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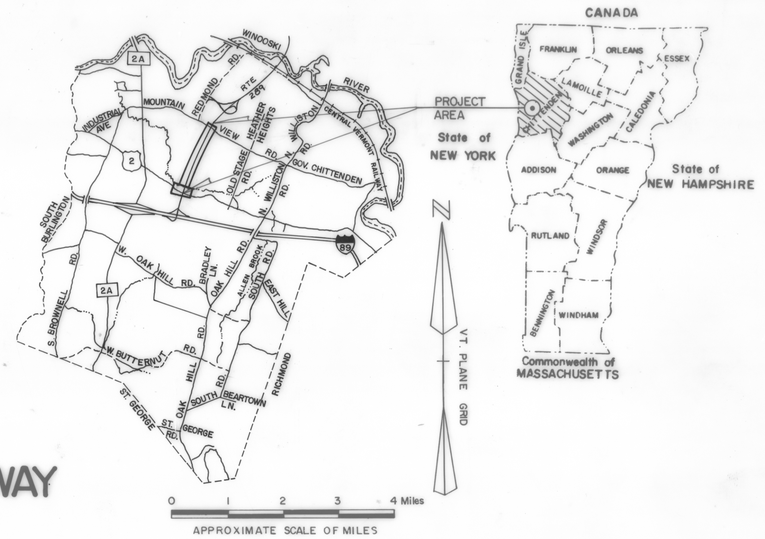
	7-12	R.O.W. DETAIL SHEETS
	13-22	R.O.W. LAYOUT SHEETS
	23-26	PROFILE SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

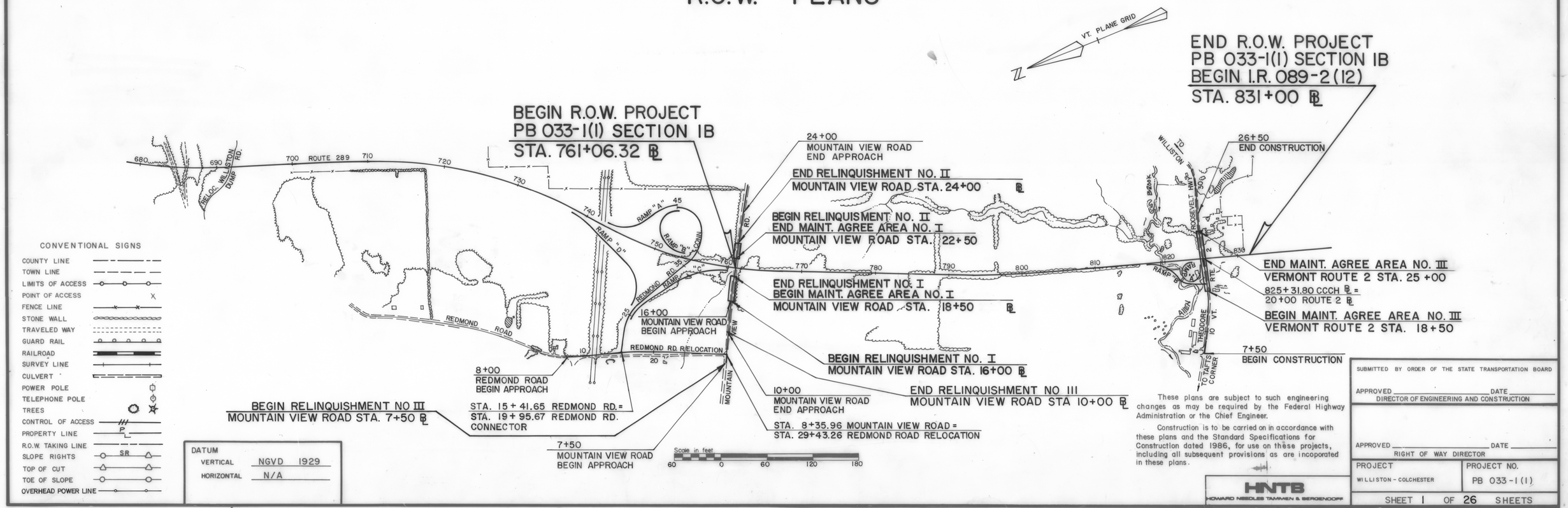


PROPOSED IMPROVEMENT
TOWN OF WILLISTON
COUNTY OF CHITTENDEN
CHITTENDEN COUNTY CIRCUMFERENTIAL HIGHWAY
VERMONT ROUTE 289 (F. A. P.)

BEGINNING AT A POINT APPROXIMATELY CENTER LINE OF MOUNTAIN VIEW ROAD INTERSECTING VERMONT ROUTE 289 AND EXTENDING SOUTHWESTERLY 1.325 MILES.

LENGTH OF R.O.W. PROJECT 6993.68 FEET = 1.325 MILE

R.O.W. PLANS



CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
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
OVERHEAD POWER LINE

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/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 1986, for use on these projects, including all subsequent provisions as are incoporated in these plans.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED _____ DATE _____
DIRECTOR OF ENGINEERING AND CONSTRUCTION

APPROVED _____ DATE _____
RIGHT OF WAY DIRECTOR

HNTB
HOWARD NEEDLES TAMMEN & BERGENDOFF

PROJECT	PROJECT NO.
WILLISTON - COLCHESTER	PB 033-1(1)

SHEET 1 OF 26 SHEETS

D-10

S.R.S. 12/17/70

TYPICAL SECTIONS

3" BITUMINOUS CONCRETE PAVEMENT - I 1/4" TYPE III WEARING COURSE, I 3/4" TYPE II BINDING COURSE
3" BITUMINOUS CONCRETE PAVEMENT, TYPE I - BASE COURSE I - 3" COURSE
36" SUBBASE OF DENSE GRADED CRUSHED STONE
SHOULDERS I 1/4" BITUMINOUS CONCRETE PAVEMENT EXCEPT WHERE FULL DEPTH OF PAVEMENT IS NOTED
12" SAND BORROW

SEEDING FORMULA, ITEM 651.15
RURAL AREAS

%WT.	lbs/A	NAME	PUR.%	GERM%
3.33	2	CROWN VETCH	97	75
50.00	30	CREEPING RED FESCUE	98	85
8.33	5	TIMOTHY	99	85
16.67	10	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	85
8.34	5	ALFALFA (VAR. SARANAC)	99	85
8.33	5	BIRDSFOOT TREFOIL (VAR. EMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE FROM ALL NOXIOUS WEED SEED.

HAY MULCH, ITEM 651.25, TO BE PLACED ON ALL EARTH SLOPES AT THE RATE OF TWO TONS PER ACRE, OR AS DIRECTED BY THE ENGINEER.

FERTILIZER, ITEM 651.18, SHALL BE MIXED AS FOLLOWS:

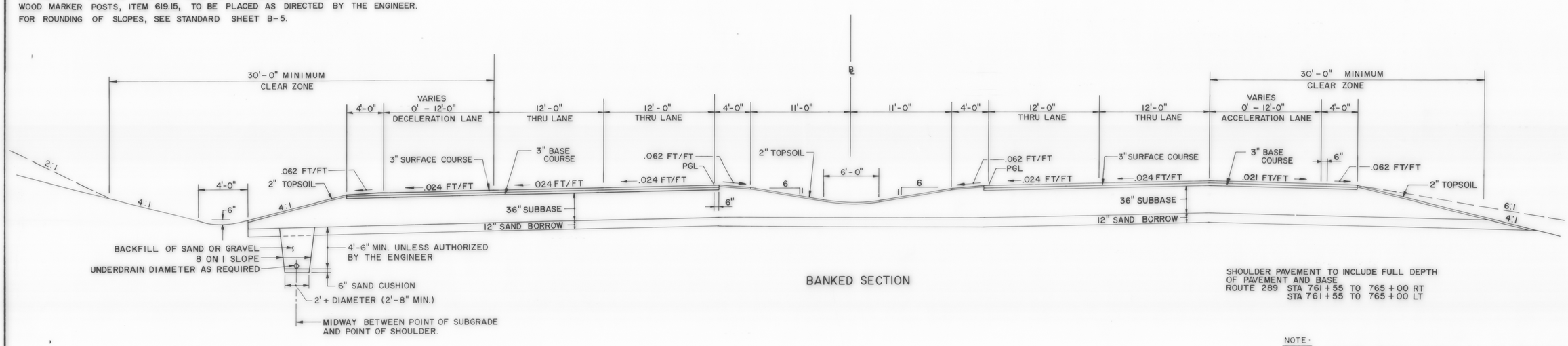
NITROGEN	10%
PHOSPHORUS	20%
POTASH	10%

FERTILIZER SHALL BE DELIVERED IN BAGS OF NOT TO EXCEED 100 LBS. EACH AND IS TO BE APPLIED AT THE RATE OF 500 LBS. PER ACRE OR AS DIRECTED BY THE ENGINEER.

AGRICULTURAL LIMESTONE, ITEM 651.20, TO BE APPLIED TO ALL SLOPES AT THE RATE OF TWO TONS PER ACRE OR AS DIRECTED BY THE ENGINEER.

WOOD MARKER POSTS, ITEM 619.15, TO BE PLACED AS DIRECTED BY THE ENGINEER.

FOR ROUNDING OF SLOPES, SEE STANDARD SHEET B-5.



BANKED SECTION

SHOULDER PAVEMENT TO INCLUDE FULL DEPTH OF PAVEMENT AND BASE
ROUTE 289 STA 761+55 TO 765+00 RT
STA 761+55 TO 765+00 LT

NOTE:
UNDERDRAIN SHOULD BE PROVIDED WHERE THE SAND BORROW IS IN A BOX CUT, OR AS DIRECTED BY THE ENGINEER.

NOTE:
WHEN EXISTING SUBGRADE MATERIAL IN A CUT MEETS OR EXCEEDS THE REQUIREMENTS FOR SAND BORROW, THE EXISTING MATERIAL SHALL REMAIN AND THE SAND BORROW SHALL BE ELIMINATED IN THAT AREA.

DATUM
VERTICAL _____
HORIZONTAL _____

R.O.W. PLANS

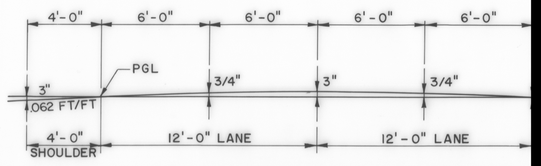
SURVEYED BY PINKHAM ENG DATE 7-87
DRAWN BY R.C.A. DATE 8-88
TRACED BY K.M.K. DATE 8/88

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON

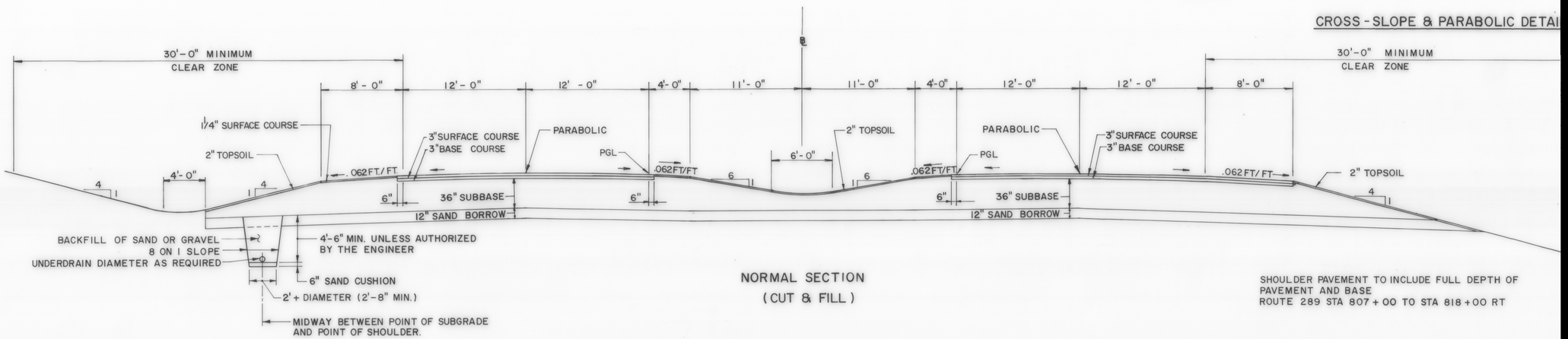
PROJ WILLISTON NO. PB 033-1(11)
COLCHESTER
SHEET 2 OF 26

TYPICAL SECTIONS

3" BITUMINOUS CONCRETE PAVEMENT - I 1/4" TYPE III WEARING COURSE, I 3/4" TYPE II BINDING COURSE
3" BITUMINOUS CONCRETE PAVEMENT, TYPE I - BASE COURSE I - 3" COURSE
36" SUBBASE OF DENSE GRADED CRUSHED STONE
SHOULDERS I 1/4" BITUMINOUS CONCRETE PAVEMENT EXCEPT WHERE FULL DEPTH OF PAVEMENT IS NOTED
12" SAND BORROW



CROSS-SLOPE & PARABOLIC DETAI

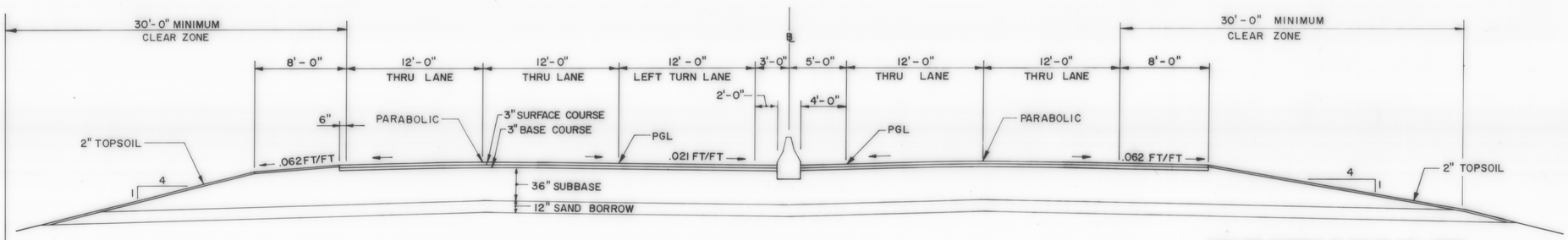


NORMAL SECTION
(CUT & FILL)

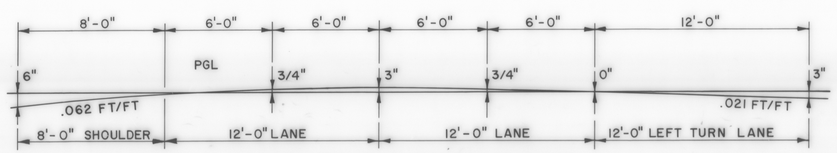
SHOULDER PAVEMENT TO INCLUDE FULL DEPTH OF PAVEMENT AND BASE
ROUTE 289 STA 807+00 TO STA 818+00 RT

NOTE:
UNDERDRAIN SHOULD BE PROVIDED WHERE THE SAND BORROW IS IN A BOX CUT, OR AS DIRECTED BY THE ENGINEER.

