

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



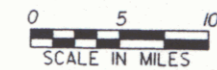
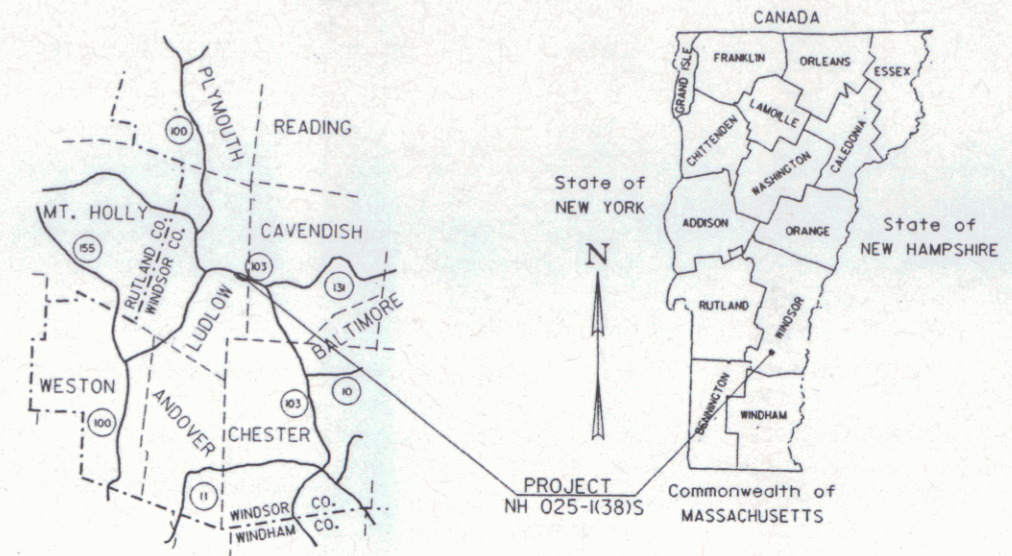
PROPOSED IMPROVEMENT  
**TOWN OF LUDLOW**  
COUNTY OF WINDSOR  
**VT. ROUTE 103 (N.H.S.)**  
PRINCIPAL ARTERIAL

BEGINNING AT A POINT ON VT. ROUTE 103, IN THE TOWN OF LUDLOW, 0.705 MILES NORTHWEST OF THE CAVENDISH-LUDLOW TOWN LINE AND EXTENDING NORTHWESTERLY 0.174 MILES.

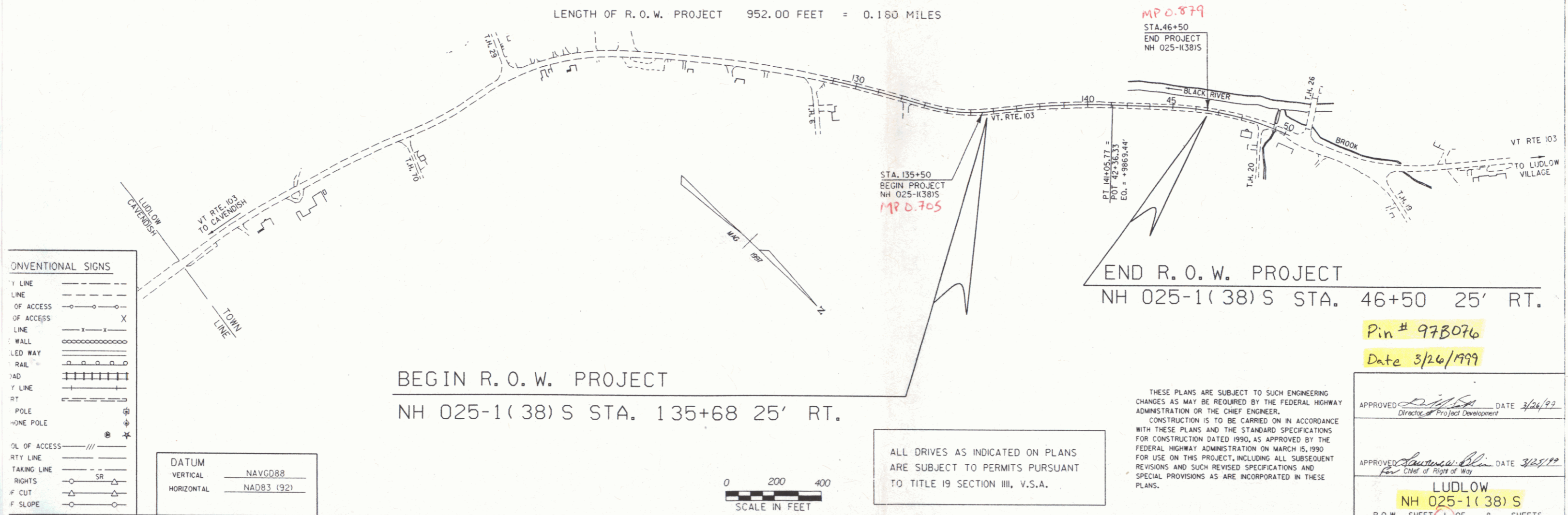
LENGTH OF ROADWAY 919.44 FEET = 0.174 MILES  
LENGTH OF PROJECT 919.44 FEET = 0.174 MILES

PROJECT CONSISTS OF REMOVAL OF EXISTING LEDGE ON RIGHT SIDE, NORTHBOUND LANE, COLD PLANING, AND NEW BITUMINOUS CONCRETE PAVEMENT.

