INDEX OF SHEETS

SHEET	1	TITLE SHEET
	2-6	TYPICAL SECTIONS
	7-12	R.O.W. DETAIL SHEETS
	13-22	R. O.W. LAYOUT SHEETS
	23-26	PROFILE SHEETS

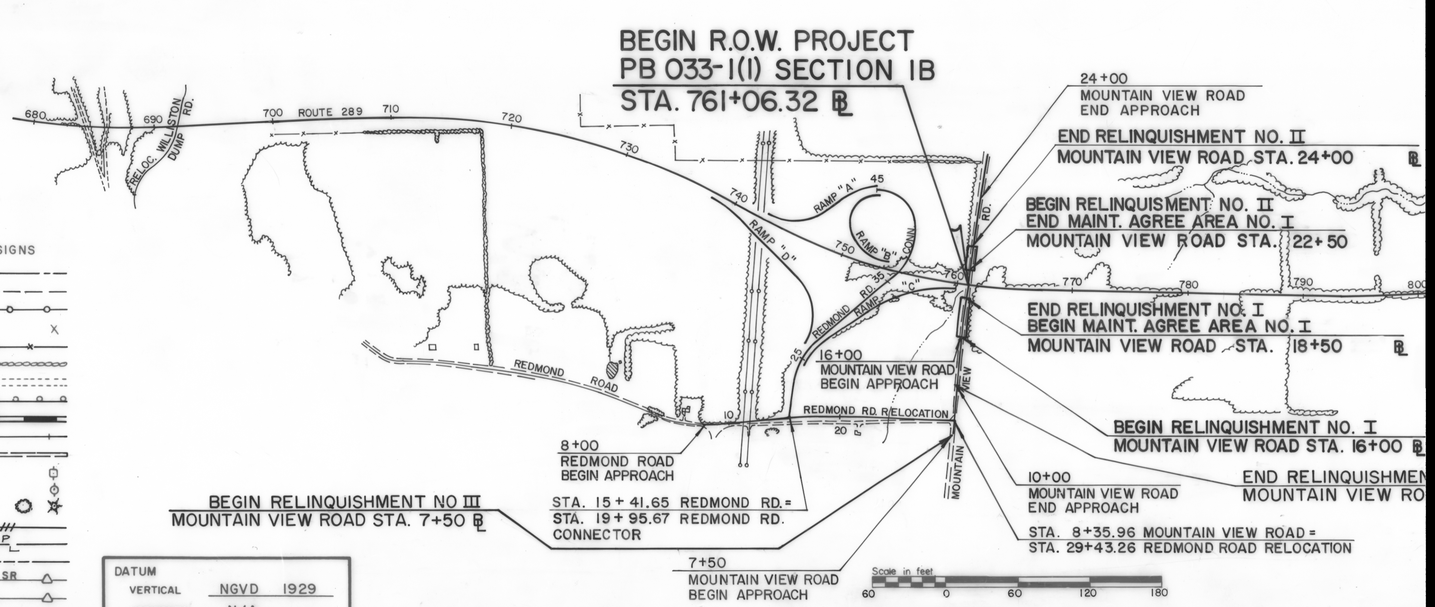
STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
TOWN OF WILLISTON
COUNTY OF CHITTENDEN
CHITTENDEN COUNTY CIRCUMFERENTIAL HIG
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

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:

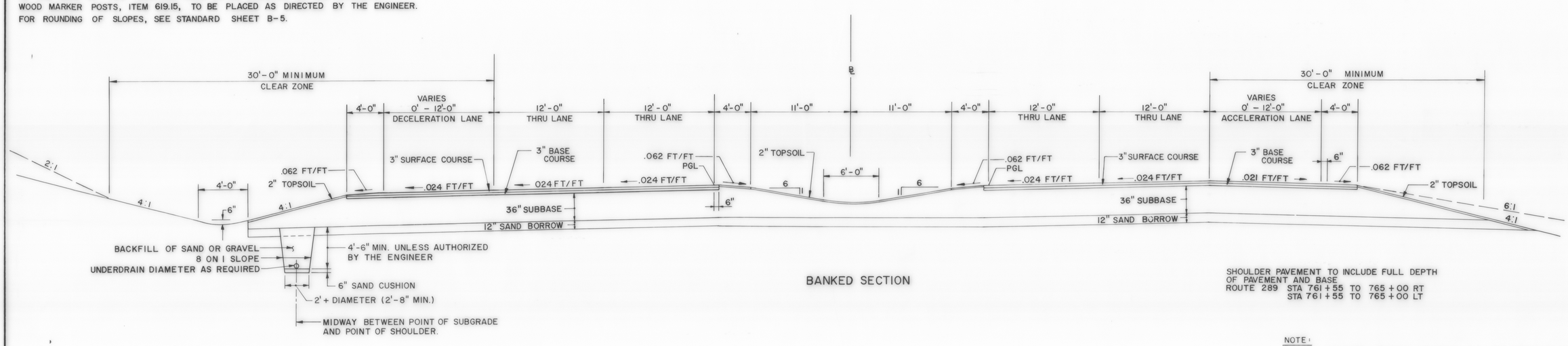
NITROGEN	10%
PHOSPHORUS	20%
POTASH	10%

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

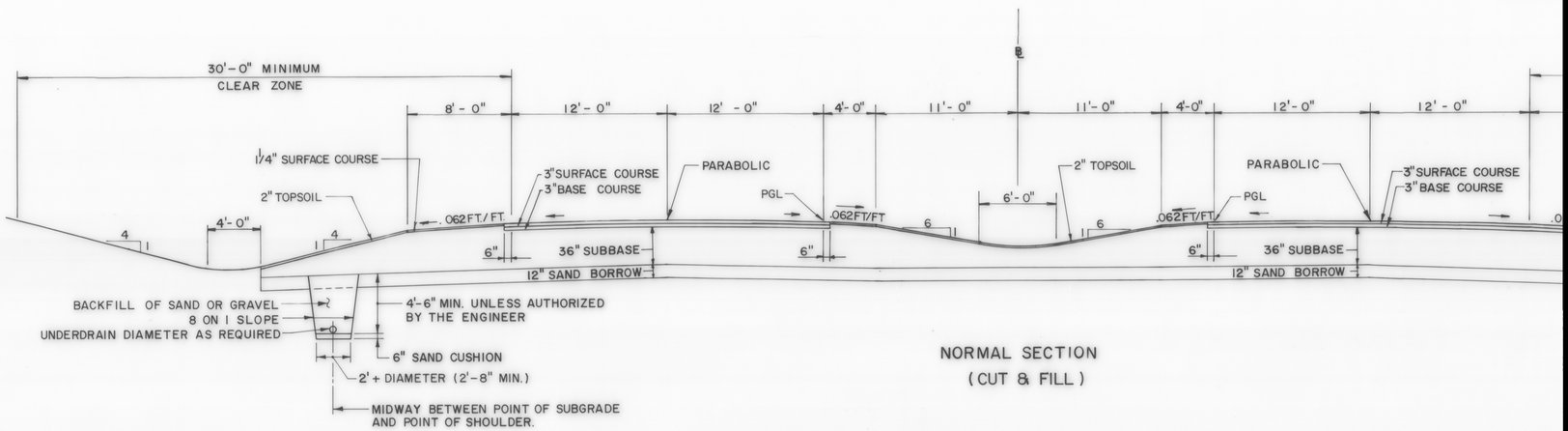
SURVEYED BY PINKHAM ENG DATE 7-87
DRAWN BY R.C.A. DATE 8-88
TRACED BY K.M.K. DATE 8/88