NOTE:
WHEN EXISTING SUBGRADE MATERIAL IN A CUT MEETS OR E
THE REQUIREMENTS FOR SAND BORROW, THE EXISTING MATE
SHALL REMAIN AND THE SAND BORROW SHALL BE ELIMINA
IN THAT AREA.



SHOULDER PAVEMENT TO INCLUDE FULL DEPTH OF PAVEMENT AND BASE
ROUTE 289 STA 818+00 TO STA 829+00 RT



CROSS-SLOPE & PARABOLIC DETAIL

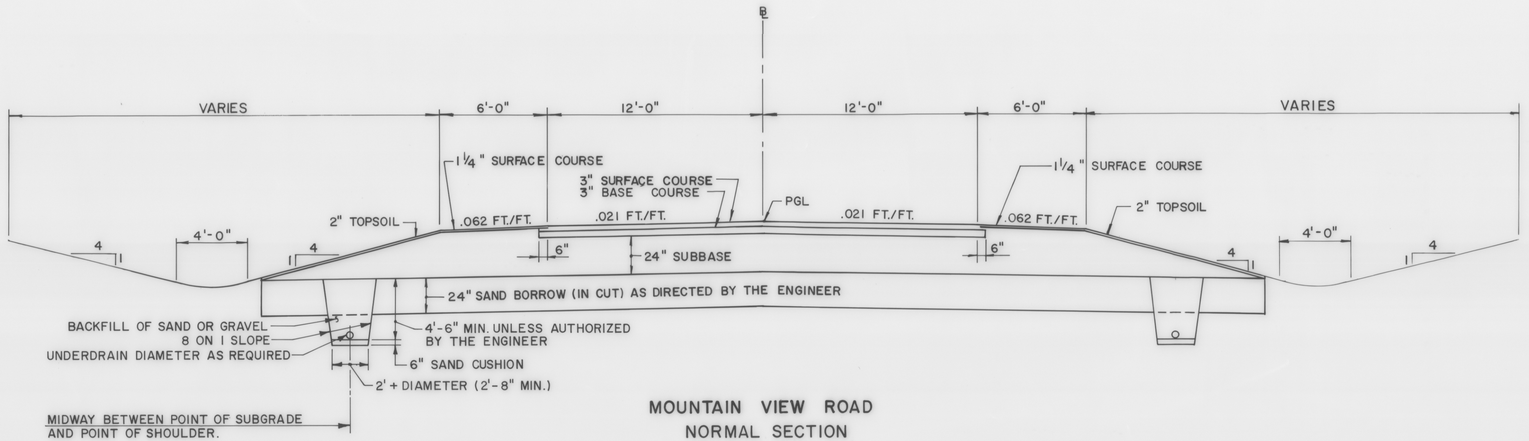
NORMAL SECTION

DATUM
VERTICAL _____
HORIZONTAL _____

R
SURVEYED BY PI
DRAWN BY
TRACED BY
VERMON
TOWN
PROJ. WILLISTON
COLCHESTE
SHEET 3

TYPICAL SECTIONS

3" BITUMINOUS CONCRETE PAVEMENT - 1 1/4" TYPE III WEARING COURSE, 1 3/4" TYPE II BINDING COURSE
3" BITUMINOUS CONCRETE PAVEMENT, TYPE I - BASE COURSE 1 TO 3" COURSES
24" SUBBASE OF DENSE GRADED CRUSHED STONE
SHOULDERS 1 1/4" BITUMINOUS CONCRETE PAVEMENT
0" TO 12" GRANULAR BORROW (IN FILLS)
0" TO 24" SAND BORROW (IN CUTS)
} AS DIRECTED BY THE ENGINEER



MOUNTAIN VIEW ROAD
NORMAL SECTION
SCALE: 1/4" = 1'-0"

NOTE:
UNDERDRAIN SHOULD BE PROVIDED WHERE THE SAND BORROW IS IN A BOX CUT, OR AS DIRECTED BY THE ENGINEER.

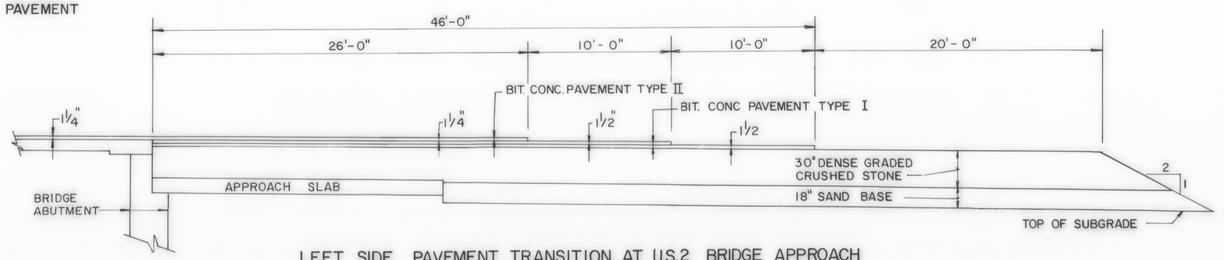
DATUM
VERTICAL _____
HORIZONTAL _____

R. O. W. PLANS

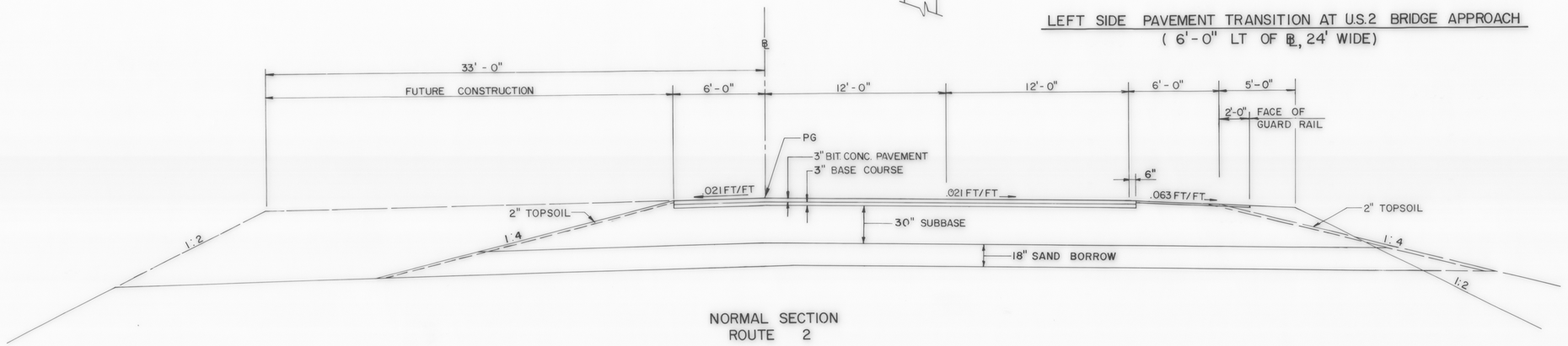
SURVEYED BY PINKHAM ENG. DATE 7/87
DRAWN BY R.C.A. DATE 12/88
TRACED BY L.S. DATE 12/88
VERMONT ROUTE 289(F.A.P.)
TOWN OF WILLISTON
PROJ. WILLISTON NO. PB 033-1(1)
COLCHESTER
SHEET 4 OF 26

TYPICAL SECTIONS

3" BITUMINOUS CONCRETE PAVEMENT - 1 1/4" TYPE III WEARING COURSE, 1 3/4" TYPE II BINDING COURSE
3" BITUMINOUS CONCRETE PAVEMENT, TYPE I - BASE COURSE 1 - 3" COURSE
30" SUBBASE OF DENSE GRADED CRUSHED STONE
SHOULDERS 1 1/4" BITUMINOUS CONCRETE PAVEMENT
18" SAND BORROW

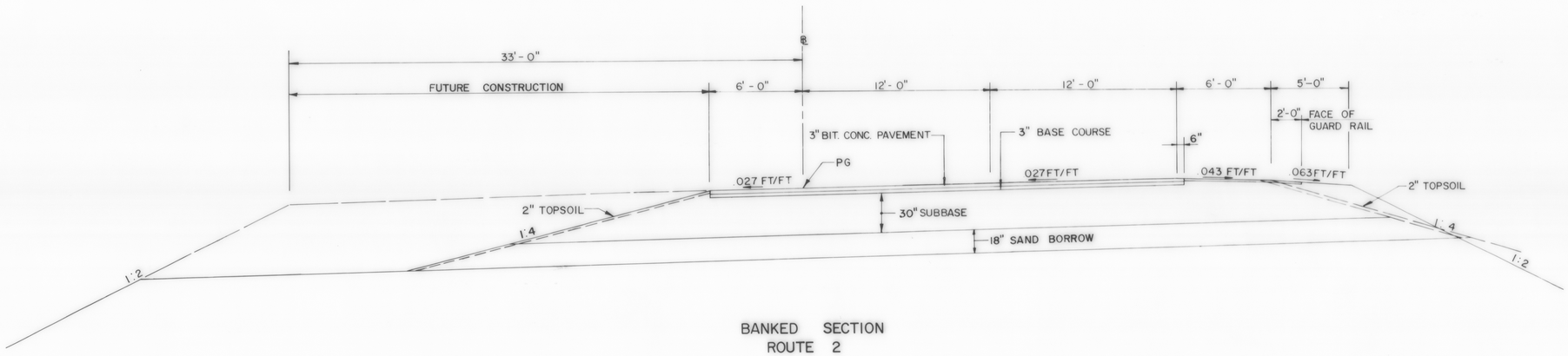


LEFT SIDE PAVEMENT TRANSITION AT U.S.2 BRIDGE APPROACH
(6'-0" LT OF ℄, 24' WIDE)



NORMAL SECTION
ROUTE 2

NOTE:
ELIMINATE TOPSOIL AND SEEDING BEHIND GUARD RAIL TO SUBGRADE CATCH POINT.



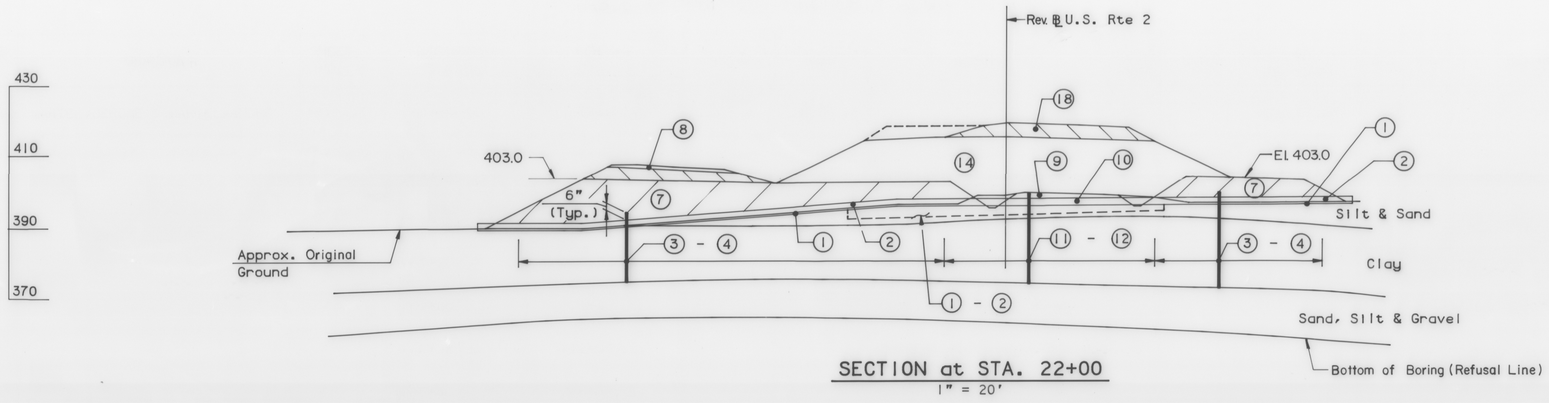
BANKED SECTION
ROUTE 2

DATUM
VERTICAL _____
HORIZONTAL _____

SCALE : 1/4 = 1'-0"

