INDEX OF SHEETS

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

INTERSTATE FEDERAL SECONDARY STATE PROJECT

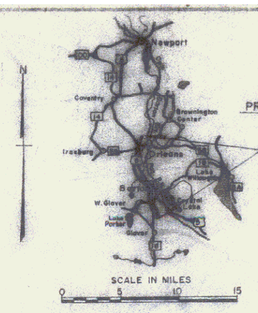
BARTON-IRASBURG

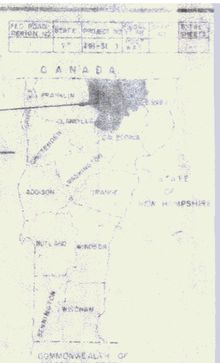
COUNTY OF ORLEANS

INTERSTATE ROUTE 91

ST. JOHNSBURY-NEWPORT ROAD

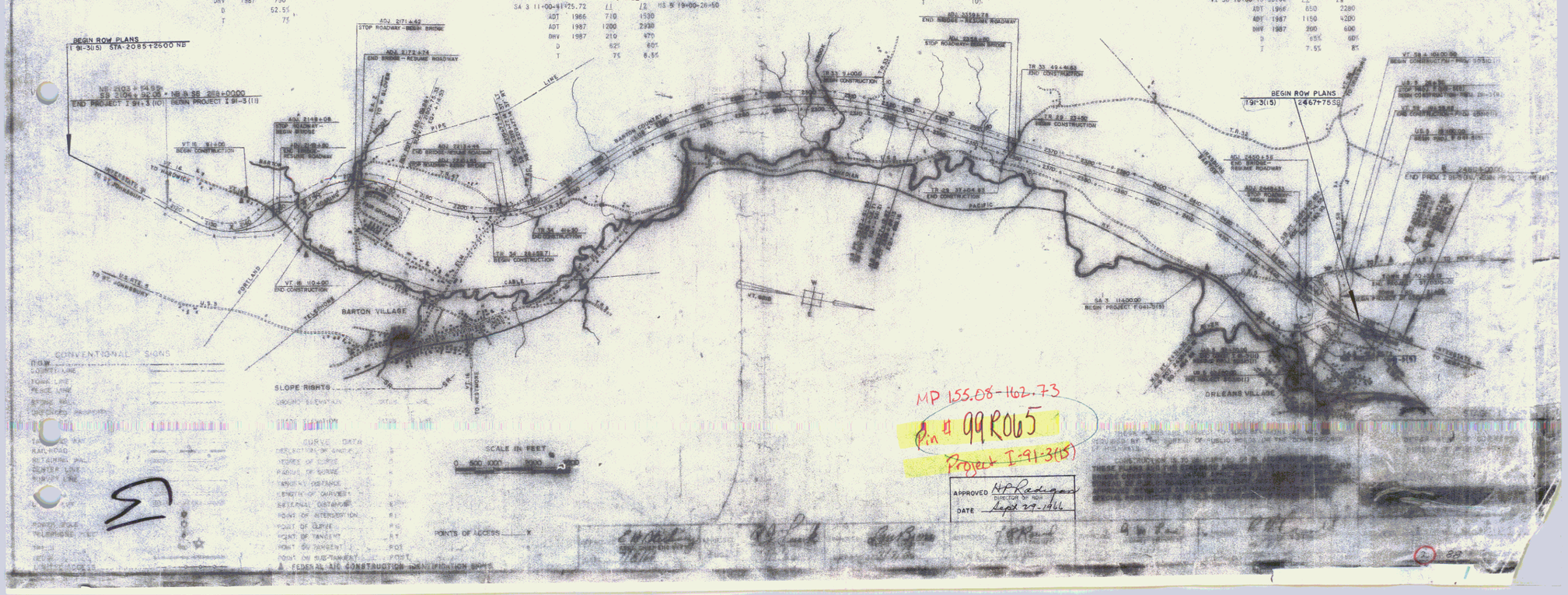
COMPOSITE





I 91-3(11)	F 041-5(5)	ST 0310-01	S 0310(1)
Beginning at a point approximately 6.339 miles southerly of the Barton-Irasburg Town Line and extending northerly 6.646 miles.	Section I, Beginning at a point on existing U.S. Rte. 5 approximately 0.620 mile southerly of the Barton-Irasburg Town Line and extending northerly 0.573 mile. Section II, beginning at a point on existing U.S. Rte. 5 approximately 0.327 mile northerly of the Barton-Irasburg Town Line and extending southerly 0.192 mile.	Beginning at a point on existing Vt. 58 approximately 0.180 mile easterly of the present junction of Vt. 58 and U.S. 5, and extending westerly 0.181 mile.	Section I, beginning at a point on existing Vt. Rte. 58 approximately 0.198 mile westerly of the present junction of Vt. 58 and U.S. 5 and extending easterly 0.371 mile. Section II, beginning at a point approximately 0.327 mile easterly of the Barton-Irasburg Town Line and extending easterly 0.181 mile.
Length of Roadway 34,223.67 feet = 6.482 miles Length of Bridges 866.00 feet = 0.164 mile Length of Project 35600.99 FEET=6.743 MILES	Length of Roadway 3,775.72 feet = 0.715 mile LENGTH OF PROJECT 4026 FEET = 0.763 MILE SECTION I 3300 FEET=0.587I MILES Section II 926 FEET= 0.1753 MILES	Length of Roadway 956.01 feet = 0.181 mile LENGTH OF PROJECT 954 FEET=0.181 MILE	Length of Roadway 2,808.87 feet = 0.532 mile Length of Project 2146 FEET=0.406 MILE. Section I 1020 FEET = 0.193 MILE Section II 1126 FEET=0.213 MILE
ADT 1966 2080 ADT 1987 4960 DHV 1987 750 D 52.5% T 7%	SA 3 11+00-91+25.72 L1 L2 NB & SB 19+00-28+50 ADT 1966 710 1530 ADT 1987 1200 2930 DHV 1987 210 470 D 62% 60% T 7% 8.5%	ADT 1966 20 ADT 1987 30 DHV 1987 10 D 70% T 10%	Vt 58 10+00-19+50.82 L1 L2 ADT 1966 850 2280 ADT 1987 1150 4200 DHV 1987 200 600 D 65% 60% T 7.5% 8%

RIGHT-OF-WAY PLANS



CONVENTIONAL SIGNS

R.O.W.
COUNTY LINE
TOWN LINE
FENCE LINE
BRIDGE
BUILDING
CEMETERY
CHURCH
RAILROAD
RETAINING WALL
CENTER LINE
R.O.W. LINE
POWER LINE
TELEPHONE LINE
WELL
DRIVEWAY ACCESS
SLOPE RIGHTS
GROUND ELEVATION
CURVE DATA
DEFLECTION OF ANGLE
DEGREE OF CURVE
RADIUS OF CURVE
MIDDLE ORDINATE DISTANCE
LENGTH OF CURVE
EXTERNAL DISTANCE
POINT OF INTERSECTION
POINT OF CURVE
POINT OF TANGENT
POINT ON TANGENT
POINT ON SUB-TANGENT
POINTS OF ACCESS
A FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS

MP 155.08-162.73
Pin # 99R065
Project I-91-3(15)

APPROVED [signature] DIRECTOR OF ROW
DATE Sept 27-1966

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

GRANTOR	SHEET NO.	PARCEL NO.
A		
ANNIS,GERALD E.& HAZEL T.(H&W)	29	11
ANNIS,GERALD E.&HAZEL T.(H&W)LESSEE	28,29	10
AUGER,JEAN CLAUDE& JENETTE F.(H&W)	24	2
B		
BARTON COUNTY CLUB(LESSEE)	33,34	20
BARTON, TOWN OF	29,31	28
	38,44	
	32	
BARTON, TOWN OF(LESSOR)	44	31
BARTON, TOWN OF(LESSOR)	44	32
BARTON, TOWN OF(LESSOR)	27,29	12
BARTON, TOWN OF(LESSOR)	25,28	9
BARTON, TOWN OF(LESSOR)	28,29	10
BARTON, TOWN OF(LESSOR)	25-28	7
BARTON, TOWN OF(LESSOR)	25	8
BARTON, TOWN OF(LESSOR)	29	13
BARTON VILLAGE INC.(LESSEE)	25,28	9
BOUDREAU,WILLIE J.	48	37
BOUDREAU,WILLIE J.& JEANE LOUIS	38-43	27
BRUNEAU,JEANNINE(LESSEE)	25	8
BUTLER,ARLAND A.& JANICE K.	44	46
C		
ARON,HAROLD J.& MILDRED W.(H&W)	51	42
CARPENTER,BERTHA R.	31	15
CHURCHILL,STANWOOD B.&ELEANOR H.	45,46	33
COLTON,J. MALCOM	46-48	34
CONLEY,HOWARD	37	23
CURTIS,NELSON L.&GERTRUDE M.(H&W)	50	40
D		
DOYLE,PAUL P.&GENIE G.	44,45	45
DOYON,NELSON L.& ALBERTA C.(H&W)	39,40	29
	43-45	
DURSHARME,GERALD E.& ANGELE(H&W)	21-24	1
E		

GRANTOR	SHEET NO.	PARCEL NO.
F		
FISK,WILLIAM O.	34-37	21
FOSS,STANLEY A.&WILMA E.(H&W)	31-33	18
G		
GOSSLIN,MATHIAS O.&BLANDINE(H&W)	37,38	24
	41	
H		
HANSON ESTATE,MERRICK W.	29-31	14
EDWARD ALEXANDER-EXECUTOR		
HANSON ESTATE,MERRICK W.(LESSEE)	25-28	7
HOULE,DONAT&GISELE	40	44
I		
J		

GRANTOR	SHEET NO.	PARCEL NO.
K		
KINSEY,ROBERT E.&EUNICE(H&W)	31-33	18
L		
LAFOE,RAYMOND E.&NAOMI(H&W)	47	35
LAFOE,RAYMOND E.&NAOMI(H&W)LESSEE	47,48	36
LAKE REGION UNION HIGH SCHOOL	43-45	30
LAKE REGION UNION HIGH SCHOOL(LESSEE)	44	31
LANOUE,OLIVA&ANNA(H&W)	38,41	26
LAROSE,CARL F.&EVELYN	31	16
LEBLANC,GABRIEL G.&JEANNE M.(H&W)	37,38	25
	41	
LEROUX,CLOVIS&IRENE(H&W)	24	3
LOCKE,MARCEL M.&PAULINE P.(H&W)	51	41
M		
N		
O		
ORLEANS COUNTY FAIR INC.(LESSEE)	29	13
OWEN;BRUCE N.,HARRY D. JR.,DAVID R.,	32	19
MILO J.,ROBERT H.,WILLIAM A.&PENELOPE		

GRANTOR	SHEET NO.	PARCEL NO.
P		
PERRON,NORMAN	36,37	22
Q		
R		
ROYER,PHILIP C.	45-48	34
ROYER,PHILIP C.&BERNADETTE K.(H&W)	49-53	39
ROYER,PHILIP C.&BERNADETTE K.(H&W) LESSEE	48,49	38
S		
SIMONS,OLIN G.&MARION E.(H&W)	24-27	4
SIMONS,OLIN G&MARION E.(H&W)LESSEE	27,29	12
T		

GRANTOR	SHEET NO.	PARCEL NO.
U		
UNIVERSITY OF VERMONT(LESSOR)	47,48	36
UNIVERSITY OF VERMONT(LESSOR)	48,49	38
V		
VERGE,ALBERT L.&GEORGETTE H.	51	43
VEZINA,AMRI&BEATRICE J.(H&W)	31-34	17
VEZINA,ARMI&BEATRICE J.(H&W)LESSOR	33,34	20
W		
WAKEMAN,ALBERT R. JR.&ALDA F.(H&W)	25,26	6
WHITTEMORE,CLAUDE W.&MARGUERITE(H&W) LESSEE	44	32
X		
Y		
Z		

MADE BY: R.L.S. DATE 4-28-69

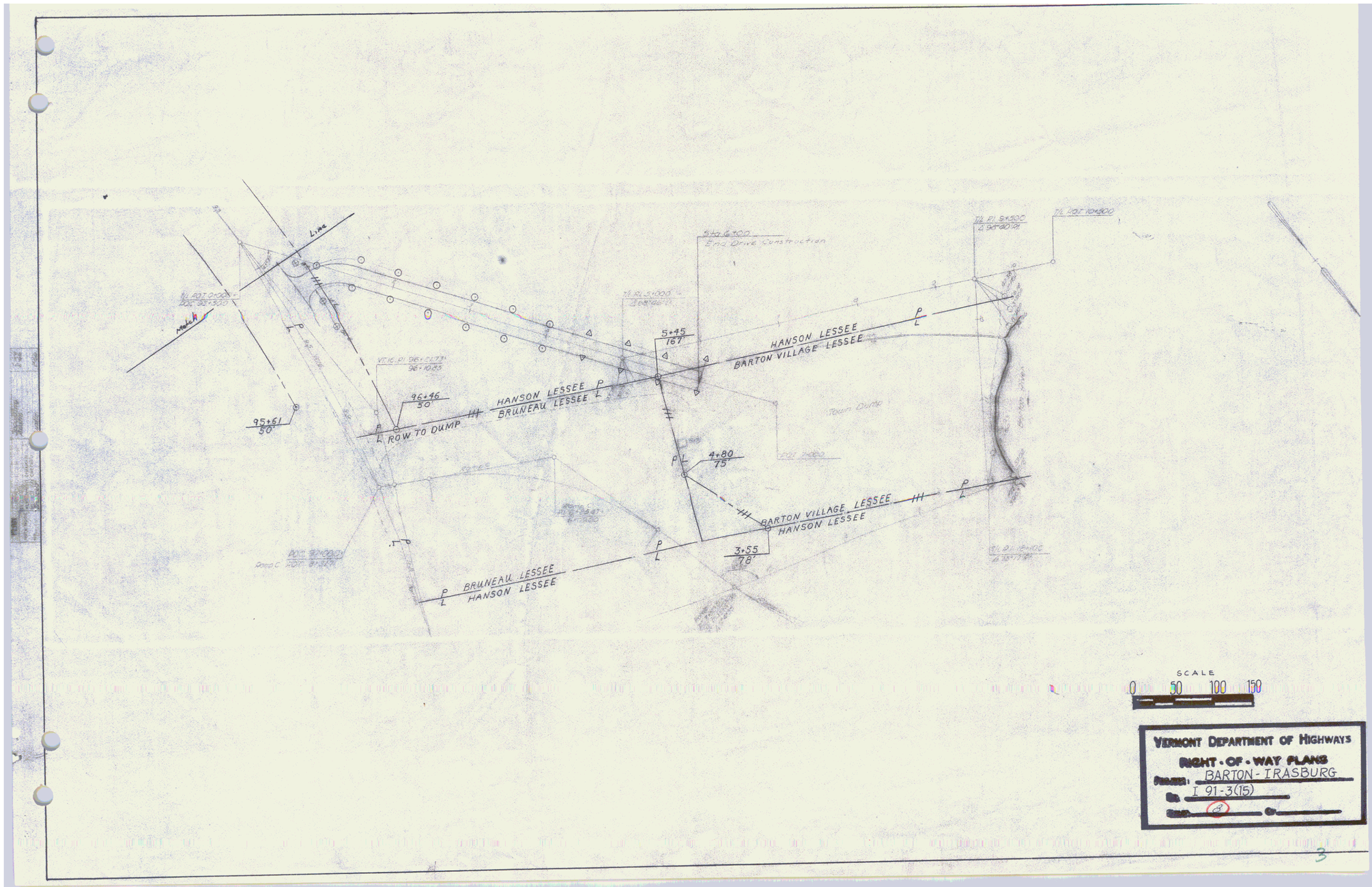
CHECKED BY: [illegible] DATE 4-29-69

PROJECT BARTON-IRASBURG

NO. I 91-3(15)

SHEET 8A OF 88

2


Line
Match
96+46
50'
95+61
50'
L ROW TO DUMP
HANSON LESSEE
BRUNEAU LESSEE
5+45
167'
HANSON LESSEE
BARTON VILLAGE LESSEE
Town Dump
4+80
75'
BARTON VILLAGE LESSEE
HANSON LESSEE
3+55
78'
BRUNEAU LESSEE
HANSON LESSEE
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON - IRASBURG
I 91-3(15)
3

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
1	DUCHARME, GERARD E. & ANGELE (H&W)	21-24	2085+26 NB.	2123+14 SB.	2.79 A	97.1 A		FEE WD	6-24-68	BARTON	55	96	
		21-24	2085+26 NB.	2122+16 NB.									LOSS OF ACCESS (5.8 OA)
		21	2093+50 Rt.				DRAINAGE (P)						
		21	2097+00 Rt.				DRAINAGE (P)						
		21	2098+30 Rt.				DRAINAGE (P)						
		22	2102+00 Rt.				DRAINAGE (P)						
		23	2116+00 Rt.				DRAINAGE (P)						
		23	2120+00 Rt.				DRAINAGE (P)						
		24	2122+50 Rt.				DRAINAGE (P)						
2	AUGER, JEAN CLAUDE & JEANETTE F. (H&W)	24	2122+50 NB.				SPRING (P)						
3	LEROUX, CLOVIS & IRENE (H&W)	24	2122+50 NB.				SPRING (P)						
4A	SIMONS, OLIN G. & MARION E. (H&W)	24,25	2122+16 NB.	106+50 Rt. New	40.0 A	213.25 A		FEE COND	6-2-68	BARTON	55	110 116	SUGAR HO. & 2 SPRINGS
		24	2125+00 Rt.				DRAINAGE (P)						
		24	2128+00 Lt.				DRAINAGE (P)						
		24	2130+00 Rt.				DRAINAGE (P)						
		25	2138+50 Rt.				DRAINAGE (P)						
		25,27	04+00 Prim. Rd.	106+00 Prim. Rd.			Slope (4:1 OO°) (T)						
B		25	6+94 RMP B-Rt.	95+61 Prim. Rd.	0.8 A								

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	51	Parcel #33 Change of ownership per Change Order #783	7-26-67	NLB	
2	45,46	Parcel #43 Change of Title per Change Order # 790	7-26-67	NLB	
3	26	Delete Parcel #5 per Change Order No. 812 and add to Parcel # 7c	8-18-67	NLB	
4	12 & Def. N	Parcel No 13, Change of % Reduce remainder 3.8 A±, per Change Order No. 818	8-22-67		
5	47	Parcel #35 Reduce Remainder from 12.7 A± to 8.7 A± because of Sale of remaining Property per Change Order #866	10-27-67	M.A.R.	
6		Parcel #39 Area of take aforesaid as 0.554 A per CO # 859	11-14-67	LWB	
7	40	New parcel #44 added to plans per C.O. # 857	11-14-67	LWB	
8		Parcel #11 Change total area to 148.0 A± per CO # 868	11-15-67	LWB	
9	45	New parcel #45 Duffe added to plans per CO # 891	11-15-67	LWB	
10	44	New parcel #46 Butler added to plans per C.O. #892	11-15-67	LWB	
11		Parcel #17 Total Acreage Changed to 342.2 Acres. Remainder Changed to 307.7 Acres Per Change Order #884	11-22-67	JAB	
12		Parcel #27 Total Acreage Changed from 140 A to 330 A. Due to Addition of Roberts' Farm - 190 A Per Change Order #881	11/22/67	JAB	
13	33,34	Changed Property Lines on Parcels 17 and 20 as per Change Order # 911	12-11-67	T.A.M.	
14		Parcel 14 Change in title per Change Order 967	1-24-68	M.H.M.	TMG
15	31	PARCEL #16 ADDED WIFES NAME TO PLANS PER CHANGE ORDER # 1024	3-13-68	R.L.A.	

LEGEND

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

MADE BY R.A.C. DATE 9-23-66
CHECKED BY K.B.D. DATE 10-6-66

APPROVED _____ CHIEF OF ACQUISITION DATE 10-10-68
APPROVED _____ DIRECTOR OF PLANNING DATE 10-10-68
APPROVED _____ A.S.C.E. DATE 10-10-68

PROJECT BARTON - CRAFTSBURY
NO. I 91-3(15)
SHEET 9 OF

4

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
4C	SIMONS, OLIN G. (CONT.)	27	106+50 RTE 16	112+50 RTE 16	0.7A								
		27	106+50 RTE 16	108+00 RTE 16 RT			SLOPE (850°) (T)						
D		26	89+50 RTE 16	91+73 RTE 16	0.25A								
5	DELETED												
6A	WAKEMAN JR., ALBERT P. & ALDA F. (H&W)	25	2138+65 BL	6+94 RMP B	0.25A	NONE		FEE WD	6-1-68	BARTON	55	80	
		25	6+94 RMP B	94+50 RTE 16			R, T & I IN R.O.W.						
		25	2138+50 BL				DRAINAGE (P)						
		25	2+00 RMP A RT				SPRING (P)						
B		25-26	92+00 RTE 16	94+50 RTE 16	0.29A								
		25	2+30 RMP A LT				SPRING (P)						
C		25-26	9+50 RMP B	94+50 RTE 16	3.46 A								
7A	TOWN OF BARTON (LESSOR) MERRICK W. HANSON ESTATE (LESSEE)	25,28	98+46 RTE 16	2156+93	9.1 A	36A±	SLOPE (1750°) (T)	FEE COND	6-26-68	BARTON	55	110 116	HOUSE, BARN NON-PARTICIPATING PARCEL
		27	106+00	107+50 RTE 16 LT			DRAINAGE (P)						
		27	107+50 RTE 16 LT				DITCH (P)						
		27	107+50 RTE 16 LT				DRAINAGE (P)						
		25	2+50 RMP C RT				CHANNEL (P)						
		28	2156+00 RT.										
B		25-26	92+00 RTE 16	96+46 RTE 16	0.5 A								
		25-26	93+00	96+46 RTE 16 LT			SLOPE (2600°) (T)						
C		26	89+50 RTE 16	92+00 RTE 16	0.28 A								
D		27	106+50 RTE 16	107+50 RTE 16	0.12 A								

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
16		PARCELS #7 & 14 CHANGE IN TITLE #7 REMOVED WIFE'S NAME FROM PLANS, PARCEL #14 CHANGE OF TITLE FROM GRACE HANSON TO MERRICK W. HANSON ESTATE & EDWARD ALEXANDER AS EXECUTOR PER CHANGE ORDER #1030	3-18-68	R.E.D.	
17	44	Parcel #46 eliminated drainage Right Sta. 22+84 ± 23+00 added drive Right at Sta. 22+75 - 24+00 per Change Order #1039	3-29-68	M.A.R.	
18	45	Parcel #45 added drainage to Detail Sheet at Sta. 2365+00 per Change Order #1045	3-29-68	M.A.R.	
19	17	Parcel #30A Added Ditch Right To Detail Sheet at Sta. 25+50-26+50 Reduced Taking on Parcel #30B To 1.0A± Changed Remainder To 192A± Per Change Order #1101	5-3-68	W.J.M.	
20	25	PARCEL #8B ADDED R.T.I. TO DETAIL SHEET, PARCEL #9B ADDED TO PLANS PER CHANGE ORDER #1119	5-7-68	R.E.D.	
21	27	PARCEL #7 REVISED DRAINAGE FROM 38' TO 60' OFF CENTER LINE PER CHANGE ORDER #1118	5-7-68	R.E.D.	
22		PARCEL #12A ADDED DRAINAGE & DITCHING TO DETAIL SHEET AT STA. 107+50 AND 110+35 RT PER CHANGE ORDER #1125	5-9-68	R.E.D.	
23	39 & 40	Parcel #24B Changed Taking Line Thus Reducing The Taking And Increasing The Remainder Per Change Order #1183	6-12-68	W.J.M.	

LEGEND

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

MADE BY: R.E.D. DATE: 9-29-67
CHECKED BY: E.G.S. DATE: 10-6-67

APPROVED: _____ CHIEF OF ADJUSTMENT DATE: _____
APPROVED: _____ DIRECTOR OF PLANNING DATE: _____
APPROVED: _____ CHIEF ENGINEER DATE: _____

PROJECT BARTON - IRASBURG
NO. I 91-3(15)
SHEET 10 OF 26

5

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
8	TOWN OF BARTON (LESSOR) & JEANNINE BRUNEAU (LESSEE)	25	96+33 RTE 16	4+16 RAMP C	1.8 A	NONE		FEE COND	6-26-68	BARTON	55	110 116	
9A	TOWN OF BARTON (LESSOR)	25	4+80 RAMP C	3+54 RAMP C	3100'	3.0 A		FEE COND	6-26-68	BARTON	55	110 116	LOSS OF ACCESS (3.0A±)
	BARTON VILLAGE INC. (LESSEE)	25,28	5+45 RAMP C	2156+29 BL									
		28	2156+00 LT				CHANNEL (P)						
8		25	96+50 RTE 16	5+43 RAMP C			ALL R.T.I. IN'S TO ROW (P)						
10	TOWN OF BARTON (LESSOR)	28-29	2156+12 BL	2172+17 BL	14.0 A	34.0A		FEE COND	6-18-68	BARTON	55	110 116	HO, BARN & 2 HEN HOUSES
	GERALD E. ANNIS & HAZEL T. ANNIS (H&W) (LESSEE)	28	2157+00 RT				DRAINAGE (P)						
		28	2158+00 RT				DRAINAGE (P)						
		28	2159+50 RT				DRAINAGE (P)						
		28	2161+00 LT				DRAINAGE (P)						
		28	2164+50 RT				DRAINAGE (P)						
		28	2164+50 LT				DRAINAGE (P)						
		28	2165+00 RT				DRAINAGE (P)						
		28	2167+50 RT				DRAINAGE (P)						
		28-29	2168+50 RT	2169+05 INCH			CHANNEL (P)						
		28-29	2156+93 LT	2171+16 LT									LOSS OF ACCESS (2.75A±)
		28-29	2156+12 RT	2169+05 RT									LOSS OF ACCESS (6.5A±)
11A	GERALD E. ANNIS & HAZEL T. ANNIS (H&W)	29	2171+16 BL	2172+33 BL	0.12 A	111.08A		FEE COND	6-18-68	BARTON	55	110 116	
B		29	2171+16	154+50	0.8A±								
12A	TOWN OF BARTON (LESSOR)	27	107+50 VT RTE 5	112+50 VT RTE 5	0.60 A±	54.38A±		FEE COND	6-18-68	BARTON	55	110 116	
	GLEN G. SIMONS & MARION E. SIMONS (H&W) (LESSEE)	27	107+50 VT RTE				DRAINAGE & DITCH						
		27	110+35 VT RTE				DRAINAGE & DITCH						
B		29	2169+05 RT	2171+88 RT	0.55 A								
		29	2169+05	2170+00 INCH			CHANNEL (P)						
C		29	147+02	2171+75	2400'								

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
24	31,20, Dg N	Parcel # 47 Added. Two Springs At Stations @ 2208+40 Rt. And @ 2209+75 Rt. Per Change Order # 1656.	8-5-70	K.M.D.	J.F.M.
25	9,24 25,26	Deleted Area To Be Acquired For Maintenance Area On Simons' Land Per Change Order # 1639	8-10-70	W.J.M	
26	20	Project: Added Highway Openings Per Change Order # 2714	11/5/73	KMD	T.C.C.

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
- P.L. PROPERTY LINE
- TOP OF CUT
- T.S. TOE OF SLOPE

BY S.R. DATE 8-28-68

CHECKED BY E.B. DATE 10-6-68

APPROVED [illegible] DATE 10-24-68 CHIEF OF ADJUSTMENTS

APPROVED [illegible] DATE 10-31-68 CHIEF ENGINEER

APPROVED [illegible] DATE 6-7-[illegible] STATE HIGHWAY ENGINEER

PROJECT BARTON - RAISB(13)

NO. F 91 - 3(15)

SHEET 11 OF 22

6

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
13A	TOWN OF BARTON LESSOR ORLEANS COUNTY FAIR INC. LESSEE	29	2171+75 BL	2177+70 BL	1.9 A	26.2A		FEE WD	6-3-68	BARTON	55	110 116	2 FAIR BLDGS.
B		29	147+05	2172+12	3000±								
14	MERRICK W. HANSON ESTATE (EDWARD ALEXANDER-EXECUTOR)	29-31	2172+17 BL	2213+73 BL	37.2 A	164.56A±		FEE COND	6-26-68	BARTON	55	110 116	SLAUGHTER HOUSE
		29	2184+00 RT				DRAINAGE (P)						
		30	2191+00 RT				DRAINAGE (P)						
		30	2195+00 RT				DRAINAGE (P)						
		30	2198+50 RT				DRAINAGE (P)						
		31	2202+00 RT				DRAINAGE (P)						
		31	2204+75 RT				DRAINAGE (P)						
		31	2205+50 RT				DRAINAGE (P)						
		31	2208+50 RT				DRAINAGE (P)						
		31	2204+0.7				WATER PIPE CROSS'G (P)						
B.		29	2172+33	154+25	.24 A								
15	BERTHA R. CARPENTER	31	2209+77 BL	2212+11 BL	0.5 A	NONE		FEE WD	5-7-68	BARTON	55	30	HOUSE & GARAGE
16	CARL F. & EVELYN LAROSE	31	2211+11 BL	2213+74 BL	0.7 A	NONE		FEE COND	6-26-68	BARTON	55	110 116	HOUSE & GARAGE
17A	AMRI E. VEZINA &	31-32	30+00 TR 34	39+34 TR 34	4.1 A	249.8A±		FEE COND	6-26-68	BARTON	55	110 116	BARN & SHED
B	BEATRICE J. VEZINA (H&W)	31-32	2209+10 RT	41+50 TR 34	2.8 A								
		31	31+90 TR 34 RT				DRAINAGE (P)						
		31	34+45 TR 34 RT				DRAINAGE (P)						
		31	36+98 TR 34 RT				DRAINAGE (P)						
		31	29+11 LT.				DRAINAGE (P)						
C		33	2243+50 NWBT	2247+49 SPLIT	3.8 A		WATERLINE CROSSING (P)						
		33	2241+00 NB (APPROX.)										

TABLE OF REVISIONS

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

MADE BY S.R. DATE 8-26-66

CHECKED BY E.A. DATE 10-6-66

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

APPROVED Thomas C. Hunsaker CHIEF OF ACQUISITION DATE 10-6-66

APPROVED Arden W. Kane HIGHWAY ENGINEER DATE 10-5-66

APPROVED [illegible] ROW DIRECTOR DATE 10-21-66

PROJECT BARTON TRANSLITE

NO. 191 3(15)

SHEET 12 OF 22

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
17D	VEZINA (CONTINUED)	34	2254+65 SBLT	2264+45 NBRT	11.5A								SHED
		34	2262+50 NBRT				DRAINAGE (P)						
		34	2263+50 NBRT				DRAINAGE (P)						
		34	2259+50 NBRT				DRAINAGE (P)						
		33-34	2244+10 SB	2262+44 SBLT									LOSS OF ACCESS (89.6A)
18A	STANLEY A. FOSS & WILMA E. FOSS (H&W) ROBERT E. KINSEY & EUNICE KINSEY (H&W)	31-33	2213+73 SB	2244+10 SB	31.8A	68.6A		FEE COND	6-26-68	BARTON	55	110 116	
		32	2223+00 NBRT				DRAINAGE (P)						
		32	2226+00 NBRT				DRAINAGE (P)						
		32	2229+72 NBRT				DRAINAGE (P)						
		32	2232+25 NBRT				DRAINAGE (P)						
		33	2235+50 NBRT				DRAINAGE (P)						
		33	2239+25 NBRT				DRAINAGE (P)						
		33	2239+50 NBRT				DRAINAGE (P)						
		33	2242+00 NBRT				DRAINAGE (P)						
		33	2242+40 NBRT				DRAINAGE (P)						
		32-33	2231+04 SB	2244+10 SB									LOSS OF ACCESS (16.6A)
B		32	39+34 TR 36	43+00 TR 34	0.6A								
		33	2240+50 NB APPROX				WATER LINE CROSSING (P)						
19	BRUCE N. OWEN, HARRY D. OWEN JR., DAVID R. OWEN, MILO J. OWEN, ROBERT H. OWEN, WILLIAM A. OWEN, PENELOPE OWEN	32	2228+44 SB	2231+04 SB	0.4A	340.6A		FEE WD	6-3-68	BARTON	55	110 116	
20	AMRI E VEZINA & BEATRICE J. VEZINA (H&W) LESSOR BARTON COUNTRY CLUB LESSEE	33-34	2246+64 SBLT	2257+55 NBRT	12.3A	56.7A		FEE COND	6-26-68	BARTON	55	110 116	
		33	2248+00 SBLT				DRAINAGE (P)						
		34	2250+00 NBRT				DRAINAGE (P)						
		34	2253+50 NBLT				DRAINAGE (P)						
		34	2256+00 NBRT				DRAINAGE (P)						
		33-34	2246+64 SBLT	2254+65 SBLT									LOSS OF ACCESS (80A)

TABLE OF REVISIONS

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

MADE BY: F.R. DATE 9-27-66

CHECKED BY: E.E. DATE 10-6-66

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

APPROVED: Warren E. Kinsley, CHIEF OF ACQUISITION, DATE 12-1-66

APPROVED: Gordon M. Kent, HIGHWAY ENGINEER, DATE 10-13-66

APPROVED: [illegible], R.O.W. DIRECTOR, DATE 10-22-66

PROJECT BARTON - IRASQUEC

NO. I 91-3(13)

SHEET 13 OF 84

8

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
21	WILLIAM O. FISK	34-37	2262+44 SB	2308+67 SB	54.2 A	175.8 A		FEE WD	5-7-68	BARTON	55	59	
		35	2270+50 NB RT				DRAINAGE (P)						
		36	2282+00 NB RT				DRAINAGE (P)						
		36	2282+00 NB RT				CULVERT (P)						
		36	2287+00 NB RT				DRAINAGE (P)						
		36	2290+75 NB RT				DRAINAGE (P)						
		36	2292+00 NB RT				DRAINAGE (P)						
		37	2298+50 NB RT				DRAINAGE (P)						
		37	2304+50 NB RT				DRAINAGE (P)						
		34-36	2262+44 SB	2292+28 SB									LOSS OF ACCESS (95 A)
22	NORMAN PERRON	36-37	2292+28 SB	2305+05 SB	7.5 A	15.5 A		FEE COND	6-26-68	BARTON	55	110 116	
		37	2305+00 NB RT				CHANNEL (P)						
		36-37	2292+28 SB	2305+05 SB									LOSS OF ACCESS (15.5 A)
		36	2292+00 NB				RT ℄ 1 TO ROW						
23	HOWARD CONLEY	37	2304+34 NB	2308+44 NB	1.5 A	11.5 A		FEE WD	10-11-68	BARTON	55	158	
		37	2304+50 NB RT				DRAINAGE (P)						
		37	2307+50 NB RT				DRAINAGE (P)						
		37	2308+80 NB RT				CHANNEL (P)						
24 A	MATHIAS O. GOSSELIN & BLANDINE GOSSELIN (H&W)	37	2305+05 SB	2311+10 SB	2.8 A	212.2 A		FEE COND	6-26-68	BARTON	55	110 116	
B		38,41	7+50 FR	14+08 FR	1.0 A								
		38	2317+53 SB	14+08 FR			RT ℄ 1 TO R.O.W.						

