

STATE OF VERMONT
AGENCY OF TRANSPORTATION



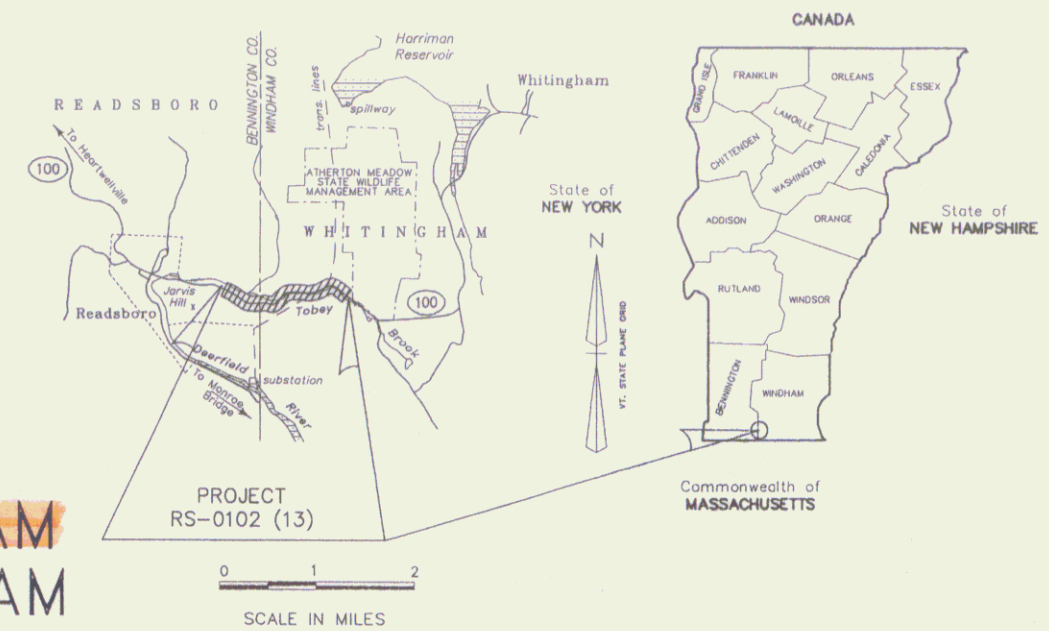
PROPOSED IMPROVEMENT
TOWNS OF READSBORO-WHITINGHAM
COUNTIES OF BENNINGTON-WINDHAM

VERMONT ROUTE 100 (F.A.P.)

BEGINNING AT A POINT ON VERMONT ROUTE 100 IN THE TOWN OF READSBORO,
APPROXIMATELY 0.28 MILES WEST OF THE READSBORO-WHITINGHAM TOWN LINE
AND EXTENDING IN AN EASTERLY DIRECTION APPROXIMATELY 1.10 MILES TO A
POINT ON EXISTING VERMONT ROUTE 100 IN THE TOWN OF WHITINGHAM.

LENGTH OF ROADWAY 5,759.98 FEET OR 1.091 MILES
LENGTH OF PROJECT 5,759.98 FEET OR 1.091 MILES
LENGTH OF R.O.W. PROJECT 7,019.98 FEET OR 1.330 MILES

PROJECT INVOLVES RECONSTRUCTION AND WIDENING OF A PORTION OF
VERMONT ROUTE 100 INCLUDING GRADING, DRAINAGE, SUBBASE, PAVEMENT
AND RELATED WORK.



R.O.W. PLANS

BEGIN R.O.W. PROJECT
STA. 99+90 45' LT.

END R.O.W. PROJECT
STA. 160+50 40' LT.

CONVENTIONAL SIGNS

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

MP 7.764
BEGIN PROJECT RS 0102 (13)
STA. 101+50.00

MP 8.038
TOWN OF READSBORO
MP 0.00
TOWN OF WHITINGHAM

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

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.

ALL DRIVES AS INDICATED ON PLANS
ARE SUBJECT TO PERMITS PURSUANT
TO TITLE 19 SECTION 1111, V.S.A.

Pin # 78E146

APPROVED *[Signature]* DATE 12/3/86
Director of Engineering

APPROVED *[Signature]* DATE 12/4/86
Chief of Right of Way

READSBORO-WHITINGHAM
RS 0102 (13)
R.O.W. SHEET 1 OF 19

MATERIAL ITEM	THICKNESS TOLERANCE			
PAVEMENT	± 1/4" (PER TOTAL THICKNESS)	1-1/4"	BITUMINOUS CONCRETE PAVEMENT (TYPE III)	406.25
SUBBASE	± 1/2"	1-3/4"	BITUMINOUS CONCRETE PAVEMENT (TYPE II)	406.25
SAND BORROW	± 1"	2"	BITUMINOUS CONCRETE PAVEMENT (TYPE I)	406.25
		18"	SUBBASE CRUSHED GRAVEL (COARSE GRADED)	301.25
		12"	SAND BORROW	203.31
		3"	BITUMINOUS CONCRETE PAVEMENT	406.25
		0" - 18"	ADDITIONAL SAND BORROW: TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER	

TYPICAL SECTIONS

SEEDING FORMULA, ITEM 651.15

RURAL AREAS

% WT.	LBS./AC.	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 TREFOIL	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 AS DIRECTED BY THE ENGINEER.

FERTILIZER FORMULA 10-20-10 TO BE USED WITH SEEDING APPLIED AT THE RATE OF 500 lbs./acre. (THE 10-20-10 REQUIREMENT MAY BE SATISFIED BY FORMULATING 19-19-19 TO MEET REQUIRED VALUES.)

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.

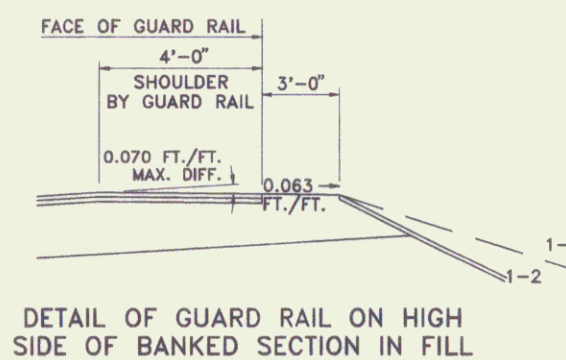
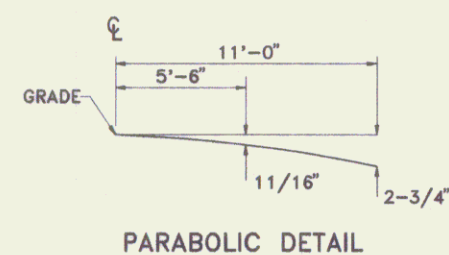
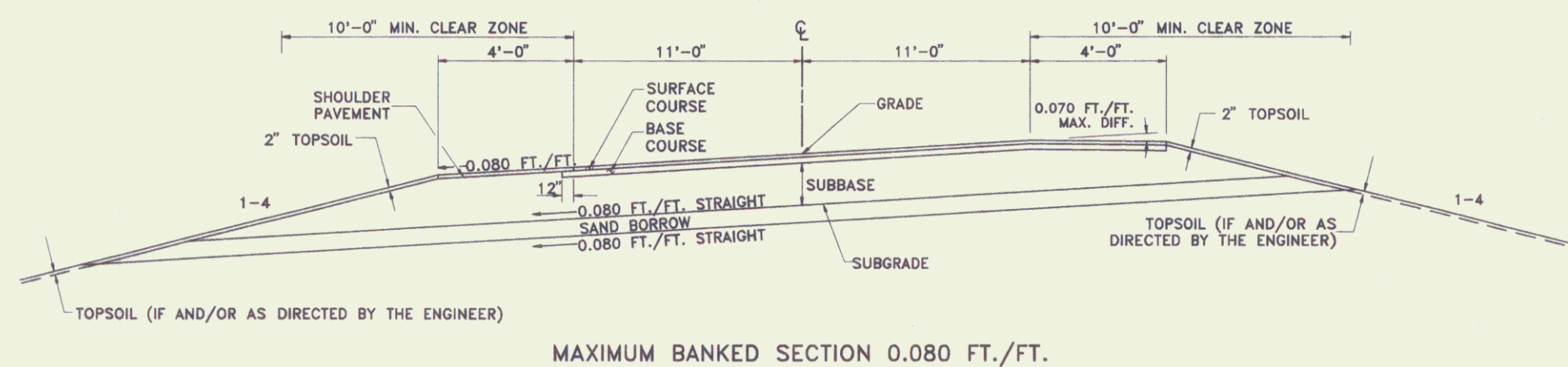
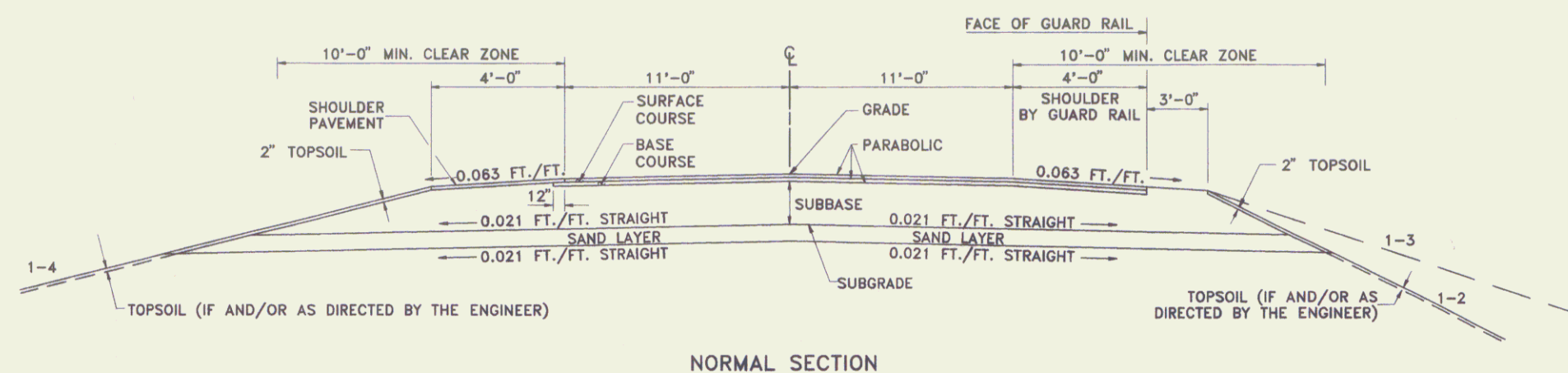
MARKER POSTS TO BE PLACED AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING--ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

