STATE OF VERMONT

DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

INTERSTATE PROJECT

TOWNS OF SHARON-ROYALTON

COUNTY OF WINDSOR

INTERSTATE ROUTE 89

WHITE RIVER JCT.-MONTPELIER ROAD

Row Project I 89-1(17)

Pin # 99R009

BEGINNING AT A POINT 1.464 MILES SOUTHEAST OF THE SHARON-ROYALTON TOWN LINE AND EXTENDING NORTHWESTERLY 2.918 MILES

LENGTH OF ROAD (5415.36 FEET) = 2.001 MILES
LENGTH OF BRIDGES 279.51 FEET = 0.051 MILE
LENGTH OF PROJECT 5400.17 FEET = 2.918 MILES

DESIGN	DESIGNATION
ADT	1980 1800
AVT	1980 2170
DHV	1980 810
D	56%
T	24%
V	60 MPH

PROJECT

Dated

PERINI CORPORATION
73 MT. WAYTE AVE.
FRAMINGHAM, MASS.

Commissioner of Highways

CONVENTIONAL SIGNS

COUNTY LINE		GROUND ELEVATION	
TOWN LINE		GRADE ELEVATION	
FENCE LINE		CURVE DATA	
STONE WALL		DEFLECTION ANGLE	D
UNPAVED PROPERTY		DEGREE OF CURVE	D
RIGHT R/W		RADIUS OF CURVE	R
TRAVELED WAY		TANGENT DISTANCE	T
RAILROAD		LENGTH OF CURVE	L
RETAINING WALL		EXTERNAL DISTANCE	E
CENTER LINE		POINT OF INTERSECTION	P.I.
SURVEY LINES		POINT OF CURVE	P.C.
		POINT OF TANGENT	P.T.
CULVERT		POINT OF SUPERELEVATION	P.S.
SIGN POST	SP		
POWER POLE	P		
TREE	T		
TELEPHONE POLE	TP		
WELL	W		

SEE RIGHT OF WAY DETAILS, SEE RIGHT OF WAY PLANS.

LIMITED ACCESS

INTERSTATE 89 TO MONTPELIER

TO WHITE RIVER JCT.

RIGHT-OF-WAY

SLOPE RIGHT-R

DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

MP 13.76 - 23.45

DIVISION ENGINEER

PROJECT I 89-1(17)

SHEET 1 OF 1 SHEETS

1/31/2000 d. k. by J. Lewis

7/22/69

ROW I89-1(17)

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
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
1 A	GEORGE B & DOROTHY M ROOT	1	740+45 LT	742+92 LT	0.4A LA	NONE							Drive & water "to Mcnary Cons End, Bldg, use existing
B		1	741+65 RT				SPRING (P)						
2 A	HERBERT J & MARION P ADAMS	1-2	742+30 RT	745+97 RT	3.4 A LA	NONE							House 36 from C & Horse
B			741+00 RT				SPRING (P)						
3	WILMER I & GRATIA L BROOKS	1	742+76 LT	773+53 RT	28.5 A LA	57.3A	DRAINAGE (P)						
		2-3	748+70 RT				DRAINAGE (P)						2 Springs, reservoir camp ruins
			748+00 RT										
			758+00 LT				DRAINAGE (P)						
			759+75 LT				DRAINAGE (P)						
			746+00 LT				DRAINAGE (P)						
			754+86 RT	769+43 RT									Loss of access (28.5 A+)
			768+16 LT	770+65 LT									Loss of access (0.9 A±)
			745+85 RT	746+00 RT			CHANNEL (P)						
4 A	DURWARD C & CHARLOTTE W WILMOT	2-3	768+41 LT	768+46 LT	0.36A LA	4.9 A							
			3610 00 LT RTE 14				DRAINAGE (P)						
B		2	758+47				SPRING (P)						
			762+50				TEMP EASE TO REMOVE BUILDING						
			3670 0 RTE 14				PIPELINE EASEMENT (P)						
5	HUDSON H & EDITH R FIFIELD	3	769+18 RT	771+20 RT	0.32A LA	0.66A							
6 A	HAROLD H & ILA L HOLMES	3,5	770+65 LT	783+20 RT	7.5A LA	97.2A							
B		3,4	1100 RT	1774+96 LT	3.6A								
C		3,5,6	783+42 RT	37+88 SMS	1.5A								
			777+07 RT				DRAINAGE (P)						
			781+00 RT				DRAINAGE (P)						
			14+50 RT	1745 LT			CHANNEL (P)						
			777+46 LT				DRAINAGE (P)						
			1145+58 SMS				DRAINAGE (P)						
7 A	CENTRAL VERMONT RAILWAY INC	3,4	778+84 RT	780+55 LT	0.1A	N/A							
			783+55 LT	784+60 RT			CROSSING EASEMENT (P)						
B		3,5,6	779+64 LT	784+16 RT	0.61 LA								
C		5,6	783+20 RT	45+00 SMS	2.5A								
			42+00 SMS	39+54 SMS			SLOPE (1 1/2:1) (T)						
D		4?	1178+16 ST	1176+98 LT			CROSSING EASEMENT (P)						
E			39+82 VT 107	39+42 VT 107	1.36 RDAs								
*	SEE DETAIL SHEET 2 OF 2												LOCATION OF HER "S.E." AREA.
8 A	DERRELL H. RIKERT ET. AL	3,5,7	764+50 LT	804+45 LT	20.4A LA	24.2A							
			765+64 LT				DRAINAGE (P)						
			766+36 RT				DRAINAGE (P)						
			789+00 LT				DRAINAGE (P)						
			797+60 RT				DRAINAGE (P)						
			801+75 LT				DRAINAGE (P)						
			802+00 LT				DRAINAGE (P)						
			804+00 RT				DRAINAGE (P)						
			805+00 RT				DRAINAGE (P)						
			809 00 LT				SPRING (P)						
B		7,8	1210+53 VT	1201 LT	0.1A±								
C		7, 8	1209+35 RT	1204+00 SMS	6.3A								
			1209+00 RT				DRAINAGE (P)						
			1210+00 LT				SLOPE (100'±) (T)						
			1211+00 LT				SLOPE (100'±) (T)						
			1201+00 RT				SLOPE (100'±) (T)						
			1204+16 LT				SLOPE (100'±) (T)						

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	1	Parcel 2C, Spring Rights Goods	7-26-65	MMS	
4	1,3	Parcel 8B, Parcel 3 Amount to Fritz Neiman Sold	7-6-65	EAB	
5	2,3	Parcel 2E Mrs's self area of R/A to Turk	7-6-65	EAB	
6	23,24	Parcel 3A, Marie Carpenter to/f 66 AT of land taken three cons.	7-6-65	EMB	
7	25,26	Parcel 3A, 2a 22 P & 1 Acre Subway his wife Marion Straw deeded all to Parcel and her daughter Sandra Jr.	7-7-65	EAB	
8	24	Parcel 6A, Divorce decree gives full title to land to Helen L. Page	7-7-65	EAB	
9	9,11	Parcel 4A Loss of access increased from 558 A± to 564± per Co. 125 also the total area acquired from 20.8 to 20.4	7-8-65	EAB	
10	15A	Parcel 5A, 4a taken per added because of design change	8-3-65	EAB	
11	43-45	Parcel 5B Take increased (0.1A) per Change Order #131	9-7-65	MMS	
12	2344	Parcel 5A Take increased (2.5 A±) per Change Order #131	9-7-65	MMS	
13	46,43	Parcel 5A Take decreased (2.1A±) and 5A Take decreased (0.5A±) per Change Order #151	9-7-65	MMS	
14	7	Parcel 8 Spring right, 6to 200+00 Lt added per Change Order #151	9-17-65	MMS	MHR
15	13	Parcel 13 Deleted parcel per Change Order #150	9-17-65	MMS	MHR
16	28,34 31	Parcel 4A Change in title per Change Order #158	9-17-65	MMS	MHR
17a	48,50	Parcel 7 Taken in title per Change Order #217	11-5-65	EAB	

LEGEND

- TAKING WITHOUT ACCESS
- TAKING WITHOUT ACCESS ALONG P/L PROPERTY LINES
- TAKING WITH ACCESS
- (T) TEMPORARY EASEMENT
- (P) PERMANENT EASEMENT
- SR SLOPE RIGHTS
- P/L PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

MADE BY: [illegible] DATE: [illegible]

CHECKED BY: [illegible] DATE: [illegible]

APPROVED: [illegible] DATE: [illegible]

APPROVED: [illegible] DATE: [illegible]

APPROVED: [illegible] DATE: [illegible]

STATE ENGINEER

STATE CONSTRUCTION (19)

ROW - con

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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
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
9 A	[illegible] & EDNA A. [illegible]	7,8	[illegible]	[illegible]	0.22 AC	0.54 AC							
B		7,8	[illegible]	[illegible]	1200 SF								
C		7	209+30 LT				SPRING (P)						
10	WILLIAM B. & JEANNE L. RENERT	7	5+40 RT 2+30 RT 6+40 RT 32+03 RT	2+30 RT	9.1 AC	20.5 AC	DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)						3 PARCELS
B		7,8	3+45	23+20	1300 SF								
C		7,8	3+17 RT	4+30 SKEW	0.04 AC								
		6	208+45	209+29									Loss of Access (0.04 AC)
11	MARGARET B. STEVENSEN	9	185+30 LT	192 RT	9.7 AC	71.2 AC							SEE PARCEL # 67
			8+20 SKEW RT FL+50 RT PC + 38° 198+30 LT	H. 344+17			DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)						Loss of Access (0.34 AC)
12 A	GALEN E. & HAZEL B. MUDGETT	9,11	9.5+41.7 838+30 RT 836+75 RT 834+30 RT 833+20 RT 832+20 RT 830+40 RT 741+50 RT 824+20 LT 854+00 RT 849+00 RT 825+50 RT 819+45 LT	853+26 RT	20.8 AC	76.2 AC	DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)						SPRING
B		11	855+50	854+55 LT			SPRING (P)						Loss of Access (56.14)
13	WILLETTE S. BARKER AND EDWARD H. BARNABY & LEVI T. BARNABY	11,12	854+55 LT 838+30 RT 836+40 RT 833+00 RT 831+50 RT 829+00 RT 827+50 RT 824+50 RT	870+30 RT	14.8 AC	35.2 AC	DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)						3 PARCELS
			824+50	819+10									Loss of Access (0.34)
14	MARIE L. BUTTON & MINNIE LANNE	12,13	871+00 LT 874+00 RT 861+50 RT 838+30 RT 832+00 RT 831+50 RT 827+50 RT	861+00 LT	17.6 AC	34.8 AC	DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)						
		12,13	870+40 LT	875+40 LT									Loss of Access (0.34)
		13	836+30 RT	849+00 LT									Loss of Access (0.04)
15	DELETE	12,13	836+30 RT	830+70 RT									Loss of Access (2.04)

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
17	4,1(2)	Parcel # 17, Wolfe sold 35 A to parcel # 54, Dumville, thereby changing both remainders	9-17-65	RMW	LRL
18	4	Parcel # 6 "Remainder" decreased (.39 AC) per Change Order # 205	1-3-66	MMG	
19	4	Parcel # 7 "Remainder" decreased (.3 AC) per CO # 220	2-4-66	MMG	
20	4	Parcels 16B3 reduced to take: # 5(5.1 AC), # 10(.03 AC), # 32A(.03 AC), # 32B(.01 AC), # 53A(.12 AC) # 53B(.07 AC) per Change Order # 236.	2-10-66	MMG	
21	22,24	Parcel # 31.4 Take decreased (.03 AC), Loss of Access decreased (.06 AC), Change in property line, per Change Order # 290.	3-9-66	MMG	
22	22,24	Parcel # 32 Take increased (.03 AC), Loss of Access increased (.06 AC), Change in property line, per Change Order # 291.	3-9-66	MMG	
23	2,23	Parcel # 79 (Central Vermont Public Service) - Added (0.20 AC) Parcel # 29 A increased (.01 AC) and Parcel # 29 reduced (1396 SF) by addition of this parcel previously omitted per Change Order # 298	3-18-66	MMG	
24	11,12	Parcel # 12 Notes of consent of timber rights and a ROW added per Change Order # 300	3-21-66	RAF	
25		Parcel # 7 ADDED. Central Vermont Railway Inc. Gives Slope Rights (S) Stations 10+56 - 29+08 (0.74 AC), 39+42 - 54+28 (1003 SF), 52+42 - 57+21 (1675 SF), 12+50 - 46+00 (1950 SF) AT, including right to construct and maintain highway signs (P) at Sta 25+00 (600 SF), 27+00 (300 SF), 29+00 (900 SF) AT, within slope easement. Added Easements (P) Sta. 35+30 (300 SF), + 42+80 (450 SF) AT, for purpose of construction and maintenance of highway signs. Cont.	3-22-66	MMG	

LEGEND

TAKING WITHOUT ACCESS

TAKING WITHOUT ACCESS ALONG PROPERTY LINES

TAKING WITH ACCESS

(T) TEMPORARY EASEMENT

(P) PERMANENT EASEMENT

SR SLOPE RIGHTS

PROPERTY LINE

TOP OF CUT

TOE OF SLOPE

MADE BY [illegible] DATE 2-24-65

CHECKED BY [illegible] DATE [illegible]

APPROVED [illegible] DATE [illegible]

APPROVED [illegible] DATE [illegible]

APPROVED [illegible] DATE [illegible]

STATE CONSTRUCTION

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Row - Con

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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
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
16A	MINNIE LAHUE	13	879+60	885+10	0.75 LA	15.86							
B		13,14	890+21	903+89	10.5A LA								
			892+50 RT				DRAINAGE (P)						
			895+30 RT				DRAINAGE (P)						
			899+30 RT				DRAINAGE (P)						
			899+00 LT				DRAINAGE (P)						
17A	NEAL & ERASTUS T. NUDGETT	14-17	902+59 LT	956+50 RT	2.86 A LA	2.38 A							
			903+75 LT				DRAINAGE (P)						
			904+00 LT				DRAINAGE (P)						
			935+50 RT				DRAINAGE (P)						
			936+00 LT				DRAINAGE (P)						
			937+75 LT				DRAINAGE (P)						
			940+00 LT				DRAINAGE (P)						
			941+50 RT				DRAINAGE (P)						
			949+00 LT				DRAINAGE (P)						
			943+25 RT				DRAINAGE (P)						
			944+50 LT				DRAINAGE (P)						
			946+50 LT				DRAINAGE (P)						
			946+50 RT				DRAINAGE (P)						
			949+00 RT				DRAINAGE (P)						
15		11, 13	951+20	953+23	1.22								
C		11, 13	954+84 RT	20+ LT	0.2 A								
			51+75 RT				SLOPE EASEMENT (P)						
			1+45 RT				DRAINAGE (P)						
18A	ELLA M. & MARION V. BRIDGE	12, 13	9+31.2 LT	96+44.6 RT	3.04 LA	6.84 A							
			0+24.0 LT				DRAINAGE (P)						
B		13	46+15 TR #3	48+ / 1993	0.10 AC								
9	ANDREW & VIRGINIA R. MAIR	17, 9	8+16 TR #4	93+29 TR #3	0.82	2.12 A							
20	ARTHUR W. & JESSIE - VAN DEUSE	17, 18	32+07 TR #4	1+57 TR #2	1.0A	2.0A							
21A	KATIE NAUMANN	17	931+35 LT	94+45 RT	4.6A LA	2.94							
3		1, 3	99+25 TR #3	984+35 LT	1.6 A								
22A	F. & GORDON TUTHILL	17, 20	936+21 RT	956+50 RT	4.8 A LA	7.8 A							
		17, 20	937+45 LT	955+25 LT									
5		17, 18	940+ TR #3	6+12 TR #3	0.4A								
			941+50 LT				SLOPE EASEMENT (P)						
			943+70 LT				DRAINAGE (P)						
			951+15 LT				DRAINAGE (P)						
			951+75 LT				DRAINAGE (P)						
			941+60 RT				DRAINAGE (P)						
			940+50 RT				DRAINAGE (P)						
			942+50 RT				DRAINAGE (P)						
			95+50 LT				DRAINAGE (P)						
			953+50 LT				DRAINAGE (P)						
			615+50 LT				DRAINAGE (P)						
23	THEODORE & ELLA M. THOMSON	20	941+41 RT	951+00 RT	2.0A LA	18.5A							
			946+50 RT				DRAINAGE (P)						
			949+00 RT				SLOPE EASEMENT (P)						
			948+50 RT				DRAINAGE (P)						

Spring Loc. Sta. 950+ 670 Rt

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
25 Cont		Added Drainage Rights & Pipe Easements (P) at Stations 13+70, 27+90, 29+60, 35+68, 36+30, 43+15, 44+90 RT. Added Parcel #75E Sta. 34+27-35+62 Rt. (9618 sft) for purpose of construction and maintenance of Bridge Mark #35+10. Parcel #51 (1.60 Ac. Channel Rights (P) (3103ft) Sta. 29+35-29+61 RT, due to Pipe and Drainage Easement Sta. 28+60 Rt. on C.V.R.R., Per Change Order # 293.294.			
26	49	Parcel # 78 Take reduced (0.1A)+, parcel # 77B take increased (0.19A), per Change Order # 305	3-25-66	RMW	
27.	35	Parcel #47A - Added channel rights per change order #318	4-7-66	RMW	
28.		Parcel #56 Change of title per Change Order # 337.	5-16-66	RMW	
29	1-3	Parcels # 2&3, Change R/L between Adams & Brooks, Add 9.2A± taking to Brooks, Reduce Adams taking to 3.4A±. Increase Brooks total area to 60.8A±. Decrease Adams total area to 49.2A± per Change Order # 345	5-19-66	RMW	
30	22,23	Parcel #57 eliminated, Par. # 58 eliminated (spring relocated outside "Taking"), and Parcel #60 (gor.rt) added per Change Order # 356	6-1-66	RJP	
31	42	Parcel #63, Drive shown as "Drive Right" added & designated at "Necessity Hearing" (signed Sept 21, 1965) and per Change Order # 357	6-2-66	RJF	
32	23	Parcel #80, Eliminated per Change Order # 412	7-27-66	dcf	
33	36	Parcel # 47 Taking line revised per memo from B.M. Lane, per Change Order # 414	7-29-66	dcf	RMW
34	1	Par. # 21, Easements not shown (corr. was 1965, deeded per Sale to Union Camp 12-16-66) reactivated per Change Order # 443	Dec 67	"	"

LEGEND

——H——H—— TAKING WITHOUT ACCESS

——H——P_L——H—— TAKING WITHOUT ACCESS ALONG PROPERTY LINES

——————— TAKING WITH ACCESS

(T) TEMPORARY EASEMENT

(P) PERMANENT EASEMENT

——GR——SR—— SLOPE RIGHTS

——————————— PROPERTY LINE

---A---A---A-- TOP OF CUT

---O---O---O-- TOE OF SLOPE

MADE BY [illegible] DATE 12-26-66

CHECKED BY [illegible] DATE 12-28-66

APPROVED [illegible] DATE 4-10-67
ASST. CHIEF ENGINEER

APPROVED [illegible] DATE 4-11-67
CHIEF ENGINEER

APPROVED [illegible] DATE 4-12-67
DIRECTOR OF PUBLIC WORKS

SHARON-ROYALTON
ROW 1-CO-1(17) CONSTR. 1 39-1(32)
SHEET 21 OF 23 SHEETS

STAGE I CONSTRUCTION + Recd

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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	OWNER'S NAME	SHEET NO.	BEGINNING STA.	ENDING STATION	TAKING	REMARKS	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
								FEE	7/14/67	ROYALTON	17	290	
								COND.					
28A	[illegible]	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	FEE	7/14/67	ROYALTON	17	290	
								COND.					
B		22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						3.9Ac. [illegible]
		22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
		LT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
29	OTTO A. YEARSLEY, EST.	20,21	975+00	980+30	NONE		LIMITED ACCESS ALL RIGHTS TO HWY	ADM. DEED	7/5/67	ROYALTON	17	208	Loss of Access (LOA)
28A	RAYMOND C. BAILEY	22	966+82 LT	978+83 RT	13.7 LA	660A	LIMITED ACCESS (R)	FEE	7/14/67	ROYALTON	17	290	
			977+25 LT				LIMITED ACCESS (R)	COND.					
B		23	976+18 RT.	977+14 RT.	.02A±								
28B	HENRY A. MARTIN III (DONALD)	24	[illegible]	976+56 RT	0.2A LA	NONE		FEE	6/26/67	ROYALTON	17	149	House, Barn, Sh., Barn
			[illegible]				SPACE OF R	WD					
29A	RUTH E. McGRAIL	22,23	975+54 RT.	978+83 RT.	.40A±	1.26A±							
B			977+14 RT.	978+17 RT.	.04A±								
30	HENRY J. & MATHALIE M. BOBAL (Life)	22,23	975+00 LT	980+00 LT	43. LA	53A		FEE WD		ROYALTON			7 BARNS
			(RECORD) PR 977+00 LT	981+32 LT			DRAINAGE (R)						Loss of Access (LOA)
31A	HOWARD J. BOBAL (Life)	23,24	977+14 RT	979+00 RT	1.1A± LA	2.43A±							3.9Ac. Loss of Access (38.1A)
			981+32 LT	980+00 LT			DRAINAGE (R)						
			977+14 RT				DRAINAGE (R)						
5		24	977+14 RT	983+62 LT	12.0A LA		DRAINAGE (R)						
			983+62 LT				DRAINAGE (R)						
			982+45 RT				DRAINAGE (R)						
			979+00 RT										

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
36	22	Revised [illegible] Parcel #28B Increase in Remainder to Publish Station 979+60, per Change Order # 564	1-12-67	[illegible]	[illegible]
37	22 & 30	Parcel #40 & B Change of Owner's name from Kinney to Zeilinski per Change Order # 569	1-16-67	[illegible]	[illegible]
38		Parcel #5, Change of Title Known as C. C. Munson et al, per Change Order # 568	1-16-67	R.J.P.	[illegible]
39		Parcel #32, Change of Title per Change Order #591	2-3-67	R.J.P.	T.C.B.
40		Parcel #20, Remainder Deleted due to sale of land, per Change Order #589	2-8-67	R.J.P.	T.C.B.
41	A	Parcel #6B Additional Remainder on Parcel #B, Decrease in Remainder of Parcel #6 Per Change Order #595	2-10-67	R.J.P.	T.C.B.
42	22	Parcel #62, Change in Name from Preston to McIntyre per Change Order # 596	2-16-67	R.J.P.	T.C.B.
43	28&30	Parcel #40A & B Change in Title La Vigne to Dumont per Change Order # 601	2-20-67	M.A.H.	[illegible]
44		Parcel #12, Total Area reduced per Change Order #597 (20A±)	2-23-67	R.J.P.	T.C.B.
45	34,35	Parcel #46, Change of Ownership from Knatky to Druge & Lodler per Change Order #606	2-24-67	R.J.P.	T.C.B.
46	22,23	Parcel #79A Increase in Total Area Per Change Order # 615	3-6-67	R.J.D.	[illegible]
47	23	PARCEL #35 - DELETE THE NAME LOIS M. EDDY AS PER CHANGE ORDER #618	3-13-67	C.E.L.	
48	C	Parcels 17A, B & C - Remainder changed was 268.2 A.± per Change Order #623.	3-16-67	J.R.	[illegible]

LEGEND

- TAKING WITHOUT ACCESS
- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
- TAKING WITH ACCESS
- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- SR — SR — SLOPE RIGHTS
- PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

APPROVED [illegible] DATE [illegible]
APPROVED [illegible] DATE [illegible]
APPROVED [illegible] DATE [illegible]

SHEET 5 OF 5 SHEETS
1-67-1(17)

PLOTTED BY [illegible] DATE [illegible]
CHECKED BY [illegible] DATE [illegible]

22
ROW
5

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKINGS	ITEM	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
32 A	G. A. TEAR & LOOMIS	22,24	104+46.6 LT 103+44.1 RT	1090+92.2 LT 1092+50.0 LT	12.164 LA	8.176 A							
33 A	ELLIS J. & ELIZABETH TAY	24	990+47.2	991+65.8	0.44 LA	0.24							Loss of Access (10%)
B		22	988+56.9 T				SPRING (P)						
C		24	992+40.5 T				SPRING (P)						
34	WESLEY C. & ELAINE A. TAYLOR	24	992+52.2 LT 992+52.2 LT 994+11.4 RT	995+78.8 LT 995+78.8 LT	3.5 A LA	1.8 A	DRAINAGE (P)						4 SPRINGS Loss of Access (1.3A±)
35	HOWARD S. EDDY	25	1030+13.9 RT 1031+52 LT 1031+83 LT 1032+80 RT 1033+30 RT	12.8 A LA	3.42 A		DRAINAGE (P) DRAINAGE (P)						Loss of Access (25.9A±)
36	MASON I. & GWENDOLYN M. BUSHWAY	25	1037+37 RT 1038+35 LT 1039+50 RT 1052+50 LT 1060 ± RT	1033+2 LT 1034+23 LT	17.0 A LA	5.49 A	DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)						Loss of Access (35.0A±)
37	WILLIAM S. FARRELL	26,27	1033+50 RT 1034+23 LT 1034+50 RT 1034+50 LT 1035+00 RT 1035+00 LT 1035 ± RT 1037+50 RT 1037+75 RT 1039+50 RT 1039+54 RT	1040+84 LT 1040+84 LT	4.6 A LA	4.4 A	DRAINAGE (P) PIPE LINE EASEMENT (P) DRAINAGE (P) PIPE LINE EASEMENT (P) DRAINAGE (P) PIPE LINE EASEMENT (P) DRAINAGE (P) DRAINAGE (P)						SAWMILL, CAMP Loss of Access (3.9A±)
38 A	TOWN OF ROYALTON	26	1034+81 RT 1034+83 RT 1035+00 RT	1035+39 RT	0.24 A LA	1000 ±	PIPE LINE EASEMENT (P) PIPE LINE EASEMENT (P)						TOWN GARAGE, SOUTHSIDE
B			931+55 LT	936+80 RT			ALL R. T. & I. in to T.H. #13						
C			1050+70 RT	1062+65 LT			ALL R. T. & I. in to T.H. #36						
D			1130+85 RT	1131+90 LT			ALL R. T. & I. in to T.H. #2						
			1133+85 RT				DRAINAGE (P)						
E			1165+20 ± Rt.	1168+40 ± Lt.			ALL R. T. & I. in to T.H. # 35						
F			43+61.4 ± Rt.	45+63.3 ± Rt.			ALL R. T. & I. in to T.H. # 22						

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
D-1	20	Outlet of drainage changed to 1483.2 Rt	1-9-67	RKH	
D-2	21	Pipe eliminated - 965+22 Rt	1-9-67	RKH	
D-3	21	Pipe outlet shifted to 965+96 Rt	1-9-67	RKH	
D-4	21	Pipe added 967+10 Rt - 967+35 Lt	1-9-67	RKH	
D-5	13	Pipe added, Access Easement	1-9-67	RKH	
D-6	13	Pipe added, T.H. #13	1-9-67	RKH	
D-7	17	Pipe Outlet changed to 1039+40 Lt	1-9-67	RKH	
D-8	27	Pipe Outlet changed to 1039+54 Rt	1-9-67	RKH	
D-9	27	Ditching added 1039+50 Rt - 1040+84 Rt	1-9-67	RKH	
D-10	29	Pipe added, 984.00 Lt	1-9-67	RKH	
D-11	30	Brooks Dept. Pipe added to plans	1-9-67	RKH	
D-12	35	Outlet Under ram added 1134+01 Rt	1-9-67	RKH	
D-13	37	Pipe added, 1+5 Drive	1-9-67	RKH	
D-14	37	Pipe Outlet changed to 62+98 Rt	1-9-67	RKH	
D-15	37	Drive added, 21+00 Rt	1-9-67	RKH	
D-16	39	Catch Pass added, 1163+50 Rt	1-9-67	RKH	
D-17	39	Pipe added, 1164+00 Lt	1-9-67	RKH	
D-18	39	Pipe changed from 1166+30 Lt to 1166+30 Lt	1-9-67	RKH	
D-19	40	Pipe Outlet changed to 1120 Rt	1-9-67	RKH	
D-20	43	Pipes changed FE #60 to Tred #4	1-9-67	RKH	
D-21	43	Pipe outlet changed to Elmac 1042 Rt	1-9-67	RKH	
D-22	43A	Pipe and ditch added TH #32 44+50 Rt	1-9-67	RKH	
D-23	43A	Pipe added TH #32 0+32 Lt	1-9-67	RKH	
D-24	43A	Special Ditch added VT 107 (1+73 - 2+07 Rt)	1-9-67	RKH	
D-25	43A	Pipe added VT 107 24+12	1-9-67	RKH	
D-26	44	Pipe changed from Elmac 18" 1400 to 8+50	1-10-67	RKH	
D-27	46	Pipe added 1119+92	1-10-67	RKH	
D-28	45	Drainage system added VT 107 35+00 to 44+00 Lt	1-10-67	RKH	
49	24	Parcel's 32&33 Change of Property Line, Increases take on Fay by 0.1 Ac., and Decreases take on Loomis by 0.1 Ac., Per Change Order # 682	5-8-67	R.P.D.	
50	24	Parcel 32 Added Spring Per Change Order # 683	5-8-67	R.P.D.	
51	11 & 12	New Parcel Added Parcel 81 Per Change Order # 681	5-8-67	R.P.D.	
52	22	Parcel # 71 Changed Interest in Spring From 1/3 to 1/4, & Added new Parcel # 32 Per Change Order # 695	5-10-67	R.P.D.	
53	22	Parcel # 83 Spring Added, New Parcel Per Change Order # 698	5-11-67	R.P.D.	

LEGEND

- TAKING WITHOUT ACCESS
- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
- TAKING WITH ACCESS
- (T) TEMPORARY EASEMENT
- (P) PERMANENT EASEMENT
- SR — SLOPE RIGHTS
- PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

MADE BY: [illegible] DATE: [illegible]

CHECKED BY: [illegible] DATE: [illegible]

APPROVED: [illegible] DATE: [illegible]
FOR STATE HIGHWAY ENGINEER

APPROVED: [illegible] DATE: [illegible]
FOR DIVISION ENGINEER

APPROVED: [illegible] DATE: [illegible]
FOR FEDERAL HIGHWAY ADMINISTRATION

SWANTON-ROYALTON
I-89-1(17)

SHEET 23 OF [illegible] SHEETS

23

ROW

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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKINGS	REMS	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
39A	FRANK H. FARRELL	27,28	1039+57.9 RT	1062+46 LT	18.0 A± LA	87.0A±							SHED 20'S ASPHALTS CAMP
			1040+00 ""	1059+51 LT									Less 1.4± Access (7.0 Rem)
			1040+50 RT				CONC. LINE LIMITATION (T)						2 SPRINGS
			1041+50 RT				DRAINAGE (T)						
			1042+50 RT				DRAINAGE (P)						
			1053+00 RT				DRAINAGE (P)						
			1047+50 LT	1048+50 LT			SLOPE (200 ±') (P)						
B		28,30	1054+00 RT±	1058+08 RT±	0.3 A								
40A	WILLIAM R. SKINNER	28,30	1054+75 RT	1060+37 RT	1.44	0.2A							
B		28	1058+08 RT	1059+68 RT	0.1A LA								
41A	JOHN O. KILBURN	28	1059+60 RT	1070+07 RT	6.4 A LA	21.3A							
B		28,30	1059+88 RT	1062+86 RT	0.7A								
C		29,24	1062+43 LT	1066+07 LT	0.9A								
			1062+50 RT				DRAINAGE (P)						
			1065+00 RT				DRAINAGE (P)						
			1067+00 RT				DRAINAGE (P)						
			1070+00 RT				DRAINAGE (P)						
			1064+00 RT	1066+00 RT			CHANNEL (P)						
42	HAROLD & ALICE KILBURN	28	1057+00 RT	1060+00 RT			ALL R. T & I IN & TO R.O.W.						
43A	HARRIET L. JENNINGS	28	1059+81 LT	1062+43 LT	1.0 A LA	180.5A							
B		23,29	52+50 Th "36	1061+84 LT	1.5A								
44A	LEON W. ENGLISH	29,31	1066+77 LT	1076+36 LT	5.32 Ac	177A							
			1070+45 RT	1075+15 RT									
B		29,28	52+50 Th "36	1066+26 LT	0.8A								Loss of Access (1 I/A)
			1073+00 RT				DRAINAGE (P)						
			54+00 RT				DRIVE (T)						
			56+00 Th "36 Lt				DITCHING (P)						
			56+00 Th "36 Lt				DRAINAGE (P)						
45	GARDNER S. DEWEY	31,32	1075+15 RT	1091+07 LT	10.7 A LA	137.8A							
			1075+15 RT	1090+31 RT									
			1091+00 LT				DRAINAGE (P)						Loss of Access (1 I/A)
			1090+10 LT				DRAINAGE (P)						

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
54	3&5	Parcel #2F, Includes Total area around 4 Piers and 2 Aout and not area between stations per Change Order #649	4-11-67	RJP	TGS
55	28,29, 31	Parcel #44, Change name to Leon W. English as per Change Order #648	4-12-67	C.E.L.	TGS
56	F	Parcel #39 Change Total Acreage as per Change Order #653	4-14-67	C.E.L.	TGS
57	29	Parcel #44B Deleted Drainage Sta. 54+00 Rt. Added Drive Sta. 54+00 Rt. Changed Ditching From Sta. 54+00 Lt. To Sta. 56+00 Lt. Per Change Order #664	4-24-67	R.P.D.	
58	28,31	Parcel #44A Reduced take From 5.5 Acres to 5.32 Acres Per Change Order #732	6-1-67	R.P.D.	
59	43A & 43B, 42	Delete the following parcels: 540 75 B.F.D. 76, 77, 78	6-13-67		
	49	Change taking line on parcel no 53A#B and reduce taking. All changes due to removal of frontage 100' per Change Order No. 742.			
60	23	New Parcel Added #84, Spring Rights Per Change Order # 810	8-11-67	R.P.D.	
61	22	New Parcel added #85 Spring Rights per Change Order 860	10-24-67	M.A.R.	
62	20	New Parcel added #86 all Right Title and Interest in Spring. STA -351+13, 267' 3L. FT per Change Order #852	10-31-67	M.A.R.	
63	38	CREATED NEW PARCEL # 87, CHANGED TAKE LINE TAKING & REMAINDER PARCEL #47A CO.-1205	7-1-68	R.L.F.	
64	H&N 6&1	PARCEL #36 Recomputed Area. Change Order #1596	6-1-70	K.M.D.	

MADE BY: L. C. Brace DATE 1-18-65

CHECKED BY: [illegible] DATE 1-19-65

LEGEND

- —H— — — —H— TAKING WITHOUT ACCESS
- —H— $\frac{P}{L}$ —H— TAKING WITHOUT ACCESS ALONG PROPERTY LINES
- ——— TAKING WITH ACCESS
- (T) TEMPORARY EASEMENT
- (P) PERMANENT EASEMENT
- ——SR—— SLOPE RIGHTS
- ——— PROPERTY LINE
- —— ℄ —— ℄ —— R/W OR CUT
- —O— O — O — TOE OF SLOPE

APPROVED [illegible] DATE 1-19-65

APPROVED [illegible] DATE 1-19-65

APPROVED [illegible] DATE 1-19-65

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RCW 7

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
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
46	JOSEPH C & DOROTHY D MCLAUGHLIN	32-34	1126+43.1RT	1125+51.7	28.6A LA	3.2+A							
			1131+37.9RT	1131+50RT									LOSS OF ACCESS (17.6A±)
			109+50RT				DRAINAGE (P)						
			92+50LT				DRAINAGE (P)						
			1094+50RT				DRAINAGE (P)						
			1098+00RT				DRAINAGE (P)						
			1101+50RT				DRAINAGE (P)						
			1103+00RT				DRAINAGE (P)						
			1106+00RT	1112+50RT			SLOPE (0.1A±) (P)						
			1111+00RT				DRAINAGE (P)						
			1112+50RT				DRAINAGE (P)						
			1115+50LT				DRAINAGE (P)						
			1093+50RT				DRAINAGE (P)						
			1092+00RTLT	1094+00RTLT			CHANNEL (P)						
			1110+00RT	1112+00RT			CHANNEL (P)						
47A	GEORGE F & MARINE A GATES	34-38	1123+00RT	1145+70LT	24.7A LA	LEFT 52.0A±	DRAINAGE (P)						
			1127+00LT			RIGHT 37.1A±	DRAINAGE (P)						
			1129+50LT				DRAINAGE (P)						
			1134+00LT										
B		35,36	2+50 TO 6	11+50 TO 6	1.8A								CHICKEN COOP
C		35-37	1133+00RT	26+00 TO 6	2.6A								
			22.92 RT				DRAINAGE (P)						
			7+00 TO 6	7+50 TO 6			DRIVE (T)						
			17+16 TO 6				DRIVE (T)						
			14+84 TO 6				DRAINAGE (P)						
		35	1128+00	1130+25LT	RT		CHANNEL (P)						
		37	21+00 RT				DRIVE (T)						
48A	JOHN H & ANNE DRUGE (H&W)	34	1116+00RT	1125+96.4	1.9A LA	14.5A							HENHOUSE, SPRING
B	& WILLIAM G & PHYLLIS A LODDER	35	1124+06RT	1131+17RT	1.6A LA								
			1122+00RT				DRAINAGE (P)						
			1107+50RT				DRAINAGE (P)						
			1123+50RT				DRAINAGE (P)						
			1119+00RT				DRAINAGE (P)						
			1128+00RT	1130+00RT			CHANNEL (P)						
49A	DONALD A & MARGARET A BIBEAU	38-41	1147+31RT	1171+34LT	25.1A LA	20.9A							SPRING
			1150+60RT				DRAINAGE (P)						
			1151+40RT				DRAINAGE (P)						
			1161+50RT				DRAINAGE (P)						
			1124+50LT				DRAINAGE (P)						
			1126+30LT				DRAINAGE (P)						
			1136+50RT				DRAINAGE (P)						
B		40	7+20 TO 6	11+66+PERT	0.3A								
C		41,42	1167+79LT	1197+85LT	1.4A								
			19+68 LT				DRIVE (T)						
50A	CLYDE W. GILMAN & ROBERT D GILMAN	42	1169+36.1	2+100 TO 6	0.5A	35.3A							
			45+00 RT				DRAINAGE						
B		41	1170+72LT	1171+39LT	0.2A LA								

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
65	22,27, 28,29	Relinquish Section of Taking From NB Sta. 375+42 to NBSt. 390+87 Southerly 365'±	7/13/70	WEB.	T.P.A.
	04I 13AI	To Town of Royalton, Eliminating Parcels #27B, 27A1B, 29, and 79A1B Also Reducing Area of Parcels #27A, #28A, and #30. Creating Parcel #88 Per Change Order # #1609			
66	22,23, 27,29A	Parcels 27B, 29A1B, 69, 79A1B Returned, Parcel 88 Deleted, from Plan & Detail Sheets (Returned Parcels Have Been Relinquished to Town of Royalton - See Change #65)	1/19/71	W.E.B.	T.P.A.

LEGEND

- TAKING WITHOUT ACCESS
- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
- TAKING WITH ACCESS
- (T) TEMPORARY EASEMENT
- (P) PERMANENT EASEMENT
- SR — SLOPE RIGHTS
- PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

MADE BY: [illegible] DATE: 1-8-68

CHECKED BY: [illegible] DATE: 1-8-68

APPROVED: [illegible] DATE: 1-8-68
PROGRAM SUPERVISOR

APPROVED: [illegible] DATE: [illegible]
CHIEF ENGINEER

APPROVED: [illegible] DATE: 4-13-68
DIRECTOR OF PLANNING

CHELTON-ROYALTON
I-89-1(17)
SHEET 6 OF 41 SHEETS

25

ROW

5

STATE OF VERMONT

DEPARTMENT OF HIGHWAYS

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
51A	CLIFFORD H & MILDRED F FORD	41	1171+69 RT 1174+38 & 1171+92 LT	1175+39 LT 1175+99 LT	3.3 A LA	~~17.7~~ 12.2	WATER PIPE CROSSING(P)						
B		41, 43, 44, 45	RAMP "A" STATIONING 4+00 RAMP "A"	RAMP "A" STATIONING	22.24 A LA		DRAINAGE (P)						Loss of Access (9.6A) CHICKEN COOPS
C		45	22+37 RT ±	23+63 RT ± 107	0.6 A								
			22+33 VT 107	22+67 VT 107 RT			CHANNEL (370 S.F.)(P) & DRAINAGE						
52A	DREW A & MACHAEL W GORDON & NATHANIEL D GORDON	43, 44	20+95 ± RT VT 6+60	11+93+02 LT 11+93+17 LT	16.6 A LA	2.0 A							Loss of Access (1.45A)
B		43	25+38 RT ± 107	31+50 RT ±	1.0 A								
53A	NELLIE V PERLEY & MELBOURNE A PERLEY	43	25+81 RT ± 107	6+60 RP "A"	1.54 A ±	157.98 A ±							
B		43a	19+26 RT ± 107	28+30 RT ± 107	0.26 A ±								
54A	ROBERT W & HELEN P DUMVILLE	44	11+29 RAMP "A"	11+93+00	2.2 A LA	187.0 A							See parcel #54B on sheet 1(2).
			11+50 RAMP "A" 14+00 RAMP "A" 16+16 RAMP "A"				DRAINAGE (P) DRAINAGE (P) DRAINAGE (P)						
			11+93+11 ±	12+02+16 LT ±									Loss of Access (3.8A ±)
55A B C	SO ROYALTON GRADED SCHOOL DISTRICT	22	930+50 LT 930+60 LT 930+82 ± LT				SPRING (P) SPRING (P) SPRING (P)						
56	BLANCHE M. STODDARD	17	939+60 RT				SPRING (P)						
57	STEWART L. & ELIZABETH B DOW	20	944+45 ℄				WATER PIPE CROSSING(P)						
58A B	MERRILL H BOHANNEN, EST	22	0.78+90 LT 979+23 LT				SPRING (P) SPRING (P)						
60A B C	IRMA FOLSOM	22	979+92 RT 979+45 RT 980+20 RT				SPRING (P) SPRING (P) SPRING (P)						
61	GERALD & MARION B. BALLOU	22	979+75 RT				SPRING (P)						
62	NORMAN H & COLLEEN Y McINTYRE	22	986+30 RT				SPRING (P)						
63A B	WILLIAM H. & EVA L LEMERY	24	999+80 ℄ 995+65 LT				WATER PIPE CROSSING(P) SPRING (P)						

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1a	H	Change of taking, rem. & loss of access due to adding of a frontage rd on parcel 52.	6-11-65	LWB	
2	H	Additional acreage & slope rts on parcel 53 due to frontage rd mentioned in revision #1	6-11-65	LWB	
3	H	Removing of some drainage rts, reducing of acres taken, removal of the loss of access due to frontage rd mentioned in revision #1 plus the dividing of two I89 projects on this property which is parcel # 54	6-11-65	LWB	

LEGEND

- TAKING WITHOUT ACCESS
- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
- TAKING WITH ACCESS
- (T) TEMPORARY EASEMENT
- (P) PERMANENT EASEMENT
- SR SLOPE RIGHTS
- PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

MADE BY S. E. Chase DATE 2-14-65

CHECKED BY [illegible] DATE 2-65

APPROVED [illegible] DATE

APPROVED [illegible] DATE

APPROVED [illegible] DATE

SECTION PROJ. NO. I-89-1(12)

SHEET 26 OF [illegible]

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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
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
68	[illegible]	4	300+50 ℄				WATER PIPE CROSSING (W)	FEE COND	7/14/67	ROYALTON	17	290	
		4	302+50 RT										
		4	302+50 LT										
		4	304+50 RT					FEE W.D.	6/7/67	ROYALTON	17	148	
		4	304+50 LT					FEE COND	7/14/67	ROYALTON	17	290	
67	[illegible]	4						FEE COND		SHARON			LOSS OF ACCESS (A)
69	CLIFFORD & MARJORIE ELLIS	23,23	978+93 RT	979+48 RT	3000 SQFT.	0.8A±							
		23	978+93 RT					FEE COND	7/14/67	ROYALTON	17	290	
		23	978+93 RT					FEE W.D.	6/24/67	ROYALTON	16	424	
		23	978+93 RT					FEE W.D.	4/19/67	ROYALTON	16	424	
		23	978+93 RT					FEE W.D.	3/1/67	ROYALTON	16	358	
1A	[illegible]	3						FEE COND		SHARON			
B		3	783+00 RT	783+30 RT	0.2A±								
C		3	784+20 RT	784+35 RT									
	[illegible]	4	784+00 RT				SLOPE (GRANT) (O)						
		4	784+00				(1,000 SF±)						
		4	784+00				(RIGHT)						
		4	784+00				(100 FT)						
		4	784+00	784+30			SIGN EASEMENT (600 SF±) (O)						INSIDE SLOPE
		4	784+00	784+30			(300 FT)						" "
		4	784+00										" "
		4	784+00										
		4	784+00				(1,500 SF±)						
		4	784+00				OGR WATER & PIPE EASE. (P)						
		4	"	"	"	"	"						
		4	"	"	"	"	"						
		4	"	"	"	"	"

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS

DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING Ac.	REM. Ac.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
54B	Robert W. & Helen P. Dumais	16a 16b	11+93+00	12+02+42	6.8								
			11+93+50	Lt			Drainage (P)						
			11+93+56	Lt			Drainage (P)						
			21+20	Rt			Channel (P)						
			20+00	20+75 Lt			Slope (100')						
75A	Edson & Barbara P. Brown	17 18	12+02+16	12+09+36	5.9	11.54 Ac.							
			12+02+16 Lt	12+09+36 Lt									Loss of Access (LOA)
C			12+19+72	12+42+49	16.7								Sewer Drain & Station
			12+23+00				Drainage (P)						
			12+25+50	Rt			Drainage (P)						
			12+28+00	Rt			Drainage (P)						
			12+30+00	Rt			Drainage (P)						
			12+31+50	Rt			Drainage (P)						
			12+33+00	Rt			Drainage (P)						
			12+33+70	Rt			Drainage (P)						
			12+35+50	Rt			Drainage (P)						
			12+37+30	Rt			Drainage (P)						
			12+38+00	Rt			Drainage (P)						

TABLE OF REVISIONS

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

LEGEND

- TAKING WITHOUT ACCESS
- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
- TAKING WITH ACCESS
- (P) PERMANENT EASEMENT
- (T) TEMPORARY EASEMENT
- SR SLOPE RIGHTS
- PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

MADE BY: S. Bolio DATE 2-11-66
CHECKED BY: R.C.H. DATE 2-11-66

APPROVED [illegible] DATE 2-14-66
RESIDENT ASSISTANT
APPROVED [illegible] DATE 2-14-66
DISTRICT ENGINEER
APPROVED [illegible] DATE 2-14-66
R.O.W. ENGINEER

SHARON - ROYALTON I 89-4(7)
SHEET 1 OF 1 SHEETS
SHEET NO. 28

ROW

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO	GRANTOR	SHEET NO	BEGINNING STATION	ENDING STATION	TAKING Ac	REM. Ac	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
77	Robert A. & Virginia H. Wilkinson	4849	1209+33 1218+75	1213+84 Rt	8.4	36.6±	Drainage (P)	FEE COND	7/14/67	Royalton	17	290	
79A	Central Vermont Public Service Corp	22,23	977+67 Rt.	979+40 Rt.	.28±	0							
B			978+17 Rt.	979+15 Rt.	.09±	0							
80	Chamberlaine, Gerald R.	1	743+00 Rt 745+00 Rt	745-9 Rt	NONE	458.±	CHANNEL (P) DRAINAGE (P)	FEE COND		Sharon			

TABLE OF REVISIONS

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

LEGEND

- TAKING WITHOUT ACCESS
- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
- TAKING WITH ACCESS
- (P) PERMANENT EASEMENT
- (T) TEMPORARY EASEMENT
- SR SR SLOPE RIGHTS
- PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

MADE BY L. Blow DATE 6-6-65

CHECKED BY K.C.H DATE 6-16-65

APPROVED [illegible] DATE 6-17-65
PRESIDENT, PUBLIC SERVICE BOARD

APPROVED [illegible] DATE 8-19-69
R.W. ENGR.