TABLE OF REVISIONS

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

MAP S R DATE 9-27-66

CHECKED BY: CAB DATE 10-6-66

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
- PL PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

APPROVED Thomas C. Tinnaty CHIEF OF ACQUISITION DATE 10-12-66

APPROVED Gordon H. Paul HIGHWAY ENGINEER DATE 10-13-66

APPROVED H.P. Reed ROW DIRECTOR DATE 10-27-66

PROJECT BARTON-IRASBURG

NO. I 91-1(15)

SHEET 14 OF 22

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
25A	GABRIEL G. LE BLANC	37-38	2308+14 SB	2320+06 NB	12.7 A	272.9A		FEE COND	6-26-68	BARTON	55	110 116	
	M. JEANNE LE BLANC (H&W)	37	2308+25 NB RT				CHANNEL (P)						
		38	2318+50 NB RT				DRAINAGE (P)						
		38	2320+68 NB RT				DRAINAGE (P)						
B		41	7+50 FR	11+21 FR	0.4 A								
		38	2322+50 NB				WATER LINE CROSS'G (P)						
26A	OLIVA LANOUE	38	2315+38 SB	18+22 FR	6.2 A	2.2 A		FEE WD	5-7-68	BARTON	55	53	HO. BARN 3 SPRINGS
	ANNA LANOUE (H&W)												
B		38-41	13+17 FR	19+05 FR	1.2A								
27A	WILLIE J. BOUDREAU	38-40	2318+94 NB	35+36 FR	19.2 A	116.9 A ~~306.9A~~		FEE COND	6-28-68	BARTON	55	110 116	
	JEAN LOUIS BOUDREAU	38	2320+68 NB RT				DRAINAGE (P)						
		38	2321+00 NB RT				DRAINAGE (P)						
		38	2323+00 NB RT				DRAINAGE (P)						
		38	2325+00 NB RT				DRAINAGE (P)						
		38	2325+26 NB RT				DRAINAGE (P)						
		38	2327+00 NB RT				DRAINAGE (P)						
		39	2335+50 NB RT				DRAINAGE (P)						
		39	2336+00 NB RT				DRAINAGE (P)						
		39	2338+00 NB RT				DRAINAGE (P)						
		39	2340+00 NB RT				DRAINAGE (P)						
		39	2342+50 NB RT				DRAINAGE (P)						
		39	2339+50 NB				WATER LINE CROSSING (P)						
B		38-43	18+22 FR	35+81 FR	3.9 A								
		41	19+50 FR RT				DRAINAGE (P)						
		42	23+00 FR RT				DRAINAGE (P)						
		42	27+00 FR RT				DRAINAGE (P)						
		42	30+50				DRAINAGE (P)						
		42	30+50 FR RT				DRAINAGE (P)						
		42	27+00 FR RT				CULVERT (P)						
		42	30+50 FR RT				CULVERT (P)						
		41-42	21+50 FR	27+00 FR RT			SLOPE (7400#) (T)						

TABLE OF REVISIONS

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

MAP S.R. DATE 9-27-66

CHECKED BY: EB DATE 10-6-66

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
- P/L PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

APPROVED Thomas C. Kimball DATE 10-10-66
CHIEF OF ACQUISITION

APPROVED Robert M. Lee DATE 10-13-66
HIGHWAY ENGINEER

APPROVED [illegible] DATE 10-13-66
R.O.W. DIRECTOR

PROJECT BARTON IRASBURG
NO. I 91-2(10)
SHEET 15 OF 42

10

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
27B	BOUDREAU (CONTINUED)	42	28+50 FR	29+50 LT			SLOPE (650°)(T)						
		42	31+50 FR	33+75 LT			SLOPE (1750°)(T)						
		43	35+70 FR	35+84 LT			SLOPE (100°)(T)						
		42	25+50 FR	26+25 RT			SLOPE (200°)(T)						
		42	26+60 FR	28+25 RT			SLOPE (2400°)(T)						
		42	30+40 FR	31+10 RT			SLOPE (400°)(T)						
		42	31+90 FR	33+00 RT			SLOPE (1750°)(T)						
		42	26+35 FR				WATER LINE CROSSING (P)						
28	TOWN OF BARTON	40,44	2358+50 NB RT	30+27 TR 29			ALL RT.&I. TO TR. 29	FEE COND	6-26-68	BARTON	55	110 116	
		38	2313+75 NB RT	2317+53 SB LT			ALL R.T.&I. TO TR 33						
		38-43	2318+94 NB	35+36 FR			ALL R.T.&I. TO R.O.W.						
		29	2171+75	2172+33 BL			ALL RT.&I. TO S.A. 2						
		31	2209+77	2216+25 BL			ALL R.T.&I. TO TR 40						
		31	2210+35	2213+73 BL			ALL RT.&I. TO TR 47						
		31-32	2213+73 BL	39+34 TR 34			ALL RT.&I. TO TR 34						
29A	NELSON L. DOYON ALBERTA C. DOYON (H.&W.)	39-40 43-45	2342+66 NB	2374+85 SB	30.0 A	61.6 A		FEE WD	6-6-68	BARTON	55	75 76	
		39	2342+50 NB RT				DRAINAGE (P)						
		40	2345+50 NB RT				DRAINAGE (P)						
		40	2349+00 NB RT				TEMP. EASEMENT TO REMOVE BARN						
		40,44	2357+89 NB RT				DRAINAGE (P)						
B		40,43	35+36 FR	45+02 FR	2.0 A								
		43	35+81 FR	36+90 FR LT			SLOPE (1750°)(T)						
		43	38+50 FR LT				CULVERT (P)						
		43	40+00 FR	42+25 FR			SLOPE (3640°)(T)						

TABLE OF REVISIONS

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

MADE BY: S.R. DATE: 9-27-66

CHECKED BY: LB DATE: 10-6-66

LEGEND

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

APPROVED: Thomas E. Kennedy DATE: 10-10-66
CHIEF OF ACQUISITION

APPROVED: Gordon M. Lewis DATE: 10-13-66
HIGHWAY ENGINEER

APPROVED: [illegible] DATE: 10-27-66
R.O.W. DIRECTOR

PROJECT: BARTON - IRAP BWPG

NO. F 91 - 3(13)

SHEET 10 OF 83

11

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
	DOYON (CONTINUED)												
C		44	22+80 PT RT PROJ CT	30+27 PT RT & BL LT	0.5 A								
D		40	2344+10 SB				WATER PIPE CROSSING (P)						
		40.44	2357+68 NB	2358+75 NB	1.6 A								
		40.44	37+71 TR29 RT				DRAINAGE (P)						
		40.44	37+71 TR29 RT				CULVERT (P)						
		44	36+75 TR29 LT				DRAINAGE (P)						
30A	LAKE REGION UNION HIGH SCHOOL	43-44	43+20 PR	22+81 TR 29	1.8 A	19.2 A		FEE W/D	8-13-68	BARTON	55	139	
		43	43+50 PR LT	44+30 PR LT			SLOPE (900°) (T)						
		44	29+39 PR LT	22+83 TR 29 RT			SLOPE (11326°) (T)						
		44	26+50	25+50			Ditch						
B		43-45	45+02 FR	30+27 TR 29	1.0 A								
31	TOWN OF BARTON LESSOR LAKE REGION UNION HIGH SCHOOL LESSEE	44	22+81 TR 29	20+00 TR 29	0.2 A	34.8 A		FEE COND	6-26-68	BARTON	55	110 116	
		44	22+81 TR 29 RT	20+40 TR 29 RT			SLOPE (2190°) (T)						
32	TOWN OF BARTON LESSOR CLAUDE W. WHITTEMORE MARGUERITE WHITTEMORE (H&W) LESSEE	44	22+81 TR 29	20+00 TR 29	0.2 A	3.8 A		FEE	7-16-68	BARTON	55	109	
		44	22+50 TR 29 LT	22+80 TR 29 LT			SLOPE (400°) (T)						

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 SR SLOPE RIGHTS
- P/L P/L PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

DRAWN BY: S.R. DATE 9-28-66
CHECKED BY: L.B. DATE 10-6-66

APPROVED: Thomas C. Donnelly CHIEF OF ACQUISITION DATE 10-12-66
APPROVED: Gordon M. Kane HIGHWAY ENGINEER DATE 10-13-66
APPROVED: H.P. Redmond ROW DIRECTOR DATE 10-27-66

PROJECT BARTON - IRASBURG
NO. I 91 - 3(16)
SHEET 17 OF 22

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
33	STANWOOD B. & ELEANOR H. CHURCHILL	45,46	2371+31	2385+81	10.7 A	102.3A		FEE COND	6-26-68	BARTON	55	110 116	
		45	2373+00 NB RT				DRAINAGE (P)						
		45	2378+50 NB RT				DRAINAGE (P)						
		45	2382+00 NB RT				DRAINAGE (P)						
		45	2384+00 NB RT				DRAINAGE (P)						
34	PHILIP C. ROYER J. MALCOLM COLTON	45-48	2374+85 SB	2408+04 SB	37.0 A	107.0A		FEE WD	6-26-68	BARTON	55	97	
		46	2384+75 NB RT				DRAINAGE (P)						HOUSE & BARN
		46	2387+50 NB RT				DRAINAGE (P)						
		46	2390+00 NB RT				DRAINAGE (P)						
		46	2390+50 NB RT				DRAINAGE (P)						
		47	2391+00 NB RT				DRAINAGE (P)						
		47	2392+75 NB RT				DRAINAGE (P)						
35	RAYMOND E. LAFOE & NAOMI LAFOE (H & W)	47	2396+37 NB	2399+32 NB	0.3 A	8.7A±		FEE WD	6-5-68	BARTON	55	79	
		47	2401+00 NB RT				DRAINAGE (P)						
36	U.V.M. LESSOR	47-48	2404+78 NB	2422+23 SB	17.5 A	67.5 A		FEE COND	6-26-68	BARTON	55	110 116	
	RAYMOND E. LAFOE & NAOMI LAFOE (H&W) LESSEE	48	2408+04	2422+23 SB LT									LOSS OF ACCESS (20.8A)
		48	2414+00 NB RT				DRAINAGE (P)						
		48	2416+50 NB RT				DRAINAGE (P)						
		48	2418+50 NB RT				DRAINAGE (P)						
		48	2419+25 NB RT				DRAINAGE (P)						
		48	2420+50 NB RT				DRAINAGE (P)						
37	WILLIE J. BOUDREAU	48	2400+32 NB LT				SPRING (P)	FEE WD	8-12-68	BARTON	55	136	
38	U.V.M. LESSOR	48-49	2420+40 NB RT	2439+87 SB LT	14.7 A	32.3 A		FEE COND	6-26-68	BARTON	55	110 116	SPRING
	PHILIP C. ROYER & BERNADETTE K. ROYER (H&W) LESSEE	48-49	2422+23	2439+87 SB LT									LOSS OF ACCESS (9.6A)
		48	2420+50 NB RT				DRAINAGE (P)						
		48	2422+00 NB RT				DRAINAGE (P)						

TABLE OF REVISIONS

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

MAP S.R. DATE 9-28-66

CHECKED BY R.B. DATE 10-6-66

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

APPROVED [signature] CHIEF OF AQUISITION DATE 10-10-66

APPROVED [signature] HIGHWAY ENGINEER DATE 10-13-66

APPROVED [signature] R.O.W. DIRECTOR DATE 10-27-66

PROJECT BARTON - IRASBURG

NO. F 91 - 3(13)

SHEET 13 OF 88

13

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
39A	PHILIP C. ROYER & BERNADETTE K. ROYER (H&W)	49-52	2437+49	2461+65 NB RT	40.2 A	282.93A		FEE	6-18-68	BARTON	55	110	
								COND				116	
		50	2442+00 NB RT				DRAINAGE (P)	FEE	6-21-68	IRASBURG	25	520	
		50	2444+75 NB RT				DRAINAGE (P)	COND				521	
		50	2445+33 NB RT				DRAINAGE (P)						
		50	2447+35 NB RT				DRAINAGE (P)						
		50	43+50 USS RT				DRAINAGE (P)						
		50	51+50	53+00 USS LT			SLOPE (700ᵉ) (T)						
B		50-53	2448+57 SB	31+00 USS	1.8 A								
C		50-53	2449+89 SB	5+45 RAMP A	6.8 A	383.85A							
D		51	2462+25	2467+75 SB	2.1 A								
E		53	26+50	31+00 USS	1.2 A								
		53	27+90 USS LT				DRIVE (T)						
		53	28+90	29+55 USS LT			DITCH (P)						
		53	28+60 USS RT MED				WATER LINE CROSSING (P)						
		53	29+80 USS LT				DRAINAGE (P)						
F		53	29+69 USS	31+00 USS	0.45 A								
40A	NELSON H. CURTIS & GERTRUDE M. CURTIS (H&W)	50	2446+54 SB	36+28 USS	1.2 A	NONE		FEE W.D.	5-21-68	IRASBURG	25	505	HOUSE, SPRING
		50	2444+65 SB				SPRING (P)	FEE W.D.	5-29-68	BARTON	55	98 99	
B		50	2447+80 SB	36+28 USS	0.2 A	NONE							
41	MARCEL M. LOCKE & PAULINE P. LOCKE (H&W)	51	2458+46	2467+25 SB	1.2 A	NONE		FEE W.D.	7-18-68	IRASBURG	26	11	SERVICE STATION & SPRING
42	HAROLD J. CARON & MILDRED W. CARON (H&W)	51	4+20 RAMP A	2464+09 SB LT	0.6A	0.4 A		FEE W.D.	5-13-68	IRASBURG	25	489	
		51	4+20 RAMP A	2463+86 SB LT									LOSS OF ACCESS (0.4 A)

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
- SS — SR — SLOPE RIGHTS
- P/L — P/L — PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

DRAWN BY: GR DATE: 9-28-68

CHECKED BY: EHC DATE: 10-4-68

APPROVED: [signature] CHIEF OF AQUISITION DATE: 10-10-68

APPROVED: [signature] RIGHT-OF-WAY ENGINEER DATE: 10-13-68

APPROVED: [signature] R.O.W. DIRECTOR DATE: 10-21-68

PROJECT: BARTON - IRASBURG

NO. I 9 - 3(15)

SHEET 19 OF 88

14

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
43	ALBERT L. & GEORGETTE H. VERGE	51	2461+48	2462+95 NB RT	0.28 A	NONE		FEE WD	3-22-68	BARTON	55	6	HOUSE
44	DONAT & GISELE HOULE	40	2349+70	2357+65 NB RT	N/A	4.8 A ±		FEE COND	6-26-68	BARTON	55	110 116	
		40	2350+50 NB RT				DRAINAGE (P)						
		40	2356+50 NB RT				DRAINAGE (P)						
	RELINQUISHMENT												
	#1 US #5 TO TOWN OF BARTON		13+96 US 5	24+90 NB RT									
	#2 VT. #58 TO TOWN OF IRASBURG		24+00 VT 58	29+27 NB RT									
	#3 VT. #58 TO TOWN OF IRASBURG		29+27 US 5	15+50 VT 58									
45	PAUL P. & GENIE G. DOYLE	44 45	2357+60 NB	2359+05 NB	N/A	6.3 A		FEE WD	6-5-68	BARTON	55	70	
		45	2355+00 RT				DRAINAGE (P)						
		45	2363+50 NB RT				DRAINAGE (P)						
		44	2358+05 NB RT	36+25 TRESLT			SLOPE (1.5:1) (T)						
46	ARLAND A. & JANICE K. BUNTIER	44	22+84 TRESLT	2340+45 B	N/A	14.7 A ±		FEE WD	9-23-68	BARTON	58	62	
			26+20 TR. SLT	29+30			SLOPE (1.5:1) (T)						
		44	23+38 LT.				DRIVE						
			27+00 TRESLT				DRAINAGE (P)						
47	FRANK BABCOCK		2208+40 RT.				SPRING (P)						
			2209+75 RT.				SPRING (P)						
	HIGHWAY OPENINGS:												
			SB 2048+30 ℄	SB 2154+00 ℄									(BEGINNING STA. ON PROJECT LYNDON-BARTON I 91-3(14) SECT. II)
			NB 2038+70 ℄	NB 2154+00 ℄									(BEGINNING STA. ON PROJECT LYNDON-BARTON I 91-3(14) SECT. II)
													ABOVE OPENING ARE IN TOWN OF BARTON

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
- PL PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

MADE BY: E.W. DATE: 8-29-66

CHECKED BY: D.C. DATE: 12-6-66

APPROVED: [signature] CHIEF OF ADMINISTRATION DATE: 12-19-66

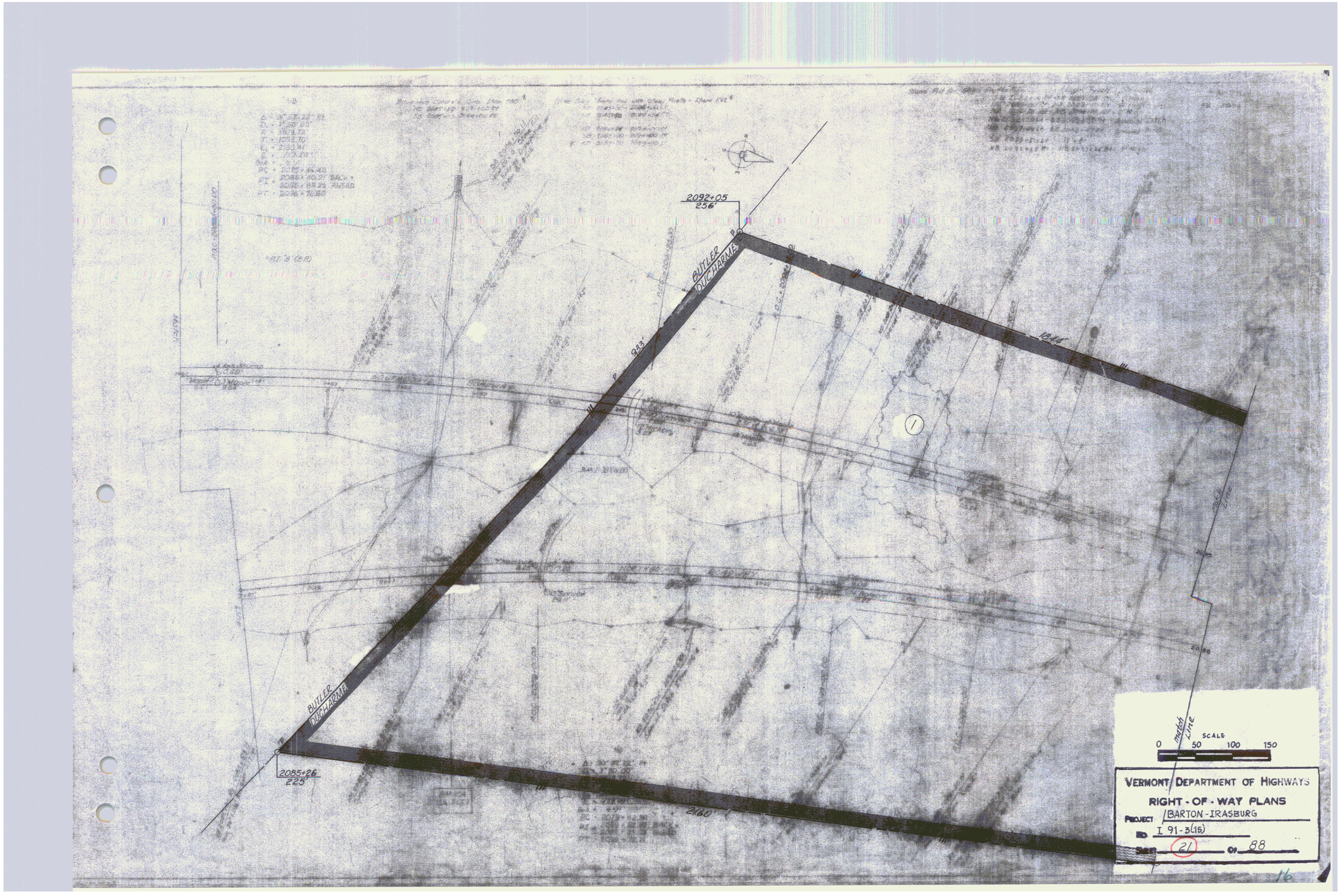
APPROVED: [signature] DIVISION ENGINEER DATE: 12-19-66

APPROVED: [signature] R.O.W. DIRECTOR DATE: 12-21-66

PROJECT: BARTON - [illegible]

NO: I 91-3(19)

SHEET 20 OF 15


2092+05
256
BUTLER
DUCHARME
983'
1344'
2160'
2085+26
225'
BUTLER
DUCHARME
match Line
match Line
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
I 91-3(15)
SHEET 21 OF 88

END PROJECT I-91-3(11)

BEGIN PROJECT I-91-3(11)

End Curve #2
Sta 2104+92.05

2104+00 STATE

EQUALITY

(1844')

2123+14
155'

DUCHARME
SIMONS

441'

2127+62
200'

44

Main

2118+00.00 STATE

EQUALITY

(2160')

1

DUCHARME
SIMONS

285'

2122+16
150'

2125+00
150'

0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
ID I 91-3(15)
SHEET 22 OF 88

Stone / Backfill for Slope
Stabilization, Item 612.4
S.B. 2118+00 - 2120+00 Rt.

Sub-base c.f. Select, Item 204.2
N.B. 2118+00 - 2119+75

* Three Cable Guard Rail
w/ Steel Posts, Item 616
S.B. 2118+00 - 2121+00 Lt.
N.B. 2118+00 - 2121+00 Lt.

* Bituminous Concrete Curb
Item 609
S.B. 2118+00 - 2122+00 Lt.
N.B. 2118+00 - 2122+00 Lt.

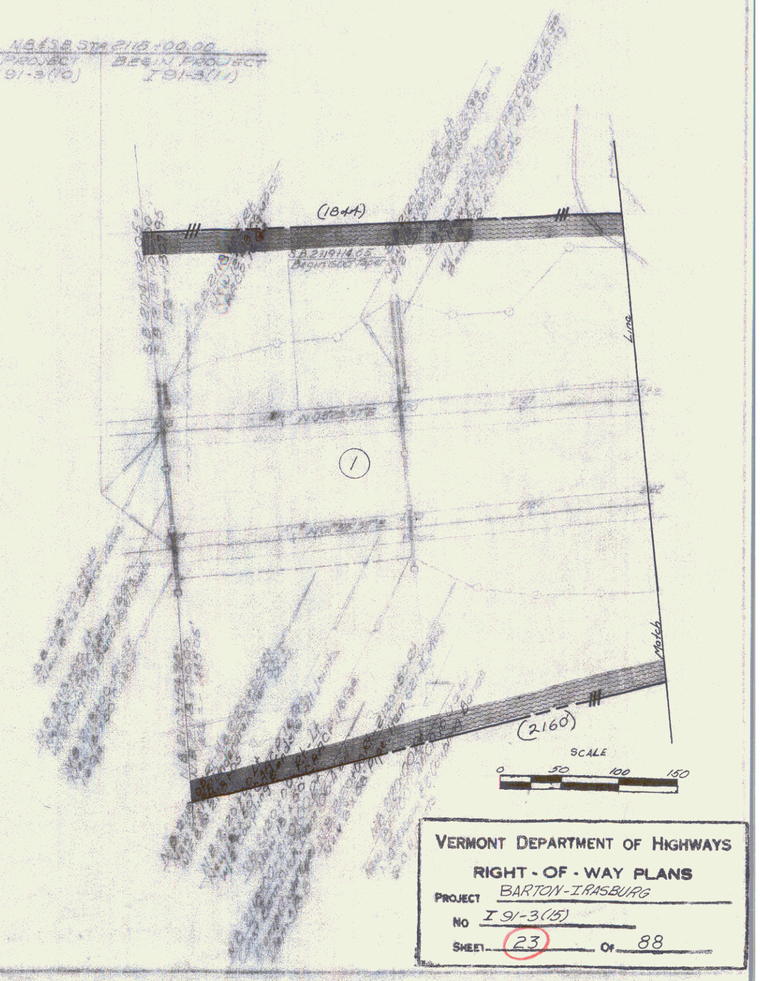
Property Line Fence
w/ Steel Posts, Item 618.3 (Misc.)
N.B. 2118+00 - 2118+50 Rt.
S.B. 2118+00 - 2118+50 Lt.

* STAGE 2 CONSTRUCTION

N

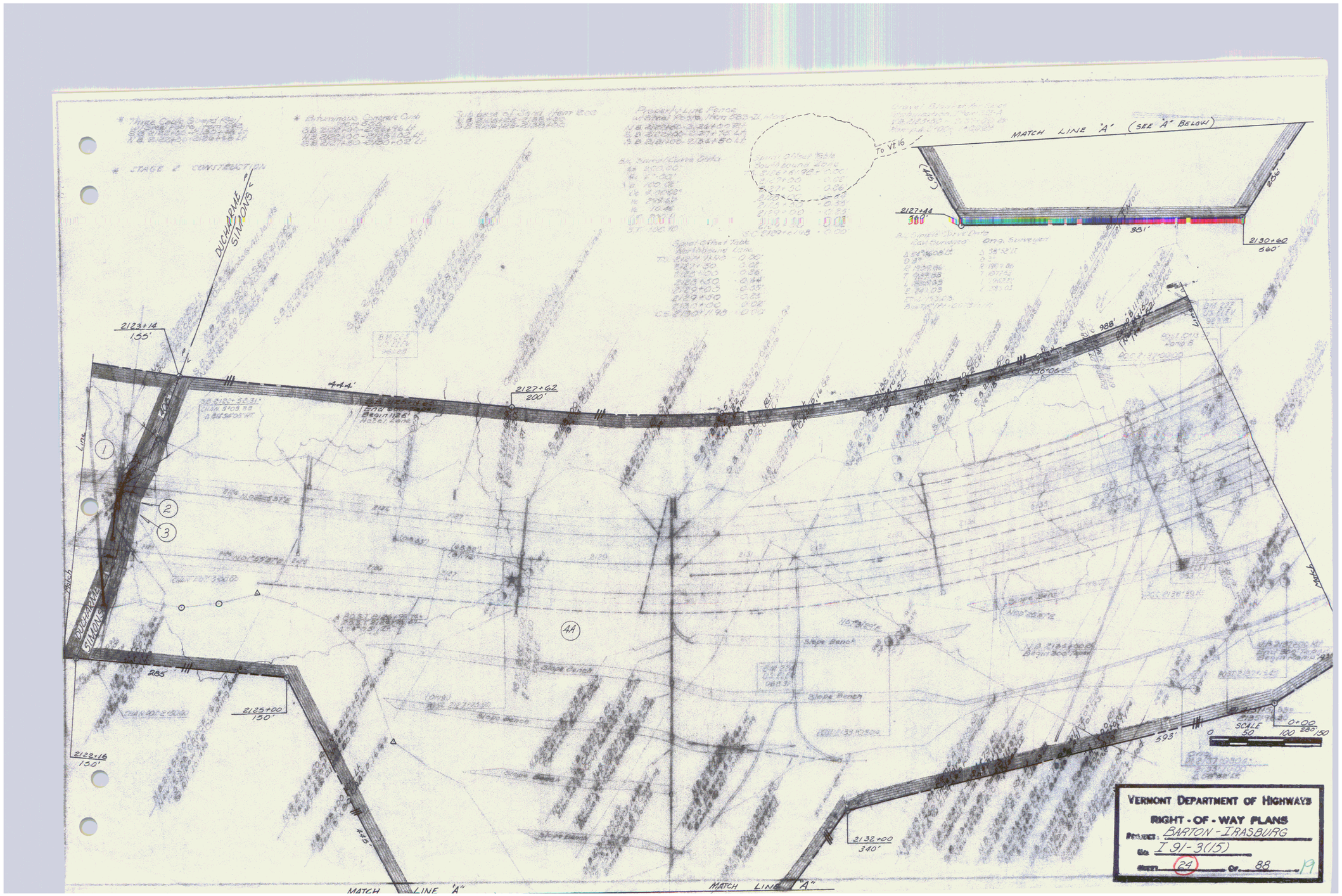
N 68° 38' 37" E 2118+00.00
END PROJECT
I 91-3(10)

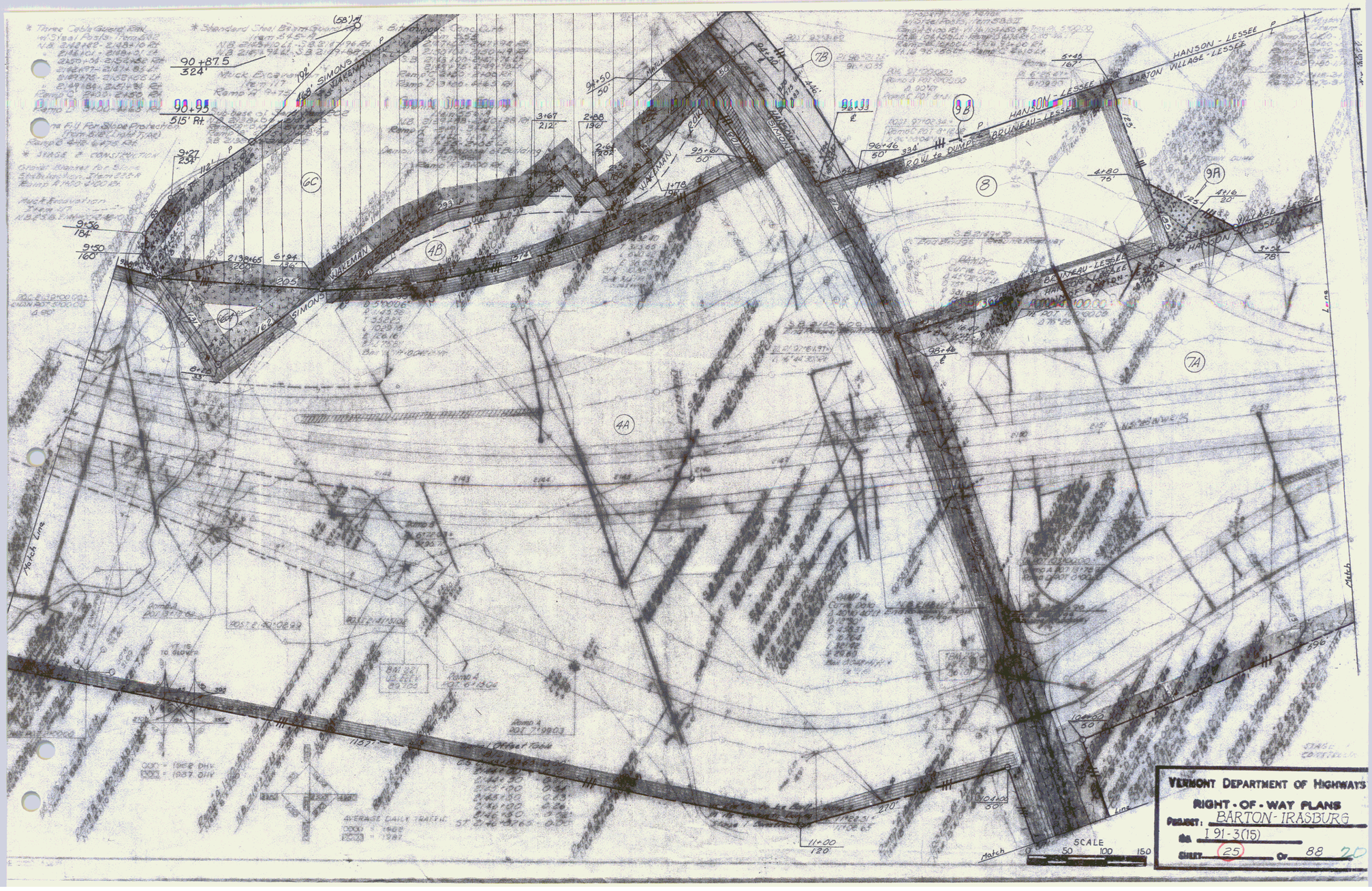
BEGIN PROJECT
I 91-3(11)

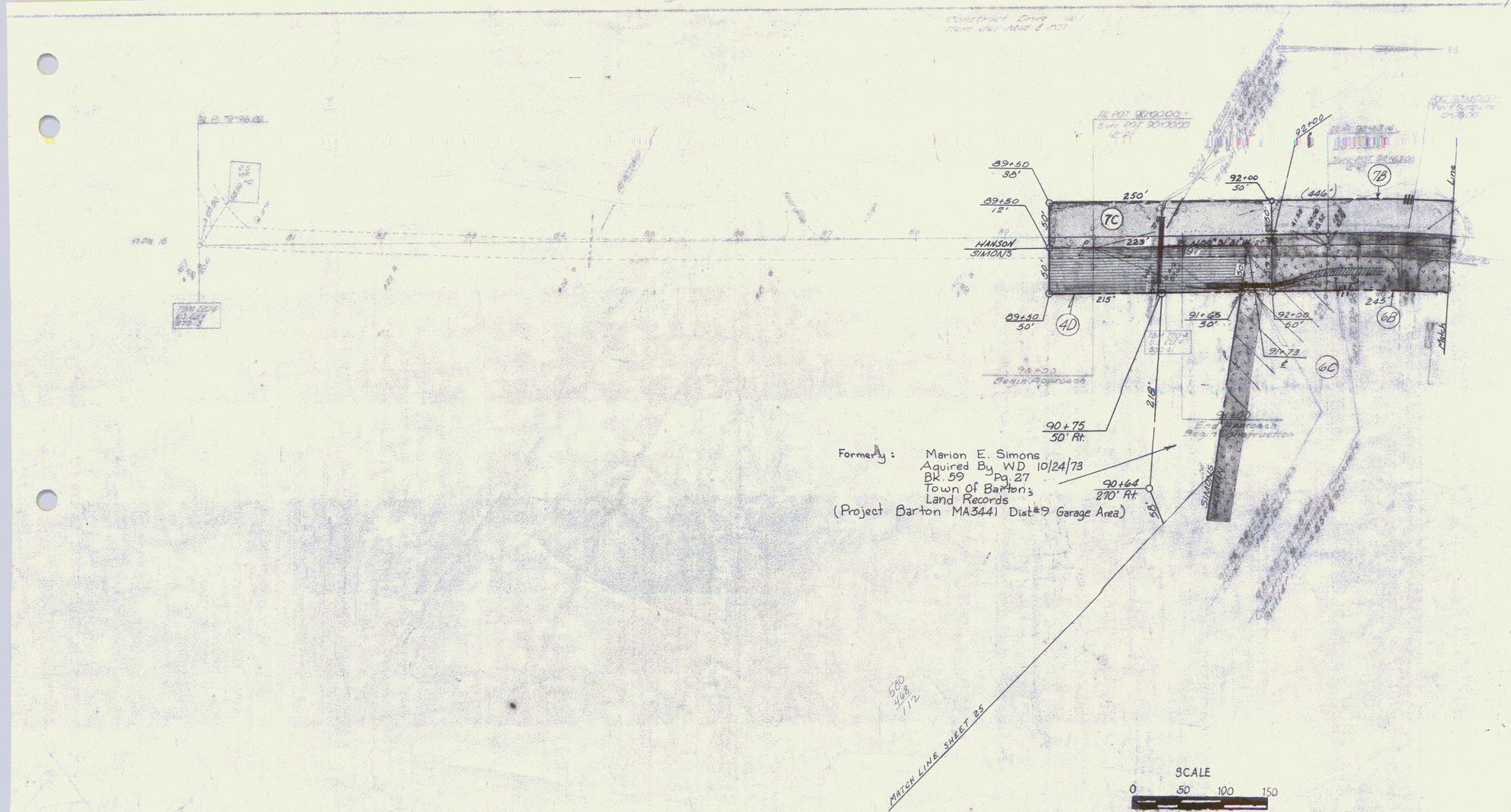


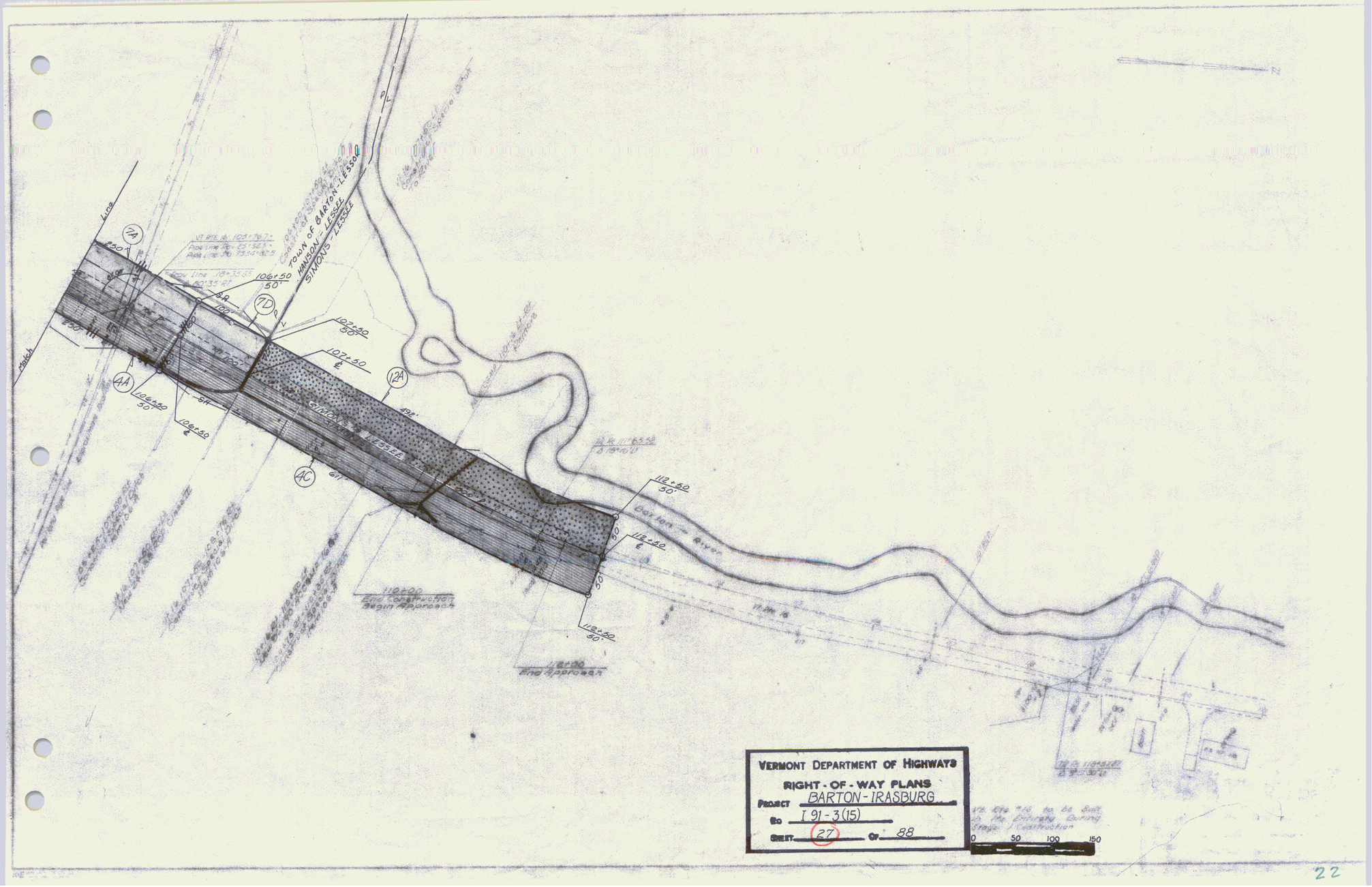
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT BARTON-IRASBURG
NO I 91-3(15)
SHEET 23 OF 88

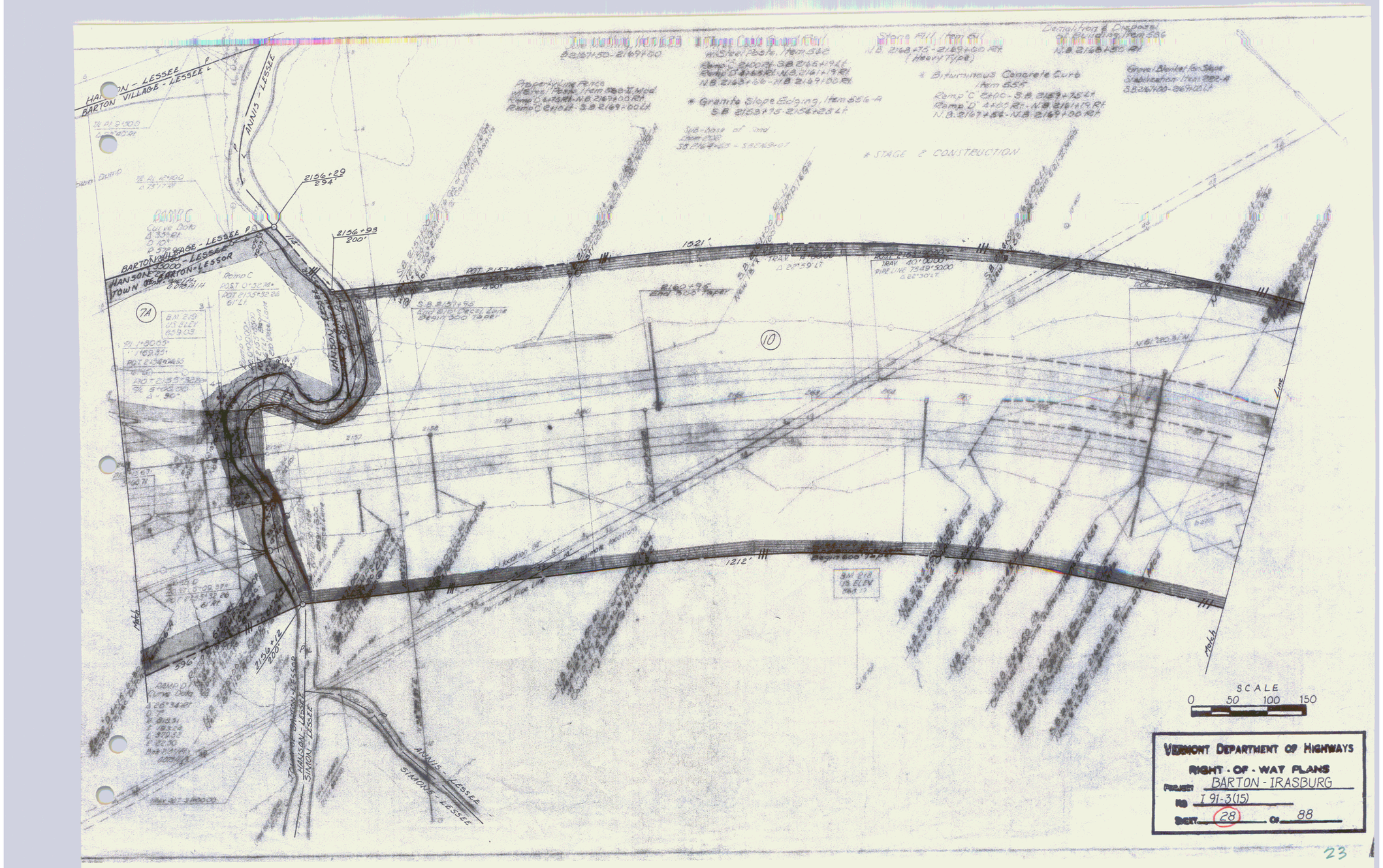
18


MATCH LINE "A" (SEE "A" BELOW)
2127+44
50'
2130+60
560'
951'
256'
DUCHARME
SIMONS
2123+14
155'
2127+62
200'
2125+00
150'
2122+16
150'
2132+00
340'
285'
393'
988'
SCALE
50
100
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON - IRASBURG
No. I 91-3(15)
SHEET 24 OF 88
MATCH LINE "A"
MATCH LINE "A"