LENGTH OF R. O. W. PROJECT 952.00 FEET = 0.180 MILES



R.O.W. PLANS



CONVENTIONAL SIGNS

TY LINE	---
LINE	---
LINE OF ACCESS	---X---
LINE OF ACCESS	---X---
WALL	=====
LED WAY	-----
RAIL	-----
RAIL	-----
TY LINE	---
TY LINE	---
POLE	⊕
HOME POLE	⊕
OL OF ACCESS	---
RTY LINE	---
TAKING LINE	---
RIGHTS	SR
F CUT	---
F SLOPE	---

DATUM

VERTICAL	NAVD88
HORIZONTAL	NAD83 (92)



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

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.

APPROVED *[Signature]* DATE 3/26/99  
Director of Project Development

APPROVED *[Signature]* DATE 3/25/99  
Chief of Right of Way

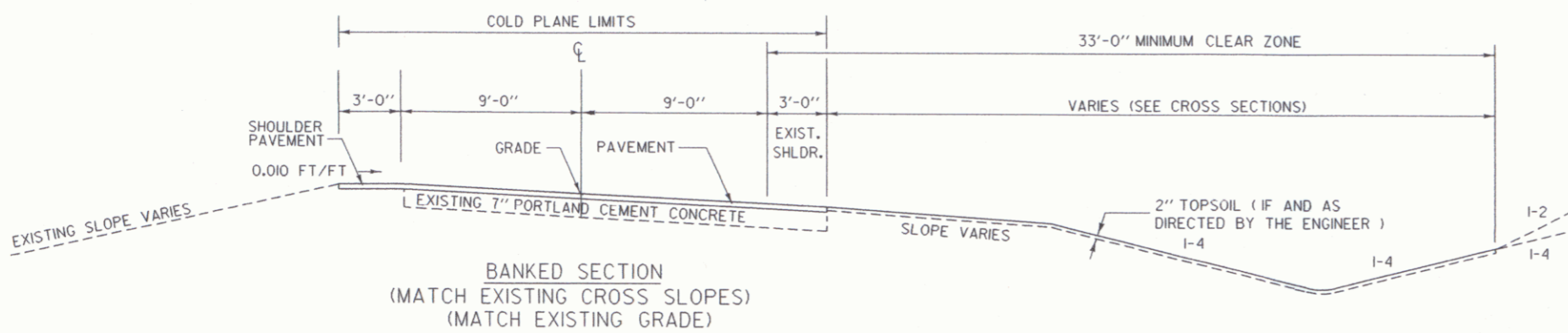
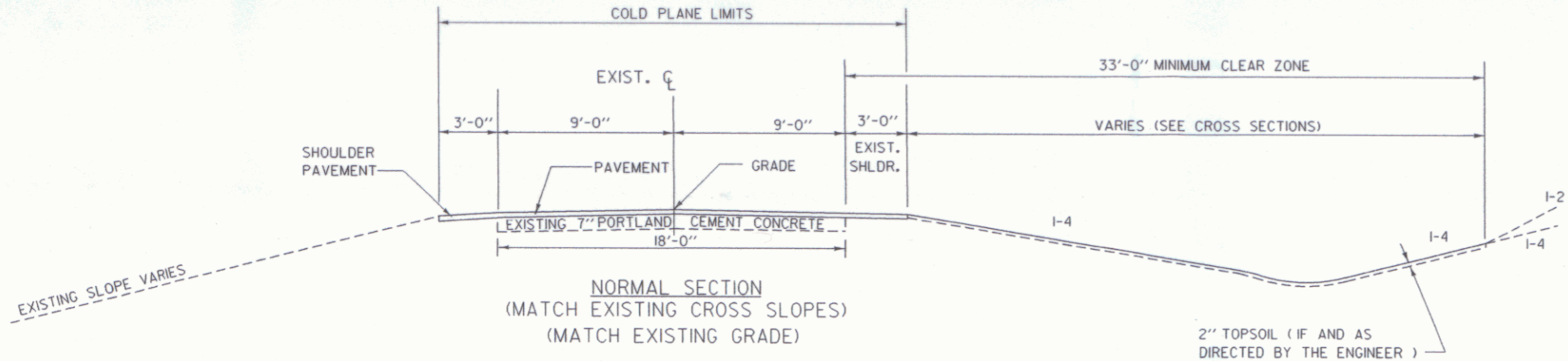
LUDLOW  
NH 025-1(38) S  
R.O.W. SHEET 1 OF 8 SHEETS