APPROVED [illegible] DATE 6-21-65
R.O.W. ENGR.

SHARON - ROYALTON I 89-1(11)

SHEET 1 OF 1 SHEETS

29
ROW

12

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET
OF

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
81	BARNABY, EDWARD H. & LEVI F.	11 & 12	854+55 Lt.	872+30 Rt.	N.A.	N.A.	Right of Way to Lumber Rts.	FEE COND	7/14/67	ROYALTON	17	290	
		11 & 12	854+55 Lt.	872+30 Rt.			Lumber Rights						
82	EATON, BLANCHE	22	980+30 Lt.		N.A.	N.A.	1/6 Interest in Spring & Aqueduct (P)	FEE WD	7/6/67	ROYALTON	17	213	
83	PRESTON, ELLA M.	22	986+00 Rt.		N.A.	N.A.	Spring	FEE COND	7/14/67	ROYALTON	17	290	
84	WHEELER, HOWARD E. & JUANITA A.	23	979+50 Rt.		N.A.	N.A.	Spring	FEE WD	10/11/67	ROYALTON	17	244	
85	PARKER, PAUL B. & ROBERTA L.	22	980+30 LT.		N.A.	N.A.	1/4 Interest in Spring & Aqueduct	FEE WD	11/17/68	ROYALTON	17	241	
			980+45 LT.				1/4 Interest in Spring						
			980+ LT.				1/4 Interest in Spring						
86	ROGERS, ERNEST W. & MARY E.	20	951+13		N.A.	N.A.	ALL RIGHT TITLE & INTEREST IN SPRING	FEE WD	10/10/67	ROYALTON	17	245	
87	GATES, GEORGE F. & MAXINE R. (WEIGHING STATION)	38	1144+63	1146+43	0.38	NONE		FEE WD		ROYALTON			SEE #47 FOR REMAINDER
88	DELETED												REV #66

TABLE OF REVISIONS

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

LEGEND

- PRESENT R.O.W.
- TAKING WITHOUT ACCESS
- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
- TAKING WITH ACCESS
- (P) PERMANENT EASEMENT
- (T) TEMPORARY EASEMENT
- SR SLOPE RIGHTS
- PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

MADE BY: A.P.D. DATE 5-8-67

CHECKED BY: E.W.B. DATE 5-10-67

APPROVED: [signature] CHIEF OF ACQUISITION DATE 5-10-67

APPROVED: [signature] PROPERTY ENGINEER DATE 5-10-67

APPROVED: [signature] R/W ENGINEER DATE 5-10-67

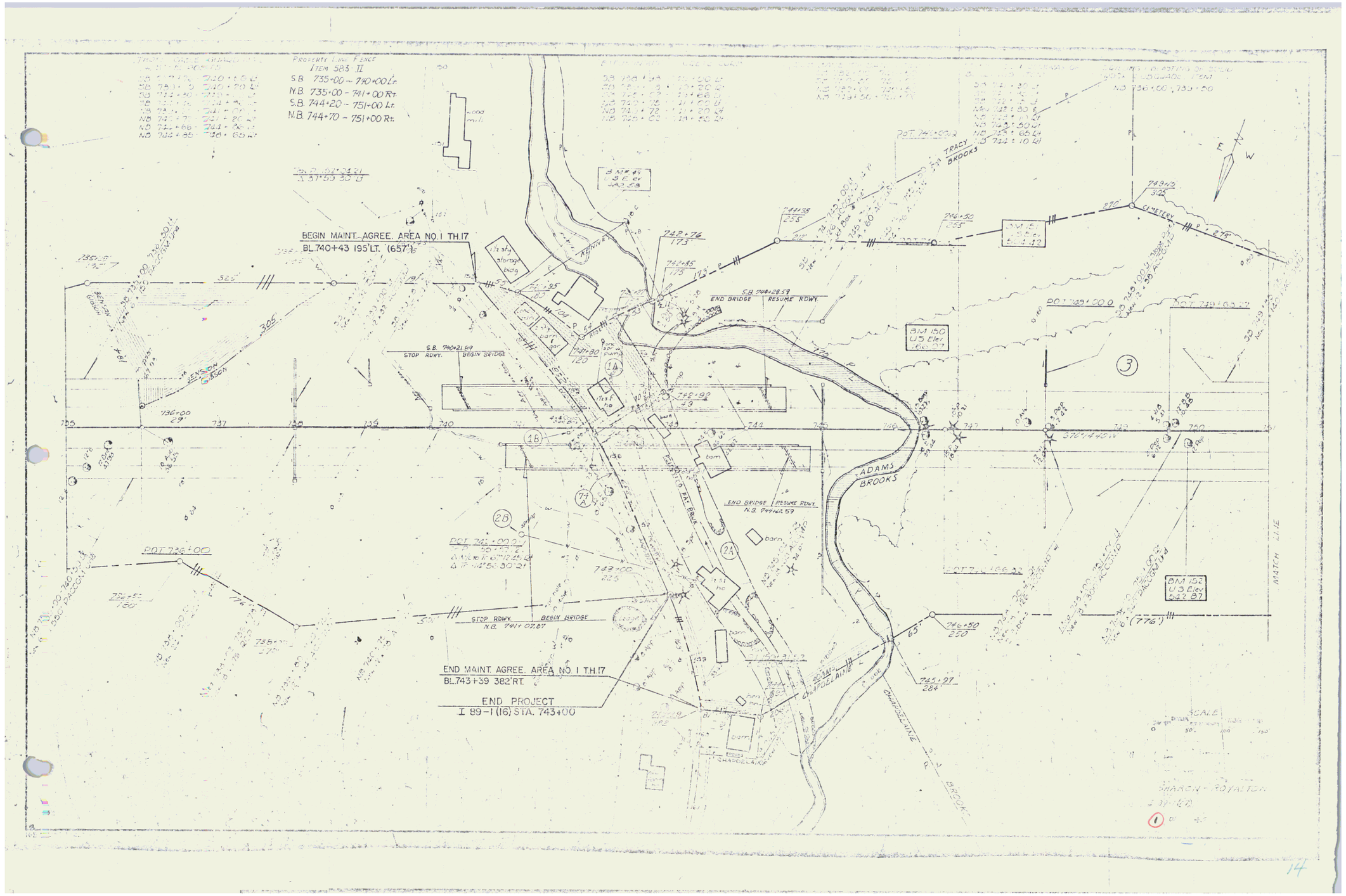
PROJECT: SHARON ROAD(16)

NO. 169-1(17)

SHEET 28A OF

28A

ROW 13


PROPERTY LINE FENCE
ITEM 583 II
S.B. 735+00 ~ 740+00 Lt.
N.B. 735+00 ~ 741+00 Rt.
S.B. 744+20 ~ 751+00 Lt.
N.B. 744+70 ~ 751+00 Rt.
BEGIN MAINT. AGREE. AREA NO. 1 TH. 17
BL. 740+43 195' LT. (657')
END MAINT. AGREE. AREA NO. 1 TH. 17
BL. 743+39 382' RT.
END PROJECT
I 89-1(16) STA. 743+00
S.B. 740+21.69
STOP RDWY.
BEGIN BRIDGE
N.B. 741+07.87
S.B. 744+28.59
END BRIDGE
RESUME RDWY.
N.B. 744+48.59
POT 738+00
POT 741+00.0
POT 744+00.2
POT 749+63.32
BENSON
GIBSON
TRACY
BROOKS
ADAMS
BROOKS
CHADDELAINE
BM 150
U.S. Elev.
866.07
BM 152
U.S. Elev.
842.87
CEMETERY
SCALE
MATCH LINE

THREE CABLE GUARD RAIL
with STEEL POSTS, ITEM [illegible]
SB 765+19 (753+19 Lt
SB 765+50 761+00 Lt

DRILLING & BLASTING OF SOLID ROCK
EXCAVATION, ITEM [illegible]
SB 753+00 - 757+50
NB 752+00 - 758+100
NB 760+50 - 767+00

SUBBASE OF SAND, ITEM
SB 751+00 - 753+25
NB 751+00 - 752+75

DEMOLITION & REMOVAL OF
BUILDINGS, ITEM 596
NB 764+40 Rt
SB 764+65 Lt
NB 766+10 Rt
SB 766+50 Lt
NB 766+50 Rt

PROPERTY LINE FENCE
w/STEEL POSTS, ITEM 583-II
S.B. 751+00 - 767+00 Lt.
N.B. 751+00 - 767+00 Rt.

SB 751+00-752+30 Lt
New 6" x 150 PACCGMU

Mod 751+00-752+30
New 18" x 72 RCCGMP

SB 752+75 Lt
New 18" x 78 RCCP, CI II

751+75
213

CEMETERY

675'

758+50
215

3'x6' stone masonry reservoir

Iron pipe

BM 155
U3 Elev.
522.58

SB 759+75-762+50 Lt
Construct Special Ditch

SB 759+00-NB 760+00 Rt
N=-24 x 780 +14.98 ACCGMP-I MMT
W 13' Vert Riser

POST 760+9765

D1 762+52.26
762+50.74

SB 762+50 763+00 Lt. Rt
New 18" x 122' RCPP CI II

POST 764+72.43

764+38
145

BM 157
U3 Elev.
499.83

SB 766+00 Rt
New 18" x 116 ACCGMP
Elbows

building ruins

cabin

766+11

MATH

WILMOT BROOKS

2½ s.f.

gar.

SB 766+00-767+00 Lt
Construct Berm Ditch

POST 752+03.52

POST 755+67.50

POST 757+45.35

S 70°-14'-40" W

753 754 755 756 757 758 759 760 761 762 763 764 765 766 767

12"RCP 13.50

12"RCP 13.84

3'x3' SCO 8.82

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4B

BM 153
U3 Elev.
580.87

BM 154
U3 Elev.
582.00

BM 156
U3 Elev.
565.49

754+26
250'

1200'

207 P

P 208

PT 765+95.39

NB 752+75 Rt
New 18" x 78 RCCP CI II

NB 752+75-753+50 Rt
New 18" x 150 PACCGMU

NB 759+75-760+00 Rt
Construct Type 'D' Ditch
Fill for Slope Protection

PC 759+70.61

Δ 9°-15'-02" Rt
D 1°-20'
R 4297.18
T 347.65
L 693.78
E 14.05

NB 760+75-766+00 Rt
New 8' x 532' PACCGMU

NB 766+00 Rt-Lt
New 18" x 78 RCCGMP

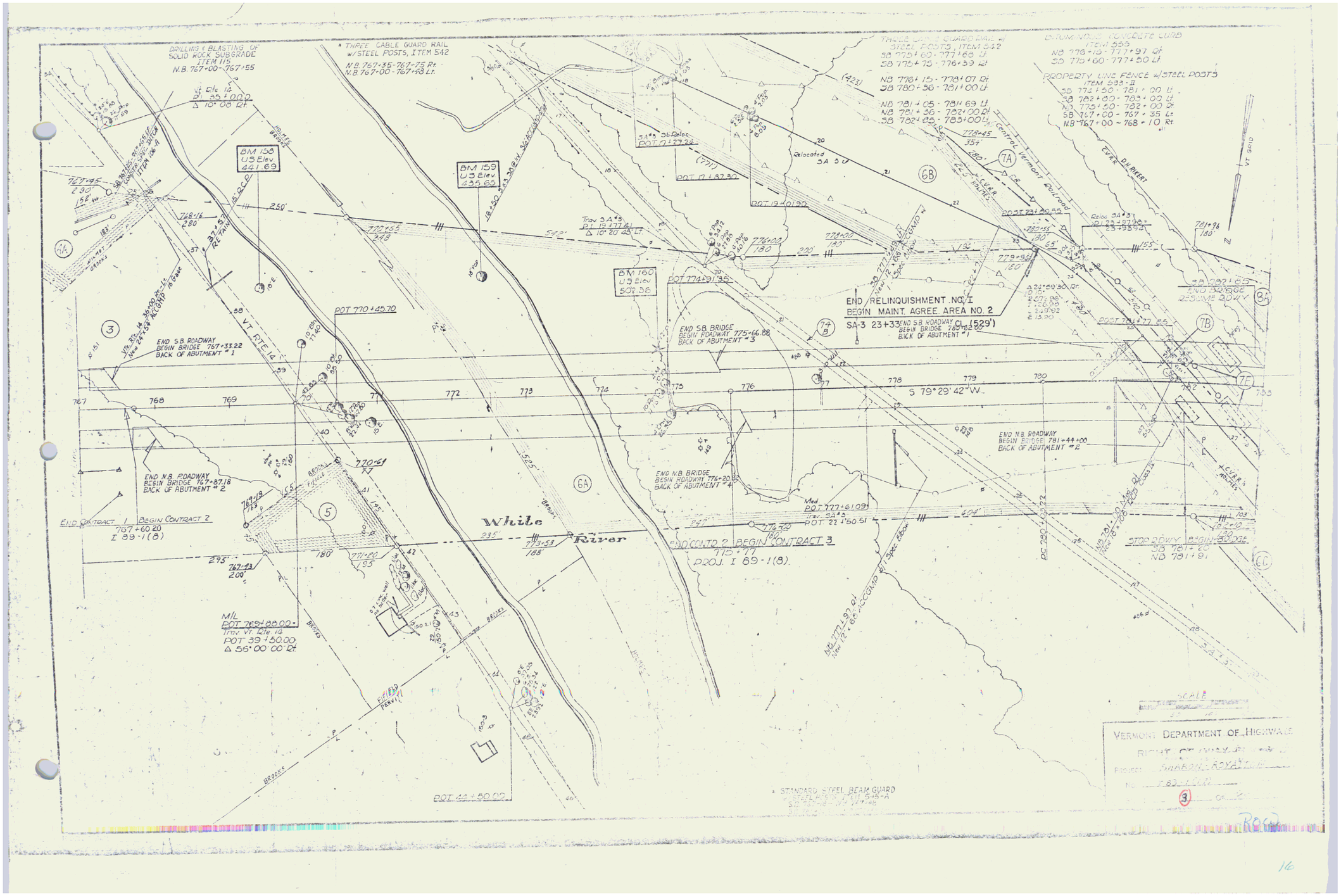
old reservoir

(295)
754+50
210'

SCALE
0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON - ROYALTON
CONTROL OF ACCESS NO. I 89-1(17)
COMPLETE ON THIS SHEET
SHEET (2) OF 47

ROW
15


DRILLING & BLASTING OF SOLID ROCK SUBGRADE ITEM 115
N.B. 767+00 - 767+55
* THREE CABLE GUARD RAIL w/STEEL POSTS, ITEM 542
N.B. 767+35 - 767+75 Rt.
N.B. 767+00 - 767+98 Lt.
THREE CABLE GUARD RAIL w/ STEEL POSTS, ITEM 542
SB 775+60 - 777+68 Lt
SB 775+75 - 776+39 Rt
NB 776+15 - 778+07 Rt
SB 780+56 - 781+00 Lt
NB 781+05 - 781+69 Lt
NB 781+36 - 782+00 Rt
SB 782+02 - 783+00 Lt
BITUMINOUS CONCRETE CURB ITEM 556
NB 776+15 - 777+97 Rt
SB 775+60 - 777+50 Lt
PROPERTY LINE FENCE w/STEEL POSTS ITEM 583-II
SB 774+50 - 781+00 Lt
SB 782+80 - 783+00 Lt
NB 775+50 - 782+00 Rt
SB 767+00 - 767+35 Lt
NB 767+00 - 768+10 Rt
BM 158 US Elev. 441.69
BM 159 US Elev. 435.65
BM 160 US Elev. 507.56
Vt Rte 14 PI 35+00.0 Δ 10°08' Rt
Trav 3A13 PI 19+77.41 Δ 10°20'45" Lt
Relocated 3A 5 U
Reloc 3A13 PI 23+87.90 Δ 23°45'02"
POT 770+45.70
POT 774+91.35
POT 779+87.80
POT 782+55.65
POT 784+40.92
END RELINQUISHMENT NO. 1
BEGIN MAINT. AGREE. AREA NO. 2
SA-3 23+33
END S.B. ROADWAY CL (529')
BEGIN BRIDGE 780+82.66
BACK OF ABUTMENT #1
END S.B. ROADWAY
BEGIN BRIDGE 767+33.22
BACK OF ABUTMENT #1
END S.B. BRIDGE
BEGIN ROADWAY 775+66.88
BACK OF ABUTMENT #3
END S.B. BRIDGE
END ROADWAY 781+65
RESUME 2DWY
END N.B. ROADWAY
BEGIN BRIDGE 767+87.18
BACK OF ABUTMENT #2
END N.B. BRIDGE
BEGIN ROADWAY 776+20
BACK OF ABUTMENT #4
END N.B. ROADWAY
BEGIN BRIDGE 781+44.00
BACK OF ABUTMENT #2
END CONTRACT 1 BEGIN CONTRACT 2
767+60.20
I 89-1(8)
END CONTR 2 BEGIN CONTRACT 3
775+77
PROJ. I 89-1(8)
STOP 2DWY BEGIN BRIDGE
SB 781+20
NB 781+91
M/L POT 769+28.00
Trav. Vt. Rte 14
POT 39+50.00
Δ 55°00'00" Rt
POT 42+50.00
White River
S 79°29'42" W
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT OF WAY
PROJECT SHARON - ROYALTON
NO. F 89-1(8)
SCALE
3
16

REMOVAL & DISPOSAL of PRESENT GUARD RAIL, ITEM 549
TRAV. 15+85 - 17+55 Rt
TRAV. 15+90 - 17+40 Lt.

TWO CABLE GUARD RAIL
ITEM 541
16+02 - 18+50 Rt
17+00 - 18+36 Lt.

BEGIN RELINQUISHMENT NO. I
SA-3 11+00 CL. (1233')

Δ 16°20'45" Lt
D 6°
R 954.93
T 137.15
L 272.43
E 9.80
bank ½ in 12"

Δ 24°39'30" Rt
D 10°
R 572.96
T 126.98
L 249.92
E 13.90
bank 1 9/16 in 12"

BM #161
U3 Elev
322.68

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON - ROYALTON
No. ZSS-021
SHEET 4 OF

SA #3

SCALE

THREE CABLE GUARD RAIL
ITEM 542
SB 783+00 - 783+31 Lt.
SB 783+03 - 783+91 Rt.

NB 783+87 - 784+43 Rt.
NB 797+48 - 799+00 Rt.

PROPERTY LINE FENCE w/STEEL POSTS
ITEM 583.11
SB 783+00 - 799+00 Lt.
NB 783+80 - 799+00 Rt.

12 SUB BASE OF SAND
ITEM 202
SB 787+00 - 796+00
NB 787+00 - 796+00

BITUMINOUS CONCRETE CURB
ITEM 555
NB 797+48 - 799+00 Rt.

GRAVEL BACKFILL, ITEM 222-A
S.B. 786+00 - 793+25 Lt.
N.B. 787+25 - 792+50 Rt.

CONSTRUCT U-TURN
788+50

STANDARD STEEL BEAM GUARD RAIL
w/STEEL POSTS, ITEM 545-A
S.B. 783+00 Rt. - N.B. 783+54 Lt.

TBM 162
U.S. Elev.
581.11

BM 161
U.S. Elev.
522.68

BM 163
U.S. Elev.
562.33

BM 164
U.S. Elev.
522.85

788+50
350'

P.I. 788+21.66
787+81.76

530'

490'

373'

796+50
140'

784+00
130'

220'

N 68°31'21"W

S 79°29'42"W

Δ 31°59'57" Rt
D 2°
R 2864.79
T 821.44
L 1599.96
E 118.42
bank 5% in 12"

END S.S. BRIDGE
BEGIN ROADWAY
783+05.54
BACK OF ABUTMENT

END N.B. BRIDG.
BEGIN ROADWAY
782+33.35
BACK OF ABUTMENT

Central Vermont Railroad

SCALE
0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLAN
PROJECT STRAFFORD-ROYALTON
NO. I 89-1(12)
SHEET 5 OF 14

REMOVAL & DISPOSAL of PRESENT GUARD RAIL, ITEM 549
Trav. 36+80 - N2 39+80 Lt
Trav. 36+95 - N2 39+80 Rt

TWO CABLE GUARD RAIL
ITEM 541
38+25 - 40+25 Rt

D.H. RIKERT, ETAL
C.V.R.R.

W. RIKERT
C.V.R.R.

Δ 13°04'45" Lt
D 2°30'
R 229.183
T 302.83
L 603.17
E 20.00
bank 9/16 in 12'

Telephone

END MAINT AGREE. AREA NO. 2
BEGIN RELINQUISHMENT NO. II
SA-3 28+62 CL. (1438')

END RELINQUISHMENT NO. II
SA-3 43+00 CL.

SCALE

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SUMPOX-ROTATION
No. IS9-1(12)
SHEET 6 OF

19

THREE CABLE GUARD RAIL
ITEM 542
SB 800+00 - 808+16 Lt
NB 799+00 - 809+32 Rt

BITUMINOUS CONCRETE CURB
ITEM 555
SB 800+00 - 808+16 Lt
NB 799+00 - 809+32 Rt

DRILLING & BLASTING of SOLID ROCK SUB-GRADE, ITEM 115
SB 811+00 - 813+00
SB 814+50 - 815+00
NB 811+00 - 812+50
NB 814+50 - 815+00

PROPERTY LINE FENCE W/ STEEL POSTS
ITEM 585-II
SB 799+00 - 800+50 Lt
SB 800+80 - 812+00 Lt
NB 799+00 - 801+10 Rt
NB 801+40 - 815+00 Rt

DRILLING & PRESPLITTING OF SOLID ROCK ITEM 125
MED. 814+50 - 815+00

BEGIN RELINQUISHMENT NO. III
SA-4 15+50 CL. (75')

S.B. 800+79.20
END RDWY.
BEGIN BRIDGE

S.B. 801+02.00
END BRIDGE
BEGIN RDWY.

SB 801+30 Lt New 12" 30° ACCGMP w/ 2 Spec. Elbows & Stone Fill @ Outlet

SB 802+00 Med. Lt New 18" x 122' ACCGMP w/ 2 Spec. Elbows & Stone Fill @ Outlet

SB 803+00 Lt New 18" x 64' RCCP, Cl. III

BM 166
US Elev
459.56

BM 167
US Elev
507.68

D.J. RIKERT, ETAL
W. RIKERT

STEENKEN
W. RIKERT

S. HARON SCHOOL DIST. STEENKEN

VT. GRID

641'

NB 809+00 Lt New 24" x 76' RCP Class IV

NB 813+00 Lt New 18" x 84' RCP, Class III

END RELINQUISHMENT NO. III
BEGIN MAINT. AGREE. AREA NO. 3
SA-4 16+25 CL. (325')

END MAINT. AGREE. AREA NO. 3
BEGIN RELINQUISHMENT NO. IV
SA-4 19+50 CL. (350')

END ROADWAY
BEGIN BRIDGE
N.B. 801+13.04

BM 165
US Elev
491.33

END BRIDGE
RESUME ROADWAY
808+55.84 N.B.

NB 801+30 Lt New 18" x 76' RCCP

old schoolhouse

NB 804+00 Lt New 12" x 66' ACCGMP w/ 2 Spec. Elbows

NB 805+00 Med. Rt New 18" x 168' ACCGMP w/ 2 Spec. Elbows & 2 Coupling Bands at all Joints

D.J. RIKERT ETAL
W. RIKERT

NB 809+00 Rt New 12" x 128' ACCGMP w/ 2 Spec. Elbows

NB 809+00 Med. Rt New 18" x 84' ACCGMP w/ Stone Fill @ Outlet

STEENKEN
W. RIKERT

NB 813+00 Med. Rt New 24" x 76' RCP, Class IV

BM 168
US Elev
543.61

END RELINQUISHMENT NO. IV
SA-4 23+00 CL.

SCALE
0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON - ROYALTON
No. IR 2-1(17)
SHEET 7 OF

20

TWO CABLE GUARD RAIL
ITEM 541
21 + 21 - 22 + 25 Lt.

Δ 32° 43' 00" Lt
D 10°
R 572.96
T 168.18
L 327.17
E 24.18

Δ 23° 56' 10" Rt
D 7°
R 818.51
T 173.51
L 341.94
E 18.19

BM # 165
US Elev.
491.39

SCALE

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT: SHARON - ROYALTON
NO. I 89-1(17)
SHEET 6 OF 45

21

THREE CABLE GUARD RAIL
ITEM 542
NB 827+72 - 831+00 Rt
SB 830+00 - 831+00 Lt

BITUMINOUS CONCRETE CURB
ITEM 555
NB 827+72 - 831+00 Rt

DRILLING & PRESPLITTING OF SOLID ROCK ITEM 125
Med. 815+00 - 817+50
Med. 843+50 - 826+00

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
SB 815+00 - 819+00
NB 815+00 - 817+50
SB 821+00 - 826+50
NB 821+00 - 826+50

PROPERTY LINE FENCE w/STEEL POSTS
ITEM 583.11
SB 815+00 - 831+00 Lt
NB 815+00 - 831+00 Rt

12" SUB-BASE OF SAND
ITEM 202
SB 819+00 - 824+00
NB 821+00 - 824+00

816+00
380'
(691)
222'
818+00
280'
SB 817+50 Lt. Med
New 18" x 84" RCP, Cl. III
232'
820+00
180'
SB 820+50 Lt. Med
New 18" x 84" RCP Cl. III
SB 817+50 823+45 Lt
New 6" Underdrain w/
Geotextile Fabric
FD @ 817+50 & 823+45
SB 823+50 Lt. Med
New 18" x 76" RCP
w/ 45° Spec. Elbow
Surf. POST 823+56.40
971'
BM 170
U.S Elev.
601.79
SB 823+50 Lt. Med
New 24" x 88" RCP Cl. III
Survey
PI 828+15.87°
827+89.36
BM 171
U.S. Elev.
572.55
Revised
PI 828+23.97°
827+97.46
829+41
130'
Surv
POST 829+69.29
(2595)
POT 815+32.13
67
M18
460'
N 68° 30' 21" W
815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831
18"P 20.43
18"P 20.71
15"P 15.01
8"P 8.07
8"P 8.10
8"P 8.25
8"P 8.64
N 46° 45' 19" W
11
12A
BM 169
U.S Elev
581.47
818+00
180'
510'
1119'
823+55
180'
(2595)
NB 827+50 Med. Pt
New 24" x 112" RCP Class III
Constr. Out. Ditch w/Riprap Mod
for Culvert Ends
Rev. P.C. 817+23.17
NB 830+50 Med. Pt
New 24" x 118" RCP, Cl. III
NB 823+50 Med. Pt
New 18" & 24" RCP Cl. III
Constr. Out. Ditch w/ Riprap
Mod for Culvert Ends
NB 827+50 Med. Pt
New 24" x 100" RCP Class III
SURV. & REV.
Δ 21° 45' 02" Rt
D 1°
R 5729.58
T 1100.98
L 2179.05
E 104.80
bank 9¼" in 12"
NB 830+00 Rt
New 12" x 28" ACCGM 90
w/2 Spec. Elbows
NB 830+70 Rt
New 18" x 28"
22° Vert. Bend
NB 830+75 - 831+00 Rt
Construct Inlet & Precast Dike
BM 172
U.S Elev
527.20
SCALE
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT
No
SHEET 9 OF

22

THREE CABLE GUARD RAIL
ITEM 542
NB 831+00 - 841+32 Rt.
NB 843+68 - 845+76 Rt.
SB 843+26 - 843+74 Lt.
SB 831+00 - 831+60 Lt.

BITUMINOUS CONCRETE CURB
ITEM 555
NB 831+00 - 840+50 Rt.

GRAVEL BACKFILL, ITEM 222-A
SB 845+25 - 847+60 Lt.

PROPERTY LINE FENCE w/STEEL POSTS
ITEM 653-II
SB 831+00 - 847+00 Lt.
NB 831+00 - 847+00 Rt.

12' SUBBASE OF SAND
ITEM 302
SB 833+25 - 837+00
SB 839+00 - 842+40
SB 846+00 - 847+00
NB 838+50 - 842+82
NB 846+72 - 847+00

SB 831+00 - 833+00 Lt.
Const. Special Ditch, Item 103-A-1

SB 833+00 Lt. - Med.
New 24" x 38" ACCGMP
Construct Wall Ditch

BM 173
US Elev.
565.50

2545'

12A

SB 841+00 - 842+00 Lt.
New 6" x 36" ACCGMP
@ Elev. 578.30
Underdrain w/ FB

SB 842+00 - 844+00 Lt.
Const. Spec. Ditch, Item 103-A-1

BM 171
US Elev.
559.73

POT 846+43.32

N

VT 0410

NB 832+50 Rt.
New 12" x 78"
Spec. Elbows
ACCGMP w/ 2

NB 831+00 - 835+50 Rt.
Construct Interceptor Dike

NB 835+00 Med. Rt.
New 18" x 106'
ACCGMP

NB 835+50 Med. Rt.
Bit. Conc. Curb Drain, Item 554

SB 837+50 Rt. - 837+81 Lt.
New 6" x 136'
Underdrain

NB 838+00 Med. Rt.
New 24" x 82'
ACCGMP

NB 838+00 Rt.
Bit. Conc. Curb Drain

Sta. AT 838+98.24 =
838+79.66
EQ. 0.58' Do not use

NB 840+50 Rt.
New 12" x 22'
ACCGMP

NB 841+50 Med. Rt.
New 18" x 92'
ACCP & FB
Constr. Paved Outlet Ditch

SB 843+50 Lt. - NB 844+54 Rt.
New 48" x 26'
ACCGMP
@ Inlet

NB 846+00 Med. Rt.
New 18" x 84'
ACCP Class III

837+25 - 838+00
Rock Fill from Solid Rock Excavation
encountered on Project to elev 540
or as shown on Sections

SCALE
0 50 100

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON - ROYALTON
No. IR9-1(17)
SHEET 10 OF

23

THREE CABLE GUARD RAIL
ITEM 543
NB 848+40 – 850+00 Rt

DRILLING & BLASTING of SOLID ROCK SUBGRADE, ITEM 118
SB 860+00 - 862+50
NB 860+50 - 861+50

PROPERTY LINE FENCE w/STEEL POSTS
ITEM 583.11
SB 847+00 - 854+50 Lt
NB 847+00 - 863+00 Rt

12" SUBBASE OF SAND
ITEM 202
SB 847+00-862+50
NB 847+00-847+35
NB 861+00-862+00

GRAVEL BACKFILL, ITEM 228.A
S.B. 847+03 – 848+00 Lt.

SHARON
ROYALTON

TOWN LINE

VT 64D

SB 849+75 Lt. NB 849+00 Rt.
New 36" x 27" ACCMP, 1-1/2:1
Riprap @ Inlet, Stone Fill @ Outlet

SB 854+50 Lt. Mod.
New 36" x 64' ACCMP
Construct Inlet Ditch

SB 847+00 - 850+50 Lt.
New 6' x 120' Underdrain w/ F1B
@ 853+72 and 855+50

SB 854+50 - 857+00 Lt.
Construct Interceptor Ditch

SB 859+50 Lt. Mod.
New 18" x 82' ACCMP

POT 852+65.43

POT 849+77.27

POT 858+02.40

POT 861+97.85

BM 176
US Elev.
589.48

(2545)

1508'

12A

13

12B

N 46°45'19"W

855+35
180'

855+25
180'

857+00
200'

175'

900'

NB 852+02 Lt-Rt
New 18" x 80' ACCP, 0°Sk

NB 854+50 Lt. Rt.
New 42" x 68' RCCP, 75°Sk
Construct Inlet Ditch w/ Riprap
for Culvert Ends

BM 175
US Elev.
575.25

G. MUDGETT
BARKER

TO MUDGETT W.

NB 855+50-861+00 Rt
Construct Special Ditch, Item 103

NB 855+50 Mod. Rt
New 15" x 64' RCCP, 0°Sk
Construct Outlet Ditch w/ Riprap
for Culvert Ends

TOWN LINE

SCALE

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY - PLANS
PROJECT: SHARON - ROYALTON
No. IR 89-1(17)
SHEET 5 OF 11

24

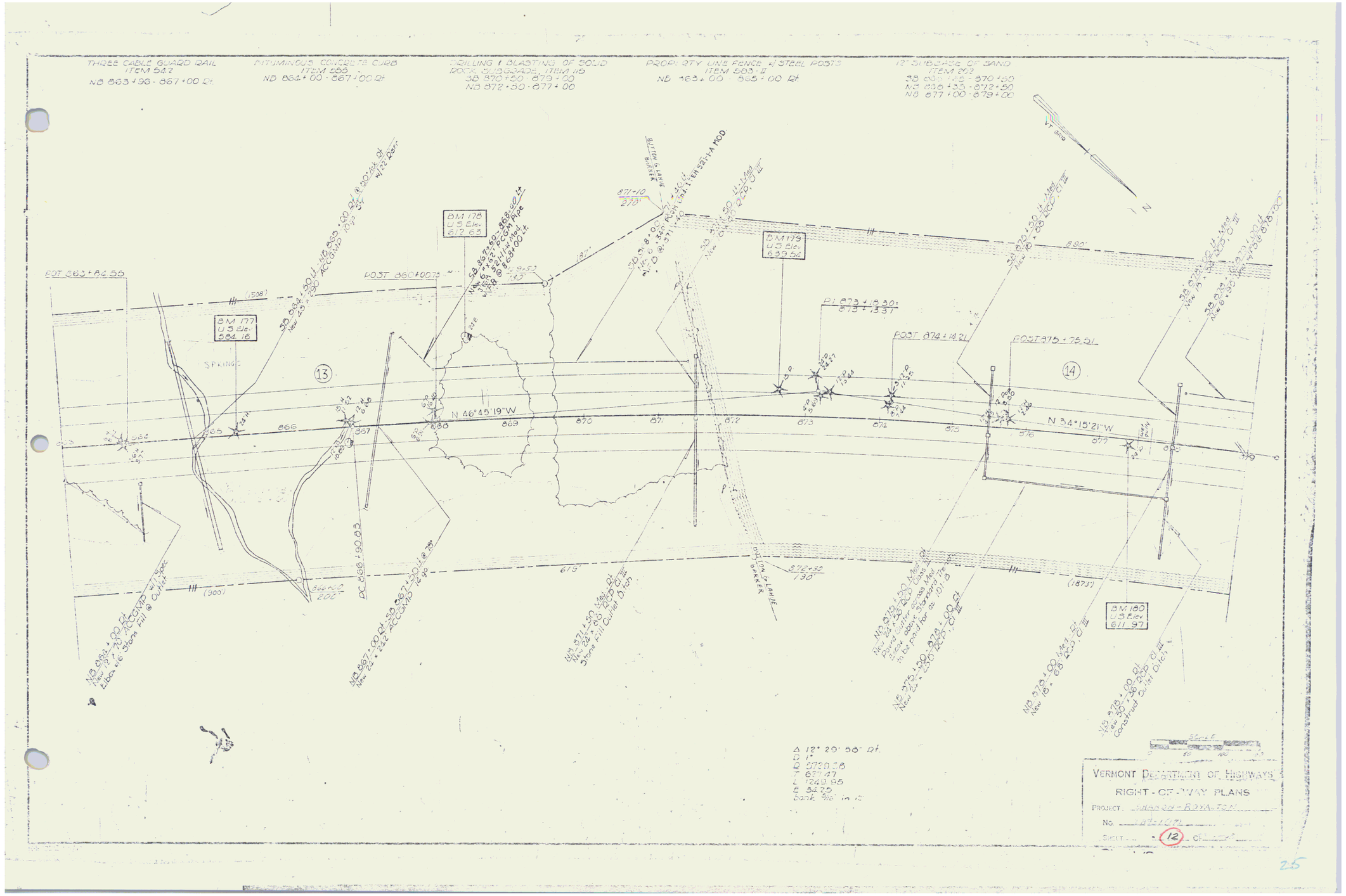
THREE CABLE GUARD RAIL
ITEM 542
NB 863+96 - 867+00 Rt

BITUMINOUS CONCRETE CURB
ITEM 555
NB 864+00 - 867+00 Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
SB 870+50 - 879+00
NB 872+50 - 877+00

PROP. RTY LINE FENCE W/ STEEL POSTS
ITEM 613 - II
NB 863+00 - 865+00 Rt

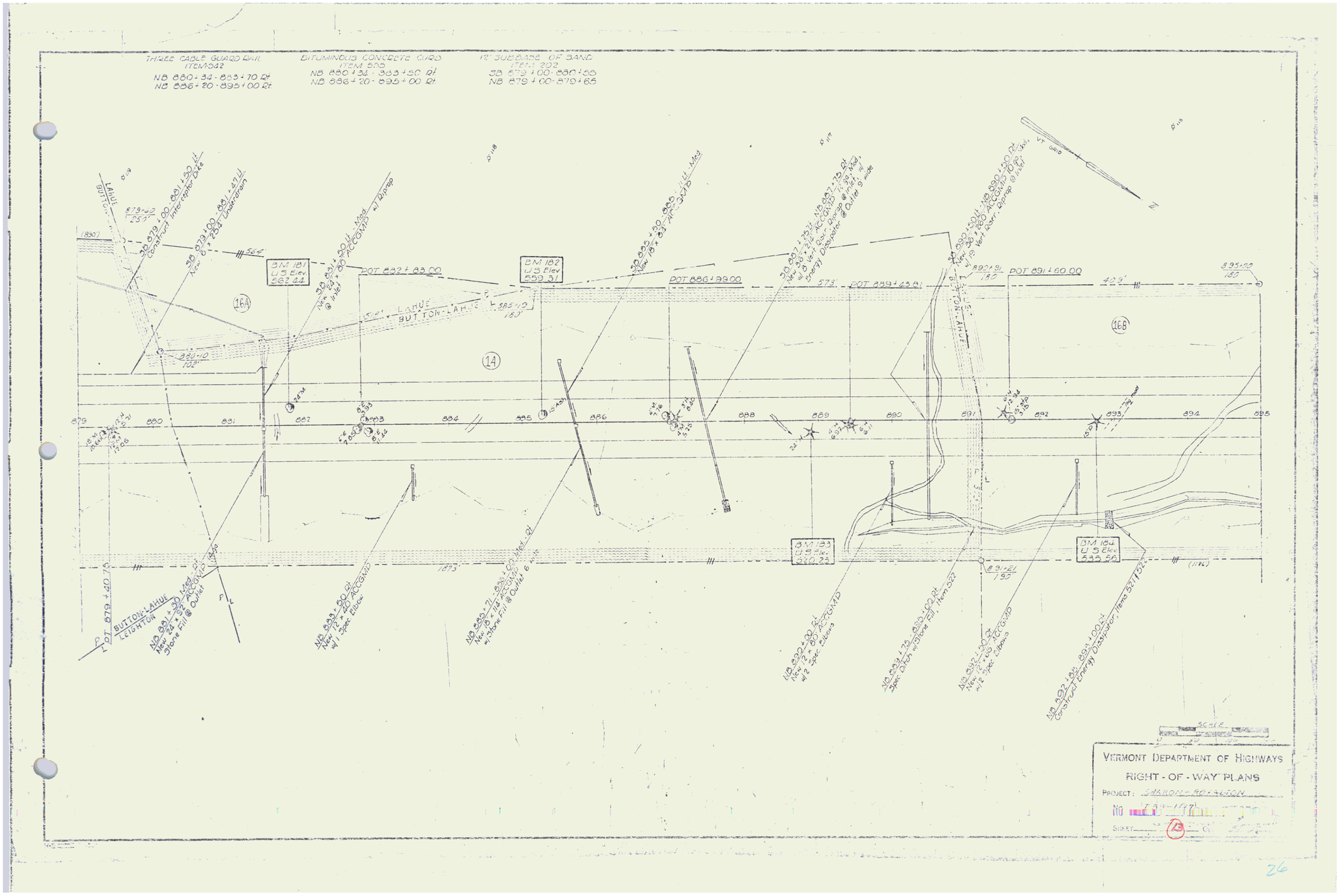
12" SUBBASE OF SAND
ITEM 203
SB 865+75 - 870+50
NB 868+35 - 872+50
NB 877+00 - 879+00



THREE CABLE GUARD RAIL
ITEM 542
NB 880+34 - 883+70 Rt
NB 886+20 - 895+00 Rt

BITUMINOUS CONCRETE CURB
ITEM 615
NB 880+34 - 883+50 Rt
NB 886+20 - 895+00 Rt

12" SUBBASE OF SAND
ITEM 203
SB 879+00 - 880+55
NB 879+00 - 879+65



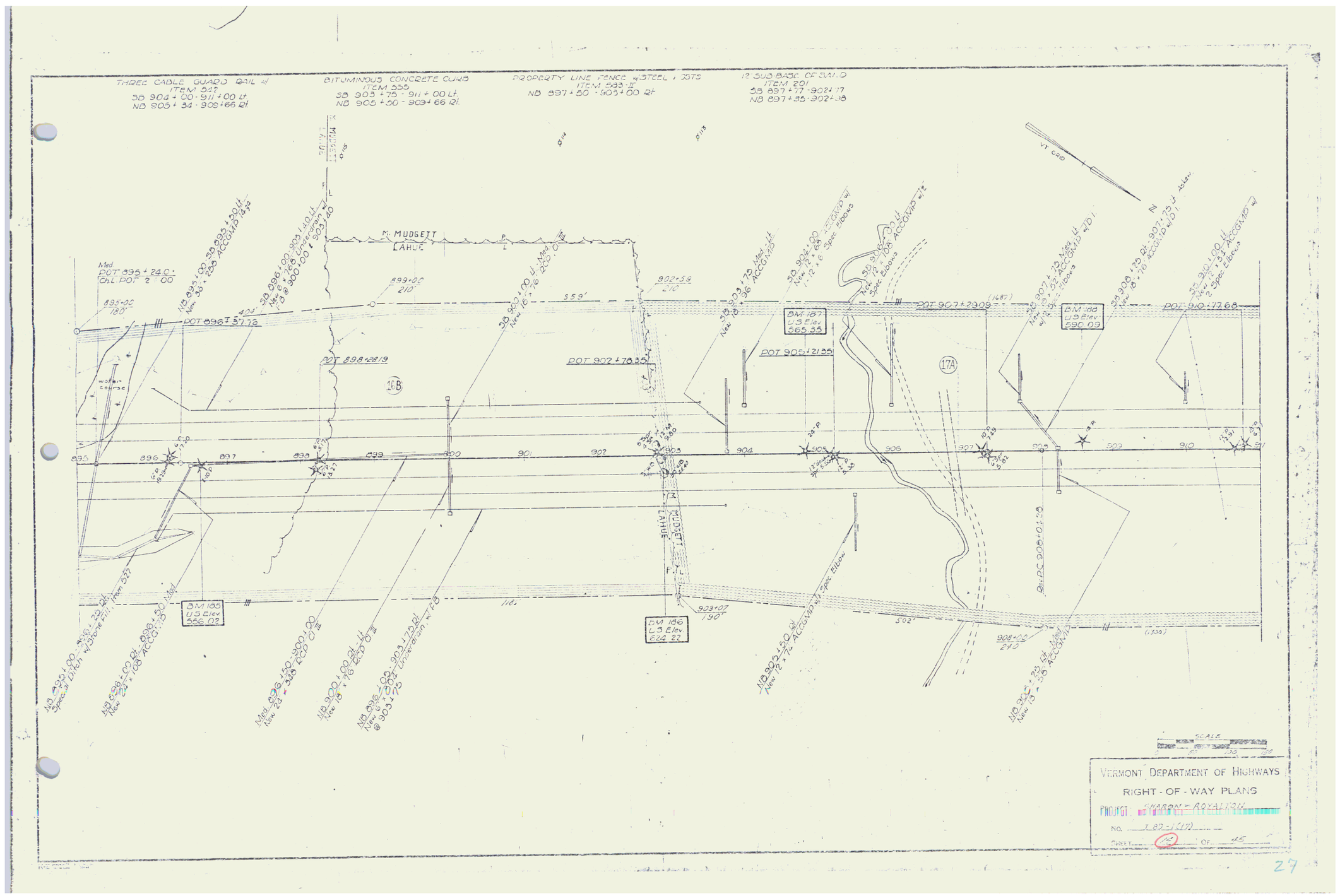
26

THREE CABLE GUARD RAIL w/
ITEM 542
SB 901+00 - 911+00 Lt.
NB 905+34 - 908+66 Rt.