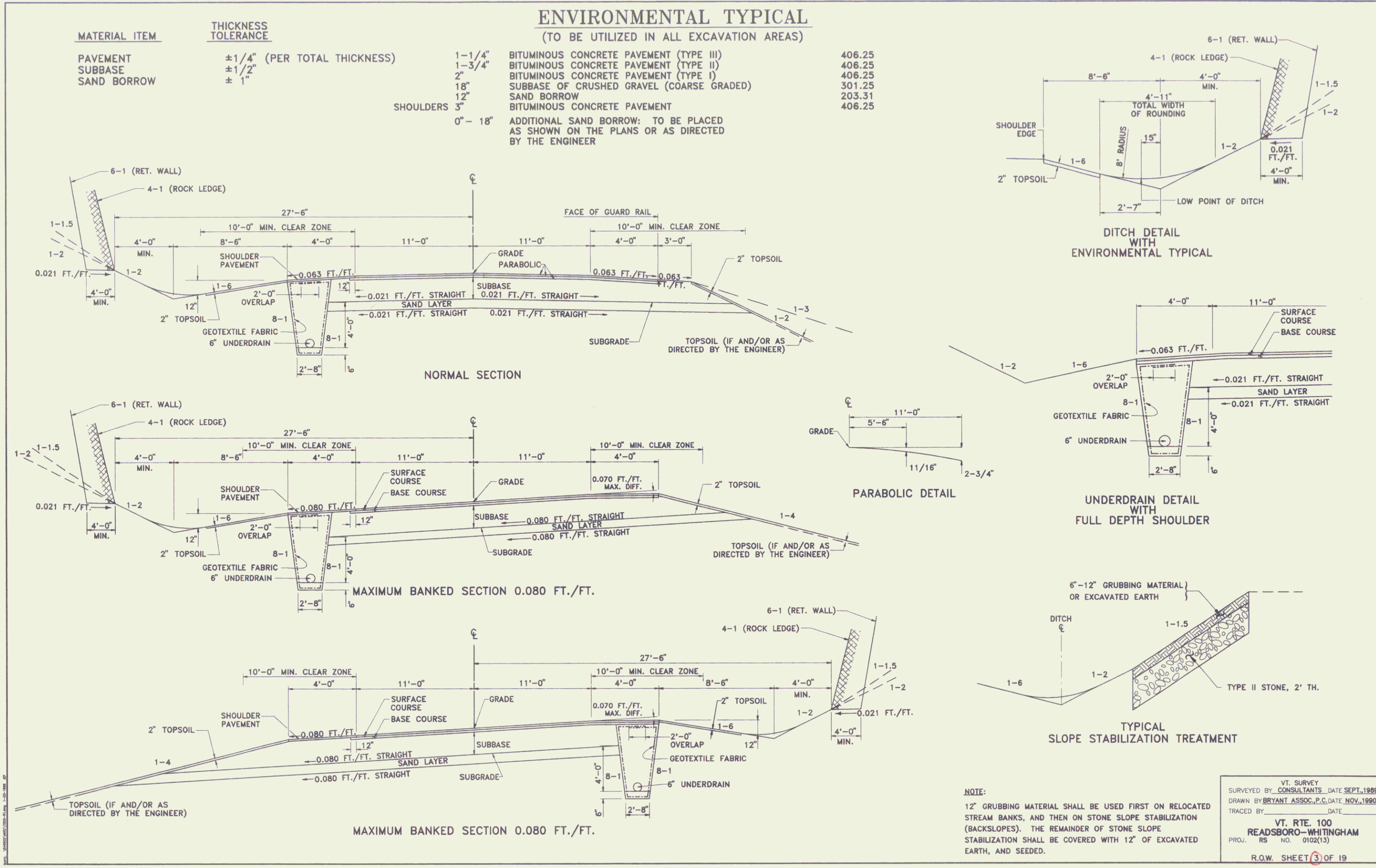
PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN--SEE STANDARD SHEET D-2.

THE 6" SAND BORROW IS NOT REQUIRED IN LEDGE EXCAVATION AREAS.

POST INSTALLATION FOR GUARDRAIL IN THE VICINITY OF THE TOBEY BROOK CONCRETE STRUCTURE SHALL BE DUG OR DRILLED (NOT DRIVEN).

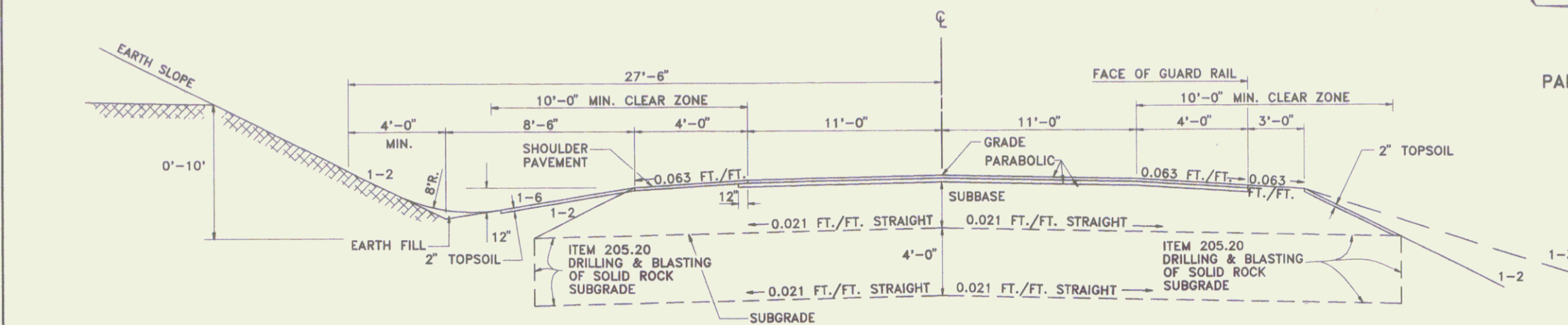


VT. SURVEY	DATE SEPT. 1989
SURVEYED BY CONSULTANTS	
DRAWN BY BRYANT ASSOC. P.C.	DATE NOV. 1990
TRACED BY	DATE
VT. RTE. 100	
READSBORO-WHITINGHAM	
PROJ. RS NO. 0102(13)	
R.O.W. SHEET 2 OF 19	