Pin # 97B076  
Date 3/26/1999

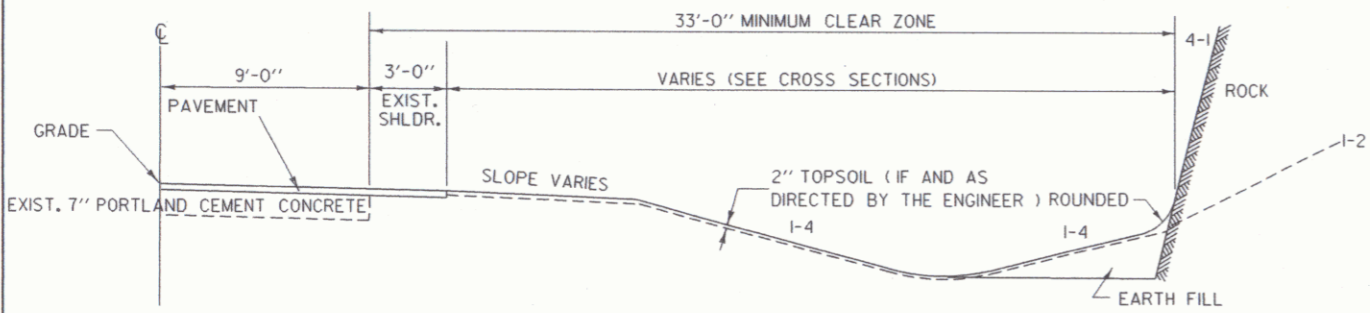
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT	* 1/4"

## TYPICAL SECTIONS

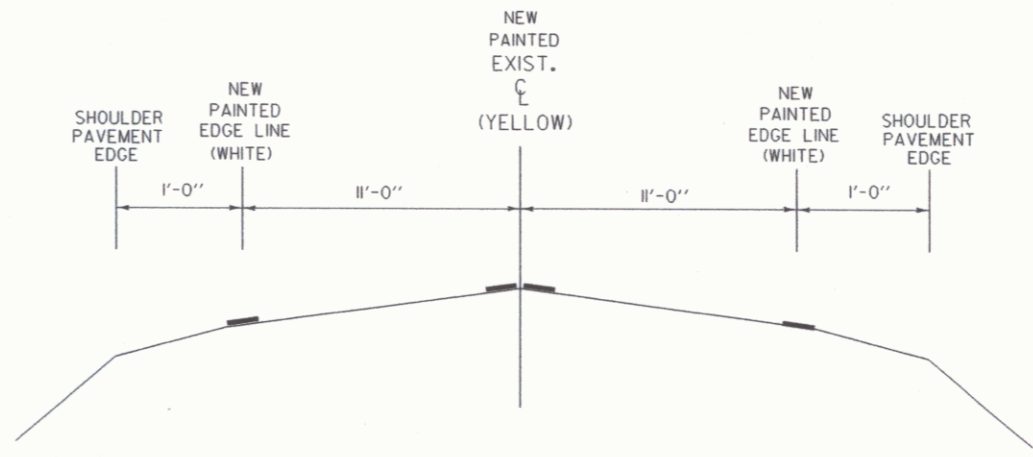
1/2" BITUMINOUS CONCRETE PAVEMENT, TYPE III - PG 64-28 (TRAVEL LANES AND SHOULDERS)  
COLD PLANE 1/2" (EXISTING TRAVEL LANES AND SHOULDERS)



\* IN BANKED SECTIONS THE EXISTING PORTLAND CEMENT CONCRETE SLAB IS 2' RATHER THAN THE 18' WIDTH FOR THE NORMAL SECTION, PER RECORD PLANS



FOR SLOPES IN SOLID ROCK EXCAVATION SEE STANDARD SHEET A-60.



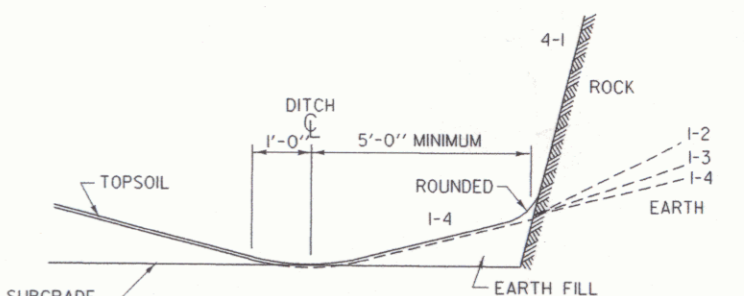
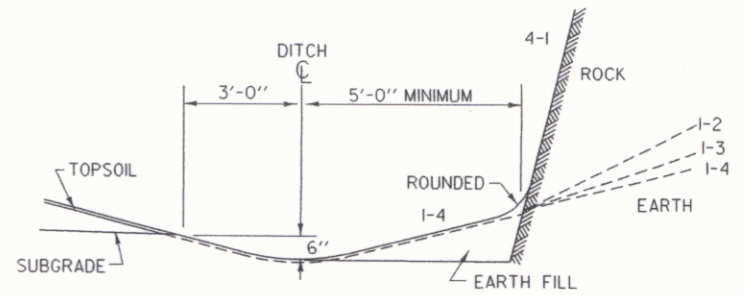
**SEEDING FORMULA URBAN AREAS**

% 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			

**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	BIRDSFOOT TREFLOIL	95	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. OR AS DIRECTED BY THE ENGINEER.  
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.  
TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.015 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.