BITUMINOUS CONCRETE CURB
ITEM 555
SB 903+75 - 911+00 Lt.
NB 905+50 - 909+66 Rt.

PROPERTY LINE FENCE w/STEEL POSTS
ITEM 589-1F
NB 897+50 - 903+00 Rt.

12" SUB BASE OF SAND
ITEM 201
SB 897+77 - 902+77
NB 897+38 - 902+38



SCALE

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT: SHARON - ROYALTON
NO. I 82-1(17)
SHEET 12 OF 45

THREE CABLE GUARD RAIL
ITEM 612
SB 911+00 - 919+04 Lt
NB 911+84 - 918+08 Rt

BITUMINOUS CONCRETE CURB
ITEM 665
SB 911+00 - 919+04 Lt
NB 911+84 - 918+08 Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
NB 923+50 - 927+00

PROPERTY LINE FENCE WITH STEEL POSTS
ITEM 653 II
NB 912+00 - 916+00 Rt

12" SUBBASE OF SAND
ITEM 203
SB 920+50 - 927+00

P.I.

V.T. CURVE

N

A. MUDGETT BRIDGE

BM 189
US Elev
638.29

SB 912+00 Lt
New 12" x 48" ACCGMP w/ 2 Spec Elbows

SB 914+30 Lt
New 12" x 74" ACCGMP w/ 2 Spec Elbows

BM 190
US Elev
608.82

POT 916+47.41

1687'

New 12" x 68" ACCGMP w/ 2 Special Elbows

SB 916+30 Lt

9+32
180'

POT 920+49.82

POT 921+84.04

SB 922+00 Med. Lt
New 24" x 104' RCP, Cl. II

Med. 922+00 - 925+00
New 18" x 300' RCP, Class III

8/7"

SB 925+00 Lt Med.
New 18" x 76' RCP, Class III

Med. 925+00 - 927+00
New 18" x 200' RCP, Cl. III

POT 926+01.71

18A

17A

Rev. 18

T.S.

F. RIDGE

NB 914+40 Lt
24" x 104' RCP Drain Item 554

NB 914+80 Med. Ft
New 18" x 52' ACCGMP

NB 914+00 Med. Ft
New 18" x 132' ACCGMP w/ 2 Spec Elbows

NB 914+00 - 913+25 Lt. (New)
New 18" x 76' ACCGMP

1300

BM 191
US Elev
663.07

NB 916+00 Med. Ft
New 12" x 104' ACCGMP w/ 2 Spec Elbows

NB 916+00 Med. Ft
New 18" x 76' ACCGMP w/ 2 Spec Elbows

NB 922+00 Lt. Med.
New 18" x 76' RCP, Class III

921+00
240'

NB 925+00 Lt. Med
New 18" x 76' RCP, Class III

BM 192
US Elev
718.15

(402')

925+00
420'

SCALE

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT: SHARON - ROYALTON
NO. IRS 1(17)
SHEET 15 OF 45

28

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
SB 927+00 - 930+00
NB 930+00

12" SUBBASE OF SAND ITEM 202
SB 927+00-929+00

T/L PI 8+80.11
Δ 13°53'40" Lt.

Δ 19°22'00" Lt.
D 10°
R 573.0
T 97.8
L 193.7
E 8.3

TH #13 28.16% PI 50+93.9

TH #13 Reloc POT 51+61.0

TH #13 Reloc PI 50+00.0= 49+93.7

TH #13 Reloc POT 50+12.5= T/L POT 9+27.3

BRIDGE ANNUDATT

TH #13 Reloc POT 54+00.9

BM #193 US Elev. 775.98

T/L PI 12+42.13
Δ 11°37'00" Lt.

T/L POT 14+50.00

Med. POT 932+75.0= TH #13 Reloc. POT 55+48.2

927+38
130'

930+00
130'

265'

(18A)

927+76
5'

PC 930+17.06

(17A)

END CONTR. 3
SB & NB 930+00=
89-1(8)

929+00
320'

M. MUDGETT FARM

TH #13
PC 58+66.5

POT 57+41.8

T/L PI 15+68.21
Δ 15°00'20" Lt.
POT 59+66.0

POT 59+86.0

TH #13 Reloc
Δ 41°13'30" Lt
D 10°
R 573.0
T 215.5
L 412.3
E 39.2

936+67
230'

Survey Curve Data
Δ 8°-02'-00" Rt
D 0°-30'
R 11459.16
T 804.67
L 1606.67
E 28.22
Do not bank

PT 62+78.8

T/L POT 23+43.47

T/L PI 20+43.13
Δ 6°21'00" Lt

TH #13 Reloc POT 61+00.0

TH #13 Reloc POT 61+05.0

VAN EUGEN FARM

Dev. PI 938+21.73= 938+11.83

Survey

VT. 66(C)

P/L

NAUMANN TUTHILL

932 933 936 937 938 939 940 941 942 943

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON - ROYALTON
NO. F 28-1(17)
SHEET 13 OF 45

SCALE
0 100 200 FEET

29

PROPERTY LINE FENCE w/ STEEL POSTS, ITEM 580-II
SB 930+00 - 931+70 Lt
SB 932+30 - 933+00 Lt
NB 932+00 - 934+00 Rt
NB 935+00 - 938+00 Rt

JUTE MATTING ITEM 625
Med 940+50-942+50

THREE CABLE GUARD RAIL w/ STEEL POSTS, ITEM 542
NB 937+96 - 942+44 Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
930+00 - 931+25
937+40 - 939+25

BITUMINOUS CONCRETE CURB ITEM 555
NB 937+96 - 940+50 Rt
NB 940+50 - 942+50 Rt

STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) ITEM 512
NB 938+45 - 938+55 Rt

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT SHARON - ROYALTON
NO. I 89-1(10)
SHEET 17 OF 42

Tan's Reloc
Δ 19°22'00" Lt
D 10°
R 573.0
T 97.8
L 193.7
E 8.3

Tan's Reloc
Δ 41°13'30" Lt
D 10°
R 577.96
T 218.5
L 412.3
E 33.2

Rev Curve Data
L Δ 9°03'00" Rt
D 0°08'
R 42071.84
T 3017.45
L 6025.00
E 105.81

Revised
PI 938+21.73±
938+11.85
Survey
PI 938+21.73±
938+19.06
Δ 9°02'00" Lt
D 0°30'

I 89 (E&W)
NB & SB 930+00.00
END CONTRACT 3 BEGIN CONTRACT 4

Sur & Rev 937+79.0±
Tan's Reloc POT 25+28.2

931+63
15.9'

937+35
190'

930+02

610'

938+50
16 x 80 Class "A"

940+45
190'
(455')

N 34°16'21" W

N 26°13'21" W

929+00
320'

525'

732'

925+96
90'

935+67
230'

459'

60-77
95

62+00
88'

64+45
40'

Tan's Reloc
Δ 41°13'30" Lt
D 10°
R 577.96
T 218.5
L 412.3
E 33.2

Rev Curve Data
L Δ 9°03'00" Rt
D 0°08'
R 42071.84
T 3017.45
L 6025.00
E 105.81

NB 938+50 ACCGMP
New 36" x 78" CMP
w/ Type 5 Flare

NB 938+50 ACCGMP
New 16" x 80' Class "A"
CMP w/ 15.9° Bevels
Top & 15.9° Bevels
Bot of ACCGMP

NB 942+50 ACCGMP
New 16" x 80' CMP
w/ 15.9° Bevels

NB 942+50 ACCGMP
New 36" x 78" ACCGMP
w/ Type 5 Flare

SPRING TO STODDARD

TBM 24
U.S. Elev
634.89

SCALE

P.I. 60+82.2 =
62+65.3

Field Alive

Ø 106

BRIDGE
R. MIDGETT

VT Rte 10

NAUMANN
TUTHILL

P. MUDGETT
FARM

ANDERSON

17B
21B
17A
21A
22A
22B
38
B
18
17
20
56

30

TREATED TIMBER CURB
ITEM 558
57+69 - 58+04 Rt.
57+69 - 60+00 Lt.

TWO CABLE GUARD RAIL, ITEM 541
50+24 - 54+96 Rt.
57+69 - 60+00 Rt.
57+69 - 60+00 Lt.

Δ 19°22'00" Lt.
D 10°
R 573.0
T 97.8
L 193.7
E 8.3

PC 49+02.2

POT 51+61.0

725'

PI 50+05.9

POT 54+00.9

934+35
190'

POT 57+41.8

PC 58+66.5

936+67
230'

POC 59+50.0

60+71
95'

60+12
52'

58+96
90'

POST 59+50.0

BEGIN RELINQUISHMENT NO. I
TH.13 48+25 CL. (607')

TH#3 POST 50+12.5 =
1/L POT 9+27.3

PI 50+00.0 =
49+98.1

END RELINQUISHMENT NO. I
BEGIN MAINT. AGREE. AREA NO. I
TH.13 54+32 CL. (525')

BM = 193
1/3 Elev.
723.90

1.80 Med. Line

END MAINT. AGREE. AREA NO. I
BEGIN RELINQUISHMENT NO. II
TH.13 59+57 CL. (818')

ML POST 931+91.40

Med. POST 932+75.0 =
TH#3 Reloc. POST 55+48.2

gravel drive

1/2 of ho

N. HUDSETT BRIDGE

TRUMANN BRIDGE E

TUTHILL TRUMANN

fld dr

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON - ROYALTON
No. F 029-1(17)
SHEET 18 OF 45

SCALE
0 50 100 150

TREATED TIMBER CURB, ITEM 558
60+00 - 61+50 Lt

TWO CABLE GUARD RAIL, ITEM 541
60+00 - 60+25 Rt
60+00 - 63+77 Lt

T/L POT 24+12.0=
Th 13 POST 65+26.0

PI 66+29.1=
66-13.1

POT 68+04.8

Δ 41°13'30" Lt
D 10°
R 573.0
T 215.8
L 412.3
E 49.2

Δ 22°45'20" Lt
D 10°
R 573.0
T 115.3
L 227.6
E 11.5

PC 64+12.0

DT 70+73.6

Δ 43°45'20" Rt
D 14°
R 409.3
T 164.3
L 312.6
E 31.8

DT 67+77.4

DC 64+27.0

DOST 61+65.5

Inacc
PI 62+92.0=
65+33.3

END RELINQUISHMENT NO. II
TH 13 67+75 CL

BM 52 EB2
US Elev
612.08

PI 60+61.3
69+58.3

To South Royalton

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: S HARON - STR [illegible]
NO. [illegible]
SHEET 19 OF 25

SCALE

32

CHANNEL EXCAVATION
Item 108
SB 944+17 - 948+75 Lt
NB 952+60 - 953+60 Rt

RIPRAP (LIGHT TYPE) ITEM 613-B
SB 944+17 - 948+75 Lt

STONE FILL FOR SLOPE PROTECTION
(LIGHT TYPE) ITEM 612
NB 951+60 - 953+60 Rt
NB 950+50 - 950+00 Rt

JUTE MATTING, ITEM 625
Med 944+50 - 946+50
Med 950+50 - 951+50
Med 955+50 - 957+50

BITUMINOUS CONCRETE CURB
ITEM 865
NB Rt 944+18 - 955+88
SB Lt 944+74 - 955+14

THREE CABLE GUARD RAIL w/ STEEL POSTS
ITEM 542
NB 944+40 - 959+00 Rt
SB 944+74 - 955+14 Lt

FIRE DISTRICT TOTHILL

Pt. Gold

947+00
790'

655'

Med POT 949+00'
Chan Line 1+50

Med POT 951+50'
Chan Line 1+50

955+26
190'

POT 956+2400

956+56
14'

POT 950+6136

POT 932+7127

Chan POT 5+0242

Chan POT 4+00

P.I. Thompson
L Vesper

E. Rogers

Thompson Tothill

Thompson Vesper

Fire District Vesper

(57) (22A) (23) (24) (25A) (26)

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BRATTON-ROYALTON
No. 2880-(10)
SHEET 22 OF 45

SCALE
0 25 50 100

33

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
963 + 50 - 965 + 40
970 + 25 - 975 + 00

PROPERTY LINE FENCE w/STEEL POSTS ITEM 583-II
SB 965 + 00 - 975 + 00 Lt.
NB 966 + 00 - 975 + 00 Rt.

JUTE MATTING - ITEM 623
Med 959 + 00 - 960 + 50
SB 966 + 60 - 969 + 32 Lt.

STONE FILL (LIGHT TYPE) ITEM 512
NB 959 + 00 - 959 + 05 Rt.

BITUMINOUS CONCRETE GUTTER ITEM 554
NB 965 + 40 Rt.

BITUMINOUS CONCRETE CURB ITEM 555
NB 959 + 00 - 959 + 60 Rt.
NB 965 + 40 - 967 + 50 Rt.
NB 974 + 25 - 975 + 00 Rt.

PLANK GUARD RAIL ITEM 540
SB 967 + 65 - 967 + 81 Lt.

TRIPLE RAIL GUARD RAIL w/STEEL POSTS, ITEM 542
NB 959 + 00 - 959 + 60 Rt.
NB 965 + 40 - 970 + 27 Rt.
NB 973 + 80 - 975 + 00 Rt.

STANDARD STEEL BEAM GUARD RAIL w/STEEL POSTS, ITEM 545-A
SB 966 + 70 - 967 + 23 Lt.

ROYALTON FIRE DISTRICT #1

BALLOU

TBM #2 US Elev

Access Road 6+20 End Construction

Surv B/L 967+58 Access Road 5+00

Surv B/L POT 967° 81.86

Surv B/L POT 966°30'00" C/L POT 1°30:00

Road to upper pond

Access Road 2+80 Begin Construction

POT 961+3331 POT 962+6446 POT 964+0110 POT 967+1370 POT 970+9049 POT 973+45.28

C/L POT 3°00'00"

Lower Reservoir

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT SHARON - ROYALTON
NO. F 33-(12)
SHEET 21 OF 41

SCALE

barn mill ho

DRILLING & BLASTING OF SOLID ROCK SUBGRADE ITEM 115
975+00 - 975+75
981+40 - 991+00

PROPERTY LINE FENCE W/STEEL POSTS, ITEM 583.11
NB 975+00 - 991+00 Rt
SB 975+00 - 991+00 Lt

STONE FILL (LIGHT TYPE) ITEM 613
NB 980+25 - 990+30 Rt

JUTE MATTING, ITEM 623
SB 976+50 - 980+30 Lt
Med 978+00 - 981+00 Lt
Med 988+00 - 990+50

BITUMINOUS CONCRETE CURB ITEM 665
NB 975+00 - 983+00 Rt
SB 977+80 - 981+50 Lt

NOTE: SEE TAB SHEET FOR SPRINGS

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARRE - BRANDON
NO. F 019-(17)
SHEET 22 OF 45

Match Line

BALLOU FIRE DISTRICT

RIGHTMAN CEMETERY

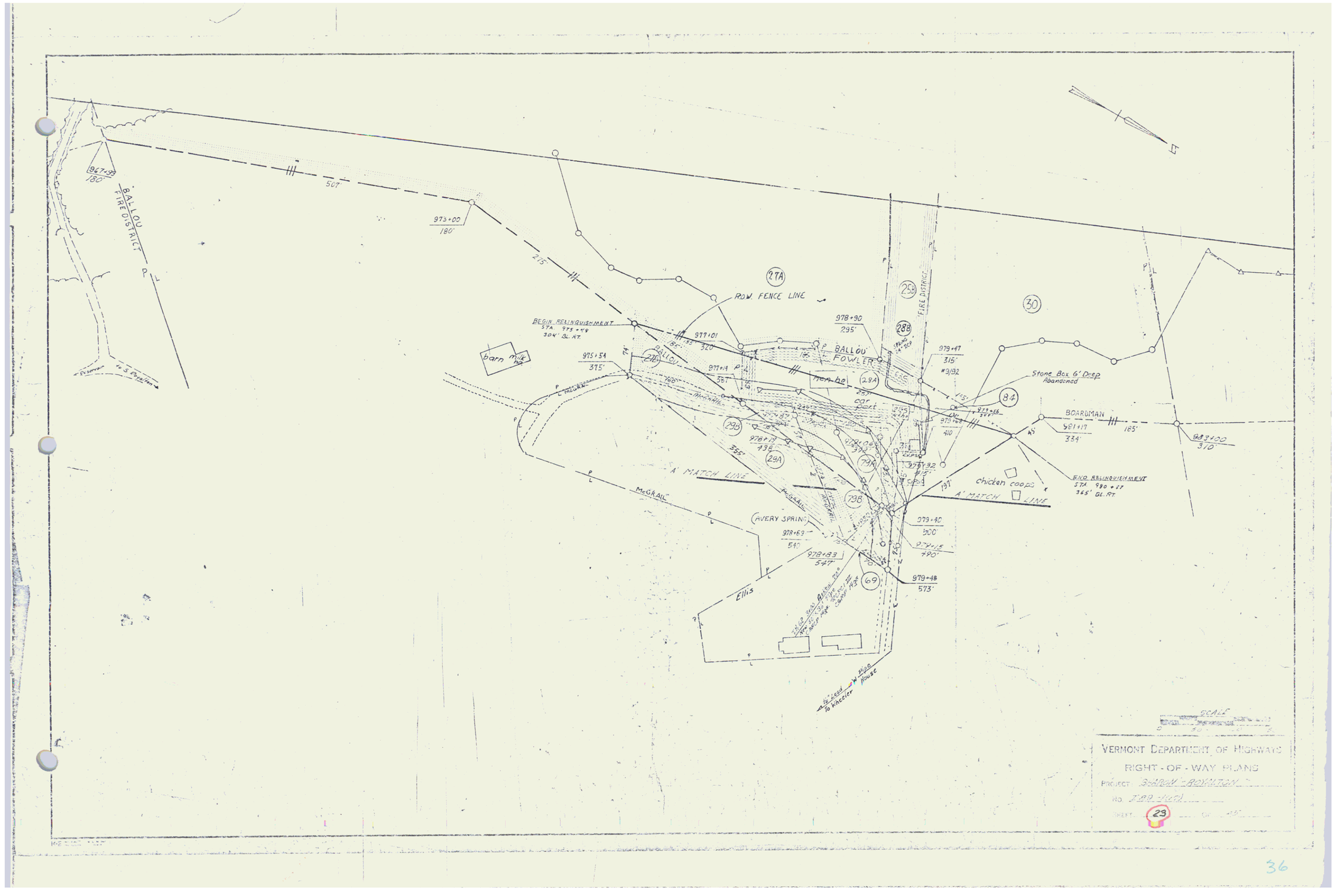
POT 976+35.03

POT 978+47.72

POT 979+21.99

BEGIN RELINQUISHMENT STA. 975+48 304' BL RT.

END RELINQUISHMENT STA. 980+87 365' BL RT.


967+99
180'
BALLOU
FIRE DISTRICT
507'
973+00
180'
275'
27A
ROW. FENCE LINE
978+90
295'
25B
FIRE DISTRICT
28B
30
BEGIN RELINQUISHMENT
STA. 975+19
30'Rt. of ℄
977+01
320'
barn milk
975+51
375'
977+41
361'
BALLOU
FOWLER
29A
barn ho
979+47
315'
#3/32
Stone Box 6' Deep
Abandoned
84
BOARDUMAN
981+17
334'
185'
983+00
310'
29B
978+13
436'
355'
A' MATCH LINE
McGRAIL
29A
74A
979+32
410
chicken coops
A' MATCH LINE
END RELINQUISHMENT
STA. 980+67
365' Gt. Rt.
73B
AVERY SPRING
978+69
510'
978+83
547'
979+40
500'
979+15
490'
69
979+48
573'
Ellis
SCALE
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BRADLEY-BROWNTOWN
No. 7129 (14)
SHEET 23 OF 45

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 116
991 + 00 - 993 + 50

PROPERTY LINE FENCE w/STEEL POSTS, ITEM 583 II
NB 991 + 00 - 1006 + 50 Rt

STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) ITEM 612
SB 995 + 00 - 997 + 50 Lt
NB 997 + 90 - 998 + 10 Rt
NB 1002 + 18 - 1002 + 32 Rt

RIPRAP (LIGHT TYPE), ITEM 613.B
SB 997 + 50 - 998 + 10 Lt

JUTE MATTING, ITEM 625
Med 992 + 50 - 995 + 00
SB 993 + 25 - 994 + 75 Lt
Med 997 + 50 - 1000 + 00

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 542
NB 991 + 00 - 1006 + 50
SB 991 + 00 - 1006 + 50

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: STP 0319(4)
NO. 2219-11(2)
SHEET 24 OF 25

DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
1006 + 90 - 1008 + 75
1010 + 25 - 1021 + 75

PROPERTY LINE FENCE w/ STEEL POSTS ITEM 583-II
NB 1006 + 50 - 1023 + 00 Rt

JUTE MATTING ITEM 623
Med 1019+00-1020+50

THREE CABLE GUARD RAIL w/STEEL POSTS ITEM 642
NB 1006+50 - 1009+00 Rt
SB 1006+50 - 1013+28 Rt
NB 1016+20 - 1023+00 Rt
SB 1018+72 - 1023+00 Rt

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON-ROYALTON
NO. F089-1(17)
SHEET 25 OF 45

CARPENTER
EDDY
1006+62
180'
1006+15
250'
1008+75
180'
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1020
1021
1022
1023
433'
955'
510'
570'
Rock
Gully
Brook
Spring
Barn
Gar
Dwl
Dwl No 2
Dwl No 1
Post 1007+16.34
Post 1016+22.63
Post 1019+91.93
Surv(Orig) POST 1014+82.63
Rel P.I. 1012+38.93 = 1012+28.89
Rel PC 1014+87.30 = PC(1015+33.30)(Orig) TO 4.55
Rel PC 1013+22.00 = PC(1015+33.30)(Orig) TO 11.30
Δ 17°57'16" Lt
D 3°30'
R 1637.02
T 258.61
L 512.98
E 20.30
Δ 19°54'02" Lt
D 3°30'
R 1637.02
T 761.64
L 1425.78
E 168.50
S64°55'39"W
CONTRACT 4
SCALE
35
36
38

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 585 II
NB 1023+00 - 1039+00 Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
1027+25 - 1039+00

JUTE MATTING ITEM 623
Med 1023+50 - 1025+50
Med 1028+00 - 1030+00

BITUMINOUS CONCRETE CURB ITEM 555
NB 1032+58 - 1039+00 Rt

THRIE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 542
NB 1023+00 1039+00 Rt
SB 1023+00 - 1039+00 Rt

Spiral Curve
Δ 5° 15' Lt
ST 100.08
LT 200.09
2T-L 0.17
Ls 300.00

Δ 49° 54' 02" Lt
D 3° 30'
R 1637.02'
T 761.64
L 1425.73
E 168.50

Spiral
DL 1030+38.06 = 481
1030+38.89

Spiral
DL 1022+94.89 =
1021+97.34

BUSHWAY W FARRELL

P L

639'

283'

325'

210'

621'

1031+70

1034+23

1024+49
770'

1029+00
200'

1122'

1034+31
130'

1035+39
25

1035+50
138

1037+50
(215)

1039

1038

1037

1036

1035

1034

1033

1032

1031

1030

1029

1028

1027

1026

1025

1024

1023

S 14° 31' 37" W

S 39° 16' 37" W

Rock

boulder

camp

TOWN OF ROYALTON

37

38

38A

30

Old Saw Mill

White River

SCALE
0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SOUTON-ROYALTON
NO. F29-1(17)
SHEET 22 OF 45

39

PROPERTY LINE FENCE W/ STEEL POSTS ITEM 503 P
NB 1039+00 - 1035+00 Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 838 B
1039+00 - 1051+25
1053+25 - 1055+00

STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS, ITEM 548 A
NB 1051+50 - 1054+00 Rt

6 TRIANGULAR CONCRETE CURB ITEM 606
NB 1039+00 1041+00 Rt

THREE CABLE GUARD RAIL W/ STEEL POSTS, ITEM 542
NB 1035+00 - 1041+00 Lt
SB 1039+00 - 1055+00 Rt

W FARRELL
F FARRELL

P.I. 1044+64.82
1043+41.27

292'

P.O.S.T. 1043+52.39

P.O.S.T. 1046+23.61

P.O.S.T. 1050+02.80

P.O.S.T. 1054+56.38

P.O.S.T. 1040+64.62

S 33°-11'-20" W

Δ 23°-59'-45" Rt
D 1°-30'
R 3819.72
T 803.84
L 1594.13
E 84.68

Shed

camp

White River

F FARRELL

END RELINQUISHMENT NO. IV
TH. 36 71+42 CL.

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT SHARON-ROYALTON
NO. 289-1(17)
SHEET 22 OF 45

40

JUTE MATTING, ITEM 623
SB 1062+00 - 1063+00
SB 1065+50 - 1066+75 Lt.
Med. 1067+00 - 1068+50
Med. 1070+00 - 1071+50

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 583.11
NB 1055+00 - 1065+00 Rt.
SB 1060+00 - 1065+00 Lt.

CHANNEL EXCAVATION, ITEM 108
SB 1068+30 - 1071+00 Lt.

DRILLING & BLASTING OF SOLID ROCK, SUBGRADE, ITEM 115
1055+00 - 1061+25

CONSTRUCT SPECIAL DITCH
1058+81 - 1059+81

STANDARD STEEL BEAM GUARD RAIL WITH STEEL POSTS, ITEM 625-A
SB 1055+15 - 1055+43 Lt.

BITUMINOUS CONCRETE CURB ITEM 555
NB 1055+10 - 1067+13 Rt.

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 542
NB 1055+00 - 1057+16 Rt.
SB 1062+54 - 1071+00 Lt.
SB 1055+00 - 1069+38 Rt.
NB 1065+73 - 1071+00 Rt.

END RELINQUISHMENT NO. III
BEGIN MAINT. AGREE. AREA NO. 2
TH. 36 61+18 CL. (438')

END MAINT. AGREE. AREA NO. 2
BEGIN RELINQUISHMENT NO. IV
TH. 36 65+38 CL. (586')

TBM USE Elev. 600.76

BM 231 USE Elev. 540.11

TH 36 PI 61+120 = 61+11.6

TH 36 POT 56+65.35

POST 1065+50.37

POST 1060+52.63

POST 1064+11.07

POST 1062+25.00 = TH 36 POST 62+85.2

TH 36 PI 60+283.10 = 59+25.4

TH 36 PI 66+141 = 66+09.9

PI 1056+21.92 = 1056+17.30

PI 1067+76.12 = 1066+94.99

POST 1070+20.39

CL POT 1+00.00

CL POT 3+00.00

CL POT 4+00.00

M/L
Δ 14°48'12" Rt.
D 2°
R 2864.19
T 371.31
L 758.50
E 23.95

TH 36 ①
Δ 23°18'30" Lt.
D 12°
R 477.5
T 102.8
L 202.5
E 10.9

TH 36 ②
Δ 55°00'00" Rt.
D 27°
R 212.2
T 66.7
L 129.6
E 10.3

TH 36 ③
Δ 10°23'00" Lt.
D 10°
R 573.0
T 52.1
L 103.8
E 2.4

M/L
Δ 44°48'59" Rt.
D 3°
R 1909.86
T 787.51
L 1493.88
E 155.93

Δ 44°48'59" Rt.
D 3°
R 1909.86
T 787.51
L 1493.88
E 155.99

SCALE
0 50 100

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BRF 020-A (13)
No. 2020-(11)
SHEET 28 OF 41

41

CONSTRUCT DRIVE
54+00 Rt

DITCHING
56+00 Lt

BEGIN RELINQUISHMENT NO. III
TH. 36 52+50 CL. (868')

Δ 38°37'30" Lt
D 9°
R 636.6
T 223.1
L 429.2
E 38.0

DOST 51+59.4

Incorr
DI 52+69.2 =
52+52.2

DOST 54+50.00

DOST 58+65.35 =

Δ 10°23'00" Lt
D 10°
R 573.0
T 52.1
L 103.8
E 2.4

POST 1064+11.07

DOST 63+35.2 =
M POST 1062+25.00

1062+86
181'

1062+43
150'

DI 61+12.0 =
61+11.6

1061+84
193'

1064+49
404'

1065+95
385'

1066+26
332'

375'

462'

530'

180'

175'

385'

404'

332'

193'

150'

181'

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON-ROYALTON
NO. F 019-1(4)
SHEET 42 OF 45

SCALE
0 50 100 150

Sheet 1

42

STONE FILL FOR PROTECTION
ITEM 611
65+73 - 67+73 Lt.
69+00 - 70+73 Lt.

TWO CABLE GUARD RAIL
ITEM 541
65+00 - 70+76 Lt.

1060+87
358'
1062+86
181'
238'
POT 65+11.3
1060+37
243'
30'
1059+14
250'
PI 66+14.1 =
66+09.9
113'
125'
100'
SKINNER
F FARRELL
(41B)
(40A)
67+00 ℄ 24' x 8' ACCGMP 16ga
68+25.7
Δ 24°18'30" Lt
D 12°
R 477.5
T 102.8
L 202.5
E 10.9
PT 70+20.2
69+96 ℄ Adjust 65+90 Rt 2 CPlg Bands @ all arms
New 18" x 66' ACCGMP 16ga w/ or ACCAACP 16ga
71+37 ℄ 15" ACCGMP (Good) Remove
72+00 ℄ New 42" x 42' PIPA, ACCGMP, 14ga, or FLAC Class III or ACCAACP, 14ga
New 18" x 40' PIPA, ACCGMP 16ga, or ACCAACP 16ga
70' - 50 ℄
1055+55
240'
1055+00
237'
Bridge to Royalton
White River
F FARRELL
White River
N 64° 57' 32" E
N 64° 57' 32" E
N 23° 39' 02" E
1059+88
100'
1059+60
37'
1058+08
100'
1057+00
100'
1056+00
100'
1054+00
170'
460'
338'
197'
98'
Δ 35°00'00" Rt
D 27°
R 212.2
T 66.9
L 127.6
E 10.3
Main Line ℄
BM #231
U/S Elev.
540.11
TEMPORARY F FARRELL
W. POST 1060+52.63
42" CMP (6m) Remove
drive to water
PI 69+28.5 =
69+25.4
DOT 71+10.0 =
15" ACCGMP (6m)

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON-ROYALTON
NO. 739-1(4)
SHEET 32 OF 45

SCALE

Sheet

43

JUTE MATTING
ITEM 623
NB 1072+90-1074+25 Lt

PROPERTY LINE FENCE W/
STEEL POSTS, ITEM 583-II
SB 1076+00 - 1087+00 Lt

STONE FILL FOR SLOPE PROTECTION
(LIGHT TYPE) ITEM 512
SB 1071+00 - 1071+60 Lt

THREE CABLE GUARD RAIL W/ STEEL POSTS
ITEM 542
SB 1071+00 - 1072+10 Lt
NB 1071+00 - 1073+57 Lt

HULL
ENGLISH

HULL
DEWEY

VT 1210

1073+00
180'

POST 1071+42.12

POST 1073+36.81

SB 1073+25 Rt 1073+50 Lt
New 24" x 84" ACCGMP, 16 ga

1073+86
165

Spiral
PI 1073+65.24
1073+02.79

1423'

POT 1080+38.50

POT 1083+38.48

SB 1085+30
New 18" x 52" RCCP, Class III

(47A)

(45)

N 81°13'29" W

N 23°28'39" W

1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1082 1084 1085 1086 1087

Q3 3°45' Rt
ST 83.37
Lt 186.70
ST-L 0.07
L 250.00

1075+15
150

1074+82.49

428'

1285'

NB 1072+90 - 1073+50 Lt
New 30" x 110' RCCMP, 16 ga
w/ Type A Grate & 15" x 15" Elbow
Use 23 Coupling Bands @ all Joints
Energy Dissipator - Items 511 & 512 @ Outlet

Med 1073+25 - 1073+36
New 30" x 116' RCP, Class III

Med 1075+26 - 1077+99
New 24" x 278' ACCGMP, 16 ga

NB 1076+00
New 18" x 72" RCP, Class III

Med 1078+40 - 1081+99
New 24" x 398' ACCGMP, 16 ga
w/ Type A Grate

NB 1082+90
New 18" x 72" RCP, Class III

Med 1082+01 - 1085+49
New 18" x 516' RCP, Class III
w/ Type A Grate

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT SHARON - ROYALTON
NO. IM 89-1(17)
SHEET 31 OF 45

SCALE
0 25 50

44

PROPERTY LINE FENCE W/ STEEL POSTS, ITEM 583.11
SB 1087+00 - 1103+00 Lt
NB 1096+00 - 1103+00 Rt

BITUMINOUS CONCRETE PAVED GUTTER ITEM 554
NB 1088+80 Rt
NB 1095+20 Lt

JUTE MATTING, ITEM 623
SB 1090+00 - 1093+50 Lt
NB 1094+00 - 1095+50 Lt

BITUMINOUS CONCRETE CURB ITEM 555
NB 1088+80 - 1095+20 Rt
SB 1090+00 - 1097+10 Lt

THREE CABLE GUARD RAIL W/ STEEL POSTS, ITEM 542
NB 1088+80 - 1095+20 Rt
SB 1093+90 - 1097+10 Lt
NB 1099+72 - 1102+28 Rt

SB 1090+00 Lt
New 12'x28' Pipe CGMP 16 ga. or ACCAACP 16 ga. w/1-10° Elbow. Use 24" Coupling Bands @ all Joints

SB 1090+10
New 18"ø 102' ACCGMP, 16 ga w/ Type A Grate

SB 1092+50 Lt
New 12'x 62' Pipe w/ Type B Grate CGMP 16 ga or ACCAACP 16 ga w/1-15° Elbow. Use 24" Coupling Bands @ all Joints

1093+50
2.95'

378'

SB 1094+50
New 18"ø 66' ACCGMP, 16 ga w/ Type B Grate

SB 1093+00
New 18"ø 62' RCP, Class III

VT Gate

1097+00
150'

625'

SB 1101+50
New 18"ø 64' RCP, Class III

1103+00
150'

(1923')

1091+07
160'

CL POT 1°30'16"

Mud POT 1093+15.15 -
CL POT 3°30'00"

N83°28'29"W

POT 1089+1320

POT 1088+3900

(1285')

1088+00
150'

247'

1090+37
225'

278'

1093+00
310'

POT 1097+46.00

1096+00
150'

675'

1103+00
150'

PC 1099+64.57

NB 1091+00 Rt
New 12'x 156' Pipe w/2 Elb (10°&20°) CGMP 16 ga or ACCAACP Use 24" Coupling Bands @ all Joints

NB 1092+50 Lt
New 12'x 130' Pipe CGMP 16 ga or ACCAACP 16 ga w/1-Type B Grate and 20°&25° Elbows Use 24" Cplg Bands @ all Joints

NB 1094+50
New 18"ø 102' ACCGMP, 16 ga w/ Type A Grate & 20°&25° Elbows Use 24" Cplg Bands @ all Joints

NB 1099+00
New 16'x 82' RCP, Class III, w/ Type A Grate

NB 1095+00 Lt

NB 1101+50
New 18"ø 38' RCP, Class III w/ Type A Grate

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHA 22(4) - BRATTON
No. 7189(17)
SHEET 32 OF 46

SCALE
0 50 100

45

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
1106 + 75 - 1107 + 25

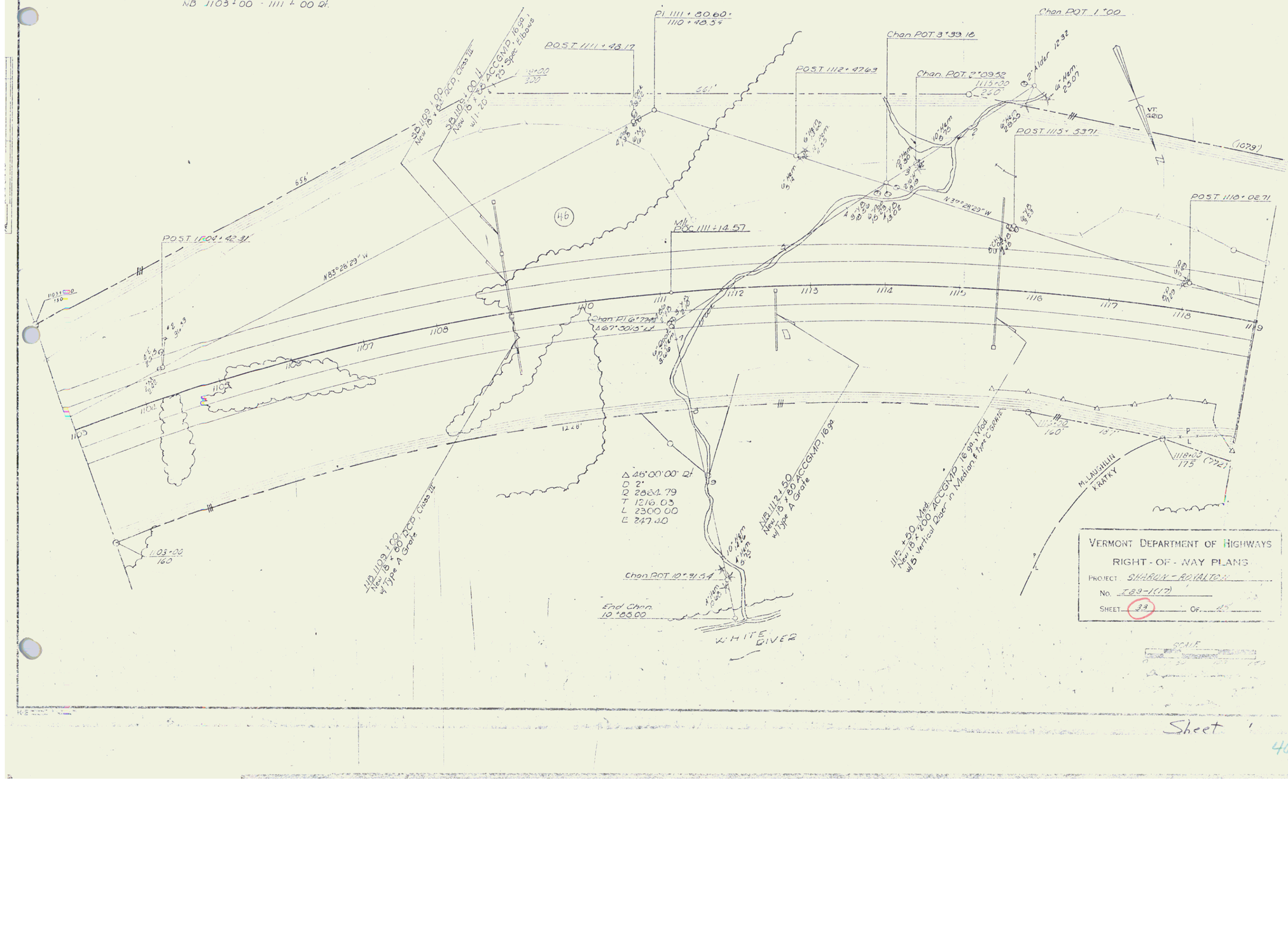
PROPERTY LINE FENCE W/STEEL POSTS ITEM 583.11
SB 1103 + 00 - 1113 + 00 Lt
NB 1103 + 00 - 1111 + 00 Rt.

BITUMINOUS CONCRETE SURFACE FOR GUTTER, ITEM 554
NB 1112 + 60 Rt

JUTE MATTING, ITEM 623
NB 1110 + 25 - 1112 + 25 Rt

BITUMINOUS CONCRETE CURB, ITEM 555
NB 1110 + 00 - 1112 + 60 Rt
SB 1112 + 25 - 1115 + 75 Lt

THREE CABLE GUARD RAIL WITH STEEL POSTS, ITEM 542
NB 1110 + 00 - 1112 + 72 Rt
SB 1112 + 50 - 1115 + 38 Lt



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BITUMINOUS CONC GUTTER
ITEM 554
SB 1124+55 Lt

BIT CONC CURB
ITEM 555
SB 1124+55 - 1126+00 Lt

THREE CABLE GUARD RAIL W/
STEEL POSTS, ITEM 542
SB 1124+40 - 1126+00 Lt

PROJ I 89-(8)
NB & SB 1126+00
End Contract 4 Begin Contract 5

SB 1122+00
New 78" x 86' RCP, Cl III

1125+18
260'

1079'

McLAUGHLIN GATES

POT 1123+96.16

POT 1124+89.09

POT 1126+00.00

(46)

(47A)

(48A)

wood road

POST 1121+00.93

N 57° 28' 23" W

1120 1121 1122 1123 1126 1127 1128 1129 1130 1132 1133 1134

508'

1123+00
78'

McLAUGHLIN
DRUGE & LODDER

375'

GATES
DRUGE & LODDER

P.T. 1122+64.57

1172'

1125+36
250'

NB 1123+00
See Detail Item 706

NB 1123+00
New 78" x 86' RCP Class III
w/Type A Grate

NB 1122+00 ±
See Detail Item 706

NB 1122+00
New 78" x 86' RCP Class III
w/Type A Grate

TH #6
PI 10+66.00
10+64.78

barn

PT 12+21.26

TH #6
Δ 12°28'10" Lt
D 4°
R 1432.40
T 156.48
L 311.74
E 8.52
bank ½ per ft.