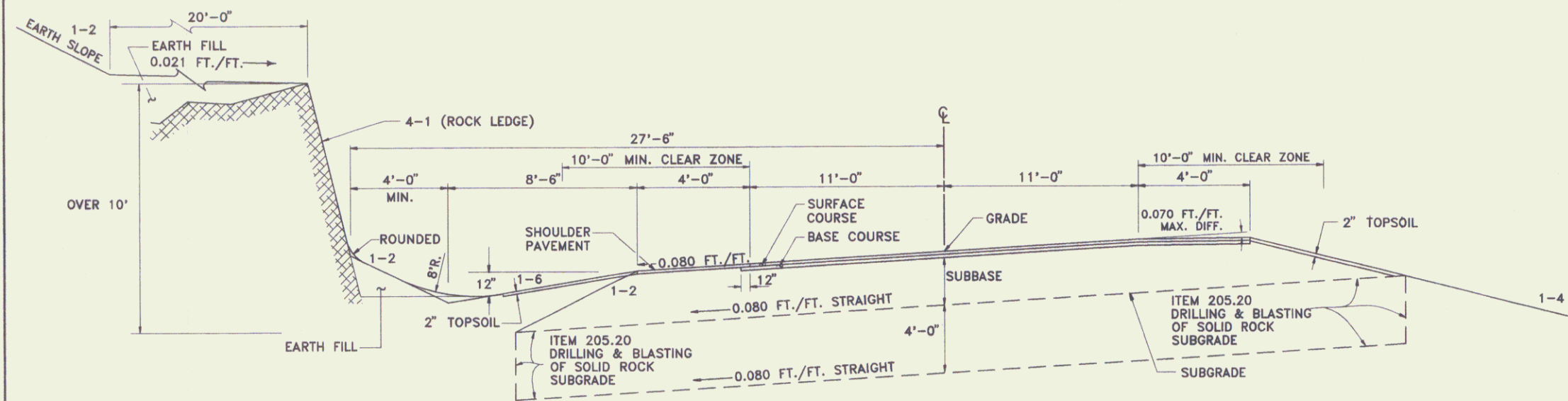


TYPICAL SECTIONS FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE (FOR PAVEMENT DESIGN DATA, SEE TYPICAL SECTIONS SHEET .)

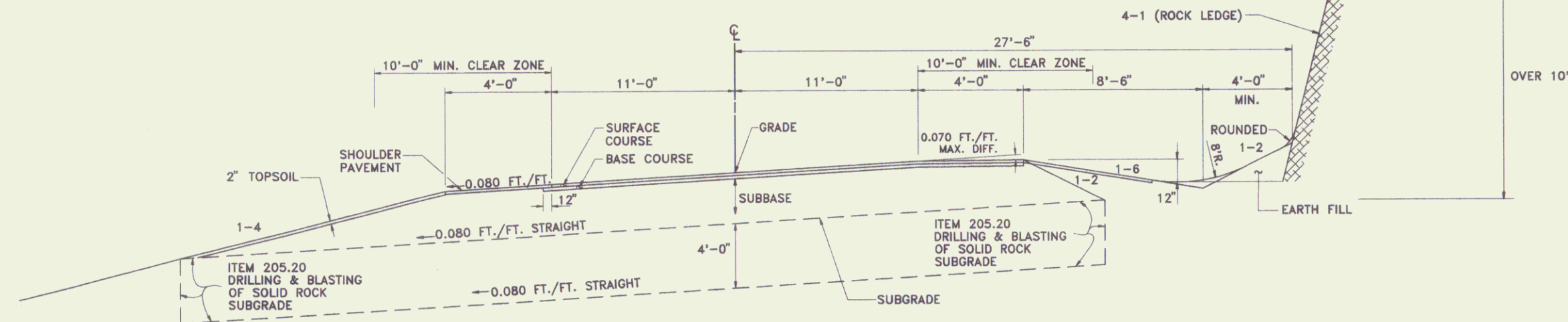
SHORT SECTIONS OF ROCK EXCAVATION, 0'-10' IN HEIGHT, TO BE EXCAVATED ON A 1-2 OR FLATTER SLOPE.



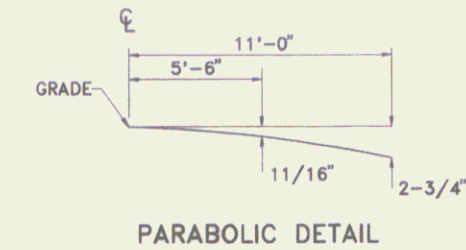
NORMAL SECTION



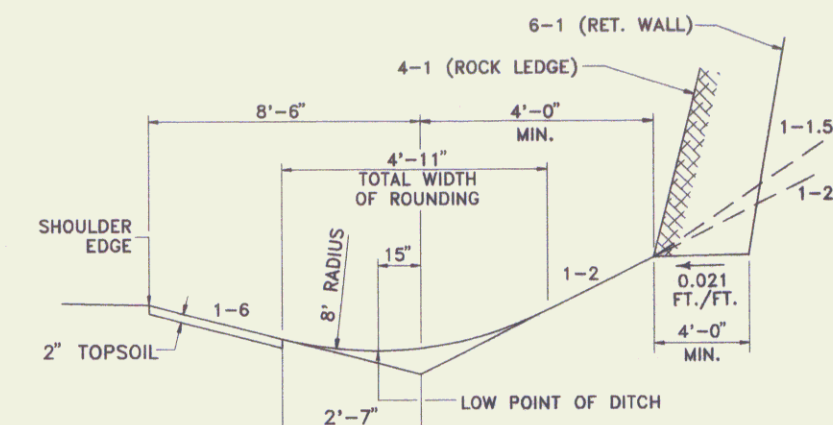
MAXIMUM BANKED SECTION 0.080 FT./FT.



MAXIMUM BANKED SECTION 0.080 FT./FT.



PARABOLIC DETAIL



DITCH DETAIL
WITH
ENVIRONMENTAL TYPICAL

NOTES:

THE CONTRACTOR SHOULD USE CARE IN BLASTING SOLID ROCK, SO THAT NO OVERHANGING LEDGE WILL RESULT. ANY LOOSE LEDGE OR OVERBREAKAGE SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE.