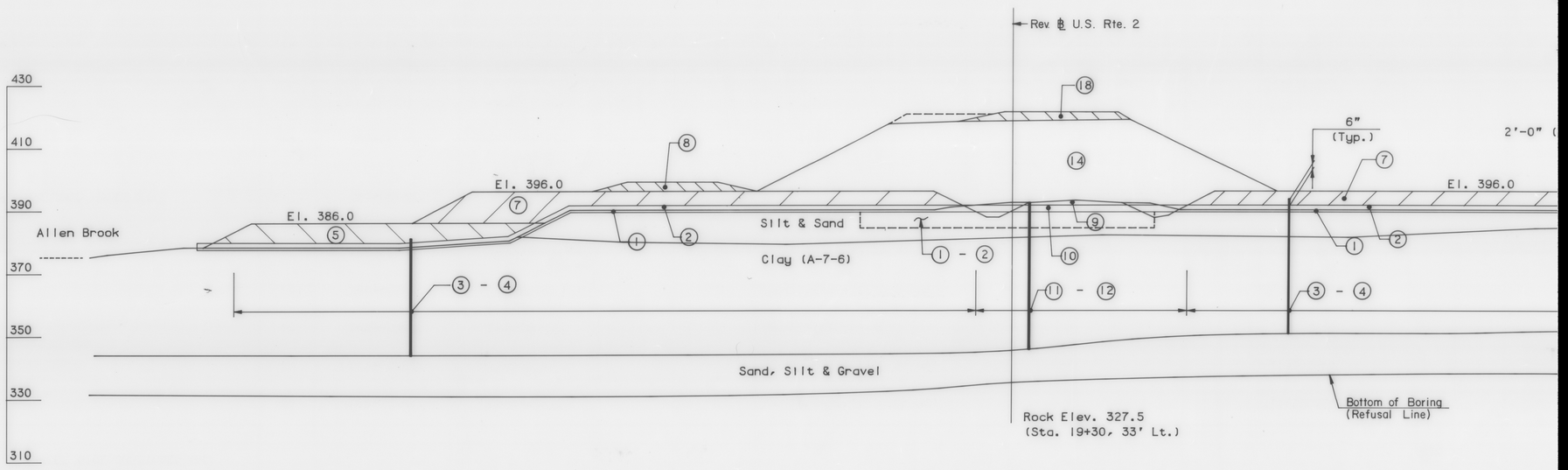
R.O.W. PLANS

SURVEYED BY PINKHAM ENG. DATE 7/87
DRAWN BY R.C.A. DATE 9/88
TRACED BY N.P.D. DATE 9/88
VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON
PROJ WILLISTON COLCHESTER NO. PB 033-1(1)
SHEET 5 OF 26



SECTION at STA. 22+00

1" = 20'



SECTION at STA. 18+50

1" = 20'

DATUM

VERTICAL

HORIZONTAL

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
0106A	MARTEL, JEROME & MARTEL, ANDRE	13, 14, 15, 16	761+31 RT.	796+84 LT.	7.62 A±	272.06 A±		WD		WILLISTON			
		13	763+13 LT.	765+50 LT.			CONST. EASE. (T) (0.04 A±)						(1800 SF±)
		13	763+40 LT.	764+50 LT.			DITCH (P) (0.01 A±)						(275 SF±)
		14	765+50 LT.	766+40 LT.			CONST. EASE. (T) (0.01 A±)						(350 SF±)
		14	769+00 LT.	772+40 LT.			CONST. EASE. (T) (0.06 A±)						(2625 SF±)
		14	770+20 LT.	772+05 LT.			SLOPE (T) (0.04 A±)						(1600 SF±)
		15	785+30 LT.	786+40 LT.			CONST. EASE. (T) (0.01 A±)						(625 SF±)
		15	788+95 LT.	791+65 LT.			CONST. EASE. (T) (0.03 A±)						(1125 SF±)
		15	792+15 LT.	792+85 LT.			CONST. EASE. (T) (0.01 A±)						(450 SF±)
0106B		13	MTN. VIEW ROAD 22+50 RT.	MOUNTAIN VIEW RD. 24+00 RT.	0.08 A±			WD		WILLISTON			
0106C		13	MTN. VIEW ROAD 22+50 ℄	MTN. VIEW ROAD 24+00 RT.	0.08 A±		ALL R., T. & I.						HWY. EASE. T.H. #9 NON-LIMITED ACCESS (3750 SF±)
0106D		13	761+06 RT.	MTN. VIEW ROAD 22+50 ℄	0.16 A±		ALL R., T. & I.						HWY. EASE. T.H. #9
				TOTAL	7.94 A±	272.06 A±							
0107A	BRENNAN, JAMES L.	13, 14, 15, 22	761+06 RT.	788+70 RT.	6.18 A±	226.82 A±		WD		WILLISTON			
		13	763+50 RT.	764+35 RT.			CONST. EASE. (T) (0.01 A±)						(400 SF±)
		14	766+30 RT.	770+45 RT.			CONST. EASE. (T) (0.04 A±)						(1775 SF±)
		14	768+90 RT.	769+10 RT.			SLOPE (T) (0.01 A±)						(145 SF±)
		14	777+50 RT.	778+50 RT.			CONST. EASE. (T) (0.01 A±)						(195 SF±)
		15	786+15 RT.	788+40 RT.			CONST. EASE. (T) (0.03 A±)						(1375 SF±)
	PARCEL 0107 CONTINUED ON FOLLOWING SHEET.												

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	12,20	PARCEL 0114: ADDED ELY DRIVE & CORRECT MILE POST DISTANCES PER C.O. 13	11/27/89	STE	
2	8,9,14, 15,16, 17	PARCEL 0109: CORRECT PROPERTY LINE, STA. 796 + 62, CORRECT AREA, PARCEL 0109A, PER C.O. No. 14	9/11/90	STE	

LEGEND

DR. RT. – DRAINAGE RIGHT
DIT. RT. – DITCHING RIGHT
CH. RT. – CHANNEL RIGHT
DRIVE RT. – DRIVE RIGHT
CUL. RT. – CULVERT RIGHT
(D) – DEMOLITION OR REMOVAL
(W) – WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINES
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

CONST. EASE. — CONST. EASEMENT
SR — SR — SLOPE RIGHTS
P — P / L — L — PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

MADE BY: DRO DATE 6/89
CHECKED BY: SLC DATE 6/89

APPROVED _____ DATE _____

PROJECT WILLISTON-COLCHESTER
NO. PB 033-1(1)
SHEET 7 OF 26

ROW

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
	PARCEL 0107 CONTINUED FROM PREVIOUS SHEET.												
0107B		13	MTN. VIEW ROAD 16+00 RT.	MTN. VIEW ROAD 18+50 RT.	0.26 A±			WD		WILLISTON			NON-LIMITED ACCESS
		13	MTN. VIEW ROAD 16+00 RT.	MTN. VIEW ROAD 16+50 RT.			CONST. EASE. (T) (0.01 A±)						(450 SF±)
0107C		13	MTN. VIEW ROAD 16+00 ℄	MTN. VIEW ROAD 18+50 ℄	0.14 A±		ALL R., T. & I.						HWY. EASE. T.H. #9 NON-LIMITED ACCESS
0107D		13	MTN. VIEW ROAD 18+50 ℄	761+31 RT.	0.07 A±		ALL R., T. & I.						HWY. EASE. T.H. #9 (3125 SF±)
0107E		22	MTN. VIEW ROAD 7+50 RT.	MTN. VIEW ROAD 10+00 RT.	0.14 A±		ALL R., T. & I.						HWY. EASE. T.H. #9 NON-LIMITED ACCESS
		22	MTN. VIEW ROAD 7+15 RT.	MTN. VIEW ROAD 10+35 RT.			CONST. EASE. (T) (0.07 A±)						(3295 SF±)
		22	MTN. VIEW ROAD 7+40 RT.	MTN. VIEW ROAD 10+15 RT.			SLOPE (T) (0.05 A±)						(2510 SF±)
0108	NOT USED			TOTAL	6.79 A±	226.82 A±							
0109A	WILLISTON LIMITED PARTNERSHIP	16, 17, 18, 20	796+62 LT.	RTE. 2 19+67 LT.	7.44 A±			WD		WILLISTON			
		16, 17, 18, 20	796+84 LT.	RTE. 2 24+43 LT.		177.44 A±							
		17	809+65 LT.	810+45 LT.			CONST. EASE. (T) (0.01 A±)						(250 SF±)
		17	819+60 LT.	820+70 LT.			CONST. EASE. (T) (0.01 A±)						(350 SF±)
		17, 18	821+85 LT.	822+80 LT.			CONST. EASE. (T) (0.02 A±)						(905 SF±)
		18	822+10 LT.	822+60 LT.			SLOPE (T) (0.01 A±)						(170 SF±)
0109B		18	RTE. 2 19+67 LT.	824+93 LT.	0.10 A±		ALL R., T. & I.						HWY. EASE. RTE. 2
0109C		18, 20	824+93 LT.	RTE. 2 24+48 RT.	0.26 A±		ALL R., T. & I.						HWY. EASE. RTE. 2 NON-LIMITED ACCESS
	PARCEL 0109 CONTINUED ON FOLLOWING SHEET.												

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

LEGEND

DR. RT. - DRAINAGE RIGHT
DIT. RT. - DITCHING RIGHT
CH. RT. - CHANNEL RIGHT
DRIVE RT. - DRIVE RIGHT
CUL. RT. - CULVERT RIGHT
(D) - DEMOLITION OR REMOVAL
(W) - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINES
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

CONST. EASE. — CONST. EASEMENT
SR — SLOPE RIGHTS
P — PROPERTY LINE
L — TOP OF CUT
TOE OF SLOPE

MADE BY: DRO DATE 6/89
CHECKED BY: SLC DATE 6/89

APPROVED _____ DATE _____

PROJECT WILLISTON-COLCHESTER
NO. PB 033-1(1)
SHEET 8 OF 26

ROW

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
	PARCEL 0109 CONTINUED FROM PREVIOUS SHEET.												
0109D		18,20	823+00 LT.	RTE. 2 24+46 LT.	0.99 A±								NON-LIMITED ACCESS
		20	RTE. 2 22+40 LT.	RTE. 2 23+70 LT.			CONST.EASE.(T)(0.01 A±)						(325 SF±)
0109E		20	RTE. 2 25+97 ℄	RTE. 2 26+47 ℄	0.04 A±		ALL R./T. & I.						HWY.EASE. RTE. 2 NON-LIMITED ACCESS (1650 SF±)
		20	RTE. 2 25+97 LT.	RTE. 2 26+47 LT.			CONST.EASE.(T)(0.01 A±)						(250 SF±)
				TOTAL	8.83 A±	177.44 A±							
0110A	STATE OF VERMONT	18,19	RTE. 2 16+62 LT.	RTE. 2 19+67 LT.	1.00 A±			WD	1/14/88	WILLISTON	82	283-284	(FORMERLY FLAGG)
		19	RTE. 2 17+60 LT.										WATERLINE, W-22
		19	RTE. 2 16+50 RT.	RTE. 2 17+40 LT.									UNDERGROUND POWER WIRES, D-18
		18	RTE. 2 19+50 LT.										700 GALLON STORAGE TANK & DRAIN PIPE, D-19
		19	RTE. 2 17+25 LT.	RTE. 2 18+45 LT.									BUILDING, D-20
		19	RTE. 2 17+25 LT.										40' BIT.CONC. DRIVE
		18,19	RTE. 2 18+55 LT.										40' BIT.CONC. DRIVE
0110B		18,19	RTE. 2 16+62 RT.	RTE. 2 19+67 RT.	0.23 A±		ALL R./T. & I.						HWY.EASE. RTE 2
0111A	BURNETT, WILLIAM S. & CARROLL, ELIZABETH B.	18	825+59 LT.	831+00 LT.	1.35 A±			WD		WILLISTON			SEE IR 089-2(12) FOR ADDITIONAL TAKINGS. (SEC.1-89,PARCEL 0117)
		18,20	RTE. 2 23+58 RT.	831+00 LT.		92.86 A±							REMAINDER AFTER TAKINGS OF CONTRACT IR 089-2(12) (SEC.1-89,PARCEL 0117)
0111B		18,20	825+59 LT.	RTE. 2 23+58 RT.	0.20 A±								NON-LIMITED ACCESS
		18,20	826+80 LT.	RTE. 2 22+05 RT.			UTILITY EASE.(P)(0.06 A±)						(2750 SF±)TAKEN ON BEHALF OF THE TOWN OF WILLISTON.
	PARCEL 0111 CONTINUED ON FOLLOWING SHEET.												

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

LEGEND

DR. RT. - DRAINAGE RIGHT
DIT. RT. - DITCHING RIGHT
CH. RT. - CHANNEL RIGHT
DRIVE RT. - DRIVE RIGHT
CUL. RT. - CULVERT RIGHT
(D) - DEMOLITION OR REMOVAL
[W] - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINES
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

CONST. EASE. CONST. EASEMENT
SR SR SLOPE RIGHTS
P P PROPERTY LINE
L L TOP OF CUT
TOE OF SLOPE

MADE BY: DRO DATE 6/89
CHECKED BY: SLC DATE 6/89

APPROVED _____ DATE _____

PROJECT WILLISTON-COLCHESTER
NO. PB 033-1(1)
SHEET 9 OF 26

ROW

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
	PARCEL 0111 CONTINUED FROM PREVIOUS SHEET.												
0111C		18,20	RTE. 2 21+07 RT.	RTE. 2 26+47 RT.	0.41 A±		ALL R.,T. & I.						HWY.EASE. RTE. 2 NON-LIMITED ACCESS
		20	RTE. 2 23+50 RT.	RTE. 2 26+47 RT.			CONST.EASE.(T)(0.06 A±)						(2725 SF±)
		20	RTE. 2 24+10 RT.	RTE. 2 26+25 RT.			SLOPE(T)(0.03 A±)						(1275 SF±)
		20	RTE. 2 23+70 RT.										WATERLINE, W-23
		20	RTE. 2 24+25 RT.				DRIVE RT.(T)						16' GRAVEL DRIVE **MP 0234**
0111D		18	825+31 ℄	RTE. 2 21+07 RT.	0.07 A±		ALL R., T. & I.						HWY. EASE. RTE. 2
				TOTAL	2.03 A±	92.86 A±							
0112A	TOWN OF WILLISTON	19	RTE. 2 13+95 RT.	RTE. 2 14+77 RT.	0.08 A±			WD		WILLISTON			(3840 SF±)
		19	RTE. 2 13+95 RT.	RTE. 2 14+72 RT.		0.37 A±							LOSS OF ACCESS
0112B		19	RTE. 2 13+98 RT.	RTE. 2 14+79 RT.	0.06 A±		ALL R.,T. & I.						HWY.EASE. RTE. 2 (2575 SF±)
0112C		19	RTE. 2 13+94 RT.	RTE. 2 14+72 RT.			UTILITY EASE.(P)(0.02 A±)						(880 SF±)
				TOTAL	0.14 A±	0.37 A±							
0113A	CSD,INC. TOM CARLSON,AGENT	15,16, 17,18, 19,21	788+66 LT.	RTE. 2 16+62 LT.	13.11 A±			WD		WILLISTON			SEE IR-089-2(12) FOR ADDITIONAL TAKINGS. (SEC.1-89,PARCEL 0116)
		15,16, 17,18, 19,21	788+70 RT.	RTE. 2 7+50 LT.		213.00 A±							REMAINDER AFTER TAKINGS OF CONTRACT IR 089-2(12). (SEC.1-89,PARCEL 0116)
		15	788+90 RT.	791+75 RT.			CONST.EASE.(T)(0.03 A±)						(1325 SF±)
		15	792+00 RT.	792+90 RT.			DIT. & DR. RT.(P)(0.40 A±)						
		15	794+40 RT.	797+70 RT.			CONST.EASE.(T)(0.03 A±)						(1345 SF±)
	PARCEL 0113 CONTINUED ON FOLLOWING SHEET.												