℄ POT 1 + 00.00

POT 1130+91.67

℄ POT 1129+57.00
℄ POT 2+30.00

POT 1133+40.70

POT 1132+50.00
TH #6
POT 14+67.25

POT 15+90.34

POT 17+05.02

PC 18+17.29

℄ POT 4+75.00

GATES
DRUGE & LODDER

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARRE-MONTPELIER
NO.
SHEET 34 OF

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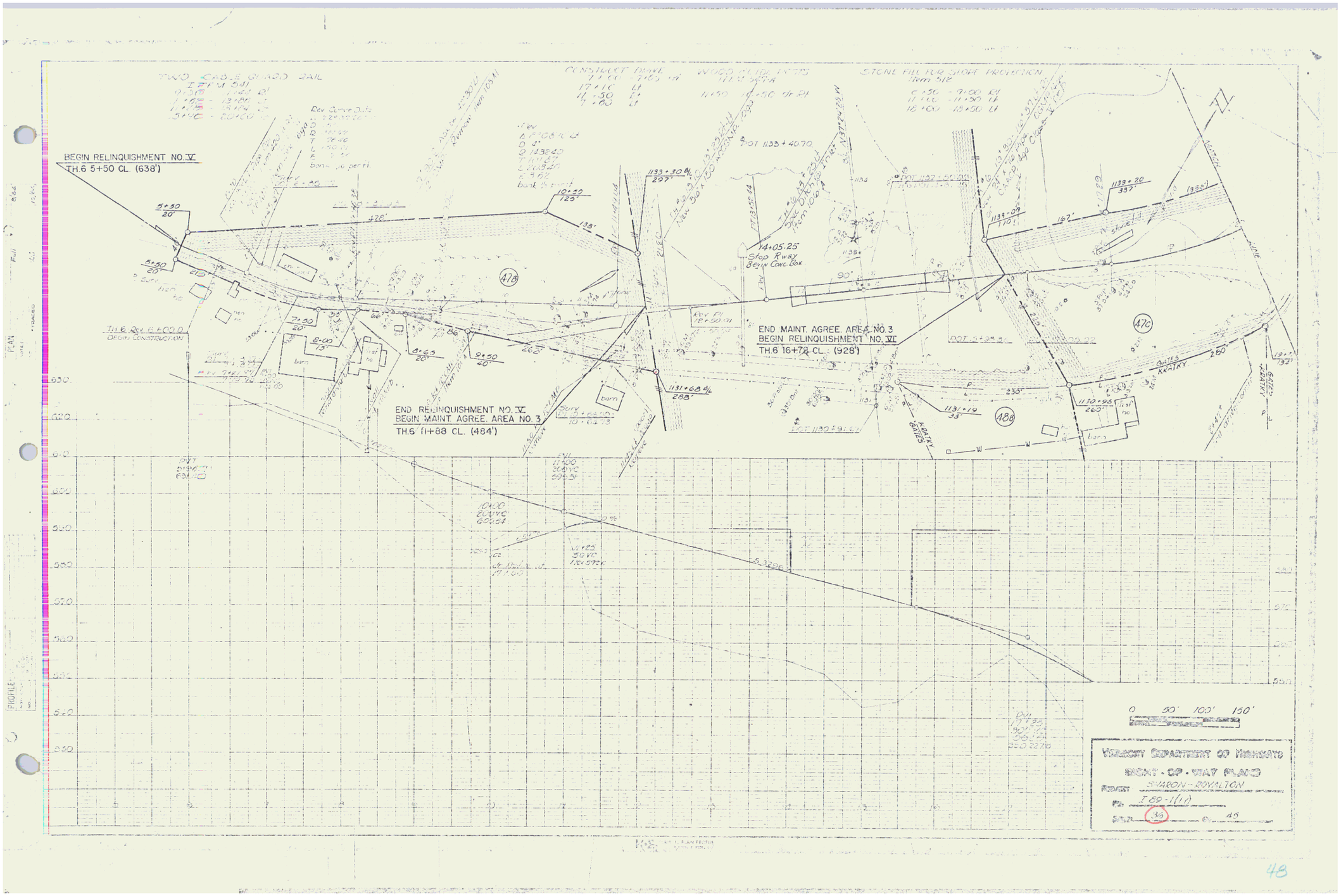
BEGIN RELINQUISHMENT NO. V
TH.6 5+50 CL. (638')
END RELINQUISHMENT NO. V
BEGIN MAINT. AGREE. AREA NO. 3
TH.6 11+88 CL. (484')
END MAINT. AGREE. AREA NO. 3
BEGIN RELINQUISHMENT NO. VI
TH.6 16+78 CL. (928')
TH.6 Rev. 8+00.0
BEGIN CONSTRUCTION
14+05.25
Stop R'way
Begin Conc. Box
barn
478
47C
48B
0 50' 100' 150'
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT SHARON - ROYALTON
FR I 89-1(1)
PAGE 39

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TWO CABLE GUARD RAIL
ITEM 541
20+00 - 20+92 Rt
21+07 - 23+59 Rt
SPECIAL DITCH
ITEM 106A
21+75 - 22+55 Rt

Rev Curve Data
Δ 43° 21' 22" Lt
D 16°
R 358.96'
T 227.75'
L 433.56'
E 43.61'
Ont. 3° 1Ft.

CONSTRUCT DRIVE
21+00 Rt

WOOD GUIDE POSTS ITEM 647A
0+35 - 1+15 dr - Lt

P L

DOT 30 & 31.58

GATES
BIGELOW

Rev. DT. 22°30'00" Lt

Surv DT 23°45'00"

TH #6 22°30'00" Lt
New 18°11'18" DT
16.90 on 60° BA ACD 10.99
45 Rev 60° BA ACD 10.99
CG MP

Construct Drive
21+00 Rt.

END RELINQUISHMENT NO. VI
TH.6 26+00 CL.

22+00
70'

393'

26+00
30'

GATES

P L

60

410'

26+00
30'

101.79
134'

275'

22+00
100'

1 RM drive
New 15" CMP
RCP
CMP

15" Pipe (Carlson)
(16.51)
(CI III)
(10.51)

Rev PI 20°45'00" Lt
20°23'10

Surv
PI 21+01.64
PC 20+87.93
Δ 52°19'10" Lt
D 10°

Surv POST 22°30'00" Lt
Rev POST 22°30'00" Lt

23+50
End Construction

Eg 1021'

PVI
20+00
652 Vt
49.60

PVI
21+00
150 Vc
Elev 500.0

Drive Profile @ sta 21+00 Lt

TO BE BUILT IN ITS ENTIRETY
DURING STAGE I CONSTRUCTION

CONTRACT 2
TOWN ROAD #6

SHEET NO. 37

47

PROPERTY LINE FENCE W/ STEEL POSTS ITEM 613-II
SB 1129'00-1133'00 LT
NB 1129'00-1135'00 RT

BITUMINOUS CONCRETE CURB ITEM 609
SB 1126'00-1134'50 LT
NB 1127'50-1133'95 RT

PLANK GUARD RAIL ITEM 540
NB 1130'85-1131'01 RT

THREE CABLE GUARD RAIL W/ STEEL POSTS ITEM 542
SB 1128'00-1135'00 LT
NB 1127'40-1133'90 RT

JUTE MATTING ITEM 623
M&D 1127'50-1130'00
M&D 1132'00-1135'00

END CONTRACT #1
BEGIN CONTRACT #5
PROJECT T 89-1(8)

McLAUGHLIN GATE 5
McLAUGHLIN DRUGE & LODDER

GATES DRUGE & LODDER

DRUGE & LODDER GATES

TH #6
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS

35

50

PROPERTY LINE FENCE
W/ STEEL POSTS ITEM 613-11
NB 1130'00 - 1131'00 Lt
SB 1135'00 - 1151'00 Lt

THREE CABLE GUARD RAIL
W/ STEEL POSTS ITEM 612
NB 1145'44 - 1146'72 Rt
NB 1148'20 - 1151'00 Rt

CONSTRUCT STONE FILL
ENERGY DISSIPATOR
ITEM 612
NB 1150'60 Rt

JUTE MATTING ITEM 623
Med 1135'00 - 1144'02
Med 1149'50 1151'00

1136+50
310'
320'
SB 1135+00 Lt NB 1135+26 Rt
New 6' x 26' Underdrain
SB 1134+72 Lt 1135+00 Lt
New 6' x 40' Underdrain
SB 1137+00 Lt
24" RCP x 30' ACCGMP 16ga
W12 Floors @ 15'0" & 2 Orig
Bands @ all Joints
SB 1137+00 Lt
24" RCP x 54' ACCGMP 16ga
W12 Floors @ 15'0" & 2 Orig Bands
@ all Joints
SB 1137+00 Med - SB Lt
New 24" x 76' RCP Cls III
W/ Type B Grate
SB 1138+00 Lt - 1140+00 Lt
New 6' x 200' Underdrain
Med 1137+00 - 1142+00
New 18" x 350' RCP Cls III
W/ Type A Grate
1320'
SB 1142+00 Lt
New 24" x 76' RCP Cls III
SB 1140+00 - 1146+00 Lt
New 6' x 600' Underdrain
L7 020
1146+50 SB 1150+50 Lt
New 6' x 200' Underdrain
1149+70
310'
GATES GIVE LOW
Slope Benching
Slope Benching
L&C Fence
POT 1135+20.91
POT 1145+09.62
POT 1150+98.73
47A
87
49A
N 37°23'20" W
1136
1137
1138
1139
1140
1141
1142
1143
1144
1145
1146
1147
1148
1149
1150
1151
BM 1238
U.S Elev
632.18
111.3'
BM 1238
U.S Elev
642.79
1144+63
170' Rt.
1145+00
308' Rt
1146+23
170' Rt.
1146+95
238' Rt
1147+31
170'
BM 1269
U.S Elev
649.39
(1369)
92'
117'
SB Wid 1131+00 Rt
New 18" x 76' RCP Cls III
SB 1132+35 - 1140+00 Rt
New 6' x 775' Underdrain
SB 1140+00 Lt - 1142+00 Lt
New 6' x 450' Underdrain
SB Med 1142+00 Lt
New 18" x 76' RCP Cls III
GATES GIVE LOW
1147+88
239
BASE
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: STP(S) - 0504(7)
NO. 20F 1701
SHEET 38 OF 45

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PROPERTY LINE FENCE w/ STEEL POSTS, ITEM 583 II
SB 1151+00-1167+00 Lt.
NB 1151+00-1167+00 Rt.

THREE CABLE GUARD RAIL w/ STEEL POSTS, ITEM 642
NB 1151+00-1151+72 Rt.
NB 1152+70-1154+62 Rt.
NB 1160+72-1167+00 Rt.
SB 1164+00-1167+00 Lt.

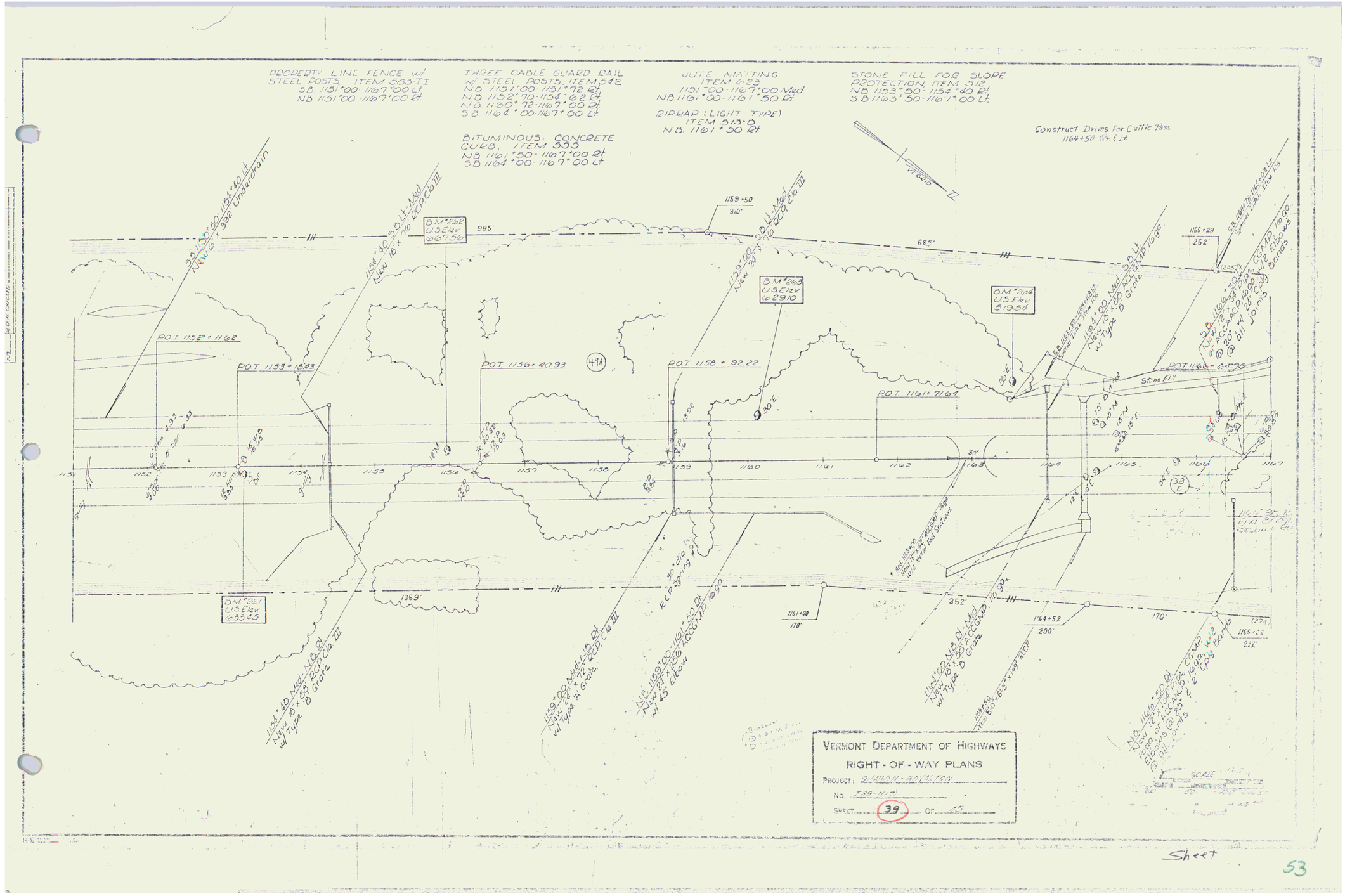
BITUMINOUS CONCRETE CURB, ITEM 553
NB 1161+50-1167+00 Rt.
SB 1164+00-1167+00 Lt.

JUTE MATTING ITEM 616.23
1151+00-1167+00 Med.
NB 1161+00-1161+50 Rt.

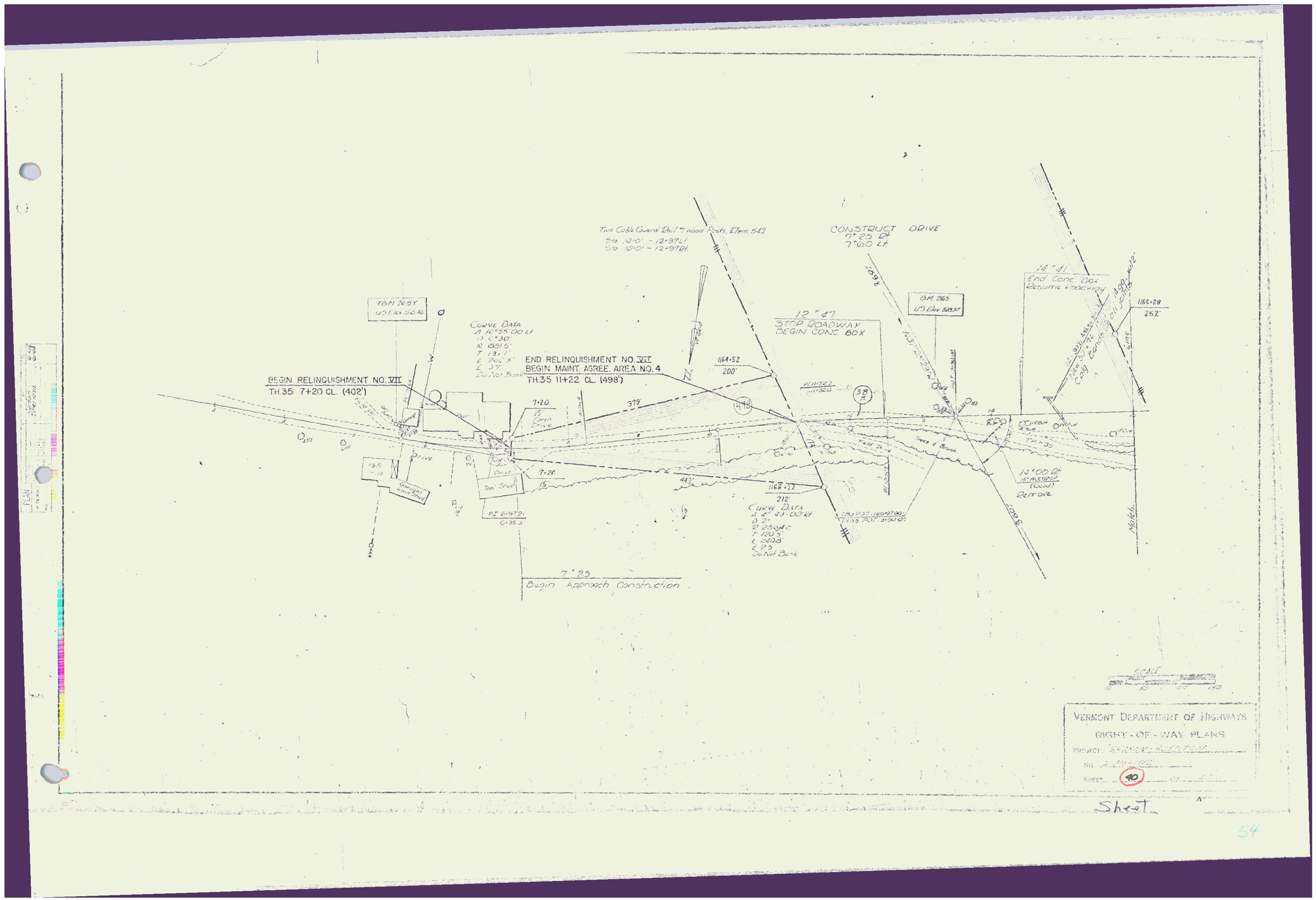
RIPRAP (LIGHT TYPE) ITEM 613-D
NB 1161+50 Rt.

STONE FILL FOR SLOPE PROTECTION, ITEM 613.2
NB 1159+50-1154+40 Rt.
SB 1163+50-1167+00 Lt.

Construct Drives For Cattle Pass
1164+50 Rt & Lt.



VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON-ROYALTON
NO. F09-1(17)
SHEET 39 OF 45


Two Cable Guard Rail w/ Wood Posts, Item 542
Sta 10+01 - 12+37 Lt
Sta 10+01 - 12+97 Rt
CONSTRUCT DRIVE
7+25 Rt
7+00 Lt.
TBM 36-5Y
USE Elev 538.46
CURVE DATA
Δ 16°55'00" Lt
D 6°30'
R 881.5'
T 131.1'
L 260.3'
E 5'
Do Not Bank
BEGIN RELINQUISHMENT NO. VII
TH 35 7+20 CL. (402')
END RELINQUISHMENT NO. VII
BEGIN MAINT. AGREE. AREA NO. 4
TH 35 11+22 CL. (498')
1164+52
200'
12+47
STOP ROADWAY
BEGIN CONC BOX
BM 263
US Elev 538.37
14+41
End Conc Box
Resume Roadway
1165+29
252'
7+20
15' Farm Drive
379'
Drive
Tool Shed
7+26
15'
493'
1166+22
212'
CURVE DATA
Δ 4° 43'-00" Rt
D 2°
R 2864.8'
T 120.5'
L 240.8'
E 2.9'
Do Not Bank
7+25
Begin Approach Construction
14+00 Rt
18" ALCUMS
(Good)
Remove
SCALE
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT: S.H.A.V.E. RELOCATION
NO. S 029-1(12)
SHEET 40 OF 47
Sheet
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DEMOLITION AND DISPOSAL
ITEM 206
1178'00 Lt

JUTE MATTING, ITEM 623
Med 1167'00-1169'00

THREE CABLE GUARD RAIL
w/ STEEL POSTS, ITEM 640
NB 1167'00-1168'40 Rt
SB 1167'00-1168'40 Lt
Med 1168'08-1168'48
Med 1178'10-1178'50
NB 1178'10-1178'50 Rt
SB 1178'10-1183'00 Lt

BITUMINOUS CONCRETE
CURB ITEM 609
NB 1167'00-1168'40 Rt
SB 1167'00-1168'40 Lt
NB 1178'10-1182'10 Rt
SB 1178'10-1183'00 Lt

Connect to Ramp B

PROPERTY LINE FENCE w/
STEEL POSTS, ITEM 613.11
NB Rt 1167'00-SB Lt 1168'50
1178'00-1183'00 N.B. Rt (Connects to Ramp B 4'+3'15 Rt)
1178'00-1183'00 SB Lt

4' CONE + 3'

GRANITE SLOPE
EDGING ITEM 616-A
NB 1162'85-1163'00 Rt

STONE FILL FOR
SLOPE PROTECTION
ITEM 522
SB 1167'00-1163'00 Lt

1169+36
418'

1168+33
234'

1169+00 Rt
1169+00 Lt
1169+00 CONT 16" CMP
1169+00 Rt 16" CMP
1169+00 Lt 16" CMP
1169+00 Rt 16" ACCESS
1169+00 Lt 16" ACCESS

1173+77
223'

1171+92
217'

BM 260
USE Elev
302.39

1175+89
243'

1176+98
230'

1178+00 Rt 16" CMP
1178+00 Lt 16" CMP
1178+00 Rt 16" ACCESS
1178+00 Lt 16" ACCESS

Match Line

POT 1172+69.81

POT 1176+79.85

POT 1176+14.75

1171+84
74'

35+27
40'

34+27
67'

35+62
27'

25+62
40'

Chicken house

93°03'

Cov Med POT 1174+50
Barn B POT 0+00

1171+69
130'

1175+48
130'

SEWER LINE
SEWER LINE

378'

ESt ho

gar

barn

barn

shed

C.M. 260
US Elev
302.51

WHITE RIVER

BIGELOW FORD

1169+00
225'

1169+00 Rt 24" CMP
1169+00 Lt 24" CMP
1169+00 Rt 24" ACCESS
1169+00 Lt 24" ACCESS

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: [illegible]
NO. [illegible]
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Sheet [illegible]

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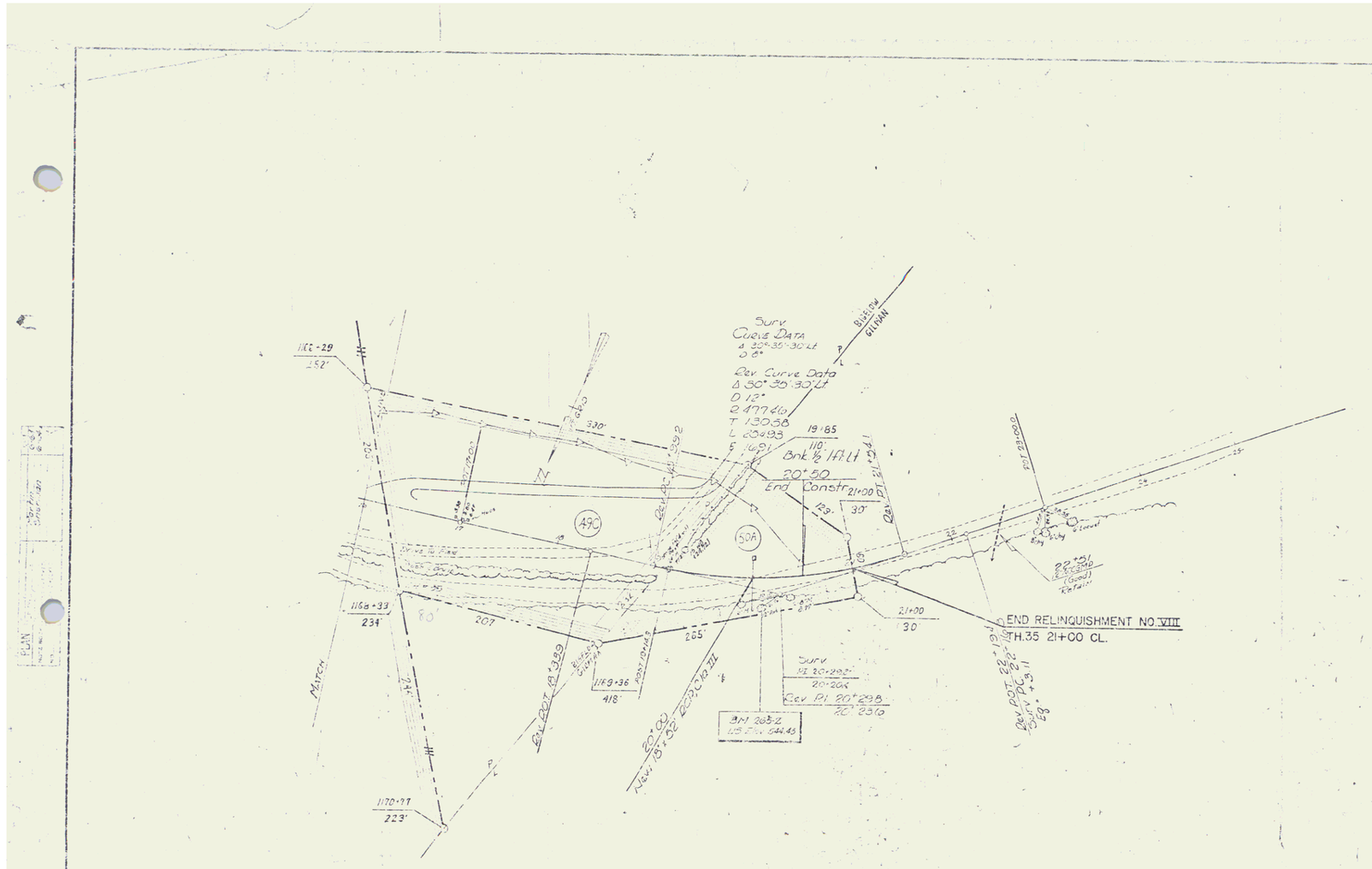

Sheet 1 ROW

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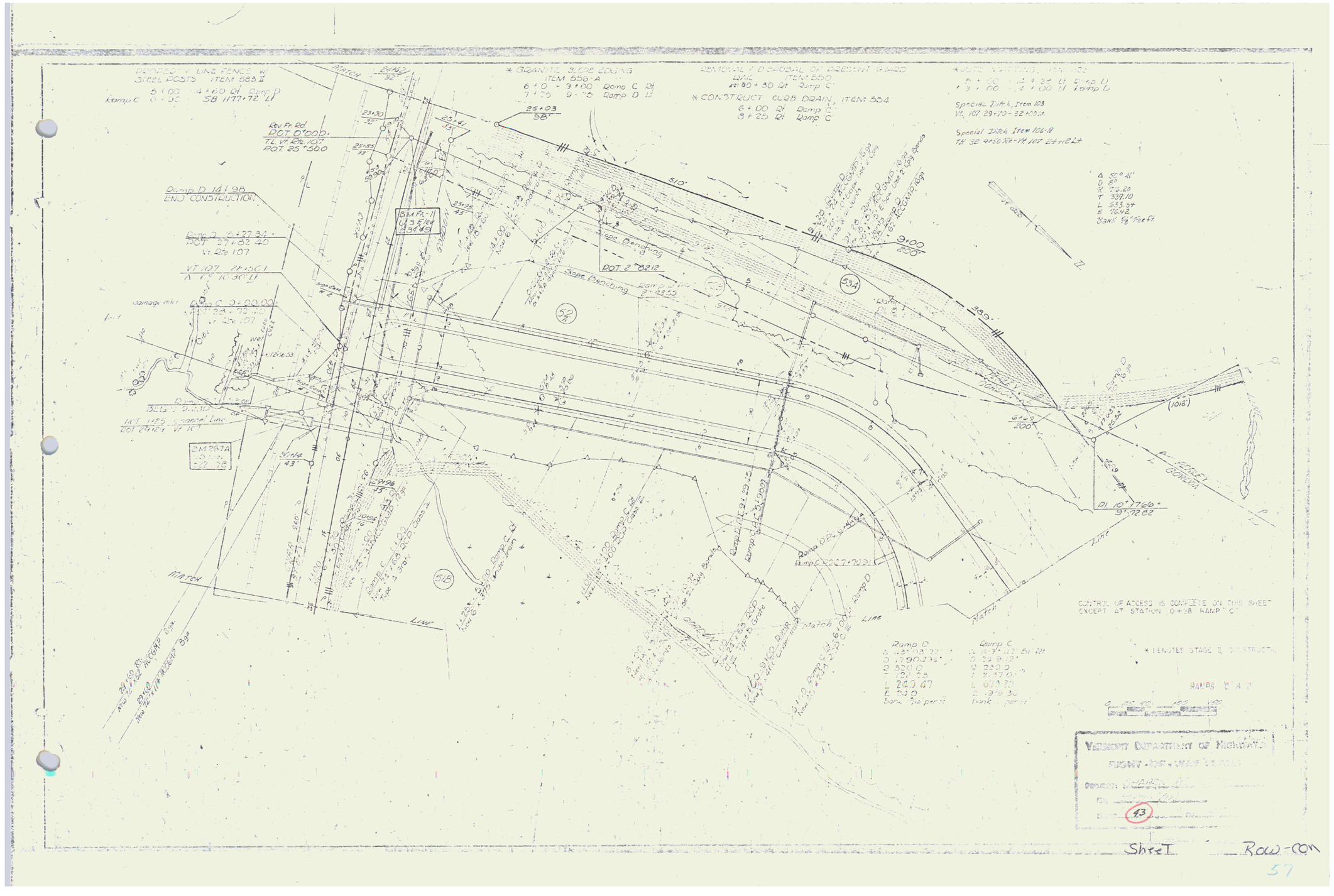
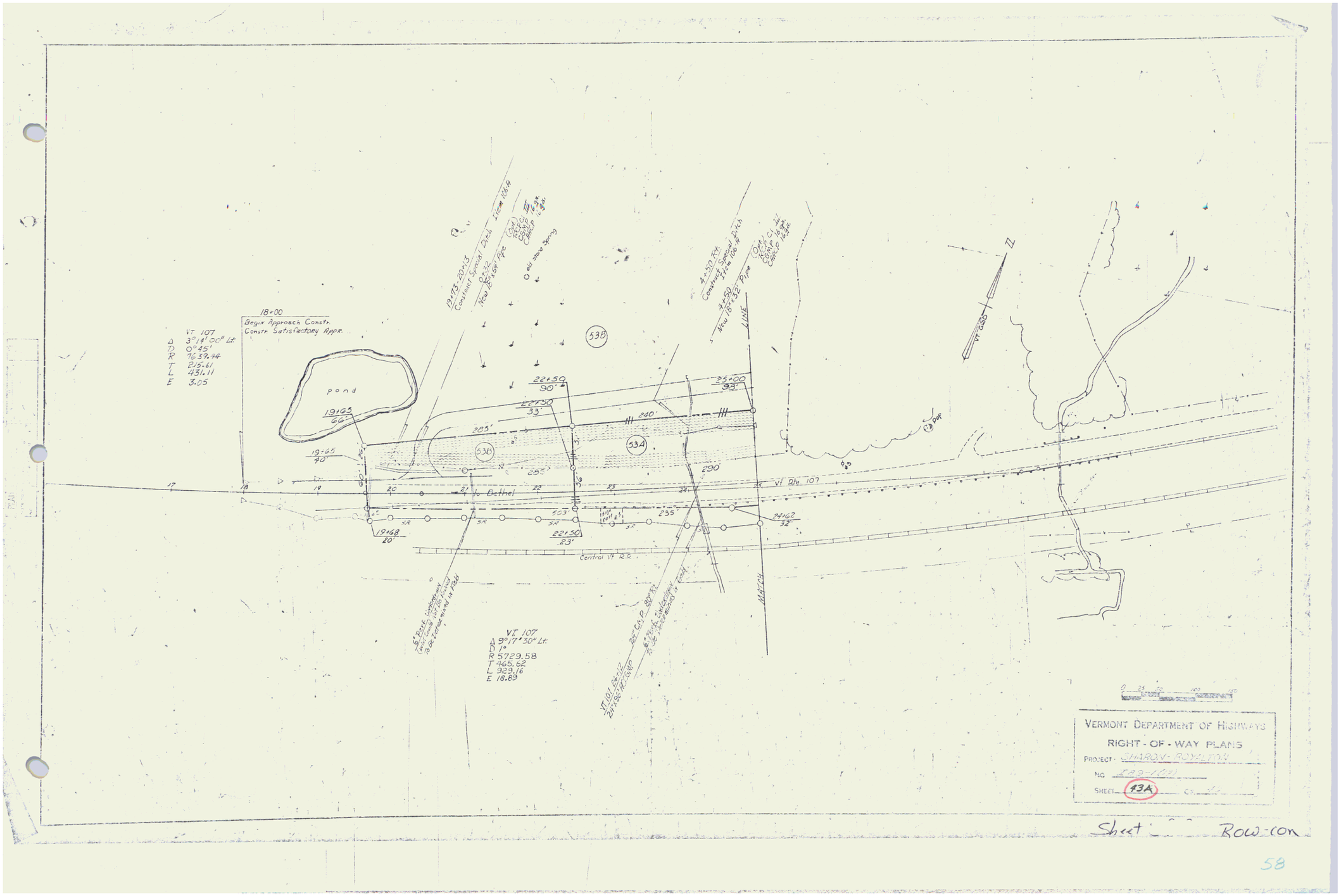

PROPERTY LINE FENCE W/ STEEL POSTS ITEM 583 II
5+00 - 14+60 Rt Ramp D
Ramp C 0+35 - SB 1177+72 Lt
Rev Fr Rd POT 0'000'
TL Vt Rte 107
POT 25+500
Ramp D 14+98 END CONSTRUCTION
Ramp D 16+22.34 POT 27+82.40 Vt 22a 107
VT 107 PP #5C1 A 1'-0" 10.90' Lt
Ramp C 0+00.00 POT 28+93.50 Vt 22a 107
Drainage ditch
BM #261A
IAT 1.63 Channel Line POT 29+69.1 Vt 107
BM #261
BCB 1 D=3.10
Match Line
BM Fr-1
BM #260
Ramp C Ld 1.83 Tot 1.90 Class III
Ramp C Ld 1.83 Tot 1.90 Class III
Ramp C 0+00 Ramp D 0+00
Ramp C 0+20 Ramp D 0+20
Ramp C 0+40 Ramp D 0+40
Ramp C 0+60 Ramp D 0+60
Ramp C 0+80 Ramp D 0+80
Ramp C 1+00 Ramp D 1+00
Ramp C 1+20 Ramp D 1+20
Ramp C 1+40 Ramp D 1+40
Ramp C 1+60 Ramp D 1+60
Ramp C 1+80 Ramp D 1+80
Ramp C 2+00 Ramp D 2+00
Ramp C 2+20 Ramp D 2+20
Ramp C 2+40 Ramp D 2+40
Ramp C 2+60 Ramp D 2+60
Ramp C 2+80 Ramp D 2+80
Ramp C


VT 107
Δ 3°18'00" Lt.
D 0°45'
R 7632.44
T 215.61
L 431.11
E 3.05
18+00
Begin Approach Constr.
Constr. Satisfactory Appr.
pond
19+65
60'
19+65
90'
22+50
90'
22+50
33'
285'
240'
35+00
93'
290'
538
534
534A
to Bethel
VT Rte 107
503'
235'
24+62
32'
19+68
20'
22+50
23'
Central VT R.R.
MATCH LINE
VT 107
Δ 9°17'30" Lt.
D 1°
R 5729.58
T 465.82
L 923.16
E 18.89
0 25 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON-ROYALTON
NO. IA91(17)
SHEET 13A CR.
Sheet ROW-con

PROPERTY LINE FENCE w/ STEEL POSTS, ITEM 583-11
Ramp A 12°00 - 16°42.7 Rt
Ramp B 4°31.5 - 7°50 Rt
Ramp C 9°00 - 12°7.13 Rt
Ramp D 5°00 - 0°00 Rt
S.B. 1183°00 - 1185°50 Lt
S.B. 1191°65 - 1193°00 Lt
N.B. 1189°26 - 1193°00 Rt.

GRANITE SLOPE EDGING ITEM 556-A
N.B. 1183°00-1183°37 Rt
S.B. 1189°+68-1190°+30 Lt
Ramp C 9°00-12°7.13 Rt
Ramp B 4°+31.5-7°+50 Rt
Ramp B 4°+38-4°+90 Lt
Ramp D 1°+59-1°+91 Lt

THREE CABLE GUARD RAIL w/ STEEL POSTS ITEM 542
Ramp C 11°35-12°7.71 Rt
Ramp B 5°50-7°48 Lt
Ramp B 0°00-7°50 Rt
Ramp A 12°00-13°90 Lt
Ramp A 12°00-13°96 Rt
S.B. 1189°00-1185°50 Lt (Connect to ramp C)
S.B. 1192°00-1193°00 Lt

BITUMINOUS CONCRETE CURB, ITEM 609
Ramp A 12°00-10°42.7 Rt
N.B. 1189°26-1192°00 Rt
S.B. 1192°00-1185°00 Lt
S.B. 1183°00-1183°50 Lt Connect to Ramp 'C'

STONE FILL FOR SLOPE PROTECTION, ITEM 522
N.B. 1191°00-1193°00 Rt

JUTE MATTING ITEM 623
Ramp A 12°00-12°50 Lt
Ramp A 13°50-15°00 Lt
Ramp B 3°00-4°50 Lt
Ramp D 3°00-4°00 Lt
Ramp C 11°00-11°50 Rt
Med. 1183°50-1193°00
S.B. 1185°35-1186°30 Lt

BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS CONSTRUCT CU2.8 DRAIN
RAMP 'C' 10°50 Rt
S.B. 1192°50 Lt from Curb

Dev. M.L.
Δ 15° 29' 26" Lt
D 1° 00' 00"
R 5208.71
T 705.44
L 1400.23
E 47.96
Bnk. 5/16 Lft

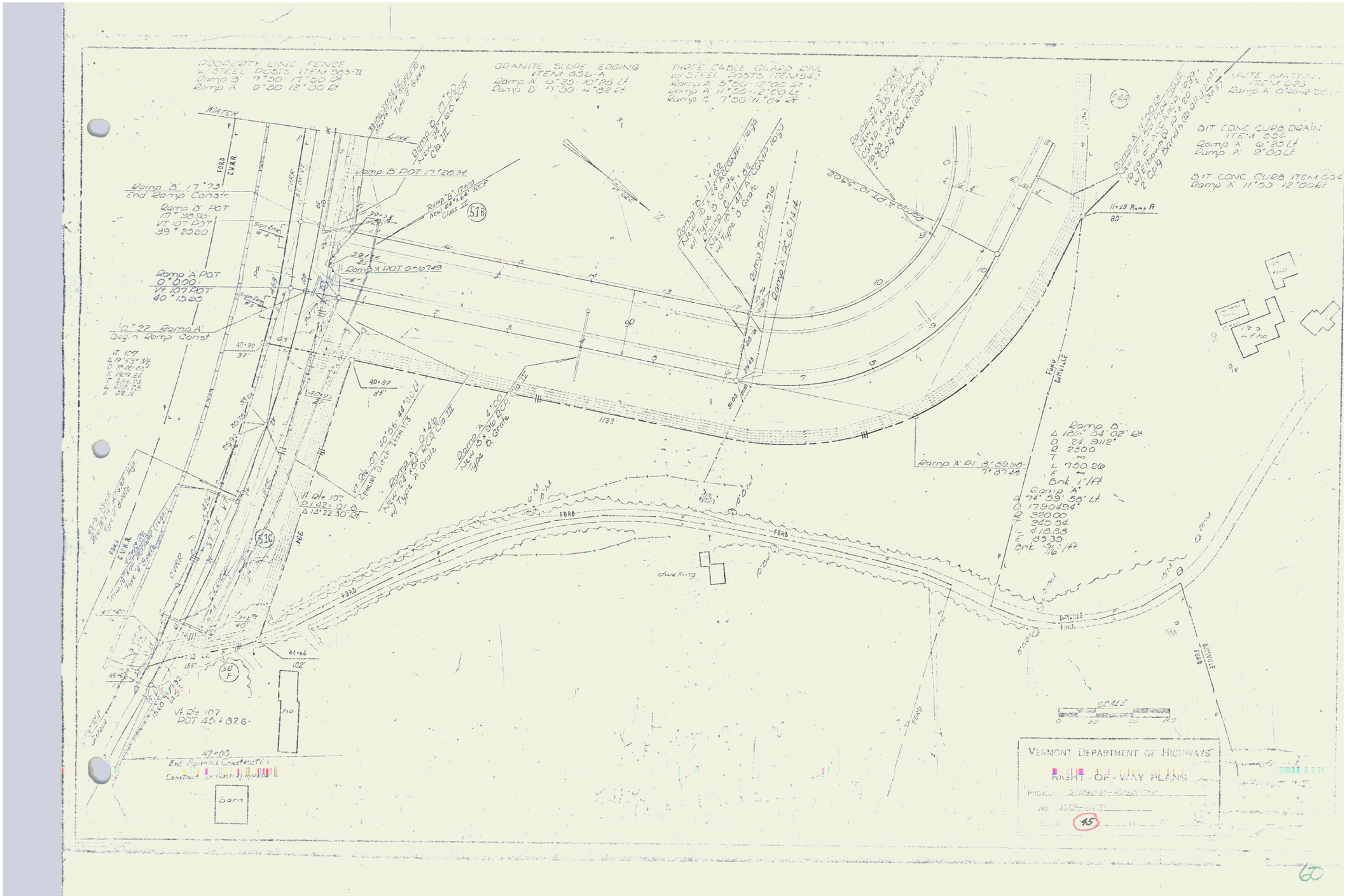
Match Line — 9°00-10°50 Ramp C Rt, New 16" x 100' Underdrain — 11°00-11°15 Rt Ramp C, New 18" x 80' ACCGMP, 16ga w/ Type A Grate — 11°00-11°50 Ramp C Rt, New 18" x 80' ACCGMP, 16ga w/ Type A Grate, Use 2 Cpg bends @ all joints — Match Line

PCC 1183°50 End Ramp C, Lt — Ramp C Lt, New 18" x 120' ACCGMP, 16ga, w/ 2 - 30° Elbows, Use 2 Cpg bends @ all joints — GORDON ROAD

Ramp C Rt, New 16" x 100' Underdrain — 9°00-10°50 Ramp C Rt, New 16" x 100' Underdrain

Ramp C Rt, New 18" x 80' ACCGMP, 16ga w/ Type A Grate

Ramp C Rt, New 18" x 80' ACCGMP, 16ga, w/ 2 - 30° Elbows, Use 2 Cpg bends @ all joints —


PROPERTY LINE FENCE
W/ STEEL POSTS ITEM 583-11
Ramp B 7°30' - 17°30' Rt
Ramp A 0°30' - 12°00' Rt
GRANITE SLOPE EDGING
ITEM 556-A
Ramp A 0°28' - 10°28' Lt
Ramp B 11°30' - 4°32' Rt
THREE CABLE GUARD RAIL
W/ STEEL POSTS ITEM 643
Ramp A 5°30' - 12°00' Rt
Ramp A 11°30' - 12°00' Lt
Ramp B 7°30' - 11°84.27
BIT CONC CURB DRAIN
ITEM 656
Ramp A 0°28' Lt
Ramp A 9°00' Lt
BIT CONC CURB ITEM 656
Ramp A 11°30' - 12°00' Rt
Ramp B
Δ 186° 54' 02" Rt
D 24° 31' 12"
R 2300
T ∞
L 750.26
E ∞
Bnk 1"/ft
Ramp A
Δ 74° 39' 58" Lt
D 17° 90' 49"
R 320.00
T 245.54
L 418.88
E 85.35
Bnk 12"/ft
Ramp A' PI 8°59.68'
7°07.48
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
SCALE
dwelling
barn
60

Property Line Fence with Steel Posts, Item 582.11
1194+70 28 Lt - 1193+00 28 Lt
1193+00 NB Ft - 1193+00 NB Rt

1193 +00
END PROJECT I 99-1(8)
BEGIN PROJECT I 99-1(9)

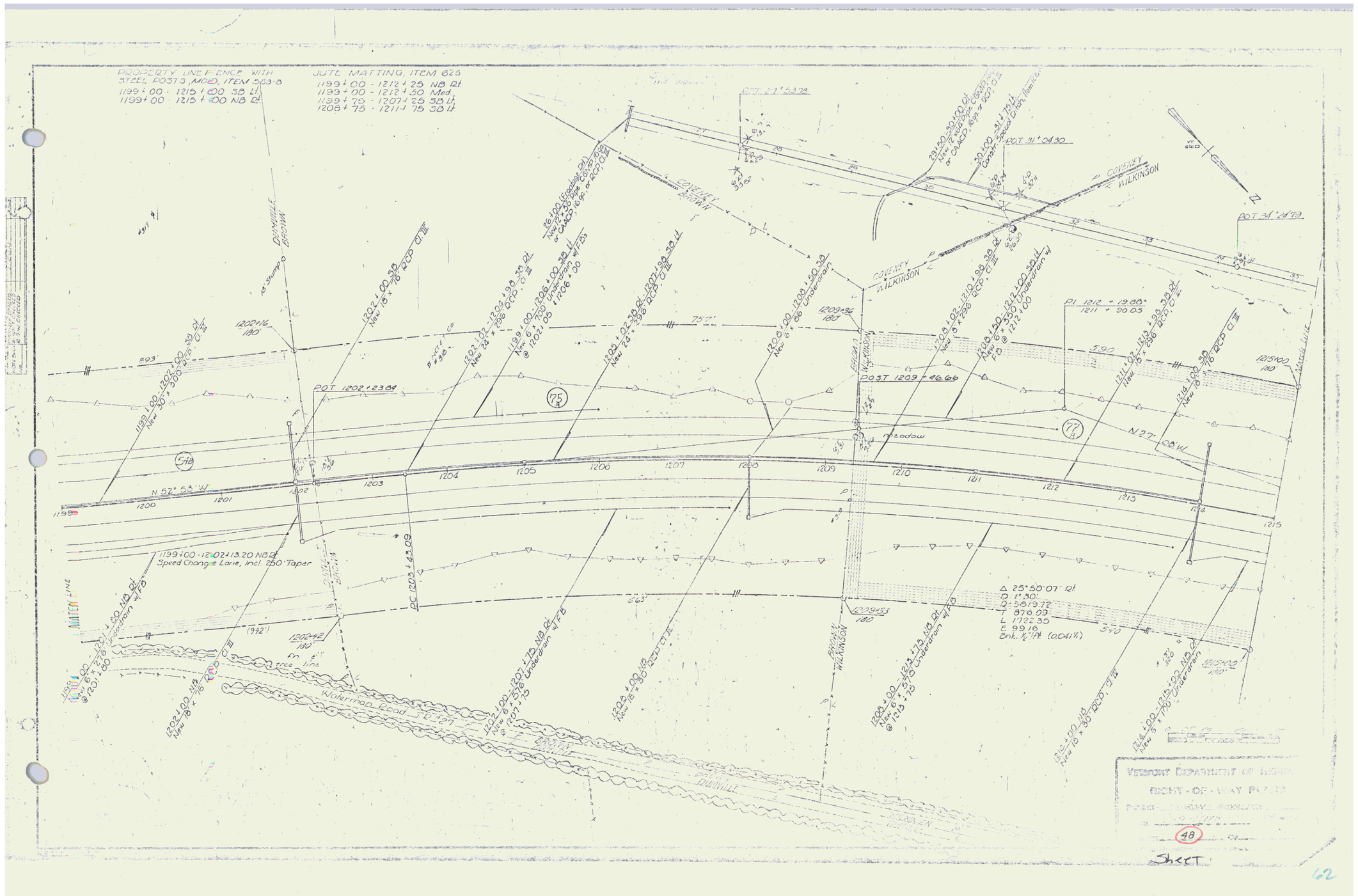
PERLEY GORDON
PERLEY DUMVILLE
GORDON DUMVILLE
DUMVILLE GORDON
GORDON DUMVILLE
GORDON ROAD

1190+74
180
280'
1193+50
185
1193+17
185
1193+00
185
1195+02
175
1193+00
53
1193+00
100
1189+00
100
1187+53
175'

1193+50 28 Lt
1193+50 28 Lt
1193+50 28 Lt

PROPERTY LINE FENCE WITH STEEL POSTS, MOD., ITEM 613.8
1199+00 - 1215+00 SB Lt.
1199+00 - 1215+00 NB Rt.