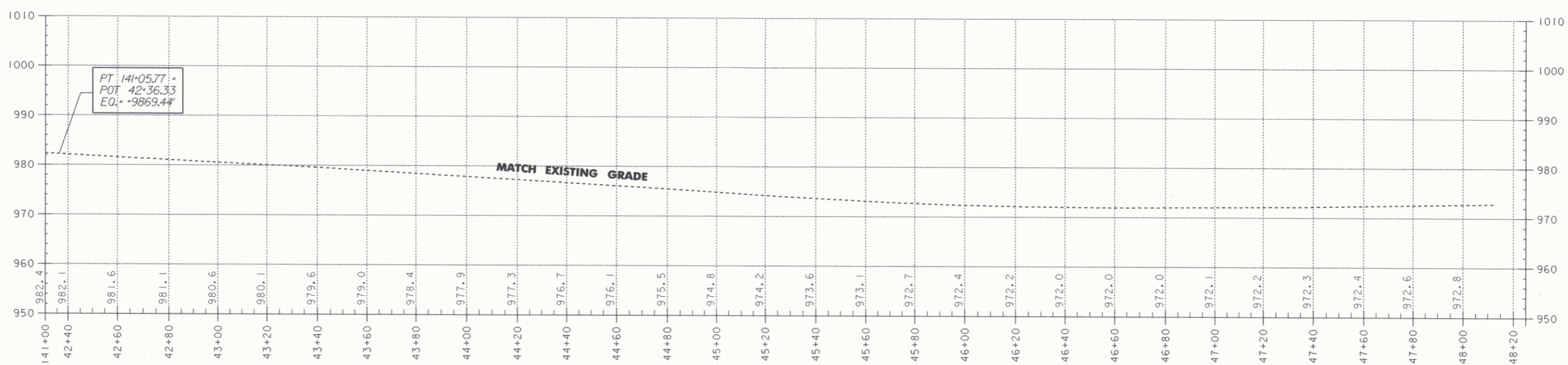
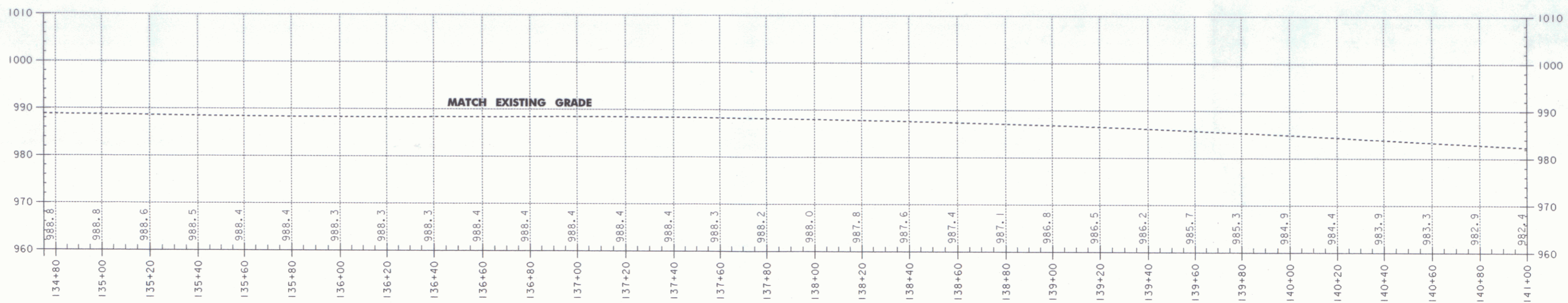


FEB 21 2001

NOT TO SCALE

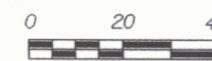
DB076TYP	
24-MAR-1999	
SURVEYED BY	ORVIS DATE 9/97
DRAWN BY	SODB DATE 9/97
SQUAD LEADER	DELLA SANTA
PROJ. NAME	LUDLOW
PROJ. NO.	NH 025-1(38)S
R. O. W. SHEET 2 OF 8 SHEETS	

# Profile



DATUM  
 VERTICAL NAVD83  
 HORIZONTAL NAD83 (92)

SCALES IN FEET



FEB 21 2001

PROJECT: LUDLOW	PROJECT NO.: NH 025-11381S
DESIGN FILE NAME: /S0DB/97B076/DB076WRK.DGN	PLOT DATE: 24-MAR-1999
IPARM FILE NAME: DB076PI	SURVEY DATE: 9/15/97
SURVEYED BY: DRVIS	DRAWN BY: SQUAD B
SQUAD LEADER: DELLA SANTA	
R. O. W. SHEET 3 OF 8 SHEETS	

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	GEORGE WILLIAMS, JR. ESTATE	6, 7	135+68 RT. 135+90 RT. 136+33 RT. 136+63 RT. 139+40 RT.	45+86 RT. 45+86 RT. 140+25 RT. 138+10 RT. 139+64 RT.	0.36A±		SLOPE (P) 1.51A±  ALL R. T. & I. ALL R. T. & I. ALL R. T. & I.	EXD	12-29-00	LUDLOW	191	549	FENCE STONEWALL STONEWALL							
2	SHEEHAN, GERALD J.	7	45+85 RT. 45+86 RT.	46+50 RT. 46+03 RT.	1088SF±		CONST. (T) 120 S.F.±	WD	01-26-00	LUDLOW	192	485-488								

FEB 21 2001

ACCT.MRyan  
 \\vaot\_cadd\fillmgcabinet\97B076\RightOfWay\r\076cd.dgn  
 DATE PLOTTED 11-MAY-2000