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

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

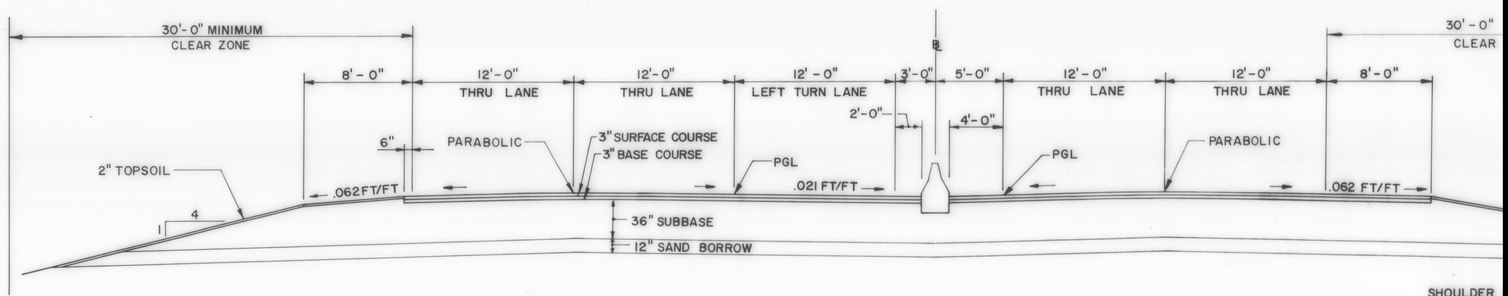
TYPICAL SECTIONS

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

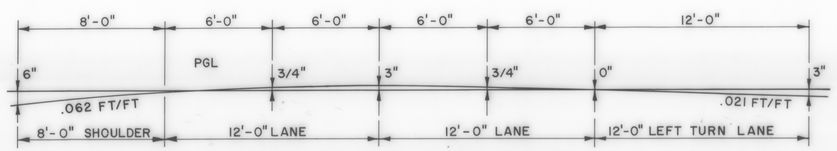


NORMAL SECTION
(CUT & FILL)

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



SHOULDER
OF PAVEME
ROUTE 289



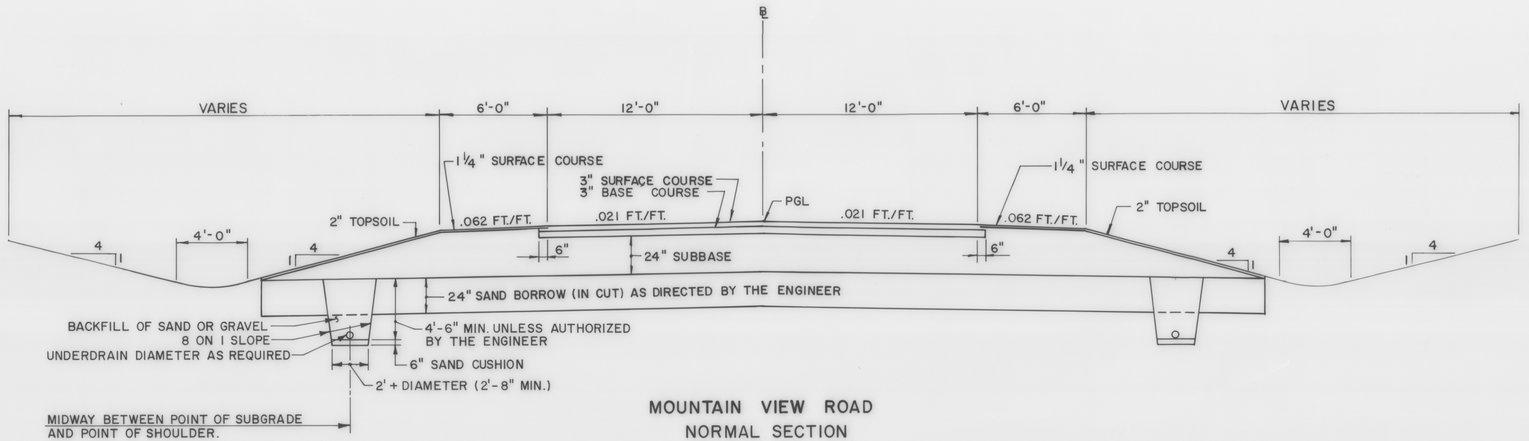
NORMAL SECTION

CROSS-SLOPE & PARABOLIC DETAIL

DATUM
VERTICAL _____
HORIZONTAL _____

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

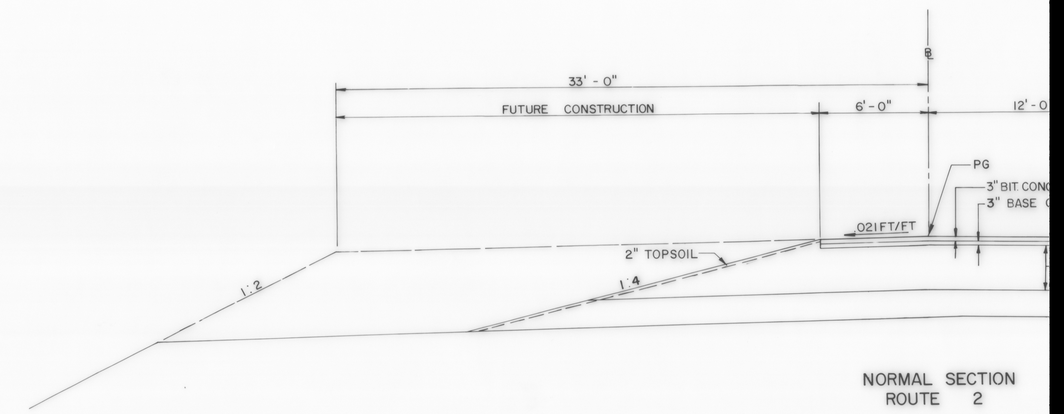
SURVEYED BY PINKHAM ENG. DATE 7/87
DRAWN BY R.C.A. DATE 12/88
TRACED BY L.S. DATE 12/88
VERMONT ROUTE 289(F.A.P.)
TOWN OF WILLISTON
PROJ. WILLISTON NO. PB 033-1(1)
COLCHESTER
SHEET 4 OF 26