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PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINES
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

CONST. EASE. CONST. EASEMENT
SR SR SLOPE RIGHTS
P P PROPERTY LINE
L L TOP OF CUT
TOE OF SLOPE

MADE BY: DRO DATE 6/89
CHECKED BY: SLC DATE 6/89

APPROVED _____ DATE _____

PROJECT WILLISTON-COLCHESTER
NO. PB 033-1(1)
SHEET 10 OF 26

ROW

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
	PARCEL 0113 CONTINUED FROM PREVIOUS SHEET.												
0113B		18,19	RTE. 2 9+56 LT.	825+64 LT.	0.92 A±		ALL R.,T. & I.						HWY.EASE. RTE. 2
		19	RTE. 2 10+42 LT.										16' DIRT DRIVE MP 0208
0113C		19	RTE. 2 7+50 RT.	RTE. 2 13+98 RT.	0.53 A±								NON-LIMITED ACCESS
		19	RTE. 2 7+50 RT.	RTE. 2 8+60 RT.			CONST.EASE.(T)(0.01 A±)						(465 SF±)
		19	RTE. 2 10+80 RT.										16' DIRT DRIVE MP 0209
0113D		19	RTE. 2 7+50 LT.	RTE. 2 13+99 RT.	0.64 A±		ALL R.,T. & I.						HWY.EASE. RTE. 2 NON-LIMITED ACCESS
0113E		19	RTE. 2 7+50 LT.	RTE. 2 9+56 LT.	0.15 A±								NON-LIMITED ACCESS
		19	RTE. 2 7+50 LT.	RTE. 2 8+35 LT.			CONST.EASE.(T)(0.01 A±)						(300 SF±)
	PARCEL 0113 CONTINUED ON FOLLOWING SHEET.												

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CH. RT. - CHANNEL RIGHT
DRIVE RT. - DRIVE RIGHT
CUL. RT. - CULVERT RIGHT
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PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINES
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

CONST. EASE. CONST. EASEMENT
SR SR SLOPE RIGHTS
P L PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

MADE BY: DRO DATE 6/89
CHECKED BY: SLC DATE 6/89

APPROVED _____ DATE _____

PROJECT WILLISTON-COLCHESTER
NO. PB 033-1(1)
SHEET 11 OF 26

ROW

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
	PARCEL 0113 CONTINUED FROM PREVIOUS SHEET												
0113F		18,19	RTE. 2 14+72 RT.	831+00 RT.	2.34 A±								
		18	RTE. 2 15+25 RT.	RTE. 2 15+85 RT.			CONST.EASE.(T)(0.05 A±)						(2150 SF ±)
		18	827+90 RT.	829+15 RT.			CONST.EASE.(T)(0.01 A±)						(390 SF±)
		18	830+15 RT.	830+80 RT.			CONST.EASE.(T)(0.01 A±)						(650 SF±)
		18	830+35 RT.	830+65 RT.			SLOPE(T)(0.01 A±)						(180 SF±)
		18	RTE. 2 15+40 RT.	RTE. 2 15+85 RT.									2 STORY, WOOD FRAME HOUSE, D-21
0113G		19	RTE. 2 10+70 RT.	RTE. 2 13+94 RT.			UTILITY EASE.(P)(0.13 A±)						TAKEN ON BEHALF OF THE TOWN OF WILLISTON.
0113H		18,19	RTE. 2 14+72 RT.	827+35 RT.			UTILITY EASE.(P)(0.09 A±)						(3865 SF±) TAKEN ON BEHALF OF THE TOWN OF WILLISTON.
				TOTAL	17.69 A±	213.00 A±							
0114	ELY, RAMON R.,J. RODNEY, & CARLA D.	20	RTE. 2 24+46 LT.	RTE. 2 25+97 LT.	0.11 A±	1.14 A±	ALL R.,T. & I.	WD		WILLISTON			HWY.EASE. RTE. 2 NON-LIMITED ACCESS
			RTE. 2 24+44 LT.	RTE. 2 25+97 LT.			CONST. EASE.(T)(0.02 A±)						(925 SF±)
			RTE. 2 24+44 LT.	RTE. 2 25+97 LT.			DETOUR EASE.(T)(0.06 A±)						(2500 SF±)
			RTE. 2 24+77 LT.				DRIVE RT.(T)						16' GRAVEL DRIVE MP 0235
0121 F	TOWN OF WILLISTON	18,19 20,22											UTILITY
0122A	NEW ENGLAND TELEPHONE AND TELEGRAPH	13,18,19 20,22											UTILITY
0123A	GREEN MOUNTAIN POWER	13,18,19 20,22											UTILITY
0124	ADELPHIA CABLE COMMUNICATIONS	18,19,20											UTILITY

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CH. RT. - CHANNEL RIGHT
DRIVE RT. - DRIVE RIGHT
CUL. RT. - CULVERT RIGHT
(D) - DEMOLITION OR REMOVAL
(W) - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINES
TAKING WITH ACCESS
PERMANENT EASEMENT (P)
TEMPORARY EASEMENT (T)

CONST. EASE. — CONST. EASEMENT
SR SR — SLOPE RIGHTS
P P / L L — PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

MADE BY: DRO DATE 6/89
CHECKED BY: SLC DATE 6/89

APPROVED _____ DATE _____

PROJECT WILLISTON-COLCHESTER
NO. PB 033-1(1)
SHEET 12 OF 26

ROW

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
	RELINQUISHMENT NO. 1		MTN. VIEW RD. 16+00 ℄	MTN. VIEW RD. 18+50 ℄									MOUNTAIN VIEW ROAD
	RELINQUISHMENT NO. 2		MTN. VIEW RD. 22+50 ℄	MTN. VIEW RD. 24+00 ℄									MOUNTAIN VIEW ROAD
	RELINQUISHMENT NO. 3		MTN. VIEW RD. 7+50 ℄	MTN. VIEW RD. 10+00 ℄									MOUNTAIN VIEW ROAD

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

MADE BY:_____ DATE_____

CHECKED BY:_____ DATE_____

DR. RT. — DRAINAGE RIGHT
DIT. RT. — DITCHING RIGHT
CH. RT. — CHANNEL RIGHT
DRIVE RT. — DRIVE RIGHT
CUL. RT. — CULVERT RIGHT
(D) — DEMOLITION OR REMOVAL
[W] — WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINES
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND

CONST. EASE — CONS'T. EASEMENT
SR — SR — SLOPE RIGHTS
P/L — P/L — PROPERTY LINE
△ — △ — △ — TOP OF CUT
○ — ○ — ○ — TOE OF SLOPE

APPROVED_____DATE_____
CHIEF OF PLANS & TITLES

PROJECT WILLISTON-COLCHESTER
NO. PB 033-1(1)
SHEET 12A OF 26

ROW

BRUNING 44-131 60671

N715,250

N714,750

E346,750

E346,500

E346,250

E346,000

VT. PLANE GRID

4' HIGH WOVEN WIRE FENCE

RTE 289 STA 761+55, 60' LT – STA 761+85, 145' LT
RTE 289 STA 761+85, 145' LT – STA 765+50, 90' LT
RTE 289 STA 761+55, 60' RT – STA 761+75, 155' RT
RTE 289 STA 761+75, 155' RT – STA 763+50, 110' RT
RTE 289 STA 763+50, 110' RT – STA 765+50, 100' RT

Woods

STA 24+00
END CONSTRUCTION

010 6C

010 6B

END RELINQUISHMENT NO. II
MOUNTAIN VIEW ROAD 24+00 ℄

STEEL BEAM GUARD RAIL W/ WOOD POSTS
RTE 289 STA 759+58, LT – STA 760+47, LT MEDIAN
RTE 289 STA 759+58, RT – STA 760+09, RT MEDIAN
RTE 289 STA 762+41, LT – STA 763+50, LT
RTE 289 STA 762+07, LT – STA 763+53, LT MEDIAN
RTE 289 STA 761+69, RT – STA 762+55, RT MEDIAN
RTE 289 STA 762+00, RT – STA 764+00, RT

GUARD RAIL APPROACH SECTION, TYPE I
RTE 289 STA 759+74, RT
RTE 289 STA 760+09, RT MEDIAN
RTE 289 STA 761+58, LT MEDIAN
RTE 289 STA 761+86, LT

MOUNTAIN VIEW ROAD
MARTEL, JEROME
MARTEL, ANDRE
24+00
25' RT.

END MAINTENANCE AGREEMENT AREA NO. I
BEGIN RELINQUISHMENT NO. II
MOUNTAIN VIEW ROAD 22+50 ℄

GUARD RAIL APPROACH SECTION, TYPE II
RTE 289 STA 760+21, LT
RTE 289 STA 760+47, LT MEDIAN
RTE 289 STA 761+57, RT MEDIAN
RTE 289 STA 761+88, RT

STA 21+50 RT TO STA 21+50 LT
NEW 18" x 28' RCP CLASS III FLARED SECTION AT INLET AND HEADWALL AT OUTLET

BEGIN LIMITED ACCESS
MOUNTAIN VIEW ROAD
STA. 22+50 25' RT.

CURVE #9 DATA RTE 289
D = 1°08'45.30"
R = 5000'
Δ = 26°00'09.54"
L = 2269.16
T = 1154.46
E = 131.53

GUARD RAIL APPROACH SECTION TYPE II (SEE STD. SB-R48-82)

STA 761+85 LT TO STA 761+70 LT
NEW 18" x 36' OPTION PIPE W/ 2-18" OPTION ELBOWS

GUARD RAIL APPROACH SECTION TYPE I (SEE STD. SB-R48-82)

MOUNTAIN VIEW ROAD
22+50
70' RT.

STA 761+80 ℄ TO STA 761+85 LT
NEW 18" x 54' OPTION PIPE

STA 765+00 ℄ TO STA 765+00 LT
NEW 18" x 92' OPTION PIPE

STA 761+70 LT TO STA 765+50 LT
CONSTRUCT 2' WIDE SPECIAL DITCH W/ TYPE I STONE FILL

MOUNTAIN VIEW ROAD
24+50
70' RT.

010 6D

VERMONT ELECTRIC POWER CO., INC. (VELCO)

STA 760+25 LT TO STA 760+25 LT
NEW 18" x 40' OPTION PIPE W/ 3'x6' FLOW PAD AND TYPE I STONE FILL AND 2-18" OPTION ELBOWS

STA 760+25 LT TO STA 760+35
NEW 18" x 54' OPTION PIPE

END ROW PROJECT
PB 033-1(1) SECTION 1A
STA. 761+06.32 ℄

BEGIN ROW PROJECT
PB 033-1(1) SECTION 1B
STA. 761+06.32 ℄

BEGIN MAINTENANCE AGREEMENT AREA NO. I
END RELINQUISHMENT NO. I
MOUNTAIN VIEW ROAD 18+50 ℄

STA 760+57.57
MOUNTAIN VIEW ROAD
BEGIN BRIDGE

GUARD RAIL APPROACH SECTION TYPE I (SEE STD. SB-R48-82)

BEGIN RELINQUISHMENT NO. I
MOUNTAIN VIEW ROAD 16+00 (250')

B.M.
STA 16+70, 23' LT. MT. VIEW
HYDRANT 119 MUELLER
CONST BOLT
489.53

VERMONT ELECTRIC POWER CO., INC. (VELCO)

VELCO
MARTEL
TOWN HIGHWAY #9
MOUNTAIN VIEW ROAD
BRENNAN
EXISTING ROW LIMIT
EXIST. ROW LIMIT
ROW FENCE
Stone Lined Ditch
Wire Fence
12" DTCL CL 52 W
48" STORM
60" CSP
CMP #25
CMP #30
CMP #29
MB-1
MB-14
MB-15
MB-19
MB-20
86-HB-27 F
12" DTCL CL 52 W

363'
100'
45'
157'
150'
278'
275'
200'
250'
125'
122'
(601')

765+50
90'
BREAKAWAY CABLE TERMINAL FOR STEEL BEAM GUARD RAIL W/WOOD POSTS (SEE STD G-14)
CONST. EASE. (T)
DIT. (P)
MATCH LINE
EDGE OF SHOULDER
EDGE OF RAIL
2,738
763
764
765
762
757
758
759
760
4'
8'
12'
18'
25'

010 5

BEGIN FLARE
STA 763+37.5
MARTEL, JEROME
MARTEL, ANDRE

010 7A

EDGE OF RAIL
EDGE OF SHOULDER
BRENNAN, JAMES L.
761+31
26' RT.
761+06
30' RT.
CONST. EASE (T)
204'
ANCHOR 765+65 STEEL BEAM GUARD RAIL W/WOOD POSTS (SEE STD G-ID)
100' RT.

010 7D

010 7B

010 7C

763+80
111' LT.

* CORNER BRACE SHALL BE INSTALLED AND CONNECTED AT INTERSECTIONS BETWEEN EXISTING FENCE AND R.O.W FENCE.

763+50
110' RT.

GUARD RAIL APPROACH SECTION TYPE II (SEE STD. SB-R48-82)

MOUNTAIN VIEW ROAD
18+50
761+55.07
END BRIDGE
BEGIN ROADWAY

END LIMITED ACCESS
MOUNTAIN VIEW ROAD
STA. 18+50 25' RT.

REMOVE EXISTING FENCE
RTE 289 STA 762+00, 3' RT TO STA 765+50, 2' LT
RTE 289 STA 763+80, 2' LT TO STA 763+80, 111' LT

BRENNAN, JAMES L.

TREATED TIMBER CURB
RTE 289 STA 760+00, LT TO STA 760+33, LT
RTE 289 STA. 761+86, LT. TO STA 763+38, LT

MOUNTAIN VIEW ROAD
16+50
75' RT.