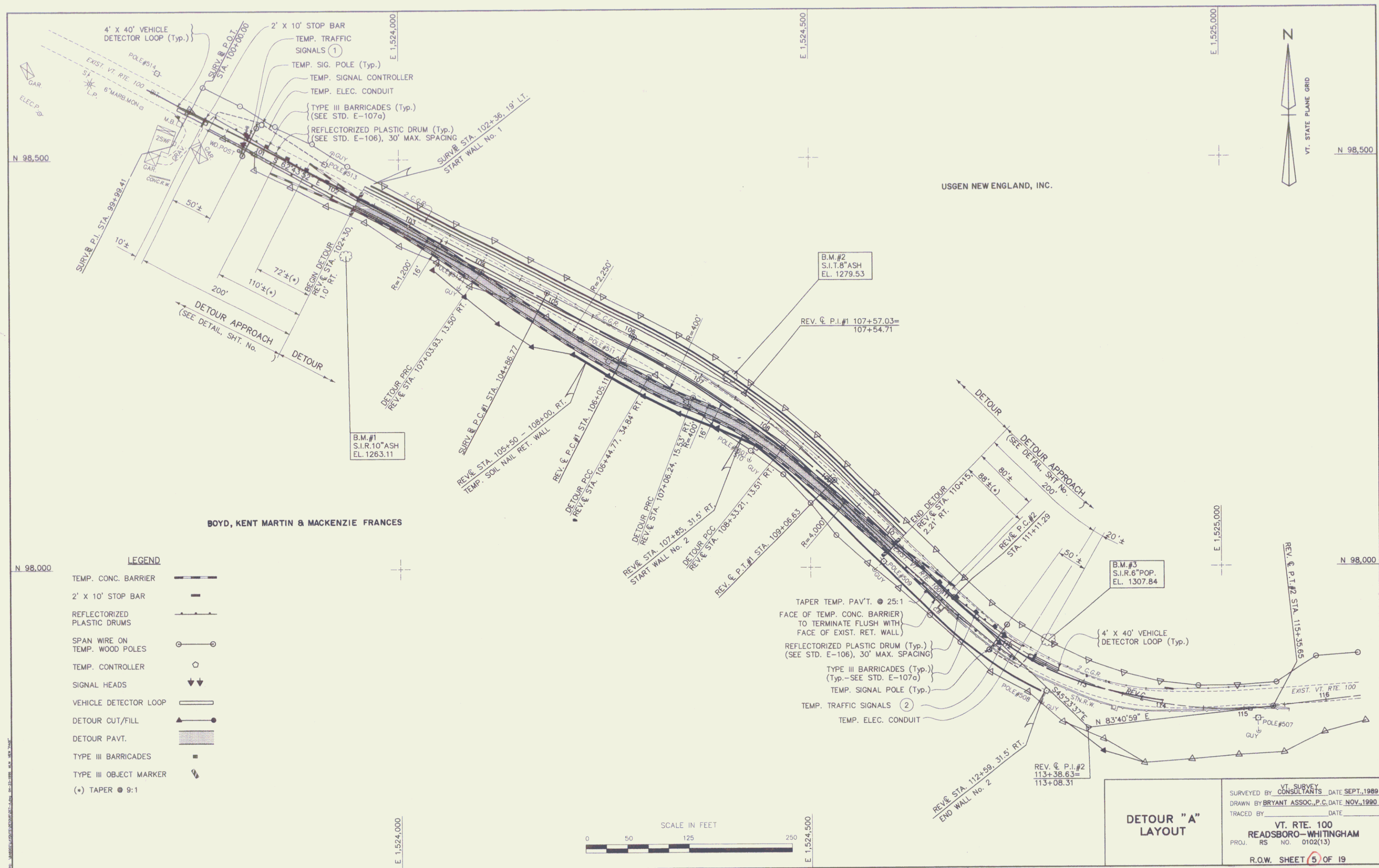
TEST TRENCHES WILL BE EXCAVATED AS ORDERED BY THE ENGINEER TO ASSURE REQUIRED RESULTS ARE BEING OBTAINED ACCORDING TO SECTION 205. TEST TRENCHES ARE TO BE PAID AS TRENCH EXCAVATION OF EARTH, ITEM 204.20.

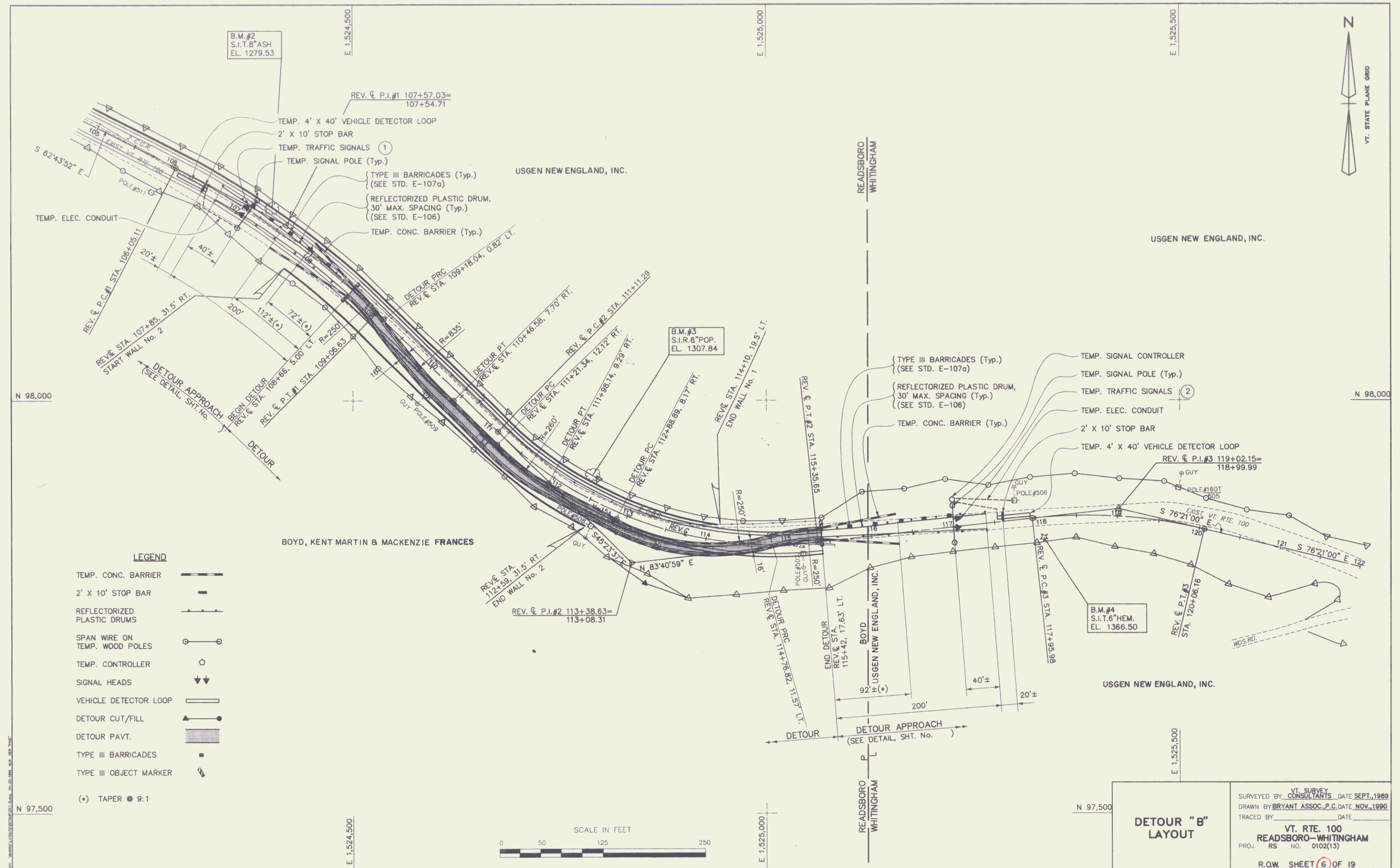
NORMALLY, THE DISTANCE BETWEEN THE EDGE OF SURFACES AND THE FACE OF SOLID ROCK WILL NOT BE LESS THAN 10 FEET.