TYPICAL SE

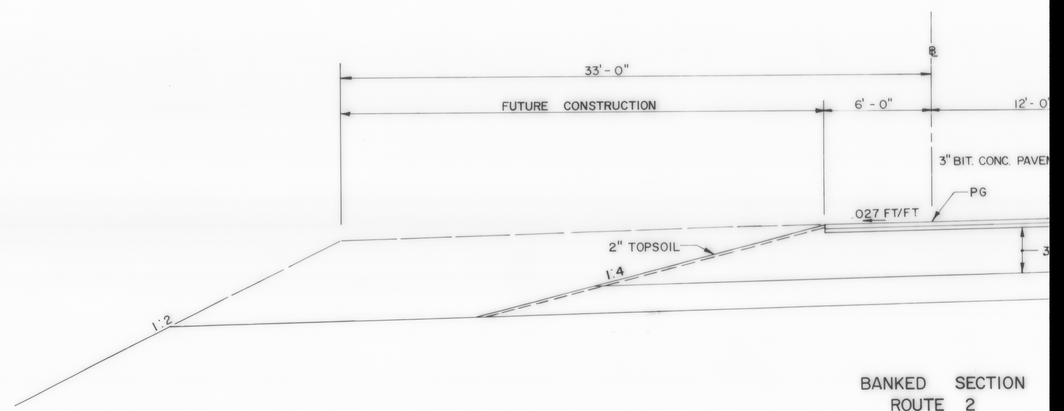
3" BITUMINOUS CONCRETE PAVEMENT - I 1/4" TYPE III
3" BITUMINOUS CONCRETE PAVEMENT, TYPE I - BASE
30" SUBBASE OF DENSE GRADED CRUSHED STONE
SHOULDERS I 1/4" BITUMINOUS CONCRETE PAVEMENT
18" SAND BORROW



BRIDGE
ABUTME



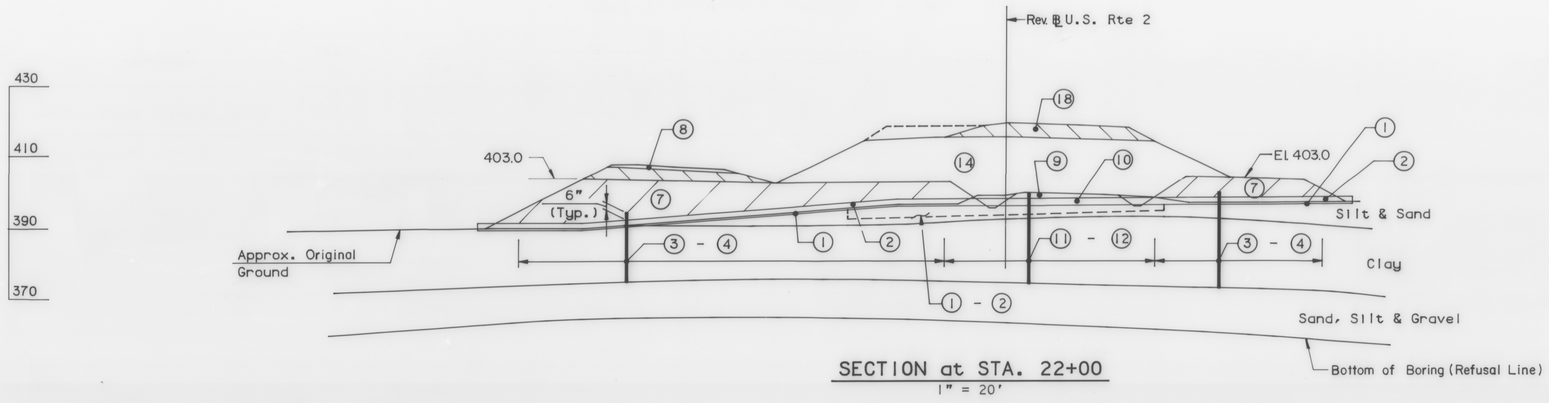
NORMAL SECTION
ROUTE 2



BANKED SECTION
ROUTE 2

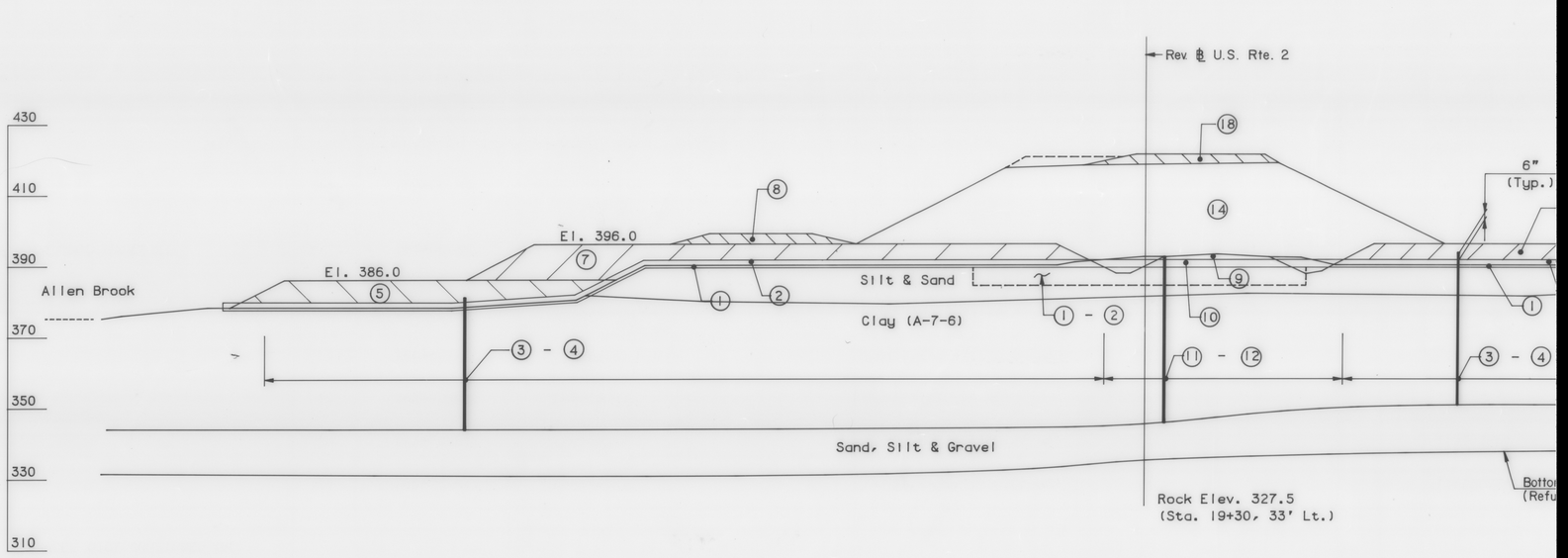
DATUM
VERTICAL _____
HORIZONTAL _____

SCALE : 1/4 = 1'-0"



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.												

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 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.												

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 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

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
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
12" DTCL CL 52 W
CHAMP #25
CHAMP #30
CHAMP #29
MB-1
MB-14
MB-15
MB-19
MB-20
86-HB-27 F
757
758
759
760
762
763
764
765
363'
278'
275'
150'
157'
45'
100'
200'
250'
125'
122'
25'
22'
2,738'
S 55° 28' 35.33" E

763+80
111' LT.