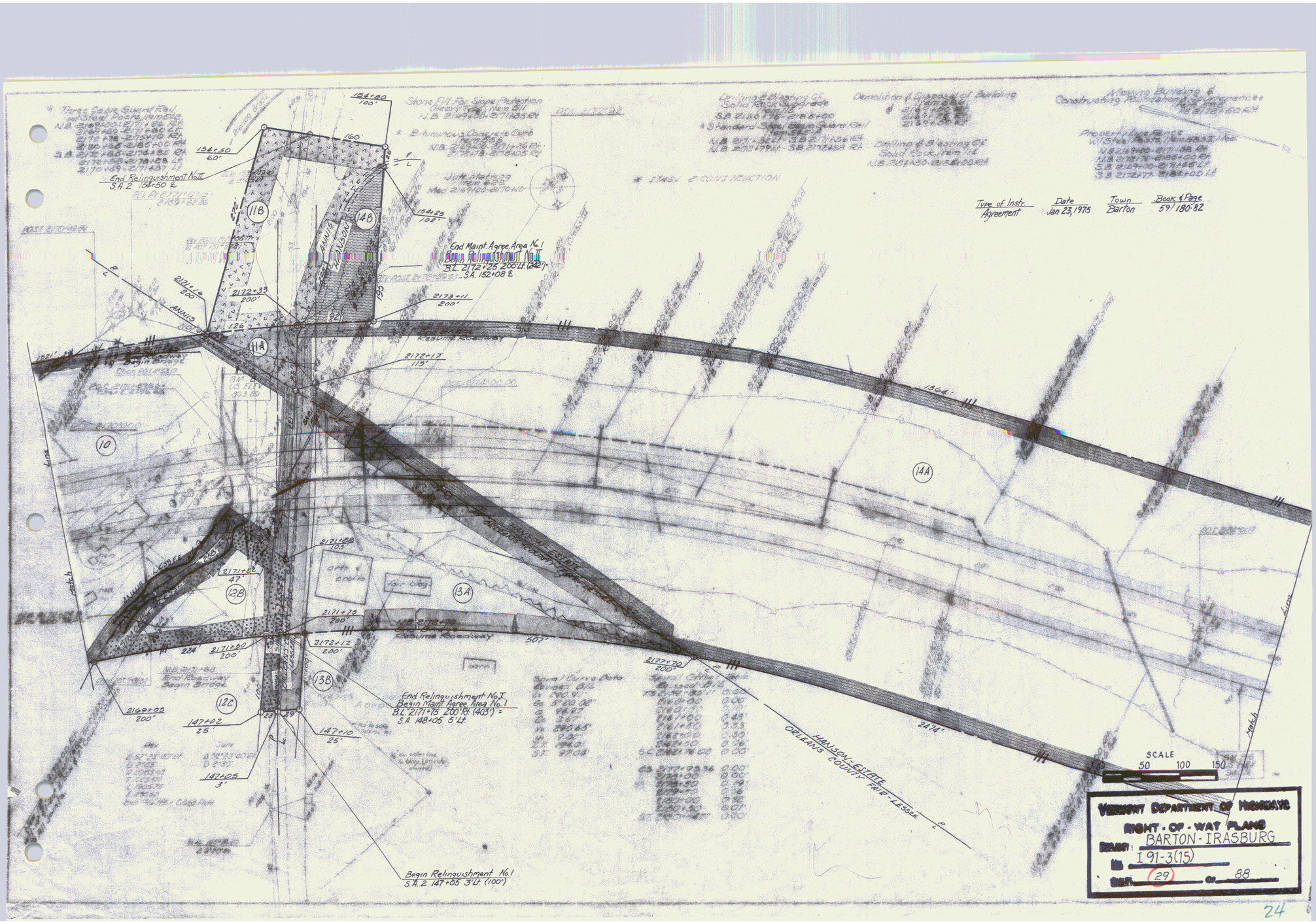

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
NO. I 91-3(15)
SHEET 25 OF 88
SCALE
0 50 100 150
HANSON - LESSEE
BRUNEAU - LESSEE
VILLAGE - LESSEE
SIMONS
WAKEMAN
Match Line
Match
ROW to DUMP
90+87.5
324'
98+93
515' Rt.
96+46
334'
98+46
100+00
50'
104+00
30'
11-00
120'
1157'
270'
125'
AVERAGE DAILY TRAFFIC
1968
1987

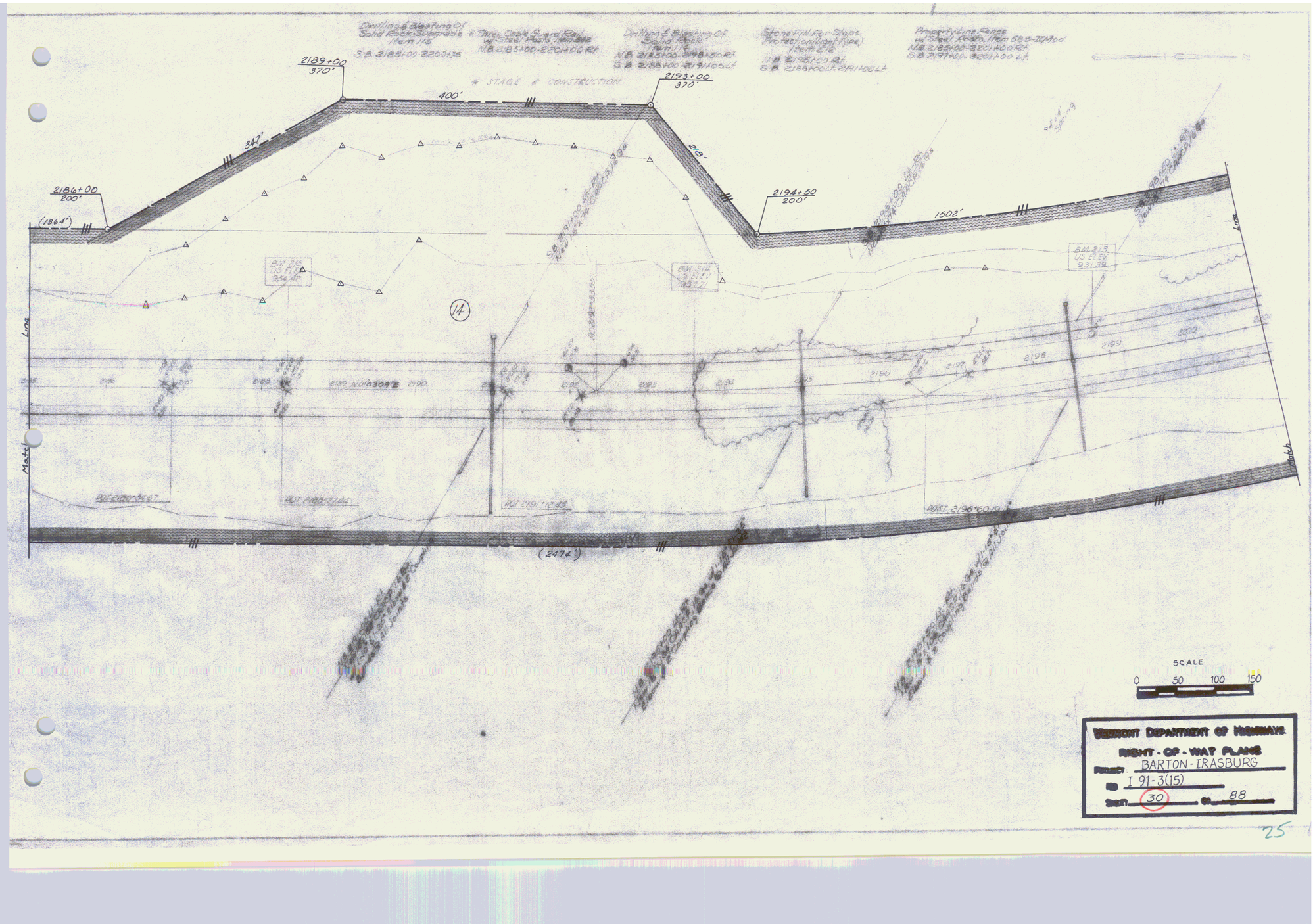

89+50
38'
89+50
12'
89+50
50'
92+00
50'
92+00
℄
250'
(446')
223'
215'
243'
7C
7B
6B
6C
4D
HANSON
SIMONDS
91+65
50'
92+00
50'
91+73
℄
92+23
Begin Approach
90+75
50' Rt.
90+64
270' Rt.
218'
219'
End Approach
Begin Construction
SIMONDS
EDWARD
Formerly:
Marion E. Simons
Aquired By WD 10/24/73
Bk. 59 Pg. 27
Town of Barton;
Land Records
(Project Barton MA3441 Dist.#9 Garage Area)
580
468
172
MATCH LINE SHEET 25
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT. BARTON - IRASBURG
NO. I 91 - 3(15)
SHEET. 26 OF. 88

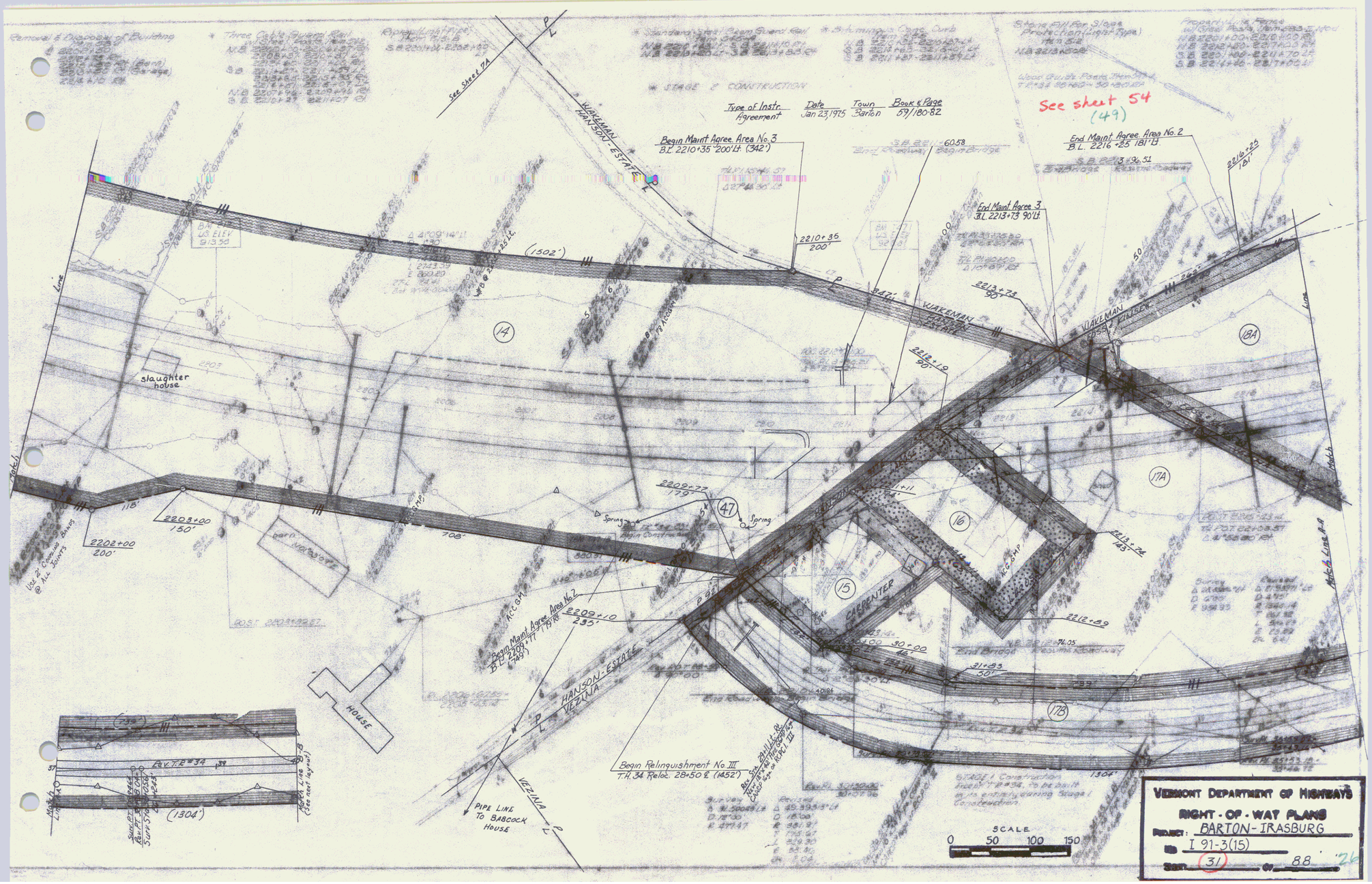

TOWN OF BARTON - LESSEE
MANSON - LESSEE
SIMONS - LESSEE
7A
7D
4A
4C
12A
106+50
107+50
112+50
118+00
End Construction
Begin Approach
118+00
End Approach
492'
Barton River
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT BARTON - IRASBURG
NO I 91 - 3(15)
SHEET 27 OF 88
0 50 100 150

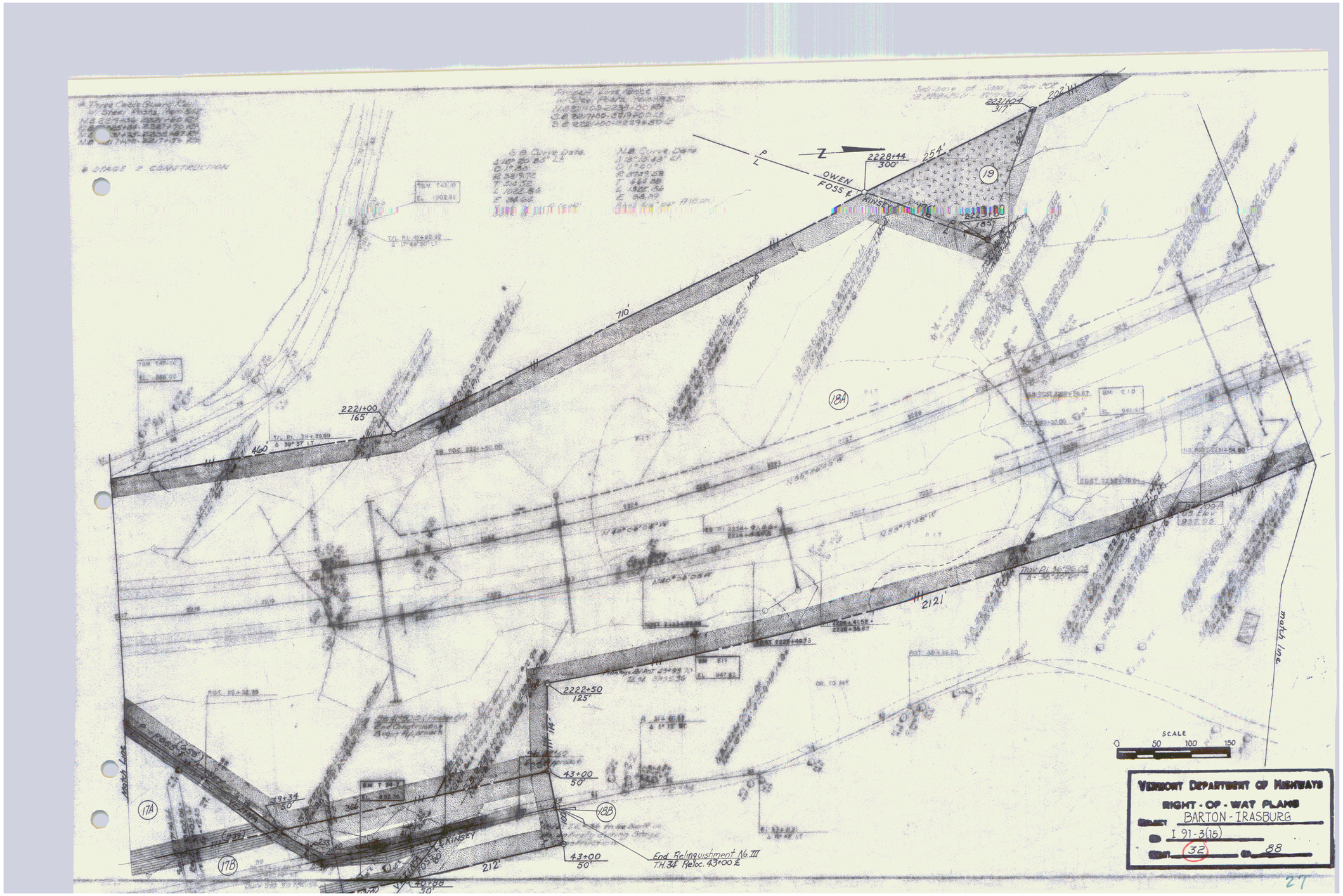

HANSON - LESSEE
BARTON VILLAGE - LESSEE
ANNIS - LESSEE
RAMP C
RAMP D
BARTON - LESSOR
HANSON - LESSOR
TOWN
SIMONS - LESSEE
2136+29
294'
2136+93
200'
2136+12
200'
1321'
1212'
396'
Stone Fill (Item 611)
Bituminous Concrete Curb
Item 555
Granite Slope Edging, Item 556-A
Gravel Blanket for Slope Stabilization, Item 202-A
STAGE 2 CONSTRUCTION
Begin BOS 1+17.50
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON - IRASBURG
NO I 91-3(15)
SHEET 28 OF 88

23


Three Cable Guard Rail w/Steel Posts, Items
Stone Fill For Slope Protection
Bituminous Concrete Curb
Drilling & Blasting Of Solid Rock, Upgrade
Standard Steel Beam Guard Rail
Demolition & Disposal of Building
Moving Building & Constructing Foundations & Underpinning
Property Lines
Type of Instr. Agreement
Date Jan 23, 1975
Town Barton
Book & Page 59/180-82
End Relinquishment No.II
Sta. 151+50 ℄
End Maint. Agree. Area No. 1
Begin Relinquishment No.II
Sta. 2172+25 200 Lt. (242')
Sta. 152+08 ℄
ANNIS
HANSON
Resume Roadway
Begin Bridge
End Roadway
Begin Bridge
End Relinquishment No.I
Begin Maint. Agree. Area No. 1
Sta. 2171+75 200' Rt. (403') =
Sta. 148+05 3' Lt.
Begin Relinquishment No.1
Sta. 2 147+05 3' Lt. (100')
ORLEANS COUNTY FAIR - LESSEE
ORLEANS COUNTY FAIR ESTATE
Curve Data
Vertical Curve Data
SCALE
50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
NO. I 91-3(15)
SHT. 29 OF 88
24

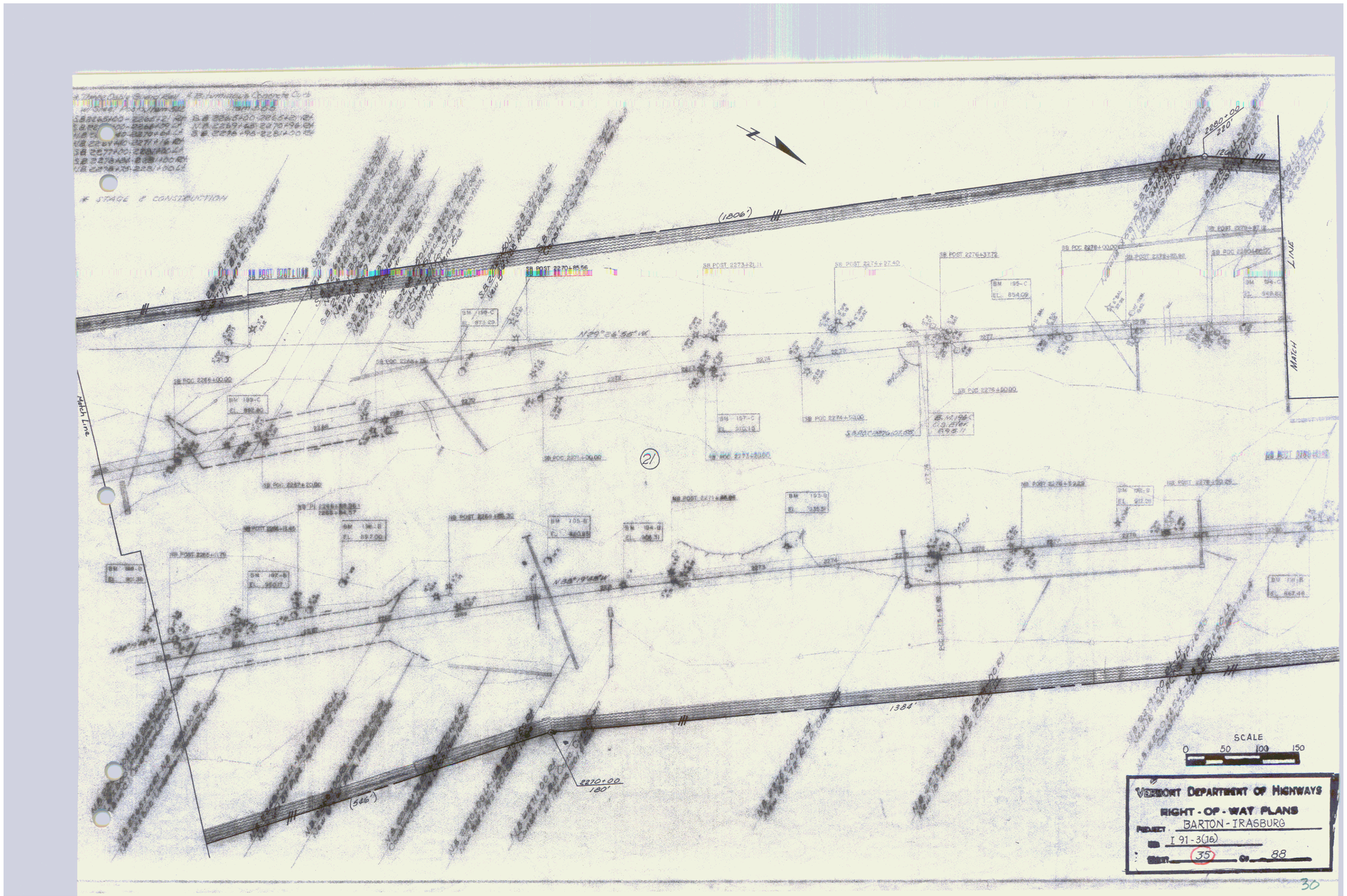

Drilling & Blasting Of Solid Rock Subgrade (Item 115 S.B. 2185+00-2200+35
* Thrie Cable Guard Rail w/ Steel Posts (Item 646 N.B. 2185+00-2200+00 Rt
Drilling & Blasting Of Solid Rock (Item 115 N.B. 2185+00-2198+50 Rt S.B. 2185+00-2191+00 Lt
Stone Fill For Stone Protection (Light Pipe) (Item 612 N.B. 2192+00 Rt S.B. 2188+00 Lt-2191+00 Lt
Property Line Fence w/ Steel Posts (Item 618-3 N.B. 2185+00-2201+00 Rt S.B. 2197+00-2201+00 Lt
* STAGE 2 CONSTRUCTION
2189+00
370'
2193+00
370'
400'
347'
215'
2186+00
200'
2194+50
200'
1502'
(1364')
(2474')
BM 213
US ELEV
931.39
14
Line
Match
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
NO. I 91-3(15)
SHT. 30 OF 88
25

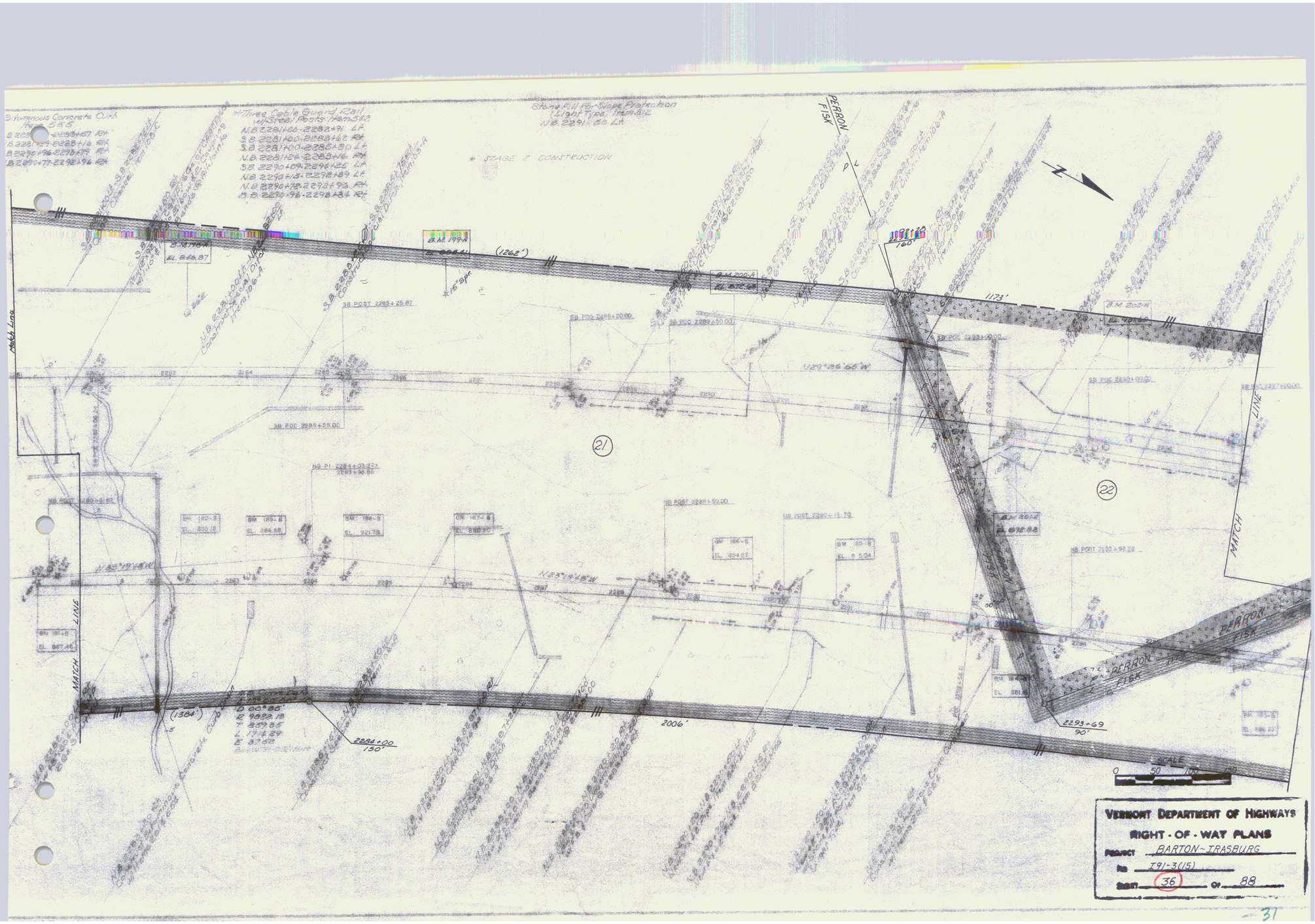

See Sheet 72
See sheet 54
(49)
Type of Instr. Agreement
Date Jan 23, 1975
Town Barton
Book & Page 59/180-82
Begin Maint Agree. Area No. 3
B.L. 2210+35 200' Lt. (342')
End Maint Agree. Area No. 2
B.L. 2216+25 181' Lt.
End Maint Agree 3
B.L. 2213+73 90' Lt.
2210+35
200'
2213+73
90'
2216+25
181'
2212+19
90'
WAKEMAN HANSON ESTATE
WAKEMAN HANSON ESTATE
WAKEMAN HANSON ESTATE
HANSON-ESTATE
VEZINA
CARPENTER
slaughter house
HOUSE
barn
Spring
Spring
PIPE LINE TO BABCOCK HOUSE
Begin Relinquishment No. III
T.H. 34 Reloc. 28+50 ℓ (1452')
2202+00
200'
2203+00
150'
2209+10
235'
2209+72
179'
2213+24
143'
2216+89
118'
708'
1304'
(1502')
(1304')
(14)
(15)
(16)
(17A)
(17B)
(18A)
(47)
STAGE I CONSTRUCTION
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
I 91-3(15)
SHEET 31 OF 88

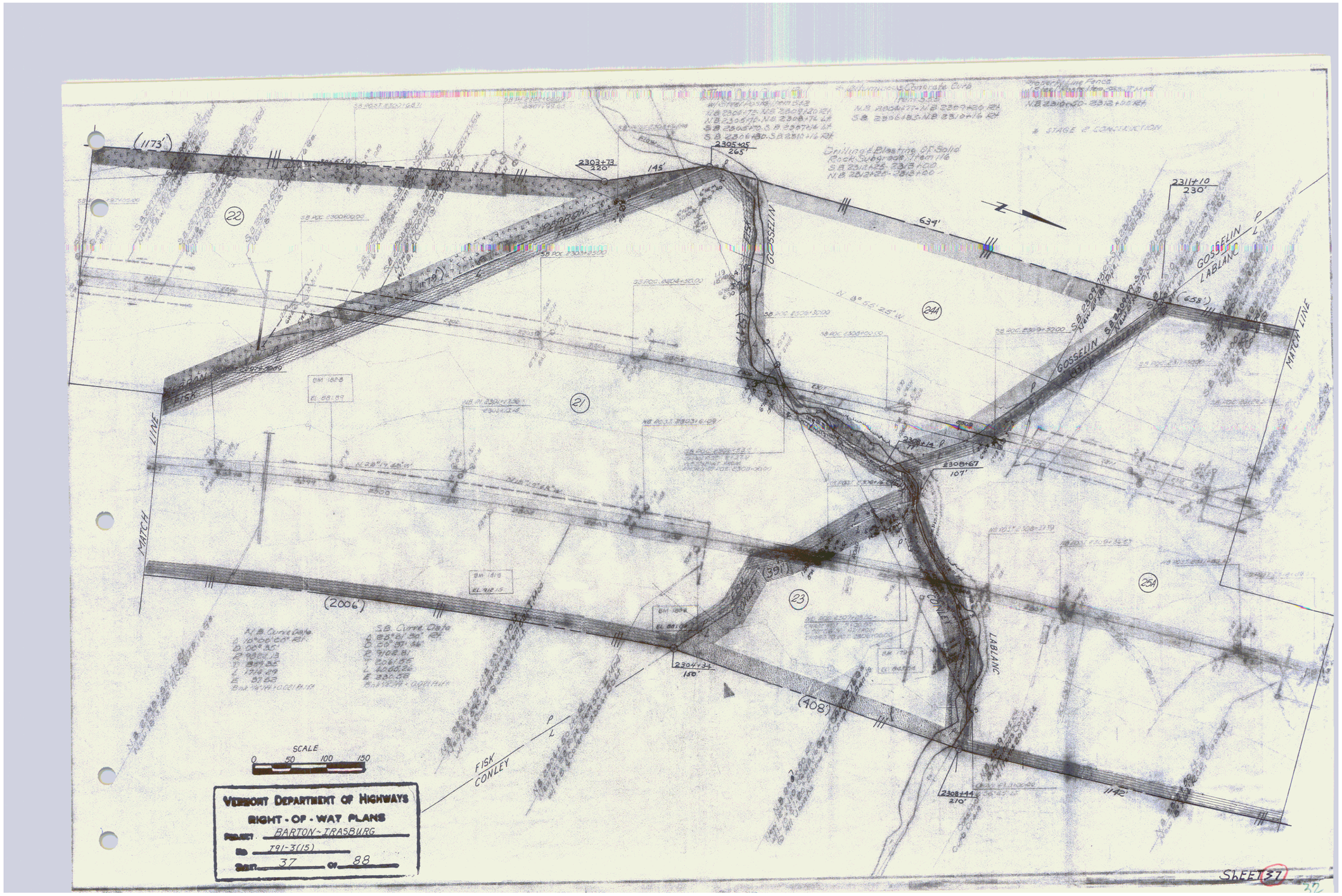

OWEN
FOSS
RAINSEY
710'
2121'
460'
212'
254'
2221+00
165'
2222+50
125'
43+00
50'
39+34
50'
40+88
50'
2228+44
300'
2221+04
317'
2221+80
165'
(18A)
(18B)
(17A)
(17B)
(19)
match line
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON - IRASBURG
I 91-3(15)
32
88
27

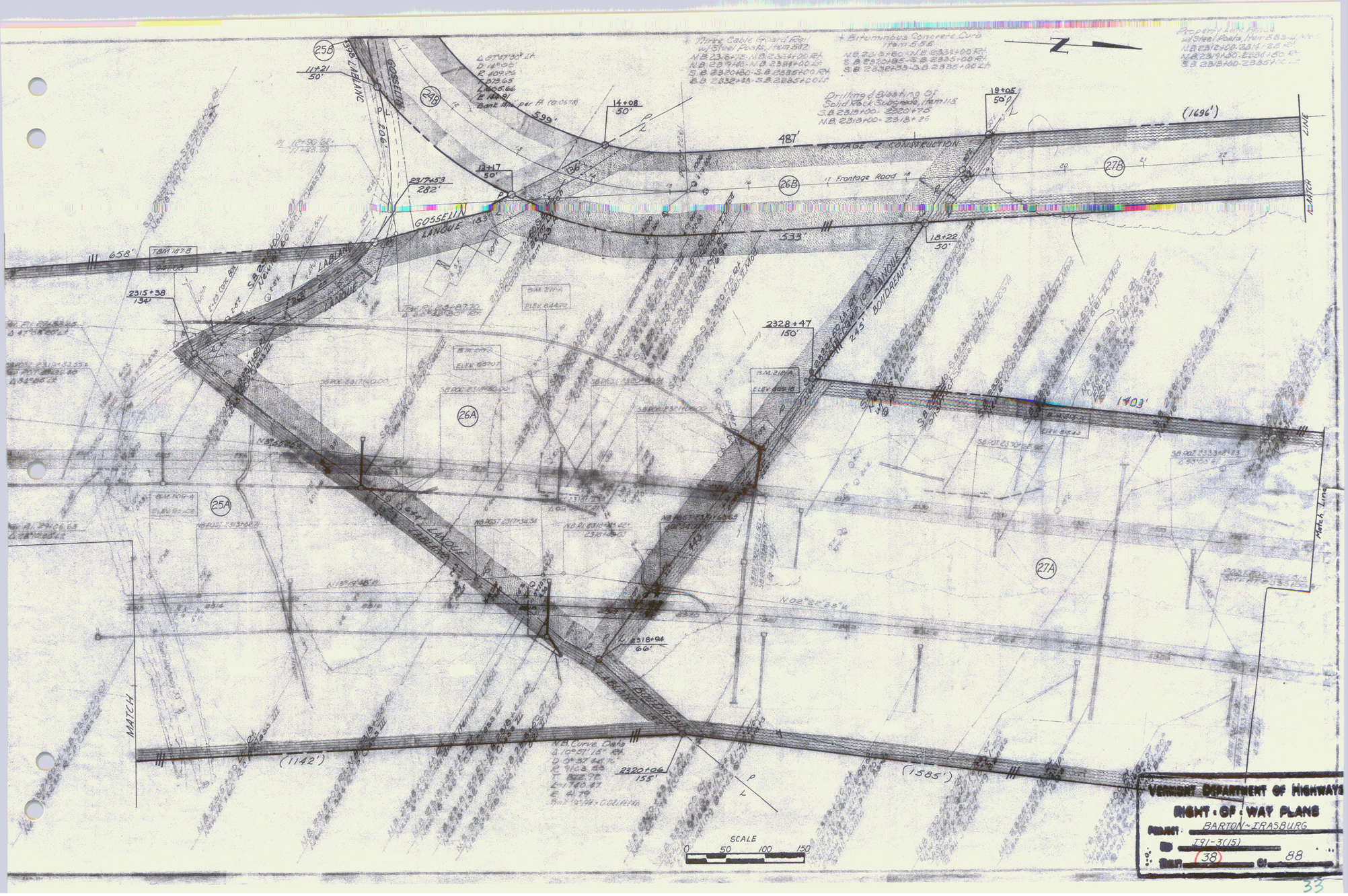

Approx. Loc. of Water Line to VEZINIA
Approx. Loc. of Water Line to FOSS
2233+00
326'
533'
2238+00
150'
615'
2244+10
150'
258'
2246+69
150'
824'
2247+49
91'
2248+20
95'
399'
2243+50
125'
2247+00
190'
2247+07
190'
971'
2121'
Match Line for TR #94
FOSS & KINSEY
VEZINIA
VEZINIA COUNTRY CLUB LESSEE
VEZINIA LESSOR
Match Line
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
I 91-3(15)
SHEET 33 OF 88


SB POD 2262+00
New 60' x 592' CG R P
Δ = 84° 30' RT from 170 TAN
SB POD 2262+00.00
PC SB 2262+00.00
From the Tangent to Curve
2258+92
150'
2260+98
240'
2262+44
240'
2254+65
150'
2256+52
31'
2257+55
78'
2254+96
190'
2258+06
190'
2260+91
270'
824'
434'
971'
(231')
(150')
(180')
(290')
(346')
108'
138'
w/12 Grds
w/18 @ 2249+20
w/18 @ 2250+00 RM.
w/18 @ 2255+80
w/18 @ 2255+30
w/18 @ 2260+00
w/18 @ 2260+50
ACCESS, 16' GA.
POST 2250+50.00
SB Curve Data
Δ 71°00' RT
SB POD 2254+28.00
SB POD 2254+80.00
SB POD 2255+80.00
SB POD 2256+80.00
SB POD 2257+80.00
SB POD 2259+00.00
SB POD 2260+00.00
SB POST 2260+73.00
SB PI 2261+80.00
SB POST 2262+73.00
SB POST 2263+73.00
SB POST 2264+73.00
SB POST 2265+73.00
SB POST 2266+73.00
SB POST 2267+73.00
SB POST 2268+73.00
SB POST 2269+73.00
SB POST 2270+73.00
SB POST 2271+73.00
SB POST 2272+73.00
SB POST 2273+73.00
SB POST 2274+73.00
SB POST


STAGE II CONSTRUCTION
(1806')
SB POST 2270+85.96
SB POST 2273+21.11
SB POST 2274+27.40
SB POST 2276+37.72
SB POC 2278+00.00
SB POST 2278+50.00
SB POST 2279+87.18
SB POC 2280+00.00
2280+00
220'
MATCH LINE
Match Line
N 29° 24' 55" W
SB POC 2269+00.00
SB POC 2270+00.00
SB POC 2271+50.00
SB POC 2274+75.00
SB PVC 2276+50.00
BM 198-C
EL. 872.80
BM 197-C
EL. 915.18
BM 196-C
EL. 854.09
BM 195-C
EL. 917.05
BM 194-C
EL. 949.80
BM 193-C
EL. 935.51
BM 192-C
EL. 897.46
BM 191-C
EL. 917.05
BM 190-C
EL. 897.00
BM 189-C
EL. 901.36
BM 188-C
EL. 950.21
BM 187-C
EL. 897.46
NB POST 2265+00.00
NB POST 2265+15.45
NB POST 2265+50.00
NB POST 2267+50.00
NB POST 2269+85.31
NB POST 2271+88.88
NB POST 2274+59.29
NB POST 2278+50.25
N 29° 24' 55" W
1384'
(586')
2270+00
180'
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
I 91-3(16)
SHEET 35 OF 88
30


Bituminous Concrete Curb Type 5&6
Three Cable Guard Rail (Steel Posts) Item 613
Stone Fill for Slope Protection (Light Type) Item 616
* STAGE 2 CONSTRUCTION
PERRON FISK
MATCH LINE
(1262')
1173'
(1384')
2006'
2293+69
90'
2234+00
150'
N 29°26'55" W
N 32°19'48" W
N 33°19'48" W
21
22
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-TRASBURG
No I91-3(15)
SHEET 36 OF 88
31


(1173')
2303+73
220'
145'
2305+25
265'
639'
2311+10
230'
(658')
GOSSELIN
LABLANC
FISK
CONLEY
MATCH LINE
(1179')
(1257')
(2006')
(391')
(408')
2304+34
150'
2308+67
107'
2308+14
1142'
2308+44
270'
BM 1828
EL 88.89
BM 1819
EL 91.15
BM 1824
EL 88.15
N.B. Curve Data
S.B. Curve Data
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
NO. 791-3(15)
SHT. 37 OF 88
SHEET 37


25B
24B
26B
27B
25A
26A
27A
GOSSELIN
LABOUE
BOULDREAU
MATCH LINE
Match Line
Frontage Road
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
I91-3(15)
SHT. 38 OF 88

Three Cable Guard Rail
Steel Posts - Item 646

SB 2334+00 - 2343+00 Rt.
SB 2343+00 - 2349+00 Rt.
SB 2343+00 - 2349+00 Lt.
NB 2334+00 - 2340+50 Lt.