JUTE MATTING, ITEM 625
1199+00 - 1212+25 NB Rt.
1199+00 - 1212+50 Med.
1199+75 - 1207+25 SB Lt.
1208+75 - 1211+75 SB Lt.



VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT F 020-N(5) 000(2)
TOWN OF HARDWICK
48
SHEET

62

CONSTRUCT DRIVE TO 1221 + 35 + 85 Lt. (Lt. Rd.) - 1.5 ac MIL. 1218 + 50 Lt. ~ 1220 + 50 Rt.

WOOD GUIDE POSTS ITEM 647.A 38 + 14 - 38 + 30 Lt. Fr. Rd 54 + 50 - 38 + 38 Diff. Rd

JUTE MATTING, ITEM 625 1225 + 25 - 1229 + 25 SB Lt

THREE CABLE GUARD RAIL ITEM 643 1221 + 00 - 1231 + 00 NB Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115 1227 + 75 - 1228 + 25 SB

BITUMINOUS CONCRETE CURB, ITEM 6[illegible] 1225 + 50 - 1231 + 00 NB Rt

PROPERTY LINE FENCE, MOD, ITEM 6[illegible] B 1215 + 00 - 1231 + 00 SB Lt 1215 + 00 - 1231 + 00 NB Rt

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: SHARON - ROYALTON
No. F 5.9 - (17)
SHEET 49 OF

38+30 END FR. RD CONSTR.

Frontage Rd. P.O.T. 38 + 55.26

WILKINSON DARLING

DARLING WILKINSON

BEGIN MAINT. AGREE. AREA NO. 5
TH. 32 / 40+98 CL. (340')

P WILKINSON / BROWN

Fr. Rd. P.O.T. 35 + 39.6

1215 + 00 18.27

32 + 50 - 34 + 50 Lt. New 6" CI. RCP CL. III or CMP 16 ga or CAAP 16 ga Specification, Item 706.5 A

35 + 50 - 37 + 50 Lt. New 18" CMP 16 ga or CAAP 16 ga

60 Dia. Cond. 16 ga Apron

12 Dia. Cond.

POST 1219 + 56.80 Δ 85°48'

1223 + 00 130'

1224 + 55 155'

12 Approx. trees

1223 + 00 130'

1226 + 00 130'

1227 + 77 180'

1230 + 00 325'

1231 + 00 100'

POT 1227 + 77.41

barn

1/2 S.W.F. No

1222 + 00 32 Lt - NB Rt New 18" x 24" ACCOMP. 16 ga Mod. w/ 12' Metal Elbow

58 1227 + 00 Lt - Rt New 18" x 80" ACCOMP. 16 ga

1230 + 00 58 Lt - NB Rt New 42" x 72" ACCOMP. 10 ga

N 27° 08' W

1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1231

MARCH'A LINE

1215 + 00 180'

1219 + 42 180'

1220 + 00 180'

1215 + 00 - 1217 + 00 NB Rt New 6' x 260' Underdrain

SD 1217 + 95 Lt - NB 1218 + 75 Rt New 6'-2" x 4'-9" x 5'-8" ACCOM. 25 Arch. w/ 1 Bar

NB 1218 + 96 - 1222 + 75 Lt Construct Special Ditch, Item 636.1

1219 + 63 Lt - 2 ea Stone Removal

END MAINT. AGREE. AREA NO. 5
BEGIN RELINQUISHMENT NO. IX
TH. 32 - 44 + 38 CL. (310')

Land being acquired by Town of Royalton

CROWN 1215' Slope Rts 0.12 AC Take

Wilkinson 1 1260' Slope Rights 0.12 Ac Take

46+50 TK 32

46+50 TK 32

END RELINQUISHMENT NO. IX
TH. 32 47+48 CL.

BROWN WILKINSON P/L

NB 1227 + 50 Lt - Rt New 15" x 146' CCCMP 16 ga w/ 12' CAAP Bends @ all Joints

NB 1227 + 50 Lt - Rt New 12" x 58' CCCMP 16 ga or CAAP 16 ga w/ 12' CAAP Bends @ all Joints

NB 1230 + 50 Lt - Rt New 12" x 50' CCCMP 16 ga or CAAP 16 ga w/ 2 - 15° Elbows & 12' CAAP Bends @ all Joints

NB 1231 + 00 Lt - Rt New 12" x 100' CCCMP 16 ga w/ 1 - 15° Elbow & 12' CAAP Bends @ all Joints

NB 1230 + 50 Rt New 12" CCMP 16 ga or CAAP 16 ga w/ 1 - 15° Elbow & 12' CAAP Bends @ all Joints

NB 1231 + 00 Lt - Rt New 12" x 100' ACCOMP 16 ga w/ 2 - 15° Elbows & 12' CAAP Bends @ all Joints

MARCH'A LINE

Sheet 63

THREE CABLE GUARD RAIL
ITEM 542
1231 + 00 - 1247 + 00 NB-Rt

JUTE MATTING, ITEM 668
1234 + 75 - 1240 + 75 SB Lt

BITUMINOUS CONC CURB
ITEM 656
1231 + 00 - 1247 + 00 NB Rt

PROPERTY LINE FENCE (MOD)
ITEM 613-11
1231 + 00 - 1247 + 00 SB - Lt
1231 + 00 - 1247 + 00 NB-Rt

VT 9G10

BROMLEY
PHIPPARD

POT 1240 + 74

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS

50

Sheet R.O.W.

64

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

INTERSTATE PROJECT

TOWNS OF SHARON

COUNTY OF WINDSOR
INTERSTATE ROUTE 89
WHITE RIVER JCT. – MONTPELIER ROAD

CONTRACT 2

BEGINNING AT A POINT 1.655 MILES SOUTHEAST OF THE SHARON–ROYALTON TOWN LINE AND EXTENDING NORTHWESTERLY 0.58 MILES

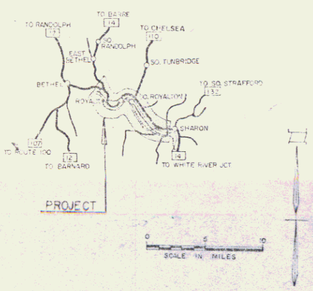
LENGTH OF ROADWAY		FEET =	MILES
LENGTH OF BRIDGES	833.64	FEET = 0.158	MILE
LENGTH OF PROJECT	833.64	FEET = 0.158	MILES

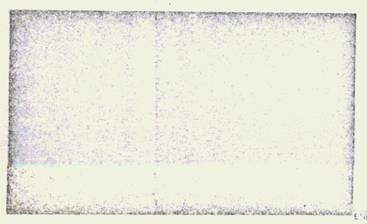
DESIGN DESIGNATION

ADT	1960	1800
ADT	1985	4175
DHV	1985	610
D		56%
T		0.5%
V		60 MPH

1	TITLE SHEET
2-4	RIGHT-OF-WAY DETAIL SHEETS
5	ROADWAY PLAN SHEET
6-7	ROADWAY PROFILE SHEETS
8-41	BRIDGE SHEETS (BR. 100-1331)
42	BLANK
43	E-31 FED. AID CONSTRUCTION IDENTIFICATION SIGNS 4/21/67 R
44	E-33 BRIDGE CONSTRUCTION APPROACH SIGNS 1/6/67
45	E-34 ON-PROJECT CONSTRUCTION SIGNS 1/13/67
46	M-1 BOUNDARY MARKERS 3/10/65
47	SCB-30-65 TYP. SECTIONS & QUANTITIES - 30' ROWY. 2/24/66 R
48	SCB-01-65 GENERAL NOTES & INFORMATION 2/14/66 R
49	SCB-02-65 DETAILS A, B, & C 2/4/65 R
50	SCB-04-65 REINFORCEMENT AT ABUTMENTS 2/4/65 R
51	SCB-07-65 DETAILS A, B, & D 3/7/66 R
52	SCB-07-65 DETAILS A, B, C, D, & E 2/4/65 R
53-54	SB-R1-64 ALUMINUM BRIDGE RAILING - SHEETS 1 & 2 OF 2 12/5/66 & 11/8/66 R
55	SB-R2-65 GALVANIZED METAL BRIDGE RAILING 11/8/66 R
56	BLANK
57-65	ROADWAY SECTIONS (MAINLINE)
66-69	ROADWAY SECTIONS (VT. 14)
70-73	CHANNEL SECTIONS

FOR RIGHT OF WAY DETAILS, SEE RIGHT OF WAY PLANS.





STA. 767+60.20 END CONTRACT 1 STOP ROADWAY
BEGIN CONTRACT 2 BEGIN BRIDGE
STA. 775+93.3 END CONTRACT 2 END BRIDGE END PROJECT I 89-1(136)
BEGIN PROJECT I 89-1(137) RESUME ROADWAY

CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNFENCED
SLAB WALL
TRAVELED WAY
PUBLIC ROAD
PRIVATE ROAD
SERVICE LINE
CULVERT
DRIVE WAY
TROLLEY LINE
POWER POLE
TELEPHONE POLE
TREES
HEDGE
FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS Δ

BASE ELEVATION	
BRIDGE ELEVATION	
CURVE DATA	
DEFLECTION ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
LONG. DISTANCE	E
POINT OF INTERSECTION	P.I.
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT ON TANGENT	POT

APPROVED C. H. Cresta ASST. CHIEF ENGR.	APPROVED Clif Hathaway	APPROVED [illegible]	APPROVED [illegible]	APPROVED D. M. Lane	APPROVED A. O. Distad	DEPARTMENT OF TRANSPORTATION BUREAU OF PUBLIC ROADS DEC 20 1973
DATE 11/14/67	DATE 11/16/67	DATE 11/21/67	DATE 11/13/67	DATE 11/21/67	DATE 11/24/67	APPROVED

PROJECT 1 NO. 89-1 (37)
SHEET 1 OF 73 SHEETS

FIELD SET 65

Sheet 1

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STA 767+60.20 TO 775+93.3

(11)

STATE OF VERMONT

DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

INTERSTATE PROJECT

TOWNS OF SHARON--ROYALTON

COUNTY OF WINDSOR

INTERSTATE ROUTE 89

WHITE RIVER JCT.--MONTPELIER ROAD

BEGINNING AT A POINT 1.456 MILES SOUTHEAST OF THE SHARON-ROYALTON TOWN LINE AND EXTENDING NORTHWESTERLY 2.918 MILES

LENGTH OF ROADWAY 15,136.66 FEET = 2.867 MILES
LENGTH OF BRIDGES 289.51 FEET = 0.051 MILE

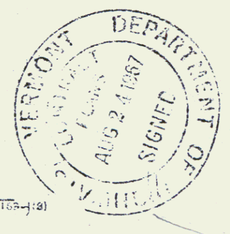
LENGTH OF PROJECT 15,406.17 FEET = 2.918 MILES

DESIGN	DESIGNATION
ADT 1960	1500
ADT 1985	4175
DHV 1980	610
D	56%
T	8.5%
V	60 MPH

Dated 12 [illegible]

PERINI CORPORATION
73 MT. WAYNE AVENUE
FRAMINGHAM, MASS. [signature]
LOUIS A. PERINI
VICE PRESIDENT
CONTRACTOR

[signature]
Commissioner of Highways



END PROJECT I 89-1(36) — BEGIN PROJECT I 89-1(37) — STA 775+93.04 — BEGIN BRIDGE — END BRIDGE — BEGIN PROJECT I 89-1(38) CONTRACT 1 — END PROJECT I 89-1(37) — STA 826+62.0

SHARON — ROYALTON — WHITE RIVER — TOWN ROAD 18 — ROAD 15 — TO BARNARD — TO WOODSTOCK — TO BETHEL — LIMITED ACCESS — RIGHT-OF-WAY — BEGIN RIGHT-OF-WAY

CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
GORE LINE
STONE WALL
FENCED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
RETAINING WALL
CENTER LINE
SURVEY LINE
CULVERT
CUT
FILL
UTILITY POLE
TELEPHONE POLE
TREES
BRUSH
FEDERAL AID DESIGNATION IDENTIFICATION

GROUND ELEVATION
GRADE ELEVATION

CURVE DATA

DEFLECTION OF ANGLE — Δ
DEGREE OF CURVE — D
RADIUS OF CURVE — R
TANGENT DISTANCE — T
LENGTH OF CURVE — L
EXTERNAL DISTANCE — E
POINT OF INTERSECTION — P.I.
POINT OF CURVE — P.C.
POINT OF TANGENT — P.T.
POINT ON TANGENT — P.O.T.
POINT ON SUBTANGENT — P.O.S.T.

THE CONSTRUCTION OF THIS PROJECT SHALL BE AS SHOWN ON THESE PLANS AS MODIFIED BY THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED APRIL 1964, AS AMENDED BY THE SUPPLEMENTAL SPECIFICATIONS DATED OCTOBER 14, 1965, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

CONSTRUCTION TO BE STARTED ON OR BEFORE [illegible] AND COMPLETED ON OR BEFORE [illegible]

DEPARTMENT OF TRANSPORTATION
BUREAU OF PUBLIC WORKS

APPROVED [illegible]
DIVISION ENGINEER
PROJECT I 89-1(37)
SHEET 1 OF 160 SHEETS

DRAWN CO	CHECKED	APPROVED	TRACED	APPROVED	COMPUTED
DATE	DATE	DATE 8/1/67	DATE 7/67	DATE 7/67	DATE

ROW I 89-1(17)
Sheet 160

SUB-BASE OF SAND, ITEM 202
SB 732+00 ~ 735+00
NB 732+00 ~ 735+00

PROPERTY LINE FENCE, ITEM 383-II
SB 732+00 ~ 735+00 Lt.
NB 732+00 ~ 735+00 Rt.

School

15 ha

old pasture drive

18" Buried

3" Galvanized air spring manifold

7 V cable

barn

BM 146
U.S. Elev.
510.67

BM 147
U.S. Elev.
515.01

PI 720+40.25
719+69.57 (with spiral)

ST 727+96.56

Zero P.C. Elev. 1165.76
Begin 730+32.78 Decel Lane
End Decel Lane Taper 300'

SB 730+32.78 End Decel Lane Taper 300'

SB 733+32.78 End Decel Lane Taper

732+00
11.5

SB 732+00 ~ 735+00 Rt. New 6" PCCP on 12" Gravel Subbase Item 204 & 214

Adjust 24" MH Grade

Adjust 24" MH Grade

NB 732+00 ~ 733+00 Rt. New 10" PCCP on 12" Gravel Subbase Item 204 & 214

NB 732+00 ~ 733+00 Rt. New 6" PCCP on 12" Gravel Subbase Item 204 & 214

732+00
210'

733+00 ~ 735+00 Rt. New 6" PCCP on 12" Gravel Subbase Item 204 & 214

Cone octagonal 732.4 Invert 12.76 Grade w/cover

3'S" conc. box w/cover

5' storm spring w/cover

Grade A U.S. Elev. 514.37

END PROJECT I 99-1 (20)

BEGIN PROJECT I 99-1 (20)

732+50.02

DEC 20 1973

SHARON

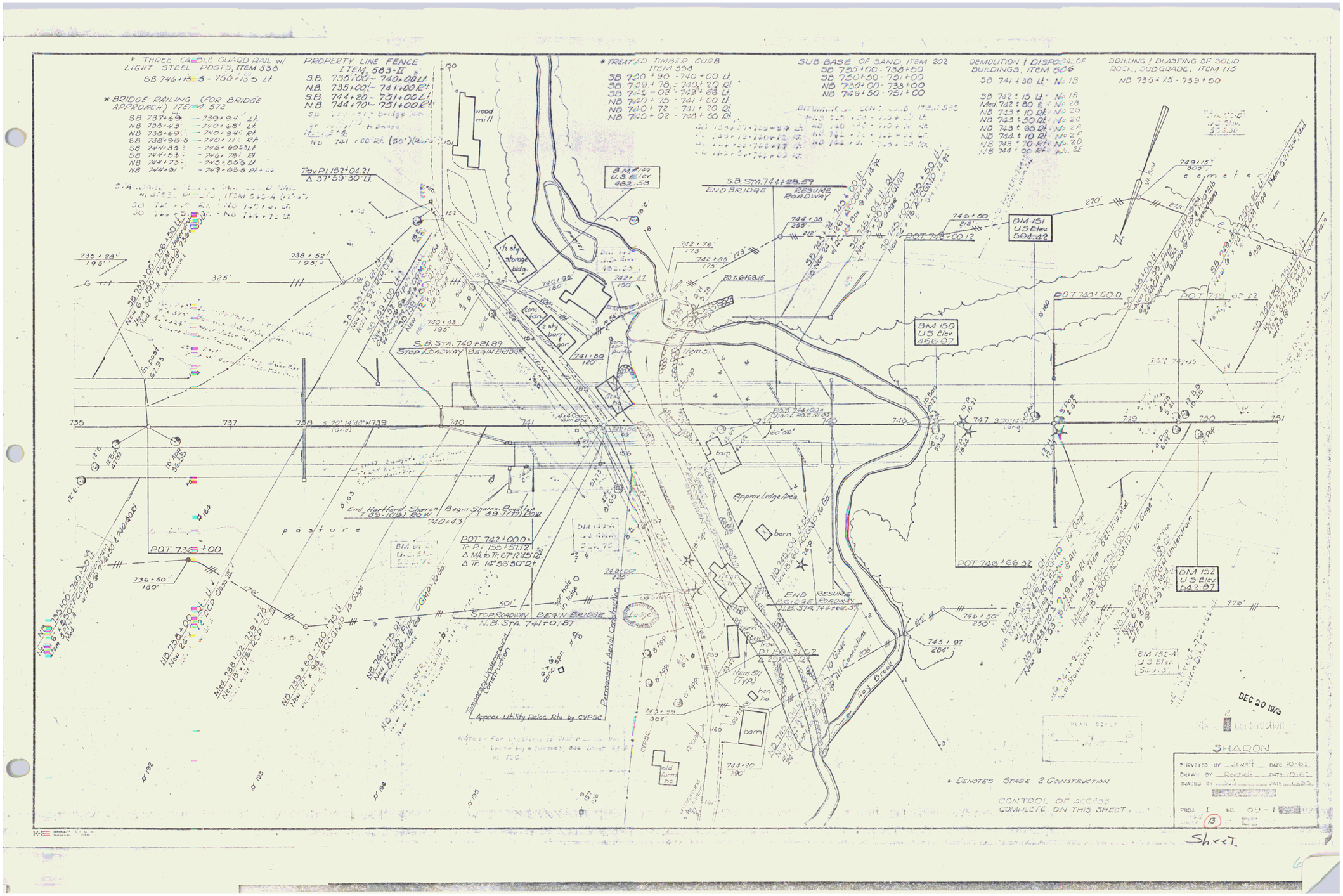
SURVEYED BY Jewett DATE 10-52
DRAWN BY Parrott DATE 10-52
TRACED BY DATE

PROJ. I NO 99-1 (20)
SHEET 11 OF 183

CONTROL OF ACCESS
COMPLETE ON THIS SHEET

Sheet

67


* THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS, ITEM 538
SB 746+13.5 - 750+13.5 Lt
* BRIDGE RAILING (FOR BRIDGE APPROACH) ITEM 572
PROPERTY LINE FENCE ITEM 583-II
* TREATED TIMBER CURB ITEM 558
SUB-BASE OF SAND, ITEM 202
DEMOLITION & DISPOSAL OF BUILDINGS, ITEM 526
DRILLING & BLASTING OF SOLID ROCK, SUBGRADE, ITEM 115
NB 739+75 - 739+50
BM #149 U.S. Elev. 482.58
S.B. Sta. 744+28.59 END BRIDGE RESUME ROADWAY
BM #151 U.S Elev. 504.42
BM #150 U.S Elev. 486.07
BM #152 U.S Elev. 542.87
S.B. Sta. 740+81.89 Stop Roadway Begin Bridge
N.B. Sta. 741+07.87 Stop Roadway Begin Bridge
End Hartford, Sharon Begin Sharon-Pawling
Approx. Ledge Area
Approx. Utility Reloc. Rhs. by CVPSC
Temporary Water Supply Construction
Permanent Aerial Construction
pasture
cemetery
barn
1½ sty storage bldg
1½ sty barn
wood mill
* DENOTES STAGE 2 CONSTRUCTION
CONTROL OF ACCESS COMPLETE ON THIS SHEET
SHARON
DEC 20 1973
Sheet

* THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS, ITEM 638
SB 757+10 - 759+78 Lt
NB 754+11 - 757+50

* BRIDGE RAILING (FOR BRIDGE APPROACHES), ITEM 532
NB 765+23 - 767+00 Lt
SB 765+45 - 766+91 Lt
NB 765+50 - 767+00 Rt
SB 766+03 - 767+00 Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 113
SB 752+75 - 757+50
NB 754+25 - 758+25
NB 766+25 - 767+00

DRILLING & PRESPLITTING OF SOLID ROCK, ITEM 125
Med 752+50 - 757+50

PROPERTY LINE FENCE w/STEEL POSTS, ITEM 583-II
SB 751+00 - 767+00 Lt
NB 751+00 - 767+00 Rt

SUBBASE OF SAND, ITEM 202
SB 751+00 - 783+25
NB 751+00 - 752+75

DEMOLITION & DISPOSAL OF BUILDINGS, ITEM
NB 762+40 Lt No. 4B
SB 762+65 Lt No. 4A
NB 766+10 Rt No. 4C
SB 766+50 Lt No. 3A
NB 766+50 Rt No. 4D

cemetery

POT 752+03.52

POT 755+67.50

POT 757+45.35

POST 760+97.65

POST 764+72.43

BM 155
US Elev.
522.58

BM 157
US Elev.
499.83

BM 153
US Elev.
580.87

BM 154
US Elev.
582.00

BM 156
US Elev.
565.49

building ruins

camp ruins

old reservoir

3'x6' Stone masonry reservoir

12½ s.f. Terrace Lodge

cabin

Δ 9° 15' 02" Rt
D 1° 20'
R 4297.18
T 347.65
L 693.78
E 14.05
Bnk ½" Per Ft.

Approx. Aerial Utility Relocation by N.E.T.T. Co.

* DENOTES STAGE 2 CONSTRUCTION

CONTROL OF ACCESS COMPLETE ON THIS SHEET

DEC 20 1973

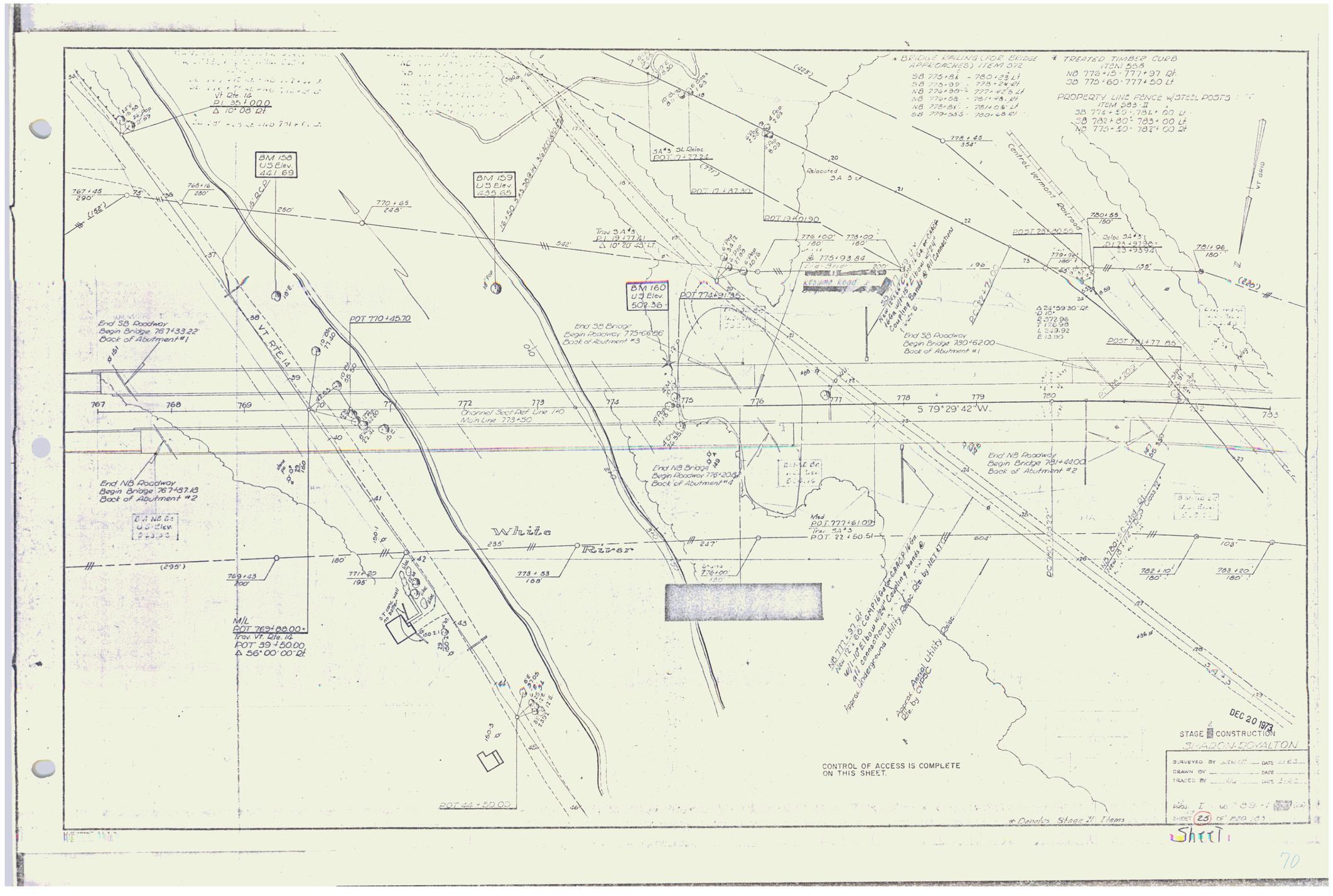
SHARON

SURVEYED BY	Jewett	10-62
DRAWN BY	Reichelt	10-62
TRACED BY	W.U	5-64

PROJ. I [redacted] NO. 80-[redacted] (26)
SHEET 13 OF [redacted] 183

Sheet

69


BM 158
U.S. Elev.
441.69
BM 159
U.S. Elev.
435.65
BM 160
U.S. Elev.
502.36
Vt Rte. 14
PI 35+10.00
Δ 10°08'12"Rt
Trav. 3A*3
PI 19+77.41
Δ 10°20'45"Lt
End SB Roadway
Begin Bridge 767+33.22
Back of Abutment #1
End NB Roadway
Begin Bridge 767+87.18
Back of Abutment #2
End SB Bridge
Begin Roadway 775+66.86
Back of Abutment #3
End NB Bridge
Begin Roadway 776+20.62
Back of Abutment #4
End SB Roadway
Begin Bridge 780+62.00
Back of Abutment #1
End NB Roadway
Begin Bridge 781+48.00
Back of Abutment #2
VT RTE. 14
Channel Sect Ref Line 140
Main Line 773+50
S 79°29'42"W.
White River
Central Vermont Railroad
Kedma Road
POT 770+45.70
POT 774+91.92
POT 769+88.00
Trav. Vt. Rte. 14
POT 39+50.00
Δ 56°00'00"Rt
POT 44+50.00
Relocated 3A*3
POT 17+87.30
POT 13+01.90
3A*3 SL Reloc
POT 9+37.84
Reloc 3A*3
PI 23+97.36
Δ 3°39'30"Rt
Mod
POT 777+61.09
Trav. 3A*3
POT 22+50.51
* BRIDGE RAILING (FOR BRIDGE APPROACHES) ITEM 572
SB 775+81 - 780+23 Lt
SB 775+93 - 778+24 Rt
NB 776+39 - 777+43.5 Lt
NB 776+58 - 781+48. Rt
NB 778+81 - 781+06 Lt
SB 779+33 - 780+68 Rt
* TREATED TIMBER CURB ITEM 606
NB 776+15 - 777+97 Rt
SB 775+60 - 777+50 Lt
PROPERTY LINE FENCE W/STEEL POSTS ITEM 613-II
SB 774+50 - 781+60 Lt
SB 782+80 - 783+00 Lt
NB 775+50 - 782+00 Rt
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.
* Denotes Stage II Items
DEC 20 1973
STAGE 2 CONSTRUCTION
SHARON-ROYALTON
SURVEYED BY SEWELL DATE 12-63
DRAWN BY DATE
TRACED BY WL DATE 3-64
PROJ. I 089-1
SHEET 23 OF 120 SHTS
Sheet
70

REMOVAL & DISPOSAL of PRESENT GUARD RAIL, ITEM: 949
TRAV 15+85 - 17+52 Rt
TRAV 15+90 - 17+40 Lt

TWO CABLE GUARD RAIL
ITEM 941
16+02 - 18+60 Rt
17+00 - 18+98 Lt
11+53 - 13+74 Rt
15+ - 17+50 Lt

PLAN
SURVEYED
DRAWN
NOTE BOOK
NO.
CHECKED
QUANTITIES
ST. OF WAY DETAILS
DATE
BY

PROFILE
PLOTTED
DRAWN
NOTE BOOK
NO.
CHECKED
GRADE CHECKED
BRIDGE DETAILS
STRUCTURE NOTATIONS
DATE
BY

PRESENT GRADE
PROPOSED GRADE
Top of Rail
Bridge Seat Elev 778.45
Bridge Seat Elev 778.96
Bridge Seat Elev 779.96
Bridge Seat Elev 780.55
Bridge Seat Elev 781.98
Bridge Seat Elev 778.00
Bridge Seat Elev 777.60
Bridge Seat Elev 777.60
Bridge Seat Elev 778.00
Bridge Seat Elev 779.00
Bridge Seat Elev 780.00
Bridge Seat Elev 781.00
Bridge Seat Elev 782.00
Bridge Seat Elev 783.00
Bridge Seat Elev 784.00
Bridge Seat Elev 785.00
Bridge Seat Elev 786.00
Bridge Seat Elev 787.00
Bridge Seat Elev

REMOVAL & DISPOSAL of PRESENT GUARD RAIL, ITEM 543
Trav. 36+80 - Rt 39+80 Lt
Trav. 38+95 - Rt 39+80 Rt

TWO CABLE GUARD RAIL ITEM 541
38+25 - 40+25 Rt

End SB Struc
Begin Roadway 783+83.95
Back of Abutment

End NB Struc
Begin Roadway 783+83.95
Back of Abutments

J. V. RIKERT

HAROLD HOLMES

C.V. RR

Trav PI 38+01.20
Δ 2° 24' Rt

Δ 13° 04' 45" Lt
D 2° 30'
R 2291.83
T 303.33
L 603.17
E 20.00
bank 1/8 in 12'

PI 41+41.33
41+37.84

PVI
37+00
500 V.C.
500.00
550 356

PVI
40+00
200 V.C.
479.15

Old Road starts pulling away

Approx Area of Utility Poles to be Removed by NEPT & CVES Co

30+00 Lt. Rt.
New 24" x 44" S.C.P. Class III
Construction Ditch

Stop rail

-02-35 K

END SB CONSTRUCTION - CONSTRUCT SATISFACTORY APPROACH

DEC 20 1973

SHARON - BOYALTON
I 88 - (102)
Sheet 28 of 280
Relocation SB 3

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* THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS ITEM 538
NB 797+48 - 799+00 Rt

PROPERTY LINE FENCE w/STEEL POSTS ITEM 585-II
SB 783+00 - 799+00 Lt
NB 783+80 - 799+00 Rt

34 SUB-BASE OF SAND ITEM 202
SB 787+00 - 796+00
NB 787+00 - 796+00

* TREATED TIMBER CURB ITEM 556
NB 797+48 - 799+00 Rt

* BRIDGE RAILING (FOR BRIDGE APPROACHES) ITEM 572
SB 783+07 - 785+38 Lt
SB 783+48 - 785+68 Rt
NB 783+85 - 787+37 Lt
NB 784+29 - 785+38 Lt

GRAVEL BACKFILL, ITEM 222-A
SB 786+00 ~ 793+25 Lt
NB 787+25 ~ 792+50 Rt

* CONSTRUCT U-TURN 788+50

TBM 162 U.S Elev. 581.11

BM 161 U.S Elev. 522.68

BM 163 U.S Elev. 562.33

BM 164 U.S Elev. 523.85

P.I. 788+24.66 = 787+81.74

End SB Bridge
Begin Roadway 783+09.54
Back of Abutment

End NB Bridge
Begin Roadway 783+93.35
Back of Abutment

Central Vermont Railroad

Δ 31°59'57" Rt
D 2°
R 2864.79
T 821.42
L 1599.36
E 118.20
Bank 5/8 in. 12"

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* Denotes Stage II Items

DEC 20 1973

SHARON-ROYALTON

SURVEYED BY Jewett DATE 1-63
DRAWN BY ____ DATE ____
TRACED BY Wü DATE 5-63

PROJ. F NO. 89-1[redacted]
SHEET 29 OF 280 133

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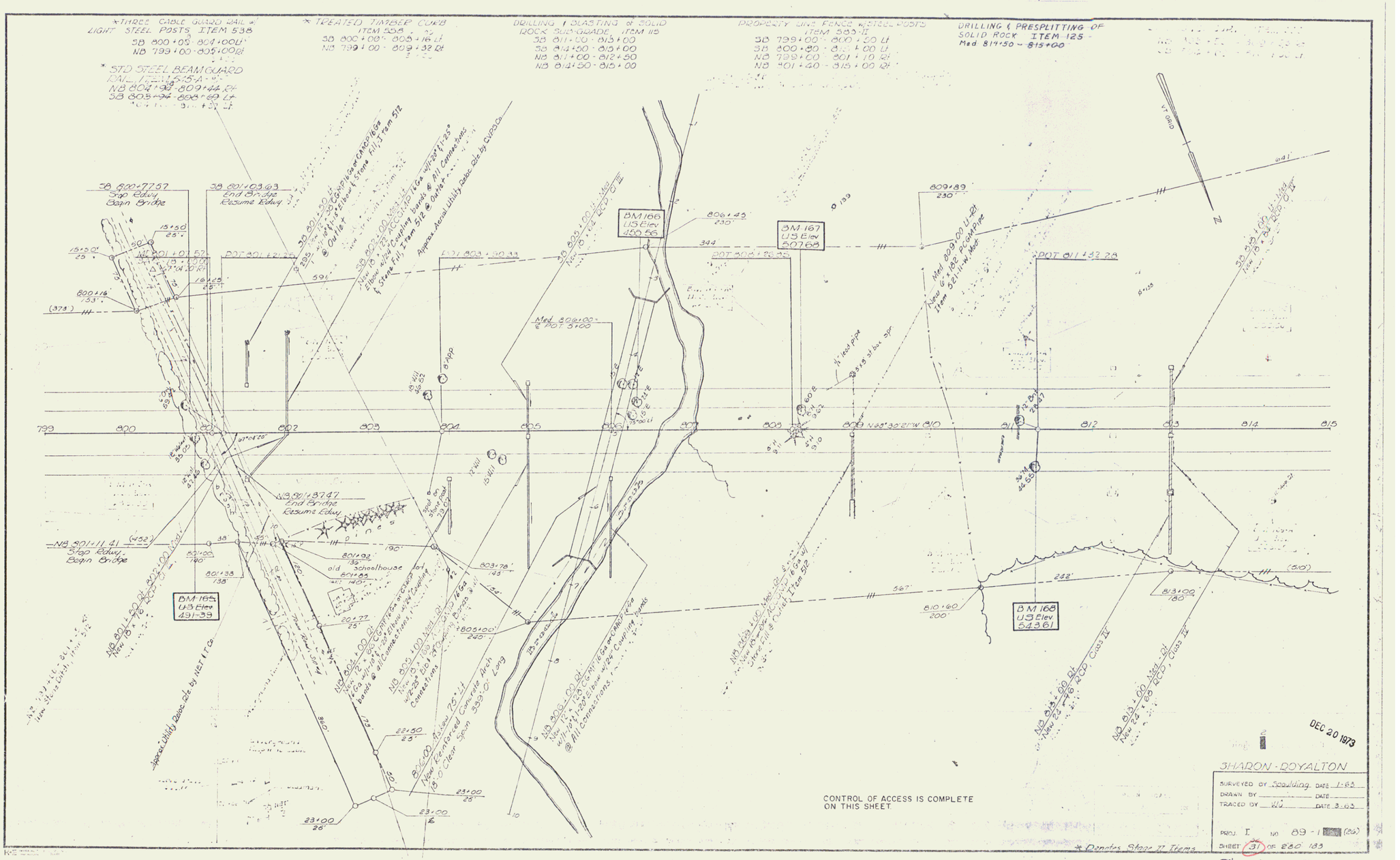
*THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS ITEM 538
SB 800+05 - 804+00 Lt
NB 799+00 - 805+00 Rt
* STD STEEL BEAM GUARD RAIL TRANS 215-A-0
NB 804+92 - 809+44 Rt
SB 805+92 - 808+69 Lt
* TREATED TIMBER CURB ITEM 558
SB 800+00 - 805+16 Lt
NB 799+00 - 809+32 Rt
DRILLING & BLASTING of SOLID ROCK SUB-GRADE ITEM 115
SB 811+00 - 815+00
SB 814+50 - 815+00
NB 811+00 - 812+50
NB 814+50 - 815+00
PROPERTY LINE FENCE w/STEEL POSTS ITEM 555-11
SB 799+00 - 800+20 Lt
SB 800+80 - 801+00 Lt
NB 799+20 - 801+10 Rt
NB 801+20 - 815+00 Rt
DRILLING & PRESPLITTING OF SOLID ROCK ITEM 125
Med 814+50 - 815+00
SB 800+77.57 Stop Eduy Begin Bridge
SB 801+03.63 End Br. Apr Resume Eduy
SB 801+50 Lt 30" CGCMP 16 Ga
SB 805+00 Rt 72" x 90' CGCMP 16 Ga w/ 20°-11-25° Elbow w/24" Coupling Bands @ All Connections & Stone Fill, Item 512 @ Outlet
Approx. Aerial Utility Poles Etc by CVPS Co.
BM 166 US Elev 450.56
BM 167 US Elev 507.68
Med 809+00 Lt-Rt Item 521 N.W. Med 6"x 182" PCCMP Pipe
EOT 801+21.57
EOT 803+80.33
EOT 806+28.95
EOT 811+32.28
NB 801+11.81 Stop Eduy Begin Bridge
NB 807+37.47 End Bridge Resume Eduy
BM 165 US Elev 491.39
BM 168 US Elev 543.61
old schoolhouse foot
Special Utility Poles etc by NET Tel Co.
NB 801+50 Rt 84" x 100' CMP 16 Ga
NB 801+00 Rt 72" x 90' CGCMP 16 Ga w/ 20°-11-25° Elbow w/24" Coupling Bands @ All Connections, Item 512
SB 805+00 Rt 72" x 75' CGCMP 16 Ga w/ 18°-11-20° Elbow w/24" Coupling Bands @ All Connections, Item 512
Box 10' Wide x 7.5' H New Reinforced Concrete Arch 18'-0 Clear Span 339'-0" Long
NB 805+00 Rt 72" x 75' CGCMP 16 Ga w/ 18°-11-20° Elbow w/24" Coupling Bands @ All Connections, Item 512
NB 813+00 Lt-Rt New 24" x 85' RCP Class III
799 800 801 802 803 804 805 806 807 808 809 N 69°-30'-21" W 810 811 812 813 814 815
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET
* Denotes Stage II Items
DEC 20 1973
SHARON - ROYALTON
SURVEYED BY Spaulding DATE 1-63
DRAWN BY DATE
TRACED BY WJ DATE 3-63
PROJ. I NO. 89-1 (26)
SHEET 31 OF 280 183

Sheet

TWO CABLE GUARD RAIL
ITEM 542
21 + 21 - 22 + 25 Lt.