765+50
90' LT.

BREAKAWAY CABLE TERMINAL FOR STEEL BEAM GUARD RAIL W/WOOD POSTS (SEE STD G-14)

CONST. EASE. (T)
DIT. (P)

BEGIN FLARE
STA 763+37.5

EDGE OF SHOULDER

EDGE OF RAIL
EDGE OF SHOULDER

MARTEL, JEROME
MARTEL, ANDRE

VERMONT ROUTE 289

761+31
26' RT.

761+06
30' RT.

BRENNAN, JAMES L.

CONST. EASE. (T)
204'

ANCHOR 765+65 STEEL BEAM GUARD RAIL W/WOOD POSTS (SEE STD G-ID)
100' RT.

763+50
110' RT.

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

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

761+55.07
END BRIDGE
BEGIN ROADWAY

MOUNTAIN VIEW ROAD
18+50

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

010 7A

010 7B

010 7C

010 7D

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.

MATCH LINE

EDGE OF SHOULDER

12.5' GUARD RAIL APPROACH SECTION TYPE II

STEEL BEAM GUARD RAIL W/WOOD POSTS TYPE II

WESTBOUND BRIDGE

FOR DETAILS OF ATTACHMENT TO APPROACH RAILING SEE BRIDGE PLANS SH. NO. 21

EASTBOUND BRIDGE

SHOULDER BREAK TRANSITION

25' PARABOLA

R=5'

50' MIN.

