 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+68 RT. REV. 29+78 RT. REV. 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+83 LT. REV. 26+83 LT.	28+35 LT. 28+50 LT.			SLOPE (P) 0.09A± CONST. (T) 0.05A±	WDOE	10-23-81	NORTHFIELD	87	82-83	3900 S.F.± 2000 S.F.±						
4	WASHINGTON ELECTRIC CO-OP												UTILITY						
5	NORTHFIELD TELEPHONE COMPANY												UTILITY						

AUG 3 1994

<p>03-8068 1806 84E043</p> <p>ACCT. PHILBROOK ZF(170)3384E043G.00N PRY 84E043D DATE PLOTTED 17-JUL-89</p>	<p>DR. (T)- DRAINAGE RIGHT DIT. (T)- DITCHING RIGHT CH. (T)- CHANNEL RT. DRIVE (T)- DRIVE RIGHT CUL. (T)- CULVERT RIGHT W- WATER SOURCES</p>	<p>PRESENT R.O.W. TAKING WITHOUT ACCESS TAKING WITHOUT ACCESS ALONG PROPERTY LINE TAKING WITH ACCESS PERMANENT EASEMENT TEMPORARY EASEMENT</p>	<p>LEGEND</p> <p>--- CONST. (T) --- SR SR P L △ △ △ ○ ○ ○</p> <p>CONSTRUCTION EASEMENT SLOPE RIGHTS PROPERTY LINE TOP OF CUT TDE OF SLOPE</p>	<p>R. O. W. PLANS</p> <p>NORTHFIELD BRS 0187(4) SHEET 3 OF 7</p>
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APPROVED: LAWRENCE B. ISSA, L.S. DATE: 12-10-90
AGENT D, PLANS & TITLES



SURV. CURVE DATA
 $\Delta = 34^{\circ}54'12''$ LT
 $D = 7^{\circ}00'$
 $R = 818.5'$
 $T = 257.32'$
 $L = 498.62'$
 $E = 39.49'$
 $PC 13+29.63$

TEMPORARY 4" WHITE LINE
 18+75 LT ~ 29+00 LT (1" LT)
 18+75 RT ~ 29+00 RT (1" RT)

REMOVING SIGNS
 AS SHOWN (7)

TEMPORARY 4" YELLOW LINE
 18+75 ~ 29+00 (C.L.-DBL.)

STONE FILL, TYPE 1
 50+74 RT ~ 52+48 RT

GUARD RAIL APPROACH SECTION, TYPE I

LT	RT
19+07.6 ~ 19+57.6	DRIVE 50+55 ~ M.L. 20+03
20+42.6 ~ 20+93	21+47.8 ~ 21+97.8

REMOVAL & DISPOSAL OF GUARDRAIL

LT	RT
19+30 ~ 19+59	19+77 ~ 19+82
20+59 ~ 21+51	

STONE FILL, TYPE 1
 50+74 RT ~ 52+48 RT

BREAKAWAY CABLE TERMINALS

LT	RT
17+57.6 ~ 17+95.1	17+82.25 ~ 18+08.25
17+32.6 ~ 17+57.6	23+07.8 ~ 23+32.8
21+68 ~ 21+93	

GUARD RAIL APPROACH SECTION, TYPE III(MOD.)

LT	RT
17+95.1 ~ 18+32.6	18+58.25 ~ 18+77
	19+20 ~ 19+37

BRIDGE RAILING, 2 RAIL GALV. BOX BEAM

LT	RT
REV 19+57.6 ~ 20+42.6	REV 20+03.0 ~ 21+47.8

STEEL BEAM GUARD RAIL W/ WOOD POSTS

LT	RT
18+32.6 ~ 19+07.6	18+08.25 ~ 18+58.25
(POST SPACING 3'-1/2")	19+37 ~ 19+40
20+93 ~ 21+68	21+97.8 ~ 23+10.3
	DRIVE 50+55 ~ 50+67

CONSTRUCT DRIVE
 19+59.77

DATUM
 VERTICAL: NGVD 1929
 HORIZONTAL: N/A

REV DRIVE CURVE DATA
 $\Delta = 42^{\circ}00'44''$ LT
 $D = 179.0493'$
 $R = 32.00'$
 $T = 12.29'$
 $L = 23.47'$
 $E = 2.28'$
 $PC 50+34.01$
 $PT 50+57.48$
 BANK: TRANSITION TO NORMAL