Bituminous Concrete Curb
Item 609

NB 2334+00 - NB 2338+02 Rt.
NB 2338+20 - SB 2339+45 Lt. & Rt.
NB 2335+25 - NB 2338+02 Lt.

Property Line Points
4" Steel, 2.33 lbs. per ft. Weight
NB 2334+50 - 2345+30 Rt.
SB 2334+00 - 2348+00 Lt.

* STAGE 2 CONSTRUCTION

MATCH LINE

Main Line

(1449')

(1403')

(1585')

1696'

Δ 35°44' Rt.
D 5°
R 1145.92
T 369.99
L 714.67
E 58.09
BARNETT - COBB FIFTH

SB 2336+00 Lt. St.
New 18" RCP Culvert
Special Ditch Item 608.11

SB 2338+00 Lt. St.
New 18" RCP Culvert
Special Ditch Item 608.11

SB 2339+25 Rt.

SB 2342+50 Lt. St.
New 18" RCP Culvert
Special Ditch Item 608.11

SB 2342+66 Rt. St.
New 18" RCP Culvert
Special Ditch Item 608.11

2342+66 Rt.

33+00
50'

2342+50
150'

2342+66
150'

27A

27B

28

29

29A

36

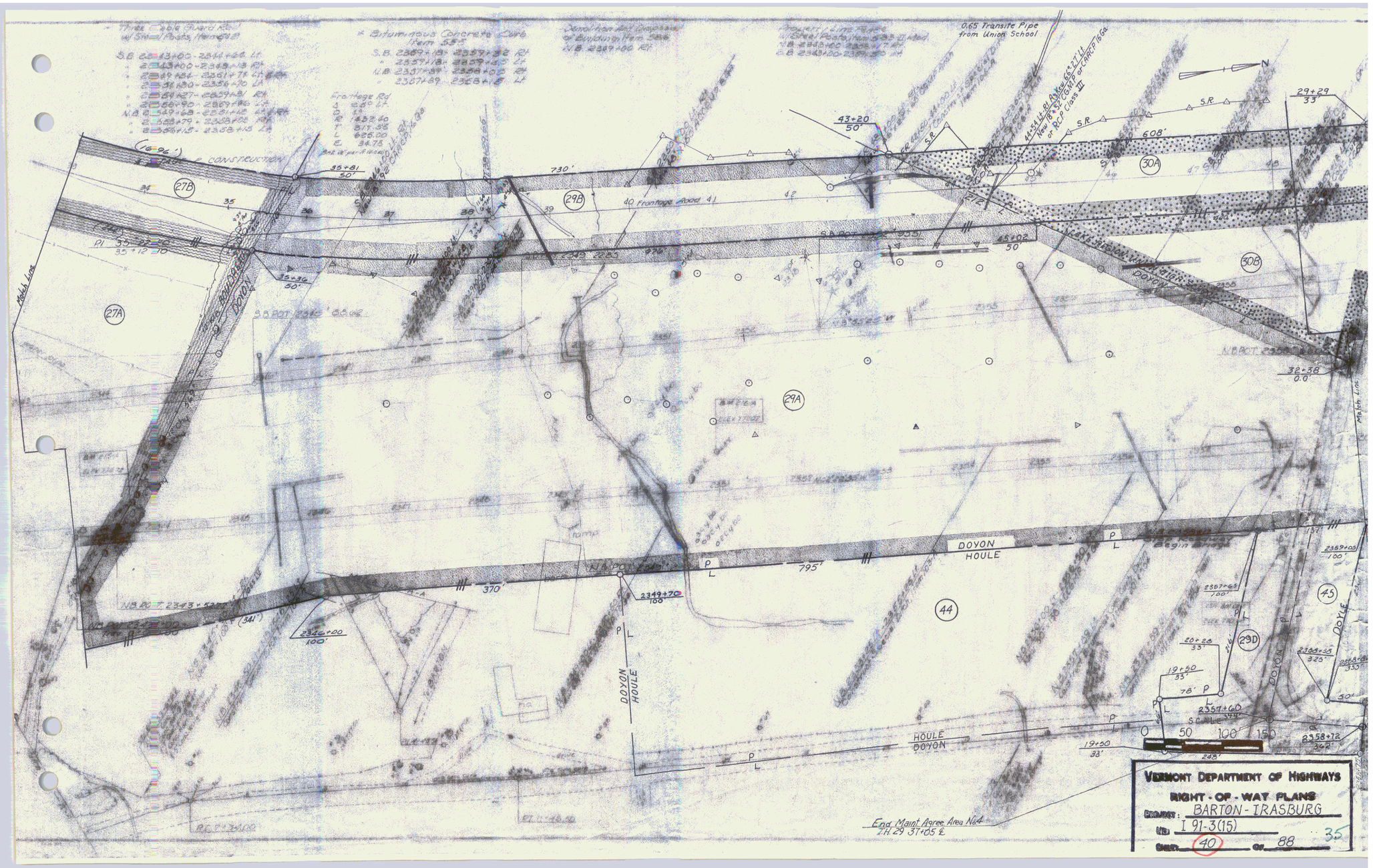
BOULDEAU TO DOTON

SCALE
0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
NO. I 91-3(15)
SHEET 39 OF 88

SHEET 39

34


Three Cable Guard Rail w/ Steel Posts, Item 613.8
Bituminous Concrete Curb Item 555
Removal from Any Disposal of Building Item 526
Project Limit Fence w/ Steel Posts, Item 613.11 Mod.
0.65 Transite Pipe from Union School
Frontage Rd
Δ 26° Lt.
D 11°
R 432.40
T 847.55
L 825.00
E 34.75
Point of Curvature
Point of Tangency
(Ø 96")
CONSTRUCTION
730'
40 Frontage Road 41
43+20
50
608'
S.R
29+29
33
35+81
50'
35+36
50'
45+02
50
27A
27B
29A
29B
30A
30B
44
45
Match Line
DOYON
HOULE
795'
370'
2349+70
100
2346+00
100'
2369+05
100'
2367+65
100'
2358+72
362'
2357+60
325'
20+28
33'
19+50
33'
78'
248'
End Maint Agree Area No 44
Sta 29 31+05 ℄
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
I 91-3(15)
SHEET 40 OF 88
35
SCALE
0 50 100 150

Begin Relinquishment No. IV
7+50 22' Lt. (4167')

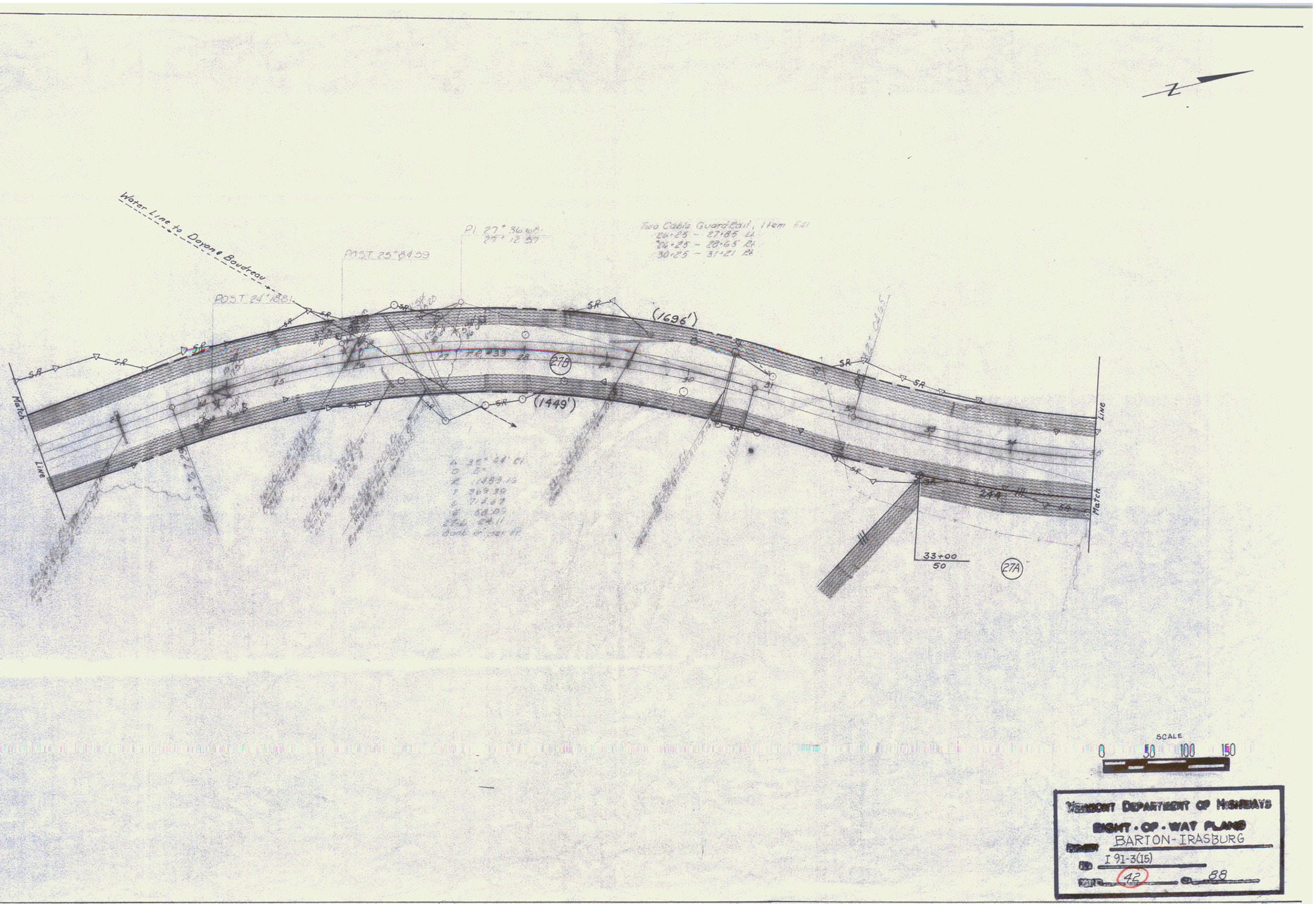
Type of Instr.	Date	Town	Book & Page
Agreement	Jan 23, 1975	Barton	59/180-82

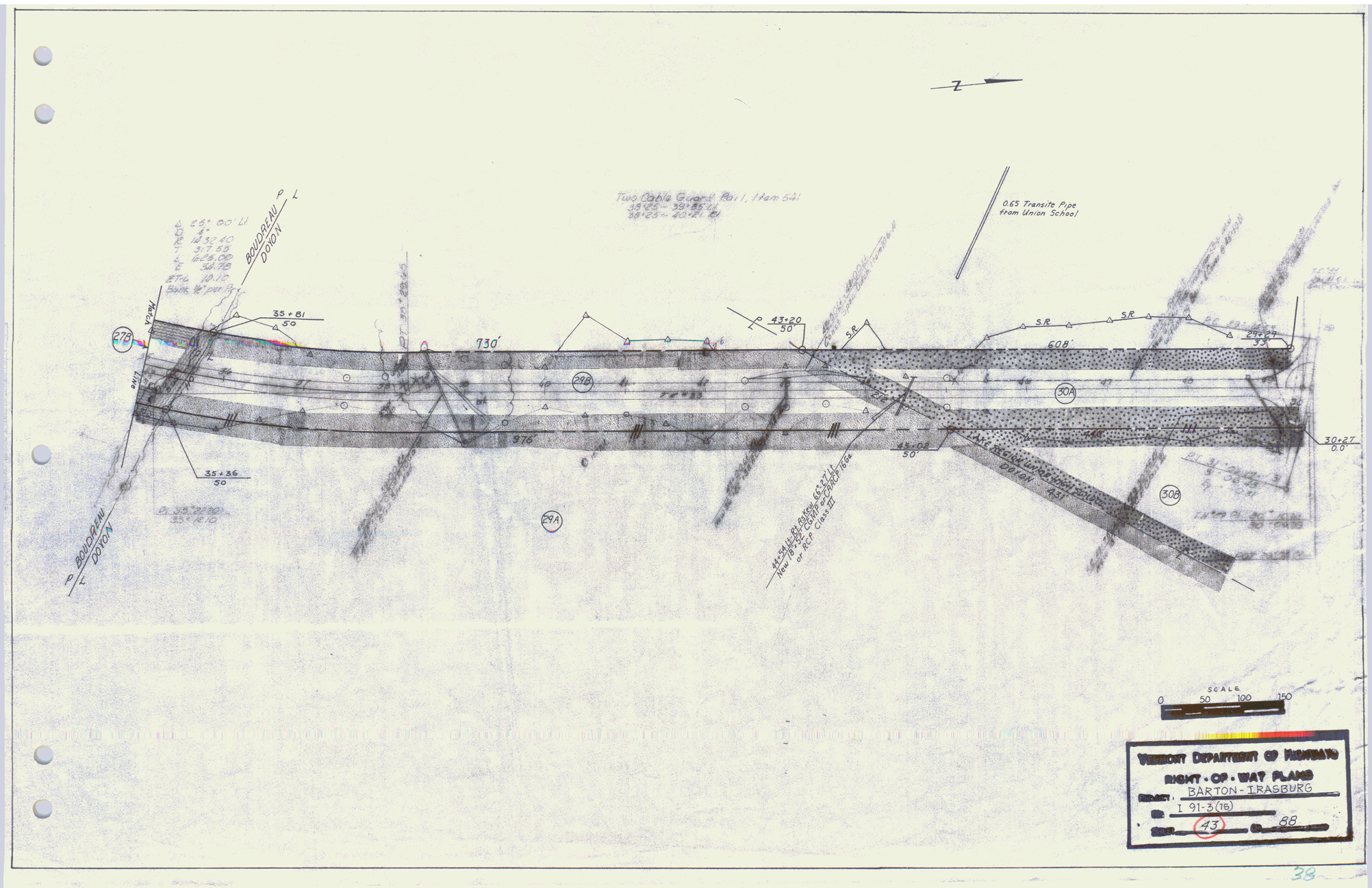
7+50 82'
7+50 50'
7+50 50'
72'
28'
25B
6+00 Begin Approach
9+00 End Approach Begin Construction
9+16.86
Δ 84°47'30" Lt
D 14°
R 409.86
T 373.65
L 606.60
E 148.89
Bank 9% over 17
390'
399'
24B
11+21 50'
GOSSELIN LABLANC ℄
GOSSELIN LANOUE
14+08 50'
GOSSELIN LANOUE
℄
487'
26B
13+17 50'
231'
26A
231+33 202'
LANOUE BOUDREAU
19+02 50'
1696'
27B
1456'
18+22 50'
LANOUE BOUDREAU
Match Line

SCALE
0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
NO I 91-3(15)
SHEET 41 OF 88

36


N
Water Line to Doyon & Boudreau
POST 24°18.81
POST 25°81.39
PI 27°36.98'
27°12.39'
Two Cable Guard Rail, Item 641
26+25 – 27+85 LT
26+25 – 28+65 RT
30+25 – 31+21 RT
(1696')
(1449')
27B
27A
Match Line
Match Line
Δ 35° 44' 51"
D 5°
R 1149.10
T 369.39
L 717.69
E 68.02
27+12.39
Bank Number 42
33+00
50
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
I 91-3(15)
SHEET 42 OF 88


Two Cable Guard Rail, Item 541
0.65 Transite Pipe from Union School
BOUDREAU
DOXON
P L
35+81
50
730'
43+20
50'
608'
27+27
35
30+27
0.0'
35+36
50
976'
45+02
50'
LANE REGION LINE
431
27B
28B
29A
30A
30B
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON - IRASBURG
I 91-3(16)
SHEET 43 OF 88

Type of Constr. Agreement	Date	Town	Book & Page
	Jan 23, 1975	Barton	59/180-82

End Relinquishment No. IV
49+17 ℄ (4167')

45+02
50'

30A

30B

44

2357+65
100

216'

HOULE

19+50
33

19+50
33

20+28
33

248'

29D

2358+05
100

DOYLE

45

2358+87
333

2358+75
398

29A

29+29
33

30+27

2360+64
150'

46

29C

27°40'LT

BUTLER

22+83
33

22+80
33

31

32

LAKE REGION UNION HIGH SCHOOL
TOWN OF BARTON, LESSOR
LAKE REGION UNION HIGH SCHOOL LESSEE

Canal Drive

TOWN OF BARTON LESSOR
WHITTEMORE LESSEE

Construct Drive
At Station 23+50 Lt.

School Drive

School Parking Lot

20+00
33

20+00
℄

20+00
33

280'

283'

TR#29 to be Built
in its Entirety During
Stage 1 Construction

Begin Relinquishment X
TH 29 20+00 ℄ (1027')

WHITTEMORE LESSEE

LONGEWAY LESSEE

SCALE
0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON - IRASBURG
I 91-3(15)
SHEET 44 OF 88

37

Rock Excavation Item 117
S.B. 2365+80 - 2367+25

* Three Cable Guard Rail w/ Steel Posts, Item 542
S.B. 2360+W - 2367+69 Rt
" 2360+36 - 2369+10 Lt
N.B. 2366+76 - 2368+00 Rt
" 2362+80 - 2366+16 Lt
" 2367+84 - 2370+00 Rt

* STAGE 2 CONSTRUCTION

End Relinquishment No. II
Begin Maint. Agree. Area No. 4
TH 29 30+27 E (678')

30+27
TR=29 ℄

2360+64
150'

BUTLER
620'

S.B. DOT 2359+67.03

1433' BUTLER

S.B. DOT 2374+22.44

2374+82
137'

BUTLER

N.B. DOT 2374+39.82

2373+32
36'

NORTH MAIN

Resume Roadway

308

29A

33

CHURCHILL

32+38
℄

PARK'S LINE

301'

2359+03
100'

2362+00
150'

DOYLE

N.B. DOT 2364+00.47

931'

DOYLE

N.B. DOT 2368+66.32

569'

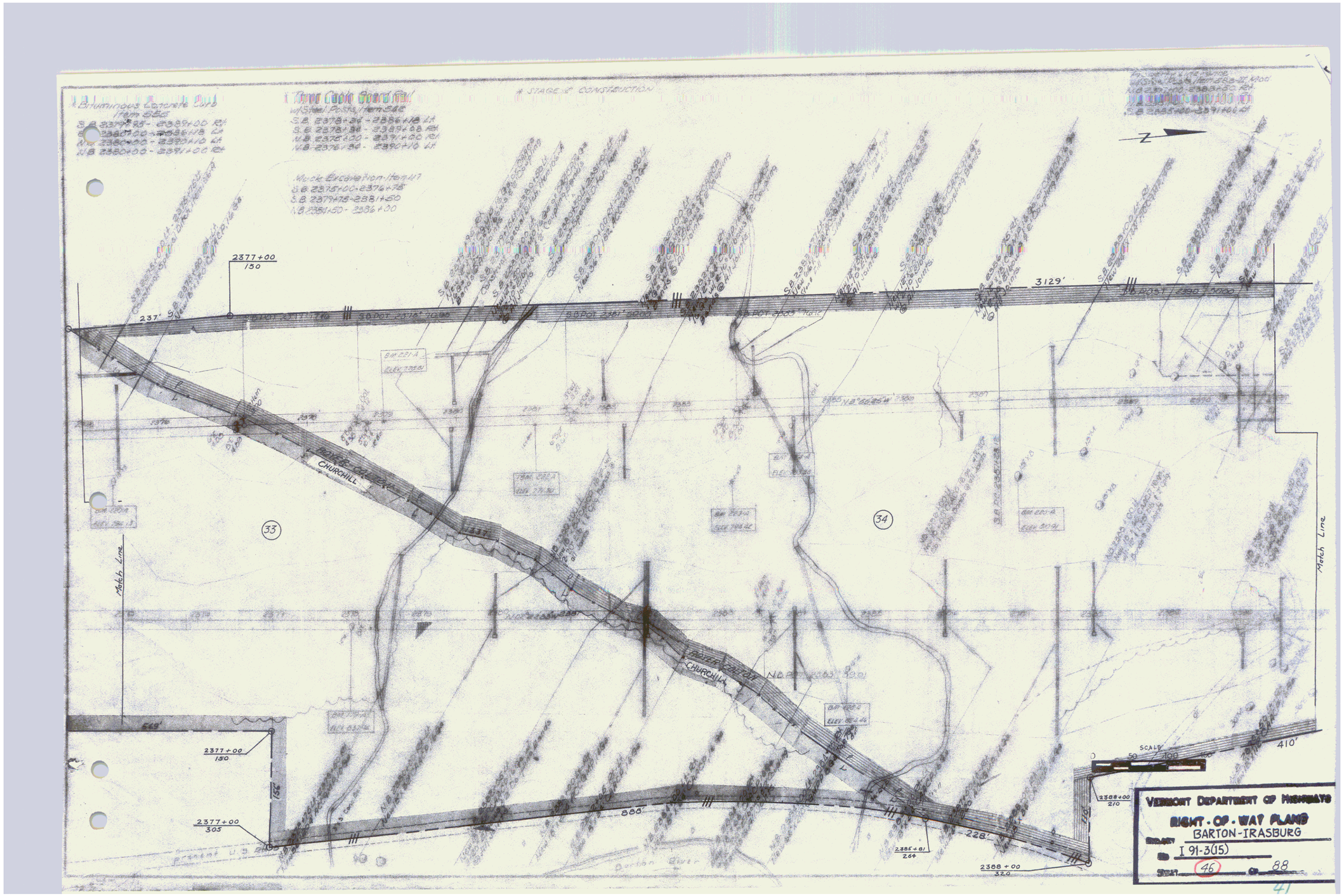
DOYLE

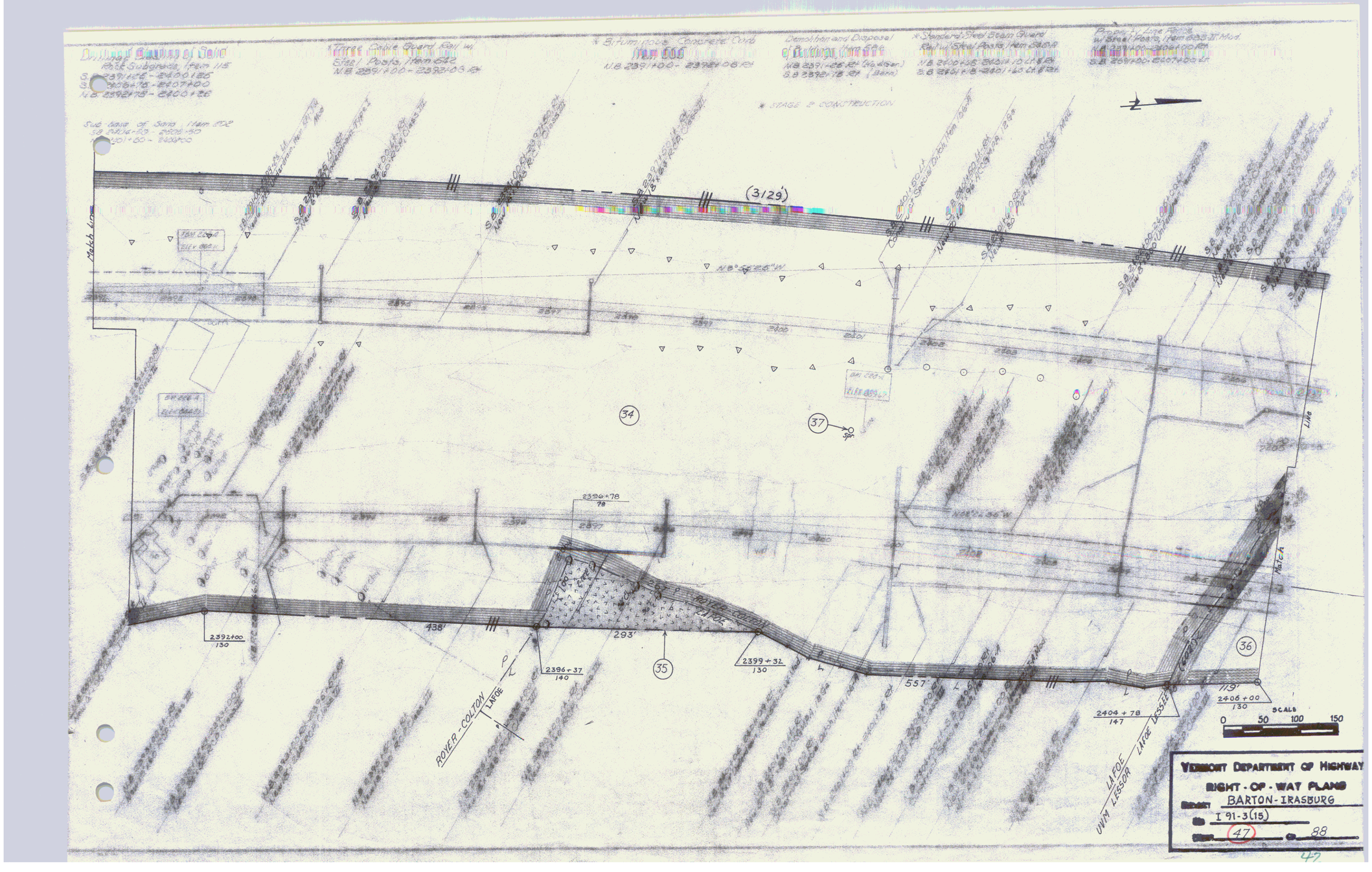
2371+31
150'

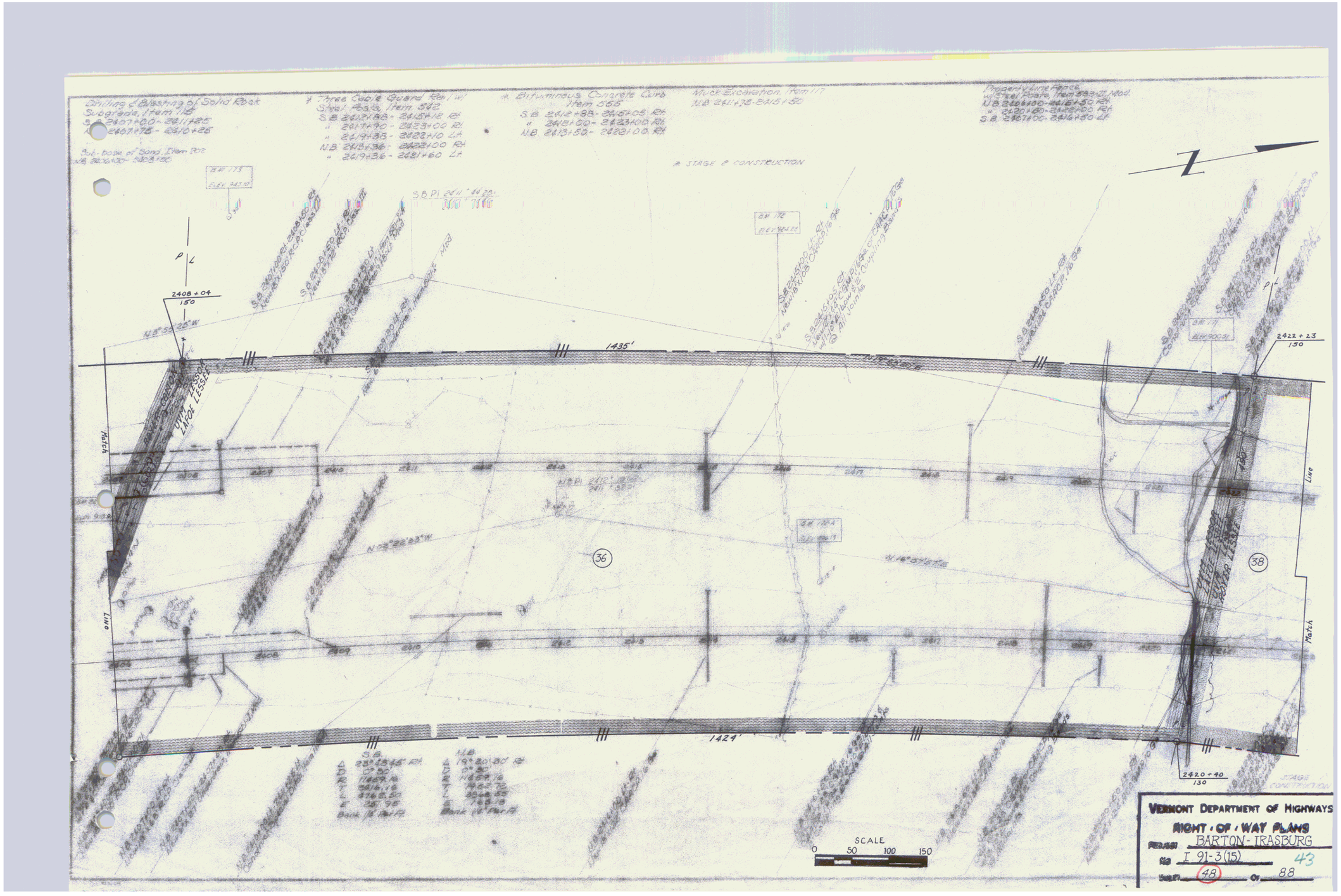
SCALE
0 50 100 150

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON-IRASBURG
I 91-3(15)
SHEET 45 OF 88

40


Bituminous Concrete Curb
Item 625
Type Curb Guard Rail
w/Steel Posts Item 612
* STAGE 2 CONSTRUCTION
Muck Excavation Item 117
2377+00
130
3129'
BM 221 A
ELEV. 1398.61
33
34
Match Line
CHURCHILL
2377+00
305
885'
228'
2385+81
264
2388+00
320
2388+00
270
410'
SCALE
0
50
100
150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON-IRASBURG
PROJECT I 91-3(15)
SHEET 46 OF 88


(3129')
N8°-46'-26"W
34
37
35
36
2392+00
130
438'
2396+37
140
293'
2396+78
78
2399+32
130
557'
2404+78
147
2406+00
130
ROYER-COLTON
LAFOE
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
I 91-3(15)
SHEET 47 OF 88


Drilling & Blasting of Solid Rock Subgrade, Item 118
S.B. 2407+00 - 2411+25
N.B. 2407+75 - 2410+25
Sub-base of Sand, Item 304
N.B. 2409+00 - 2409+50
* Three Cable Guard Rail w/ Steel Posts, Item 542
S.B. 2412+88 - 2415+12 Rt
" 2417+90 - 2423+00 Rt
" 2419+33 - 2422+10 Lt
N.B. 2418+36 - 2422+00 Rt
" 2419+36 - 2421+60 Lt
* Bituminous Concrete Curb Item 555
S.B. 2412+88 - 2415+05 Rt
" 2418+00 - 2423+00 Rt
N.B. 2413+50 - 2422+00 Rt
Muck Excavation Item 117
N.B. 2411+75 - 2415+50
Property Line Fence w/ Steel Posts, Item 613.21 Mod.
N.B. 2416+00 - 2416+50 Rt
" 2420+80 - 2422+00 Rt
S.B. 2407+00 - 2416+50 Lt
* STAGE 2 CONSTRUCTION
BM 173
ELEV. 343.10
BM 172
ELEV. 364.28
BM 171
ELEV. 390.91
P L
2408+04
150
2422+23
150
2420+40
130
1435'
1424'
N 8° 55' 25" W
N 13° 20' 30" W
N 16° 51' 15" E
Match Line
36
38
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
No. I 91-3(15) 43
SHEET 48 OF 88

Three Cable Guard Rail w/Steel Posts, Item 612
S.B. 2423+00 - 2423+66 Rt
N.B. 2422+00 - 2422+16 Rt

STAGE 2 CONSTRUCTION

Bituminous Concrete Curb Item 625
S.B. 2428+00 - 2423+50 Rt

Slope Grading Item 210
S.B. 2435+00 - 2440+00
N.B. 2424+75 - 2438+00

Guard Rail Steel Posts Item 612
N.B. 2428+00 - 2438+00 Rt
S.B. 2428+00 - 2430+00 Lt

N

S.B. 2433+50 Rt
New 18"x 60" C.M.P. 16 ga. or C.M.C.P. 12 ga. w/1-10 x 2 Coupling Bands @ All Joints

S.B. 2437+00 Rt
New 18"x 60" RCP, Class III

S.B. 2437+00 Lt
New 18"x 76" RCP, Class III

S.B. 2435+00 Lt
New 18"x 60" RCP, Class III

S.B. 2433+00 Rt
New 18"x 76" RCP, Class III

S.B. 2433+00 Lt
New 15"x 64" RCP, Class III

S.B. 2439+87
End 200' Guard Rail
Begin Access Fence/Line

S.B. 2439+87
200

P.I.