EDGE OF SHOULDER
SHOP CURVE BULLNOSE

50' GUARD RAIL APPROACH SECTION TYPE I

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

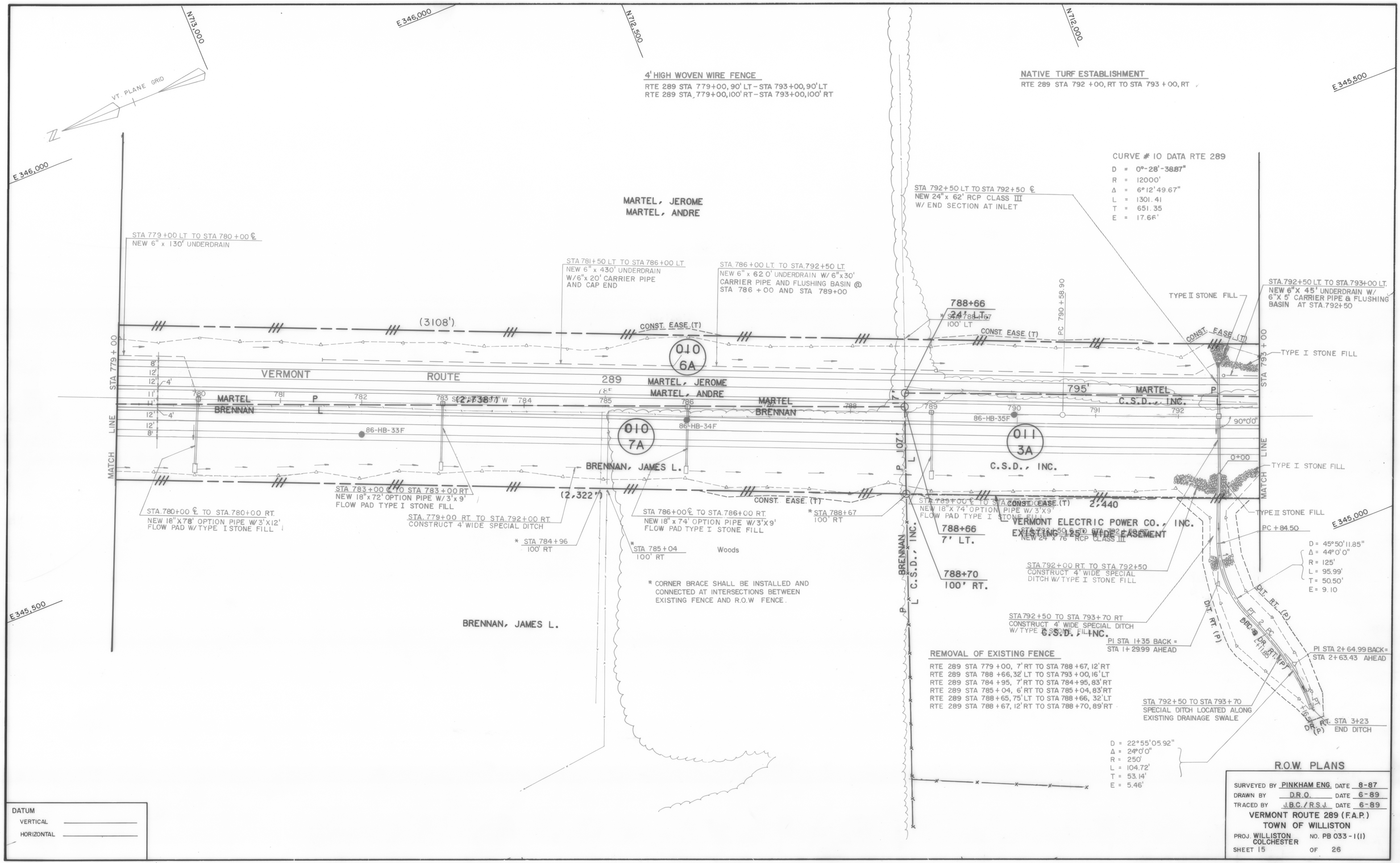
DATUM
VERTICAL _____
HORIZONTAL _____

R. O. W. PLANS

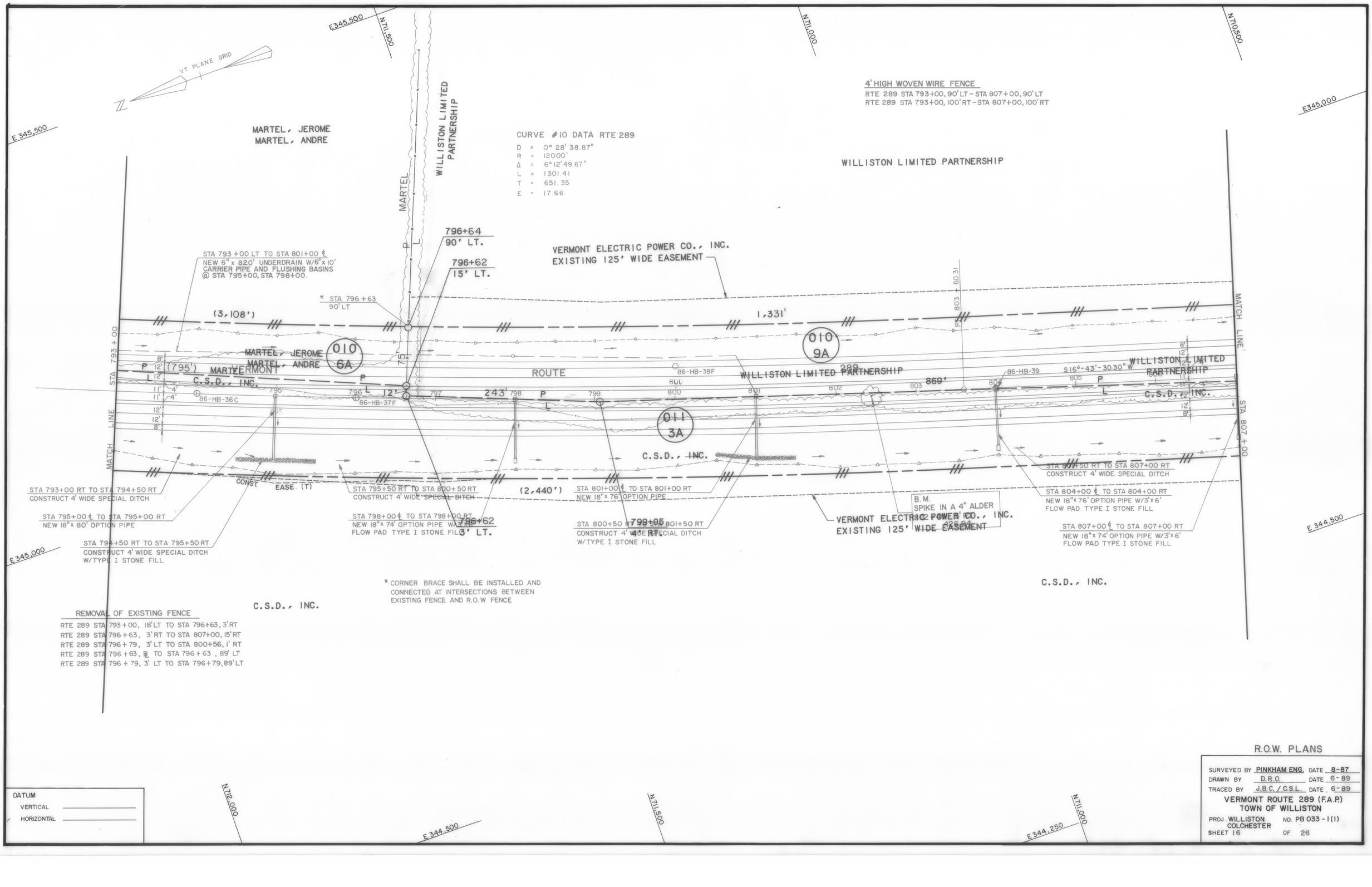
SURVEYED BY PINKHAM ENG. DATE 8-87
DRAWN BY D.R.O. DATE 6-89
TRACED BY J.B.C./R.S.J. DATE 6-89

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

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



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
VT. PLANE GRID
N713,000
E 346,000
N712,500
N712,000
E 345,500
E 345,000
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
(3108')
CONST. EASE (T)
788+66
24' LT.
100' LT
PC 790 + 58.90
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
BRENNAN, JAMES L.
C.S.D., INC.
90°0'0"
0+00
STA 779+00
STA 793+00
MATCH LINE
STA 783+00 ℄ TO STA 783+00 RT
NEW 18"x72' OPTION PIPE W/ 3'x 9'
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 786+00 ℄ TO STA.786+00 RT.
NEW 18" x 74' OPTION PIPE W/3'X9'
FLOW PAD TYPE I STONE FILL
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
2,440
VERMONT ELECTRIC POWER CO., INC.
EXISTING 125' WIDE EASEMENT
NEW 24" x 76' RCP CLASS III
PC + 84.50
STA 784+96
100' RT
STA 785+04
100' RT
Woods
788+66
7' LT.
788+70
100' RT.
BRENNAN
C.S.D., INC.
STA.792+00 RT. TO STA.792+50
CONSTRUCT 4' WIDE SPECIAL
DITCH W/TYPE I STONE FILL
D = 45°50'11.85"
Δ = 44°0'0"
R = 125'
L = 95.99'
T = 50.50'
E = 9.10
* CORNER BRACE SHALL BE INSTALLED AND
CONNECTED AT INTERSECTIONS BETWEEN
EXISTING FENCE AND R.O.W FENCE.
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
DIT. RT. (P)
PI STA 2+64.99 BACK =
STA 2+63.43 AHEAD
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
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'
BRENNAN, JAMES L.
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'

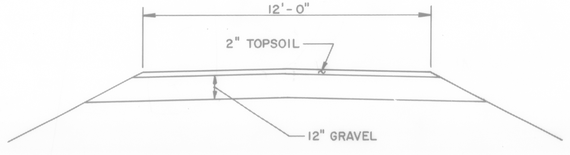
FUTURE RAMP

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.

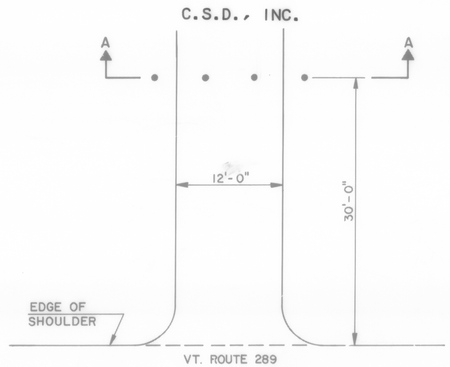
* CORNER BRACE SHALL BE INSTALLED AND CONNECTED AT INTERSECTIONS BETWEEN EXISTING FENCE AND R.O.W FENCE

ALLEN BROOK AREA
ANTICIPATED SETTLEMENT

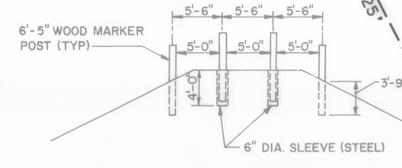
LOCATION (STA.)	APPROXIMATE SETTLEMENT (INCHES)
816 + 40	2.5
817+ 00 TO 822+00	8
822 + 70	2.5



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'