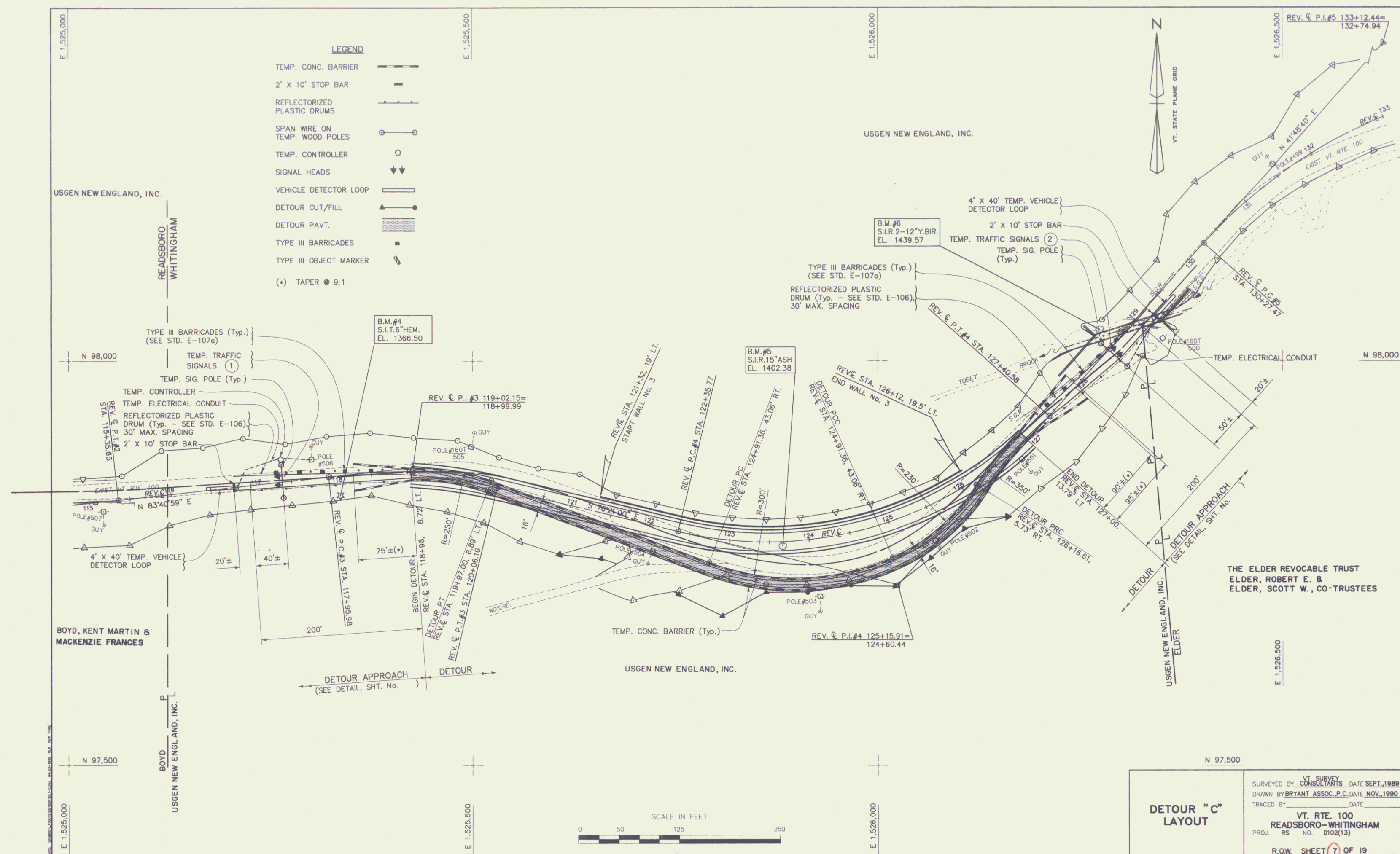
SELECTION OF APPROPRIATE ROCK SLOPE TO BE DETERMINED BY THE ENGINEER FOR EACH ROCK EXCAVATION LOCATION.

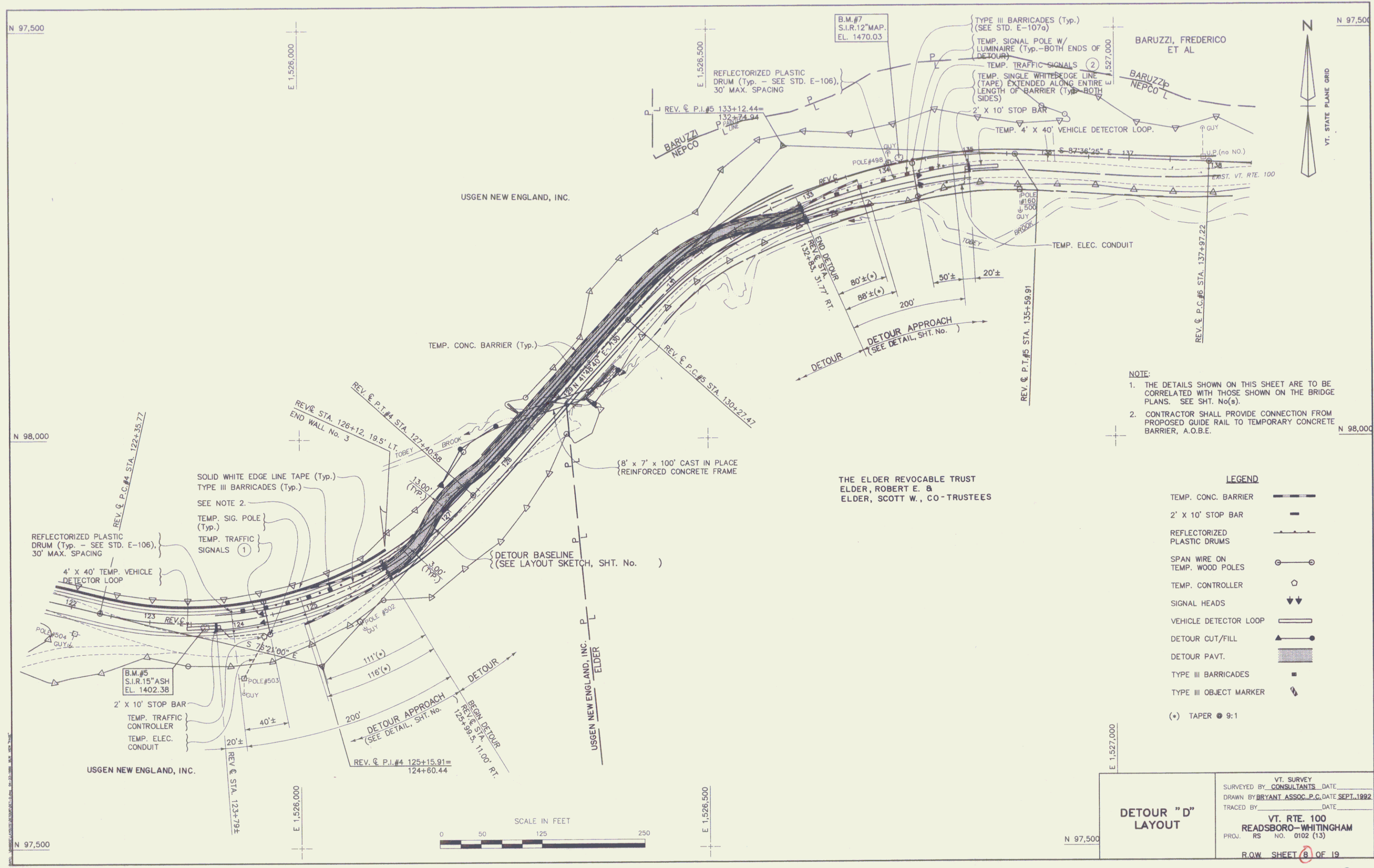
FOR AREAS IN WHICH THE LIMITS OF SHATTERED ROCK DO NOT EXTEND ACROSS THE ENTIRE ROADWAY SECTION THE CONTRACTOR MAY ELECT TO INCLUDE THE 6" SAND LAYER AS SHOWN ON SHEET .

VT. SURVEY
SURVEYED BY CONSULTANTS DATE SEPT., 1989
DRAWN BY BRYANT ASSOC., P.E. DATE NOV., 1990
TRACED BY DATE
VT. RTE. 100
READSBORO-WHITINGHAM
PROJ. RS NO. 0102(13)
R.O.W. SHEET 4 OF 19