BM 120
ELEV. 965.93

1306'

N19°58'20"E

Match Line

38

39A

N19°58'20"E

Match Line

1250'

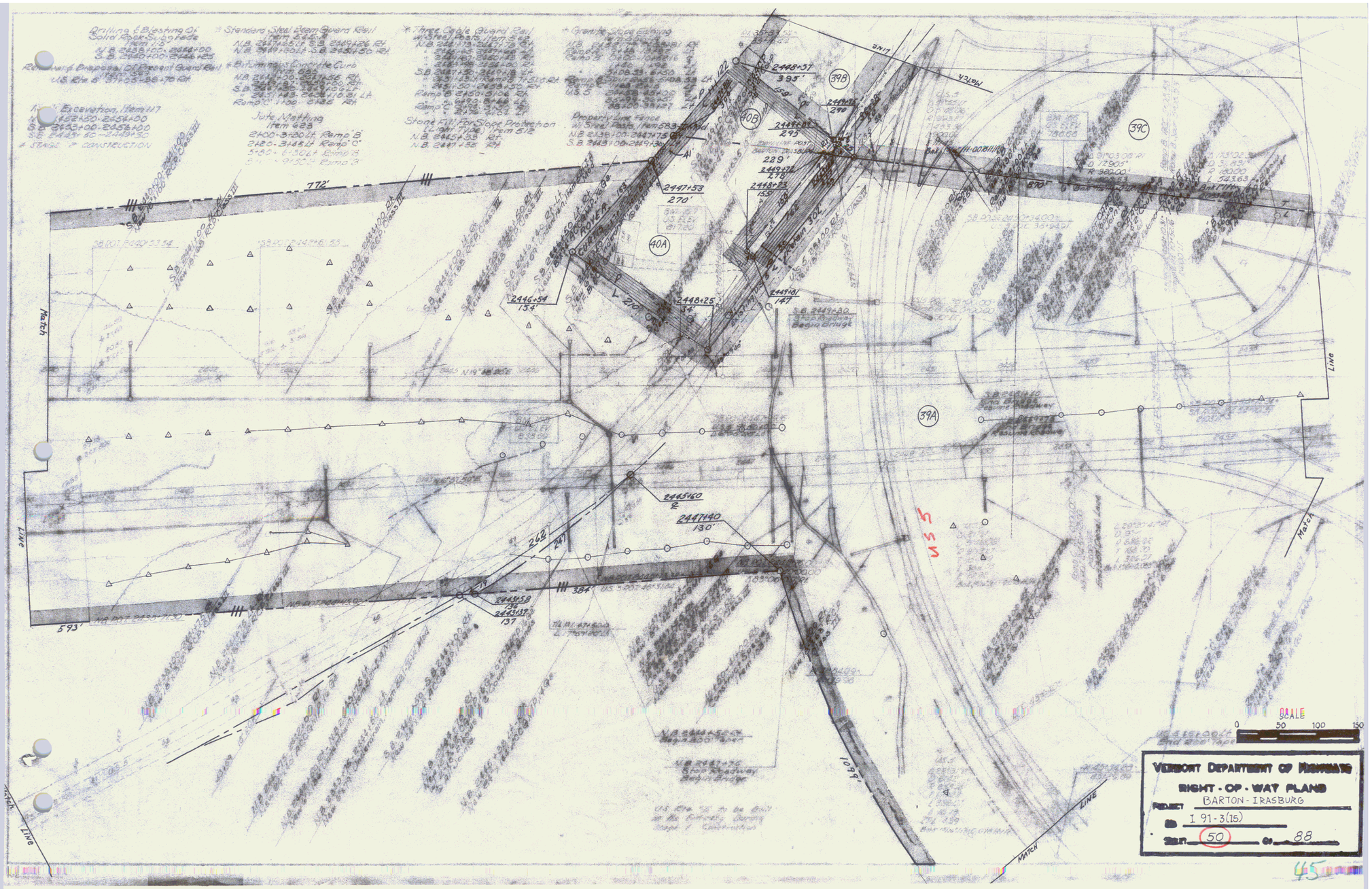
2437+49
147'

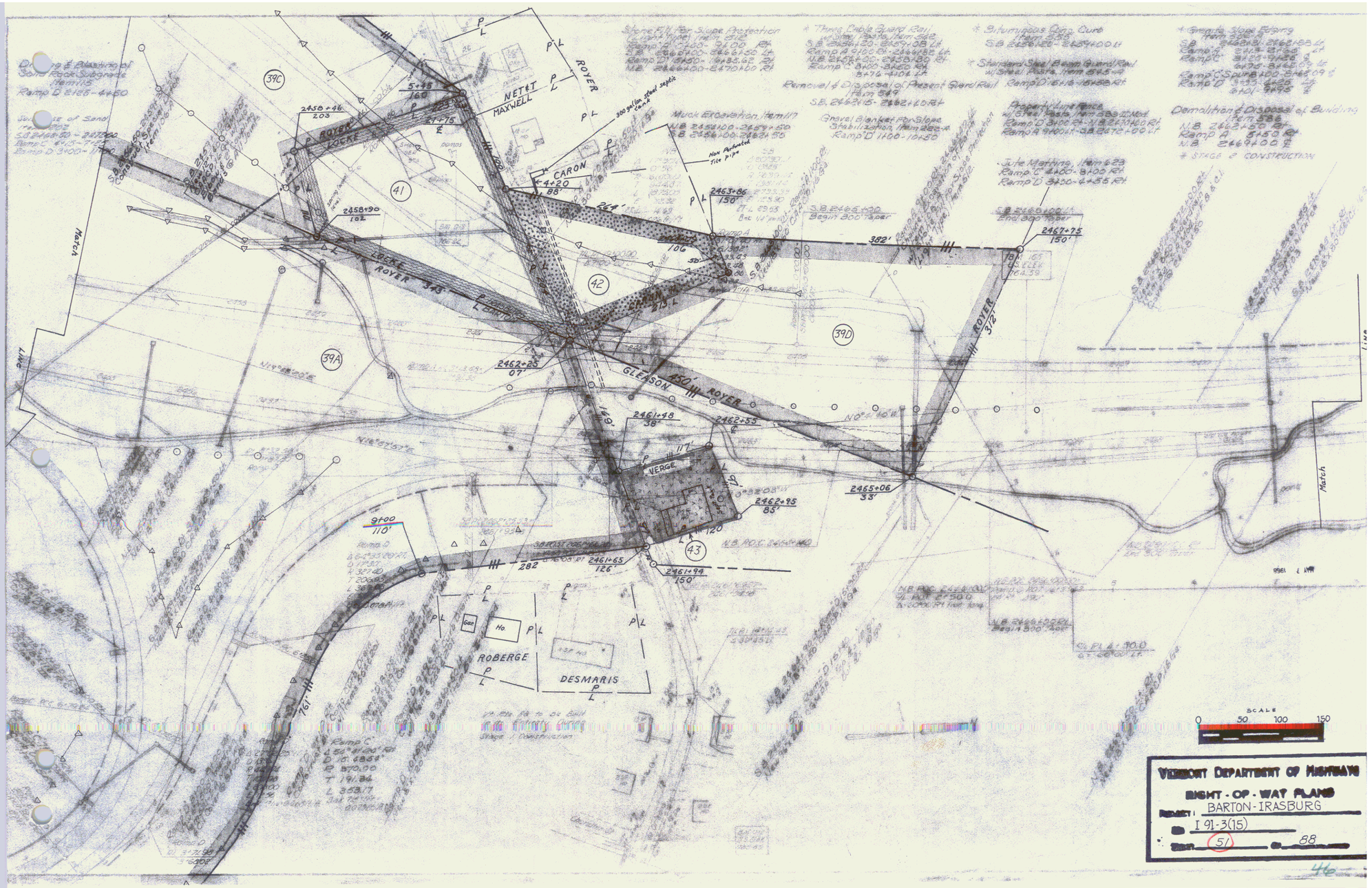
0 50 100 150

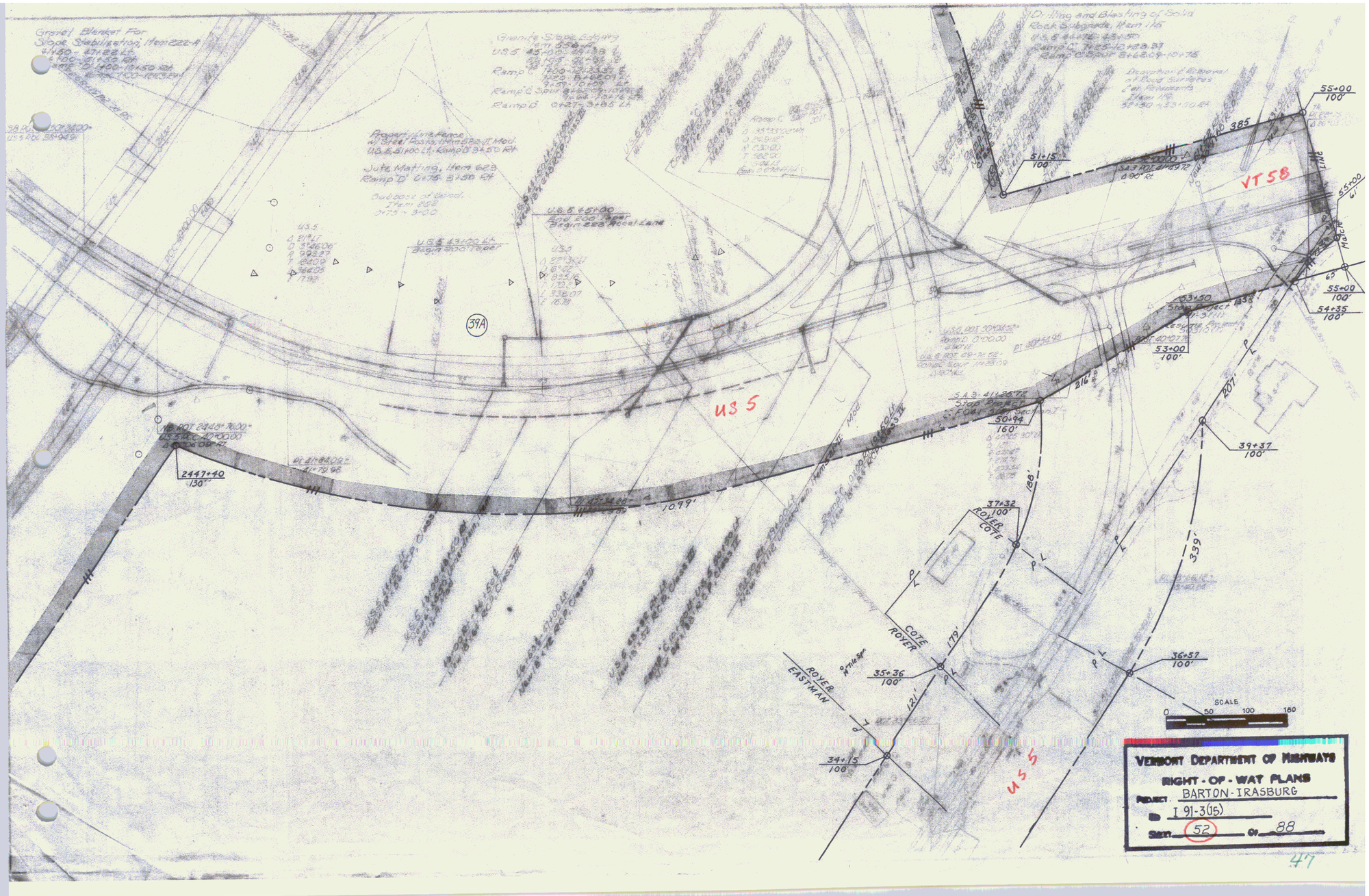
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON - IRASBURG
ID: I 91-3(15)
SHEET: 49 OF 88

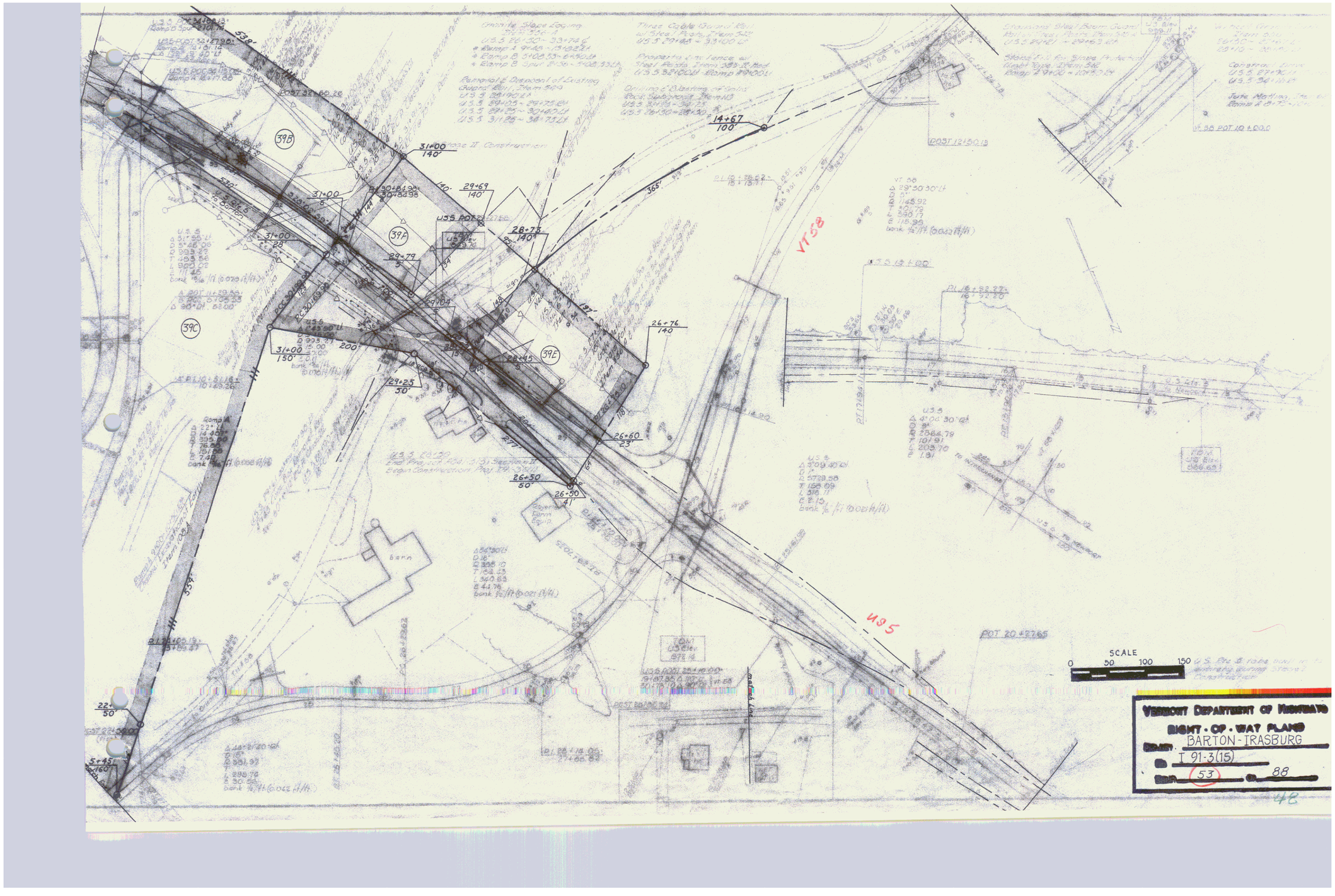
LOUIS LESSOR
ROGER LESSEE
ROYER

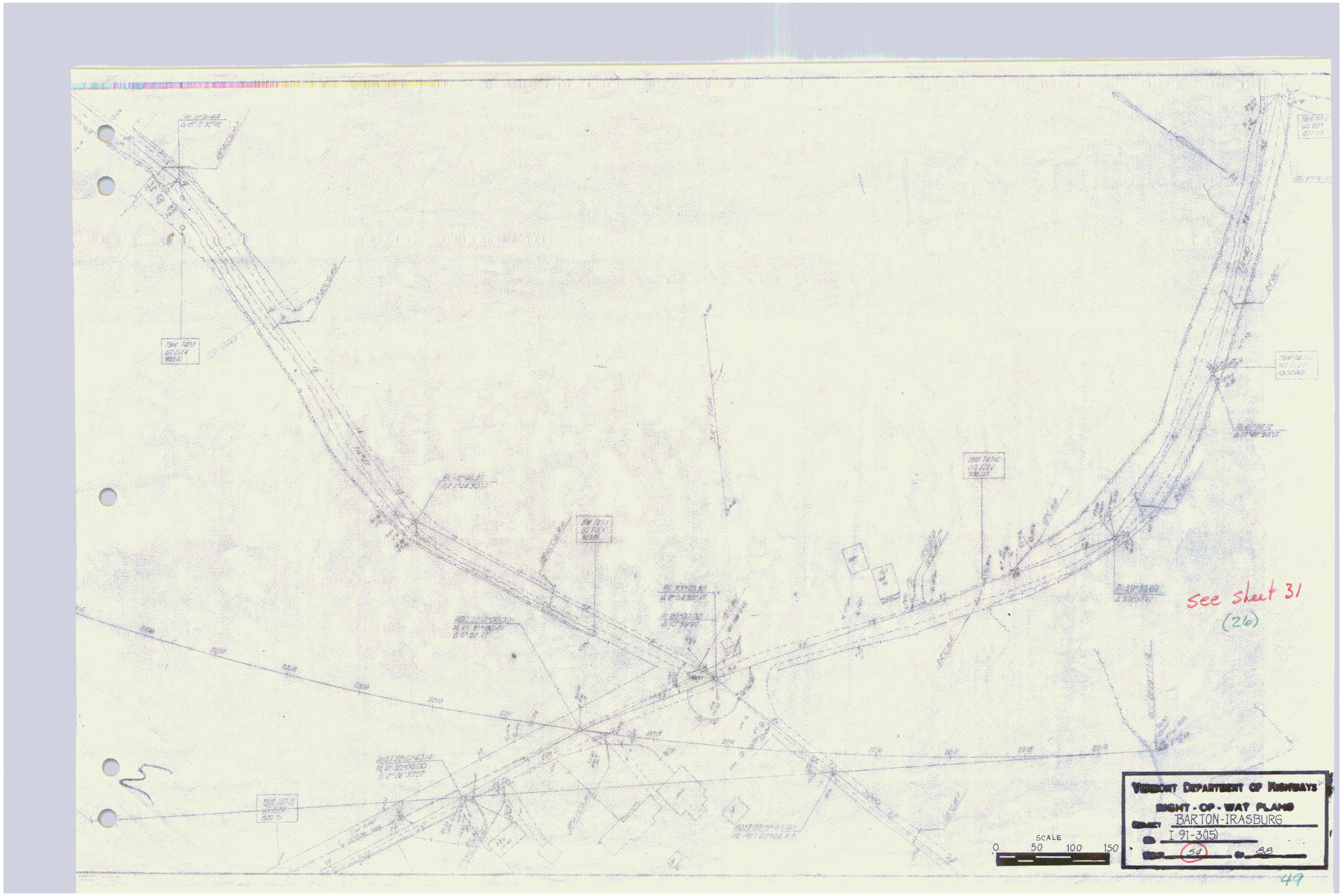
44

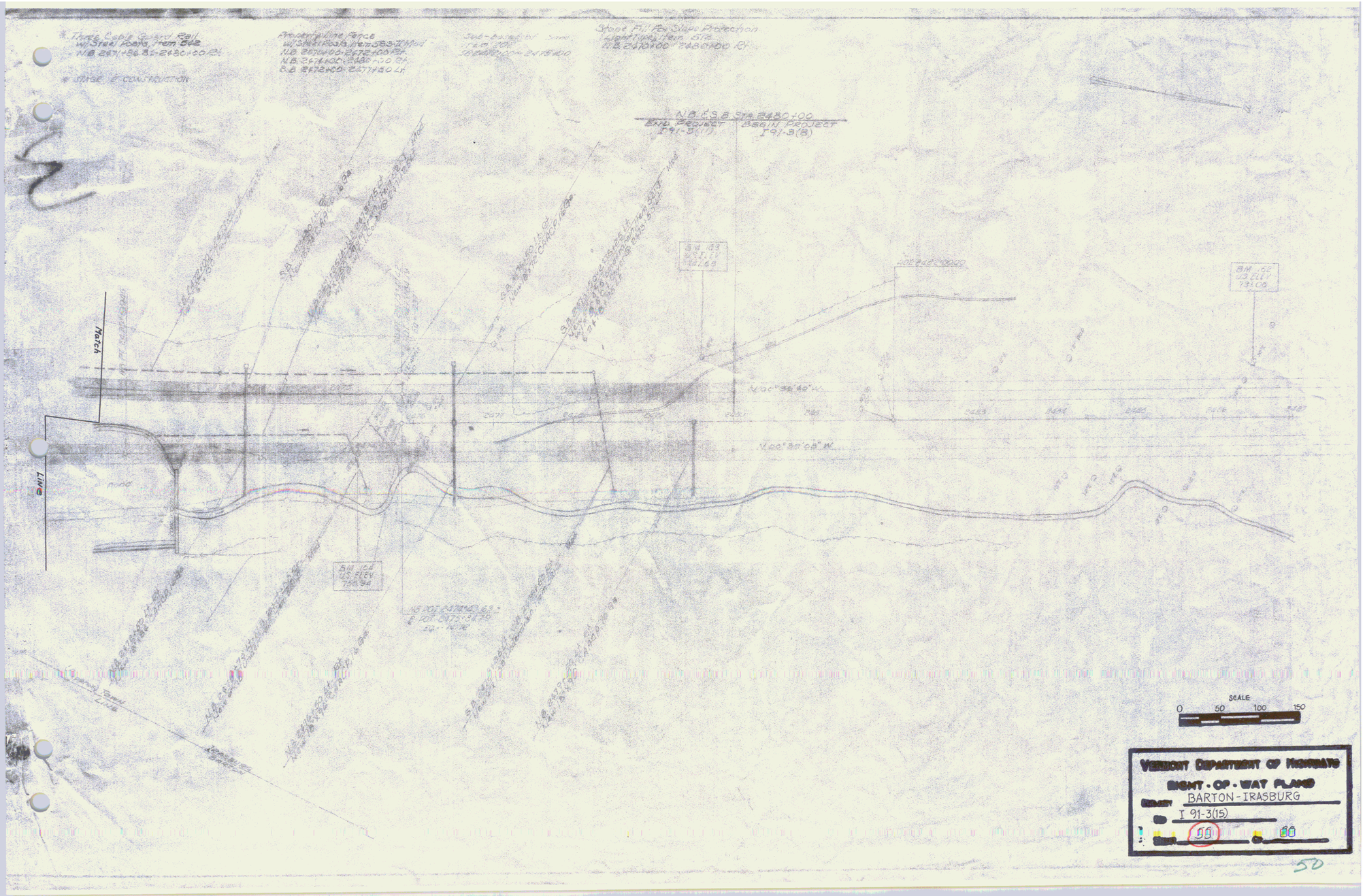

Drilling & Blasting Of Solid Rock, Subgrade
Item 115
Removal & Disposal Of Present Guard Rail
Item 616
Excavation, Item 117
Item 628
Item 629
Item 630
Item 631
Item 632
Item 633
Item 634
Item 635
Item 636
Item 637
Item 638
Item 639
Item 640
Item 641
Item 642
Item 643
Item 644
Item 645
Item 646
Item 647
Item


NETT MAXWELL
CARON
LOCKE
ROYER
CHAMPAGNE
GLEASON
VERGE
ROBERGE
DESMARIS
Match
Match
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
ID: I 91-3(15)
SHEET 51 OF 88
46


Gravel Blanket For Slope Stabilization, Item 222-A
Granite Slope Lighting
Property Line Fence w/ Steel Posts, Item 612.11 Mod.
Jute Matting, Item 623
Ramp D 0+76.5 to 5+50 Rt
Subbase of Gravel, Item 858
Drilling and Blasting of Solid Rock Subgrade, Item 116
Boundary of Removal of Rock Surfaces Per Provisions Item 116
US 5
VT 58
39A
55+00
100'
54+35
100'
53+50
53+00
100'
50+94
160'
39+37
100'
37+32
100'
36+57
100'
35+36
100'
34+15
100'
2447+40
130'
339'
207'
216'
188'
179'
121'
ROVER
COTE
ROVER
EASTMAN
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
I 91-3(15)
SHEET 52 OF 88
47


VT 58
U.S. 5
39B
39F
39C
39E
31+00
140'
29+69
140'
28+78
140'
26+76
140'
31+00
150'
29+25
50'
26+60
23'
26+50
50'
26+50
41'
14+67
100'
31+00
28
29+79
5
29+04
5
28+45
5
22+
50'
5+45
160'
barn
Three Cable Guard Rail
w/ Steel Posts, Item 540
U.S.5 29+45 - 33+00 Lt
Construct Steel Beam Guard
Rail w/ Steel Posts, Item 540
U.S.5 29+20 - 29+63 Rt
Steel Rail to Stone Protect
Guard Rail, Item 540
Ramp A 9+20 - 10+15.54
Construct Curb
U.S.5 27+76 Lt
U.S.5 34+11 Rt
Jute Matting
Ramp A 9+75 - 10+15
Ramp A 9+20 - 10+15.54
Ramp B 9+49 - 9+82.21
Ramp B 31+00.53 - 31+28.33 Lt
Ramp B Spur 31+36 - 31+28.33 Lt
Ramp A 16+17.88
Ramp B 30+84.39 - 30+82.38
Ramp B 2100.78
Ramp B 2200.78
Ramp A 2000.00
Ramp A 2100.78
Ramp A 2200.00
Ramp A Item 104
Ramp B Item 104


VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON-IRASBURG
I 91-3(15)
SHT. 54 OF 88
SCALE
0 50 100 150
see sheet 31
(26)
49


Three Cable Guard Rail w/Steel Posts from SB2
N.B. 2471+86.35-2480+00 Rt.
* STAGE 'B' CONSTRUCTION
Property Line Fence w/Steel Posts, Item 583.11 Mod
N.B. 2474+00-2472+00 Rt.
N.B. 2471+00-2480+00 Rt.
S.B. 2472+00-2477+80 Lt.
Sub-base for Item 704.10 (Type 2) 2415+00
Stone Fill for Slope Protection Right Side, Item 612
N.B. 2470+00 - 2480+00 Rt.
N.B. F.S.B. Sta. 2480+00
End Project I 91-3(17)
Begin Project I 91-3(18)
BM 103 US ELEV 751.64
BM 102 US ELEV 731.06
Sta 2465+00.00
N 00° 38' 40" W.
N 00° 38' 08" W.
March Line
Sta 154 US ELEV 754.34
Property Line
Vermont Department of Highways
Right-of-Way Plans
Barton - Irasburg
I 91-3(15)
SCALE
0 50 100 150
50

INDEX OF SHEETS

1. Title Sheet
2-3. Alignment Sheets
4-6. Roadway Typical Sheets
7. Summary of Quantities
8-15. Construction Details
16-26. Profile and Base Grade
27-67. Plans and Profiles
68. Industrial Boards Details - Area of Partial Right of Way Acquisition
BRIDGE I 91 OVER PA 42 STATION 217+89
69. Preliminary Information
70. Plan and Elevation
71. Quantity Sheet
BRIDGE I 91 OVER TR 100 STATION 221+25
72. Preliminary Information
73. Plan and Elevation
74. Quantity Sheet
BRIDGE I 91 OVER TR 102 STATION 235+25
75. Preliminary Information
76. Plan and Elevation
77. Quantity Sheet
78-79. Traffic Sign Location Sheets
80. Delineator Location Sheet
81-82. Sign and Fence Post Detail Sheets
83. Sign Support Detail Sheet
84. Plywood Sign Assembly and Construction Detail Sheet
85. Guide Signs
87-88. Traffic Sign and Delineator Summary Sheets
89. Blank
90. 8-16 Rest Turnouts 7/21/67
91. 8-17 Guard Rail in Median at Bridges 1/26/71
Ends, Bollards & Mast. Items
92. G-1 Traffic Markers 2/1971
93. G-3 Traffic Markers 7/19/67
94. 8-11 C.I. Cover for Flushing Basins 12/1/70
95. 8-11 Intersection Field Markers 11/1/67
96. E-12 Miscellaneous Items 3/1971
97. E-13 State Wide Markers 8/1971
98. E-14 Supplementary Signs 8/1971
99. E-15 Permit Entry Signs 8/1971
100. E-16 Warning Signs 12/1/69
101. E-17 Guide Signs 11/1/70
102. E-20 Delineation, Hazard Markers 11/1967
and Mile Posts
103. E-19 Mile Marker and Delineator 12/1/70
Bridge Heads
104. E-22 Breakaway Type Delineator 2/1971
Sign Supports
105. E-23 Traffic Signs Fabrication Sizes 2/1969
Supports
106. E-25 Standard Sign Placement 2/1969
107. E-26 Standard Sign Placement 2/1969
108. E-41 Mortise Concrete Sign 2/1971
109. G-12 Road Cont. Approach Slope 5/1971
110. G-9 Cut Ditch Cross Slopes 5/1971
111. G-1 Std. Steel Guard Rail 9/1970
112. G-5 Guide Posts 12/1/69
113. G-6 Steel Cable Guard Rail, Wire 9/1970
Steel Posts and Anchors
Wood G-7 Timber Railing for Bridge 9/1970
Approaches
114 J-1 Erection of proj. markers 5/1/55

BARTON EMP I 91-3(19)

RECORD PLANS — PAVEMENT AREA

MATERIALS — 146,980 S.Y.

SUBBASE OF GRAVEL—SOULIERE PIT—IRASBURG, VT.
SUBBASE OF SAND—FISK PIT—BARTON, VT.
SUBBASE OF DENSE GRADED CRUSHED ROCK—LANE SCHULER PIT—DERBY, VT.
PLANT MIXED BASE COURSE & BITUMINOUS CONCRETE PAVEMENT—INKATRON PAVING CORP.(80%)—COVENTRY, VT
ASPHALT—HUMBLE—EVERETT, MA.
GRITS—WATERLOO MARBLE, LTD.—WATERLOO, QUE.
JOINT SEALER, HOT POURED—W.R. GRACE & CO.—CHICAGO, ILL.
METAL CULVERT PIPE—LANE PIPE CORP.—BALLISTON, N.Y.
EPOXY MORTAR COMP. & EPOXY COATING COMPOUND—DURAL INTERNATIONAL CORP.—DEER PARK, N.Y.
CAST IRON COVER FOR FLUSHING BASINS—E.L. LEBARON FOUNDRY CO.—BROCKTON, MA.
INSULATION BOARD—DOW CHEMICAL CO.—MIDLAND, MICH.
GUARD RAIL & EROSION CONTROL ITEMS—S.T. GRISWOLD & CO., INC.—WILLISTON, VT.

CONTRACTOR—THE LANE CONST. CORP. MERIDEN, CT.
CONTRACT DATED—DEC. 28, 1971.
STARTED—MAY 1, 1972.
COMPLETED & ACCEPTED—NOV. 22, 1972.
RES. ENG.—WILLIAM F. MURPHY.
INSPECTORS—S.N. SCHILLES, G.H. HALL, S.L. MURRAY, B.H. [illegible], P.W. HYES, L.J. MOYES, J.E. ROGERS, U.E. BUMPS, M.G. HUTCHINS, H.E. BUMPS, K.R. LEACH, R.S.

CASSIDY, K. WASHER
S.N.E. MURRAY
RECORD PLANS
AS BUILT

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

BARTON

COUNTY OF ORLEANS

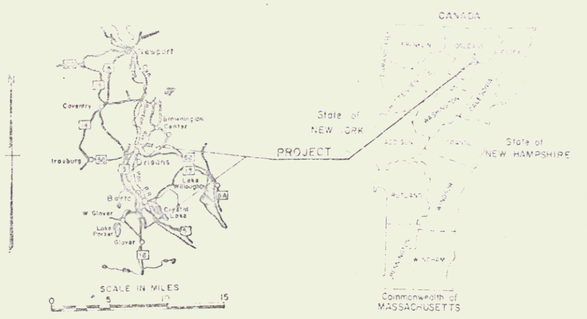
INTERSTATE ROUTE 91

ST. JOHNSBURY-NEWPORT ROAD

BEGINNING AT A POINT APPROXIMATELY 5.678 MILES SOUTHERLY OF THE BARTON—IRASBURG TOWN LINE AND EXTENDING NORTHERLY 5.216 MILES.

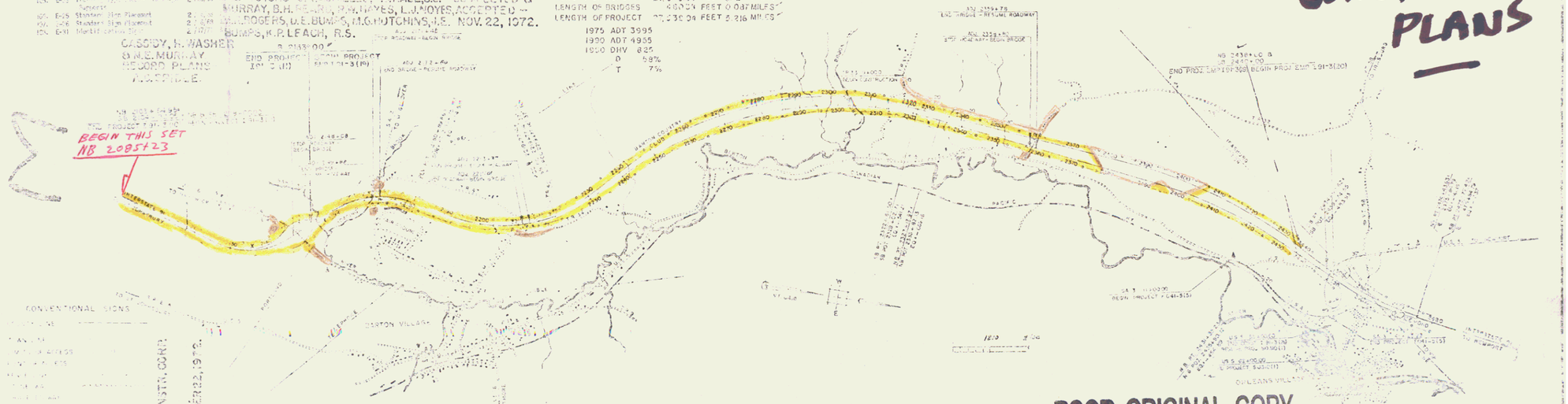
LENGTH OF ROADWAY 27,013.26 FEET 5.12 MILES
LENGTH OF BRIDGES 460.04 FEET 0.087 MILES
LENGTH OF PROJECT 27,530.04 FEET 5.216 MILES

1975 ADT 3995
1990 ADT 4955
1990 DHV 825
D 58%
T 7%



= LIMITED ACCESS PURCHASE.
= NON-LIMITED ACCESS PURCHASE.
= AS BUILT R.O.W. FENCE.

CONSTRUCTION PLANS



B 2085+23 To 2440+00

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Barton of I 91
(To Be Returned To R.O.W. Division)

POOR ORIGINAL COPY

JUL 12 1974

51

END PROJECT I-91-3(10) | BEGIN PROJECT I-91-3(11)

END CONTRACT 5
SB 2104 + 92.05

Equation

#257

SB 2101 + 00 Rt. - 2102 + 00 Lt.
New 24" x 24" ACCOMP., 16 ga.

SB 2102 + 10 - 2104 + 85 Rt.
New 6" x 2'0" Underdrain, Type I

SB 2104 + 85 Rt. - SB 2104 + 90 Lt.
New 6" x 68' Pipe, Type II

P.O.T. = 2101+17.05

P.O.T. = 2101+42.05

P.O.T. = 2119+39.00

P.O.T. = 2123+20.49

P.C. = 2127+62.00

P.O.T. = 2123+43.16

P.O.T. = 2119+00.00

P.O.C. = 2098+00.00

P.C. = 2102+12.00

P.T. = 2099+12.71

P.O.T. = 2101+25.00

EQUALITY

EQUALITY

Electric Power Pole #258
26.38'

2" Hub
30.42'

ELECTRIC WIRE

HIGH

3" Cedar
3.80'

N 03°-25'E

3" Cedar
4.17'

4" Spruce
12.10'

7" Larch
37.69'

7" Cedar
9.43'

6" Cedar
14.14'

3" Birch
13.47'

11" Cedar
14.25'

4" Birch
6.71'

10" Hemlock
4.34'

6" Larch, 6.37'
7.23'

N 01°-55'E

Mark on Rock
6.93'

B.M. #106 2103'

Mark on Rock
16.73'

3" Larch
8.29'

9" Larch
18.18'

10" Larch
9.02'

7" Larch
7.53'

4" Spruce
20.61'

Birch
12.24'

Poplar
13.61'

Cedar
18.30'

Spruce
16.02'

2" Hub
4.64'

Hemlock
17.61'

4" Spruce
34.60'

3" Spruce
34.01'

6" Spruce
32.07'

3" Spruce
10.20'

5" Spruce
13.00'

SB 44.83'
Post
NB 48.32'

5" Spruce
13.68'

4" Spruce
13.30'

4" Spruce
14.11'

2098 2099 2100 2101 2102 2103 2104 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128

SB 2100+00 Rt. - SB 2101+50 Rt.
New 24" x 12" ACCOMP., 14 ga.

NB 2100+50 - 2103+54.95 Rt.
Construct Berm, Item 105A

NB 2103+40 Rt. - 2103+90 Lt.
New 6" x 2'0" Underdrain, Type I

NB 2103+40 Rt. - 2103+90 Lt.
New 6" x 62' Pipe, Type II

B.M. 105
U.S. ELEV.
1028.859

B.M. 106
U.S. ELEV.
1025.599

TREE ACROSS

END CONTRACT 5
NB 2103+54.95

END PROJECT I-91-3(10) | BEGIN PROJECT I-91-3(11)

PLAN
PROFILE
ALIGNMENT
RIGHT OF WAY
NOTE BOOK
MU
CHECKED
PACED

0 50 100
SCALE IN FEET

CONTRACT NO. 5
STAGE I CONSTRUCTION

TOWNS OF LYNDON-BARTON

PROJECT I-91-3(14)
SECT. II

STA. 2098+00 NB / 2099+00 SB TO STA. 2103+54.95 NB / 2104+92.03 SB

Sheet No. 17 of 34 Sheets

BLAUVELT ENGINEERING CO. ORLEANS, VERMONT

MAY 9 1974

52

Gravel Backfill for Slope Stabilization, Item 222-A Mod.
N.B. 2118+00 ~ 2120+00 Rt.

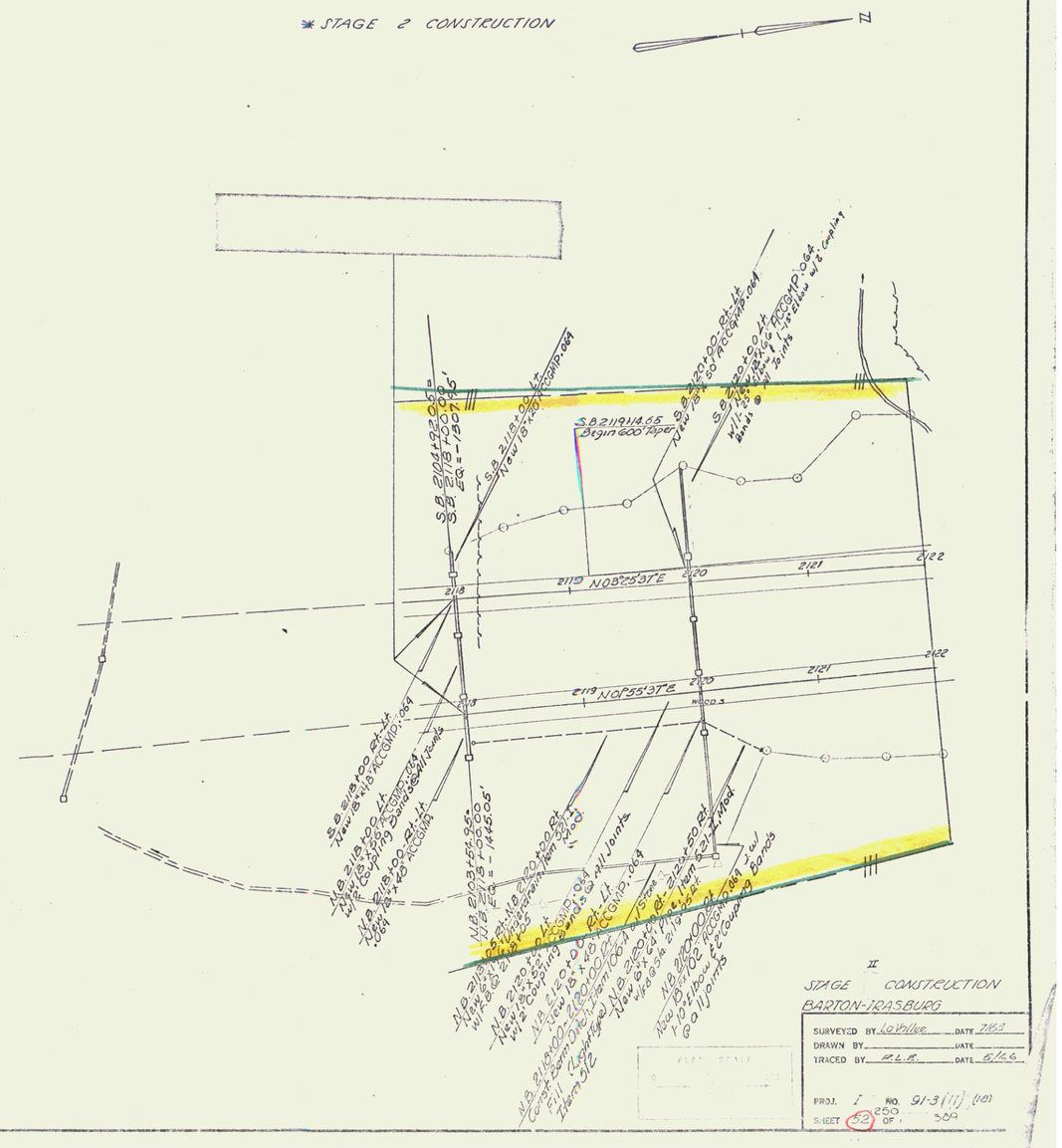
Sub-base of Sand, Item 202
N.B. 2118+00 - 2119+75

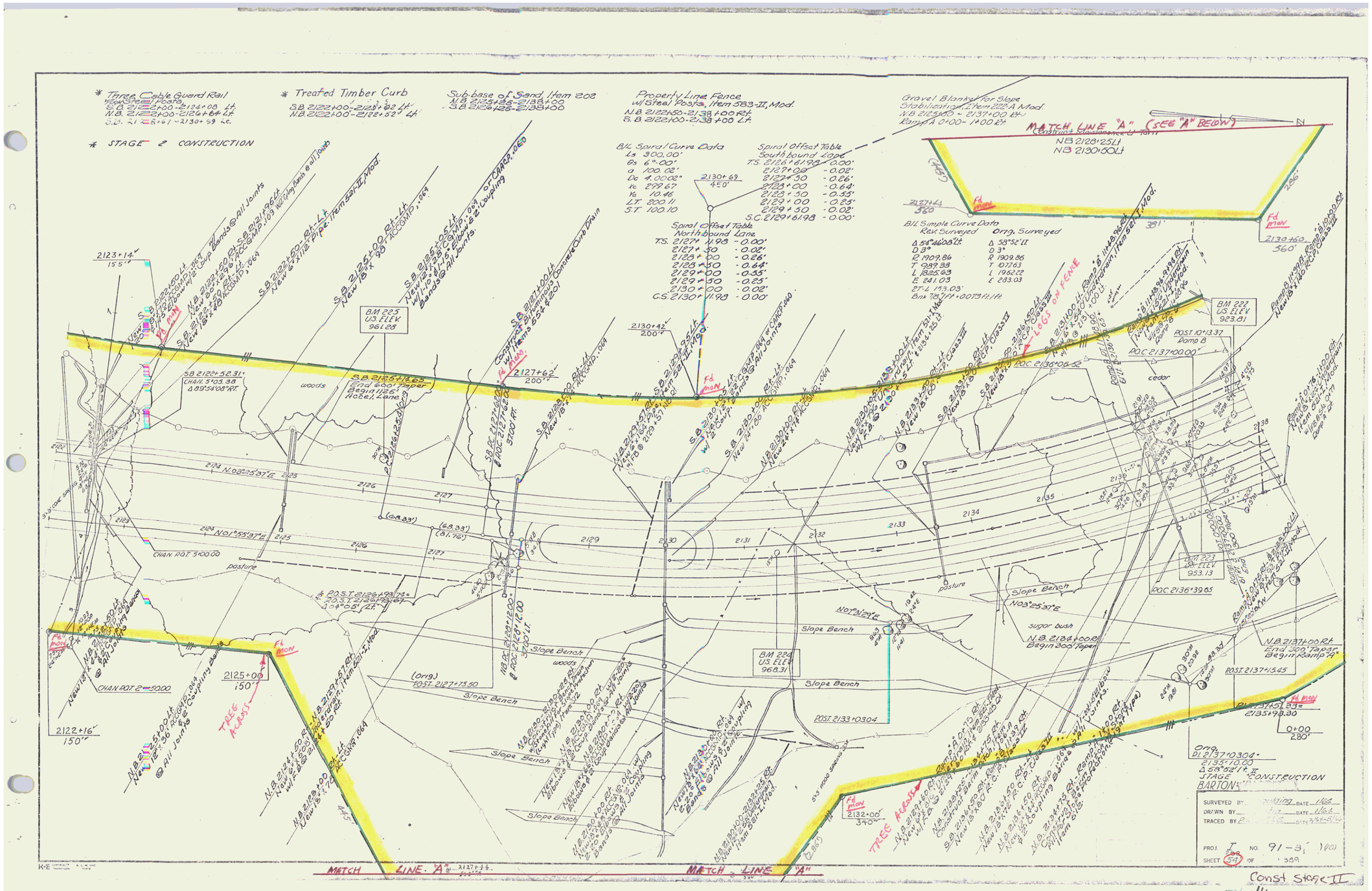
* Three Cable Guard Rail Left (W/ Steel Posts
S.B. 2118+00 - 2122+00 Lt.
N.B. 2118+00 - 2122+00 Lt.