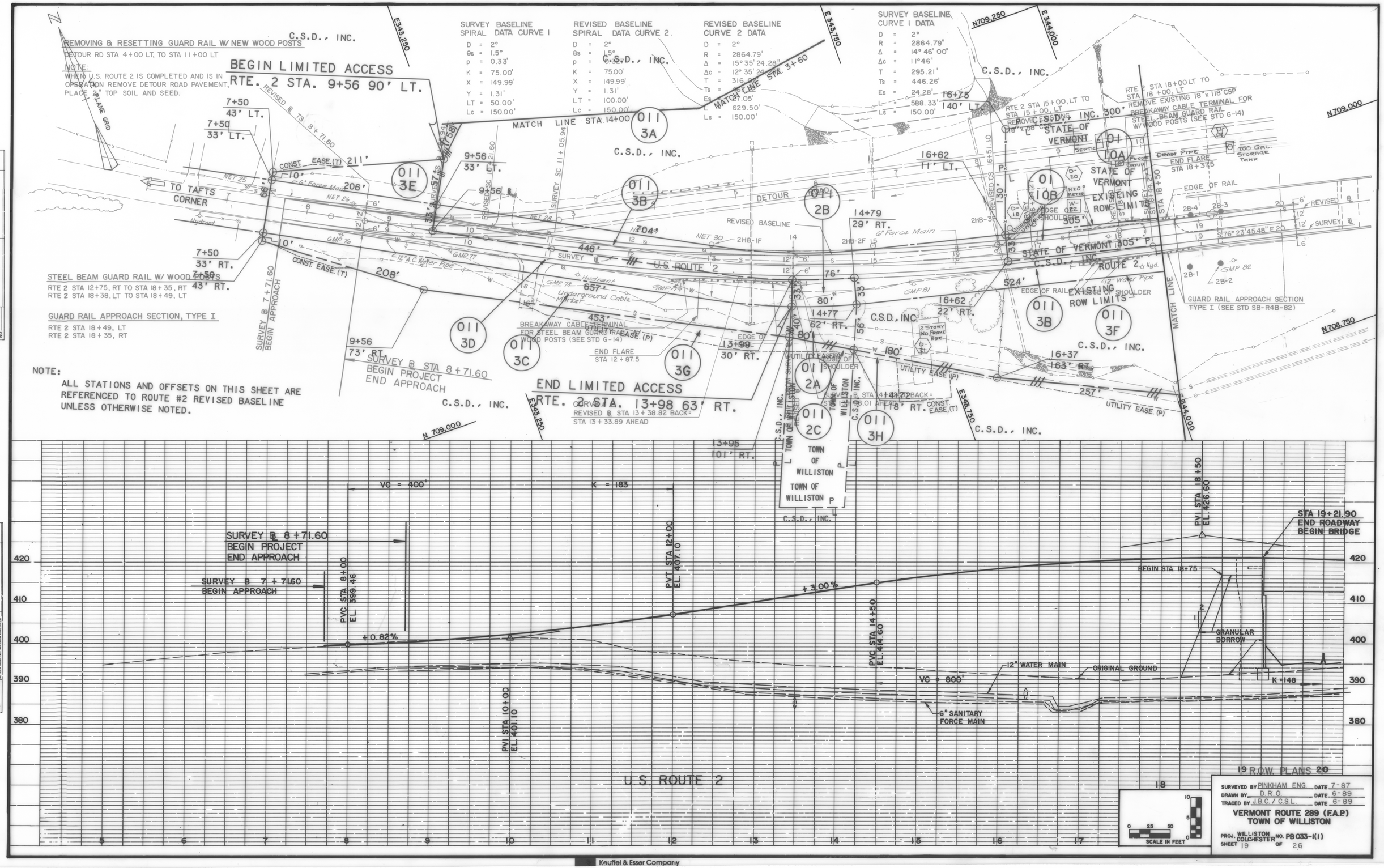
E344,500 E344,000 E343,750 E343,500 N709,250 N708,750 N708,250

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.

PLAN NOTE BOOK No. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED

PROFILE NOTE BOOK No. — SURVEYED, PLOTTED, GRADES CHECKED, B.M.'s NOTED, STRUCTURE NOTATIONS CHECKED

Keuffel & Esser Company

PLAN
SURVEYED
PLOTTED
NOTE BOOK
ALIGNMENT CHECKED
BY
DATE
No.

WILLISTON LIMITED PARTNERSHIP
ELY, RAMON P., J. RODNEY, & CARLA D.
WILLISTON LIMITED PARTNERSHIP ELY
WILLISTON LIMITED PARTNERSHIP
N709,000
E344,250
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)
CONSTRUCT DRIVE STA 24+17 RT (16')
CONSTRUCT DRIVE STA 24+17 LT (16')
REVISED ℄ STA 26+97.63 = SURVEY ℄ STA 27+00.00
(364')
CONST. EASE. (T)
010 9D
010 9C
011 9E
011 4
25+97 33' LT.
26+47 33' LT.
24+48 6' RT
24+45 84' LT
CURVE # 3 REVISED ℄ STA 22+55.19 BACK = STA 22+55.19 AHEAD
REVISED RT STA 26+58.29
EDGE OF SHOULDER
DETOUR EASE. (T)
CONST. EASE. (T) 150'
CONST EASE (T) 50'
EXISTING ROW LIMITS
TO WILLISTON CENTER
ROUTE 2
SURVEY ℄
REVISED PT 26+39.96
PC 25+75.01
PT 24+71.19
RTE 2 STA 21+20 LT TO STA 21+10 RT NEW 18"x 60' OPTION PIPE
S77°13'10"E
REVISED ℄
2B-1 2B-2 2B-5 2B-6 2B-7 2B-8
12"AC Water Pipe
Hydrant
6" Force Main
GMP 85 NET 41
GMP 86 NET 42
GMP 87 NET 43
GMP 88 NET 44
GMP 89 NET 45
GMP 90 NET 46
(348')
(340')
(249')
(284')
WILLISTON LIMITED PARTNERSHIP
BURNETT & CARROLL
12"AC Water Pipe
EDGE OF SHOULDER
END FLARE EDGE OF RAIL
STA 21+62.5
STA 21+50
MATCH LINE
S73°05'49"E
291'
REVISED ℄ S.R.(T)
CURVE # 4 CONST. EASE.(T) REVISED ℄ 25+57.51 BACK = STA 25+57.46 AHEAD
23+58
45' RT. DRIVE RT.(T)
SEPTIC TANK
END FLARE STA 23+12.5 W
W-23
RTE 2 STA 23+60 RT TO STA 23+00 RT NEW 18" x 22' CSP GAUGE = 0.064 W/ 6'x6' OUTLET PAD TYPE I STONEFILL AND 2-18" CSP ELBOWS
REVISED ℄ CURVE 3 DATA
D = 2°
Δ = 4°07'20.63"
R = 2864.79'
T = 103.10'
L = 206.12'
E = 1.85'
REVISED PC 21+52 ℄ SHIFT FROM REVISED BASELINE 12' RT REVISED
STA. 21+10 RT TO STA. 21+10 RT NEW 18"x 22' OPTION PIPE W/ 2-18" OPTION ELBOWS
RTE 2 STA 21+10 RT TO STA 21+10 RT CONSTRUCT 2' WIDE SPECIAL DITCH WITH 2:1 S.S. AND TYPE I STONEFILL WITH 6'x 6' OUTLET PAD TYPE I STONEFILL
N708,750
826
824
2.5 Sty. Wood Frame House
Shed
Garage
BURNETT, WILLIAM S. & CARROLL, ELIZABETH B.
REVISED ℄ 26+00 END PROJECT BEGIN APPROACH
REVISED ℄ 26+50 END APPROACH
RTE 2 STA 24+15 RT TO STA 24+41 RT NEW 18" x 26' RCP CLASS III
BREAKAWAY CABLE TERMINAL FOR STEEL BEAM GUARD RAIL W/WOOD POSTS (SEE STD G-14)
REVISED ℄ CURVE 4 DATA
D = 2°
Δ = 3°17'56.36"
R = 2864.79'
T = 82.50'
L = 164.95'
E = 1.19'
TREATED TIMBER CURB
RTE 2 STA. 21+10, RT. TO STA. 23+20 RT.
STEEL BEAM
RTE 2 STA 21+
RTE 2 STA 21+
NOTE:
WHEN U.S. ROUT
OPERATION REM
PLACE 2" TOP
REMOVIN
DETOUR R
V.T. PLANE GRID
N