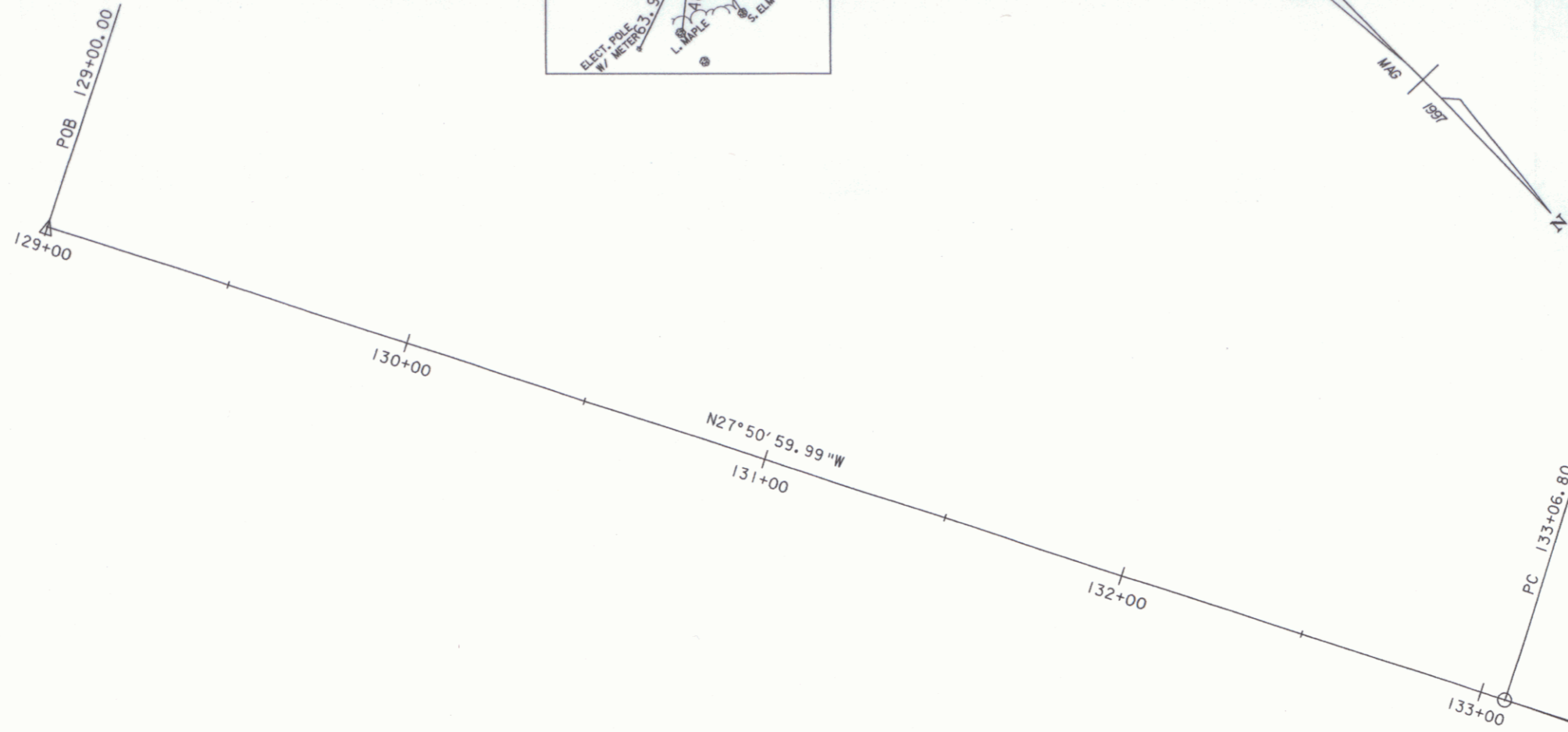
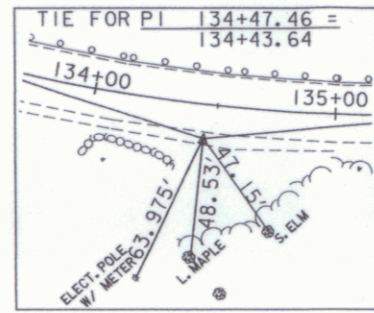
DR. (P)- DRAINAGE RIGHT  
 DIT. (P)- DITCHING RIGHT  
 CH. (P)- CHANNEL RT.  
 DRIVE (T)- DRIVE RIGHT  
 CUL. (P)- CULVERT RIGHT  
 [W]- WATER SOURCES