J.V. RIKERT

Δ 32° 43 00" Lt
D 10°
R 572.96
T 169.18
L 327.17
E 24.18

Δ 23°56'10" Rt
D 7°
R 818.31
T 173.51
L 341.94
E 18.19

Barn

Appox. Utility poles, plot by NETTCo

Underground

BM # 165
U.S. Elev.
1491.39

PI 11+74.03 =
11+64.84

PI 24+60.24 =
24+35.16

SA 4 POT E 7+20.89 =
SA 3 POT 4+19.772

PVI
20+25
ELEV
2788.5

DEC 20 1973

SHARON-ROYALTON
T 241 - 1 (37)
Sheet 39 of 280

* THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS ITEM 538
NB 818+50-831+00 Rt
SB 830+00-831+00 Lt

* TREATED TIMBER CURB ITEM 558
NB 827+72-831+00 Rt

DRILLING & PRESPLITTING OF SOLID ROCK ITEM 125
Med 815+00 - 817+50
Med 823+50 - 826+00

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
SB 815+00 - 818+00
NB 815+00 - 817+50
SB 821+00 - 826+50
NB 821+00 - 826+50

PROPERTY LINE FENCE w/STEEL POSTS ITEM 583-II
SB 815+00 - 831+00 Lt
NB 815+00 - 831+00 Rt
Note: Property Line Fence @ 818+00 - 831+00 Rt & 829+41 - 831+00 Lt To be constructed prior to commencement of other work in this area

24" SUB BASE OF SAND ITEM 302
SB 819+00 - 824+00
NB 821+00 - 824+00

816+00
380'
818+00
280'
820+00
180'
POT 815+32.13
BM 169
U.S Elev.
681.47
818+00
180'
BM 170
U.S Elev.
601.79
Surv POST 824+56.10
Survey
PI 828+15.87
827+85.36
Revised
PI 828+23.97
827+97.26
BM 171
U.S Elev.
672.56
Surv POST 829+69.29
829+41
180'
(2525')
829+33
180'
BM 172
U.S Elev.
627.20
Surv PC 817+99.99
Rev PC 817+99.99
N 68° 30' 21" W
N 46° 45' 19" W
SURV & REV
Δ 21° 45' 02" Rt
D 1°
R 5729.58
T 1100.78
L 2175.05
E 104.80
bank 3/16 in 12"
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET
* Denotes Stage II Items
DEC 20 1973
SHARON-SO-ALTON
SURVEYED BY Spalding DATE 1-63
DRAWN BY ____ DATE ____
TRACED BY WH DATE 3-63
PROJ 34 I NO 89-1 (25)
SHEET 34 OF 280 183
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* THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS, ITEM 538
NB 831+20 - 831+40 Lt.
NB 831+68 - 847+00 Lt.
SB 843+26 - 843+02 Lt.
SB 831+00 - 832+24 Lt.

* TREATED TIMBER CURB ITEM 558
NB 831+00 - 840+50 Rt.

GRAVEL BACKFILL, ITEM 222:A
SB 845+25 - 847+00 Lt.

PROPERTY LINE FENCE w/STEEL POSTS ITEM 543:II
SB 831+00 - 847+00 Lt.
NB 831+00 - 847+00 Rt.
Note: Property Line Fence @ 831+00 - 847+00 shall to be constructed prior to commencement of other work in this area.

24 SUBBASE OF SAND ITEM 202
SB 833+28 - 837+00
SB 838+00 - 845+40
SB 843+00 - 847+00
NB 838+50 - 842+82
NB 846+72 - 847+00

BM 173 US Elev 566.50

BM 174 US Elev 539.73

POT 846+43.32

PT 838+39.34 Sta Eq 834+37.63 Eq 0.58 Do not use

Rock Fill from Solid Rock Excavation encountered on Project to elev. 540 or as shown on Sections

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* Denotes Stage II Items

DEC 20 1973

SHARON-ROYALTON

SURVEYED BY Spaulding DATE 1-63
DRAWN BY _____ DATE _____
TRACED BY Wi DATE 3-63

PROJ. I 32 NO. 89-1 (26)
SHEET 36 OF 380 183

Sheet 1

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* THREE CABLE GUARD RAIL WITH LIGHT STEEL POSTS ITEM 538
NB 847 +00 - 850 +56 Dt

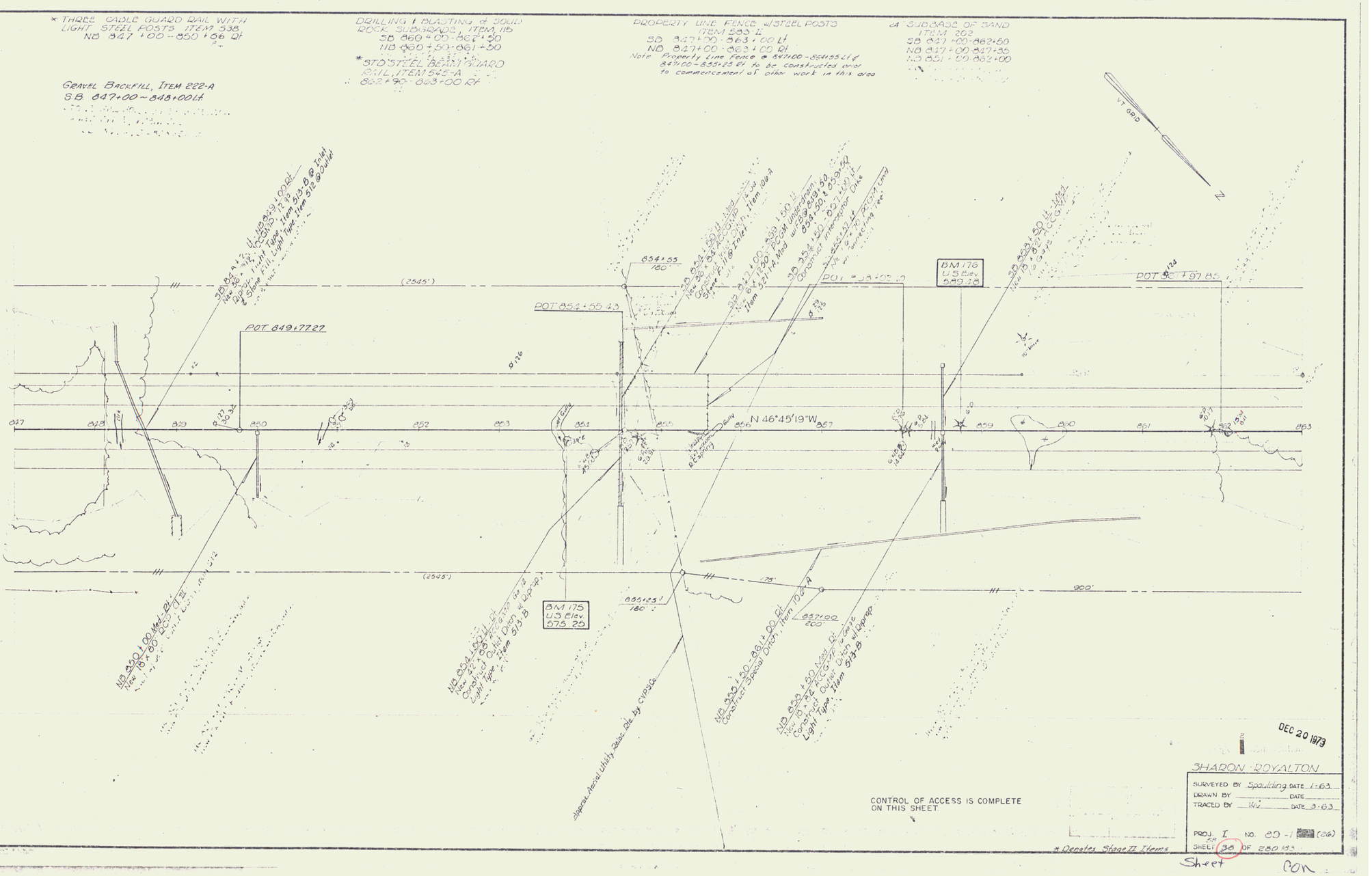
GRAVEL BACKFILL, ITEM 222-A
SB 847+00 - 848+00 Lt

DRILLING & BLASTING of SOLID ROCK, SUBGRADE, ITEM 115
SB 860+00 - 862+50
NB 860+50 - 861+50

* STD STEEL BEAM GUARD RAIL, ITEM 545-A
862+90 - 863+00 Rt

PROPERTY LINE FENCE w/STEEL POSTS ITEM 543-E
SB 847+00 - 863+00 Lt
NB 847+00 - 863+00 Rt
Note: Property Line Fence @ 847+00 - 854+55 Lt & 847+00 - 855+25 Rt to be constructed prior to commencement of other work in this area

SUBBASE OF SAND ITEM 202
SB 847+00 - 862+50
NB 847+00 - 847+35
NB 851+00 - 862+00



CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

* Denotes Stage II Items

DEC 20 1973

SHARON - ROYALTON

SURVEYED BY Spaulding DATE 1-63
DRAWN BY _____ DATE _____
TRACED BY WG DATE 3-63

PROJ. I 29 NO. 80-1[redacted](26)
SHEET 38 OF 280 Sh

Sheet for

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* THREE CABLE GUARD RAIL W/ LIGHT STEEL POSTS Item 538
SB 864+85 - 866+01 Lt
STD STEEL BEAM GUARD RAIL ITEM 540-A
NB 868+30 - 862+44 Rt

* TREATED TIMBER CURB ITEM 558
NB 864+60 - 867+00 Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
SB 870+20 - 878+00
NB 872+50 - 877+00

PROPERTY LINE FENCE W/ STEEL POSTS ITEM 543 II
NB 863+00 - 877+00 Rt
SB 863+00 - 879+00 Lt

24 SUBBASE OF SAND ITEM 209
SB 869+50 - 870+50
NB 868+35 - 872+50
NB 877+00 - 879+00

GRAVEL BACKFILL, ITEM 222-A
SB 877+75 - 879+00 Lt

DRILLING & PRESPLITTING OF SOLID ROCK, ITEM 125
Med 872+00 - 877+00

POT 863+84.55
POST 868+00.73
POST 874+14.21
POST 875+75.51
BM 177 US Elev 884.16
BM 178 US Elev 612.63
BM 179 US Elev 639.54
BM 180 US Elev 611.97
N 46°45'19" W
N 34°15'21" W
Med. POT 864+75 Ch L 2+00
PC 866+90.83
Δ 12° 29' 58" Rt
D 1°
Q 5729.58
T 627.47
L 1249.95
E 34.25
bank 3/16" in 12"
CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.
* Denotes Stage II Items
DEC 20 1973
SHARON-ROYALTON
SURVEYED BY Spaulding DATE 1-63
DRAWN BY ____ DATE ____
TRACED BY N/A DATE 3-63
PROJ. I NO. 89-1(XX) (26)
SHEET 40 OF 280 SH.
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THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS, ITEM 538
NB 880+02 - 883+18 Rt
NB 886+20 - 895+00 Rt

TREATED TIMBER CURB ITEM 558
NB 880+34 - 883+50 Rt
NB 886+20 - 895+00 Rt

2A SUBBASE OF SAND ITEM 202
SB 879+00 - 880+55
NB 879+00 - 879+65

PROPERTY LINE FENCE w/ STEEL POSTS ITEM 583-II, Mod
N B 879+00 - 895+00 Rt
S B 879+00 - 895+00 Lt

DRIVE GATE - BRUNO FARM LINE FENCE ITEM 583-V, Mod
SB 887+50 Lt

CONST. EMERGENCY DRIVE (30' WIDE)
SB 889+50 Lt

GRAVEL BACKFILL, ITEM 222-A
SB 879+00 ~ 885+50 Lt

SB 879+00 - 881+50 Lt Construct Interceptor Ditch

SB 879+00 - 881+50 Lt New 6" x 20' PCSM Ltd Item 521-A, Mod

SB 881+50 - 881+62 Lt New 6" x 10' PCSM Pipe Item 521-W Mod

BM 181 Elev 562.44

SB 881+50 Lt New 24" RCP Mod w/ Riprap, Light Type, Item 513-B

POT - 882+83.00

SB 885+50 - 885+71 Lt New 18" x 28" ACCMP 16 Ga

BM 182 US Elev 559.31

POT 886+99.00

SB 887+25 Lt - SB 887+75 Rt New 36" x 23" ACCMP 12 Ga Bevel Ended w/ Riprap @ Lt. & Endrall Dissipator @ Outlet @ Rt

SB 890+50 Lt - NB 890+50 Rt New 36" x 26" ACCMP 10 Ga Mod. w/ 19 - 16" x 45° Riprap Light Type Item 513-B @ Inlet

POT 891+60.00

VT GRID

N

NB 880+02 - 881+18 Rt New 24" x 52" ACCMP 14 Ga Stone Fill @ Outlet Item 512

NB 883+50 Rt New 12" x 45° CCMP 16 Ga w/ 10° Elbow & 24" Coupling Bands @ All Connections

NB 883+71 - 884+00 Mod Rt New 18" x 18" RCCMP 16 Ga w/ Stone Fill, Light Type, Item 512

1873'

BM 183 US Elev 620.23

NB 889+00 Lt New 12" x 80' CMP 16 Ga w/ 10° & 20° Elbows & 24" Coupling Bands @ All Connections

NB 889+75 - 889+90 Rt Spec Ditch w/ Stone Fill Light Type Item 512 w/ Energy Dissipator, Items 514 & 520

NB 893+50 Rt New 12" x 45° CCMP 16 Ga w/ 10° & 11.5° Elbows Stone Fill Light Type Items 512 & 24" Coupling Bands @ All Connections

BM 184 US Elev 633.56

(1186')

DEC 20 1973

SHADON-ROYALTON

SURVEYED BY Spaulding DATE 1-63
DRAWN BY _____ DATE _____
TRACED BY WG DATE 3-63

PROJ. I-89-1(26)
SHEET 42 OF 280 183

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* Denotes Stage II Items

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* THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS Item 538
SB 901+00 - 911+00 Lt
NB 895+47 - 909+62 Rt

* STD STEEL BEAM GUARD RAIL, ITEM 545-A
NB 905+47 - 909+62 Rt

* TREATED TIMBER CURB ITEM 558
SB 904+20 - 911+00 Lt
NB 905+20 - 909+66 Rt

PROPERTY LINE FENCE w/STEEL POSTS ITEM 583-II
NB 899+60 - 911+00 Rt
SB 899+20 - 911+00 Lt
Note: Property Line Fence @ 903+07 - 911+00 Rt to be constructed prior to commencement of other work in this area.

24 SUB BASE OF SAND ITEM 202
SB 897+77 - 902+77
NB 897+35 - 902+98

GRAVEL BACKFILL, ITEM 222-A
N.B 896+75 - 903+75 Rt
S.B 897+50 - 903+25 Lt

EXT. GUARD RAIL, ITEM 555
NB 896+28 - 911+00 Rt

Med
POT 895+24.0
Ch L POT 2+00

895+00
180'

POT 896+37.76

NB 895+00 - SB 895+50 Lt
New 36" x 28' ACCMP 16ga

SB 896+00 - 896+40 Lt
New 6'+60 PCGM Pipe
11ga 51"x11" Med
w/FB @ 896+40 Lt

SB 896+40 - 903+40 Lt
New 6'+60 PCGM Pipe
11ga 51"x11" Med
w/FB @ 900+00 Lt, 903+40 Lt

899+00
210'

402'

POT 899+39.79

SB 900+00 Lt, Med
New 18" x 26' CMP

359'

902+59
215'

POT 902+78.35

SB 903+75 Med Lt
New 72" x 58' ACCMP
16 Gage

SB 904+00 Lt
New 72" x 58' ACCMP 16 Ga w/ 10° Elbow
24" Coupling Bands @ All Connections

SB 904+00 Lt
New 72" x 58' CGMP-16Ga or CALCP-16Ga w/ 11-10° Elbow
24" Coupling Bands @ All Connections

BM 187
U.S Elev
565.35

POT 905+21.35

SB 907+75 Med Lt
New 72" x 52' ACCMP
16 Gage w/ 11-20° & 1-15° Elbow
24" Coupling Bands @ All Connections

(687')

BM 188
U.S Elev
590.09

POST 910+77.68

SB 910+00 Lt
New 72" x 52' CGMP-16 Ga or CALCP-16 Ga w/ 11-15° & 1-15° Elbow
24" Coupling Bands @ All Connections

VT GRID

N

895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911

902 N 34°15'21" W 910

Water course

NB 895+00 - 896+25 Lt
Special Ditch w/ Stone Fill
New 6' x 12' PCGM Pipe
Item 521 - 1-W Med
w/FB @ 896+25 Rt

NB 896+00 - 896+25 Rt
New 6' x 52' PCGM Pipe
Item 521 - 1-W Med
w/FB @ 896+25 Rt

NB 896+00 - 896+50 Med
New 24" x 108' ACCMP 16 Gage

BM 185
U.S Elev
556.02

Med 896+50 - 900+00
New 24" x 358' RCP CL III

NB 900+00 Rt, Med
New 18" x 76' RCP CL III

NB 896+25 - 903+75 Rt
New 6' x 720' PCGM Pipe
Item 521 - 1-W Med
w/FB @ 900+00 & 903+75 Rt

1186'

BM 186
U.S Elev
624.22

903+07
190'

302'

NB 902+60 Rt
New 12" x 74' CGMP-16 Ga or CALCP-16Ga w/ 16-Elbow
24" Coupling Bands @ All Connections

908+00
240'

(1300')

Rev PC 908+02.20

NB 903+23 Lt, Med
New 72" x 58' ACCMP 16 Gage

DEC 20 1973

SHARON-ROYALTON

SURVEYED BY Spaulding DATE 1-63
DRAWN BY _____ DATE _____
TRACED BY W.G. DATE 3-63

PROJ. I-[redacted] NO. 89-1[redacted] (6W)
SHEET 44 OF [redacted] SHEETS

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

K-E

Sheet

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* THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS ITEM 538
SB 911+00 - 919+~~26~~ 28 Lt

* STD STEEL BEAM GUARD RAIL, ITEM 545-A
NB 911+~~00~~ - 918+50 Rt

* TREATED TIMBER CURB ITEM 558
SB 911+00 - 919+~~04~~ 08 Lt
NB 911+~~84~~ - 918+08 Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
NB 923+50 - 927+00

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583 II
NB 911+00 - 923+00 Rt
SB 911+00 - 927+00 Lt
Note: 911+00 - 927+00 21' Property Line Fence to be constructed prior to commencement of other work in this area

BM 189
US Elev
658.29

BM 190
US Elev
608.82

BM 191
US Elev
663.07

BM 192
US Elev
710.15

POST 912+92.16

POST 916+47.41

POST 920+49.82

POST 926+01.71

POC 923+10.53

CVPSC Co. only

Approx. Aerial Utility Reloc. Rte by CVPSC & NEET

N 34° 25' 21" W

1300'

DEC 20 1973

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* Denotes Stage II Items

SHARON-ROYALTON

SURVEYED BY Spaulding DATE 1-63
DRAWN BY _____ DATE _____
TRACED BY WJ DATE 3-63

PROJ. I NO. 89-1 (26)
SHEET 41a OF 280 Sheets

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DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
NB 927+00 - 930+00

PROPERTY LINE FENCE W/STEEL POSTS ITEM 665-11
Sta 58 9[illegible] - 933+50 Lt
Note: Property line fence @ 931+00 - 933+50 Lt to be constructed prior to commencement of other work in this area

T/L PI 8+30.11
Δ 13°55'45" Lt

Exist. Driveway

TH #13 Reloc.
PI 50+00.0
43+93.7

TH #13 Reloc.
POT 50+12.5
T/L POT 9+27.3

CWP&C LINE Lt

Approx. Aerial Utility Pole

T/L PI 12+42.13
Δ 11°37'00" Lt

927+38.
130

930+00
130

CWP&C only

FRITZ NAUMANN

TH #13 Reloc.
Δ 21°43'30" Lt
D 10°
R 573.0
T 95.5
L 217.3
E 39.2
PC 58+68.5

TH #13 26"RC
PI 58+
Δ 18°22'00" Lt
D 10°
R 573.0
T 92.8
L 183.7
E 8.3

TH #13 Reloc.
POT 51+61.0

TH #13 Reloc.
POT 54+00.9

BM #193
USE Hw
723.93

M/L POST 932+46.94
T/L POT 12+50.00

Med.
POT 932+75.0
T/L #13 Reloc.
POT 55+48.2

Survey Curve Data
Δ 8° 02' 00" Rt
D 0° 30'
R 11459.16
T 804.67
L 1606.67
E 28.22
Do not bank

Rev.
PI 938+21.73
933+11.83

Survey
D 13A 21.73
538+19.78

WILLIAM MOSES

PC 330+11.06

Trail Drive

POT 57+41.8

T/L PI 15+28.51
Δ 15°00'20" Lt
PCC 59+50.0

PCC 59+50.0

PC 58+68.5

PT 62+78.8

T/L POT 23+43.47

TBM 2A
USE Hw
694.89

DEC 20 1973

SHARON-BOYLSTON

SURVEYED BY Spaulding DATE 1-63
DRAWN BY DATE
TRACED BY KJ DATE 2-64

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

Sheet

PROPERTY LINE FENCE w/ STEEL POSTS, ITEM 583-II
SB 930+00 - 931+70 Lt.
SB 932+00 - 943+00 Lt.
NB 930+00 - 934+00 Rt.
NB 935+00 - 943+00 Rt.

NB 930+00 ~ 934+00 Rt.
NB 935+00 ~ 936+67 Rt.
Property line fence to be erected prior to construction.

* JUTE MATTING ITEM 625
Med 940+50 - 942+50

* THREE CABLE GUARD RAIL w/ STEEL POSTS, ITEM 538
NB 936+98 - 943+00 Rt.

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 119
930+00 - 931+25
932+40 - 939+25

* TREATED TIMBER CURB ITEM 558
NB 937+96 - 942+50 Rt.

STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) ITEM 512
NB 938+45 - 938+55 Rt.

* STANDARD STEEL BEAM GUARD RAIL w/ STEEL POSTS, ITEM 545-A
SB 932+30 - 933+84 Lt.
SB 932+70 - 934+24 Rt.
NB 932+15 - 933+69 Lt.
NB 932+50 - 934+04 Rt.

Control of Access is Complete on this Sheet
* Indicates Stage 2 Construction

TH #13 Reloc.
Δ 13°22'00" Lt.
D 10°
R 573.0
T 97.8
L 193.7
E 8.3

Pl 930+00.0
73+93.1

Surv POST 931+91.40
Surv POST 932+46.91
Surv POST 934+22.93
Surv POST 935+19.38
Surv POST 941+93.66

BM 194
US Elev
768.71

Surv & Rev
MKT POST 932+75.0
TH 13 Reloc POT 55+48.2

Rev B/L POT 938+67.84

Revised
Pl 938+21.73
938+11.83

Surv
Pl 938+21.73
938+13.06
Δ 8°02'00" Rt
D 0°50'

BM 195
US Elev
733.32

BM 193
US Elev
723.98

BM 196
US Elev
761.43

TBM 2A
US Elev
654.89

TH #3 Reloc.
Δ 21°13'30" Lt.
D 10°
R 572.96
T 215.5
L 412.5
E 39.2

Rev Curve Data
Δ 8°03'00" Rt.
D 0°09'
R 42971.84'
T 3017.45'
L 6025.00'
E 105.81'
Bnk: NC

Field drive

DEC 21 1973

Pl 66+29.1
66+13.1

STAGE 2 CONSTRUCTION
DEVIATION

Sheet 30

Sheet

84

STONE FILL FOR SLOPE PROTECTION
(LIGHT TYPE), ITEM 312
57+98 LT - 58+02

TWO CABLE GUARD RAIL, ITEM 541
50+21 - 54+96 Rt. + 5'
57+75 - 60+00 Rt.
57+92 - 60+00 Lt.

lawn
scattered planted trees

gravel drive

d/e sf ho

49+00
BEGIN CONSTRUCTION

PC 49+02.2

Δ 19°22'00" Lt.
D 10°
R 573.0
T 97.8
L 193.7
E 8.3
Brk 1½" per ft

PT 50+95.9

POT 51+61.0

51+75 12" ACCMP. Ap. 75' Lt. Remove
N.H. 16 x 50" Pipe Arch 75' Rt.
ACCM. 12" 16 ga. or ACCAP 15" 16 ga. or RCP

Nat 18 53+50
56' Rt.
2Cl. Class III or ACCAP 15" 16 ga.

POT 54+00.9

N 34°15'21" W

POT 57+41.8

POC 58+66.5

POC 59+50.0

5' M 43.00
5° 15' 00"

Fld Tile

TH #3 POST 50+12.5 =
T/L POT 9+27.3

PI 50+00.0 =
49+98.1

12" RCP

6' CMP

BM #193
US Elev.
723.98

54+82.63
END ROADWAY
BEGIN BRIDGE

ML POST 932+46.94

ML POST 931+94.40

Med. POST 932+7.50 =
TH #3 Reloc. POST 55+48.2

57+33.92
END BRIDGE
RESUME ROADWAY

1.80 Med. Line

50+50 LT - 56+00 Rt.
18" CMP ACCM 16 ga.

TH #3 to Ex. Bolt
1.75 Ft. Right During
Stage 1 Construction

VT GRID

0107-1

PLAN
SURVEYED 7/24
PLOTTED 7/24
NOTE BOOK CHECKED Martin Sheridan
NO. TRACED Gaston

PROFILE
SURVEYED 7/24
PLOTTED 7/24
NOTE BOOK CHECKED Martin Sheridan
NO. TRACED Gaston
STRUCTURE NO. AT NS CR 2 W 12

760
750
740
730
720
710
700

49+00
Begin Construction

PVI
52+00
736.10
450 VC

-3.00%

+1.62%

54+ LAP 0.9
END ROADWAY
BEGIN BRIDGE

57+33.92
END BRIDGE
RESUME ROADWAY

PVI
56+75
749.00
320 VC
Sight 301

-3.69%

PVI
60+00
730.00
330 VC

TH #3 to Ex. Bolt
1.75 Ft. Right During
Stage 1 Construction

DEC 21 1993

EXCAVATION

VE PLATE 1. PLAN-PROFILE
VERMONT AGENCY OF TRANSPORTATION

1 Dr. (61)
Contract #1
Stage #1 Construction
Sheet

31

CHANNEL EXCAVATION
Item 108
SB 941+17 - 948+75 Lt
NB 952+60 - 953+60 Rt

RIPRAP (LIGHT TYPE) ITEM 513-B
SB 944+17 - 948+75 Lt

PROPERTY LINE FENCE W/ STEEL POSTS, ITEM 583-II
SB 943+00 - 953+00 Lt
NB 943+00 - 953+00 Rt

STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) ITEM 512
NB 951+60 - 953+60 Rt
NB 958+95 - 959+00 Rt

*JUTE MATTING, ITEM 623
Med 944+50 - 946+50
Med 951+50 - 953+50
Med 955+50 - 957+50

* TREATED TIMBER CURB ITEM 550
NB Rt 944+40 - 959+00
SB Lt 944+74 - 955+14 Lt

* THREE CABLE GUARD RAIL W/ STEEL POSTS ITEM 535
NB 943+00 - 950+40 Rt
SB 942+48 - 956+00 Lt

* STANDARD STEEL BEAM GUARD RAIL W/ STEEL POSTS ITEM 545-A (6'-0" SPACING)
NB Rt 950+34 - 959+00

Control of Access is Complete on this Sheet
* Indicates Stage 2 Construction

PLAN SUBMITTED — DATE
NOTE BOOK PLOTTED — DATE
AS BUILT — DATE
R.O.W. CHIEF
NO.

Sun Pt. 944+23.78
Med POT 949+00
Chan Line 1+50
Med POT 951+50
Chan Line 1+50
POT 956+2400
POT 950+01.36
POT 952+31.27
Chan POT 3+02.43
Chan POT 4+00
Woods
Wet
Brook
gully
BM 197 US Elev 628.56
BM 198 US Elev 643.51
BM 199 US Elev 675.30
BM 200 US Elev 707.95
DEC 21 1973
STAGE I CONSTRUCTION
ROYALTON
I 89-1(4)
Sheet 32 of
Sheet

DRILLING & BLASTING OF SOLID ROCK
SUBGRADE, ITEM 118
963+50 - 965+40
970+25 - 975+00

PROPERTY LINE FENCE w/STEEL POSTS
ITEM 583-II
SB 959+00 - 967+50 Lt
SB 968+00 - 975+00 Lt
NB 959+00 - 967+00 Rt
NB 967+50 - 975+00 Rt

JUTE MATTING - ITEM 623
* Med 959+00 - 960+50
SB 965+25 - 970+25 Lt

STONE FILL (LIGHT TYPE)
ITEM 512
NB 959+00 - 959+05 Rt

* TREATED TIMBER CURB
ITEM 558
NB 959+00 - 959+60 Rt
NB 974+25 - 975+00 Rt

DRILLING & BLASTING OF SOLID ROCK
ITEM 118
965+00 - 966+50

* THREE CABLE GUARD RAIL w/o STEEL POSTS, ITEM 538
NB 964+00 - 970+24 Rt

Construct Diversion
NB 968+50
as shown on Diversion Project
F 049-1(43)

SODDING, ITEM 612
NB 965+00 - 968+70 RT

Control of Access is complete on this sheet
▸ Indicates Stage 2 Construction

* STANDARD STEEL BEAM GUARD
RAIL w/STEEL POSTS ITEM 545-A (6'3" SPACING)
NB 959+00 - 959+84
NB 973+00 - 975+00

SB 959+00 - 960+00 Lt, New 18" x 76" RCP, Class III, w/ Type B Grate
NB 959+00 - 960+00 Rt, New 18" x 76" RCP, Class III, w/ Type B Grate
SB 962+00 - 963+00 Lt, New 18" x 76" RCP, Class III, w/ Type B Grate
SB 962+00 - 963+35 Lt, New 18" x 76" RCP, Class III, w/ Type B Grate
NB 972+00 - 973+00 Rt, New 18" x 76" RCP, Class III, w/ Type B Grate
NB 973+00 - 973+50 Lt, New 18" x 76" RCP, Class III, w/ Type B Grate
NB 959+00 - 959+96 Lt, New 24" x 96" ACCM, 16 ga, w/ Type B Grate
NB 963+13.65 - 963+43.65 Lt, New 18" x 76" RCP, Class III, w/ Type B Grate
NB 967+15 Rt - SB 967+35 Lt, New 12" x 316' ACCM Pipe, 14 ga, 12 Ft Extension Sloping Bank Culvert, Item 536
NB 967+30 - New 12" x 16' RCP
SB 967+30 - New 12" x 16' RCP
NB 972+00 - New 18" x 96' RCP, Cl III, w/ Type A Grate

Surv POT 959+19.73
Old beaver dam to be removed
dirt fill 5' wide
Med 962+95.96 Lt - 963+95.96 Lt
963+30 Underdrain, Item 521-1A Med
Surv B/L POT 966+80.00 - CIL POT 1+30.00
Surv B/L POT 967+81.86
Access Road 6+20 End Construction
Surv B/L 967+68+ Access Rd 1+00
Road to Upper Pond
965+72 140'
4" Plastic Pipe
TBM #2 US Elev
BM 203 US Elev 735.15
971+60 320'
973+00 180'
BM 204 US Elev 704.12
POT 967+13.70
POT 970+90.49
POT 973+45.20
POT 961+33.31
POT 962+64.46
POT 964+91.10
CIL POT 1+00.00
BM 201 US Elev 748.47
962+00 180'
SB 965+13.65 - 963+43.65 Lt, New 18" x 76" RCP, Class III, w/ Type B Grate
NB 963+13.65 - 963+43.65 Lt, New 18" x 76" RCP, Class III, w/ 5Ft. Hd. w/ Apron @ Inlet, Type 7
BM 202 US Elev 697.88
966+40 320'
Access Road 2+80 Begin Construction
Lower Reservoir
Note. For Profile and Typical Section of Access Road see Sheet of Sheets
Approx. Aerial Utility Poles
barn
milk house
to reservoir
STAGE 2 CONSTRUCTION
DEC 21 1973
DOYALTON
I 89 - 1 (26)
Sheet 34 of
Sheet No. 31

DRILLING & BLASTING OF SOLID ROCK, SUBGRADE ITEM 118
975+00 - 975+75
981+40 - 991+00

PROPERTY LINE FENCE W/STEEL POSTS, ITEM 583-II
NB 975+00 - 991+00 Rt
SB 975+00 - 991+00 Lt

STONE FILL (LIGHT TYPE) ITEM 512
NB 980+25 - 980+35 Rt
[illegible]

JUTE MATTING, ITEM 623
SB 976+50 - 980+30 Lt
* Med 979+00 - 981+00 Lt
* Med 988+00 - 990+50

S.B. 981+34 ~ 990+40 Lt
N.B. 993+00 ~ 991+18 Lt
Property Line Fence to be erected prior to construction.

* BITUMINOUS CONCRETE PAVED GUTTER ITEM 552
SB 981+50 Lt
NB 983+00 Rt

* TREATED TIMBER CURB ITEM 558
NB 975+00 - 981+00 Rt
SB 977+80 - 981+50 Lt

* THREE CABLE GUARD RAIL W/STEEL POSTS ITEM 538
SB 977+50 - 983+50 Lt
SB 985+50 - 991+00 Rt

* STAGE 2 CONSTRUCTION

DRILLING & BLASTING OF SOLID ROCK ITEM 116
981+00 - 983+00
985+50 - 987+00

* STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS ITEM 595A (6'3" SPACING)
NB 975+00 - 991+00 Rt

PLAN
Scale 1" = 50'
NOTE: Shaded areas to be excavated & disposed of as directed by Engr.

Match Line
PT 3+070
POT 3+175.0
Rev PT 3+146.7
3+75.2 E=-28.3'
THIS 3.50' detour to be constructed on Sta. 10+96 Pine St. III Garden Chatham Rd. Camp Ridge
Existing 6" galvanized water pipe
Existing stops (not to use)
Spring
Approx. location of old stone wall
remains of old stone wall
chicken coops
barn
house
Wire fence
Approx. location of old stone wall by others
Survey Δ 88°29'Rt R (00.00
Revised Δ 88°29'Rt R 170.0 T 165.6 L 262.5 E 67.3
PI 2+500+1+81.3
PI 2+500+2+096
POT 0+000
POST 1+98.25
POT 975+35.03
POT 978+17.72
POT 982+31.99
POT 983+61.15
990+31.62
Spiral PI 984+77.31 984+77.44
Δ 3°45' Lt
D 3°
LT 166.70
ST 83.37
Ls 250.00
27-L 0.07
Δ 33°59'27" Lt.
D 3°30'
R 1637.02
T 500.34
L 971.17
L 74.76
VT Grid
N
BM 205 U.S. Elev 728.17
BM 206 U.S. Elev 682.14
BM 207 U.S. Elev 650.64
BM 208 U.S. Elev 727.69
BM 209 U.S. Elev 709.57
BM 210 U.S. Elev 670.02
BM 1-5 3G732
973+00 NB Rt - SB Lt New Water Pipe & Stops Existing 12" Water Pipe Encased in Concrete 12+350 CMP w/2 curb Stops, Item 596
973+00 NB Rt - SB Lt New 12" Water Pipe & Stops Existing 12" Water Pipe Encased in Concrete 12+350 CMP w/2 curb Stops, Item 596
SB 976+30 - 977+40 Lt New 18"x12" ACCGMP, 16 ga. w/1 Type B Grate
SB 977+00 - 978+70 ACCGMP, 16 ga. w/1 Type B Grate
973+00 NB Rt - SB Lt New 12" Water Pipe & Stops Existing 12" Water Pipe Encased in Concrete 12+350 CMP w/2 curb Stops, Item 596
SB 978+00 - 978+70 ACCGMP, 16 ga. w/1 Type B Grate
SB 978+50 - 979+30 ACCGMP, 16 ga. w/1 Type B Grate
SB 979+00 - 979+80 ACCGMP, 16 ga. w/1 Type B Grate
SB 979+50 - 980+30 ACCGMP, 16 ga. w/1 Type B Grate
SB 980+30 - 981+10 ACCGMP, 16 ga. w/1 Type B Grate
SB 981+00 - 981+80

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
991 + 00 - 993 + 50

PROPERTY LINE FENCE w/STEEL POSTS, ITEM 583 II
NB 991 + 00 - 1006 + 50 Rt
SB 991 + 00 - 1006 + 50 Lt
S B 995+64 ~ 1006+62 Lt
N B 995+78 ~ 1006+15 Rt
Property Line Fence to be erected prior to construction

STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) ITEM 512
SB 996 + 00 - 997 + 50 Lt
SB [illegible]
NB [illegible]

RIPRAP (LIGHT TYPE) ITEM 513-B
SB 997 + 50 - 998 + 10 Lt

JUTE MATTING, ITEM 623
* Med 992 + 50 - 995 - 00
SB 993 + 25 - 994 + 75 Lt
* Med 997 + 50 - 1000 + 00

* THREE CABLE GUARD RAIL W/L. STEEL POSTS ITEM 538
SB 991 + 00 - 1006 + 50

* STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS ITEM 545-A (6'3" SPACING)
NB 991+00 - 1006+50 Rt

PLAN SURFACED 2.4 MI
GRADED & OTHERWISE FINISHED 2.4 MI
ROW CLEARED 2.6 MI
NO. [illegible]

BM 211 US Elev 635.25

BM 212 US Elev 607.33

BM 213 US Elev 609.06

BM 214 US Elev 605.20

BM 215 US Elev 595.00

POST 991+77.60

POST 991+36.32

POST 994+13.84

POST 997+42.92

POST 999+89.00

POST 1001+26.64

POST 1002+24.51

POST 1003+90.93

POST 1004+36.22

POST 1005+89.61

PI 998+42.57
995+36.82

PI 1002+74.63
1002+31.07

Control of Access is complete on this sheet

* Indicates Stage 2 Construction

DEC 21 1973

STAGE 2 CONSTRUCTION
DOYALTON
L 8971 (26)
SHEET SB OF [illegible] SHEETS

Sheet

DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
1006 + 90 - 1008 + 75
1010 + 25 - 1021 + 75

PROPERTY LINE FENCE w/ STEEL POSTS ITEM 583-II
NB 1006 + 50 - 1023 + 00 Rt
SB 1006 + 50 - 1023 + 00 Lt

* JUTE MATTING ITEM 623
Med 1019 + 00 - 1020 + 50

* THREE CABLE GUARD RAIL w/ STEEL POSTS ITEM 543P
SB 1006 + 50 - 1023 + 00 Rt

* STANDARD STEEL BEAM GUARD RAIL w/ STEEL POSTS ITEM 545-A (6'-3" SPACING)
NB 1006 + 50 - 1009 + 00 Rt
NB 1015 + 50 - 1023 + 00 Rt

Control of Access is complete on this sheet

* Indicates Stage 2 Construction

BM 216 US Elev 391.74
BM 217 US Elev 622.11
BM 218 US Elev 666.34
BM 219 US Elev 636.38
BM 220 US Elev 607.45
BM 221 US Elev 576.06

Δ 17° 57' 16" Lt
D 3° 30
R 1637.02
T 258.61
L 512.98
E 20.30

Δ 49° 54' 02" Lt
D 3° 30
R 1637.02
T 761.64
L 1425.73
E 168.50

Rev 30 ST 1007 + 16.34

Rev D1 1012 + 32.93 = 1012 + 28.69

Surv (Orig) POST 1014 + 27.05

POST 1016 + 22.14

POST 1019 + 94.93

DEC 21 1973

STAGE CONSTRUCTION	
SURVEYED BY	DATE
DRAWN BY	DATE
TRACED BY	DATE

DOYALTON

PROJ. I NO. 89 - 1 (26)

SHEET 40 OF

Sheet 90

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 585 II
NB 1023+60 - 1039+00 Rt
SB 1023+00 - 1039+00 Lt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
1027 + 25 - 1039 + 00

DRILLING & BLASTING OF SOLID ROCK, ITEM 116
1029+30 - 1031+00

* JUTE MATTING, ITEM 623
Med 1023 + 50 - 1025 + 50
Med 1028 + 00 - 1030 + 00

* TREATED TIMBER GUIDE ITEM 558
NB 1032 + 58 - 1039 + 00 Rt

* THREE CABLE GUARD RAIL W/Lt. STEEL POSTS, ITEM 538
NB 1024 + 94 - 1039 + 00 Rt
SB 1023+00 - 1039 + 00 Rt

SPECIAL DITCH, ITEM 103
SB 1034+38 - 1034+62 Lt
SB 1038+88 - 1039+00 Lt

* STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS ITEM 545-A (6'3" SPACING)
NB 1028+00 - 1025+00

Control of access is complete on this sheet

* Indicates Stage 2 Construction

PLAN SURVEYED BY Yeakle
NOT SHOWING PROFILE L. Clark
DRAWN
R.O.W. CHECKED
NO. DATE 12/72 4/73

Spiral Curve
Δ 5°15' Lt
ST 100.08
LT 200.09
2T-L 0.17
Ls 300.00

Δ 49°54'02" Lt
D 3°30'
R 1637.02
T 761.64
L 1425.73
E 168.50

BM 224
US Elev
340.27

BM 222
US Elev
330.36

BM 223
US Elev
334.06

Spiral
PI 10+30 + 59.06
10+30 + 59.89

PI 10+22 + 94.89
10+21 + 97.34

S14°31'37"W

S9°16'37"W

SB 1034+50 to New 36"x16ga ACCGMP 14 ga
SB 1033+00 to New 30"x16ga ACCGMP 14 ga
SB 1030+00 to New 24"x16ga ACCGMP 16 ga
NB 1035+00 to New 30"x16ga ACCGMP 14 ga
NB 1034+50 to New 30"x16ga ACCGMP 14 ga
NB 1035+00 Rt New 30" Pipe 16 ga CMPCA, Cl III
NB 1035+00 Rt Construct Special Ditch, Item 106-A
NB 1035+60 Rt New 12" Pipe 16 ga CGMP
NB 1037+50 Rt Construct Special Ditch, Item 106-A
NB 1037+50 Rt New 12" Pipe CGMP 16 ga
NB 1037+50 Rt New 36"x16ga Pipe CGMP 16 ga or SMACP, 16 ga or DEEP, Class III

Town shed
comp
old saw mill
field
boulder
woods
White River

DEC 21 1973

STAGE 2 CONSTRUCTION
ROYALTON
I 89-1 (20)
Sheet 12 of 139

Sheet 91

PROPERTY LINE FENCE W/ STEEL POSTS
ITEM 585 II
NB 1039+00 - 1055 +00 Rt
SB 1039+00 - 1055 +00 Lt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 538 B
1039 +00 - 1051 +25
1053 + 25 - 1055 +00

★ TREATED TIMBER CURB
ITEM 554
NB 1039+00 - 1041+20 Rt

★ THREE CABLE GUARD RAIL W/ STEEL POSTS, ITEM 535
NB 1039+00 - 1041+28 Rt
SB 1039+00 - 1055+00 Rt
NB 1052+00 - 1055+00 Rt
SB 1054+43 - 1055+00 Lt

PLAN
EXISTING
ACCESS PERMIT
R.O.W. LIMITS
PROP. R.O.W. LIMITS
ADJ. OWNERS
R.O.W. MONUMENTS
P.I.
P.O.T.
P.O.C.
P.O.R.C.
P.C.C.
P.T.
P.R.C.
P.C.
P.T.
P.C.S.
P.R.C.S.
P.C.C.S.
P.T.C.S.
P.O.S.T.
P.O.C.S.T.
P.O.R.C.S.T.
P.C.C.C.S.T.
P.T.C.C.S.T.

BM 225
US Elev
554.95

BM 226
US Elev
548.28

BM 227
US Elev
509.37

P.I. 1044 + 64.82
1044 + 41.27

P.O.S.T. 1040 + 64.62

P.O.S.T. 1043 + 52.39

P.O.S.T. 1046 + 23.61

P.O.S.T. 1050 + 07.40

P.O.S.T. 1054 + 56.58

Construct special ditch, Item 163

Stone fill Item 512

all Joints

Elbow

Use 24" Coupling Bands @ all Joints

Use 30" Coupling Bands @ all Joints

Use 42" Coupling Bands @ all Joints

Class III

Class II

Type A Grate

Type A Gr.

w/ CB

w/ Type A Grate

Δ 23° 54' 45" Rt
D 1° 30'
R 3819.72'
T 808.84
L 1594.13
E 84.68

P.C.C. 1052+50.11

comp

shed

woods

wood road

White River

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* DENOTES STAGE 2 CONSTRUCTION

DEC 21 1973

STAGE 2 CONSTRUCTION

ROYALTON

[illegible] (sw)

Sheet 44 of [illegible]

Sheet 12

JUTE MATTING, ITEM 623
SB 1062+00 - 1063+00 Lt.
SB 1065+50 - 1066+75 Lt.
* Med 1067+00 - 1068+50
* Med 1070+00 - 1071+00

PROPERTY LINE FENCE WITH STEEL POSTS, ITEM 585-II
SB 1055+00 - 1062+75 Lt.
SB 1064+00 - 1071+00 Lt.
NB 1055+00 - 1060+00 Rt.
NB 1061+50 - 1071+00 Rt.