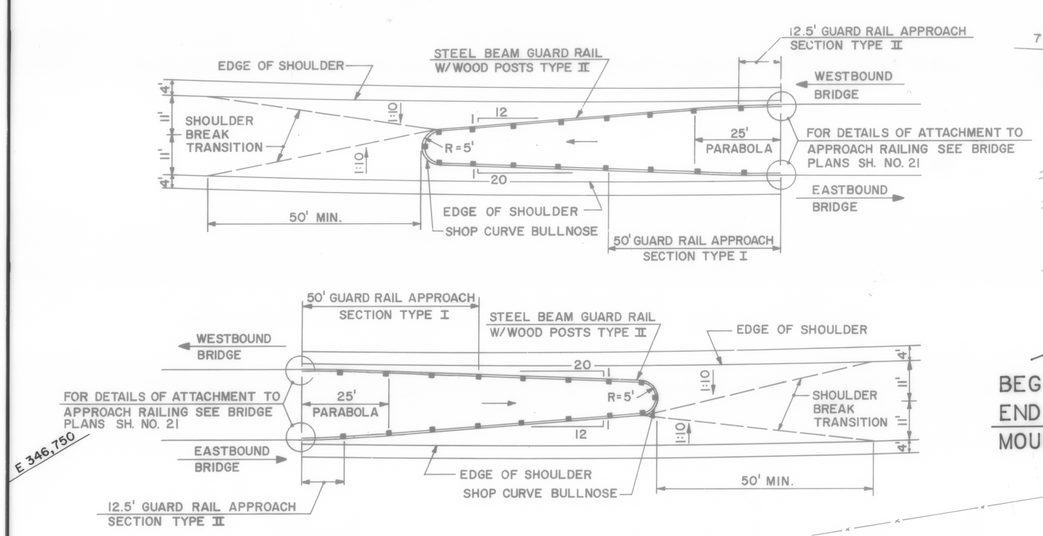
MOUNTAIN VIEW ROAD
STA 16+00
BEGIN CONSTRUCTION
16+00
25' RT.

71'
CONST EASEMENT

EXIST. ROW LIMIT

TYPICAL BULLNOSE GUARD RAIL TREATMENT AT MOUNTAIN VIEW ROAD BRIDGE

NOT TO SCALE



DATUM
VERTICAL _____
HORIZONTAL _____

R.O.W. PLANS

SURVEYED BY PINKHAM ENG. DATE 8-87
DRAWN BY D.R.O. DATE 6-89
TRACED BY J.B.C./C.S.L. DATE 6-89

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON

PROJ. WILLISTON COLCHESTER NO. PB 033-1(1)
SHEET 13 OF 26

N714,250

E 346,500

N713,750

N713,250

E 346,000

VT. PLANE GRID

E 346,500

4' HIGH WOVEN WIRE FENCE
RTE 289 STA 765+50, 90' LT – STA 779+00, 90' LT
RTE 289 STA 765+50, 100' RT – STA 779+00, 100' RT

MARTEL, JEROME
MARTEL, ANDRE

STA 769+50 LT TO STA 773+00 LT
NEW 6" x 330' UNDERDRAIN
W/6" x 20' CARRIER PIPE W/CAP END

STA 775+50 LT TO STA 779+00 LT
NEW 6" x 350' UNDERDRAIN
W/CAP END

765+50
90' LT.

STA 768+00 ℄ TO STA 771+00 ℄
NEW 18"X 300' RCP CLASS III

STA 771+00 ℄ TO STA 774+00 ℄
NEW 18"X 300' RCP CLASS III

CONST. EASE. (T)

SR. (T)

3108'

010
6A

MARTEL, JEROME
MARTEL, ANDRE

VERMONT ROUTE 289

STA 765+50

STA 779+00

MATCH LINE

766 767 768 769 770 771 772 773 774 775 776 777 778

86-AB-7 86-AB-4 86-AB-1 86-HB-31F 86-HB-32F

86-HB-28C 86-AB-3 86-AB-2 86-HB-29C 86-AB-5 86-AB-6 86-HB-30C

S22°-(2,738')

MARTEL
BRENNAN

010
7A

BRENNAN, JAMES L.

CONST. EASE. (T)

SR. (T)

CONST. EASE. (T)

2322'

CONST. EASE. (T)

STA 766+00 RT TO STA 772+50 RT
NEW 6" x 630' UNDERDRAIN
W/6" x 20' CARRIER PIPE W/CAP END

765+50
100' RT.

Woods

STA 774+00 ℄ TO STA 774+00 RT
NEW 18" x 78' OPTION PIPE W/3' x 8'
FLOW PAD W/TYPE I STONE FILL

STA 777+00 ℄ TO STA 777+00 RT
NEW 18" x 80' OPTION PIPE W/3' x 9'
FLOW PAD W/TYPE I STONE FILL

STA 774+00 RT TO STA 779+00 RT
CONSTRUCT 4' WIDE SPECIAL DITCH

E 345,500

REMOVAL OF EXISTING FENCE
RTE 289 STA 765+50, 2' LT TO STA 779+00, 7' RT
RTE 289 STA 770+85, 2' RT TO STA 770+85, 177' RT
RTE 289 STA 776+89, 4' RT TO STA 776+89, 177' RT

BRENNAN, JAMES L.

N713,250

E 346,250

N714,250

E 345,500

N713,750

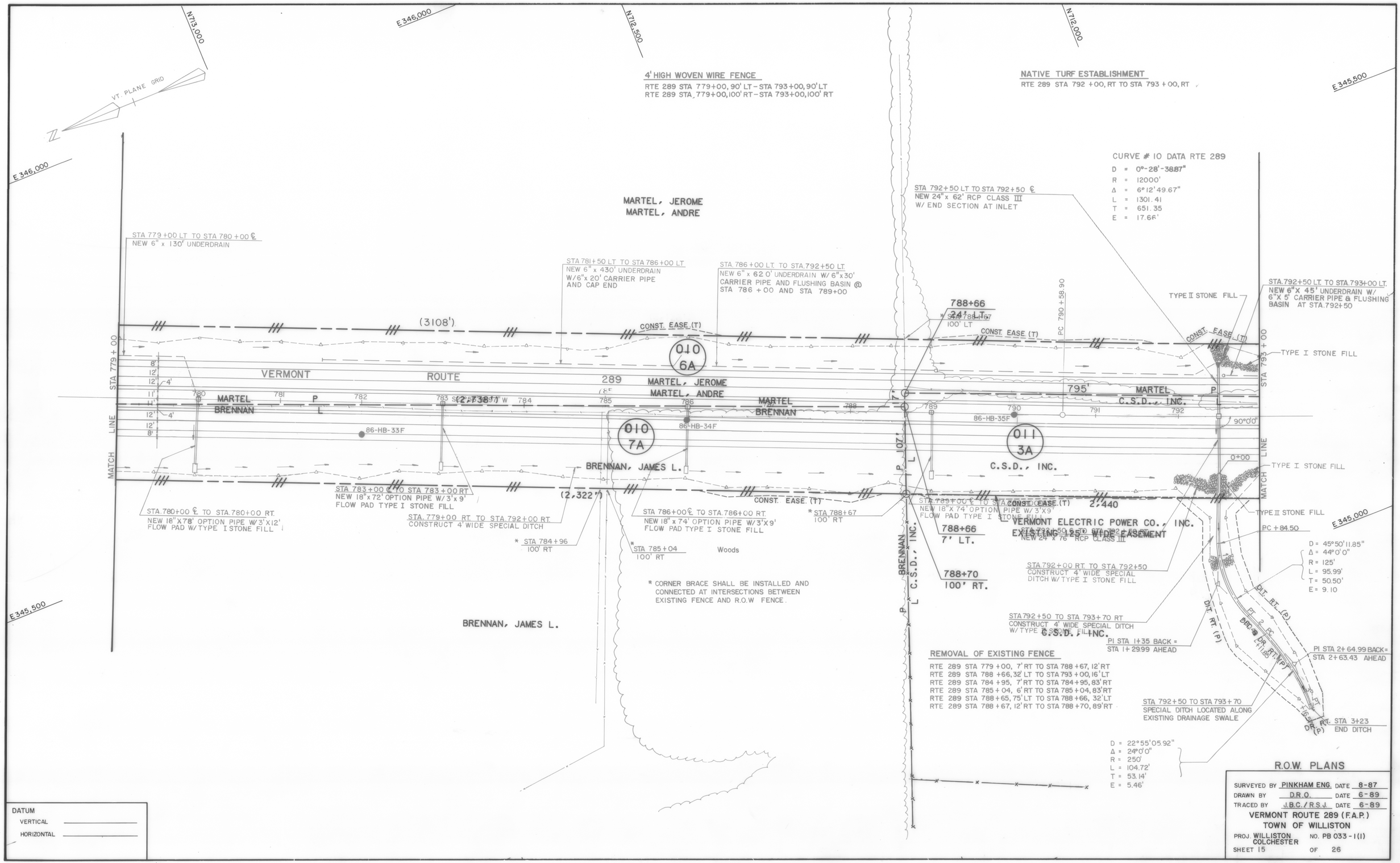
DATUM
VERTICAL _____
HORIZONTAL _____

R. O. W. PLANS

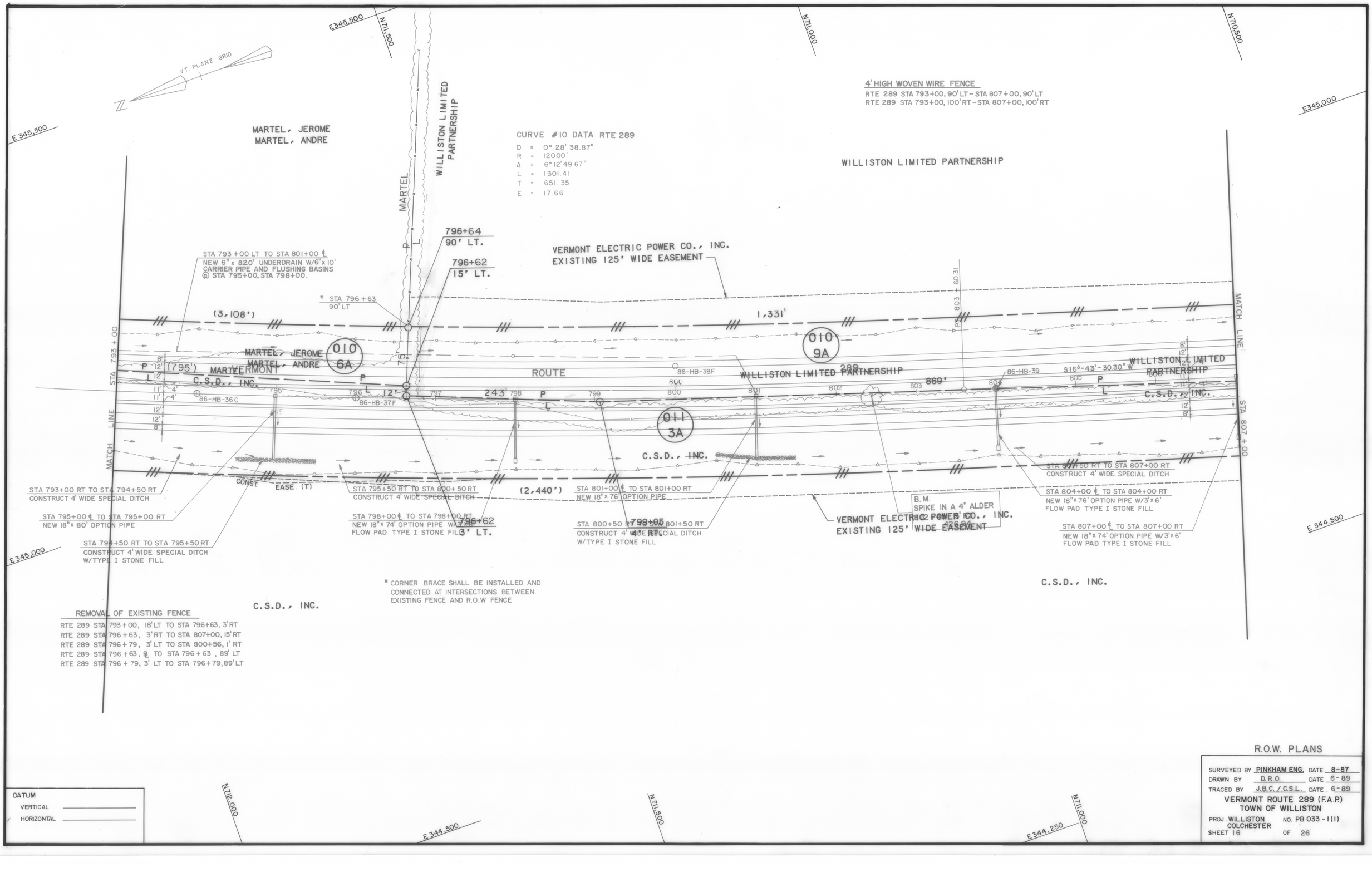
SURVEYED BY PINKHAM ENG. DATE 8-87
DRAWN BY D.R.O. DATE 6-89
TRACED BY J.B.C./R.S.J. DATE 6-89