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
CROSS SECTIONED
BY
DATE
No.
STRUCTURE NOTATIONS CHECKED

U.S. ROUTE 2 REVISED ℄ STA 19+98.65 = ROUTE 289 STA 825+06.05
REVISED ℄ 26+50 END APPROACH
P.V.I. STA. 18+50 EL. 426.60
STA 19+21.90 END ROADWAY BEGIN BRIDGE
STA 20+73.41 END BRIDGE BEGIN ROADWAY
END STA. 21+25 (-) 18" OPTION PIPE
-2.40 %
-5.00 %
ORIGINAL GROUND
GRANULAR BORROW
P.V.I. STA. 22+50 EL. 417.00
P.V.C. STA. 24+50 EL. 412.20
P.V.I. STA. 25+50 EL. 409.80
REVISED ℄ STA. 26+00 END PROJECT BEGIN APPROACH
STA 26+97.63 REVISED ℄ STA 27+00.00 SURVEY ℄
P.V.I. STA. 25+50 EL. 404.80
12" WATER MAIN
6" SANITARY FORCE MAIN
VC = 800'
K = 148
VC = 200'
420
410
400
390
20
21
22
23
24
25
26
27
28
29
U.S. ROUTE 2

Keuffel & Esser Company

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

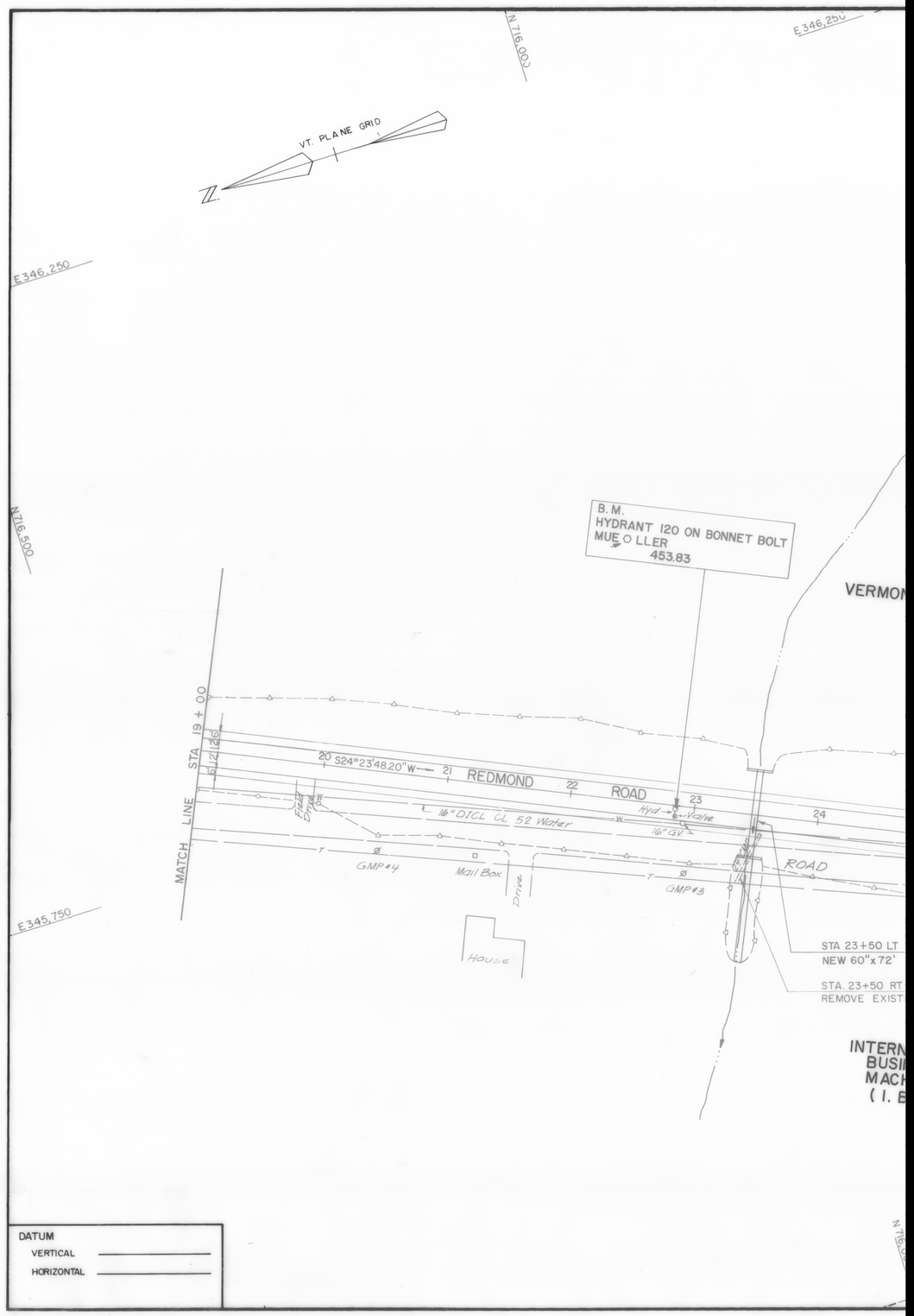
R. O. W. PLANS

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



N716,000
E346,250
VT. PLANE GRID
N
E346,250
N716,500
B. M.
HYDRANT 120 ON BONNET BOLT
MUELLER
453.83
VERMON
MATCH LINE STA 19+00
6 12 26
20 S24°23'48.20"W
21
REDMOND
22
ROAD
23
24
Hyd
Valve
16" DICL CL 52 Water
16" GV
Field Drive
GMP#4
Mail Box
Drive
GMP#3
ROAD
E345,750
House
STA 23+50 LT
NEW 60"x72'
STA. 23+50 RT
REMOVE EXIST
INTERN
BUSI
MACH
(I. B
DATUM
VERTICAL
HORIZONTAL