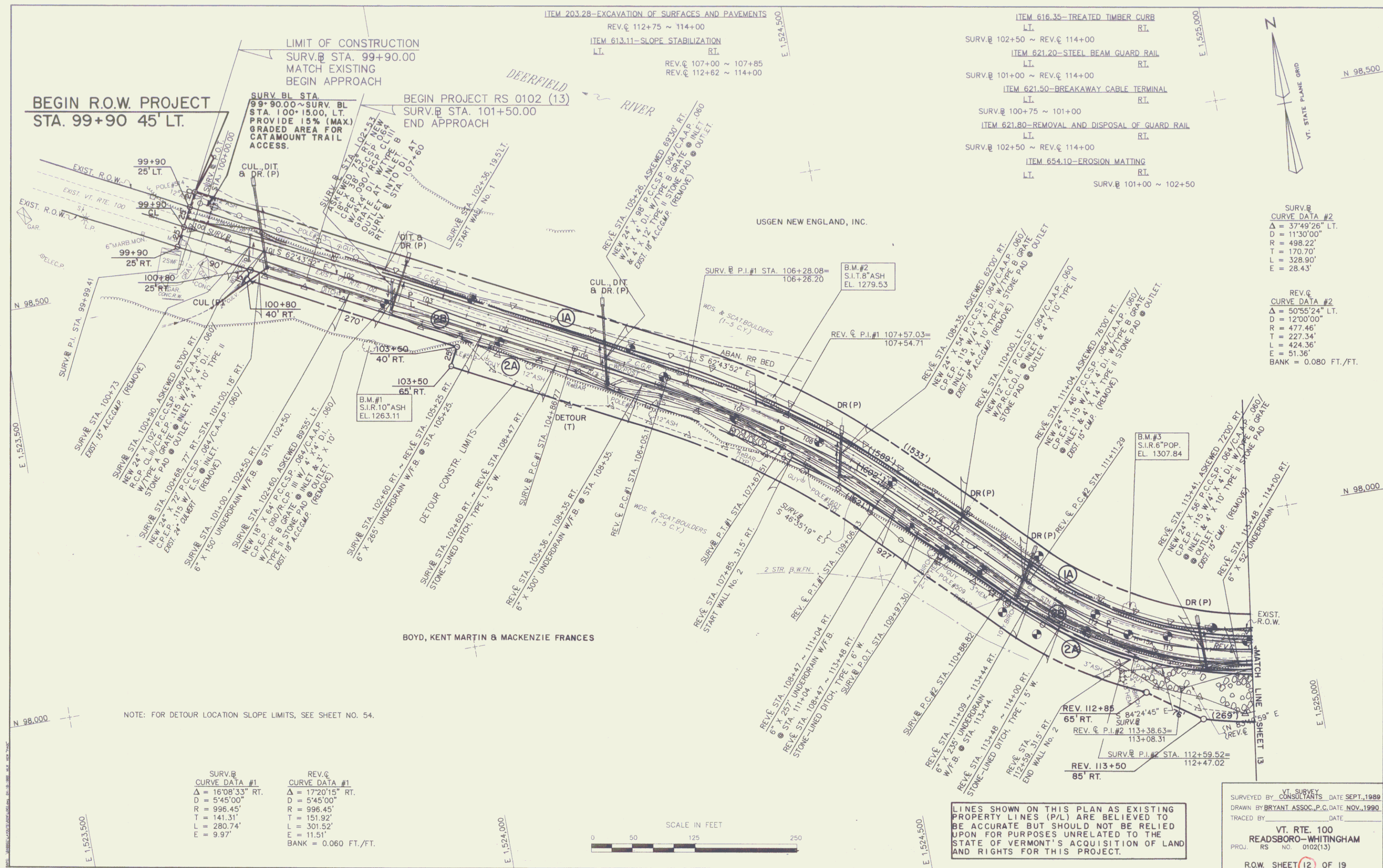


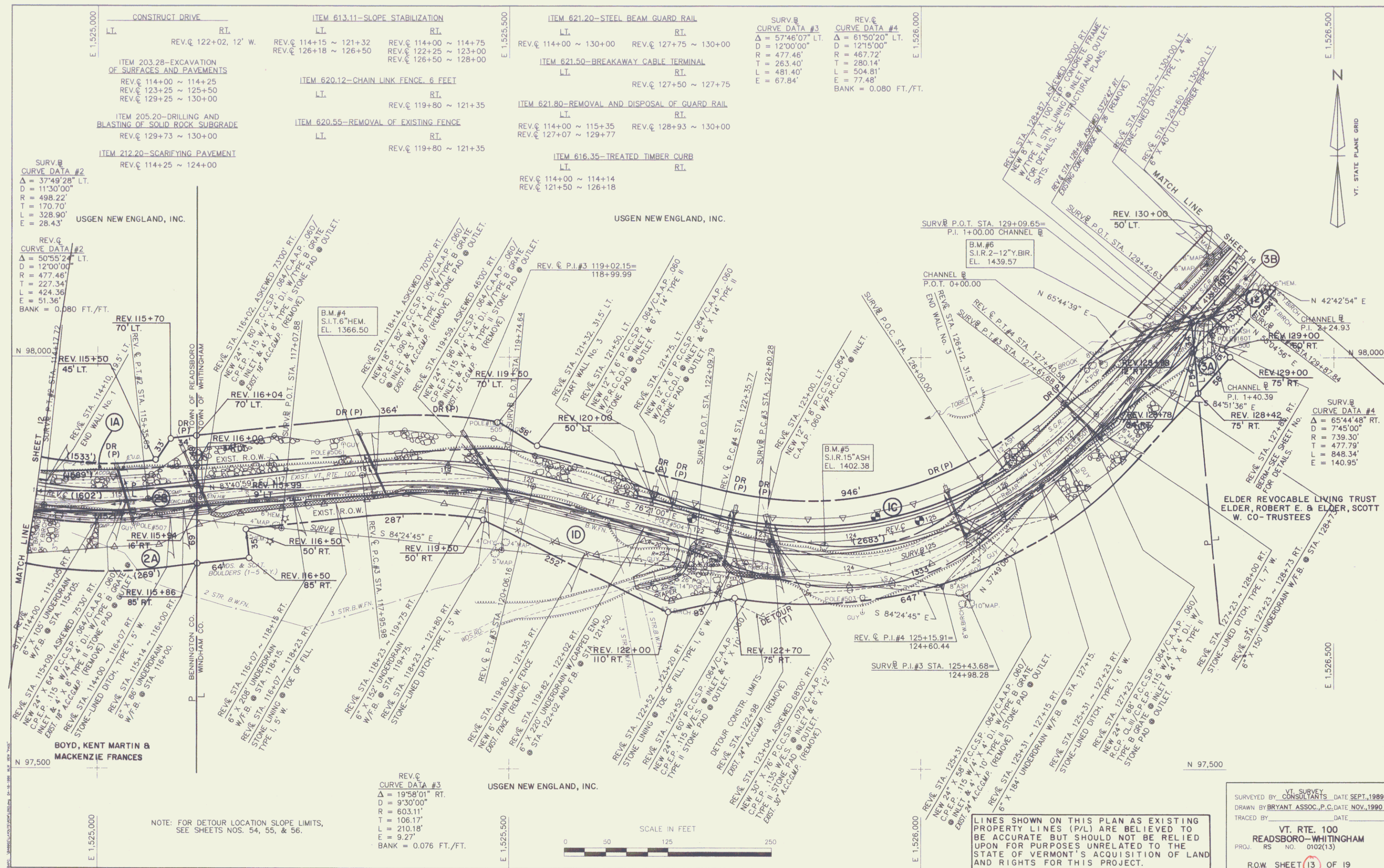


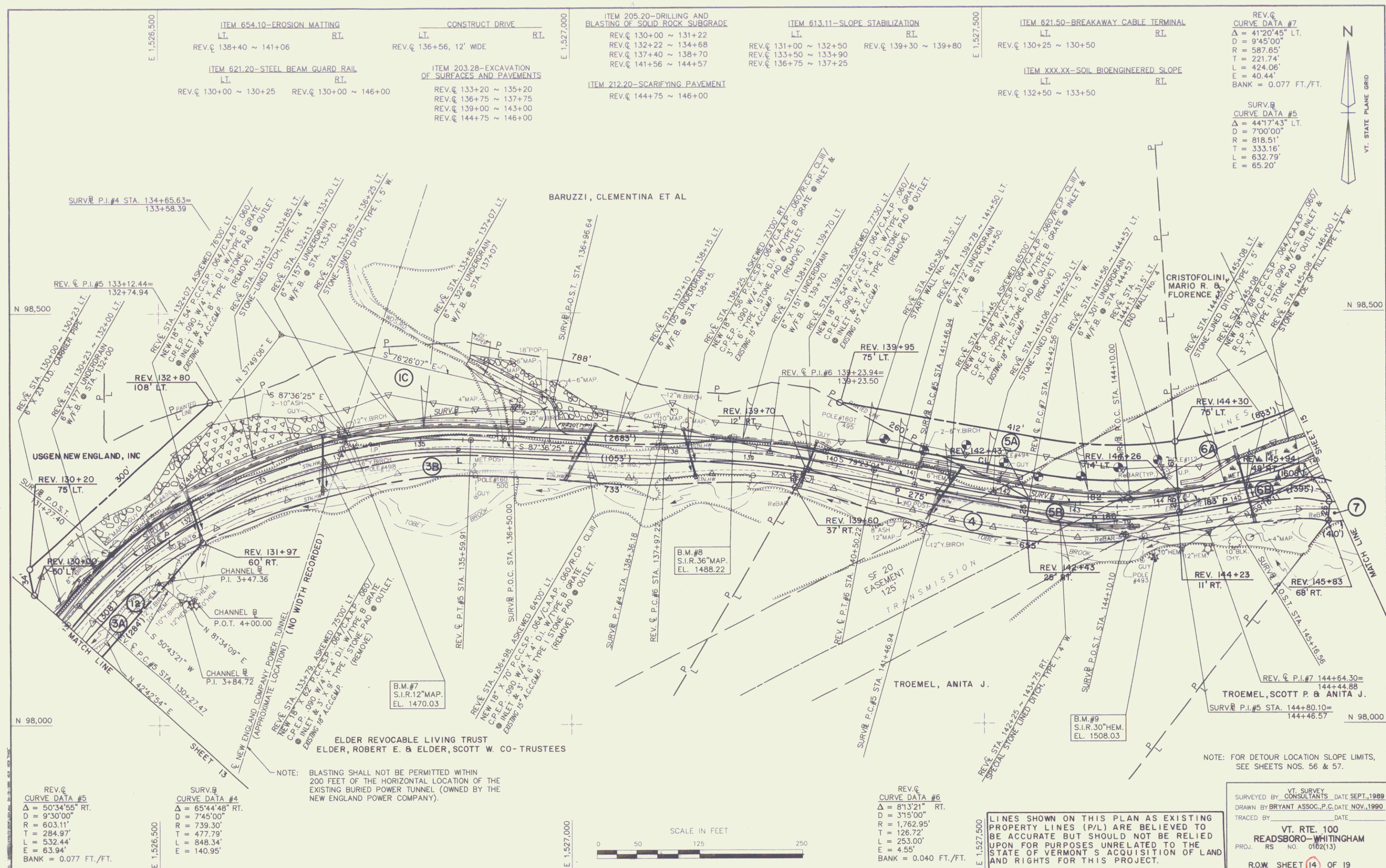
NOTE:
1. THE DETAILS SHOWN ON THIS SHEET ARE TO BE CORRELATED WITH THOSE SHOWN ON THE BRIDGE PLANS. SEE SHT. NO. (S).
2. CONTRACTOR SHALL PROVIDE CONNECTION FROM PROPOSED GUIDE RAIL TO TEMPORARY CONCRETE BARRIER, A.O.B.E.