CHANNEL EXCAVATION, ITEM 108
SB 1068+30 - 1071+00 Lt.

DRILLING & BLASTING OF SOLID ROCK, SUBGRADE, ITEM 115
1055+00 - 1061+25
Rock
Earth

CONSTRUCT SPECIAL DITCH, ITEM 103
SB 1055+00 - 1055+78 Lt.
SB 1057+80 - 1058+12 Lt.

* TREATED TIMBER CURB ITEM 555.8
NB 1055+10 - 1067+36 Rt.

* THREE CABLE GUARD RAIL W/Lt. STEEL POSTS ITEM 538
NB 1055+00 - 1059+52 Rt.
SB 1063+00 - 1071+00 Lt.
SB 1055+00 - 1057+00 Rt.
NB 1069+00 - 1071+00 Rt.
SB 1055+00 - 1056+09 Lt.

STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) ITEM 512
SB 1068+25 - 1071+00 Lt.
NB 1065+50 - 1067+75 Rt.

* STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS ITEM 545-A (6'3" SPACING)
NB 1059+46 - 1067+46 Rt.

BM 229 US Elev 366.91
BM 228 US Elev 334.87
BM 230 US Elev 335.91
BM 231 US Elev 340.11
BM 232 US Elev 528.40
BM 233 US Elev 499.45
BM 234 US Elev 331.10
BM 235 US Elev 506.68
BM 236 US Elev 389.99
TBM US Elev 600.76

POST 1060+32.63
POST 1062+11.07
POST 1065+30.37
POST 1070+20.99
TH 36 POT 58+65.35
TH 36 POT 65+11.3
TH 36 POT 66+14.1+
TH 36 Pt 69+28.5+
TH 36 Pt 60+25.4
TH 36 Pt 61+20=
61+11.6
POC 1061+89.26 Step Roadway Begin Bridge
POC 1062+25.69 End Bridge Begin Roadway
POC 1066+00.00 C/L POT 3+00.00
C/L POT 3+00.00
PI 1056+21.92
1056+17.30
PI 1067+76.12
1066+94.98
B-POST 1062+25.00
TH 36 Pt 63+35.2

SB 1055+10 Pt - TH 36 70+15.0 Lt. New 12"x108' Dipe CGMP 16 ga w/ 2-30° Elbows & 1-15° Elbow Use 24" Coupling Bands @ all Joints

NB 1056+03 - 1057+28 New 12"x87' ACCGMP 16 ga w/ 1-15° Elbow Use 24" Coupling Bands @ all Joints 2-30°

TH 36 67+00 Pt - NB 1055+78 New 12"x108' ACCGMP 16 ga w/ 1-10° & 1-15° Elbow Use 24" Coupling Bands @ all Joints

NB 1062+50 Pt New 18"x62' ACCGMP 16 ga Grate 1-10° & 1-20° Elbows Use 24" Coupling Bands @ all Joints

NB 1065+02 Pt New 18"x48' ACCGMP 16 ga w/ Type B Grate 1-20° Elbows Use 24" Coupling Bands @ all Joints

NB 1065+02 Pt New 12"x62.5' pe CGMP 16 ga w/ 1-10° & 1-20° Elbow Use 24" Coupling Bands @ all Joints

NB 1061+00.6 New 18"x89' ACCGMP 16 ga w/ Type A Grate

NB 1070+00.6 New 18"x28' CCP, Class III w/ Type A Grate

NB 1070+00.2 New 18"x16' CCGMP 16 ga w/ Type A Grate Use 24" Coupling Bands @ all Joints 1-25° & 1-30° Elbow

M/L
Δ 14°46'12" Rt
D 2°
R 2864.19
T 371.31
L 738.50
E 23.95
Bnk 3/4" per ft

TH 36 ①
Δ 24°18'30" Lt
D 12°
R 477.5
T 102.8
L 202.5
E 10.9
Bnk 3/4" per ft

TH 36 ②
Δ 55°00'00" Rt
D 27°
R 212.2
T 669
L 1296
E 10.3
Bnk 1" per ft

TH 36 ③
Δ 10°23'00" Lt
D 10°
R 573.0
T 52.1
L 103.8
E 2.4
Bnk 1 1/16" per ft

M/L
Δ 44°48'39" Rt
D 3°
R 1909.86
T 787.51
L 1493.88
E 155.99
Bnk 1 9/16" per ft

Δ 44°48'39" Rt
D 3°
R 1909.86
T 787.51
L 1493.88
E 155.99

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.
* DENOTES STAGE 2 CONSTRUCTION
STAGE I CONSTRUCTION DEC 21 1973

RONALTON
E 89-1 (Key)
Sheet 46 of [illegible] Sheets

93

PLAN — SURVEYED: Martin Sheridan; PLOTTED: Burton; NOTE BOOK; LAYOUT CHECKED; FIELD CHECKED; TRACED; NO.; DATE 7/44

PROFILE — CONTRACT NO. 66-1-28; DATE 7/44; CROSS SECTIONS; NOTE BOOK; LAYOUT CHECKED; FIELD CHECKED; TRACED; NO.; DATE

TWO CABLE GUARD RAIL, ITEM 541
60+00 - 60+23 Rt
60+00 - 64+02 Lt

CONSTRUCT DRIVE
62+00 Rt

Δ 41°13'30" Lt
D 10°
R 573.0
T 215.5
L 412.3
E 19.2
Bnk 1½" per ft

Δ 43°45'20" Pl
D 14°
R 409.3
T 164.3
L 312.6
E 31.8
Bnk 1" per ft

Δ 22°45'20" Lt
D 10°
R 573.0
T 115.3
L 227.6
E 11.5
Bnk 1½" per ft

PT 62+42.8
PT 66+20.1
66+13.1
PT 68+04.8
PT 70+13.6
PT 67+77.4
PT 69+61.3
69+58.3
POST 61+65.5
POST 24+12.0
TH #13 POST 63+26.0
POST 68+04.8
POC 60+00.0
POC 64+42.0
POC 68+46.0
Inacc PI 60+82.0
60+83.3
N 20°13'51" W
N 0°46'20" E 72
To South Royalton
BMSREB2 US Elev 612.08
Vt. Grid
WC
Brk seal 62+12 Rt
Brk seal 61+88 Rt
Brk seal 61+68 Rt
Brk seal 61+48 Rt
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Brk seal 2+88 Lt
Brk seal

Construct Drive
54'00 Rt
56+75 Lt

woods & brush

Sta 51+05 48" RCP (Good)

Δ 38°37'30" Lt
D 9°
R 636.6 ±
T 223.1
L 429.2
E 35.0
Ent 3/8" per ft

DT 54+75.3

DC 60+46.1

DPOST 51+59.4

Inacc
DI 52+62.2 =
52+52.2

DPOST 54+50.00

1 @ 6000#

53+00
BEGIN CONSTRUCTION

Elev 610.40

PVI
55+25
552.75
450' VC
550.183

PVI
60+75
550.50 NS
300' VC
K 31.2

56+50 RT - 56+70 LT
34" Non RCP or CMP
or CMAP 16GA or 14GA PERF

59+00 RT - 59+20 LT
34" Non RCP or CMP
or CMAP 16GA or 14GA PERF

59+00 LT
New 18" RCP or CMP 16GA or 14GA PERF
CMAP with Special Ditch Outlet Item 7060

59+89 RT Adjust 39" to Lt
12" ACCACP Remove

DPOST 58+65.2

Δ 10°23'00" Lt
D 10°
R 573.0
T 52.1
L 103.8
E 2.4
Ent 1/16" per ft

Main Line

DC 60+39.0

DT 61+63.7

61+72 Lt - 62+02 Rt
-7' New 18" RCP or CMP 16GA or 14GA PERF
or ACCACP, 6' CAMP 16GA

NB POST 1064+11.07

DPOST 63+35.2
NB POST 1062+25.00

N12°37'32"E

35°00'00"

woods

15" ACCMP (Good)

DI 61+120 =
61+11.6

woods

TH #36 TO BE BUILT IN ITS ENTIRETY DURING STAGE I CONSTRUCTION

old road profile

DEC 21 1973

DAYTON
F-89-1(8)
Control #1
Town Road 96
Sheet 367

Sheet

95

PLAN
DATE 10/63
SURVEY Santon
SECTION Dayton
NOTE BOOK ALIGNMENT CHECKED
FIELD BOOK PROFILE CHECKED
NO. PLOTTED BY 0.14

PROFILE
DATE 7/64
SURVEY Dayton
SECTION California
H. SCALE 1"=100'
V. SCALE 1"=10'
NO. STRUCTURE NOTES CHKD.

K&E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.

STONEFILL FOR PROTECTION
ITEM 511
65+75 - 67+75 Lt
69+00 - 70+75 Lt

TWO CABLE GUARD RAIL
ITEM 541
65+00 - 70+76 Lt

PLAN
DATE 10/63
SURVEYED: Emerson, Sheridans
COMPUTED:
ALIGNMENT CHECKED:
PROFILE CHECKED: Buxton
PLOTTED: 5/64
NOTE BOOK
NO.

PROFILE
SURVEYED:
COMPUTED:
PROFILE CHECKED: Martin Goldman
LINES & GRADES CHECKED:
PLOTTED:
STRUCTURE (BRIDGE NO.)

DOT 65+113

PI 66+141 =
66+099

67+00 ± Lt
New 24" RCP
ACCGMP
16ga

DC 68+257
Not Tied

Δ 24°18'30" Lt
D 12°
R 477.5
T 102.8
L 202.5
E 10.9
Bnk 36" per ft

PT 70+20.2

69+09.5 ± New 65.3 SqFt
48"x86" Arch CMP 120" wl
2 CPG Bands @ all joints

New 70+50 ± 18"x40" PPA
or CARCP, 16ga
COMP. 16ga.

71+97.5 ±
15" ACCGMP (Good)
Remove

72+60 ± New 49"x32" SPA
Reinforced Class III or CARCP, 12ga
COMP. 12ga or

Bridge to Royalton

White River

VT GRID

Elev 434.4

Hub 43.4
6" E
20.12

N 47°32' E

65+47.2

PT 66+76.0

N 47°32' E

60" CMP 30' deep
Not Tied

Hub 43.4
6" E
20.12

Δ 35°00'00" Rt
D 27°
R 212.2
T 66.9
L 129.6
E 10.3
Bnk 1" per ft

℄ POST 1060+52.63

BM #231
US Elev
540.11

POT 68+24.8
Tied

42" CMP (Fair)
Remove

drive to water

12" ACCGMP (Fair)
Remove

PI 69+28.5 =
69+25.4

POT 71+18.0 =
Not Tied

White River

woods

15" ACCGMP (Fair)

Fill #36 is Bought In
Its Entire Volume
Under Class I Excavation

Old road profile

PVI
68+00
508.50
200' V.C.
E 3.2

-3.60%

+3.60%

7+40.00
End Construction

DEC 21 1973

ROYALTON
I-89-1(2)
Contract A
Town Road #96
Sheet 33 of 367

Sheet

PLATE 1, PLAN-PROFILE
KEARFOTT & FISKE CO.

96

JUTE MATTING
ITEM 623
* Med 1071+00-1071+50 Dt
NB 1072+90-1074+25 RT

PROPERTY LINE FENCE W/
STEEL POSTS, ITEM 583.II
SB 1071+00 - 1087+00 Lt
NB 1071+00 - 1087+00 Rt

CONSTRUCT SPECIAL DITCH
ITEM 103
1075+50 - 1076+50 SB Lt

Topsoil Stockpile
1077+50 - 1082+50 Lt
4685 C.Y.

CHANNEL EXCAVATION
ITEM 106
SB 1071+00 - 1072+25 Lt

STONE FILL FOR SLOPE PROTECTION
(LIGHT TYPE) ITEM 512
SB 1071+00 - 1072+25 Lt

*THREE CABLE GUARD RAIL W/6 STEEL POSTS
ITEM 539
SB 1071+00 - 1073+04 Lt
NB 1071+00 - 1073+98 Rt
SB 1071+00 - 1071+90 Rt

BM 237
US Elev
600.99

BM 238
US Elev
577.33

BM 239
US Elev
578.25

FT ORIS

POST 1071+41.12

POST 1073+36.81

POST 1080+39.50

POST 1085+58.98

SB 1075+25 Rt - 1075+50 Lt
New 24" RCP, C III w/
1'-0" x 1'-0" Type A Grate

SB 1085+50 - 1087+00 Rt
New 18" RCP Class III
w/ Type A Grade

Spiral
PI 1075+65.84
1073+65.79

meadow

woods

N87°13'29"W

N83°28'29"W

Q= 3°45' Dt
ST 83.37'
Lt 166.70'
ST-L 0.07'
Ls 250.00'
D 11°
10 Points
150'

SB 1072+90 - 1073+50 Lt - Dt
New 30"x 116' RCP, C III w/
Type A Grate
Use 24" Coupling Bands @ all joints
Energy Dissipator, Items 511 1512 @ Outlet

Med 1073+50 - 1075+24
New 30"x 176' RCP, Class III

Med 1075+26 - 1077+99
New 24"x 274' RCP, C III

NB 1078+00
New 18"x 72' RCP Class III
w/ Type A Grate

Med 1078+01 - 1081+99
New 24"x 398' RCP, C III
w/ Type A Grate

NB 1082+00
New 18"x 372' RCP Class III
w/ Type A Grate

Med 1082+01 - 1085+49
New 18"x 348' RCP, Class III
w/ Type A Grate

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

* DENOTES STAGE 2 CONSTRUCTION

DEC 21 1973

STAGE 2 CONSTRUCTION

ROYALTON
I-89-1(
Sheet 48 of

Sheet 97

PROPERTY LINE FENCE W/ STEEL POSTS, ITEM 583-II
SB 1087+00 - 1103+00 Lt
NB 1087+00 - 1103+00 Rt

* BITUMINOUS CONCRETE PAVED GUTTER ITEM 554
NB 1088+80 Rt
NB 1095+20 Rt

JUTE MATTING, ITEM 623
SB 1090+00 - 1093+50 Lt
NB 1094+20 - 1095+50 Rt

* TREATED TIMBER CURB ITEM 558
NB 1091+00 - 1095+50 Rt
SB 1090+00 - 1097+10 Lt

* THREE CABLE GUARD RAIL W/Lt STEEL POSTS, ITEM 538
NB 1099+30 - 1102+50 Rt

Topsoil Stockpile
1100+00 - 1104+50 Lt
1887 C.Y.

* STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS ITEM 545-A (6'3" SPACING)
NB 1088+00 - 1095+50 Rt
SB 1089+52 - 1093+02 Lt

PLAN SCRATCHED, PLOTTED, TRACED, & DRAWN CHK'D
NOTE BOOK
NO.

BM 240 US Elev 579.19

SB 1089+00 Lt New 12"x28' Dia CMP 16 ga CAACP 16 ga w/1-15° Elbow Use 24" Coupling Bands @ all Joints

SB 1090+10 Lt New 18"x32' ACCGMP, 16 ga w/Type A Grate

SB 1092+50 Lt New 12"x15' Dia CMP 16 ga CAACP 16 ga w/1-25° Elbow Use 24" Coupling Bands @ all Joints

BM 244 US Elev 595.33

SB 1093+40 Rt New 18"x60' RCP Class III w/Type A Grate See Sheet 101 of 367

SB 1094+50 New 18"x60' ACCGMP, 16 ga w/Type B Grate

BM 245 US Elev 604.72

SB 1098+00 New 18"x84' RCP Class III w/Type A Grate

SB 1101+50 New 18"x84' RCP Class III w/Type A Grate

Vt. 680

C/L POT 1+80.16

Weld POT 1093+15.15 = PC POT 3+90.00

N83°28'29"W

POT 1089+1320

POT 1088+39.00

POT 1097+46.00

C/L POT 5+07.06

PC 1099+64.57

Woods

BM 241 US Elev 579.03

BM 242 US Elev 330.67

BM 243 US Elev 302.23

NB 1091+00 Rt New 12"x44' Dia CMP 16 ga CAACP Use 24" Coupling Bands @ all Joints

NB 1092+50 Rt New 12"x28' Dia CMP 16 ga CAACP 16 ga w/2-25° Elbows Use 24" Coupling Bands @ all Joints

NB 1094+50 New 18"x60' ACCGMP, 16 ga w/Type A Grate & 20 & 25° Elbows Use 24" Cplg Bands @ all Joints

NB 1098+00 New 12"x60' RCP Class III, w/ Type A Grate

NB 1098+00 Special ditch, Item 106

NB 1101+50 New 18"x84' RCP Class III w/Type A Grate

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

* DENOTES STAGE 2 CONSTRUCTION

DEC 21 1973

STAGE 2 CONSTRUCTION

ROYALTON
I 89-1 (5)

Sheet 50 of 103

Sheet: 98

STONE FILL FOR SLOPE PROTECTION (LIGHT TYPE) ITEM 512
SB 1114+25 - 1114+95 Lt.

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
1106+75 - 1107+25

PROPERTY LINE FENCE W/ STEEL POSTS ITEM 583-II
SB 1103+00 - 1113+00 Lt.
NB 1103+00 - 1119+00 Rt.

* BITUMINOUS CONCRETE SURFACE FOR GUTTER, ITEM 554
NB 1112+60 Rt.

JUTE MATTING, ITEM 623
NB 1110+25 - 1112+25 Rt.
SB 1112+25 - 1115+75 Lt.

* TREATED TIMBER CURB, ITEM 558
NB 1110+00 - 1112+60 Rt.

* STANDARD STEEL BEAM GUARD RAIL W/ STEEL POSTS ITEM 545-A (6'3" SPACING)
NB 1109+00 - 1113+00 Rt.
SB 1112+00 - 1116+50 Lt.

Topsoil Stockpile
1104+50 - 1107+00 Rt.
744 C.Y.

POST 1104+42.31

POST 1111+48.17

POST 1112+47.63

POST 1115+53.71

POST 1118+02.71

PI 1111+80.60*
1110+48.54

Chan POT 1+00

Chan POT 3+39.18

Chan POT 2+09.52

Chan PC 1111+14.57

Chan PT 0+77.28
Δ 67°30'13" Lt.

N 63°28'29" W

N 37°28'29" W

BM 246
US Elev
601.00

BM 247
US Elev
392.24

BM 248
US Elev
391.68

BM 249
US Elev
392.28

BM 250
US Elev
395.03

Δ 46°00'00" Rt.
D 2°
R 2864.79
T 1216.03
L 2300.00
E 247.40
Bnk 1/6° per ft

Chan POT 10+31.54

End Chan
10+85.00

WHITE RIVER

Planted pines

Existing Aerial ℄ NEL & T. Co. ℄

SB 1109+00 - 1110+00 Lt.
New 18" x 80' RCP Class III
w/ Type A Grate

SB 1109+00 Lt.
New 18" x 68' ACCGMP 16 ga.
1:1.25 Coupling Bands 5/11 Joints
w/ 1-20° Bend
Used as Coupling Bands

NB 1109+00
New 18" x 80' RCP Class III
w/ Type A Grate

NB 1111+10
New 18" x 80' ACCGMP 16 ga.
w/ Type A Grate

NB 1112+50
New 18" x 80' ACCGMP 16 ga.
w/ Type A Grate

1115+50 Med.
New 18" x 200' ACCGMP 16 ga. Mod. w/ Type 'A' Grate
w/ 15° Vertical Bend & Type 'C' Grate

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

* DENOTES STAGE 2 CONSTRUCTION

DEC 21 1973

STAGE 2 CONSTRUCTION

ROYALTON
I 89-1(26)
Sheet 52 of 103

Sheet 17

* BITUMINOUS CONC. GUTTER
ITEM 554
SB 1124+55 Lt

* TREATED TIMBER CURB
ITEM 558
SB 1124+55 - 1126+00 Lt

* THREE CABLE GUARD RAIL W/Lt.
STEEL POSTS, ITEM 539
SB 1124+08 - 1126+00 Lt

PROPERTY LINE FENCE W/STEEL POSTS
ITEM 583-II
SB 1119+00 - 1126+00 Lt
NB 1119+00 - 1126+00 Rt

BM 251
US Elev
627.06

BM 252
US Elev
636.66

BM 253
US Elev
585.29

SB 1122+00
New 18" DCP Cl III
w/Type A Grate

POT 1123+96.16

POT 1124+89.09

POT 1126+00.00

POST 1121+00.33

wood road

N 37°28'29" W

woods

NB 1119+00 Rt
Special ditch, Item 100

NB 1119+00 Lt
New 15"x24" RCP Class III
w/Type A Grate

NB 1122+00 Rt
Special ditch, Item 100

NB 1122+00
New 18"x24" RCP Class III
w/Type A Grate

PT 1122+64.57

CL POT 4+75.00

TH #6
PI 10+66.00
10+84.78

TH #6
Δ 12°28'10" Lt
D 4°
R 1432.40
T 156.48
L 311.74
E 8.52
bank ½ per ft.

barn

12" CMP
poor

PT 12+21.26

CL POT 1+00.00

POT 1130+91.67

POT 1133+40.70

BL POT 1129+37.00
CL POT 2+30.00

elec. fence

POT 1132+50.00
TH #6
POT 14+81.25

POT 15+38.34

Old Burnt

POT 17+05.02

PC 18+17.29

hen ho.

barn

TBM 6548
US Elev
503.31

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

* DENOTES STAGE 2 CONSTRUCTION

STAGE 2 CONSTRUCTION

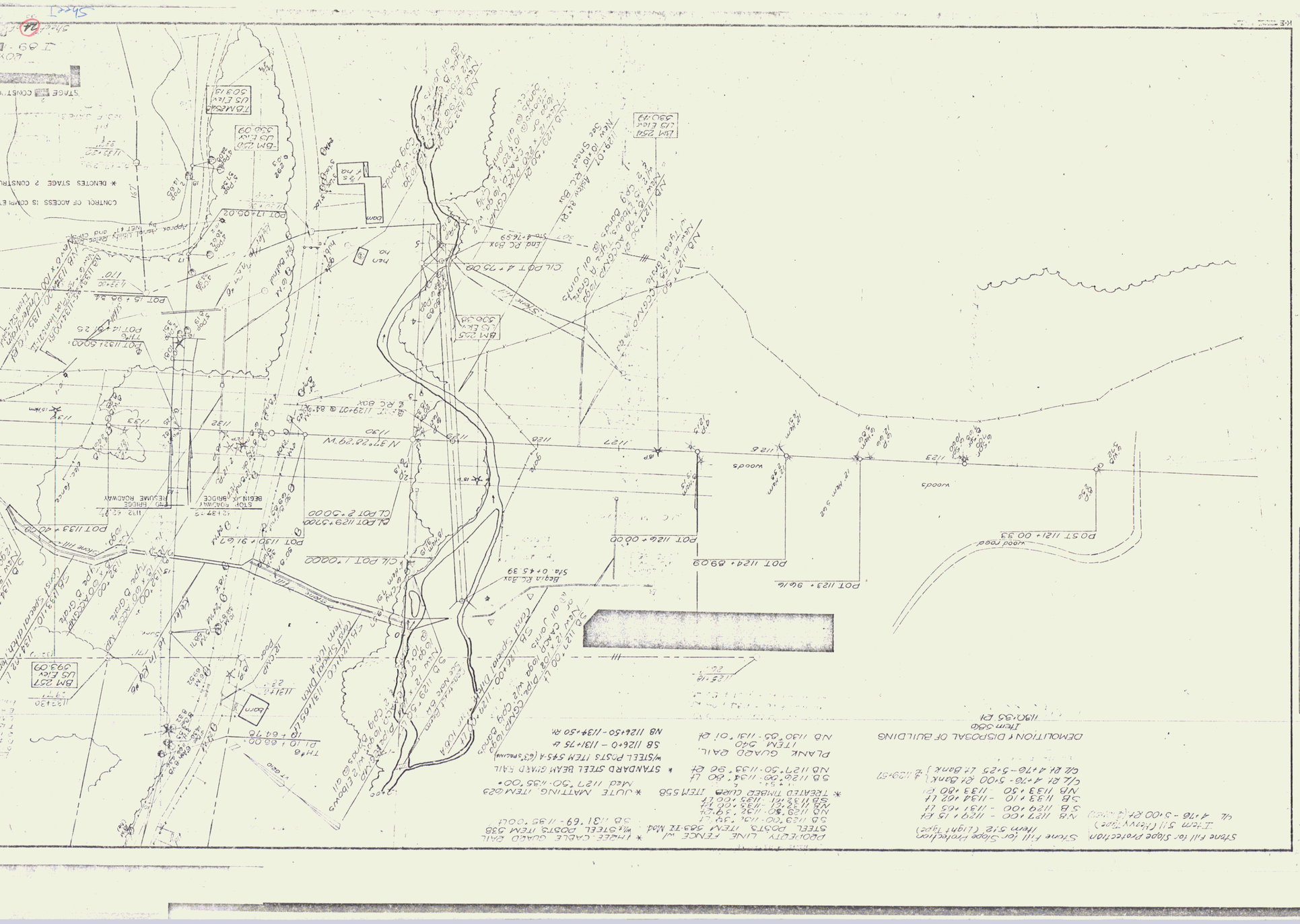
DEC 21, 1973

DOYALTON

1 89-1

Sheet 54 of 135

Sheet 100


Stone Fill for Slope Protection
Item 512 (Light Type)
STA 1127+00 - 1129+15 Rt
STA 1133+10 - 1134+00 Lt
STA 1129+00 - 1131+65 Lt
STA 1133+50 - 1133+80 Rt
DEMOLITION & DISPOSAL OF BUILDING
Item 990
1190+35 Rt
PLANK GUARD RAIL
ITEM 960
Rt 1130+65 - 1131+01
STANDARD STEEL BEAM GUARD RAIL
w/STEEL POSTS ITEM 545-A (6'3 Spacing)
Lt 1126+50 - 1131+75
Rt 1126+50 - 1134+50
PROJECTED LINE FENCE wt
STEEL POSTS ITEM 980-12
Rt 1129+30 - 1132+39
Lt 1132+41 - 1135+60
Rt 1132+41 - 1135+60
TEEATED TIMBER CURB ITEM 558
Lt 1126+30 - 1133+80
Rt 1127+30 - 1133+80
Lt 1126+30 - 1134+80
Rt 1130+65 - 1131+01
Lt 1127+30 - 1129+45
Rt 1127+30 - 1129+45
Lt 1129+90 - 1131+65
Rt 1129+90 - 1131+65

TWO CABLE GUARD RAIL DEMOLITION & DISPOSAL OF
ITEM 541
9+20 - 11+44 Rt
11+62 - 13+80 Rt
11+28 - 13+84 Lt
15+96 - 20+00 Rt

BUILDING ITEM 202
TH #6 - 7+00 Lt

CONSTRUCT DRIVES
7+60 - 7+65 Rt
17+10 - Lt
11+50 Rt
6+90 - Lt
2+5 -

WOOD GUIDE POSTS
ITEM 647-A
11+50 - 16+50 Lft Rt

STONE FILL FOR SLOPE PROTECTION
Item 512
8+50 - 9+00 Rt
11+00 - 11+50 Lt
18+00 - 18+50 Lt

Rev Curve Data
Δ 22°37'20"
D 15°
R 381.97'
T 76.40
L 150.81'
E 7.96'
bank 1½" perf ft

Rev
Δ 2°05'10" Lt
D 4°
R 1432.40
T 101.67
L 203.40
E 3.62
bank ½" perf ft

PI 13+35.44

TH #6 13+10 - 13+25 Lt
12" New 36° Bend
150 XCGMP 10ga

PI 11+49.04

TH #6 13+10 - 13+25 Lt
12" New 36° Bend
150 XCGMP 10ga

POT 11+33+40.70

POT 11+32+50.00
TH #6 POT 11+31.25

TH #6 10+30
New 24" Pipe
or CAAP 14ga CMP

Approx Astm Limit Shown by KE

15+68.25
End Box
Resume
Roadway

14+05.25
Start Drive
Begin Box

POT 5+98.34

POT 17+05.02

POT 11+30+91.67

TH 6 Rev 6+00.0
BEGIN CONSTRUCTION

Surv
hen ho
horse barn
hen ho
Surv PI 7+19.27
7+73.01
Rev 7+81.97
7+00.78
Rev 7+81.97
7+00.78
barn
½ st ho
cabin
Stone wall
Stone fill
Stone fill
Surv PI 10+66.00
10+64.79
barn
hen ho
barn
½ st ho
Stone fill
End drive (constr)

Rev PI 12+50.91

Surv PI 10+66.00
10+64.79

PVT
5+96.7
631.40

Fill
11+00
200 VC
5+15.4

10+00
200 VC
600 CA

Fill
11+25
90 VC
560
SSD 227.8

14+05.25
Start Drive
Begin Conn Box

14+63.25
End Conn Box
Resume Roadway

for details refer to Structure drawings

TO BE BUILT IN ITS ENTIRETY DURING STAGE I CONSTRUCTION

CONSTRUCTION

DEC 21 1973

630
620
610
600
590
580
570
560
550
540
530

5 6 7 8 9 10 11 12 13 14 15 16 17 18

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
PLANS ENTERED
CHECKED
R/W NOTE
RIGHT OF WAY CHECKED
TRACED

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
PLANS ENTERED
CHECKED
R/W NOTE
RIGHT OF WAY CHECKED

K&E PLATE 1, PLAN-PROFILE
Keuffel & Esser Co.

TWO CABLE GUARD RAIL
ITEM 541
20+00 : 20+96 Rt
21+07 : 23+39 Rt

Rev Curve Data
Δ 43° 21 22 Lt
D 10°
R 572.96'
T 227.73'
L 433.50'
E 43.61'
Bnk. 3/4" /Ft

CONSTRUCT DRIVE
21+00 Rt
24+00 Lt

WOOD GUIDE POSTS ITEM 547A
at 21+00 Rt
Dr 0+35 - 14.5 Lt

PLAN
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
TRACED
DESIGNED
DRAWN
CHECKED
QUANTITIES CHECKED
NO.
DATE
Fall
10-64
10-64
WJS

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
TRACED
DESIGNED
DRAWN
CHECKED
QUANTITIES CHECKED
NO.
DATE

TH #6 22+55 Askew 60° Rt
New 18"x 118' Pipe CGMP
1090 cfs (FLARED 1090 cfs)
Approx. Aerial Utility Poles Rte. by HEI

Rev PT 22+50.95

Surv PT 23+43.50

POT 30 + 31.58

R i l e y

Rev PI 20+45.04
20+23.10

Surv PI 21+01.84
20+60.55
Δ 52° 49' 15" Lt
D 10°

21+15 Const Special Ditch Item 108.4

Surv POST 22+98.28
Rev POT 22+98.07
Lg 102.21

25+50
End Construction

Eq 102.21

Construct satisfactory drainage

Drive Profile @ sta 21+00 Rt

DEC 21 1973
TO BE BUILT IN ITS ENTIRETY DURING STAGE I CONSTRUCTION

CONTRACT 2
ROYALTON
ROUTE 100
ROYALTON

Sheet 41

K&E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.

Sheet 103

GRAVEL BACKFILL FOR SLOPE STABILIZATION, ITEM 222-A Mod.
SB 1136+00 - 1151+20 Lt

PROPERTY LINE FENCE
w/ STEEL POSTS, ITEM 583-II Mod
NB 1135+00 - 1151+00 Rt
SB 1135+00 - 1151+00 Lt

NB 1137+31 - 1151+00 Rt
SB 1139+20 - 1151+00 Lt
Property Line Fence to be erected prior to construction.

*THREE CABLE GUARD RAIL
w/ STEEL POSTS, ITEM 542-2
NB 1145+12 - 1146+72 - Rt
NB 1146+20 - 1151+00 Rt

CONSTRUCT STONE FILL ENERGY DISSIPATOR ITEM 518
NB 1150+60 Rt

*JUTE MATTING ITEM 623
Med 1135+00 - 1144+00
Med 1149+50 - 1151+00

SB 1135+00 - 1137+40 Lt
New 48 x 200 ACCMP 12 ga.

SB 1137+00 Lt
New 18" x 80' ACCGMP 16 ga.
w/ 2 Elbows @ 20° & 2 Corg. Bands @ all joints

SB 1137+00 Lt
New 18" x 80' ACCGMP 16 ga.
w/ 2 Elbows @ 20° & 2 Corg. Bands @ all Joints

SB 1137+00
New 24" x 76' RCP, Cls III
w/ Type B Grate

SB 1135+00 Lt - 1140+00 Lt
New 6' x 500' Underdrain Item 521-IA Mod.
W/ Flushing Basin @ 1140+00 Lt

Med 1137+00 - 1142+00
New 18" x 500' RCP, Cls III
w/ Type A Grate

SB 1142+00
New 18" x 76' RCP, Cls III
w/ Type A Grate

SB 1140+00 - 1146+50 Lt
New 6" x 650' Underdrain Item 521-IA Mod.
W/ Flushing Basin @ 1146+50 L.t.

V7 Grip

SB 1146+50 - 1150+50 Lt
New 6" x 400' Underdrain Item 521-IA Mod. w/ Flushing Basin @ 1150+50 Lt.

SB 1150+50 - 1151+00 Lt
New 6" x 50' Underdrain Item 521-IA Mod.

SB 1150+00
New 18" x 76' RCP, Cls III
w/ Type A Grate

SB 1150+00 Lt
New 18" x 80' ACCGMP, 16ga.
w/ 2 Elbows @ 5° & 20° & 2 Corg. Bands @ all joints

SB 1150+00 - 1150+60 Lt
New 18" x 60' ACCGMP, 16ga.
w/ 2 Elbows @ 5° & 20° & 2 Corg. Bands @ all joints

NB 1150+60
New 18" x 76' RCP, Cls III
w/ Type A Grate

meadow

Slope Benching

Slope Benching

Elec. fence

P.O.T. 1135+20.41

P.O.T. 1145+09.69

P.O.T. 1150+98.75

woods

N 37°28'30" W

BM #259
US Elev
6321.3

BM #259
US Elev
6423.59

BM #260
US Elev
6439.39

Approx. Aerial Utility Pole #1
by NEPA
Elev 6355.2

NB 1137+00
New 18" x 76' RCP, Cls III
w/ Type B Grate

NB 1139+00 - 1140+00 Rt
New 6" x 500' Underdrain Item 521-IA Mod.
W/ Flushing Basin @ 1140+00 Rt

NB 1140+00 - 1145+50 Rt
New 6" x 550' Underdrain Item 521-IA Mod.
W/ Flushing Basin @ 1145+50 Rt

NB 1142+00
New 18" x 76' RCP, Cls III
w/ Type A Grate

NB 1150+60
New 18" x 76' RCP, Cls III
w/ Type A Grate

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.

* DENOTES STAGE 2 CONSTRUCTION

DEC 21 1973

STAGE I CONSTRUCTION

CONTRACT #2
BOYLSTON
I 89-1(8)

Sheet 26 of 239

Sheet -

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PLAN
SURVEYED BY ... DATE ...
DRAWN ... TRACED ...
DESIGN ... CHECKED ...
QUAN. CHECKED ...
NO. ...

GRAVEL BACKFILL FOR SLOPE STABILIZATION. ITEM 222-A
SB 1151+00 - 1154+50 LT.

* STANDARD STEEL BEAM GUARD RAIL w/ STEEL POSTS ITEM 545-A (6'3" SPACING)
NB 1160+50 - 1167+00 Rt
NB 1151+00 - 1154+68 Rt
NB 1139+31 - 1137+00 Rt.
NB 1151+00 - 1153+65 Lt.

PROPERTY LINE FENCE w/ STEEL POSTS, ITEM 583-II Mod.
SB 1151+00 - 1164+40 Lt
NB 1151+00 - 1164+40 Rt
NB 1165+95 - 1167+00 Rt
SB 1168+78 - 1167+00 Lt
SB 1164+60 - 1166+60 Lt
NB 1164+60 - 1165+75 Rt
NB 1151+00 - 1164+40 Rt
NB 1164+60 - 1165+75 Rt
NB 1165+95 - 1167+00 Rt
SB 1151+00 - 1164+40 Lt
SB 1164+60 - 1166+60 Lt
SB 1166+79 - 1167+00 Lt
Property Line Fence to be erected prior to construction

* THREE CABLE GUARD RAIL w/ STEEL POSTS, ITEM 538
NB 1160+53 - 1166+61 Rt
SB 1163+42 - 1167+C.O. Lt.

* TREATED TIMBER CURB, ITEM 558
NB 1161+50 - 1167+00 Rt
SB 1164+15 - 1167+00 Lt

JUTE MATTING ITEM 623
1151+00 - 1156+00 Med. *
NB 1161+00 - 1161+50 Rt *
1161+00 - 1167+00 Med *

* CONSTRUCT U-TURN 1163+00 Med.

STONE FILL FOR SLOPE PROTECTION, ITEM 512
NB 1153+50 - 1154+40 Rt
SB 1163+50 - 1164+28 Lt
SB 1164+78 - 1166+65 Lt.

* BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS, ITEM 554
1159+00 Med

Construct Drives for Cattle Pass
1164+50 Rt. & Lt.

* BRIDGE RAILING ITEM 572
NB 1166+79 - 1167+00 Lt

PLAN
DATE 12-28-72 REVISED
NOTE BOOK KLEIN CHECKED
NO. R O W CHECKED
BY JAMES KLEIN
DATE 1-1-73

SB 1151+00-1154+00 Lt New 6'x 9'00 Underpass Item 521-21 Mod.
SB 1154+40 New 24" x 76' RCP, Cl III w/ Type B Grate
SB 1154+00-1154+60 Lt New 6'x 12' Pipe, Item 521-11 Mod.
BM "282" U.S. Elev. 6071.56
SB 1159+00 New 24" x 76' RCP, Cl III w/ Type B Grate
BM "263" U.S. Elev 6291.01
BM "264" U.S. Elev 5795.54
SB 1163+50-1164+28 Lt Special Ditch, Item 606
SB 1164+00 New 18" x 85' ACCM P 16 ga. w/ Type B Grate
SB 1164+50 New 18" x 30' ACCM P 16 ga. w/ Type B Grate
BM 285 U.S. Elev 5828.57
SB 1166+32-1165+50 Lt Special Ditch, Item 606
SB 1166+32 New 12" x 30' CMP 16 ga. @ 10' c-c w/ 2 CMP 16 ga. Bands @ all joints
SB 1166+32-1165+50 Lt New 12" x 30' CMP 16 ga. @ 10' c-c w/ 2 CMP 16 ga. Bands @ all joints

POT 1152+11.62
Slope Benching
POT 1153+18.43
POT 1156+40.93
POT 1158+92.22
POT 1161+71.69
POT 1166+64.75
stone fill
ACCEL LANE
300' TAPER
stone fill
BM "282" U.S. Elev. 6034
NB 1153+00
END ACCEL LANE
BEGIN 300' TAPER
posture w/ scattered woods
NB 1154+40 New 24" x 86' RCP Cl IV w/ Type B Grate
NB 1159+00 New 24" x 72' RCP, Cl III w/ Type B Grate
NB 1159+00-1161+00 Lt New 24" x 200' ACCM P 16 ga.
R.C.P. Spring
NB 1161+00-1161+50 Rt New 24" x 72' RCP, Cl III w/ Energy Dissipator, Item 612
* Med 1163+00 New 18" x 62' ACCM P 16 ga. w/ Metal End Sections
NB 1164+00 New 18" x 85' ACCM P 16 ga. w/ Type B Grate
NB 1164+50 New 18" x 63' x .105 RCCP
POT 1166+27.0 TN. RD. # 35 13+50 63° LT.
1166+13.31 Stop Roadway Begin Bridge
1166+40.66 End Bridge Resume Roadway
meadow
brush & woods
posture & brush
NB 1166+00 New 12" x 122' CMP 16 ga. or 6" x 2" CMPA 16 ga. 2 Corrug. Bands @ all joints
NB 1166+50 New 12" x 122' CMP 16 ga. w/ 2 Corrug. Bands @ all joints

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

* DENOTES STAGE 2 CONSTRUCTION

DEC 21 1973

STAGE 2 CONSTRUCTION

ROYALTON
I 89

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Sheet

105

Two Cable Guard Rail "I" Wood Posts Item 541
Sta 9+10 - 12+34 Lt
Sta 10+91 - 12+15 Lt
Sta 14+04 - 16+00 Lt

CONSTRUCT DRIVE
11+50 Lt
7+60 Lt
9+00 - 11+00 Lt

TBM 265Y
US Elev 518.46

Curve Data
Δ 16°55'00" Lt
D 6°30'
R 881.5'
T 131.1'
L 260.3'
E 37'
Do Not Bank

12+54.00
STOP ROADWAY
BEGIN CONC BOX

BM 265
US Elev 518.37

14+39.00
End Conc Box
Resume Roadway

14'-0" Dia. 14 ga. CMP
with Corrug. Steel Bands (Optional CSAMP 14ga)
14'-0" Dia. 14 ga. CMP

Farm Drive

Drive

Tool Shed

Corrugated Iron Shed

Trees & Brush

14'06 Lt
15' ACCUMD
(Wood)
Remove

Curve Data
Δ 4°45'00" Rt.
D 2°
R 2864.8'
T 120.5'
L 240.8'
E 2.5'
Do Not Bank

7+25
Begin Approach Construction

12+59
Stop Roadway
Begin Conc Box

14'34
End Conc Box
Resume Roadway

For Details Refer to Bridge Sheets

+3.00%

-2.00%

Fill to Cut Transition

DEC 21 1973

TO BE BUILT IN ITS ENTIRETY DURING STAGE II CONSTRUCTION

Contract #2
Division
Plans Revised 2-09-71

PLAN
SURVEYED
PLOTTED
ISSUANCE CHECKED
NOTE BOOK
NO.

PROFILE
SURVEYED
PLOTTED
ISSUANCE CHECKED
NOTE BOOK
NO.

K&E PLATE 1, PLAN-PROFILE KEUFFEL & ESSER CO.

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Sheet 3
106

TWO CABLE GUARD RAIL W/WOOD POSTS, ITEM 541
* 10+00 - 16+20 RH

CONSTRUCT BARRICADE ITEM 540
18+75 RH

CONSTRUCT DRIVE
16+25 LH

Surv
Curve Data
Δ 30°35'30" Lt
D 8°

Rev Curve Data
Δ 30°35'30" Lt
D 12°
R 477.46'
T 130.58
L 254.93
E 16.91

Bnk ½' 1ft Lt
20+50
End Constr

Clyde Gilman

Rev PC 18+39.2

Rev PT 21+94

Rev POT 23+10.0

Rev POT 18+39

Rev POT 22+19.4
Rev PC 21+63.11
Surv PC 21+63.8

Surv
PI 20+29.8
20+20.4
Rev PI 20+29.8
20+23.6

BM 265.7
U/S Elev 544.15

20'-00" New 18"x 36" pipe (Option) CMP 16 ga CMAP legs, or RCP, Class III w/ Type A Grate

Match

Drive Profile

20+50

End Construction

Proposed Satisfactory Approach

+L 3.00%

-3.65%

PVI
10+50
300 LT
548.50
550.400

DEC 21 1973

TO BE BUILT IN ITS ENTIRETY DURING STAGE I CONSTRUCTION

Contract #2
Project
TH #35 Reloc 169-1(2)

Sheet 43 of 289

PLATE 1, PLAN-PROFILE

101

Construct J term
NB 1180+50 Lt
video on Divertity
Project [87-1(6)31

DEMOLITION AND DISPOSAL
ITEM 586
1178+00 Rt

* JUTE MATTING, ITEM 623
Med. 1167+00 - 1168+00
Med. 1179+50 - 1183+00

* BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS
ITEM 554 (Slope Drain)
NB 1179+01 - 1179+50 LT
SB 1179+04 - 1178+50 RT

STANDARD STEEL BEAM GUARD RAIL
W/STEEL POSTS ITEM 545-A
NB 1167+00 - 1168+25 RT+LT

SB 1168+00 New 18'x56' ACCGMP 16Ga w/Type B Grate
NB 1168+00 New 18'x56' ACCGMP 16Ga w/Type A Grate

1168+64.25
Stop Roadway
Begin Bridge

Stone Fill

meadow

* THREE CABLE GUARD RAIL W/Lt STEEL POSTS, ITEM 538
SB 1167+00-1167+90 Lt
NB 1167+00-1168+39 Lt
Ramp B 0+07 - Ramp B 4+60 Rt
SB 1179+85 - 1183+00 Lt

BM 266
U.S. Elev
532.39

POT 1172+69.81

* TREATED TIMBER CURB, ITEM 558
NB 1167+00 - 1168+00 Rt
SB 1167+00 - 1168+00 Lt
NB 1177+94 - 1178+10 Rt
SB 1178+50 - 1183+00 Lt
NB 1181+00 - 1182+70 Rt

PROPERTY LINE FENCE w/ STEEL POSTS, ITEM 539-II Mod.
NB 1167+00 - 1170+20 RT
SB 1167+00 - 1170+50 LT
SB 1167+00 - 1170+50 Lt
NB 1167+00 - 1170+32 Rt
Property Line Fence to be Reinstated prior to construction

REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL, ITEM 549
32+89 - 36+50 Rt
36+10 - 36+45 Lt

STONE FILL FOR SLOPE PROTECTION (HEAVY TYPE)
ITEM 511
CL 4+00 - 5+75
NB 1168+62 LT - SB 1168+72 RT

Bkt. 2010 Grade, 11th Ave.
Sta. 11+00 = 32 Lt.
Sta. 11+50 = 32 Lt.
Sta. 11+75 = 32 Lt.
Sta. 11+75 = 15 Lt.
Sta. 11+25 = 12 Lt.