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON

PROJ. WILLISTON NO. PB 033-1(1)
COLCHESTER
SHEET 14 OF 26



N713,000
E346,000
N712,500
N712,000
E345,500
E345,000
VT. PLANE GRID
4' HIGH WOVEN WIRE FENCE
RTE 289 STA 779+00, 90' LT - STA 793+00, 90' LT
RTE 289 STA 779+00, 100' RT - STA 793+00, 100' RT
NATIVE TURF ESTABLISHMENT
RTE 289 STA 792 +00, RT TO STA 793 +00, RT
CURVE # 10 DATA RTE 289
D = 0°-28'-38.87"
R = 12000'
Δ = 6°12'49.67"
L = 1301.41
T = 651.35
E = 17.66'
MARTEL, JEROME
MARTEL, ANDRE
STA 779+00 LT TO STA 780+00 ℄
NEW 6" x 130' UNDERDRAIN
STA 781+50 LT TO STA 786+00 LT
NEW 6" x 430' UNDERDRAIN
W/6"x 20' CARRIER PIPE
AND CAP END
STA 786+00 LT. TO STA.792+50 LT.
NEW 6" x 620' UNDERDRAIN W/ 6"x30'
CARRIER PIPE AND FLUSHING BASIN @
STA 786 + 00 AND STA 789+00
STA 792+50 LT TO STA 792+50 ℄
NEW 24" x 62' RCP CLASS III
W/ END SECTION AT INLET
STA.792+50 LT. TO STA.793+00 LT.
NEW 6"X 45' UNDERDRAIN W/
6"X 5' CARRIER PIPE & FLUSHING
BASIN AT STA.792+50
TYPE II STONE FILL
TYPE I STONE FILL
788+66
24' LT.
100' LT
PC 790+58.90
(3108')
CONST. EASE (T)
010
6A
VERMONT
ROUTE
289
MARTEL, JEROME
MARTEL, ANDRE
795'
MARTEL
C.S.D., INC.
MARTEL
BRENNAN
(2,738')
86-HB-33F
86-HB-34F
86-HB-35F
010
7A
011
3A
90°0'0"
0+00
BRENNAN, JAMES L.
C.S.D., INC.
STA 779+00
STA 793+00
MATCH LINE
STA 783+00 ℄ TO STA 783+00 RT
NEW 18"x72' OPTION PIPE W/3'x9'
FLOW PAD TYPE I STONE FILL
(2,322')
STA.780+00 ℄ TO STA.780+00 RT.
NEW 18"X78' OPTION PIPE W/3'X12'
FLOW PAD W/TYPE I STONE FILL
STA.779+00 RT. TO STA.792+00 RT.
CONSTRUCT 4' WIDE SPECIAL DITCH
* STA 784+96
100' RT
STA 786+00 ℄ TO STA.786+00 RT.
NEW 18" x 74' OPTION PIPE W/3'X9'
FLOW PAD TYPE I STONE FILL
* STA 785+04
100' RT
Woods
* STA 788+67
100' RT
STA 789+00 ℄ TO STA.789+00 RT.
NEW 18"X 74' OPTION PIPE W/ 3'X9'
FLOW PAD TYPE I STONE FILL
CONST. EASE (T)
2,440
VERMONT ELECTRIC POWER CO., INC.
EXISTING 125' WIDE EASEMENT
NEW 24" x 76' RCP CLASS III
788+66
7' LT.
788+70
100' RT.
BRENNAN
C.S.D., INC.
PC + 84.50
D = 45°50'11.85"
Δ = 44°0'0"
R = 125'
L = 95.99'
T = 50.50'
E = 9.10
STA.792+00 RT. TO STA.792+50
CONSTRUCT 4' WIDE SPECIAL
DITCH W/TYPE I STONE FILL
STA 792+50 TO STA 793+70 RT
CONSTRUCT 4' WIDE SPECIAL DITCH
W/TYPE I STONE FILL
C.S.D., INC.
PI STA 1+35 BACK =
STA 1+29.99 AHEAD
PI STA 2+64.99 BACK =
STA 2+63.43 AHEAD
DIT. RT. (P)
STA 792+50 TO STA 793+70
SPECIAL DITCH LOCATED ALONG
EXISTING DRAINAGE SWALE
STA 3+23
END DITCH
D = 22°55'05.92"
Δ = 24°0'0"
R = 250'
L = 104.72'
T = 53.14'
E = 5.46'
* CORNER BRACE SHALL BE INSTALLED AND
CONNECTED AT INTERSECTIONS BETWEEN
EXISTING FENCE AND R.O.W FENCE.
BRENNAN, JAMES L.
REMOVAL OF EXISTING FENCE
RTE 289 STA 779+00, 7' RT TO STA 788+67, 12' RT
RTE 289 STA 788+66, 32' LT TO STA 793+00, 16' LT
RTE 289 STA 784+95, 7' RT TO STA 784+95, 83' RT
RTE 289 STA 785+04, 6' RT TO STA 785+04, 83' RT
RTE 289 STA 788+65, 75' LT TO STA 788+66, 32' LT
RTE 289 STA 788+67, 12' RT TO STA 788+70, 89' RT
DATUM
VERTICAL
HORIZONTAL
R.O.W. PLANS
SURVEYED BY PINKHAM ENG. DATE 8-87
DRAWN BY D.R.O. DATE 6-89
TRACED BY J.B.C./R.S.J. DATE 6-89
VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON
PROJ. WILLISTON COLCHESTER NO. PB 033-1(1)
SHEET 15 OF 26



R.O.W. PLANS

SURVEYED BY PINKHAM ENG. DATE 8-87
DRAWN BY D.R.O. DATE 6-89
TRACED BY J.B.C. / C.S.L. DATE 6-89

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON

PROJ. WILLISTON
COLCHESTER
NO. PB 033-1(1)

SHEET 16 OF 26

N710,500 E345,000 N710,000 E345,000 N709,500

REMOVAL OF EXISTING FENCE
RTE 289 STA 807+00, 5' RT TO STA 816+00, 4' RT
RTE 289 STA 807+00, 15' RT TO STA 816+00, 23' RT
RTE 289 STA 813+53, 95' RT TO STA 813+58, 22' RT

STEEL BEAM GUARD RAIL W/WOOD POSTS
RTE 289 STA 820+25, LT TO STA 820+74, LT
RTE 289 STA 820+50, RT TO STA 820+82, RT
RTE 289 STA 821+64, LT TO STA 822+00, LT
RTE 289 STA 821+73, RT TO STA 822+00, RT

GUARD RAIL APPROACH SECTION, TYPE I
RTE 289 STA 820+82, RT
RTE 289 STA 821+15, LT

GUARD RAIL APPROACH SECTION, TYPE II
RTE 289 STA 820+74, LT
RTE 289 STA 821+60, RT

VT. PLANE GRID

CONCRETE MEDIAN BARRIER
RTE 289 STA 818+75 TO STA 821+05
RTE 289 STA 821+40 TO STA 822+00

NATIVE TURF ESTABLISHMENT
RTE 289 STA 819+00, LT TO STA 821+40, LT
RTE 289 STA 821+25, RT TO STA 822+00, RT

4' HIGH WOVEN WIRE FENCE
RTE 289 STA 807+00, 90' LT - STA 810+00, 90' LT
RTE 289 STA 810+00, 90' LT - STA 819+50, 155' LT
RTE 289 STA 819+50, 155' LT - STA 821+00, 155' LT
RTE 289 STA 821+00, 155' LT - STA 822+00, 100' LT
RTE 289 STA 807+00, 100' RT - STA 813+00, 100' RT
RTE 289 STA 813+00, 100' RT - STA 818+67, 110' RT
RTE 289 STA 818+67, 110' RT - STA 820+40, 290' RT
RTE 289 STA 813+57, 280' RT - STA 822+00, 280' RT

WILLISTON LIMITED PARTNERSHIP

STA 810+00 ℄ TO STA 810+00 LT.
NEW 18"x 74' RCP CLASS III

810+00
90' LT.

STA 809+50 LT TO 816+00 LT
CONSTRUCT 2' WIDE SPECIAL DITCH
2:1 S.S MINIMUM 2' DEEP W/TYPE I
STONE FILL

VERMONT ELECTRIC POWER CO., INC
EXISTING 125' WIDE EASEMENT

STA 808+50 LT TO STA 810+00 LT.
NEW 6" x 155' UNDERDRAIN W/ CAP END

STA 813+00 ℄ STA 813+00 LT
NEW 18"x 80' OPTION PIPE

STA 816+00 ℄ TO 816+00 LT
NEW 18"x 84' OPTION PIPE W/
2-18" OPTION ELBOWS AND
2' COUPLING BANDS

STA 817+50 ℄ TO STA 817+50 LT
NEW 18"x 88' OPTION PIPE

817+37
8' RT.

952'

(1331')

CONST. EASE (T)

STA 819+50 ROUTE 289 =
STA 3+10.00 ALLEN BROOK
TEMPORARY CHANNEL RELOCATED

EDGE OF RAIL

GUARD RAIL APPROACH SECTION TYPE II (SEE STD. SB-R4B-82)
ANCHOR FOR STEEL BEAM GUARD RAIL (SEE STD. G-ID)
* STA 817+50
140 LT

TEMPORARY ALLEN BROOK CHANNEL RELOCATION SEE CROSS SECTIONS AND CONSTRUCTION PROCEDURE NOTES BELOW

CONST EASE (T)
150'

STA 821+44 ℄ TO STA 822+00 ℄
NEW 18" x 56' OPTION PIPE

STA 821+44 ℄ TO STA 821+44 LT
NEW 18" x 72' OPTION PIPE

STA 821+44 ℄ TO STA 821+44 ℄
NEW 18" x 4' OPTION PIPE

BM.
SPIKE IN 14.0" WILLOW
820+50
155' LT.
388.90

821+00
155' LT.

STA 821+44 ℄
FOR DI DETAILS
SEE BRIDGE PLANS
SHT. # 5, # 8

STA 821+50 LT TO STA 822+00 LT
NEW 6" x 30' UNDERDRAIN W/6"ϕ
20 CARRIER PIPE

822+00
155' LT.
388.87.5

BEGIN FLARE
STA 822+62.5

STA 821+23 RTE 289 =
STA 1+10.00 ALLEN BROOK CULVERT

4' TEMP. DITCH
86-HB-44F

CONST. EASE (T)

E 344,500

Allen Brook

EDGE OF SHOULDER
86-BB-76
86-BB-79
86-HB-101F
86-BB-78
86-BB-77
86-BB-80
86-HB-104F
86-HB-43F
86-HB-106F

CONC. MEDIAN BARRIER
4' IMPACT ATTENUATOR
LEFT TURN LANE
65'
632'

WILLISTON LIMITED PARTNERSHIP
C.S.D., INC.
SHT. 136.

MATCH LINE STA 822+00

STA 807+00 MATCH LINE

86-HB-10F
VERMONT ROUTE 289
WILLISTON LIMITED PARTNERSHIP
C.S.D., INC.
86-HB-41F
86-HB-103F
86-HB-42F
86-HB-100F
86-HB-97F

808 809 810 811 812 813 814 815 816 817 818 819 820 821

380'

(869')

585'

SIGN 30.30"W811

010
9A

011
3A

EXISTING STONE DITCH
STA. 816+00 - 819+50

STA 817+60 TO STA 818+75
FULL DEPTH PAV'T AND BASE

STA 821+07.64
END ROADWAY
BEGIN BRIDGE

R.O.W. FENCE
EXISTING SPECIAL DITCH
WOOD MARKER POST (TYP)
SEE DETAILS, THIS SHEET

STA 815+00 RT TO STA 816+00 RT
CONSTRUCT 4' WIDE DITCH
STONE FILL TYPE I
4:1 S.S. W/ 1' MIN. DEPTH

STA 819+50 ℄ TO STA 819+50 RT
NEW 18"x 78' OPTION PIPE W/
3'x6' FLOW PAD TYPE I STONE FILL

FUTURE RAMP

RAMP A STA 15+11.38 =
STA 9+52.07 ALLEN BROOK ℄

BREAKAWAY CABLE TERMINAL FOR STEEL BEAM
GUARD RAIL W/ WOOD POSTS (SEE STD. G-14)
GUARD RAIL APPROACH SECTION TYPE I (SEE STD. SB-R4B-82)

EXISTING SPECIAL DITCH

END FLARE
STA 820+62.5

EDGE OF RAIL

BOULDER CLUSTER (TYP)
SEE NOTES BELOW

EXISTING SEDIMENTATION BASIN

R.O.W. FENCE
STA 821+38.36
END BRIDGE
BEGIN ROADWAY

MATCH LINE STA. 9+50

MATCH LINE STA. 7+30

STA 807+00 ℄ TO STA 807+00 RT
NEW 18"x 74' OPTION PIPE W/
3'x6' FLOW PAD TYPE I STONE FILL

(2,440')

STA 807+00 RT TO STA 814+00 RT
CONSTRUCT 4' WIDE SPECIAL DITCH

807+74
7' RT.

STA 809+00 RT TO STA 813+00 ℄
NEW 6" x 430' UNDERDRAIN W/ CAP END

VERMONT ELECTRIC POWER CO., INC
EXISTING 125' WIDE EASEMENT

* STA 813+50
105' RT

813+00
100' RT.

206'

814+85
190' RT.

525'

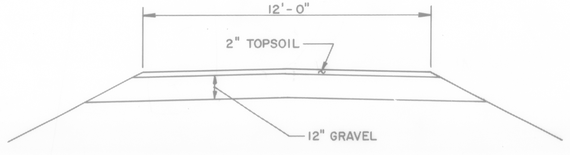
FUTURE RAMP

NOTES
1. WOOD MARKER POSTS SHALL BE A MAXIMUM SIZE OF 1/2" SMALLER THAN THE 6" STEEL SLEEVE.
2. THE POST SHALL BE REMOVABLE.
3. THE BOTTOM OF THE POST SHALL REST ON 3" OF CRUSHED STONE.