- LEGEND**
- TEMP. CONC. BARRIER
 - 2' X 10' STOP BAR
 - REFLECTORIZED PLASTIC DRUMS
 - SPAN WIRE ON TEMP. WOOD POLES
 - TEMP. CONTROLLER
 - SIGNAL HEADS
 - VEHICLE DETECTOR LOOP
 - DETOUR CUT/FILL
 - DETOUR PAVT.
 - TYPE III BARRICADES
 - TYPE III OBJECT MARKER
- (*) TAPER @ 9:1

DETOUR "D" LAYOUT	VT. SURVEY
	SURVEYED BY: CONSULTANTS DATE
	DRAWN BY: BRYANT ASSOC. P.C. DATE: SEPT. 1992
	TRACED BY: DATE
	VT. RTE. 100 READSBORO-WHITINGHAM PROJ. RS NO. 0102 (13) R.O.W. SHEET 8 OF 19







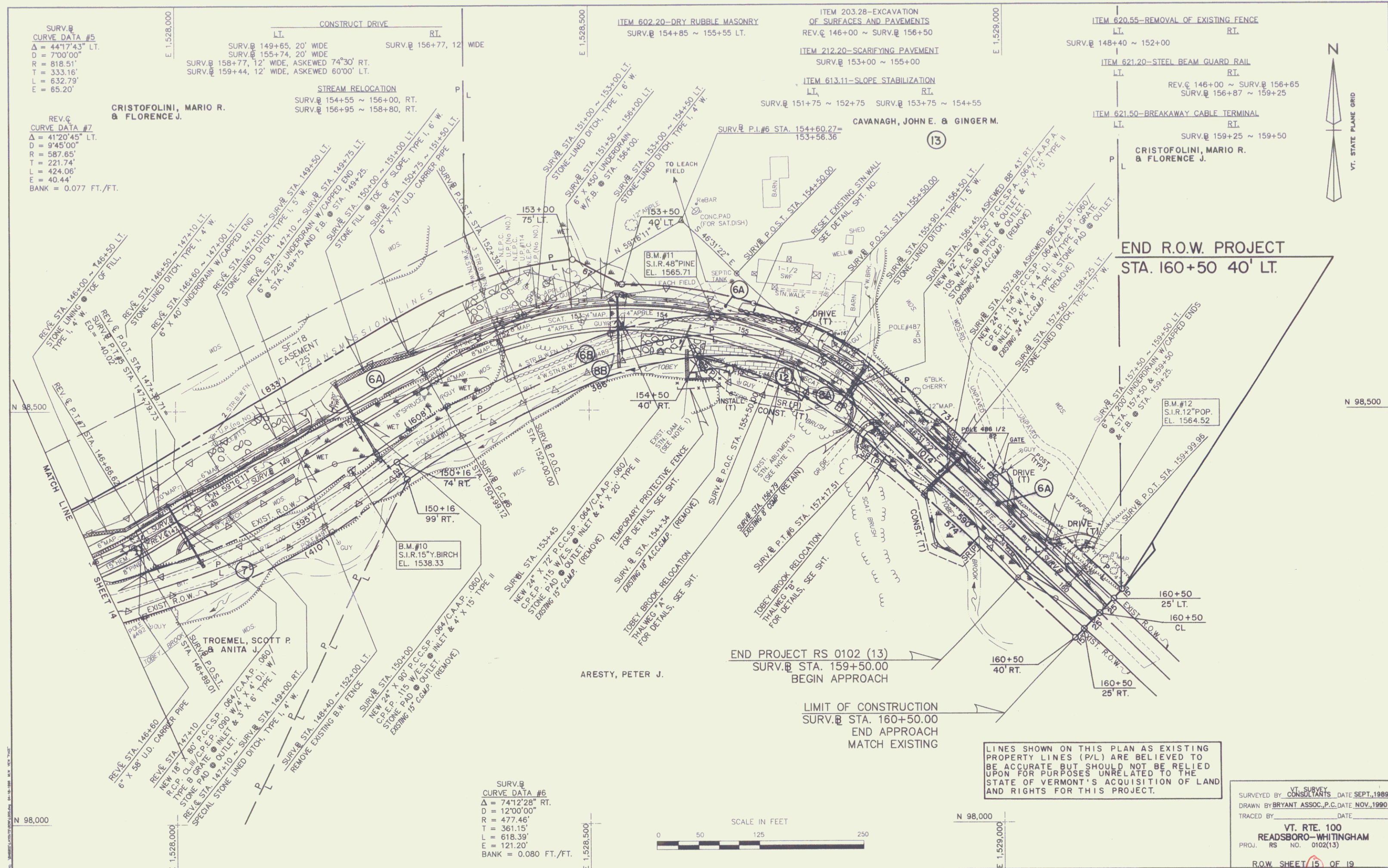


TABLE OF PROJECT PROPERTY ACQUISITION

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		
1A	USGEN NEW ENGLAND, INC.	5, 6, 7, 12, 13, 14	99+90 LT. 100+50 LT. 100+55 LT. 102+60 LT. REV. 104+98 LT. REV. 105+00 LT. REV. 108+10 LT. REV. 110+00 LT. REV. 110+92 LT. REV. 113+25 LT. REV. 115+00 LT. REV. 115+80 LT.	REV. 116+04 LT. 100+57 LT. 100+80 LT. REV. 105+05 LT. REV. 105+10 LT.	0.90A±		DITCH & DRAINAGE (P) CULVERT (P) DITCH & DRAINAGE (P) DITCH & DRAINAGE (P) CULVERT (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)			READSBORO					1	15	PARCEL NO. 6 CRISTOFOLINI. REVISE PLAN SHEET TO SHOW NEWLY INSTALLED SEPTIC SYSTEM. PER C.O. 8864.	03-20-97	C. C. P.	L. W. B.	
																2	9, 12	PARCEL NO. 1 NEW ENGLAND POWER CORPORATION REMOVE NEW PIPE DESIGN AND DRAINAGE (P) AT REV. STA. 106+00 LT. ADD NEW PIPE DESIGN AT SURV. BL STA. 102+53. PER C.O. 8895.	05-13-97	M. J. R.	L. W. B.
																3	11, 13, 14, 15	PARCEL NO. 12 TOWN OF READSBORO. ADD NEW PARCEL NO. 12 ALL R.T. & I. PER C.O. 8949.	02-11-98	W. L. G.	L. W. B.
1B	DELETED															4	10	PARCEL NO. 5A & 5B BARRUZZI. ADD MORRISSEY AND GALE AS ADMINISTRATORS OF APPROPRIATE ESTATES. PER C.O. 9001.	11-23-98	R. M. W.	L. W. B.
1C		13, 14	REV. 116+00 LT. REV. 117+90 LT. REV. 119+04 LT. REV. 121+50 LT. REV. 121+75 LT. REV. 122+52 LT. REV. 122+83 LT. REV. 125+31 LT. REV. 127+23 LT. REV. 136+56 LT. REV. 133+67 RT.	REV. 142+43 CL.	3.40A±		DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)			WHITINGHAM											
1D		13	REV. 115+86 RT. REV. 119+75 RT. REV. 122+02 RT. REV. 122+66 RT.	REV. 128+78 RT. REV. 121+35 RT. REV. 121+35 RT. REV. 123+25 RT.	1.30A±					WHITINGHAM											