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

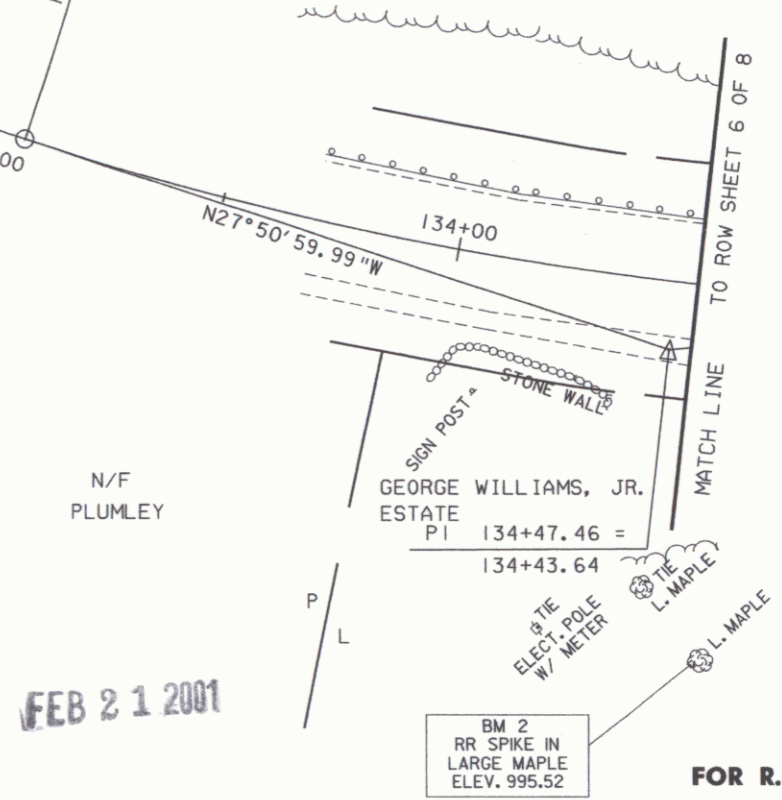
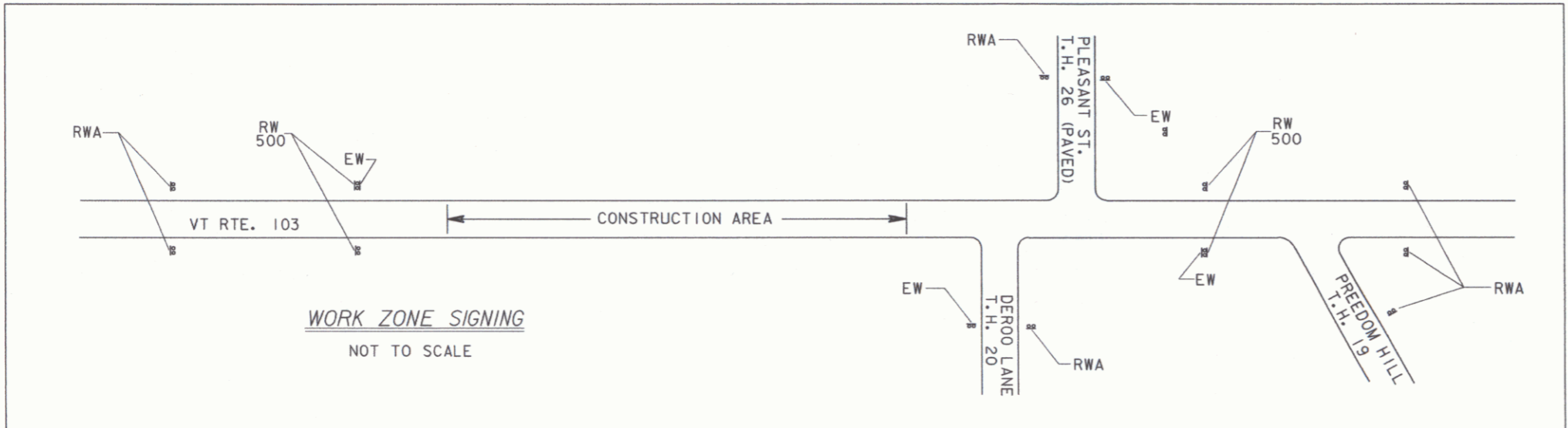
LEGEND . . . CZ (P) . . . . . CLEAR ZONE  
 CONST. (T) . . . . . CONSTRUCTION EASEMENT  
 SR SR SLOPE RIGHTS  
 P PROPERTY LINE  
 L TOP OF CUT  
 O O TOE OF SLOPE

APPROVED: LAWRENCE W. BLISS DATE: 03-22-99  
 AGENT D, PLANS & TITLES

R. O. W. PLANS  
 LUDLOW  
 NH 025-1(38)S  
 R. O. W. SHEET 7 OF 31 SHEETS



SURV. CURVE #1  
 $\Delta$  - 23°07'30" LT.  
 D - 820'  
 R - 687.55'  
 T - 140.66'  
 L - 277.50'  
 E - 142'  
 MATCH EXISTING CROSS SLOPE