MATCH LINE

POT 1178+73.85
T/L 35+100 D
POT 1178+14.75

GRANITE SLOPE EDGING, ITEM 506-A
* NB 1182+95 - 1183+00 Lt
32+00 - 38+00 ℄ Island

THREE CABLE GUARD RAIL W/STEEL POSTS, ITEM 542
VT 107 32+00 - 38+00 Rt

Approx. Underground Utility Dist. Tel Section 576

SB 1178+50 Lt New 12"x38' Pipe CGMP 16Ga or CAACP 16Ga w/ 2 Bands @ all Joints w/ 2 Elbows (110°/80°)

1177+80.75 End Bridge Resume Roadway

UNCLASSIFIED CHANNEL EXCAVATION, ITEM 108 C
CL 4+00-5+75 RT

STONE FILL FOR SLOPE PROTECTION
ITEM 512
SB 1167+36 - 1169+00 Lt

SPECIAL DITCH, ITEM 103
VT 107 32+00-34+00 Lt.

Topsoil Stockpile
1181+00 - 1182+00 Rt
5000 C.Y.

SB 1182+00 Lt 12"x46' Pipe CGMP 16Ga w/ 2 Elbows @ 25° w/ 2 CpG Bands @ all Joints

Power line

Sta. 11+50 Rt
Type A Grate, w/ 2 Elbows @ all Joints
2 CpG Bands

Rt Mid POT 1178+50
Ramp B POT 0+00

chicken house
95°03'

hen yard
hen yard

VT 107 POT 34+96.80
N 72 1/2°W 107.5
Δ 82°03'00"

CHEC marker

BM 267
U.S. Elev
532.51

Comp. D PC 131.80

NB 1181+00 Rt 12"x48' Pipe CGMP 16Ga w/ 2 CAACP 16Ga w/ 2 Elbows @ all joints w/ 2 CpG Bands

NB 1178+10 Rt New 12"x40' Pipe CGMP 16Ga w/ 2 Elbows (110°-70°) or CAACP 16Ga w/ 2 Elbows @ all joints w/ 2 CpG Bands

New 18"x100' ACCGMP 16Ga

30+31 4'x6' Cattle Pass Entrance

3'x16' Gate

3'x16' Cattle Pass Entrance

50' ± of (Less than)

2 s.f. ho
gar
barn
barn
shed

WHITE RIVER

* BRIDGE RAILING FOR BRIDGE APPROACH ITEM 572
NB 1167+00-1168+42 Lt
NB 1168+25-1168+39 Rt
SB 1167+43-1168+55 Lt
SB 1167+38-1168+59 Rt
SB 1178+07-1180+92 Lt
SB 1178+03-1180+28 Rt
NB 1177+96-1179+08 Lt
NB 1177+92-1179+04 Rt

* DENOTES STAGE 2 CONSTRUCTION

STAGE 2 CONSTRUCTION

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

DEC 21 1973

ROYALTON
I-89-(26)

Sheet 30 of 108
Sheet

108

PROPERTY LINE FENCE
w/ STEEL POSTS, ITEM 583-II Mod.
Ramp A 0+00-12+00 Rt

GRANITE SLOPE EDGING
ITEM 556-A-F
* Ramp A 6+25-10+26 Lt
* Ramp B 7+50-11+52 Rt
At Island 38+00'-39+35'
At Island 39+98'-43+12'
Ramp B' 17+00-17+42 Lt
Ramp A' 0+53-0+96 Lt
VT 107 39+60-39+84 Lt
VT 107 39+98-43+12 (Islands)

THREE CABLE GUARD RAIL
w/ STEEL POSTS ITEM 542
VT 107 39+08-45+10 Rt
VT 107 45+14-47+20 Lt

CONSTRUCT DRIVES
45+78 Rt
45+40 Lt Constr Appr, TH 22

* JUTE MATTING
ITEM 623
Ramp A 1+00-12+00 Lt

STANDARD STEEL BEAM GUARD RAIL, ITEM 545-A
VT 107 40+20-41+27 Lt

* TREATED TIMB CURB, ITEM 558
Ramp A 11+50-12+00 Rt

BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS, ITEM 554
Ramp A 6+25 Lt Curb Drain
Ramp A 9+00 Lt Curb Drain

* THREE CABLE GUARD & 4' W/ Light STEEL POSTS, ITEM 538
RAMP A 4+55 - 12+00 Rt.
RAMP B 7+50 - 13+58 Rt.

REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL, ITEM 549
40+30 - 45+18 Rt
45+38 - 47+20 Lt

Ramp B'
Δ 166° 54' 02" Rt
D 21.9112°
R 230.0
T ∞
L 750.26
E ∞
Bnk 1"/ft

Ramp A'
Δ 74° 59' 58" Lt
D 17.90494°
R 320.00
T 245.54
L 418.88
E 83.90
Bnk 1"/ft

Ramp A' PI 8+39.68
7°87.48

Ramp A' PC 6+74.14

Ramp B' PI 11+82.76

Ramp B' PC 9+39.22

VT 107 POST 39+26.66 =
Ramp B' POT 17+78.85
Δ 92°03'30"

VT 107 POST 40+16.76 =
Ramp A' POT 0+27.15
Δ 92°03'30"

VT 107
Δ 19°33' Rt
D 3°00' 00"
R 1909.86
T 331.76
L 662.78
E 29.11
bank 5/8 per ft.

PI 42+29.77 =
PC 38+97.93

PC 38+95.01

MATCH LINE

Ramp B' 17+00
New 18"ø CMP
w/ Type A Grate

Ramp A' 0+53
New 18"ø CMP
w/ Type A Grate

Ramp B' 11+82
New 18"ø CMP
w/ Type B Grate

Ramp A' 9+00
New 18"ø CMP
w/ Type B Grate

Ramp A' 11+50
New 12"ø CMP
w/ Type A Grate

Ramp B' 7+50
New 18"ø CMP
w/ Type A Grate

Ramp A' 4+55
New 18"ø CMP
w/ Type A Grate

Ramp A' 1+00
New 12"ø CMP
w/ Type A Grate

Ramp A' 6+25
New 12"ø CMP
w/ Type A Grate

VT 107 40+58 Lt - 44+00 Lt
Special Ditch, Item 163

New 30"ø RCP Cl III

New 18"ø RCP Cl III

New 24"ø RCP Cl III

New 18"ø ACCOMP Edge
Type A Grate
43+13 Rt

New 18"ø ACCOMP (Edge)
Type A Grate

New 18"ø ACCOMP (Edge)
Type A Grate

New 18"ø RCP Cl III

New 30"ø RCP Cl III

Ramp A' 11+50
New 12"ø CMP
16.92 of 12"ø CMP
w/ Type A Grate
2 - Type A Grate
4 - Type B Grate
Conc Collar
Conc Apron
Conc Bands @ all Jcts

Ramp A' 11+50
New 12"ø CMP
16.92 of 12"ø CMP
w/ Type A Grate
2 - Type A Grate
4 - Type B Grate
Conc Collar
Conc Apron
Conc Bands @ all Jcts

Ramp B' 9+00
New 12"ø CMP
16.92 of 12"ø CMP
w/ Type A Grate
2 - Type A Grate
4 - Type B Grate
Conc Collar
Conc Apron
Conc Bands @ all Jcts

Ramp B' 17+00
New 18"ø CMP
w/ Type A Grate

Ramp A' 0+53
Begin Ramp A'

Ramp B' 17+00
End Ramp B'

Ramp B'
Ramp A'
Ramp B
Ramp A

VT 107

Ramp A' PC 6+74.14

Ramp A' PI 8+39.68

Ramp A' PC 9+39.22

Ramp B' PI 11+82.76

Ramp B' PC 11+82.76

Ramp A' PI 11+50

Ramp A' PC 11+50

Ramp B' PI 17+00

Ramp B' PC 17+00

Ramp A' PI 0+53

Ramp A' PC 0+53

Ramp A' PI 4+00

Ramp A' PC 4+00

Ramp B' PI 7+50

Ramp B' PC 7+50

Ramp A' PI 6+25

Ramp A' PC 6+25

VT 107 POST 40+16.76 =
Ramp A' POT 0+27.15
Δ 92°03'30"

VT 107 POST 39+26.66 =
Ramp B' POT 17+78.85
Δ 92°03'30"

Ramp B'
Ramp A'

Ramp A' PI 8+39.68
7°87.48

Ramp A' PC 6+74.14

Ramp B' PI 11+82.76

Ramp B' PC 9+39.22

Ramp A' PI 11+50

Ramp A' PC 11+50

Ramp B' PI 17+00

Ramp B' PC 17+00

Ramp A' PI 0+53

Ramp A' PC 0+53

Ramp A' PI 4+00

Ramp A' PC 4+00

Ramp B' PI 7+50

Ramp B' PC 7+50

Ramp A' PI 6+25

Ramp A' PC 6+25

VT 107 POST 40+16.76 =
Ramp A' POT 0+27.15
Δ 92°03'30"

VT 107 POST 39+26.66 =
Ramp B' POT 17+78.85
Δ 92°03'30"

Ramp B'
Ramp A'
Ramp B
Ramp A

VT 107

Ramp A' PC 6+74.14

Ramp A' PI 8+39.68

Ramp A' PC 9+39.22

Ramp B' PI 11+82.76

Ramp B' PC 11+82.76

PROPERTY LINE FENCE W/ STEEL POSTS ITEM 583 II Mod.
5+00' - 14+60' Rt Ramp D

STANDARD STEEL BEAM GUARD RAIL W/STEEL POSTS ITEM 545-A (6'3" Spacing)
VT 107 28+80 - 30+55 LT

GRANITE SLOPE EDGING ITEM 556-A
8+10 - 9+00 Ramp C Rt
9+25 - 9+90 Ramp D Lt
25+60 - 27+90 Islands
28+54 - 32+00 Island
14+29 - 14+68 Ramp D Lt
0+57 - 0+98 Ramp C Lt
28+07 - 28+40 VT 107 Lt

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL ITEM 549
VT 107, 25+00 - 29+80 Rt

SPECIAL DITCH, ITEM 103
VT 107, 29+70 - 32+00 LT

*JUTE MATTING, ITEM 623
5+00 - 14+28 Lt Ramp D

THREE CABLE GUARD RAIL W/STEEL POSTS, ITEM 542
VT 107, 25+00 - 32+00 RT

BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS ITEM 554
VT 107, 29+60 RT
RAMP "C" 6+00 RT
RAMP "C" 8+25 RT

SUB-BASE OF SAND ITEM 202
RAMP "C" 1+50 - 9+00
RAMP "D" 5+00 - 14+68
Δ 50° 41'
D 8°
R 716.20
T 339.10
L 633.58
E 76.42
Bank 58' per ft

GRAVEL BACKFILL FOR SLOPE STABILIZATION ITEM 282-A
RAMP "C" 5+00 - 9+00 RT

Ramp D
PI 8+18.21
8+03.22

Ramp D
Δ 43° 03' 22" Lt
D 17.90494°
R 320.0'
T 126.23'
L 240.47'
E 24.0'
bank 15/16" per ft

Ramp C
Δ 167° 42' 51" Rt
D 24.9112°
R 230.0
T 2137.01'
L 673.25'
E 1919.36'
bank 1" per ft

CONTROL OF ACCESS IS CONTROLLED ON THIS SHEET EXCEPT AT STATION 0+18 RAMP "C".

* DENOTES STAGE 2 CONSTRUCTION

RAMPS "C" & "D"

DEC 21 1973

STAGE 1 CONSTRUCTION

SURVEYED BY _____ DATE _____
DRAWN BY L. Stace DATE 7-75
TRACED BY L. Stace DATE 7-75

ROYALTON

PROJ. F 10 93 - 1 (2)
FED. PROJ. 37

710

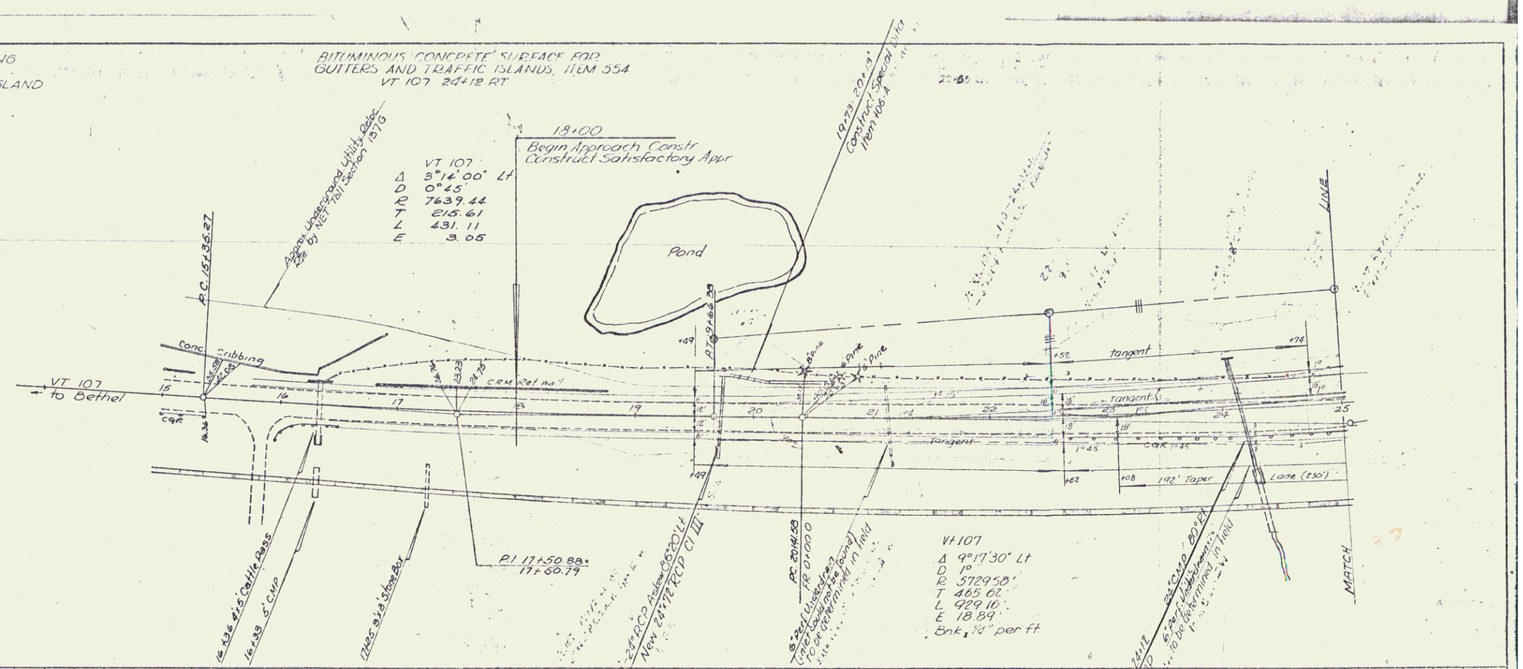
REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL, ITEM 549
VT 107, 22+65 - 25+00 RT

GRANITE SLOPE EDGING
ITEM 556-A
VT 107, 22+60 - 25+00 ℄ ISLAND

BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS, ITEM 554
VT 107 24+18 RT

THREE CABLE GUARD RAIL
W/STEEL POSTS, ITEM 542
VT 107, 20+24 - 25+00 Rt

Temporary Guard Rail - Item 543
VT 107 25+43 - 19+65 Lt



PLAN
SURVEYED
DRAWN
NOTE BOOK
ALIGNMENT CHECKED
VT. DIV. OF WAY CHECKED
NO.

PROFILE
SURVEYED
DRAWN
NOTE BOOK
GRADES CHECKED
ELEVS NOTED
DIVISION ENGINEER (OR AE)
NO.

DATE
BY

DEC 21 1973

Note: VT 107 is to be maintained during construction.

44 ROYALTON 37-(18) SP 999

Sheet

K+E PLATE 1. PLAN-PROFILE
KEUFFEL & ESSER CO.

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PROPERTY LINE FENCE w/ STEEL POSTS, ITEM 583-II Mod.
Ramp A' 12°00' - 16°42'7" Rt
Ramp D' 0°00' - 5°00' Rt
SB 1191°+65 - 1193°00' Lt.
NB 1189°+26 - 1193°00' Rt.

Rev ML
Δ 15° 29' 26" Lt
D 1° 06' 00"
R 5208.71
T 708.44
L 1408.23
E 47.96
Bnk. 9/16 Rt

* GRANITE SLOPE EDGING ITEM 556-A
Ramp 'C' 9°00' - 12°11'8 Rt
Ramp 'D' 4°+31.5 - 7°+50 Rt.

*THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS, ITEM 538
Ramp 'C' 10°55 - 12°+71 Rt
Ramp 'D' 4°+60 - 7°+50 Rt
Ramp 'A' 12°00' - 19°+72 Rt
SB 1183°00' - 1183°50 Lt
SB 1191°+40 - 1193°+00 Lt

* TREATED TIMBER CURB, ITEM 538
Ramp 'A' 12°00' - 19°+2 Rt
SB 1192°+20 - 1193°00 Lt
SB 1183°+00 - 1183°+50 Lt

STONE FILL FOR SLOPE PROTECTION, ITEM 512
NB 1190°+50 - 1193°+00 Rt

JUTE MATTING ITEM 623
* Ramp A' 12°+00 - 12°+56 Lt
* Ramp A' 13°+00 - 15°+00 Lt
* Ramp 'B' 5°+00 - 6°+30 Lt
* Ramp 'D' 3°+00 - 4°+00 Lt
Ramp 'C' 11°+00 - 11°+50 Rt
* Med 1183°+00 - 1193°+00
SB 1185°+35 - 1186°+50 Lt

* BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS
RAMP C' 10°+50 Rt CURB DRAIN
SB 1192°+00 Lt CURB DRAIN

GRAVEL BACKFILL FOR SLOPE STABILIZATION ITEM 222-A
RAMP C 9+00 - 10+50 RT.

SUB-BASE OF SAND, ITEM 202
RAMP C 9+00 - 10+50
RAMP D 1+50 - 5+00

Ramp 'C' 9°+00 - 12°+50 Rt
New 18 x 126 ACCGMP, 16 ga. w/2 25 Elbows, Use & Corg Bands @ all Joints w/ Type B Grate
Ramp 'D' 0°00 - 5°00 Rt
New 18 x 86 ACCGMP, 16ga w/ Type A Grate
9°00 - 10°50 Ramp C' Rt
New 16 x 150' Underdrain w/ Fitting Bm. 521.2 Mod. @ 10'-0" c/c
Ramp 'A' 11°+00 - 12°+50 Rt
New 18 x 126' ACCGMP, 16 ga. w/2 25 Elbows, Use & Corg Bands @ all Joints w/ Type B Grate
SB 1184°+00 New 18 x 126 ACCGMP, 16 ga. w/2 25 Elbows, Use & Corg Bands @ all Joints w/ Type B Grate
Ramp 'A' 11°+00 - 12°+50 Rt
New 16 x 150' Underdrain w/ Fitting Bm. 521.2 Mod. @ 10'-0" c/c
0°00 - 5°00 Ramp 'D' Rt
New 16 x 150' Underdrain w/ Fitting Bm. 521.2 Mod. @ 10'-0" c/c
Ramp 'A' 12°00' - 19°+72 Rt
New 18 x 126' ACCGMP, 16 ga. w/2 25 Elbows, Use & Corg Bands @ all Joints w/ Type B Grate
Ramp 'A' 12°00' - 19°+2 Rt
New 18 x 126' ACCGMP, 16 ga. w/2 25 Elbows, Use & Corg Bands @ all Joints w/ Type B Grate
Ramp 'C' 10°55 - 12°+71 Rt
New 18 x 126' ACCGMP, 16 ga. w/2 25 Elbows, Use & Corg Bands @ all Joints w/ Type B Grate
Ramp 'B' 4°+60 - 7°+50 Rt
New 18 x 86' ACCGMP, 16 ga. w/2 25 Elbows, Use & Corg Bands @ all Joints w/ Type B Grate

BM 268 Sill 12 Hem Elev 541.02
BM 269 Sill 8 Hem Elev 570.10
BM 270 Sill 12 Hem Elev 605.03
BM 271 Sill 12 YB Elev 575.75
BM 272 Sill 12 Hem Elev 541.58

POC 1183+50.00
End Curb
POC 1185+75.01
End Curb
POT 1187+39.97
End Curb
POT 1189+00
End Curb
POT 1189+00
End Curb
POT 1191+18
End Curb
POT 1193+00
End Curb

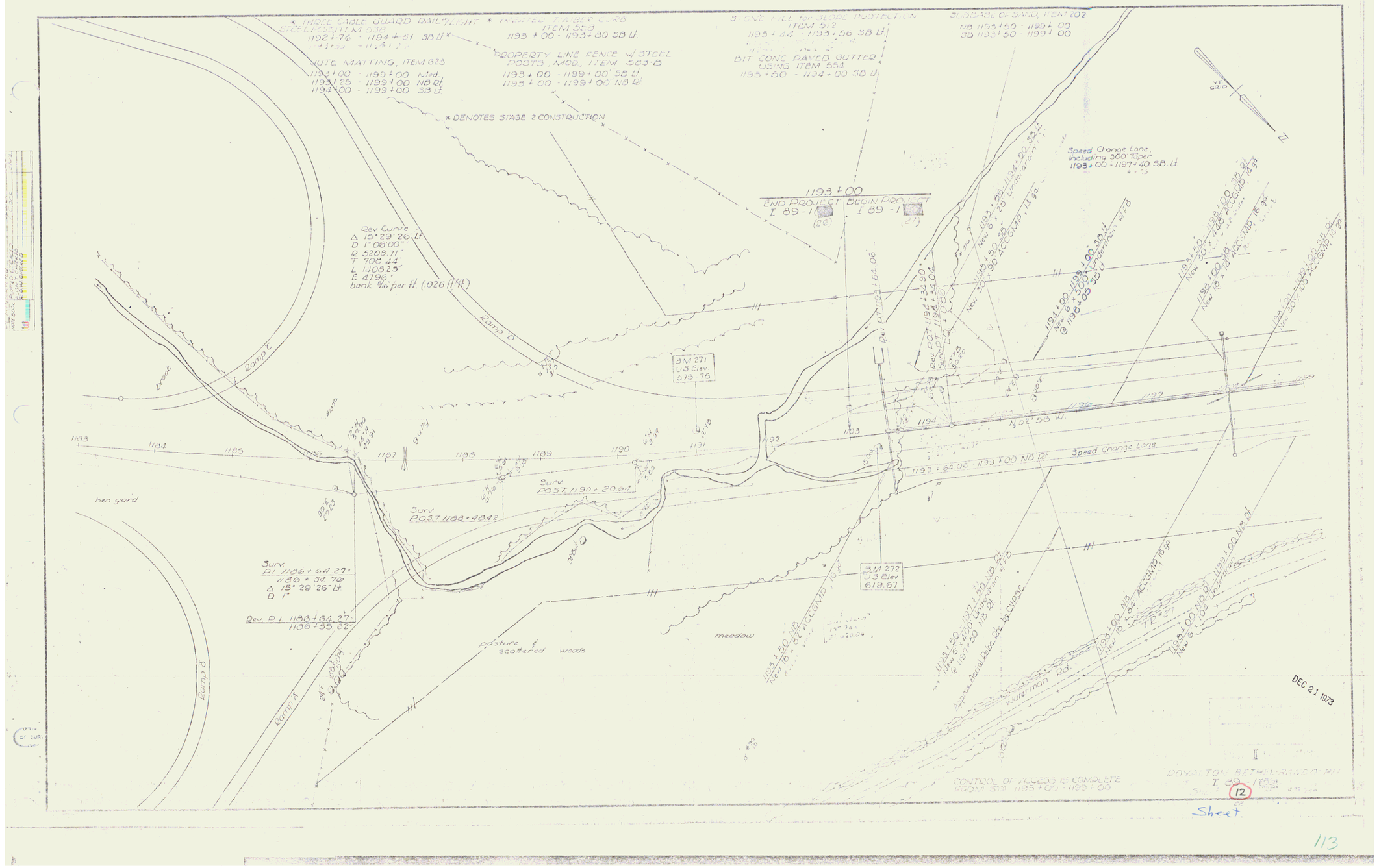
Ramp 'D' PI 21+71.20
21733
Ramp 'A' PI 11+64.73
11+45.0
Ramp 'A' POT 1187+39.97
Ramp 'A' POT 1189+00
Ramp 'A' POT 1191+18
Ramp 'C' PI 11+64.73
11+45.0
Ramp 'C' POT 1189+00
Ramp 'C' POT 1191+18
Ramp 'C' POT 1193+00
Ramp 'D' POT 1193+00
Ramp 'D' POT 1191+18
Ramp 'D' POT 1189+00
Ramp 'D' POT 1187+39.97

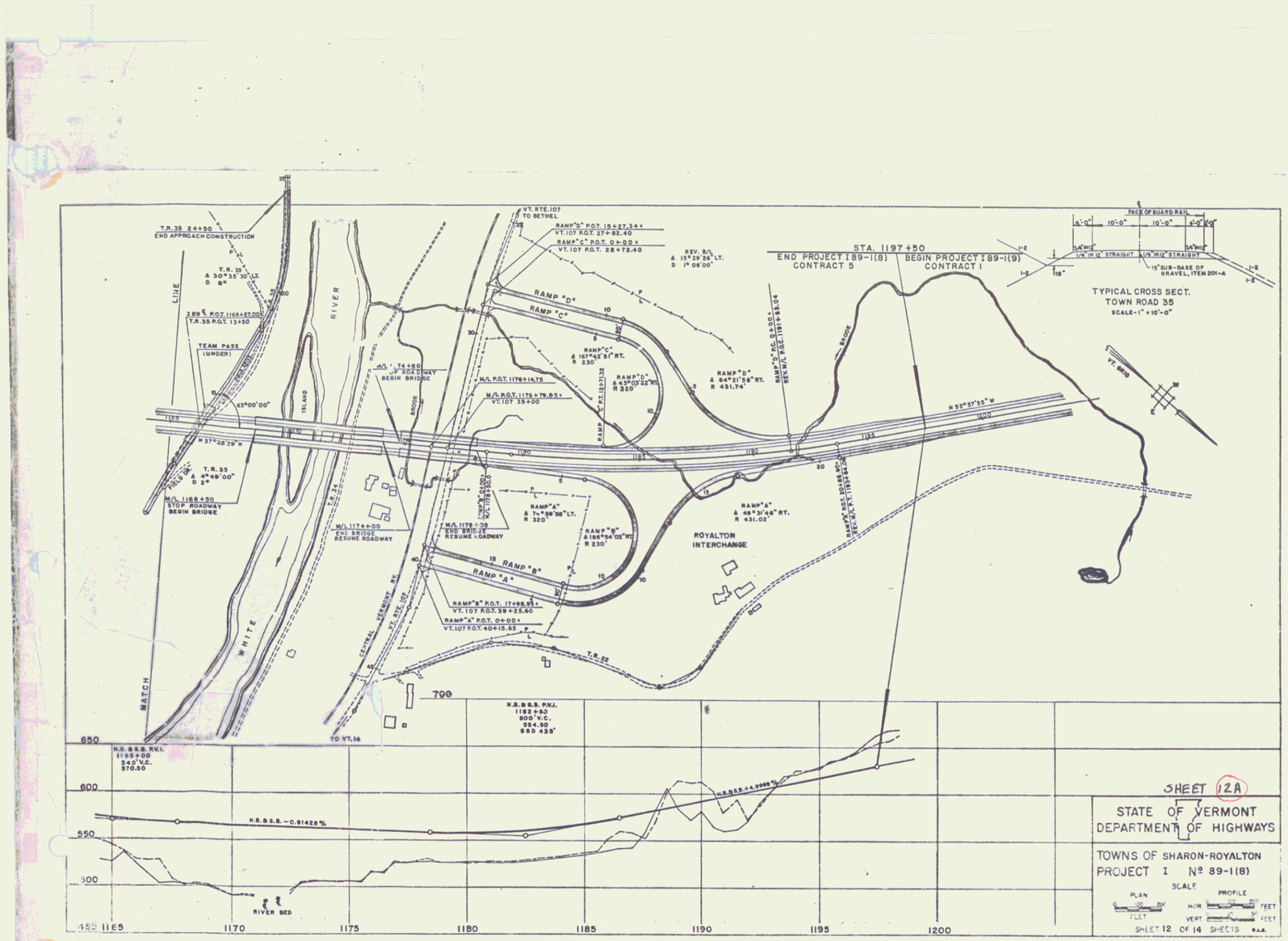
Surv PI 1184+64.27
1186+94.76
Δ 15° 29' 10" Lt
D 1° 00' 00"
Surv PI 1186+64.27
1186+35.62

M 1185+75.01
522' x 72" CGMPP @
38°-40'-30" Rt

N 37° 28' 29" W
N 52° 57' 55" W
N 52° 57' 55" W
N 52° 57' 00" W
S 77° 30' 19" W
S 37° 30' 00" W
S 37° 30' 00" W

Old Mid Post 1188+1.29
Stone fill
Stone fill
End Curb
End Curb
End Curb


* THREE CABLE GUARD RAIL W/LIGHT * STEEL POSTS ITEM 538
1192+76 - 1194+81 SB Lt *
* INSTALL TIMBER CURB ITEM 553
1193+00 - 1193+80 SB Lt
JUTE MATTING, ITEM 623
1194+00 - 1199+00 Med.
1193+25 - 1199+00 NB Rt
1197+00 - 1199+00 SB Lt
PROPERTY LINE FENCE w/ STEEL POSTS, M100, ITEM 543-B
1193+00 - 1199+00 SB Lt
1193+00 - 1199+00 NB Rt
STONE FILL FOR SLOPE PROTECTION ITEM 612
1193+44 - 1193+56 SB Lt
BIT. CONC. PAVED GUTTER USING ITEM 551
1193+50 - 1194+00 SB Lt
SUBBASE OR BASE, ITEM 302
NB 1193+50 - 1199+00
SB 1193+50 - 1199+00
* DENOTES STAGE 2 CONSTRUCTION
1193+00
END PROJECT I 89-1 (26)
BEGIN PROJECT I 89-1 (27)
Rev. Curve
Δ 15°29'26" Lt
D 1°06'00"
R 5208.71'
T 708.44'
L 1408.23'
E 47.96'
bank 3/4 per ft. (026 H/H)
Ramp C
Ramp D
Ramp A
Ramp B
BM 271
US Elev.
575.75
BM 272
US Elev.
619.67
Surv
POST 1188+48.42
Surv
POST 1190+20.04
Surv
PI 1186+64.27
180° 34'76
Δ 15° 29' 26" Lt
D 1°
Rev PI 1186+64.27
1186+55.62
Rev PI 1194+36.90
Rev PI 1193+64.06
Speed Change Lane
Including 300' Taper
1193+00 - 1197+40 SB Lt
Speed Change Lane
1193+64.06 - 1193+00 NB Rt
1193+50 - 1193+00
New 30' x 48" ACCGMP, 14 ga
1194+00 - 1193+50
New 6' x 300' Underdrain w/ F&B
@ 1193+00 SB Lt
1193+50 - 1193+00
New 30' x 48" ACCGMP, 14 ga
1193+00 - 1193+50
New 18" x 42" ACCGMP 16 ga
1193+50 - 1193+00 SB
New 18" x 42" ACCGMP, 16 ga
1193+00 NB Rt - 1193+00 SB Lt
New 6" Underdrain w/ F&B
1193+50 - 1197+50 NB Rt
New 6" x 400' Underdrain w/ F&B
@ 1197+30 NB Rt
1193+50 - 1193+00 NB Rt
New 18" x 42" ACCGMP, 16 ga
1193+00 NB Rt - 1193+00 NB Rt
New 6" Underdrain w/ F&B
1193+50 - 1193+00 SB
New 30" x 48" ACCGMP, 14 ga
Access Road Plan dtd. by CIPSC
Kuntzman Rd.
N 52° 58 W
1193
1194
1195
1196
1197
1198
1199
1200
1183
1184
1185
1186
1187
1188
1189
1190
1191
1192
ditch
gully
gully
ditch
hen yard
pasture & scattered woods
meadow
CONTROL OF ACCESS IS COMPLETE FROM STA 1193+00 - 1199+00
DAYTON - BETHEL - MIAMI PH
I 89-1(26)
DEC 21 1973
12
Sheet
113



SHEET 12A

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWNS OF SHARON-ROYALTON
PROJECT I Nº 89-1(8)

SCALE
PLAN 1"=100' FEET
PROFILE HOR 1"=100' FEET VERT 1"=10' FEET

SHEET 12 OF 14 SHEETS

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PROPERTY LINE FENCE WITH STEEL POSTS, MCD, ITEM 583-B
1199+00 - 1215+00 SB Lt
1199+00 - 1215+00 NB Rt

SUBBASE OF SAND, ITEM 202
NB 1199+00 - 1209+75
SB 1199+00 - 1209+25
SB 1209+25 - 1214+75

EXCELSIOR MATTING - ITEM 626
1199+00 - 1210+25 NB Rt
1199+00 - 1212+30 Med
1199+00 - 1205+75 SB Lt
1208+75 - 1211+75 SB Lt

PLAN
DESIGNED
DRAWN
TRACED
CHECKED
QUANTITIES
CHECKED

BMFR6
US Elev
691.12

BMFR7
US Elev
717.05

BM 273
US Elev
710.12

BM 274
US Elev
685.53

POT 1202+23.84

POST 1209+46.66

PI 1212+19.38
1211+90.05

scattered woods & pasture

meadow

N 52° 58' W

N 27° 08' W

1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215

1199+00 - 1202+00 SB Lt
New 30 x 3.69 ACCGMP, 16 ga

1202+00 SB
New 18 x 72 ACCGMP, 16 ga

1202+01 - 1199+98 SB Lt
New 24 x 2.38 ACCGMP, 16 ga

1199+00 - 1196+00 SB Lt
New 6 x 7.05 Underdrain w/ FB
@ 1202.05 & 1206+00

1196+00 - 93
New 18 x 76 ACCGMP, 16 ga

1203+01 - 1199+98 SB Lt
New 24 x 2.38 ACCGMP, 16 ga

1209+01 - 1210+99 SB Lt
New 18 x 2.38 ACCGMP, 16 ga

1211+00 SB
New 18 x 72 ACCGMP, 16 ga

1211+01 - 1213+99 SB Lt
New 18 x 2.38 ACCGMP, 16 ga

1214+00 SB
New 18 x 76 ACCGMP, 16 ga

1199+00 - 1201+80 NB Rt
New 6 x 2.76 Underdrain w/ FB
@ 1201+80

1202+00 NB
New 18 x 82 ACCGMP, 16 ga

1199+00 - 1210+00 NB Rt
Speed Change Lane, Incl. 600' Taper

PC 1203+43.79

1205+00 NB
New 18 x 80 ACCGMP, 16 ga

1202+00 - 1207+75 NB Rt
New 6 x 5.76 Underdrain w/ FB

1208+00 NB
New 18 x 80 ACCGMP, 16 ga

Δ 25°50'07" Rt
D 1°30'
R 3819.72
T 878.09
L 1722.35
E 99.16
Brk. %/Pt. (0.041%)

Waterman Road (T-5 #27)

Approx. Aerial Utility Entrance Rte. by NET & T Co.

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Stage I Cons

ROYALTON-BETHEL-RANDOLPH
I-89-1 (55) (27)
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* CONSTRUCT U-TURN
1215 + 00 ℄

EXCELSIOR MATTING
ITEM 626
1219 + 48 - 1222 + 50 NB Rt
1228 + 00 - 1231 + 00 Med

JUTE MATTING, ITEM 623
1225 + 25 - 1229 + 25 SB Lt

SUBBASE OF SAND, ITEM 202
NB 1215 + 00 - 1218 + 98
SB 1215 + 00 - 1216 + 40

STANDARD STEEL BEAM GUARD RAIL
ITEM 625-E

TR #32 = 41+33 - 41+62 Lt & Rt (Non-Gov't)
TR #32 43+43 - 44+02 Lt & Rt (Non-Gov't)

△ THREE CABLE GUARD RAIL, LIGHT
STEEL POSTS, ITEM 535
1216 + 03 - 1228 + 03 SB Lt
1217 + 53 - 1231 + 00 NB Rt

DRILLING & BLASTING OF SOLID ROCK SUBGRADE, ITEM 115
1227 + 75 - 1228 + 25 SB

* TREATED TIMBER CURB, ITEM 588
1225 + 50 - 1231 + 00 NB Rt

PROPERTY LINE FENCE, MOD, ITEM 683-8
1215 + 00 - 1231 + 00 SB Lt
1215 + 00 - 1231 + 00 NB Rt

* STAGE II CONSTRUCTION

PLAN
SURVEY
LAYOUT
DRAWN
CHECKED
NO.

TR 32
41+25
BEGIN CONSTRUCTION
TOWN ROAD #32
BM 275
US Elev.
688.76
1218+00 Station
New 18" x 25' ACCGMP
16 ga w/ 2 1/2 NB Bd Sections
1219+56.62
STOP
ROADWAY
BEGIN
BRIDGE
(Non-Gov't)
PI ST 1219 + 56.80
Δ 85°38'
1219+79.96
END BRIDGE (Non-Gov't)
RESUME ROADWAY
℄ POST 1219+68.28
TR 32 POT 22+54.83
Meadow
1220.00 SB Lt - NB Rt
New 18" x 30' ACCGMP
16 ga w/ 2 1/2 NB Bd
Sections & Partial Invert
12 Apple trees
TR 32 41+25 - 41+62
New 18" x 40' ACCGMP
16 ga w/ 2 1/2 NB Bd
Sections & Partial Invert
1223.00 SB Lt - NB Rt
New 18" x 24' ACCGMP 16 ga
barn
SB 1227+00 Lt - Rt
New 18" x 15' ACCGMP 16 ga
1230+00 SB Lt - NB Rt
New 42" x 38' ACCGMP 12 ga
w/ End 94 Dissipator
POT 1227 + 77.41
1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1231
N 27° 08' W
Woods
Waterman Rd.
SD 1217+92 Lt - NB 1219+90 Rt
New 24" x 228' ACCGMP, 8 ga
Construct Spec. Ditch, Items 605.1, 613.5
Appx. Utility Relocate by NEL Atlal Ty 610535
(Underground by NEL Atlal Ty 610535)
TR 32 42+63 Lt & Rt 2 Shade box
REMOVE
NB 1219 + 98 - 1224 + 15 Lt
Construct Special Ditch, Items 605.1, 613.5
TR 32 43+43 - 43+75
New 33" x 33" ACCGMP Arch, 12 ga
None w/ Perforations
See Sheets 500 Series
For The Above Structure
1220.00 Lt
New 48" Dia ACCGMP
16 ga w/ 12.5" Invert
16 ga w/ 2 1/2" Perforations
7 - 1 1/2" Dia Perforations
Approx Burial 1.0 ft Rebar Cut by CIPSC
Note: For Typical Section
On Town Road #32 Refer
To Sheet 16 of 78
46 + 50
End Construction
Town Road #32
1223+00 Lt - NB Rt
New 18" x 166' ACCGMP 16 ga w/ 12.5° Elbows
2 2/3" Corg Bands @ all Joints
NB 1227+00 Lt
New 18" x 166' ACCGMP 16 ga
w/ 12.5° Elbows
2 2/3" Corg Bands @ all Joints
NB 1228+00 Lt
New 18" x 105' Pipe CGMP 16 ga
w/ 10 1/2° Elbow
or CAACP 16 ga w/ 10 1/2° Elbow
2 2/3" Corg Bands @ all Joints
NB 1230+00 Lt
New 18" x 39' Pipe CGMP 16 ga or
CAACP 16 ga w/ 10 1/2° Elbow
2 2/3" Corg Bands @ all Joints
NB 1231+00 Lt - Rt
New 18" x 146' ACCGMP 16 ga w/ 12.5°
T - 30 Elbow & 2 2/3" Corg Bands @
all Joints
pasture, scattered trees & brush
BM 276
US Elev.
672.02

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* THREE CABLE GUARD RAIL, ITEM 534 1231 + 00 - 1247 + 00 NB-Rt

JUTE MATTING ITEM 623 1245+50 - 1247+00 MED 1245+50 - 1247+00 SB Lt

* TREATED TIMBER CURB ITEM 628 1231+00 - 1247+00 NB Rt

PROPERTY LINE FENCE, MOD ITEM 585-II 1243 + 00 - 1247 + 00 SB-Lt 1243 + 00 - 1247 + 00 NB-Rt

* DENOTES STAGE 2 CONSTRUCTION

VT. GRID

SB 1234+00 Lt - 1233+70 Rt New 24 x 86" ACCGMP, 14 ga

SB 1237+30 New 30 x 78" ACCGMP, 14 ga

SB 1241+30 New 28 x 82" ACCGMP, 14 ga

Sta 1243+00 END PROJECT 189-1(35) BEGIN PROJECT 189-1(9)

SB 1245+70 - 1244+50 New 19' - 5" x 86" ACCGMP (6.35) Lt

BM 279 US Elev 757.89

meadow

pasture

pasture, scattered weeds & brush

pasture & scattered trees

N 27°08' W

1233 1234 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247

P.O.T. 1240 + 74.81

BM 278 US Elev 751.35

NB 1233+00 Lt New 24" x 86" CMP CMAOP, 16 ga or CMAOP, 16 ga w/ 1 - 25° Elb.

NB 1233+70 New 24" x 86" ACCGMP, 14 ga w/ 1 - 25° Elb & 24' Cplg Bands @ all Joints

NB 1234+00 Lt New 24" x 86" CMP CMAOP, 16 ga or CMAOP, 16 ga w/ 1 - 25° Elb. & 24' Cplg Bands @ all Joints

NB 1237+30 New 30" x 78" ACCGMP, 14 ga w/ 1 - 25° Elb. & 24' Cplg Bands @ all Joints

NB 1238+00 Lt New 30" x 78" CMP CMAOP, 16 ga or CMAOP, 16 ga w/ 1 - 25° Elb. & 24' Cplg Bands @ all Joints

SB 1240+50 New 30" x 78" CMP CMAOP, 16 ga or ACCGMP, 14 ga w/ 1 - 25° Elb & 24' Cplg Bands @ all Joints

SB 1241+30 New 28" x 82" ACCGMP, 14 ga w/ 1 - 20° Elb & 24' Cplg Bands @ all Joints

SB 1241+00 Lt New 19' - 5" x 86" CMP CMAOP, 16 ga w/ 1 - 10° & 1 - 20° Elb. & 24' Cplg Bands @ all Joints

SB 1243+50 New 19' - 5" x 86" ACCGMP, 16 ga w/ 1 - 25° Elb & 24' Cplg Bands @ all Joints

NB 1245+50 New 19' - 5" x 86" ACCGMP, 16 ga

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DONALTON-BETHEL-DANDO DN L 189-1(9)(11)

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