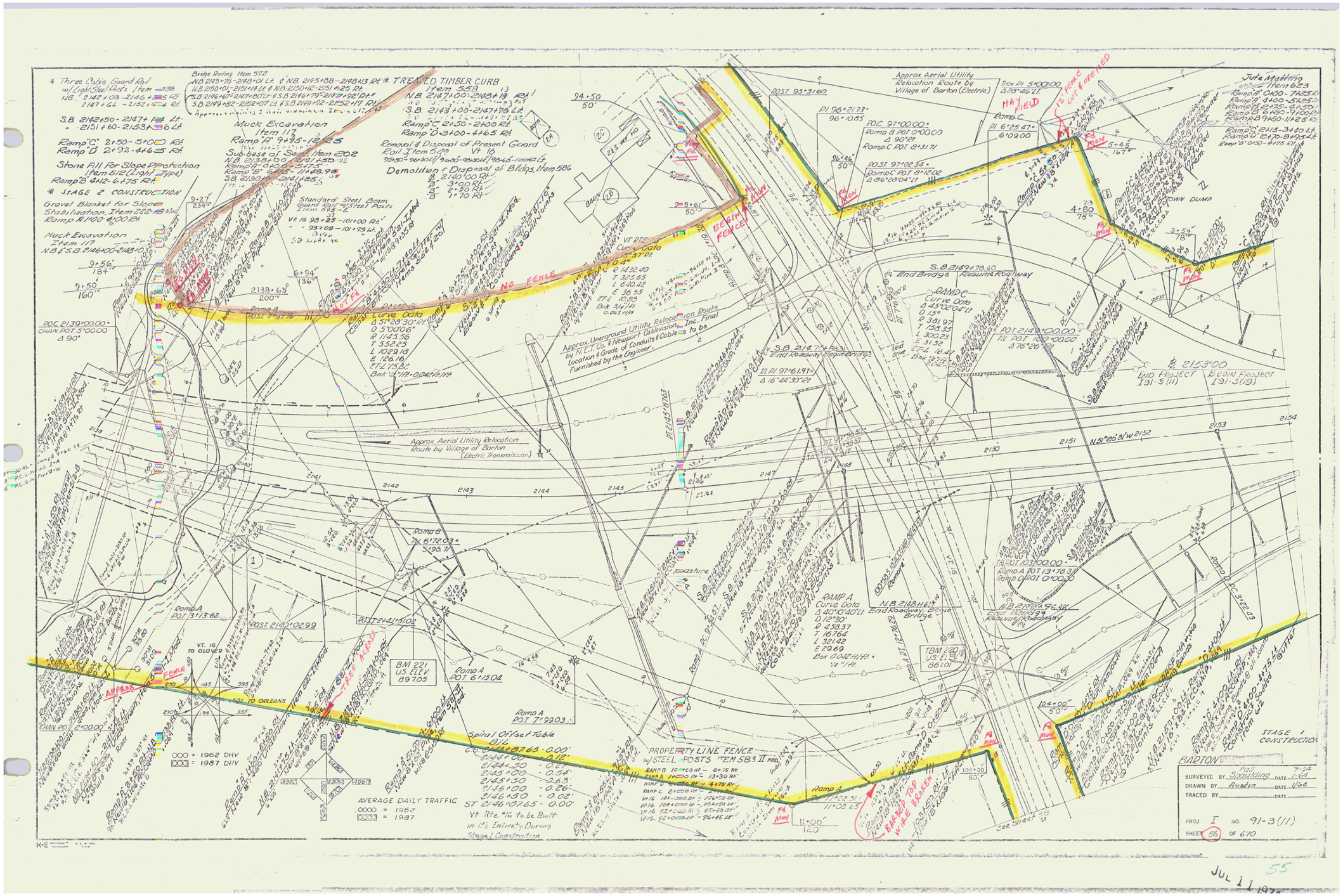
* Treated Timber Curb
S.B. 2118+00 - 2122+00 Lt.
N.B. 2118+50 - 2122+00 Lt.

Property Line Fence w/ (Steel) Posts, Item 583-II, Mod.
N.B. 2118+00 - 2122+00 Rt.
S.B. 2118+00 - 2122+00 Lt.

* STAGE 2 CONSTRUCTION

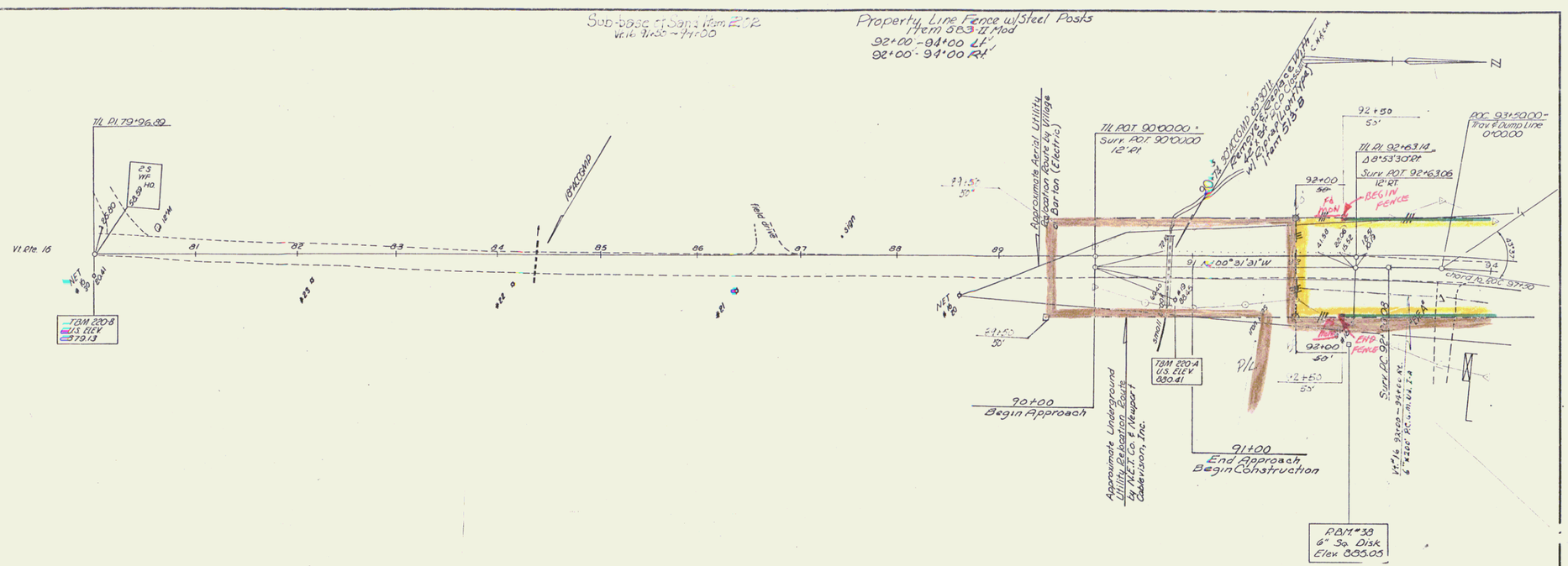

N
S.B. 2119+22.00 ℄
S.B. 2118+00 BK
EQ = 122.00'
S.B. 2119+14.65
Begin 600' Taper
S.B. 2120+00 Rt. Lt.
50' RT. COMP. 064
S.B. 2120+50 Lt.
Rt. 25' RT. COMP. 064
Lt. 25' RT. COMP. 064
Lt. 2 Lanes Stone
Base Course
Item 204
Lt. 2 Lanes Stone
Base Course
Item 204
Lt. 2 Lanes Bituminous
Base Course
Item 302
Lt. 2 Lanes Bituminous
Surface Course
Item 502
Lt. 2 Lanes Bituminous
Surface Course
Item 502
Lt. 2 Lanes Bituminous
Surface Course
Item 502
Lt. 2 Lanes Bituminous
Surface Course
Item 502
N.B. 2119+00 Rt.
New 18"x18" RCCP
W/ 2 Coupling Bands
N.B. 2120


* Three Cable Guard Rail W-Beam Posts S.B. 2122+00-2124+08 Lt. N.B. 2122+00-2126+64 Lt. S.B. 21 C 8+91 - 2130+59 Lt.
* Treated Timber Curb S.B. 2122+00-2128+82 Lt. N.B. 2122+00-2122+52 Lt.
Sub-base of Sand, Item 208 N.B. 2135+88-2138+00 S.B. 2126+28-2138+00
Property Line Fence w/Steel Posts, Item 383-II, Mod. N.B. 2122+50-2138+00 Rt. S.B. 2122+00-2138+00 Lt.
Gravel Blanket for Slope Stabilization, Item 222 A Mod. N.B. 2123+40 - 2137+00 Lt. Ramp A 0+00 - 14+00 Lt.
* STAGE 2 CONSTRUCTION
MATCH LINE "A" (SEE "A" BELOW)
Construct Slope Drain, Item 541, Mod.
N.B. 2128+25 Lt
N.B. 2130+50 Lt
B/L Spiral Curve Data
Ls 300.00'
θs 6°-00'
a 100.02'
Dc 4.00.00°
Rc 292.67
ks 149.45
LT 200.11
ST 100.10
Spiral Offset Table Southbound Lane
TS. 2128+61.98 - 0.00'
2127+00 - 0.02'
2127+50 - 0.26'
2128+00 - 0.64'
2128+50 - 0.53'
2129+00 - 0.25'
2129+50 - 0.02'
S.C. 2129+61.98 - 0.00'
Spiral Offset Table Northbound Lane
TS. 2127+11.98 - 0.00'
2127+50 - 0.02'
2128+00 - 0.26'
2128+50 - 0.64'
2129+00 - 0.55'
2129+50 - 0.25'
2130+00 - 0.02'
C.S. 2130+11.98 - 0.00'
B/L Simple Curve Data
Rev. Surveyed: Δ 58°46'08" Lt. D 3° R 1909.86 T 989.38 L 1825.63 E 241.03 27-L 153.03' Bnk 7.8 1/4 - 0.0079 ft./ft.
Orig. Surveyed: Δ 58°32' Lt. D 3° R 1909.86 T 1017.63 L 1962.22 E 283.03
BM 225 US ELEV 961.28
BM 222 US ELEV 923.81
BM 223 US ELEV 953.13
BM 224 US ELEV 968.31
2123+14 15'5"
2122+16 150'
2125+00 150'
2127+62 200'
2130+42 200'
2132+00 340'
2135+78.30 0+00 280'
2127+44 360
2130+60 360'
381'
286'
CHAN. POT. 5+00.00
CHAN POT 2=50.00
POST 2126+93.74 ∠ 20.3 T 2126+73.44 Δ 4°05' Lt.
POST 2133+03.04
POST 2137+15.45
POST 10+13.37 Ramp B
POC 2137+00.00
POC 2136+06.52
POC 2136+39.65
Orig. PI 2137+10.304 2135+10.00 Δ 58°32' Lt. JTAGE CONSTRUCTION
BARTON
SURVEYED BY: DRAWN BY: TRACED BY: DATE 7/64-5/65
PROJ. I-[illegible] NO. 91-3(1)(C)
SHEET 54 OF 389
woods
pasture
cedar
sugar bush
Slope Bench
TREE ACCESS
MATCH LINE "A"
Const Stage II
54 JUL 11 197-


Three Cable Guard Rail w/ Light Steel Posts Item 538
Bridge Railing Item 572
TREATED TIMBER CURB Item 558
Muck Excavation Item 117
Ramp A 9+75-12+25
Sub-base of Sand Item 202
Stone Fill For Slope Protection (Item 512 Light Type)
Gravel Blanket for Slope Stabilization, Item 622
Muck Excavation Item 117
Standard Steel Beam Guard Rail W-Steel Posts Item 606-E
Removal & Disposal of Present Guard Rail Item 540
Demolition & Disposal of Bldgs, Item 586
Approx. Aerial Utility Relocation Route by Village of Barton (Electric)
Approx. Underground Utility Relocation Route by N.E.T. Co. & Newport Cablevision Inc.- Final Location & Grade of Conduits & Cables to be Furnished by the Engineer.
Approx. Aerial Utility Relocation Route by Village of Barton (Electric Transmission)
Jute Matting Item 623
Ramp A 0+00-7+25.52
Ramp B 4+00-5+25.52
Ramp C 0+00-5+25.52
Ramp D 3+80-9+00.52
Ramp E 2+15-3+40 Lt.
Ramp D 2+70-3+92.44
Ramp C 0+00-3+22.43
Ramp B 0+00-4+75.52
Ramp A 0+00-4+00 Lt.
Ramp A 0+00-4+75.52
Ramp B 0+00-4+75.52
Ramp C 0+00-4+75.52
Ramp D 0+00-4+00
Ramp D 0+00-4+75.52
Ramp E 0+00-2+15
Ramp E 3+40-4+00
Ramp A 0+00-4+75.52
Ramp B 0+00-4+75.52
Ramp C 0+00-4+75.52
Ramp D 0+00-4+75.52
Ramp E 0+00

Sub-base ct Spec Item 212
Vt Rte 9/+50 ~ 9/+00

Property Line Fence w/Steel Posts
Item 583.12, Mod
92+00 - 94+00 Lt
92+00 - 94+00 Rt



Stage 1 Construction

Vt Rte #16 To Be Built In Its Entirety During Stage 1 Construction

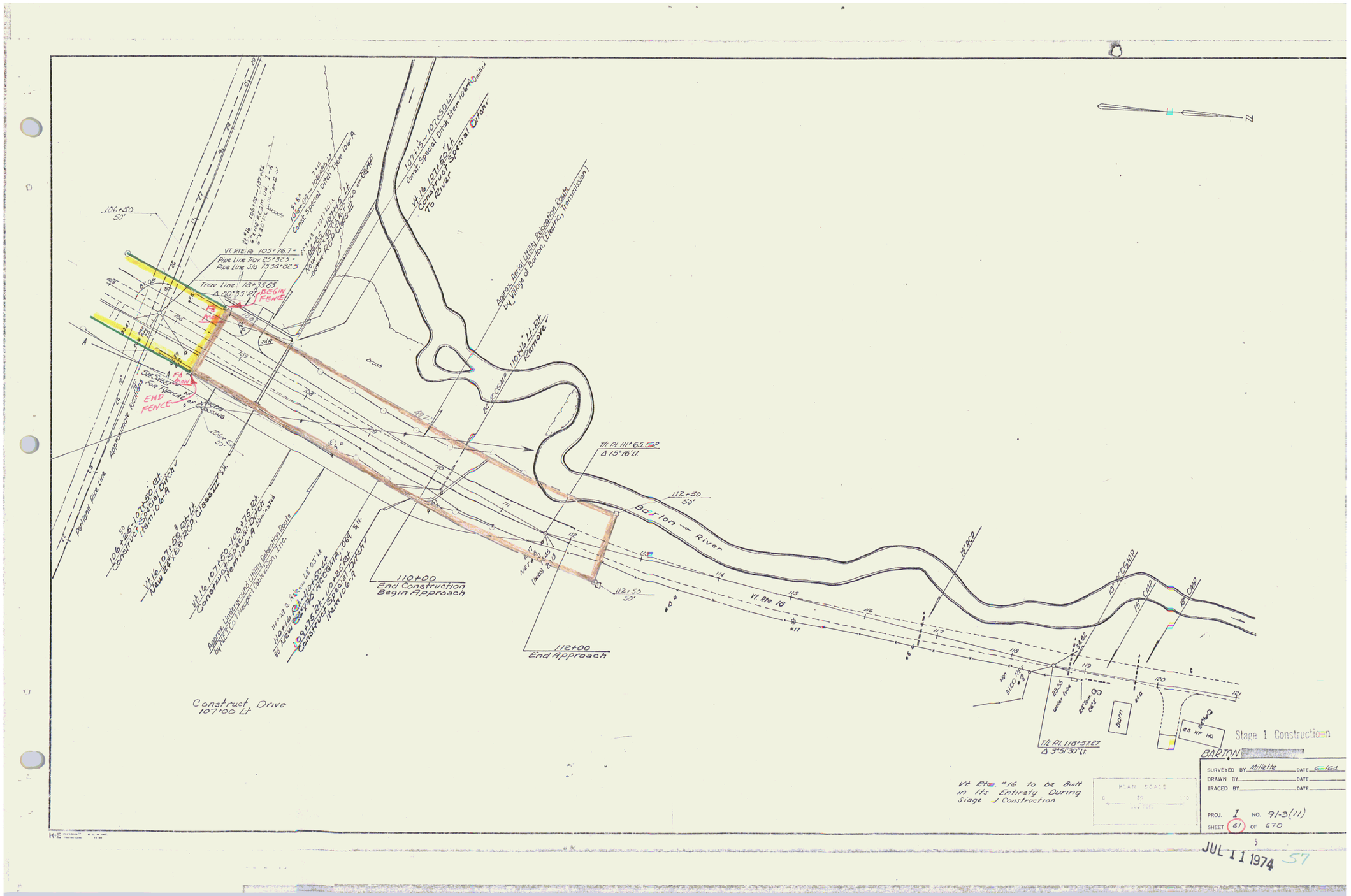
BARTON-IRASBURG

SURVEYED BY Williams DATE 6/64
DRAWN BY _____ DATE _____
TRACED BY _____ DATE _____

PROJ. I NO. 91-3(11)
SHEET 60 OF 670

JUL 11 1974

56


N
106+50
50'
VT. RTE. 16 105+76.7 ±
Pipe Line Trav 85°92.5'
Pipe Line Sta 7934+82.5
Trav. Line 13+35.65
Δ 20°35' Rt
BEGIN FENCE
FA Prop.
FA Prop.
END FENCE
58.5 Feet Impact Area
Approximate location of Portland Pipe Line
Vt. Rte 16 106+50 - 107+76.8 Lt.
Construct Special Ditch Item 106-9
New 24"x38" RCP, Class III
106+26 - 107+58 Lt.
Construct Special Ditch Item 106-9
Vt. Rte 16 107+50 - 108+76.8 Lt.
Construct Special Ditch Item 106-9
Approx. Underground Utility Relocation Route
by N.E. Tel. & Tel. Co. (Newport Cable Division), Inc.
Vt. Rte 16 108+00 - 108+76.8 Lt.
Construct Special Ditch Item 106-9
107+75 Rt. - 107+35 Lt.
Construct Special Ditch Item 106-9
107+15 - 107+50 Lt.
Construct Special Ditch Item 106-9
Vt. Rte 16 107+50 Lt.
Construct Special Ditch
To Cover
Approx. Aerial Utility Relocation Route
by Village of Barton, (Electric, Transmission)
Vt. Rte 16 107+15 Lt. ±
Remove
110+00
End Construction
Begin Approach
112+00
End Approach
Tgt. Pl. 111+65.52
Δ 15°16' Lt.
112+50
50'
Barton — River
Vt. Rte 16
15" RCP
18" RCP CGMP
15" CMP
18" CMP
Tgt. Pl. 118+57.27
Δ 3°51'30" Lt.
23.5 LF 48" RCP
DAM
Construct Drive
107+00 Lt
Vt. Rte "16 to be Built in its Entirety During Stage 1 Construction
PLAN SCALE
Stage 1 Construction
BARTON
SURVEYED BY Millette DATE 6-14
DRAWN BY DATE
TRACED BY DATE
PROJ. I NO. 91-3(11)
SHEET 61 OF 670
JUL 11 1974
57

Sta 6+00
End Drive Construction

T/L P.I. 9+500
Δ 93°40'11"

T/L P.O.T. 10+500

T/L P.O.T. 0+000
P.O.C. 93+300

T/L P.I. 5+000
Δ 28°46'11"

VT. 16 P.I. 96+21.73
96+10.85

Town Dump

Bldg

P.O.T. 7+000

Barton River

Ramp C

Ramp C
P.I. 6+25.47
6+09.00

P.O.C. 97+000
Ramp C P.O.T. 8+31.71

T/L P.I. 12+100
Δ 73°17"Rt.

Ramp C
P.I. 3+30.00
P.I. 3+19.95
Δ 124°35'

OVERLAYS SHEET 56. NOT BUILT

PLAN SCALE
0 50 100
100 FEET

Dump Road to be Built in its Entirety During Stage I Construction

Dump Road Typical

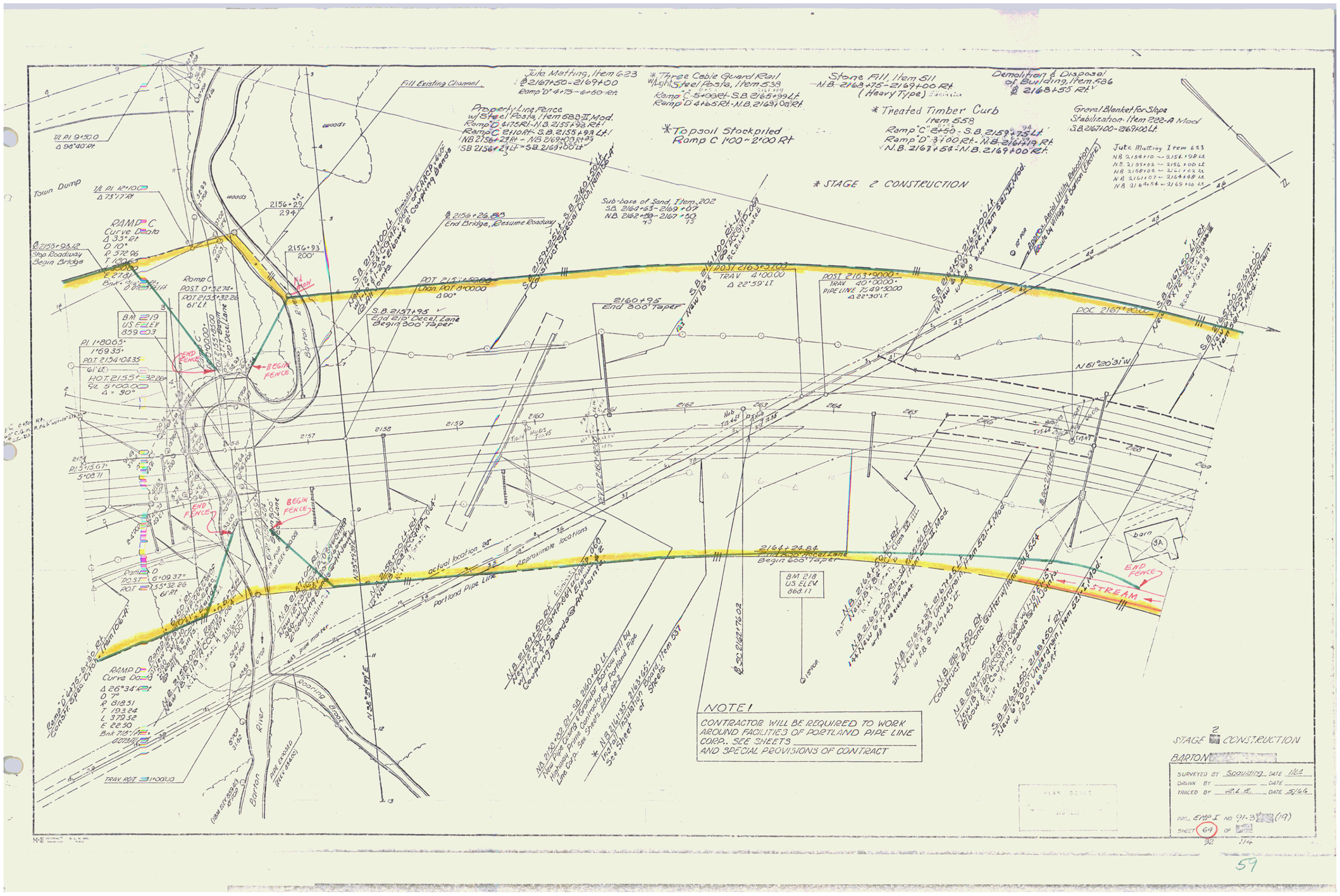
P.I. 1+30
100' V.C.
883.31

Stage I Construction

BARTON
Dump Road off Vt. 16
Project I No. 91-3(11)
Sheet 63 of 670

JUL 11 1974

58


Fill Existing Channel
Jute Matting, Item 623
@ 2167+50 - 2169+00
Ramp "D" 4+75 - 6+50 Rt.
* Three Cable Guard Rail
W/Light Steel Posts, Item 538
Ramp "C" 5+00 Rt. - S.B. 2165+99 Lt.
Ramp "D" 4+65 Rt. - N.B. 2169+00 Rt.
Stone Fill, Item 511
N.B. 2168+75 - 2169+00 Rt.
(Heavy Type)
Demolition & Disposal of Building, Item 586
@ 2168+55 Rt.
Gravel Blanket for Slope Stabilization - Item 202-A Mod
S.B. 2167+00 - 2167+00 Lt.
Property Line Fence
w/Steel Posts, Item 583 II, Mod.
Ramp "C" 4+75 Rt. - N.B. 2155+98 Rt.
Ramp "C" 2+10 Rt. - S.B. 2155+98 Lt.
N.B. 2156+23 Rt. - N.B. 2169+00 Rt.
S.B. 2156+23 Lt. - S.B. 2169+00 Lt.
* Topsoil Stockpiled
Ramp C 1+00 - 2+00 Rt.
* Treated Timber Curb
Item 558
Ramp "C" 2+50 - S.B. 2159+75 Lt.
Ramp "D" 3+00 Rt. - N.B. 2167+19 Rt.
N.B. 2167+54 - N.B. 2169+00 Rt.
Jute Matting Item 623
N.B. 2154+10 - 2154+98 Lt.
N.B. 2155+02 - 2156+00 Lt.
N.B. 2158+08 - 2161+03 Lt.
N.B. 2161+07 - 2164+48 Lt.
N.B. 2164+54 - 2165+06 Lt.
* STAGE 2 CONSTRUCTION
Town Dump
woods
RAMP C
Curve Data
Δ 33° Rt.
D 10°
R 572.96
T 170.65
L 330.00
E 27.81
Bnk. 7/8" per Ft.
2156+20
2.94
2156+93
200'
Ramp C
POST 0°32'48"
POT 2153+32.28
61' Lt.
2156+26.83
End Bridge, Resume Roadway
Sub-base of Sand, Item 202
S.B. 2162+63 - 2169+02
N.B. 2182+58 - 2167+50
43 43
S.B. 2157+00 Lt. Eliminate Ramp "C" Const. Joint
S.B. 2157+50 Lt. - S.B. 2160+50 Lt.
Construct Special Ditch, Item 608-A
S.B. 2157+00 Lt. Eliminate Ramp "C" Const. Joint
S.B. 2157+50 Lt. - S.B. 2160+50 Lt.
Construct Special Ditch, Item 608-A
Coupling Bands @ 2' Centers
S.B. 2157+00 Lt. - S.B. 2160+00 Lt.
Construct Special Ditch, Item 608-A
Coupling Bands @ 2' Centers
POST 2157+50.00
Chan. POT. 8°00'00"
Δ 100°
S.B. 2157+95
End 21'-0" Decel. Lane
Begin 300' Taper
2160+95
End 300' Taper
S.B. 2161+00 Lt.
Construct Special Ditch, Item 608-A
R.C.P.A. Grate
POST 2163+50.00
TRAV 4°00.00
Δ 22°59' Lt.
POST 2163+90.00
TRAV 40°00.00
PIPE LINE 2°49'30.00
Δ 22°30' Lt.
S.B. 2164+50.0 Lt.
Pipe Item 528-II, Mod.
Remove & Relay Utility Extension Route by Village of Barton (Electric)
S.B. 2165+00 Lt.
Construct Special Ditch, Item 608-A
R.C.P.A. Grate
S.B. 2165+50 Lt. - Rt.
Construct Bit. Conc. Gutter, Item 608-A
S.B. 2165+00
Construct Underdrain, Item 534-A Mod.
POC 2167+80.00
N.B. 2167+50 Lt.
Construct Bit. Conc. Gutter, Item 608-A
N.B. 2167+50
Construct Underdrain, Item 534-A Mod.
N 61°30'31" W
BM 219
US ELEV
859.03
Pl 1+80.65
1°69.35'
POT 2154+04.35
61' Lt.
POT 2155+32.26
Rt. 5°00.00
Δ = 90°
END FENCE
BEGIN FENCE
Pl 3+15.67
5°08.71
Ramp D
POT 0°09.37"
POT 55°32.26
61' Rt.
Ramp D 4+75 Rt. - Const. Special Ditch, Item 608-A
Ramp D 4+65 Rt. - Const. Special Ditch, Item 608-A
N.B. 2158+00 Lt. Eliminate Ramp "D" Const. Joint
N.B. 2158+50 Lt. - N.B. 2161+00 Lt.
Construct Special Ditch, Item 608-A
Coupling Bands @ 2' Centers
N.B. 2158+00 Lt. Eliminate Ramp "D" Const. Joint
N.B. 2158+50 Lt. - N.B. 2161+00 Lt.
Construct Special Ditch, Item 608-A
Coupling Bands @ 2' Centers
RAMP D
Curve Data
Δ 26°34' Rt.
D 7°
R 818.31
T 193.84
L 379.32
E 22.50
Bnk 7/8" per Ft.
@ 4%
TRAV POT 31°00.00
actual location 84°
Approximate locations
Portland Pipe Line
N.B. 2158+00 Lt. Eliminate Ramp "D" Const. Joint
N.B. 2158+50 Lt. - N.B. 2161+00 Lt.
Construct Special Ditch, Item 608-A
Coupling Bands @ 2' Centers
N.B. 2161+00 Lt. - S.B. 2160+40 Lt.
New Pipe Culvert & Transition for Portland Pipe Line Corp. See Sheets 22A & 22B
* N.B. 2161+35 - 2163+65
Install Telephone Board, Item 537
See Sheet 69 of Sheets
2164+24.84
End 606' Taper
Begin 606' Taper
BM 218
US ELEV
868.11
N.B. 2164+50 Lt.
Construct Bit. Conc. Gutter, Item 608-A
N.B. 2165+00 Rt. - 2165+50 Rt.
Construct Bit. Conc. Gutter, Item 608-A
N.B. 2165+50 - 2167+45 Lt.
Construct Underdrain, Item 534-A Mod.
N.B. 2167+50
Construct Bit. Conc. Gutter, Item 608-A
N.B. 2167+50 Lt.
Construct Bit. Conc. Gutter, Item 608-A
S.B. 2165+50 - 2165+50 Rt.
Construct Underdrain, Item 534-A Mod.
barn
9A
END FENCE
STREAM
Roaring Brook
Barton River
PIPE CROSSED (FLY DRAIN)
(NEW ACCESS RD.)
NOTE!
CONTRACTOR WILL BE REQUIRED TO WORK AROUND FACILITIES OF PORTLAND PIPE LINE CORP.. SEE SHEETS _____ AND SPECIAL PROVISIONS OF CONTRACT
STAGE 2 CONSTRUCTION
BARTON
SURVEYED BY Spaulding DATE 1/61
DRAWN BY _____ DATE _____
TRACED BY R.L.E. DATE 5/66
PROJ. EMP-I NO 91-3(19)
SHEET 69 OF

* Three Cable Guard Rail w/Light Steel Posts, Item 518
N.B. 2169+00 - 2169+43 Rt.
2179+33 - 2179+54 Rt.
2179+33 - 2185+05 Rt.

Steel Beam Guard Rail with Steel Posts (6'-3" spacing) Item 540
NB 2169+00 Rt.
NB 2171+32 - SB 2171+36 Lt. - Rt.
NB 2172+79 - SB 2172+88 Lt. - Rt.

Approx. Aerial Utility Relocation Route by Village of Barton (Electric)

Stone Fill For Slope Protection (Heavy Type), Item 511
N.B. 2169+00 - 2171+35 Rt.
Eliminated

* Treated Timber Curb
Item 558
N.B. 2169+05 - 2171+26 Rt.
2172+78 - 2176+05 Rt.

Jute Matting
Item 623
Med. 2169+00 - 2170+40 Rt.

Drilling & Blasting Of Solid Rock Subgrade
Item 113
S.B. 2180+78 - 2185+00

* Standard Steel Beam Guard Rail
Item 540-A
N.B. 2171+32 Lt. - S.B. 2171+36 Rt.
N.B. 2172+79 Lt. - S.B. 2172+88 Rt.

Demolition & Disposal of Building
Item 589
@ 2169+10 Rt.
2169+20 Rt.
2169+67 Rt.

Removal of Present Superstructure, Item 442
B/L 2171+35 Lt.

* Construct U-Turn
NB 2175+30±

Moving Building & Constructing Foundation & Appurtenances
Item 589
NB 2172+50 Rt.

Property Line Fence w/Steel Posts, Item 583 II, Mod.
N.B. 2169+00 - 2171+43 Rt.
N.B. 2172+42 - 2185+00 Rt.
S.B. 2169+00 - 2171+58 Lt.
S.B. 2172+53 - 2185+00 Lt.

Property Line Fence to be erected prior to Construction
N.B. 2177+70 Rt. ~ 2185+00 Rt.
S.B. 2173+11 Lt. ~ 2185+00 Lt.

Paved Ditch Item 554
S.B. 2184+00

Sod Ditch Item 612
N.B. 2174+77.5 ~ 2175+00 Rt.
N.B. 2175+00 ~ 2175+28 Lt.
N.B. 2176+00 ~ 2176+67 Lt.
S.B. 2171+00 ~ 2171+18 Rt.

* STAGE 2 CONSTRUCTION

Revised
POC 2171+15.0
14'-0" x 12'-0" RCB.
Δ 80°-00' Lt.

POST 2170+29.89

Rev. POST 2171+05.57
Tl. PI 13+25.41
Δ 73°26' Rt.

Rev. PI: 2171+07.15
2169+62.26

POST 2172+69.53

2172+33
200'

2171+16
200'

2173+91.17
200'

2173+50
200'

2172+78
200'

2171+50
200'

2171+10
200'

2169+05
200'

2170+21.84
End 600' Taper

N.B. 2172+46.84
End Bridge
Resume Roadway

N.B. 2171+92.97
End Roadway
Begin Bridge

S.B. 2171+53.01
End Roadway
Begin Bridge

S.B. 2172+53.25
End Bridge
Resume Roadway

POC 2172+92

POC 2174+00.00

POC 2170+00.00

POC 2171+58.86
Chan. L. 4+76.28

Chan. POT 4+53.17

Approx. Aerial Utility Relocation Route by Village of Barton (Electric) NEE Co.
2172+78 - 2176+05 Rt.
R.C.P., Class III
Grade B

Approx. Aerial Utility Relocation Route by Village of Barton (Electric) NEE Co.
2173+00 Lt. - 2173+50 Rt.
R.C.P., Class III
w/18" R.C.P. Grade B
2173+00 Lt. - 2173+00 Rt.

S.B. 2172+75 - 2174+00
New 18" R.C.D.W. Grate B

S.B. 2174+00 - 2174+50 Lt.
New 18" R.C.P., Class III
Grade B

S.B. 2174+50 - 2175+00 Lt.
New 18" R.C.P., Class III
w/FES w/Trash Guard
Grade B

S.B. 2175+00 - 2176+00 Lt.
New 18" R.C.P., Class III
Grade B

S.B. 2176+00 - 2179+00 Lt.
New 18" R.C.P., Class III
Grade B

S.B. 2179+00 - 2180+00 Lt.
New 18" R.C.P., Class III
w/Trash Guard
Grade B

S.B. 2180+00 - 2180+50 Lt.
New 18" R.C.P., Class III
Grade B

S.B. 2180+50 - 2181+50 Rt.
New 18" R.C.D.W. w/Underdrain, Item 534 II, Mod.

S.B. 2184+00 - 2184+00 Lt.
New 24" R.C.C.M.P. .064
Grade A

POT 2184+01.17

REV. POT 2180+89.86
Start R. 2080'-75.83
Δ 20°-14.53'

N.B. 2184+00 Lt. - Rt.
Use 24" x 80 RCCMP .079 w/2 Connections
Grade A

Beg. 24" x 80 RCCMP .064 Grade A

Beg. 24" x 80 RCCMP .079

Rev. B&L 5/14

SA#2 POC 150+06.03
Rev. B&L POC 2171+94.97

SA#2 Sta

94°30'30"

SA#2 PC 147+80.40

R=Rev. B&L POC 2172.92

T/L PI 143+76.80
Δ 1°12' Lt.

SA#2 POT 147+00.0
42°23'00" Lt.
Begin Construction

147+02
25'

SA#2 POC 150+06.03
Rev. B&L POC 2171+94.97

147+15
25'

SA#2 PC 147+80.40

T/L PI 149+35.10

Approx. Underground Utility Relocation Route by N.E.T.Co.
Final Location and Grade of Conduits and Cable to be furnished by the Engineer.

STATE AID #2-TYPICAL

1 1/2"	BITUMINOUS CONCRETE PAVEMENT, ITEM 361, MOD., TYPE III, TOP COURSE (± 1/4")
18"	SUB-BASE OF GRAVEL, ITEM 201 (±1")
6"	SUB-BASE OF SAND, ITEM 202 (±1") TO BE PLACED AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

FACE OF GUARD RAIL
2'-0" 3'-0" 11'-0" 11'-0" 3'-0"
1/4" IN 12" GRADE 1 1/2" ITEM 361, MOD.
3" 3/4" IN 12" 4 1/2"
1-2 1-2 1/4" IN 12" STRAIGHT 18" ITEM 201 1/4" IN 12" STRAIGHT 1-2
16" ITEM 202 18"

MAXIMUM BANKED SECTION- 1/4" PER FT.

Rev. B/L 1/91

Rev. B POC 2171+15
14'-0" x 12'-0" R.C.B
Δ = 80°-00' Lt.

Rev. B/L POST 2171+67.32
SA#2 POST 151+61.42
Δ 60°30'30"

SA#2 PI 151+43.40
151+42.40

SA#2 POST 153+26.12

SA#2 POC 151+31.00
S/L POT 10+00.0
Δ 16° 33.6"
Sight @ PC 147+80.40

S/L PI 151+11.75
End Construction

Removal & Disposal of Present Guard Rail, Item 349
150+35 ~ 152+00 Lt
153+37 ~ 155+25 Lt. & Rt.
154+95 ~ 155+35 Rt.