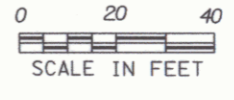


FEB 21 2001

FOR R.O.W. USE ONLY

DATUM  
 VERTICAL NAD 1929  
 HORIZONTAL ASSUMED

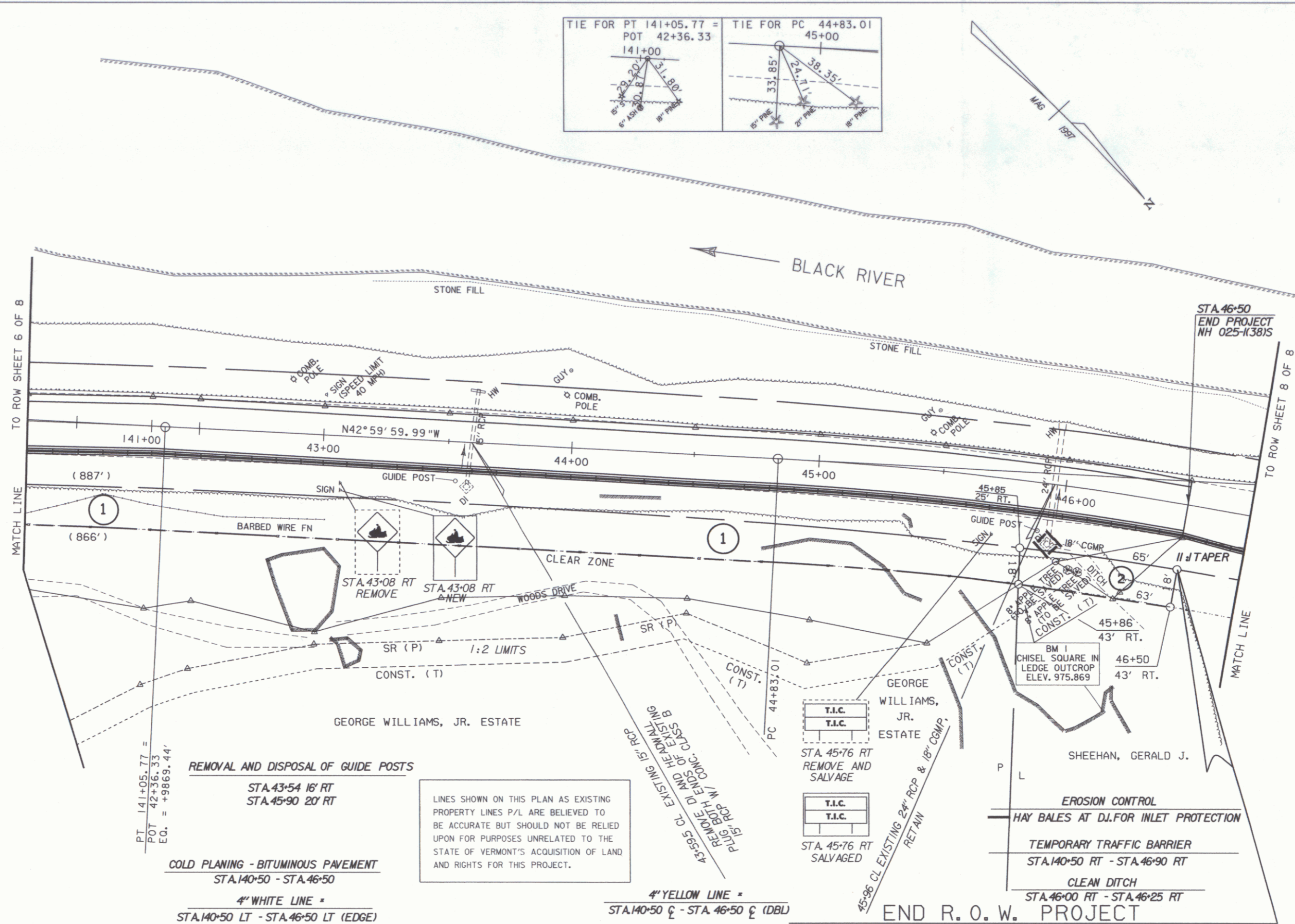
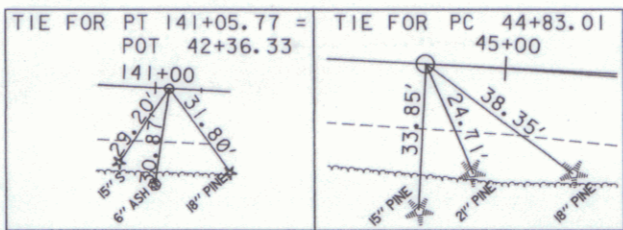
LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.



PROJECT: <u>LUDLOW</u>	PROJECT NO.: <u>NH 025-11381S</u>
DESIGN FILE NAME: /prop/97b076/rb076zzz.dgn	PLOT DATE: 13-JAN-2000
IPARM FILE NAME: rb076lr.l	SURVEY DATE: 9/15/97
SURVEYED BY: <u>ORVIS</u>	DRAWN BY: <u>SQDB</u>
SQUAD LEADER: <u>DELLA SANTA</u>	
R. O. W. SHEET 5 OF 8 SHEETS	SHEET 8 OF 31

5





PT. 141+05.77 =  
 POT 42+36.33  
 E.C. = +9869.44'

**REMOVAL AND DISPOSAL OF GUIDE POSTS**  
 STA. 43+54 16' RT  
 STA. 45+90 20' RT

**COLD PLANING - BITUMINOUS PAVEMENT**  
 STA. 140+50 - STA. 46+50

**4" WHITE LINE \***  
 STA. 140+50 LT - STA. 46+50 LT (EDGE)  
 STA. 140+50 RT - STA. 46+50 RT (EDGE)

**TEMPORARY 4" WHITE LINE \***  
 STA. 140+50 LT - STA. 46+50 LT (EDGE)  
 STA. 140+50 RT - STA. 46+50 RT (EDGE)

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.

**4" YELLOW LINE \***  
 STA. 140+50  $\xi$  - STA. 46+50  $\xi$  (DBL)

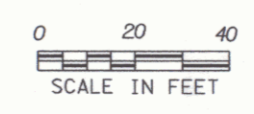
**TEMPORARY 4" YELLOW LINE \***  
 STA. 140+50  $\xi$  - STA. 46+50  $\xi$  (DBL)

**REMOVING SIGNS**  
 3 EA

**REMOVAL OF EXISTING FENCE**  
 STA. 140+50 RT - STA. 43+00 RT

\* SEE PAVEMENT MARKING TYPICAL ON SHEET 3  
 NOTE: ACTUAL SIGNS SHOWN ARE NOT DRAWN TO SCALE.