ACCT.MRyon
M:\78el46\RightOfWay\rel46a.dgn
DATE PLOTTED 14-NOV-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
--- C&T (P) --- CLEARING & TRIMMING
... C&T (P) ... CLEAR ZONE
--- CONST. (T) --- CONSTRUCTION EASEMENT
--- SR --- SLOPE RIGHTS
--- P --- PROPERTY LINE
--- L --- TOP OF CUT
--- O --- TOE OF SLOPE

--- U.E. (P) --- PERMANENT UTILITY EASEMENT

APPROVED: LAWRENCE W. BLISS DATE: 12-4-96
CHIEF, PLANS & TITLES

R. O. W. PLANS
READSBORO-WHITINGHAM
RS 0102(13)
SHEET 9 OF 19

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

TABLE OF PROJECT PROPERTY ACQUISITION

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
2A	BOYD, KENT MARTIN & MACKENZIE FRANCES	5, 6 12, 13	100+80 RT. 100+68 RT. 104+76 RT.	REV. 115+94 RT. 100+82 RT. REV. 105+05 RT.	1.30A±		CULVERT (P) DETOUR (T) 44 S.F.±			READSBORO				14	11	PARCEL NO. 7 TROEMEL. ADD 'ALL R.T. & I' AND 'HWY. EASE. VT. RTE. 100' TO DETAIL SHEET. PER C.O. 9169.	11-09-00	S. L. D.	R. P. D.
2B		12, 13	99+90 RT.	REV. 115+99 LT.	0.92A±		ALL R.T. & I.						HWY. EASE. VT. RTE. 100	15	11	PARCEL NO. 13 CAVANAGH. CHANGE NAME TO GINGER M. CAVANAGH. PER C.O. 9170.	11-09-00	S. L. D.	R. P. D.
3A	THE ELDER REVOCABLE LIVING TRUST ELDER, ROBERT E. & ELDER, SCOTT W. CO-TRUSTEES	8, 13 14	REV. 128+42 RT.	REV. 131+97 RT.	0.18A±			TD	04-27-01	WHITINGHAM	109	471							
3B		13, 14	REV. 128+78 RT.	REV. 139+70 RT.	0.60A±		ALL R.T. & I.						HWY. EASE. VT. RTE. 100						
4	TROEMEL, ANITA J.	14	REV. 139+60 RT.	REV. 145+94 RT.	0.37A±		ALL R.T. & I.	WD	01-22-02	WHITINGHAM	114	200	HWY. EASE. VT. RTE. 100						
5A	FEDERICO BARUZZI ESTATE FRANCIS E. MORRISSEY ESQ., ADMINISTRATOR FRANCESCO BARUZZI ESTATE RICHARD M. GALE ESQ., ADMINISTRATOR ROSE L. MARONI ESTATE RICHARD M. GALE ESQ., ADMINISTRATOR CLEMENTINA BARUZZI BETTY BARUZZI PERENICK RICHARD C. COLO DOROTHY M. COLO AND RONALD F. BARUZZI	14	REV. 135+95 LT.	REV. 144+30 LT.	0.50A±														
5B		14	REV. 142+43 RT.	REV. 144+26 LT.	0.11A±		ALL R.T. & I.						HWY. EASE. VT. RTE. 100						
6A	CRISTOFOLINI, MARIO R. & FLORENCE J.	14, 15	REV. 144+26 LT. 148+35 LT. 149+65 LT. 151+88 RT. 151+88 RT. 154+05 LT.	160+50 LT. 152+00 LT. 155+55 LT. 153+80 LT. 154+60 LT.	2.50A±			WD	03-27-01	WHITINGHAM	109	342	2 STRAND B.W. FENCE 20' GRAVEL DRIVE MM 0064 STONE WALL 4 STRAND B.W. FENCE LEACH FIELD (NOT USED)						
ACCT: GFunk M:\786\46\RightOfWay\rel6d.dgn DATE PLOTTED 13-FEB-2002 DR. (P)- DRAINAGE RIGHT DIT. (P)- DITCHING RIGHT CH. (P)- CHANNEL RT. DRIVE (T)- DRIVE RIGHT CUL. (P)- CULVERT RIGHT [W]- WATER SOURCES <																			

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6B		14,15	REV. 144+23 RT.	160+50 CL	0.92A±		ALL R. T. & I.						HWY. EASE. VT. RTE. 100						
7	TROEMEL, SCOTT P. & ANITA J.	14,15	REV. 145+83 RT.	150+16 RT.	0.23A±		ALL R. T. & I.	WD	01-22-02	WHITINGHAM	114	202	HWY. EASE. VT. RTE. 100						
8A	ARESTY, PETER J.	15	154+50 RT. 154+23 RT. 154+40 RT. 154+50 RT. 156+77 RT. 156+85 RT. 156+95 RT. 158+00 RT.	160+50 RT. 154+85 RT. 156+22 RT. 156+00 RT. 158+90 RT. 157+50 RT. 158+80 RT.	0.24A±		INSTALL (T) CONST. (T) 1700 S.F.± SLOPE (P) 1820 S.F.± CONST. (T) 2500 S.F.± SLOPE (P) 300 S.F.± SLOPE (P) 1775 S.F.±						PROTECTIVE FENCE 12' DRIVE GRAVEL MM 0078						
8B		15	150+16 RT. 154+30 RT.	160+50 RT.	0.57A±		ALL R. T. & I. EXCEPT & RESERVE						HWY. EASE. VT. RTE. 100 STONE DAM						
9	NEW ENGLAND POWER COMPANY												UTILITY						
10	NEW ENGLAND TELEPHONE & TELEGRAPH COMPANY D/B/A/ BELL ATLANTIC - NEW ENGLAND												UTILITY						
11	VILLAGE OF JACKSONVILLE ELECTRIC DEPARTMENT												UTILITY						
12	TOWN OF READSBORO	13,14 15	REV. 128+42 RT.	160+50 RT.			ALL R. T. & I.						PARCELS 3A, 7 & 8A AS IT MAY PERTAIN TO WATER RIGHTS ACQUIRED IN BK 21 PG 26 OF THE WHITINGHAM LAND RECORDS.						
13	CAVANAGH, JOHN E. & GINGER M.	15	155+74 LT. 158+77 LT. 158+45 LT. 159+44 LT. 154+85 LT.	158+50 LT. 155+55 LT.			DRIVE (T) DRIVE (T) REMOVE & RESET (T) DRIVE (T) RESET (T)			WHITINGHAM			20' GRAVEL MM 0076 12' GRAVEL MM 0081 GATE 12' GRAVEL MM 0083 STONE WALL						

ACCT. OFunk
M:\786\46\Right10\Fay\rel46d.dgn
DATE PLOTTED 13-FEB-2002

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

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

LEGEND
C&T (P) --- CLEARING & TRIMMING
CZ (P) --- CLEAR ZONE
CONSL (T) --- CONSTRUCTION EASEMENT
SR --- SLOPE RIGHTS
P --- PROPERTY LINE
L --- TOP OF CUT
O --- TOE OF SLOPE
UE (P) --- PERMANENT UTILITY EASEMENT

APPROVED: LAWRENCE W. BLISS DATE: 12-4-96
CHIEF, PLANS & TITLES

R. O. W. PLANS
READSBORO-WHITINGHAM
RS 01.02(13)
SHEET 11 OF 19