Stone Fill for Slope Protection (Light Type) Item 5112
151+25 ~ 152+00 Lt.

Two Cable Guard Rail Item 341
151+01 ~ 155+25 Lt.
154+95 ~ 155+35 Rt.

154+50
60'
153+30
End Construction

To Glover

S.A. #2 To be built in its entirety during Stage I Construction

S/L
Δ 31°57' Rt
D 25°
T 65.61
L 127.80
E 9.40
2TL 3.42

S.A.#2
Δ 7°15' Rt
D 1°
R 3729.38
T 360.00
L 723.00
E 11.3
2TL 1.00

Brazzy Hill Road

S/L POT 141+00.0

PT 139+57.91

151+52
150'

Sta 151+40

Sta 151+30

Sta 151+10

Sta 150+90

Sta 150+70

Sta 150+50

Sta 150+30

Sta 150+10

Sta 149+90

Sta 149+70

Sta 149+50

Sta 149+30

Sta 149+10

Sta 148+90

Sta 148+70

Sta 148+50

Sta 148+30

Sta 148+10

Sta 147+90

Sta 147+70

Sta 147+50

Sta 147+30

Sta 147+10

Sta 146+90

Sta 146+70

Sta 146+50

Sta 146+30

Sta 146+10

Sta 145+90

Sta 145+70

Sta 145+50

Sta 145+30

Sta 145+10

Sta 144+90

Sta 144+70

Sta 144+50

Sta 144+30

Sta 144+10

Sta 143+90

Sta 143+70

Sta 143+50

Sta 143+30

Sta 143+10

Sta 142+90

Sta 142+70

Sta 142+50

Sta 142+30

Sta 142+10

Sta 141+90

Sta 141+70

Sta 141+50

Sta 141+30

Sta 141+10

Sta 140+90

Sta 140+70

Sta 140+50

Sta 140+30

Sta 140+10

Sta 139+90

Sta 139+70

Sta 139+50

Sta 139+30

Sta 139+10

Sta 138+90

Sta 138+70

Sta 138+50

Sta 138+30

Sta 138+10

Sta 137+90

Sta 137+70

Sta 137+50

Sta 137+30

Sta 137+10

Sta 136+90

Sta 136+70

Sta 136+50

Sta 136+30

Sta 136+10

Sta 135+90

Sta 135+70

Sta 135+50

Sta 135+30

Sta 135+10

Sta 134+90

Sta 134+70

Sta 134+50

Sta 134+30

Sta 134+10

Sta 133+90

Sta 133+70

Sta 133+50

Sta 133+30

Sta 133+10

Sta 132+90

Sta 132+70

Sta 132+50

Sta 132+30

Sta 132+10

Sta 131+90

Sta 131+70

Sta 131+50

Sta 131+30

Sta 131+10

Sta 130+90

Sta 130+70

Sta 130+50

Sta 130+30

Sta 130+10

Sta 129+90

Sta 129+70

Sta 129+50

Sta 129+30

Sta 129+10

Sta 128+90

Sta 128+70

Sta 128+50

Sta 128+30

Sta 128+10

Sta 127+90

Sta 127+70

Sta 127+50

Sta 127+30

Sta 127+10

Sta 126+90

Sta 126+70

Sta 126+50

Sta 126+30

Sta 126+10

Sta 125+90

Sta 125+70

Sta 125+50

Sta 125+30

Sta 125+10

Sta 124+90

Sta 124+70

Sta 124+50

Sta 124+30

Sta 124+10

Sta 123+90

Sta 123+70

Sta 123+50

Sta 123+30

Sta 123+10

Sta 122+90

Sta 122+70

Sta 122+50

Sta 122+30

Sta 122+10

Sta 121+90

Sta 121+70

Sta 121+50

Sta 121+30

Sta 121+10

Sta 120+90

Sta 120+70

Sta 120+50

Sta 120+30

Sta 120+10

Sta 119+90

Sta 119+70

Sta 119+50

Sta 119+30

Sta 119+10

Sta 118+90

Sta 118+70

Sta 118+50

Sta 118+30

Sta 118+10

Sta 117+90

Sta 117+70

Sta 117+50

Sta 117+30

Sta 117+10

Sta 116+90

Sta 116+70

Sta 116+50

Sta 116+30

Sta 116+10

Sta 115+90

Sta 115+70

Sta 115+50

Sta 115+30

Sta 115+10

Sta 114+90

Sta 114+70

Sta 114+50

Sta 114+30

Sta 114+10

Sta 113+90

Sta 113+70

Sta 113+50

Sta 113+30

Sta 113+10

Sta 112+90

Sta 112+70

Sta 112+50

Sta 112+30

Sta 112+10

Sta 111+90

Sta 111+70

Sta 111+50

Sta 111+30

Sta 111+10

Sta 110+90

Sta 110+70

Sta 110+50

Sta 110+30

Sta 110+10

Sta 109+90

Sta 109+70

Sta 109+50

Sta 109+30

Sta 109+10

Sta 108+90

Sta 108+70

Sta 108+50

Sta 108+30

Sta 108+10

Sta 107+90

Sta 107+70

Sta 107+50

Sta 107+30

Sta 107+10

Sta 106+90

Sta 106+70

Sta 106+50

Sta 106+30

Sta 106+10

Sta 105+90

Sta 105+70

Sta 105+50

Sta 105+30

Sta 105+10

Sta 104+90

Sta 104+70

Sta 104+50

Sta 104+30

Sta 104+10

Sta 103+90

Sta 103+70

Sta 103+50

Sta 103+30

Sta 103+10

Sta 102+90

Sta 102+70

Sta 102+50

Sta 102+30

Sta 102+10

Sta 101+90

Sta 101+70

Sta 101+50

Sta 101+30

Sta 101+10

Sta 100+90

Sta 100+70

Sta 100+50

Sta 100+30

Sta 100+10

Sta 99+90

Sta 99+70

Sta 99+50

Sta 99+30

Sta 99+10

Sta 98+90

Sta 98+70

Sta 98+50

Sta 98+30

Sta 98+10

Sta 97+90

Sta 97+70

Sta 97+50

Sta 97+30

Sta 97+10

Sta 96+90

Sta 96+70

Sta 96+50

Sta 96+30

Sta 96+10

Sta 95+90

Sta 95+70

Sta 95+50

Sta 95+30

Sta 95+10

Sta 94+90

Sta 94+70

Sta 94+50

Sta 94+30

Sta 94+10

Sta 93+90

Sta 93+70

Sta 93+50

Sta 93+30

Sta 93+10

Sta 92+90

Sta 92+70

Sta 92+50

Sta 92+30

Sta 92+10

Sta 91+90

Sta 91+70

Sta 91+50

Sta 91+30

Sta 91+10

Sta 90+90

Sta 90+70

Sta 90+50

Sta 90+30

Sta 90+10

Sta 89+90

Sta 89+70

Sta 89+50

Sta 89+30

Sta 89+10

Sta 88+90

Sta 88+70

Sta 88+50

Sta 88+30

Sta 88+10

Sta 87+90

Sta 87+70

Sta 87+50

Sta 87+30

Sta 87+10

Sta 86+90

Sta 86+70

Sta 86+50

Sta 86+30

Sta 86+10

Sta 85+90

Sta 85+70

Sta 85+50

Sta 85+30

Sta 85+10

Sta 84+90

Sta 84+70

Sta 84+50

Sta 84+30

Sta 84+10

Sta 83+90

Sta 83+70

Sta 83+50

Sta 83+30

Sta 83+10

Sta 82+90

Sta 82+70

Sta 82+50

Sta 82+30

Sta 82+10

Sta 81+90

Sta 81+70

Sta 81+50

Sta 81+30

Sta 81+10

Sta 80+90

Sta 80+70

Sta 80+50

Sta 80+30

Sta 80+10

Sta 79+90

Sta 79+70

Sta 79+50

Sta 79+30

Sta 79+10

Sta 78+90

Sta 78+70

Sta 78+50

Sta 78+30

Sta 78+10

Sta 77+90

Sta 77+70

Sta 77+50

Sta 77+30

Sta 77+10

Sta 76+90

Sta 76+70

Sta 76+50

Sta 76+30

Sta 76+10

Sta 75+90

Sta 75+70

Sta 75+50

Sta 75+30

Sta 75+10

Sta 74+90

Sta 74+70

Sta 74+50

Sta 74+30

Sta 74+10

Sta 73+90

Sta 73+70

Sta 73+50

Sta 73+30

Sta 73+10

Sta 72+90

Sta 72+70

Sta 72+50

Sta 72+30

Sta 72+10

Sta 71+90

Sta 71+70

Sta 71+50

Sta 71+30

Sta 71+10

Sta 70+90

Sta 70+70

Sta 70+50

Sta 70+30

Sta 70+10

Sta 69+90

Sta 69+70

Sta 69+50

Sta 69+30

Sta 69+10

Sta 68+90

Sta 68+70

Sta 68+50

Sta 68+30

Sta 68+10

Sta 67+90

Sta 67+70

Sta 67+50

Sta 67+30

Sta 67+10

Sta 66+90

Sta 66+70

Sta 66+50

Sta 66+30

Sta 66+10

Sta 65+90

Sta 65+70

Sta 65+50

Sta 65+30

Sta 65+10

Sta 64+90

Sta 64+70

Sta 64+50

Sta 64+30

Sta 64+10

Sta 63+90

Sta 63+70

Sta 63+50

Sta 63+30

Sta 63+10

Sta 62+90

Sta 62+70

Sta 62+50

Sta 62+30

Sta 62+10

Sta 61+90

Sta 61+70

Sta 61+50

Sta 61+30

Sta 61+10

Sta 60+90

Sta 60+70

Sta 60+50

Sta 60+30

Sta 60+10

Sta 59+90

Sta 59+70

Sta 59+50

Sta 59+30

Sta 59+10

Sta 58+90

Sta 58+70

Sta 58+50

Sta 58+30

Sta 58+10

Sta 57+90

Sta 57+70

Sta 57+50

Sta 57+30

Sta 57+10

Sta 56+90

Sta 56+70

Sta 56+50

Sta 56+30

Sta 56+10

Sta 55+90

Sta 55+70

Sta 55+50

Sta 55+30

Sta 55+10

Sta 54+90

Sta 54+70

Sta 54+50

Sta 54+30

Sta 54+10

Sta 53+90

Sta 53+70

Sta 53+50

Sta 53+30

Sta 53+10

Sta 52+90

Sta 52+70

Sta 52+50

Sta 52+30

Sta 52+10

Sta 51+90

Sta 51+70

Sta 51+50

Sta 51+30

Sta 51+10

Sta 50+90

Sta 50+70

Sta 50+50

Sta 50+30

Sta 50+10

Sta 49+90

Sta 49+70

Sta 49+50

Sta 49+30

Sta 49+10

Sta 48+90

Sta 48+70

Sta 48+50

Sta 48+30

Sta 48+10

Sta 47+90

Sta 47+70

Sta 47+50

Sta 47+30

Sta 47+10

Sta 46+90

Sta 46+70

Sta 46+50

Sta 46+30

Sta 46+10

Sta 45+90

Sta 45+70

Sta 45+50

Sta 45+30

Sta 45+10

Sta 44+90

Sta 44+70

Sta 44+50

Sta 44+30

Sta 44+10

Sta 43+90

Sta 43+70

Sta 43+50

Sta 43+30

Sta 43+10

Sta 42+90

Sta 42+70

Sta 42+50

Sta 42+30

Sta 42+10

Sta 41+90

Sta 41+70

Sta 41+50

Sta 41+30

Sta 41+10

Sta 40+90

Sta 40+70

Sta 40+50

Sta 40+30

Sta 40+10

Sta 39+90

Sta 39+70

Sta 39+50

Sta 39+30

Sta 39+10

Sta 38+90

Sta 38+70

Sta 38+50

Sta 38+30

Sta 38+10

Sta 37+90

Sta 37+70

Sta 37+50

Sta 37+30

Sta 37+10

Sta 36+90

Sta 36+70

Sta 36+50

Sta 36+30

Sta 36+10

Sta 35+90

Sta 35+70

Sta 35+50

Sta 35+30

Sta 35+10

Sta 34+90

Sta 34+70

Sta 34+50

Sta 34+30

Sta 34+10

Sta 33+90

Sta 33+70

Sta 33+50

Sta 33+30

Sta 33+10

Sta 32+90

Sta 32+70

Sta 32+50

Sta 32+30

Sta 32+10

Sta 31+90

Sta 31+70

Sta 31+50

Sta 31+30

Sta 31+10

Sta 30+90

Sta 30+70

Sta 30+50

Sta 30+30

Sta 30+10

Sta 29+90

Sta 29+70

Sta 29+50

Sta 29+30

Sta 29+10

Sta 28+90

Sta 28+70

Sta 28+50

Sta 28+30

Sta 28+10

Sta 27+90

Sta 27+70

Sta 27+50

Sta 27+30

Sta 27+10

Sta 26+90

Sta 26+70

Sta 26+50

Sta 26+30

Sta 26+10

Sta 25+90

Sta 25+70

Sta 25+50

Sta 25+30

Sta 25+10

Sta 24+90

Sta 24+70

Sta 24+50

Sta 24+30

Sta 24+10

Sta 23+90

Sta 23+70

Sta 23+50

Sta 23+30

Sta 23+10

Sta 22+90

Sta 22+70

Sta 22+50

Sta 22+30

Sta 22+10

Sta 21+90

Sta 21+70

Sta 21+50

Sta 21+30

Sta 21+10

Sta 20+90

Sta 20+70

Sta 20+50

Sta 20+30

Sta 20+10

Sta 19+90

Sta 19+70

Sta 19+50

Sta 19+30

Sta 19+10

Sta 18+90

Sta 18+70

Sta 18+50

Sta 18+30

Sta 18+10

Sta 17+90

Sta 17+70

Sta 17+50

Sta 17+30

Sta 17+10

Sta 16+90

Sta 16+70

Sta 16+50

Sta 16+30

Sta 16+10

Sta 15+90

Sta 15+70

Sta 15+50

Sta 15+30

Sta 15+10

Sta 14+90

Sta 14+70

Sta 14+50

Sta 14+30

Sta 14+10

Sta 13+90

Sta 13+70

Sta 13+50

Sta 13+30

Sta 13+10

Sta 12+90

Sta 12+70

Sta 12+50

Sta 12+30

Sta 12+10

Sta 11+90

Sta 11+70

Sta 11+50

Sta 11+30

Sta 11+10

Sta 10+90

Sta 10+70

Sta 10+50

Sta 10+30

Sta 10+10

Sta 9+90

Sta 9+70

Sta 9+50

Sta 9+30

Sta 9+10

Sta 8+90

Sta 8+70

Sta 8+50

Sta 8+30

Sta 8+10

Sta 7+90

Sta 7+70

Sta 7+50

Sta 7+30

Sta 7+10

Sta 6+90

Sta 6+70

Sta 6+50

Sta 6+30

Sta 6+10

Sta 5+90

Sta 5+70

Sta 5+50

Sta 5+30

Sta 5+10

Sta 4+90

Sta 4+70

Sta 4+50

Sta 4+30

Sta 4+10

Sta 3+90

Sta 3+70

Sta 3+50

Sta 3+30

Sta 3+10

Sta 2+90

Sta 2+70

Sta 2+50

Sta 2+30

Sta 2+10

Sta 1+90

Sta 1+70

Sta 1+50

Sta 1+30

Sta 1+10

Sta 0+90

Sta 0+70

Sta 0+50

Sta 0+30

Sta 0+10

Sta 0-10

Sta 0-30

Sta 0-50

Sta 0-70

Sta 0-90

Sta 1-10

Sta 1-30

Sta 1-50

Sta 1-70

Sta 1-90

Sta 2-10

Sta 2-30

Sta 2-50

Sta 2-70

Sta 2-90

Sta 3-10

Sta 3-30

Sta 3-50

Sta 3-70

Sta 3-90

Sta

* Standard Steel Beam Guard Rail w/Steel Posts (6'3" Spacing) Item 545-A
N.B. 2185+00 - 2197+[illegible] Rt.

Drilling & Blasting Of Solid Rock Subgrade Item 115
S.B. 2185+00-2206+75
N.B. 2136+53 - 2188+19
N.B. 2175+83 - 2197+75

* Three Cable Guard Rail w/Steel Posts, Item 538
N.B. 2196+71 - 2201+00 Rt.

Drilling & Blasting Of Solid Rock Item 114
N.B. 2185+00-2198+50 Rt.
S.B. 2188+00-2191+00 Lt.

Stone Fill For Slope Protection (Light Type) Item 612
N.B. 2195+00 Rt.
S.B. 2188+00 Lt. - 2191+00 Lt.

Property Line Fence w/Steel Posts, Item 583-II Mod.
N.B. 2185+00-2201+00 Rt.
S.B. 2185+00-2201+00 Lt.
To be erected prior to Construction

N

* STAGE 2 CONSTRUCTION

Jute Matting Item 623
N.B. 2197+70 ~ 2198+50 Lt.
N.B. 2200+20 ~ 2201+00 Lt.

2189+00 370' Rt. Fd MON
2193+00 370' Rt. Fd MON
2186+00 200' Rt. Fd MON
2194+50 200' Rt. Fd MON

1on 2 slopes

S.B. 2191+00 Lt. Rt. New 18"x18" RCCGMP .064 R.C.D.I. w/Grate A
S.B. 2195+00 Lt. Rt. New 18"x18" RCCGMP .064 R.C.D.I. w/Grate B
S.B. 2198+50 Lt. Rt. New 18"x18" RCCGMP .064 R.C.D.I. w/Grate B
S.B. 2193+50 Rt. - 2201+00 Lt. 4'x4' R.C.B.C. w/Grate D

BM 215 US ELEV 954.42
BM 214 US ELEV 937.71
BM 213 US ELEV 931.39
B.M. #40 Disk in Boldr. Elev. 953.49

RC 2+32+33.55

S.B. 2191+00 Lt. Rt. New 18"x18" RCCGMP .064 R.C.D.I. w/Grate A

S.B. 2195+00 Lt. Rt. New 18"x18" RCCGMP .064 R.C.D.I. Grate B

S.B. 2198+50 Lt. Rt. New 18"x18" RCCGMP .064 R.C.D.I. w/Grate B

S.B. 2193+50 Rt. - 2201+00 Lt. 4'x4' R.C.B.C. w/Grate D

SB PVT. 2185+50

N.B. P.V.T. 2185+00

2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201

N 10°36'09" E

POT 2186+84.57
POT 2188+27.44
POT 2191+12.45
POST 2196+60.19

N.B. 2191+00 Lt. Rt. 155' New 18"x18" RCCGMP .064 w/1-18"x18" 45° Elbow #2 1-25° Elbow #2 Coupling (Adding) Bands @ All Joints R.C.D.I. w/Grate A

N.B. 2191+00 Lt. Rt. 138' New 18"x18" RCCGMP .064 w/1-18"x18" 45° Elbow #2 1-25° Elbow #2 Coupling Bands @ All Joints R.C.D.I. w/Grate B

N.B. 2194+50 ~ 2198+50 Lt. 6"x12" P.C.G.m. Ud.

N.B. 2193+50 Lt. Rt. 104' New 18"x18" RCCGMP .064 w/1-18"x18" 45° Elbow #2 1-25° Elbow #2 Coupling Bands @ All Joints R.C.D.I. w/Grate B

STAGE 2 CONSTRUCTION
BARTON

PLAN SCALE
0 50 100
100 FEET

SURVEYED BY Spaulding DATE 11/64
DRAWN BY Austin DATE 2/65
TRACED BY L. Clark DATE 3/65

PRO. EMP. I NO. 91-3(19)
SHEET 69 OF 114

K-E

JUL 11 1974

Demolition & Disposal of Building
Item 538
@ 2202+50 Rt.
2211+25 Rt.
2211+65 Rt.
2212+65 Rt.
@ 2213+40 Rt.

* Three Cable Guard Rail w/Light Steel Posts, Item 538
N.B. 2201+00 - 2206+03 Rt.
N.B. 2213+25 - 2217+00 Rt.

Standard Steel Beam Guard Rail
Item 545-A (12'-6" Spacing)
TH 90 Trav. 30+21 Rt. - 33+16.01
TH 90 Trav. 30+21 Rt. - 34+09.01

Riprap (Light Type)
Item 613-B
S.B. 2201+00 - 2202+00
2 Lt.

Jute Matting Item 623
NB 2201+00 - 2201+00 Lt.
NB 2206+03 - 2210+19 Lt.
SB 2206+97 - 2211+20 Lt.

Sod Ditch Item 612
NB 2210+25 - 2210+32 Lt.
SB 2208+00 Lt. - 2211+58 Lt.
SB 2211+32 - 2211+58 Lt.

* Standard Steel Beam Guard Rail
Item 545-A (6'-3" spacing)
N.B. 2210+43.11 Lt. - S.B. 2211+10 Rt.
N.B. 2213+20 Lt. - S.B. 2213+88 Rt.

* STAGE 2 CONSTRUCTION

* TREATED TIMBER CURB
Item 558
S.B. 2214+90 - 2215+52.0 Lt.
S.B. 2211+40 - 2211+90 Lt.

* Topsoil Stockpiled
TR #34 33+50 - 35+00 Lt
1300 C.Y.

Stone Fill For Slope Protection (Light Type)
Item 542
N.B. 2218+50 Rt.
Wood Guide Posts Item 644
T.R. #34 28+60 - 30+50 Rt.

Property Line Fence
w/Steel Posts, Item 583-II, Mod.
N.B. 2201+00 - 2210+09.22 Rt.
N.B. 2212+76 - 2217+02 Rt.
S.B. 2201+00 - 2211+65 Lt.
S.B. 2214+40 - 2217+00 Lt.
To be erected prior to Construction
N.B. 2201+00 - 2209+35 Rt.
S.B. 2201+00 - 2209+30 Lt.

Bridge Railing
Item 572
1:79
SB 2210+76 - 2211+89 Lt.
SB 2209+84 - 2210+97 Rt.
SB 2214+48 - 2216+73 Lt.
SB 2213+78 - 2216+03 Rt.
NB 2207+57 - 2209+82 Rt.
NB 2208+20 - 2210+54 Lt.
NB 2212+56 - 2213+69 Rt.
NB 2213+16 - 2214+29 Lt.

Sub-base of Sand Item 212
SB 2208+80 - 2209+30

Gravel Backfill for Slope Stabilization, Item 222-A (Mod.)
SB 2207+00 - 2209+10 Lt.

Drilling & Blasting of Solid Rock Sub-Grade, Item 115
SB 2206+75 - 2213+30

Stage 2 Construction

STAGE 1 Construction
Except T.R. #34, to be built in its entirety during Stage 1 Construction.

BARTON-

SURVEYED BY Spaulding DATE 11/64
DRAWN BY Austin DATE 2/65
TRACED BY L. Clark DATE 3/65

PROJ. EMP I NO. 91-3(11)(19)
SHEET 71 OF 670

JUL 11 1974

Standard Steel Beam Guard Rail
(12'-6" Spacing) TR-40
30+28 ~ 34+27 Rt.
30+25 ~ 33+01 Lt.

PI 9°19'42"
Δ 16°10'30" Rt.

PI 15°46'57"
Δ 27°44'30" Lt.

PI 33°75'30"
Δ 2°04'30" Rt.

PI 20°00'00"
Δ 10°39'01"

PI 41°92'72"
Δ 17°49'30" Lt.

PI 39°39'69"
Δ 39°37'Lt

POST 22+12+00.00
Tgt. PI 31°80'21"
Δ 8°52'Rt.

POST 22+10+43.14
Tgt. PI 30°00'00"
Δ 2°26'30" Lt.

POST 22+15+43.14
Tgt. POT 22°03'57"

POT 45°72'90"

POST 22+19+77.14

TBM 147-A
U.S. ELEV.
900.51

TBM 147-B
U.S. ELEV.
923.81

TBM 147-C
U.S. ELEV.
959.03

TBM 147-D
U.S. ELEV.
1002.62

TBM 147-E
U.S. ELEV.
1037.03

Approx. Aerial Utility Relocation
Route by Village of Barton (Electric)

Approx. Underground Utility
Relocation Route by N.E.T.Co.

Spare Conduits
4" by N.E.T.Co.

Elm St.

Old Cabot Rd.

Barn

Cedar Woods

TH #47

TH #40

TH #33

TH #31

N 40°06'05" W

OVERLAYS
SHEET 71

Stage 1 Construction

BARTON

SURVEYED BY Spaulding DATE 1964
DRAWN BY _____ DATE _____
TRACED BY _____ DATE _____

PROJ. I NO. 91-3(11)
SHEET 74 OF 670

PLAN SCALE
0 50 100
100 FEET

64

JUL 11 1974

* Three Cable Guard Rail
High Steel Posts, Item 538
N.B. 2217+00-2228+ or RA.
0 GB

* STAGE 2 CONSTRUCTION

Graded Backfill for Slope Stabilization
Item 222-A (Mod.)
SB 2224+53 – 2232+00 LT.

Property Line Fence
w/Steel Posts, Item 538-II
N.B. 2217+00-2233+00 RT.
S.B. 2217+00-2233+00 LT.
To be erected prior to Construction
SB 2217+30 – 2228+40 LT
THE 34 43+00 LT – NB. 2233+00 RT

S.B. Curve Data.
Δ 15° 20' 86" LT.
D 1° 30'
R 3819.72
T 514.52
L 1022.86
E 34.66
Bank 3/8" per ft (0.047)

N.B. Curve Data.
Δ 13° 13' 43" LT.
D 1° 00'
R 5729.58
T 664.28
L 1322.86
E 28.99
Bank 1¼" per ft (0.036)

SB – NB 2222+00± – 2229+00±
Stumps & Rubbish to be included in the Clearing and Grubbing Item 101 (See Special Provisions)

Jute Matting Item 623
S.B. 2217+60 – 2218+25 LT

Sod Ditch Item 612
SB 2220+65 – SB 2221+00 LT

Sub-base of Sand Item 602
SB 2218+26 – 2270+25
SB 2224+25 – 2233+00
NB 2232+50 – 2233+00

TBM. T47-ID
EL. 1002.62

T/L PI. 41+92.92
Δ 17° 48' 30" LT

TBM T47-IC
EL. 956.05

T/L PI. 39+39.69
Δ 39° 37' LT

SB POC. 2221+50.00

SB 2220+85 – SB 2220+85 LT
New 6"x6" Timber Guide Rail Mod. w/F.B. w/C. Cover @ 2225+00

SB 2220+85 – SB 2220+85 LT
New 6"x6" Timber Guide Rail Mod. w/F.B. w/C. Cover @ 2225+08

* Three Cable Guard Rail, High Steel Posts, Item 538
S.B. 2236+50 - 2243+54 Rt.
N.B. 2236+50 - 2245+06 Rt.
S.B. 2245+78 - 2249+00 Lt.

* Treated Timber Curb Item 558
S.B. 2287+05 - 2242+52 Rt.
N.B. 2287+65 - 2262+02 Rt.

* STAGE 2 CONSTRUCTION

Property Line Fence w/ Steel Posts, Item 588-II Mod.
N.B. 2233+00 - 2249+00 Rt.
S.B. 2233+00 - 2249+00 Lt.
To be Erected Prior to Construction
S.B. 2237+00 ~ 2249+00 Lt
N.B. 2233+00 - 2249+00 Rt

Sub-base of Sand, Item 302
N.B. 2233+00 ~ 2237+50
S.B. 2233+00 ~ 2238+00
S.B. 2243+75 ~ 2249+00
N.B. 2243+25 ~ 2249+00

Gravel Blanket for Slope Stabilization, Item 282-A Mod.
S.B. 2239+00 ~ 2239+50 Lt.

Jute Matting Item 623
N.B. 2238+50 ~ 2241+10 Lt.

Stone Ditch Item 512
N.B. 2241+10 ~ 2242+45 Lt.

Approx. Loc. of Water Line to FOSS

Approx. Loc. of Water Line to VEZINA

2233+09
325'

Fd MON

S.B. 2233+00-S.B. 2238+50 Lt.
150' New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2234+50

S.B. 2233+50 Lt.-R.C.P.
New 18" x 46" C.M.P.
R.C.P. W/ Grate A

EXIST. 200 U.S. Elev 993.37

S.B. 2233+50-S.B. 2238+50 Lt.
150' New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2234+50

S.E. 2233+50 - 2233+54 Lt.
2' New 6"x6" Underdrain, Item 521-I Mod.

2234

REV. SB POT 2236+00.00

SB POT 2233+65.58

BM 208-B U.S. ELEV EL. 932.68

F.B.

2233

2234

2235

2236

2237

2238

2239

2240

2241

2242

2243

2244

2245

2246

2247

2248

2249

N 35°26'40" W

N 53°19'48" W

NB POT 2240+00.00

NB POT 2236+25.95

NB. PC. 2241+15.34

SB POT 2233+00.00

SB. P.I. 2233+00.00

PASTURE

MEADOW

WOODS

GOLF GREEN # 3

SB POC. 2246+00.00

SB POST 2245+84.66

SB POC. 2247+50

SB POST 2247+00.00 = N 54°51'22" W
Δ 72°00' Rt.

2238+00
150'

S.B. 2238+00-S.B. 2238+50 Lt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2238+50

S.B. 2238+50 Lt.-R.C.P.
New 18" x 46" C.M.P.
R.C.P. W/ Grate A

S.B. 2238+50-S.B. 2239+25 Lt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2239+25

S.B. 2239+25 Lt.-R.C.P.
New 18" x 46" C.M.P.
R.C.P. W/ Grate A

S.B. 2239+50 Rt.
New 18" x 40" C.M.P. .064"
Elbow & Coupling Bands @ all Joints.
R.C.P. W/ Grate A

S.B. 2239+50-S.B. 2240+00 Lt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2240+00

S.B. 2240+00 Lt.
New 6" x 20' C.M.P. .060" W/ Helical Corrugations
Elbow & Coupling Bands @ all Joints.

S.B. 2240+00-S.B. 2241+00 Lt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2241+00

S.B. 2241+00 Lt.-R.C.P.
New 18" x 40' C.M.P. .109" Thick
W/ Asphalt Coating & Paved Invert
Elbow & Coupling Bands @ all Joints.

S.B. 2241+00-S.B. 2241+40 Lt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2241+40

S.B. 2241+40 Lt.-R.C.P.
New 18" x 40' C.M.P. .109" Thick
W/ Asphalt Coating & Paved Invert
Elbow & Coupling Bands @ all Joints.

S.B. 2242+00 Rt. Eliminated
New 18" x 40' C.M.P. .064"
Elbow & Coupling Bands @ all Joints.

S.B. 2242+00 Rt. Eliminated
New 18" x 40' C.M.P. .064"
Elbow & Coupling Bands @ all Joints.

Fd MON

2244+10'
150'

2246+64
72.7'+
150'

S.B. 2246+50-S.B. 2249+00 Rt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2246+50 & 2248+00

S.B. 2246+50-S.B. 2249+00 Lt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2246+50

S.B. 2247+48.5-S.B. 2248+00 Lt.
New 18" x 40' R.C.P. Class III
R.C.P. W/ Grate B

N.B. 2233+50-N.B. 2235+50 Lt.
New 6"x6" Underdrain

N.B. 2235+50 Lt.-R.C.P.
New 18" x 40' R.C.P. Class III
R.C.P. W/ Grate A

N.B. 2237+00 Lt.-N.B. 2237+50 Rt.
New 6"x6" Pipe, Item 522-II Mod.
W/ F & B 2237+50 Lt.

N.B. 2237+25 Lt.-R.C.P.
New 18" x 40' C.M.P. .064"
Elbow & Coupling Bands @ all Joints.

N.B. 2239+50 Rt.
New 18" x 40' C.M.P. .060" W/ Helical Corrugations
Elbow & Coupling Bands @ all Joints.

N.B. 2242+00 Rt.
18" New 90° C.M.P. .060" W/ Helical Corrugations
Elbow & Coupling Bands @ all Joints.

N.B. 2242+25 Lt.-N.B. 2242+40 Rt.
New 36" x 76' R.C.P. Class III
W/ Flared End Sections

N.B. 2243+00 Lt.-N.B. 2249+00 Lt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2243+50 & 2248+00

N.B. 2243+50 Rt.-N.B. 2249+00 Lt.
New 6"x6" Underdrain, Item 521-I Mod.
W/F&A, C.I. Cover @ 2243+50 & 2248+00

N.B. 2246+50 Lt.-R.C.P.
New 18" x 40' R.C.P. Class III
R.C.P. W/ Grate A

N.B. 2246+50 Rt.-N.B. 2248+00 Rt.
New 18" x 40' R.C.P. Class III
R.C.P. W/ Grate A

N.B. 2248+00 Lt.-N.B. 2249+00 Lt.
New 18" x 40' R.C.P. Class III
R.C.P. W/ Grate A

Fd MON

2243+50
72.5'+

2247+00
190'+

Ladder 2247

Stream Ditch

N.B. 2241+10 to 2242+45 Lt.

Sheet # of

STAGE 2 CONSTRUCTION

BARTON

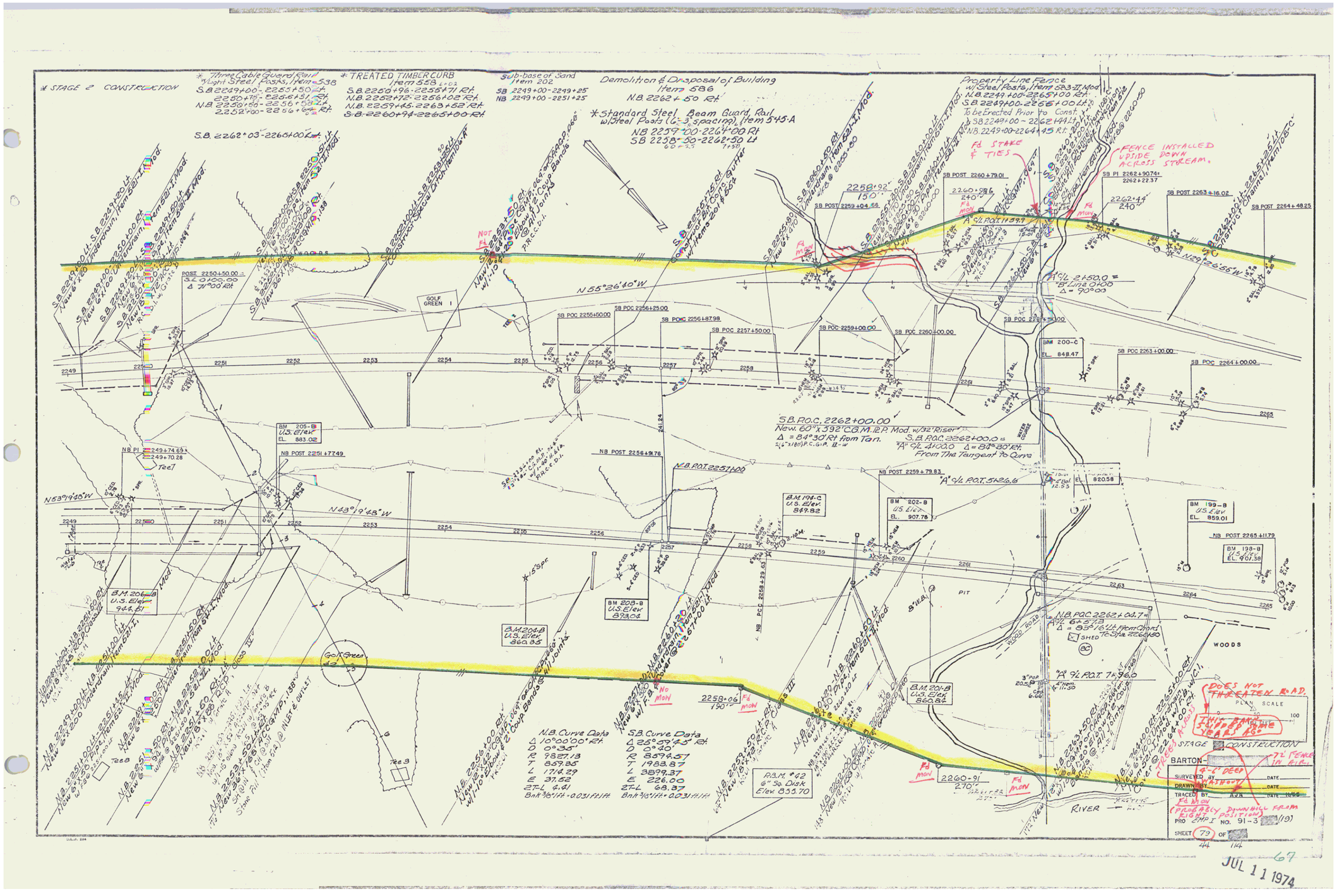
SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
TRACED BY AJA DATE 11/65