END R. O. W. PROJECT  
 NH 025-1(38)S STA. 46+50 25' RT.

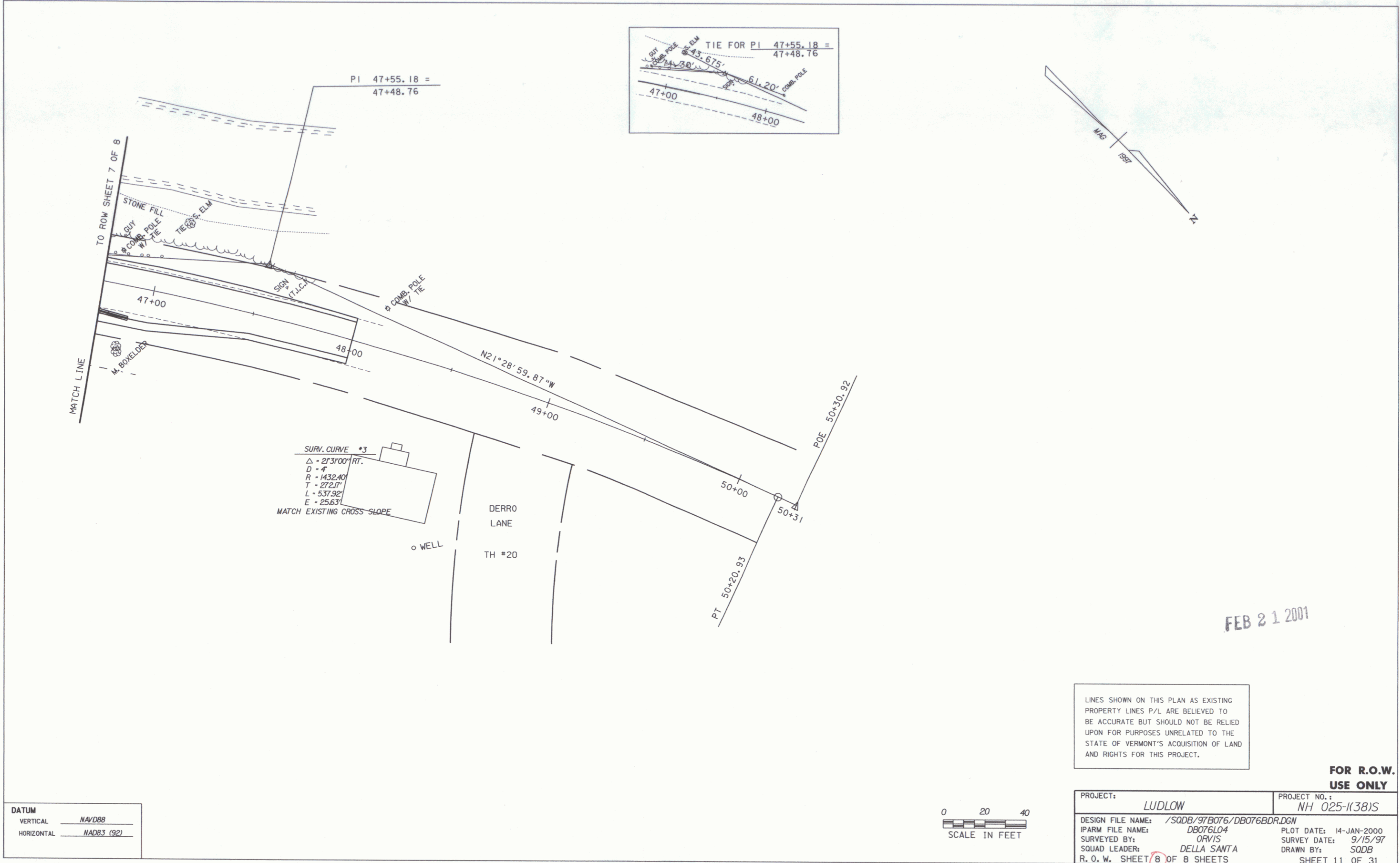


**DATUM**  
 VERTICAL: NAVD 1929  
 HORIZONTAL: ASSUMED

PROJECT: LUDLOW  
 PROJECT NO.: NH 025-1(38)S  
 DESIGN FILE NAME: /prop/97b076/rb076zzz.dgn  
 PARM FILE NAME: rb0763r.i  
 SURVEYED BY: ORVIS  
 SQUAD LEADER: DELLA SANTA  
 R. O. W. SHEET 7 OF 8 SHEETS  
 PLOT DATE: 14-JAN-2000  
 SURVEY DATE: 9/15/97  
 DRAWN BY: SADB  
 SHEET 10 OF 31

FEB 21 2001

FOR R.O.W. USE ONLY



DATUM  
 VERTICAL NAVD88  
 HORIZONTAL NAD83 (92)

0 20 40  
 SCALE IN FEET

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.

FEB 21 2001

PROJECT: LUDLOW		PROJECT NO.: NH 025-1(38)S
DESIGN FILE NAME: /SODB/97B076/DB076BDR.DGN	IPARM FILE NAME: DB076LD4	PLOT DATE: 14-JAN-2000
SURVEYED BY: ORVIS	SQUAD LEADER: DELLA SANTA	SURVEY DATE: 9/15/97
R.O.W. SHEET 8 OF 8 SHEETS		DRAWN BY: SADB
		SHEET 11 OF 31