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

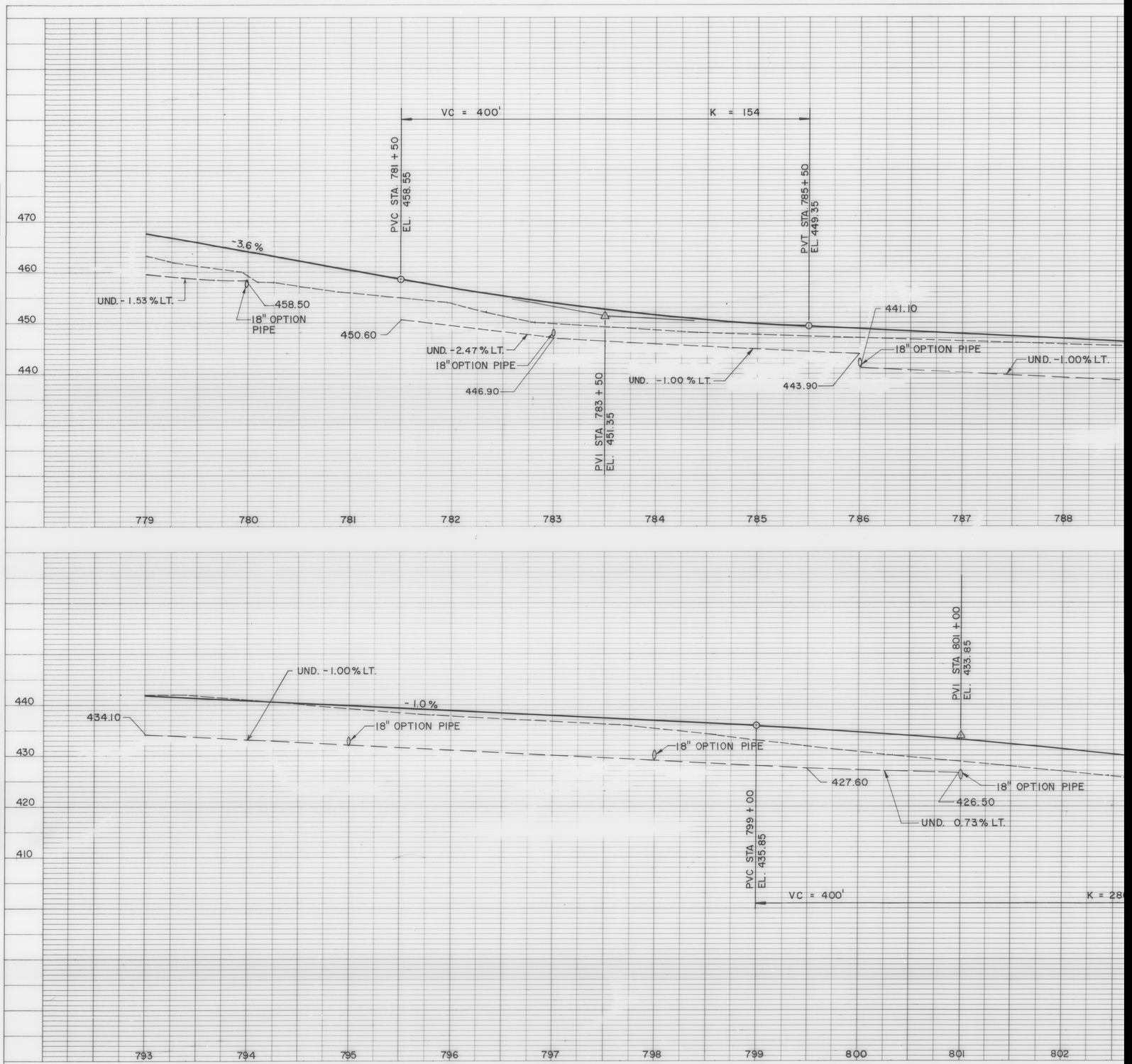
VERMONT ROUTE 289 (FA.P)
TOWN OF WILLISTON

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

SHEET 23 OF 26

PROFILE

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



PROFILE

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

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

399.50

UND. - 1.0% RT.

807 808 809 810 811 812

440
430
420
410
400
390
380

K=119

REV. @ U.S RTE 2

PVT. STA. 826+50
EL. 399.45

STA. 821+07.64
END ROADWAY
BEGIN BRIDGE

STA. 821+38.26
END BRIDGE
BEGIN ROADWAY

℄ 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

GRANULAR BORROW

381.00 +
GRANULAR BORROW
18" OPTION PIPE

PVI STA. 822+50
EL. 382.25

381.50

UND. +2.00% RT.

UND. +1.00% LT.

384.50

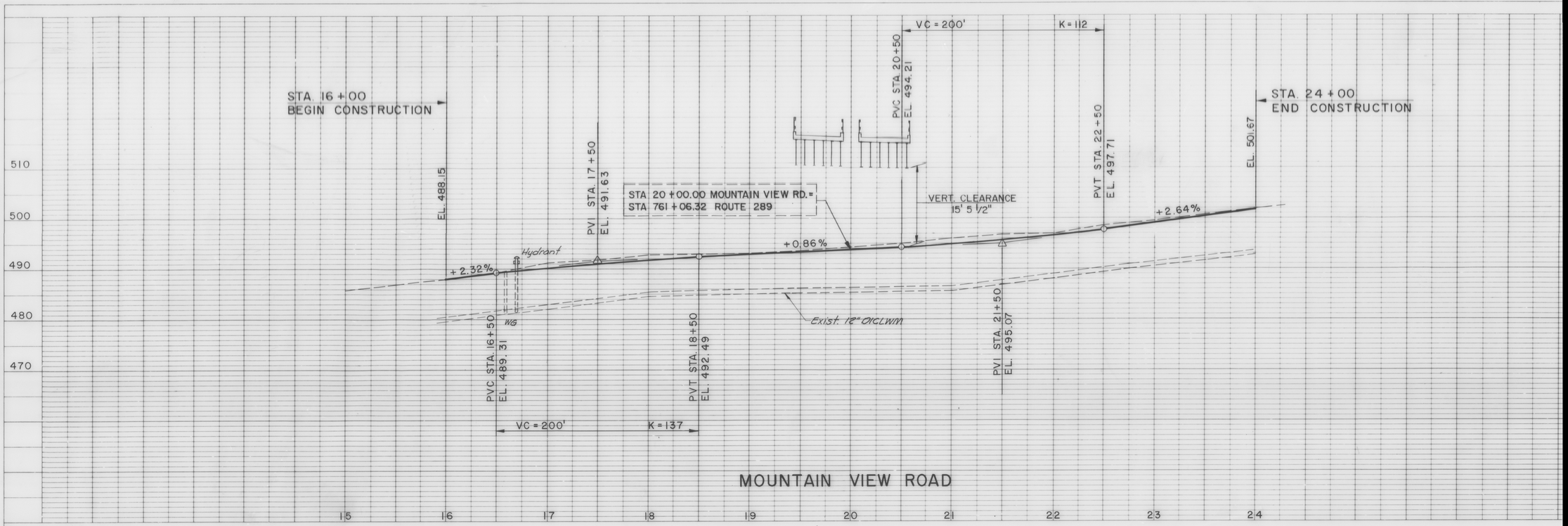
383.50

18" OP

821 822 823 824 825 826

PROFILE

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



MOUNTAIN VIEW ROAD

R.O.W.

SCALE IN FEET

0 25 50

10 5 0

SURVEYED BY PI
DRAWN BY M.
TRACED BY E.

VERMONT
TOWN

PROJ. WILLISTON
COLCHEST

SHEET 26

PROFILE

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

135139
MAKEPEACE