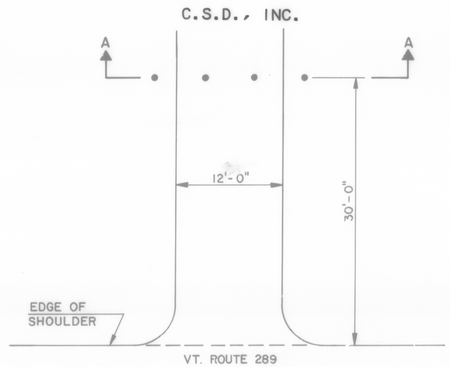
* CORNER BRACE SHALL BE INSTALLED AND CONNECTED AT INTERSECTIONS BETWEEN EXISTING FENCE AND R.O.W FENCE

ALLEN BROOK AREA
ANTICIPATED SETTLEMENT

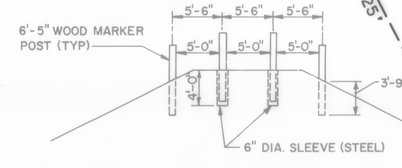
LOCATION (STA.)	APPROXIMATE SETTLEMENT (INCHES)
816 + 40	2.5
817+ 00 TO 822+00	8
822 + 70	2.5



TYPICAL SECTION



PLAN



SECTION A-A

CONSTRUCTION PROCEDURE

CONSTRUCTION PHASE I (BY OTHERS)

CONSTRUCTION PHASE II

1. CONSTRUCT ALLEN BROOK CULVERT STRUCTURE, DIVERT FLOW FROM TEMPORARY CHANNEL TO CULVERT STRUCTURE
2. INSTALL SETTLEMENT PLATFORM S-16.
3. REMOVE STONEFILL AND BACKFILL TEMPORARY CHANNEL
4. WAITING PERIOD (6 MONTHS)
5. CONSTRUCT ROADWAY

CONSTR PHASE	SETTLEMENT PLATFORM LOCATIONS & ELEVATIONS				S.P. TYPE
	PLATFORM LOCATION	STATION	OFFSET	ELEVATION	
II	S-16	VT. 289	819 + 95	5' RT.	379 *	I

* APPROX. DRAIN BLANKET ELEVATION
□ SETTLEMENT PLATFORM TYPE I, FOR DETAIL SEE STD. L-1

NOTES:
1. BOULDER CLUSTERS SHALL NOT BE MEASURED SEPERATELY BUT SHALL BE CONSIDERED SUBSIDIARY TO STONE FILL TYPE II
2. FOR ADDITIONAL NOTES ON BOULDER CLUSTER SEE BRIDGE SHEET # 1
3. REFER TO SHEET NO. 136 FOR ENERGY ABSORPTION ATTENUATOR DETAILS

DATUM
VERTICAL _____
HORIZONTAL _____

R.O.W. PLANS

SURVEYED BY PINKHAM ENG. DATE 8-87
DRAWN BY D.R.O. DATE 6-89
TRACED BY J.B.C. / C.S.L. DATE 6-89

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON

PROJ. WILLISTON COLCHESTER NO. PB 033-1(1)
SHEET 17 OF 26

N709,250 N708,750 E344,500 N708,250 N707,750

VT. PLANE GRID

WILLISTON LIMITED PARTNERSHIP

PT 23+58.29

BURNETT, WILLIAM S. & CARROLL, ELIZABETH B.

GUARD RAIL APPROACH SECTION TYPE I (SEE STD SB-R4B-82)

RTE. 2 21+07 27' RT. STA 20+73.41 END BRIDGE BEGIN ROADWAY

STA 831+00.00 END PROJECT PB 033-1(1)

DRILLING AND BLASTING OF SOLID ROCK SUBGRADE
STA 828+25 TO STA 829+75

GUARD RAIL APPROACH SYSTEM, TYPE I
RTE 2 STA 20+98 LT
RTE 2 STA 21+07.81

NOTE: ALL STATIONS AND OFFSETS ON THIS SHEET ARE REFERENCED TO ROUTE 289 BASELINE UNLESS OTHERWISE NOTED.

STEEL BEAM GUARD RAIL W/ WOOD POSTS
RTE 289 STA 822+00, RT TO STA 822+50 RT

CONCRETE MEDIAN BARRIER
RTE 289 STA 822+00 TO STA 831+00

NATIVE TURF ESTABLISHMENT
RTE 289 STA 822+00, RT TO STA 822+50, RT

STA 822+00 LT TO STA 822+50 LT
NEW 6" x 250' UNDERDRAIN W/ CAP END

BREAKAWAY CABLE TERMINAL FOR STEEL BEAM GUARD RAIL (SEE STD G-14)

STA 822+00 ℄ TO STA 823+50 ℄
NEW 18" x 150' OPTION PIPE

END LIMITED ACCESS
STA. 822+93.00 100' LT.

RTE 2 STA 21+00 LT TO CAP END
STA 822+93.00 REMOVE EXISTING 18" x 82' CSP

822+00 100' LT.
823+00 100' LT.
PC 21+52.17

CONST. EASE. (T)
EASE. (T)
364'
193'
100'
38'
33'
249'
292'
470'
110'
100'

ROW FENCE
R.O.W. FENCE
EXIST. ROW LIMITS
STA 822+00
MATCH LINE

010 9C
010 9D
010 9A
010 9B
011 1C
011 1B
011 1E
011 1A
011 1D
011 1E
011 3A
011 3B
011 3H
011 10A
011 10B

EDGE OF SHOULDER
VERMONT
823 LEFT TURN
824 LANE
86-HB-90F
86-HB-90F

WILLISTON LIMITED PARTNERSHIP
(632') L C.S.D., INC.
STATE OF VERMONT RTE. 2 19+67 8' LT.
EDGE OF SHOULDER
823+69 30' RT.
C.S.D., INC.
(300') P
STATE OF VERMONT RTE. 2 19+67 25' RT.
827+30 100' RT.
CURB ACCELERATION LANE
R.O.W. FENCE
EXIST. ROW LIMITS
MATCH LINE
EDGE OF RAIL
ANCHOR FOR STEEL BEAM GUARD RAIL (SEE STD G-ID)

STA. 825+06.05 RTE 289=
STA. 19+98.65 RTE 2
REVISED ℄

VERMONT ELECTRIC POWER CO., INC.
EXISTING 125' WIDE EASEMENT

R.O.W. FENCE

STA. 823+00 RT TO STA. 824+50 RT
NEW 6" x 160' UNDERDRAIN W/ 6" x 20' CARRIER PIPE W/ CAP END

CS 16+51.10
CS 16+94.27
Brook
2HB-3F
2HB-2F
6" Force Main
12" A.C. Water
GMP 81
U.S. ROUTE 2
STA 18+50 ST 18+44.27
STA 19+21.90 BEGIN BRIDGE END ROADWAY

STA. 825+59 110' LT.
STA. 825 + 31.80 RTE 289= STA 20 + 00.00 RTE 2
SURVEY ℄

STA. 826+58 LT TO STA. 826+74 ℄
NEW 18" x 70' OPTION PIPE W/ END SECTION AT INLET

STA. 826+74 ℄ TO STA. 826+76 ℄
NEW 18" x 4' OPTION PIPE

826+30 110' LT.
825+64 12' LT.
RTE. 2 20+97 27' RT.
RTE. 289 825+31 ℄
RTE. 2 19+67 25' RT.
827+30 100' RT.
CURB ACCELERATION LANE
R.O.W. FENCE
EXIST. ROW LIMITS
STA 822+00

BURNETT, WILLIAM B. & CARROLL, ELIZABETH B.
86-HB-48F
ROUTE 289
536'
-86-HB-48F
BURNETT, WILLIAM & CARROLL
C.S.D., INC.
24" MEDIAN BARRIER

STA 826+76 ℄ STA 826+90 RT.
NEW 18" x 68' OPTION PIPE W/ 3'x6' FLOW PAD TYPE I STONEFILL
C.S.D., INC.

CONST. EASE. (T) 370'
CONST. SLOPE & (T) EASEMENT
* 827+54 100' RT.
VERMONT ELECTRIC POWER CO., INC.
EXISTING 125' WIDE EASEMENT
GUARD RAIL APPROACH SECTION TYPE I (SEE STD SB-R4B-82)

STA 829+50 ℄ TO STA 829+50 RT.
NEW 18" x 72' OPTION PIPE WITH 3'x6' FLOW PAD TYPE I STONE FILL W/ 2-18" OPTION ELBOWS

* CORNER BRACE SHALL BE INSTALLED AND CONNECTED AT INTERSECTIONS BETWEEN EXISTING FENCE AND R.O.W. FENCE.

C. S. D., INC.

831+00 110' LT.

LIMIT ROW PROJECT
PB 033-1(1) SECTION IB
STA. 831+00 ℄

BEGIN ROW PROJECT
TR 089-2(12)
STA. 831+00 ℄

STA 830+50 LT TO STA 830+50 RT
NEW 18" x 160' OPTION PIPE W/ 3'x6' FLOW PAD TYPE I STONE FILL

831+00 100' RT.

REMOVAL OF EXISTING FENCE
RTE 289 STA 827+00, 2' LT TO STA 831+00 ℄
RTE 289 STA 827+24, 2' LT TO STA 827+52, 101' RT
RTE 289 STA 830+89, ℄ TO STA 830+97, 103' LT

4' HIGH WOVEN WIRE FENCE
RTE 289 STA 822+00, 100' LT – STA 824+70, 100' LT
RTE 289 STA 825+32, 110' LT – STA 831+00, 110' LT
RTE 289 STA 822+20, 280' RT – STA 824+40, 280' RT
RTE 289 STA 824+40, 280' RT – STA 824+40, 110' RT
RTE 289 STA 824+40, 110' RT – STA 824+80, 80' RT
RTE 289 STA 825+45, 80' RT – STA 826+15, 110' RT
RTE 289 STA 829+15, 110' RT – STA 827+30, 100' RT
RTE 289 STA. 827+30, 100' RT – STA 831+00, 100' RT

832 833 834 17 8' 12' 4' 10' 12' 8'

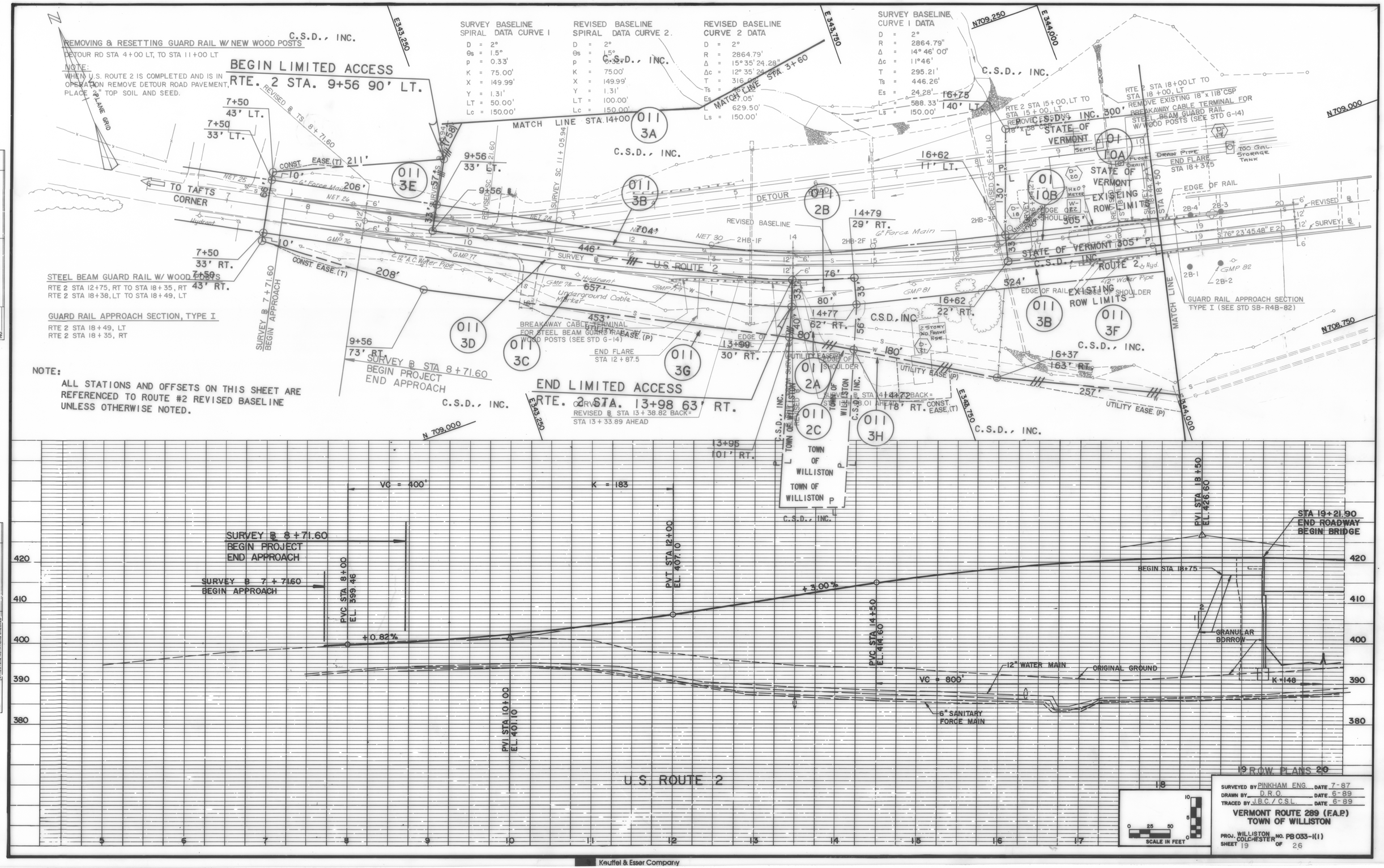
E344,500 E344,000 E343,750 E343,500 N709,250 N708,750 N708,250