SURV. CURVE DATA
 SR (T) $\Delta = 37^{\circ}42'44''$ RT
 $D = 9^{\circ}00'$
 $R = 636.62'$
 $T = 512.88'$
 $L = 863.47'$
 $E = 180.90'$

REV CURVE DATA
 $\Delta = 78^{\circ}51'29''$ RT
 $D = 9^{\circ}00'$
 $R = 636.62'$
 $T = 523.47'$
 $L = 876.20'$
 $E = 187.58'$
 BANK = 0.080 FT / FT

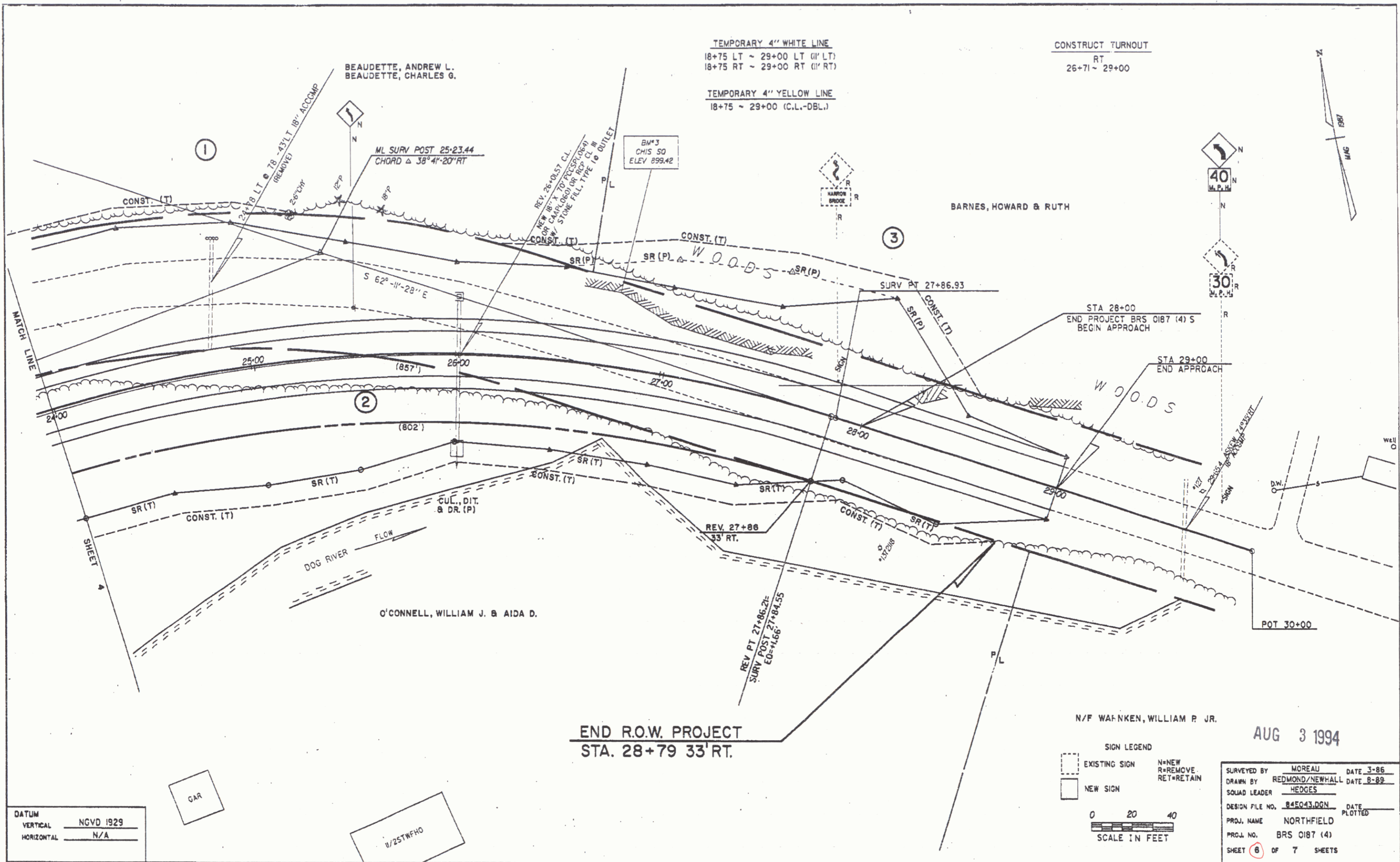
LEGEND
 EXISTING SIGN
 NEW SIGN
 N=NEW
 R=REMOVE
 RET=RETAIN

SCALE IN FEET
 0 20 40

PROJECT INFORMATION
 SURVEYED BY: MOREAU DATE: 3-86
 DRAWN BY: REDMOND/NEWMALL DATE: 8-89
 SQUAD LEADER: HEDGES
 DESIGN FILE NO.: 84E043.DGN DATE PLOTTED:
 PROJ. NAME: NORTHFIELD
 PROJ. NO.: BRS 0187 (4)
 SHEET 4 OF 7 SHEETS

AUG 3 1994

4

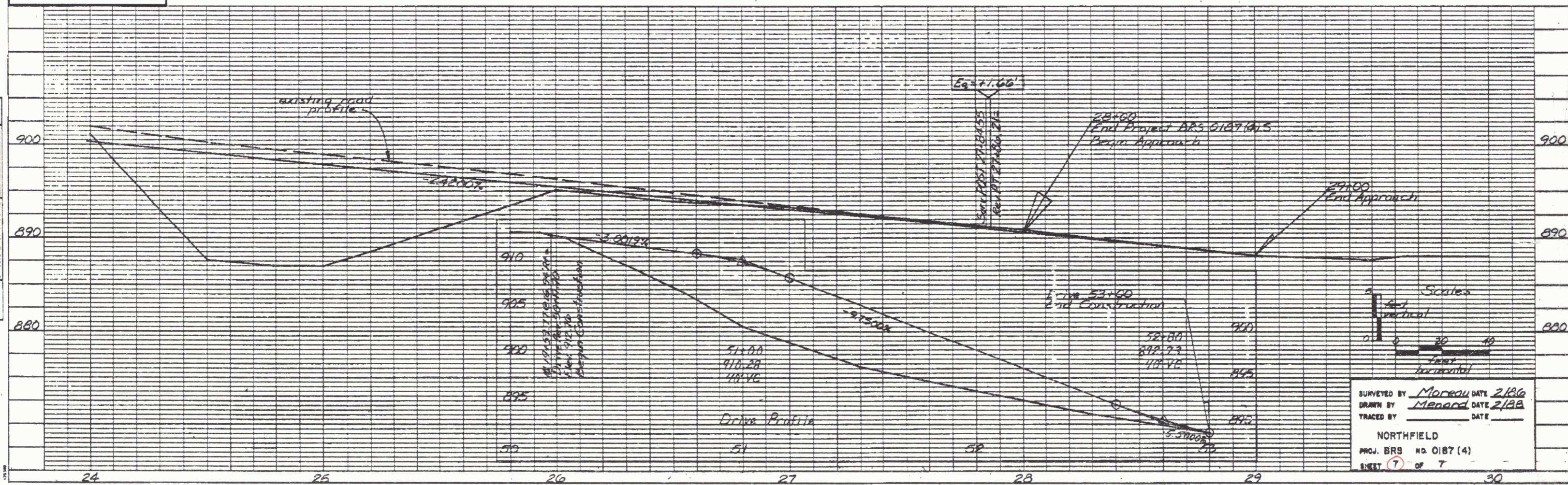


DATE	
BY	
PLANNED	
PRINTED	
CHECKED	
DATE OF NEXT CHECKED	
PLAN	
DATE	
BY	

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A

AUG 3 1994

DATE	
BY	
PLANNED	
PRINTED	
CHECKED	
DATE OF NEXT CHECKED	
PROFILE	
DATE	
BY	



Scale
 1" = 10'
 Vertical
 1" = 10'
 Horizontal

SURVEYED BY Morady DATE 2/86
 DRAWN BY Menard DATE 2/88
 TRACED BY _____ DATE _____

NORTHFIELD
 PROJ. BRS NO 0187 (4)
 SHEET 7 of 7

PLATE 1 BRIDGE PLAN - PROFILE
 CHARLES BRIDGING CO.

7