DATUM
VERTICAL _____
HORIZONTAL _____

R.O.W. PLANS

SURVEYED BY PINKHAM ENG. DATE 8-87
DRAWN BY D.R.O. DATE 6-89
TRACED BY J.B.C./C.S.L. DATE 6-89

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON
PROJ. WILLISTON COLCHESTER NO. PB 033-1(1)
SHEET 18 OF 26



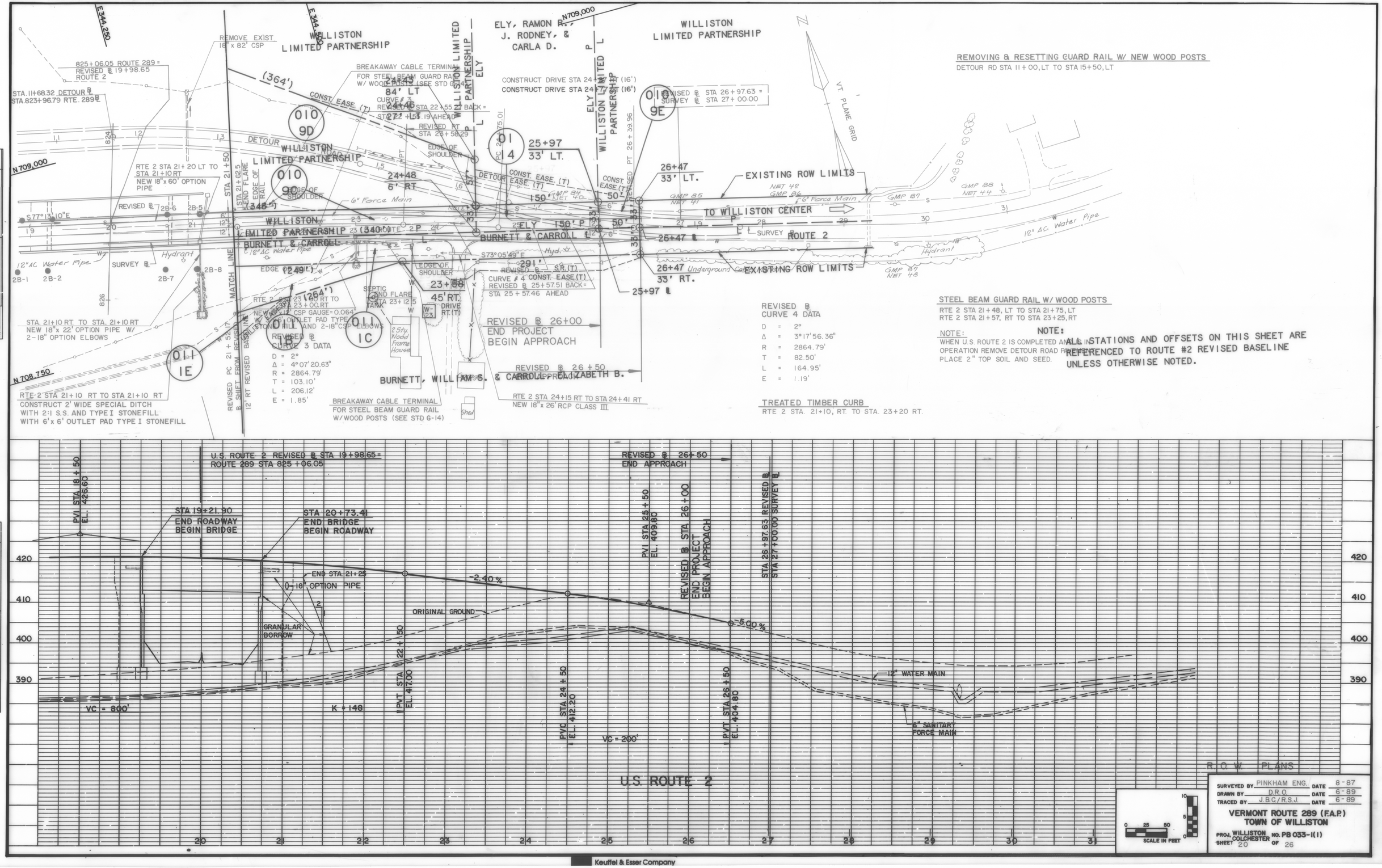
NOTE:
ALL STATIONS AND OFFSETS ON THIS SHEET ARE REFERENCED TO ROUTE #2 REVISED BASELINE UNLESS OTHERWISE NOTED.

SURVEYED BY PINKHAM ENG. DATE 7-87
DRAWN BY D.R.O. DATE 6-89
TRACED BY J.B.C. / C.S.L. DATE 6-89

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON

PROJ. WILLISTON COLCHESTER NO. PB 033-1(1)
SHEET 19 OF 26

Keuffel & Esser Company


WILLISTON LIMITED PARTNERSHIP
ELY, RAMON P., J. RODNEY, & CARLA D.
WILLISTON LIMITED PARTNERSHIP ELY
WILLISTON LIMITED PARTNERSHIP
REMOVE EXIST 18" x 82' CSP
825+06.05 ROUTE 289 = REVISED ℄ 19+98.65 ROUTE 2
STA. 11+68.32 DETOUR ℄ STA.823+96.79 RTE. 289℄
BREAKAWAY CABLE TERMINAL FOR STEEL BEAM GUARD RAIL W/ WOOD POSTS (SEE STD G-14)
84' LT
CURVE # 3 REVISED ℄ STA 22+55.21 BACK = STA 22+55.19 AHEAD
REVISED RT STA 26+58.29
CONSTRUCT DRIVE STA 24+47 RT (16')
CONSTRUCT DRIVE STA 24+47 LT (16')
REVISED ℄ STA 26+97.63 = SURVEY ℄ STA 27+00.00
V.T. PLANE GRID
REMOVING & RESETTING GUARD RAIL W/ NEW WOOD POSTS
DETOUR RD STA 11+00, LT TO STA 15+50, LT
010 9D
010 9C
011 9E
011 1C
011 1E
011 1A
011 1B
011 1D
011 1F
011 1G
011 1H
011 1I
011 1J
011 1K
011 1L
011 1M
011 1N
011 1O
011 1P
011 1Q
011 1R
011 1S
011 1T
011 1U
011 1V
011 1W
011 1X
011 1Y
011 1Z
011 2A
011 2B
011 2C
011 2D
011 2E
011 2F
011 2G
011 2H
011 2I
011 2J
011 2K
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E 343,250

N

VT. PLANE GRID

E 343,750

N 709,750

817+18.03
655.28 RT.

(525')

MATCH LINE STA 7+30

MATCH LINE STA 9+50

N 709,500

PASTURE
LAND

011
3A

PASTURE
LAND

C. S. D., INC.

758'

C. S. D., INC.

N 709,750

MATCH LINE STA. 14+00

MATCH LINE STA. 3+60

ALLEN BROOK

N 709,000

N 709,500

DATUM
VERTICAL _____
HORIZONTAL _____

E 343,250

N 709,000

E 343,750

R. O. W. PLANS

SURVEYED BY PINKHAM ENG. DATE 6/87
DRAWN BY D.R.O. DATE 2/89
TRACED BY A.P.P. DATE 3/89

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON

PROJ WILLISTON-COLCHESTER NO. PB 033-1(1)

SHEET 21 OF 26

VT. PLANE GRID

N 716,000
E 346,250
N 715,500
N 715,000
E 345,750
E 345,250

B. M.
HYDRANT 120 ON BONNET BOLT
MUELLER
453.83

VERMONT ELECTRIC POWER CO., INC.
(VELCO)

INTERNATIONAL BUSINESS MACHINES
(I. B. M.)

B. M.
HYDRANT #124 ON BONNET BOLT
MUELLER
457.20

MATCH LINE STA 19+00

20 S24°23'48.20"W — 21 REDMOND ROAD 22 23 24 25 RELOCATION 26 27 28 29

16" DICL CL 52 Water
16" GV
Hyd
Valve
Drive
GMP#4
Mail Box
GMP#3
GMP#2
House
Tel Box
Sign
16" Water
Fence

REDMOND ROAD
TOWN HIGHWAY #10

STA 23+50 LT TO STA 23+50 RT
NEW 60"x72"

STA 23+50 RT TO STA 23+70 RT
REMOVE EXISTING 24" CMP

MTN. VIEW ROAD
10+00
4' LT.

REDMOND ROAD
29+37
2' RT.

MTN. VIEW ROAD
10+00
21 RT.

MTN. VIEW ROAD
7+50
17' RT.

7+50 BEGIN APPROACH

MTN. VIEW ROAD
7+50
8' LT.

10+00 END APPROACH

STA 8+35.95 MOUNTAIN VIEW ROAD =
STA 29+43.26 REDMOND ROAD RELOCATION

TOWN HIGHWAY 9 MOUNTAIN VIEW ROAD

VELCO
BRENNAN
P L
60'
12" Water
Marble Mon.
Field Drive
Fence
Woods
EXISTING R.O.W. LIMIT
25" Maple
25" Maple
25" Maple
25 Maple
25" Maple stump
25" Maple
SR (T) EASE. (T)
CONST
Light
Box
Sign
16" Water
166'
250'
84'
25'
12" CMP
Hyd
Fence
Tel Box
Drive
Gate
Post

0107E

BRENNAN, JAMES L.

EXISTING R.O.W. LIMIT
L.B.M. INC.
BRENNAN

DATUM
VERTICAL
HORIZONTAL

R. O. W. PLANS

SURVEYED BY PINKHAM ENG DATE 6/87
DRAWN BY D.R.O. DATE 2/89
TRACED BY A.P.P. DATE 3/89

VERMONT ROUTE 269 (F.A.P.)
TOWN OF WILLISTON
PROJ. WILLISTON-COLCHESTER NO. PB 033-1(1)
SHEET 22 OF 26

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
B.M.'s NOTED
NO.
STRUCTURE NOTATIONS CHKD
BY
DATE

PVT STA. 752+25 EL. 524.85

STA 760+57.57 END ROADWAY BEGIN BRIDGE

STA. 760+00 BEGIN PROJECT PB 033-1(1)

STA 761+55.07 END BRIDGE BEGIN ROADWAY

STA 761+06.32 ROUTE 289= STA 20+00.00 MOUNTAIN VIEW ROAD

-1.00%

10' SNOW MOBILE PATH

VC = 1050
K = 404

12" WATER

PVC STA. 762+00 EL. 515.10

530 520 510 500 490 480 470

752 753 754 755 756 757 758 759 760 761 762 763 764 765

PVI STA 767+25 EL. 509.85

502.00

UND. -2.50% RT.

496.00

497.00

492.50

UND. -3.00% LT.

UND. -0.50% LT.

-3.6 %

486.40

485.00

483.70

484.50

UND. -2.70% RT.

VC = 1050
K = 404

PVT STA. 772+50 EL. 490.95

18" OPTION

472.20

UND. -3.80% LT.

18" OPTION

460.80

500 490 480 470 460

765 766 767 768 769 770 771 772 773 774 775 776 777 778 779

SCALE IN FEET 0 25 50 0 5 10

R.O.W. PLANS

SURVEYED BY PINKHAM ENG. DATE 7-87
DRAWN BY R.C.A. DATE 1-88
TRACED BY N.P.D. DATE 2-88

VERMONT ROUTE 289 (FA.P)
TOWN OF WILLISTON

PR. WILLISTON COLCHESTER NO. PB 033-1(1)

SHEET 23 OF 26

PROFILE | SURVEYED | PLOTTED | CHECKED | NOTE BOOK | PAGES | B.M.'s NOTED | NO. | STRUCTURE NOTATNS CH'KD | BY | DATE

VC = 400'

K = 154

PVC STA. 781 + 50
EL. 458.55

PVT STA. 785 + 50
EL. 449.35

PVI STA 783 + 50
EL. 451.35

-3.6 %

UND. - 1.53 % LT.

458.50

18" OPTION PIPE

450.60

UND. - 2.47 % LT.

18" OPTION PIPE

446.90

UND. - 1.00 % LT.

441.10

18" OPTION PIPE

443.90

UND. - 1.00 % LT.

-1.0 %

18" OPTION PIPE

437.60

UND. - 0.50 % LT.

436.10

434.10

18" OPTION PIPE

434.60

24" RCP CLASS III

470 460 450 440

779 780 781 782 783 784 785 786 787 788 789 790 791 792 793

PVI STA 801 + 00
EL. 433.85

UND. - 1.00 % LT.

434.10

- 1.0 %

18" OPTION PIPE

18" OPTION PIPE

427.60

PVC STA 799 + 00
EL. 435.85

18" OPTION PIPE

426.50

UND. 0.73 % LT.

PVT STA 803 + 00
EL. 429.05

- 2.4 %

18" OPTION PIPE

18" OPTION PIPE

440 430 420 410

793 794 795 796 797 798 799 800 801 802 803 804 805 806 807

VC = 400'

K = 286

SCALE IN FEET 0 25 50 — 0 5 10

R.O.W. PLANS

SURVEYED BY PINKHAM ENG. DATE 7-87
DRAWN BY R.C.A. DATE 6-88
TRACED BY N.P.D. DATE 7-88

VERMONT ROUTE 289 (F.A.P.)
TOWN OF WILLISTON

PROJ. WILLISTON - COLCHESTER NO. PB 033-1(1)
SHEET 24 OF 26

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
CHECKED
NO.
B.M.'s NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

420
410
400
390
380

UND. - 1.90 % RT.
UND. - 2.40% RT.
18" OPTION PIPE
406.90
405.0
404.30
18" OPTION PIPE
- 2.40%
399.50
398.50
UND. - 1.0% RT.
18" OPTION PIPE

807 808 809 810 811 812 813 814

440
430
420
410
390
380

K=119
REV. @ U.S RTE 2
PVT STA. 826+50
EL. 399.45
STA. 821+38.26
END BRIDGE
BEGIN ROADWAY
STA. 821+07.64
END ROADWAY
BEGIN BRIDGE
℄ ALLEN BROOK CULVERT STA 10+00 =
ROUTE 289 STA. 821+23
UND. +1.00% LT.
UND. +2.00% RT.
UND. +1.00% LT.
380.50
384.50
383.50
GRANULAR
BORROW
381.00 +
GRANULAR
BORROW
18" OPTION
PIPE
381.50
UND. +2.00% RT.
UND. +1.00% LT.
PVI STA. 822+50
EL. 382.25
18" OPTION PIPE

821 822 823 824 825 826 827 828

PROFILE

SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
B.M.'s NOTED
NO.
STRUCTURE NOTATIONS GIVEN

BY
DATE

STA 16+00
BEGIN CONSTRUCTION

EL. 488.15

PVI STA. 17+50
EL. 491.63

PVC STA. 16+50
EL. 489.31

PVT STA. 18+50
EL. 492.49

PVI STA. 21+50
EL. 495.07

PVC STA. 20+50
EL. 494.21

PVT STA. 22+50
EL. 497.71

EL. 501.67

STA 20+00.00 MOUNTAIN VIEW RD. =
STA 761+06.32 ROUTE 289

VERT. CLEARANCE
15' 5 1/2"

VC = 200'
K = 137

VC = 200'
K = 112

+2.32%
+0.86%
+2.64%

Hydrant
WG
Exist. 12" DICLWM.

510
500
490
480
470

15 16 17 18 19 20 21 22 23 24

MOUNTAIN VIEW ROAD

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
B.M.'s NOTED
NO.
STRUCTURE NOTATIONS GIVEN
BY
DATE

135139
MAKEPEACE