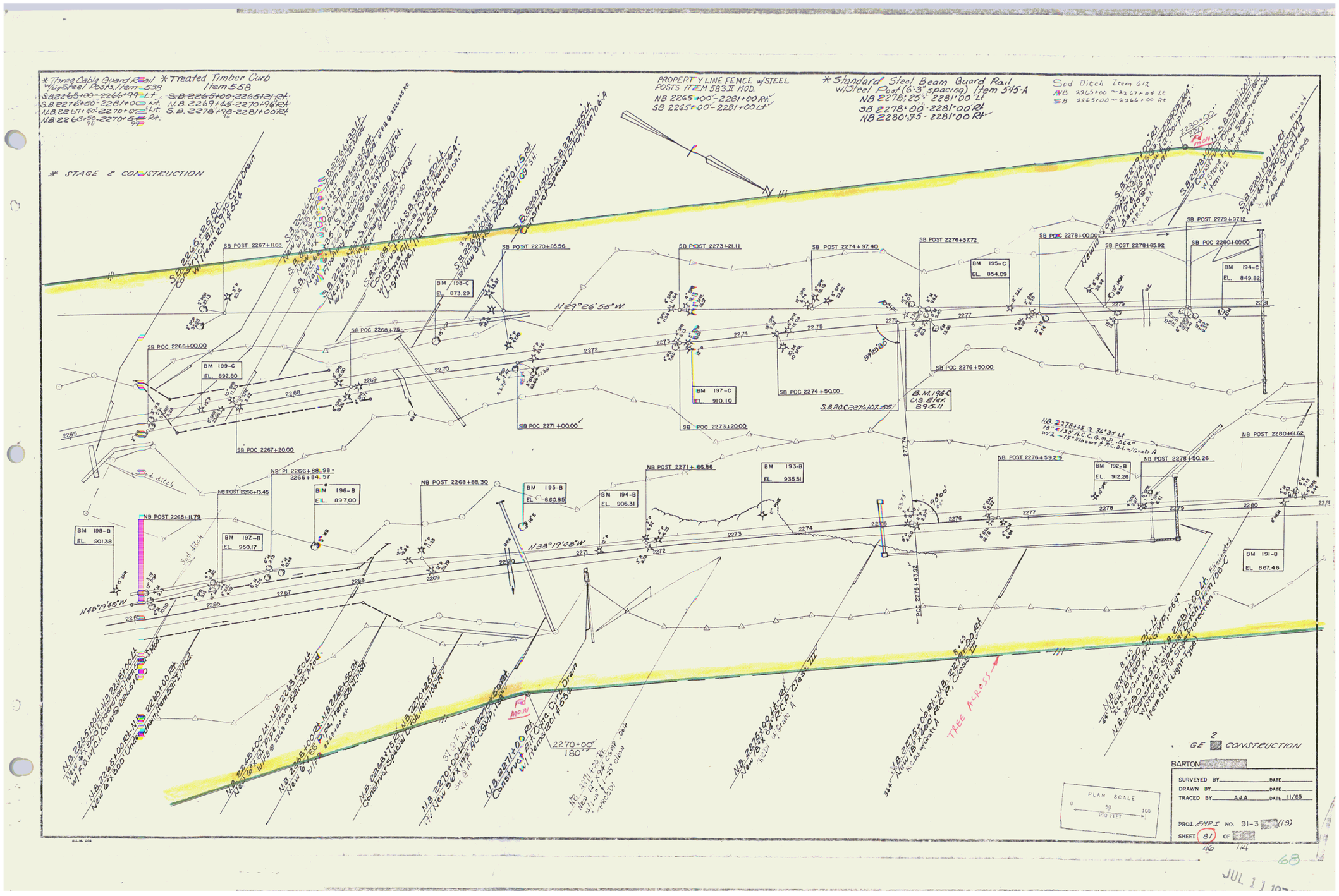
PROJ. CAP. I NO. 91-3 (19)
SHEET 77 OF

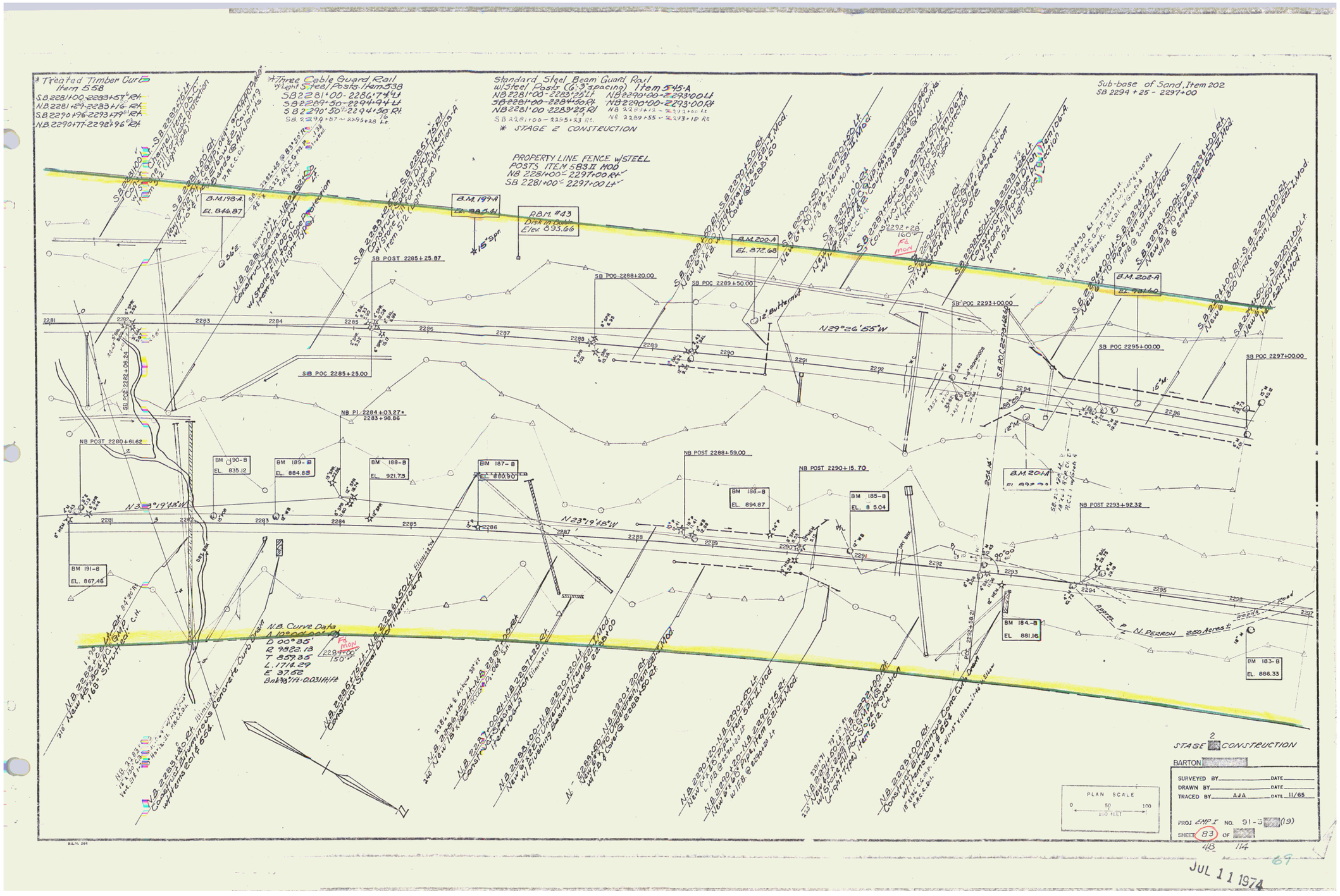
PLAN SCALE
0 50 100
100 FEET

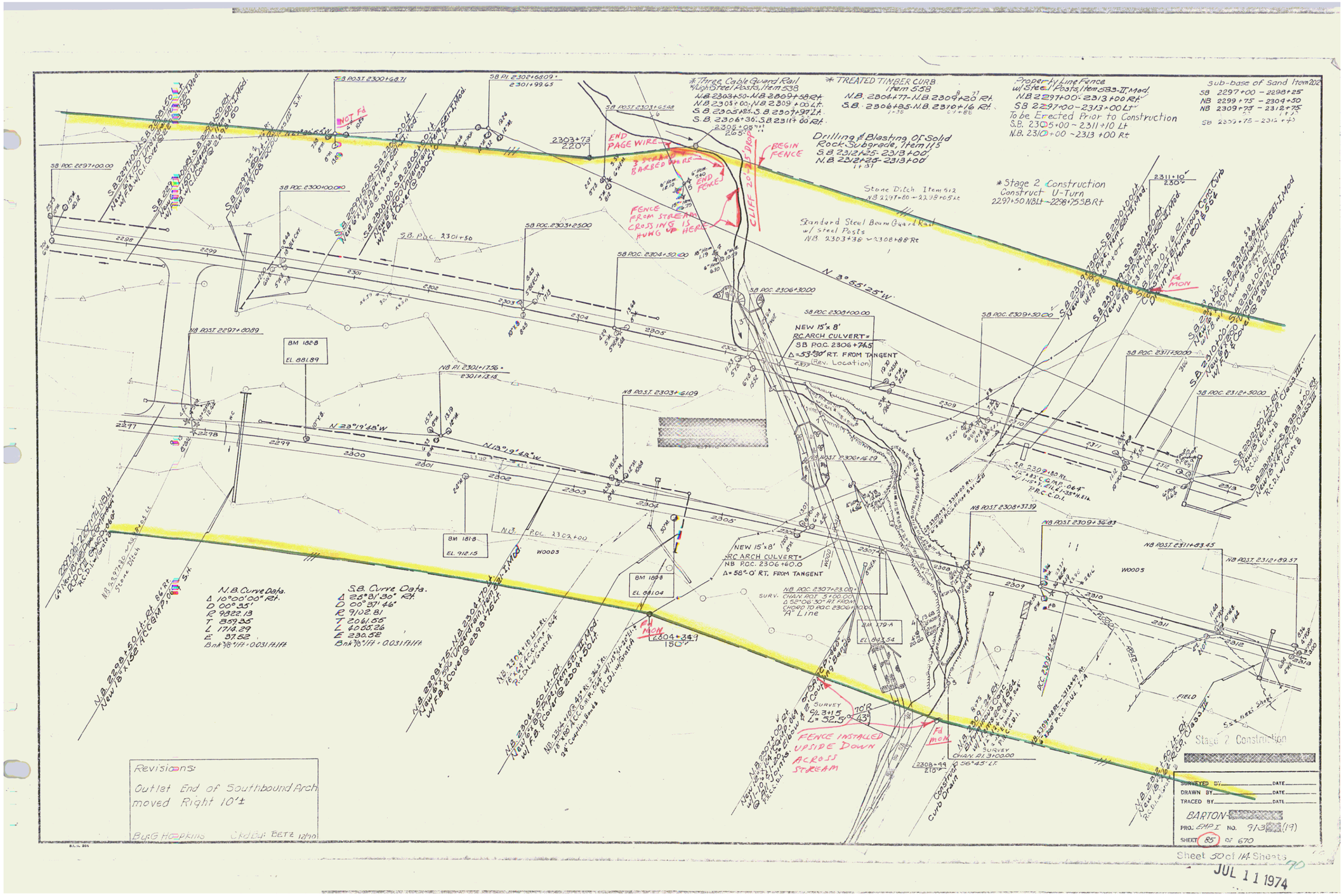
42 114

JUL 11 1974


* STAGE 2 CONSTRUCTION
* Three Cable Guard Rail w/Light Steel Posts, Item 538
S.B. 2249+00 - 2255+50 Lt.
2250+75 - 2256+15 Rt.
N.B. 2250+60 - 2256+58.24 Rt.
2252+00 - 2256+60.62 Rt.
* TREATED TIMBER CURB Item 558 (-1-2)
S.B. 2250+96 - 2255+71 Rt.
N.B. 2252+72 - 2256+02 Rt.
N.B. 2259+45 - 2263+52 Rt.
S.B. 2260+94 - 2265+00 Rt.
Sub-base of Sand Item 202
SB 2249+00 - 2249+25
NB 2249+00 - 2251+25
Demolition & Disposal of Building Item 586
N.B. 2262+50 Rt.
* Standard Steel Beam Guard Rail w/Steel Posts (6'-3" spacing), Item 545-A
NB 2259+00 - 2264+00 Rt
SB 2258+50 - 2262+50 Lt
Property Line Fence w/Steel Posts, Item SB3-II, Mod
N.B. 2249+00 - 2265+00 Rt.
S.B. 2249+00 - 2256+00 Lt.
To be Erected Prior to Const.
S.B. 2249+00 - 2262+44.45 Lt.
N.B. 2249+00 - 2264+45 Rt.
Fd STAKE & TIES
FENCE INSTALLED UPSIDE DOWN ACROSS STREAM.
S.B. 2262+03 - 2265+00 Lt.
S.B. 2249+00 Lt. - N.B. 2249+20 Lt.
New 6'x20' Underdrain, Item 621-I, Mod.
S.B. 2249+00 - 2255+50 Lt.
New 6"x100' Underdrain, Item 621-I, Mod.
S.B. 2249+20 - 2255+50 Lt.
New 6"x100' Underdrain, Item 621-I, Mod.
S.B. 2249+20 - 2255+50 Lt.
New 6"x100' Underdrain, Item 621-I, Mod.
S.B. 2249+00 - 2255+50 Lt.
New 6"x100' Underdrain, Item 621-I, Mod.
S.B. 2255+50 - 2260+50 Lt.
New 6"x500' Underdrain, Item 621-I, Mod.
S.B. 2255+50 - 2260+50 Lt.
New 6"x500' Underdrain, Item 621-I, Mod.
S.B. 2255+50 - 2260+50 Lt.
New 6"x500' Underdrain, Item 621-I, Mod.
S.B. 2255+50 - 2260+50 Lt.
New 6"x500' Underdrain, Item 621-I, Mod.
S.B. 2255+50 - 2260+50 Lt.
New 6"x500' Underdrain, Item 621-I, Mod.
S.B. 2260+50 - 2265+00 Lt.
New 6"x450' Underdrain, Item 621-I, Mod.
S.B. 2260+50 - 2265+00 Lt.
New 6"x450' Underdrain, Item 621-I, Mod.
S.B. 2260+50 - 2265+00 Lt.
New 6"x450' Underdrain, Item 621-I, Mod.
S.B. 2260+50 - 2265+00 Lt.
New 6"x450' Underdrain, Item 621-I, Mod.
S.B. 2260+50 - 2265+00 Lt.
New 6"x450' Underdrain, Item 621-I, Mod.
S.B. 2262+03 - 2265+00 Lt.
Construction Special Ditch, Item 605-A
S.B. 2255+75 Rt.
New 6"x10' CMP, Item 520-I, Mod.
S.B. 2255+90 Rt.
New 6"x10' CMP, Item 520-I, Mod.
S.B. 2256+00


* Three Cable Guard Rail w/Wide Flange Steel Posts, Item 538
SB 2265+00 - 2266+99 Lt.
SB 2276+50 - 2281+00 Lt.
NB 2267+50 - 2270+05 Lt.
NB 2268+50 - 2270+65 Rt.
* Treated Timber Curb Item 558
SB 2265+00 - 2265+21 Rt.
NB 2269+45 - 2270+96 Rt.
SB 2278+98 - 2281+00 Rt.
PROPERTY LINE FENCE w/STEEL POSTS ITEM 583.II MOD.
NB 2265+00 - 2281+00 Rt.
SB 2265+00 - 2281+00 Lt.
* Standard Steel Beam Guard Rail w/Steel Post (6'-3" spacing) Item 545-A
NB 2278+25 - 2281+00 Lt.
SB 2278+00 - 2281+00 Rt.
NB 2280+75 - 2281+00 Rt.
Sod Ditch Item 612
NB 2265+00 ~ 2267+04 Lt.
SB 2265+00 ~ 2266+00 Rt.
* STAGE 2 CONSTRUCTION
N 29°26'55" W
N 33°19'48" W
N 43°19'45" W
SB POST 2267+11.68
SB POST 2270+85.56
SB POST 2273+21.11
SB POST 2274+97.40
SB POST 2276+37.72
SB POST 2278+65.92
SB POST 2279+97.12
SB POC 2266+00.00
SB POC 2267+20.00
SB POC 2268+75
SB POC 2271+00.00
SB POC 2273+20.00
SB POC 2274+50.00
SB POC 2276+50.00
SB POC 2278+00.00
SB POC 2280+00.00
SB POC 2276+07.55
NB PI 2266+88.98 = 2266+84.57
NB POST 2265+11.79
NB POST 2265+13.45
NB POST 2268+88.30
NB POST 2271+86.86
NB POST 2276+59.29
NB POST 2278+50.26
NB POST 2280+61.62
BM 198-B EL. 901.38
BM 197-B EL. 950.17
BM 196-B EL. 897.00
BM 195-B EL. 860.85
BM 194-B EL. 906.31
BM 193-B EL. 935.51
BM 192-B EL. 912.26
BM 191-B EL. 867.46
BM 199-C EL. 892.80
BM 198-C EL. 873.29
BM 197-C EL. 910.10
BM 196-C EL. 895.11
BM 195-C EL. 854.09
BM 194-C EL. 849.82
Sod ditch
Ditch
Fd. Mon.
TREE ACROSS
PLAN SCALE
0 50 100
100 FEET
BARTON
SURVEYED BY ____ DATE ____
DRAWN BY ____ DATE ____
TRACED BY AJA DATE 11/65
PROJ. EMP-I NO. 31-3(13)
SHEET 81 OF 114
46
68
JUL 1 1


* Treated Timber Curb Item 558
SB 2281+00 - 2283+57 Rt.
NB 2281+29 - 2283+16 Rt.
SB 2290+96 - 2293+79 Rt.
NB 2290+77 - 2292+96 Rt.
* Three Cable Guard Rail w/Steel Posts Item 538
SB 2281+00 - 2286+74 Lt
SB 2289+50 - 2294+74 Lt
SB 2290+50 - 2294+50 Rt.
Standard Steel Beam Guard Rail w/Steel Posts (6'-3" spacing) Item 545-A
NB 2281+00 - 2283+25 Lt
SB 2281+00 - 2284+50 Rt.
NB 2281+00 - 2283+25 Rt.
NB 2290+00 - 2293+00 Lt
NB 2290+00 - 2293+00 Rt
* STAGE 2 CONSTRUCTION
PROPERTY LINE FENCE W/STEEL POSTS ITEM 583 II MOD
NB 2281+00 ± 2297+00 Rt
SB 2281+00 ± 2297+00 Lt
Sub-base of Sand, Item 202
SB 2294 + 25 - 2297+00
B.M. 198-A
El. 846.87
B.M. 199-A
El. 885.41
B.M. #43
Disk in Cable
Elev. 893.66
B.M. 200-A
El. 872.68
B.M. 202-A
El. 931.60
SB POST 2285+25.87
SB POC 2285+25.00
SB POC 2288+20.00
SB POC 2289+50.00
SB POC 2293+00.00
SB POC 2295+00.00
SB POC 2297+00.00
12" Buttress
N29°26'55"W
NB POST 2280+61.62
NB POST 2288+59.00
NB POST 2290+15.70
NB POST 2293+92.32
BM 190-B
EL. 835.12
BM 189-B
EL. 884.88
BM 188-B
EL. 921.73
BM 187-B
EL. 880.50
BM 186-B
EL. 894.87
BM 185-B
EL. 8 5.04
BM 20M
BM 191-B
EL. 867.46
BM 184-B
EL 881.16
BM 183-B
EL 886.33
N3°19'48"W
N23°19'48"W
N.B. Curve Data
Δ 102°00'00"
D 00°35'
R 9822.13
T 857.35
L 1714.29
E 37.52
Bnk 3/ft - 0.031 ft/ft
Approx. P/L N. Perron 250 Acres ±
PLAN SCALE
0 50 100
100 FEET
STAGE 2 CONSTRUCTION
BARTON
SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
TRACED BY AJA DATE 11/65
PROJ. EMP-I NO. 91-3(19)
SHEET 83 OF 114
48
69
JUL 11 1974


SB POST 2300+68.71
SB PI 2302+68.09 = 2301+99.65
SB POST 2303+65.48
SB POC 2297+00.00
SB POC 2300+00.00
SB POC 2303+25.00
SB POC 2304+50.00
SB POC 2306+30.00
SB POC 2308+00.00
SB POC 2309+50.00
SB POC 2311+50.00
SB POC 2312+30.00
S.B. P.O.C. 2301+50
NB POST 2297+80.89
NB PI 2301+17.56 = 2301+13.15
NB POST 2303+61.09
NB POST 2306+16.29
NB POST 2308+37.39
NB POST 2309+36.03
NB POST 2311+83.45
NB POST 2312+89.57
BM 182-B
EL. 881.89
BM 181B
EL. 912.15
BM 180B
EL. 881.04
BM 179A
EL. 894.54
2303+73
220'
END PAGE WIRE
3 STRAND BARBED WIRE
END FENCE
BEGIN FENCE
FENCE FROM STREAM CROSSING IS HUNG UP HERE
CLIFF 20'± DROP
2305+98 ± 265'
* Three Cable Guard Rail w/Light Steel Posts, Item 538
N.B. 2303+50 - N.B. 2309+58 Rt
N.B. 2303+00 - N.B. 2309+00 Lt.
S.B. 2305+85 - S.B. 2307+97 Lt.
S.B. 2306+36 - S.B. 2311+00 Rt.
* TREATED TIMBER CURB Item 558
N.B. 2304+77 - N.B. 2309+26 Rt.
S.B. 2306+85 - N.B. 2310+16 Rt.
Property Line Fence w/ Steel Posts, Item 583-II Mod.
N.B. 2297+00 - 2313+00 Rt
S.B. 2297+00 - 2313+00 Lt
To be Erected Prior to Construction
S.B. 2305+00 ~ 2311+10 Lt
N.B. 2310+00 ~ 2313+00 Rt
Sub-base of Sand Item 202
SB 2297+00 - 2298+25
NB 2299+75 - 2304+50
NB 2309+75 - 2312+75
SB 2309+75 - 2312+75
Drilling & Blasting Of Solid Rock Subgrade, Item 115
S.B. 2312+25 - 2313+00
N.B. 2312+25 - 2313+00
Stone Ditch Item 512
N.B. 2297+00 ~ 2298+05 Lt
Standard Steel Beam Guard Rail w/ Steel Posts
N.B. 2303+38 ~ 2308+88 Rt
* Stage 2 Construction
Construct U-Turn
2297+50 NBLt ~ 2298+75 SB Rt
N. 3° 55' 25" W.
NEW 15'x 8' RC ARCH CULVERT*
SB P.O.C. 2306+74.5
Δ = 53°30' RT. FROM TANGENT
(Rev. Location)
NEW 15'x 8' RC ARCH CULVERT*
NB P.O.C. 2306+60.0
Δ = 58°-0' RT. FROM TANGENT
N.B. Curve Data.
Δ 10°00'00" Rt.
D 00°09'55"
R 9822.13
T 857.35
L 1714.29
E 37.52
Bnk %"/1ft - 0.031 ft/ft
S.B. Curve Data.
Δ 25°81'30" Rt.
D 00°37'46"
R 9102.81
T 2061.55
L 4066.26
E 230.52
Bnk %"/1ft - 0.031 ft/ft
FENCE INSTALLED UPSIDE DOWN ACROSS STREAM
Stage 2 Construction
Revisions:
Outlet End of Southbound Arch moved Right 10'±
By: G. Hopkins Ck'd By: Bette 12/70
SURVEYED BY: DATE
DRAWN BY: DATE
TRACED BY: DATE
BARTON
PROJ. EMP-I NO. 9713(19)
SHEET 85 OF 670
Sheet 50 of 114 Sheets
JUL 11 1974

Demolition & Disposal of Buildings Item 526 SB 2318+20 Lt. SB 2319+10 Lt. SB 2319+75 Lt.

Plank Guard Rail Item 540 NB 2313+75 Rt. SB 23..+..

Sod Ditch Item 619 SB 2334+00 ~ 2334+43 Rt.

Δ 87°47'30" Lt. D 14°00' R 409.26 T 373.65 L 605.66 E 148.91 Bank 12% per ft. (0.067ft)

* Three Cable Guard Rail Weight Steel Posts, Item 538 N.B 2323'20, N.B. 2335+00 Rt. N.B 2318+50 - N.B. 2322'66 Lt. S.B. 2320+33 - S.B. 2335+00 Rt. S.B. 2331+50 - S.B. 2285+00 Lt. N.B. 2334+50 ~ 2335+00 Lt. NOTE: For Frontage Rd TR 33 Drainage, See Sheets 46 ~ 48

* TREATED TIMBER CURB Item 558 N.B. 2318+80 - N.B. 2334+00 Rt. S.B. 2320+85 - S.B. 2335+00 Rt. S.B. 2332+33 - S.B. 2335+00 Lt. S.B. 2334+50 ~ 2335+00 Rt.

Drilling & Blasting of Solid Rock, Item 114 SB 2320+75 ~ 2329+50

* Standard Steel Beam Guard Rail w/ Steel Posts Item 545A (3' spacing)

Property Line Fence w/ Steel Posts, Item ... Mod. N.B 2313+00 - ?

S.B. 2... ...+00 Lt. To be ... Prior to Construction N.B. ... ~ 2314+00 Rt. ... 2317+85 ~ 2317+00 Rt. ... S.B. 2318+00 ~ 2320+00 Rt.

NB 2318'50 - 2323'50 Rt

scattered cedar b...

* Topsoil Stockpiled NB 2322'00 - 2334+00 Rt

P.B.M. #44 6" Sq. Disk Elev. 945.42

T.B.M. 187-B 941.08

P.I. 12+90.62 = 11+48.98

Frontage Road 19

Trav. P.I. 27+88.25 Δ 47°08'60" Lt.

Trav. P.I. 27+06.63 Δ 28°10'30" Lt.

B.M. 209-A ELEV. 931.02

B.M. 210-A ELEV. 807.07

B.M. 211-A ELEV. 844.70

B.M. 212-A ELEV. 809.18

B.M. 213-A ELEV. 815.44

Trav. P.I. 23+87.70 Δ 66°43'30" Rt.

S9 POST 2319+83.55 = Trav. POT. 28+26.83 Δ 84°35' Lt.

N 13°19'48" W

N 02°22'33" W

N 35°55'25" W

N.B. Curve Data Δ 10°57'15" Rt. D 09°37'45.76" R 9103.55 T 872.92 L 1740.47 E 41.79 Bnk 36"/ft = 0.03ft/ft

Approx. Aerial Utility Relocation Route by Village of Barton (Electric & N.E.T. Co.)

Town Highway 33

woods

pasture

BARRICADE

PLAN SCALE 50 0 100 100 FEET

STAGE 2 CONSTRUCTION

SURVEYED BY ... DATE ...
DRAWN BY ... DATE ...
TRACED BY ... DATE ...

BARTON

PROJ. EMP I NO. 91-3(19)

SHEET 87 OF 144

52

JUL 11 1974

* Three Cable Guard Rail w/Steel Posts - Item 633
N.B. 2335+00 - 2334+25 Rt.
S.B. 2335+00 - 2343+10 Rt.
S.B. 2335+00 - 2343+00 Lt.
N.B. 2335+45 - 2340+25 Lt.

* Treated Timber Curb Item 558
N.B. 2334+00 - N.B. 2338+02 Rt.
S.B. 2335+00 - S.B. 2338+62 Lt. & Rt.
N.B. 2335+25 - N.B. 2338+02 Lt.

* Topsoil Stockpiled
NB 2334+00 ~ 2338+00 Rt.

Property Line Fence w/Steel Posts & Item 633.3-II Mod.
N.B. 2335+00 - 2343+00 Rt.
S.B. 2335+00 - 2343+00 Lt.

* STAGE 2 CONSTRUCTION

Frontage Road
℄

POST 24+18.81
POST 25+84.39
PI 27+36.68 =
27+12.57

Δ 35°44' Rt.
D 5°
R 1145.92
T 369.39
L 714.67
E 58.09
Bnk ½ Ha. = 0.042 Ha

P.B.M. #83
Disk in Boldr.
Elev. 771.31

PC 23+04.65

N 3°55'25" W

N 02°22'33" W

2330

SB PT 2327+69.30
SB PT 2328+09.11
Lg = 39.81

SB PT 2327+69.97
NB PT 2331+82.13
Lg = 652.16

SB PT 2339+29.48

SB PT 2339+15.09

BM 214-A
ELEV. 774.31

meadow

existing water pipes

STAGE 2 CONSTRUCTION

PLAN SCALE
0 50 100
100 FEET

SURVEYED BY Ed Mon DATE
DRAWN BY DATE
TRACED BY DATE
BARTON -
PROJ. EMP I NO. 91-3(11)(19)
SHEET 89 OF
34 114

JL 11 1974

Three Cable Guard Rail
Light Steel Posts, Item 538

Sod Ditch Item 612
N.B. 2357+80 ~ 2357+90 Lt.
S.B. 2358+70 ~ 2358+98 Rt. & Lt.

Treated Timber Curb
Item 556
N.B. 2355+98 ~ 2357+79 Rt.
S.B. 2358+98 ~ 2359+14 Lt.
S.B. 2358+74 ~ 2358+95 Rt.

S.B. 2343+00 - 2345+50 Lt.
" 2343+00 - 2356+25 Rt.
" 2349+06 - 2352+10 Lt.

N.B. 2349+00 - 2351+56 Lt. & Rt.
" 2353+64 - 2356+20 Rt.

Demolition and Disposal of Building, Item 586
N.B. 2349+00 Rt.

Frontage Rd.
Δ 2.5° Lt.
D 4°
R 1432.40
T 31.55
L 625.00
E 34.78
Bnk. W. per 8.0 on 12.0

Bridge Railing Item 572
N.B. 2355+53 - 2357+78 Lt.
N.B. 2355+73 - 2357+98 Rt.
S.B. 2357+78 - 2358+91 Rt.
S.B. 2358+03 - 2359+00 Lt.

Sub-base of Sand Item 202
N.B. 2352+00 to 2353+25

Stone Ditch Item 512
S.B. 2348+50 ~ 2349+00 Lt.

Property Line Fence
w/Steel Posts, Item 583-11 Mod.
N.B. 2343+00 - 2358+21 Rt.
S.B. 2343+00 - 2357+40 Lt.

* STAGE 2 CONSTRUCTION

Frontage Road

PI 35+22.80
35+12.10

N.B. POT 2345+88.62

S.B. POT 2349+22.83

S.B. POT 2352+93.51

N.B. POT 2343+52.77

N.B. POT 2343+00 = Trav. 0+00.00

N.B. POT 2358+66.05

N.B. POT 2358+00 miscellaneous steel plates

PI 7+34.00

PI 11+46.50

N 3°55'25" W

N 02°22'33" W

B.M. 216-A
ELEV. 777.07

B.M. 215-A
ELEV. 774.72

P.B.M. #46
6" Sq. Disk
Elev. 709.41

VSH BM-08
ELEV. 770.4

Match Line A-A

To BARTON

ramp

Begin Bridge

Stop Roadway

END FENCE

BEGIN FENCE

ORLEANS

US #5 Trav. PI 20+82.8

* Topsoil Stockpiled
N.B. 2343+00 ~ 2346+50 Lt.
900 cy

PLAN SCALE
0 50 100
100 FEET

STAGE 2 CONSTRUCTION

SURVEYED BY Jewett DATE 5/65
DRAWN BY Austin DATE 5/65
TRACED BY L. Clark DATE 5/65
BARTON
PROJECT NO. 91-3 (19)
SHEET 91 OF 114

JUL 11 1970

Two Cable Guard Rail, Item 5(1)
11153 – 1925 Nr.

8+00 Begin Approach
9+00 End Approach Begin Construction
9+16.96

Δ 84°47'30" Lt
D 14°
R 409.26
T 373.65
L 605.66
E 128.91
Bank 4½" per ft.

Approx. Aerial Utility Relocation Route by Village of Barton (Electric) & N.E.T.Co.

Std. Rt. 15-350 C.M.C.P. Culv.

Fd ½" I. pipe

Fd Mon

Not Fd

Fr Rd Pl 12+90.62, 11+98.98

T.E. 33

barn

Frontage Road to be built in its entirety during Stage I Construction

PLAN SCALE
0 50 100
100 FEET

P.V.I. 10+50 200' V.C. Elev 958.50 Sta 0+269.10

P.V.I. 20+50 500' V.C. Elev. 874.50

-6.866%
-11.00%
-11.000%
-2.551%

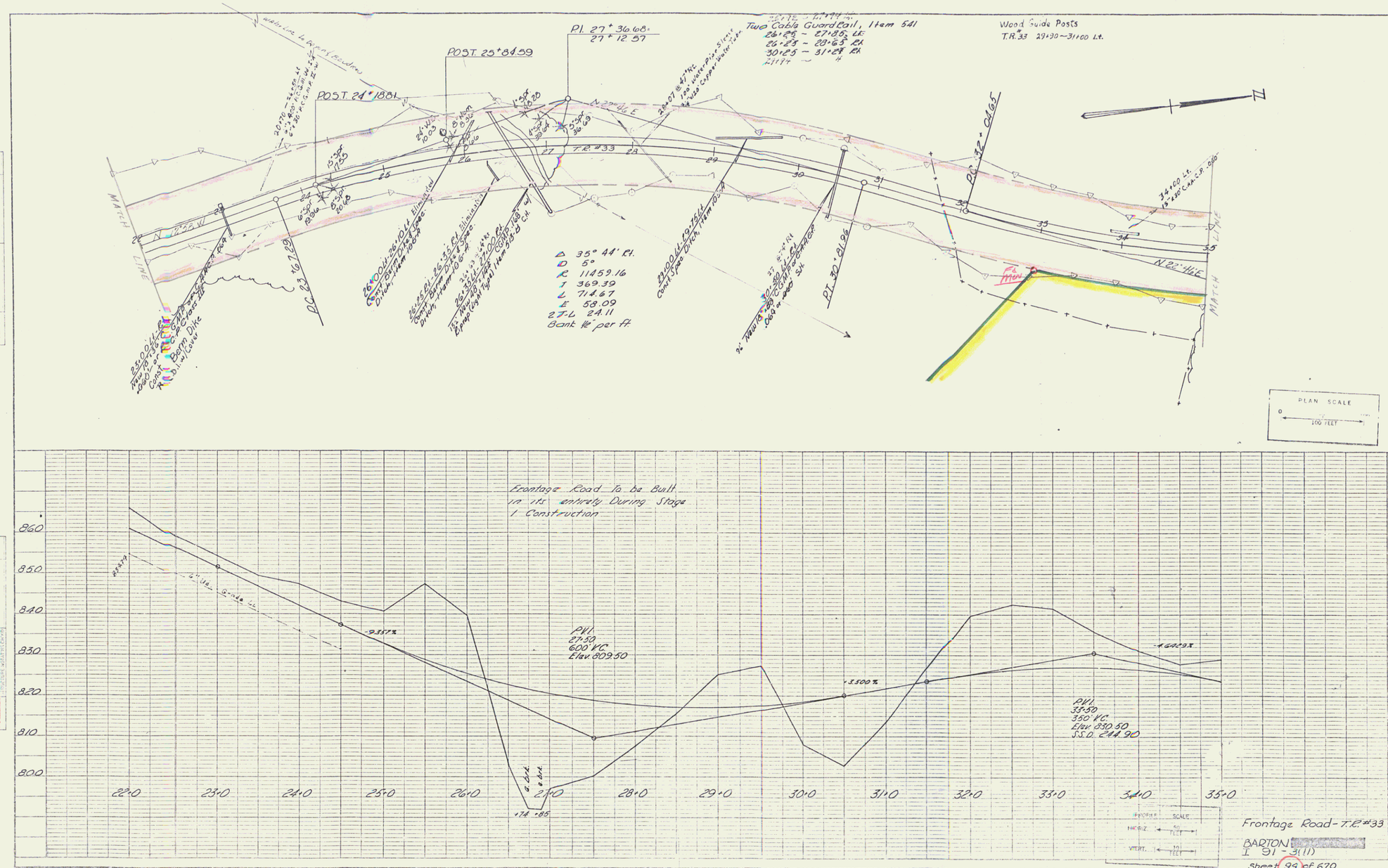
8+50 9+0 10+0 11+0 12+0 13+0 14+0 15+0 16+0 17+0 18+0 19+0 20+0 21+0 22+0

PROFILE SCALE
HORIZ. 50 FEET
VERT. 10 FEET

Frontage Road-T.R. #33
BARTON
I 91 - 3(11)
Sheet 93 of 670

74

JUL 11 1974


POST 24+88.1
POST 25+84.59
P.I. 27+36.68
27+12.57
Two Cable Guard Rail, Item 541
26+25 – 27+85 LT.
26+25 – 28+65 RT.
30+25 – 31+85 RT.
Wood Guide Posts
T.R. 33 29+30 – 31+00 Lt.
N 22°46 E
T.R. #33
P.C. 32+04.65
P.T. 30+61.96
34+60 Lt.
15"x20" C.M.C.S.P. Culv.
MATCH LINE
Δ 35° 44' Rt.
D 5°
R 11459.16
I 369.39
L 714.67
E 58.09
2T-L 24.11
Bank ½ per ft.
PLAN SCALE
0
100 FEET
Frontage Road to be Built in its entirety During Stage I Construction
PVI
27+50
600' V.C.
Elev. 809.50
PVI
33+50
350' V.C.
Elev. 830.50
S.S.D. 244.90
-3.33%
+3.50%
-1.64+3%
Frontage Road - T.R. #33
BARTON
I 91 - 3(11)
Sheet 99 of 670

JUL 11 1974

Two Cable Guard Rail, Item 541
38+25 ~ 39+85 Lt.
38+25 ~ 40+21 Rt.

Sub-base of Sand Item 202
TA 33 +15+25 ~ +17+50

Δ 25° 00' Lt.
D 1°
R 1432.40
T 317.55
L 625.00
E 34.78
2T-L 10.10
Bank ½° per Ft.

P.I. 35+2220.
35+12.10

P.T. 39+29.45

Fd Mon

Coast Spec. Ditch, Item 606.4

0.65 Transite Pipe from Union School

4" Asphalt Rubberized Mulch Item 676.02 Comp. 150 lb. Grade SH

12" Item

45+56 ~ 48+74 Lt.
@ 2+36 P.C.'s on 1.5 R
@ 2+36 P.C.'s on 1.5 R

P.C. 29+14.53

Fd Mon B.A. Rem

T.R. #33
49+41.63
End Construction

48+35 Lt.
@ 13.33° Comp. S.H.

36" R.C.P.

P.T. 31+06.17
31+06.48
Eq. = -0.31

T.H. #29 P.I. 30+10.71
30+09.99

Tray P.O.T. 29+75.00

PLAN SCALE
0 50 100
100 FEET

Frontage Road to be built in its entirety during Stage I Construction

PROFILE
HORIZ. 1" = 50 FEET
VERT. 1" = 10 FEET

820
810
800
790

-6.64%

P.V.I. 40+50
400' V.C.
Elev. 799.00

-0.75%

-1.70%

6" UNDERDRAIN

P.V.I. 43+90
400' V.C.
Elev. 793.96

+3.10%

35+0 36+0 37+0 38+0 39+0 40+0 41+0 42+0 43+0 44+0 45+0 46+0 47+0 48+0 49+0

Frontage Road - T.R. #33
BARTON
I 91 - 3(11)
Sheet 33 of 670

JUL 11 1974

TH 29 POT 21+00.0

Δ 27°40' Lt
D 7°
R 818.31
T 201.52
L 395.31
E 21.44
Bnk ½ per ft.

Sub-base of Sand Item 202
TH 29 20+50 - 29+50
TH 29 30+75 - 36+70

TH 29 POT 29+85.00

SB POT 23+59+87.09
TH 29 POT 31+26.37
Δ 71°26'30" Lt

NB POT 23+59+66.09
TH 29 POT 33+00.23
Δ 72°52'40" Lt

TH 29 POT 37+04.83
END CONSTRUCTION

TH 29 Sta. 21+50
BEGIN CONSTRUCTION

TH 29 POT 27+00.41

TH 29 PI 25+60.23
28+60.48

TH 29 POT 33+41.69
End Constr.

Δ 10°32'26" Rt
D 5°30'
R 1041.74
T 96.13
L 191.64
E 4.49
Bnk ½ per ft

Construct Drive
35+00 Rt

PLAN SCALE
0 50 100
100 FEET

PROFILE SCALE
HORIZ. 50 FEET
VERT. 10 FEET

PVI 22+50
250' VC
elev 818.20
SSD 291

-3.0000%

-5.30% Grad Ex

PVI 24+00
300' VC
elev 814.00
SSD 325

-1.1000%

-12.0000%

-3.9000%

PVI 31+50
350' VC
elev 774.00
K = 99.06

-12.0000%

-3.000%

-3.0100%

-2.969%

-1.9235%

PVI 36+50
100' VC
elev 758.80
SSD 716

TH #29
BARTON
101-30
Sheet 36 of 670

JUL 11 1974

Muck Excavation, Item 117
S.B. 2364+30 - 2367+25
S.B. 2373+25 - 2375+00

* Three Cable Guard Rail "Right
Steel Posts, Item 538
S.B. 2362+36 - 2369+48 Rt
" 2362+71 2369+93 Lt
N.B. 2362+50 - 2366+66 Lt
N.B. 2362+50 - 2370+66 Rt

*Bridge Railing Item 572
S.B. 2359+00 - 2359+16 Lt
S.B. 2360+58 - 2362+83 Rt
S.B. 2360+63 - 2362+88 Lt
N.B. 2359+36 - 2360+49 Rt
N.B. 2359+97 - 2360+60 Lt

* Standard Steel Beam Guard Rail with Steel Posts (6'-3" spacing) Item 545-A
NB 2370+83 - 2375+00 Rt

Stone Fill For Slope Protection Item 512
S.B. 2364+50 Lt - 2369+10 Lt
S.B. 2364+78 Rt - 2366+25 Rt

Property Line Fence w/ Steel Posts, Item 638-II, Mod.
N.B. 2359+00 - 2375+00 Rt
S.B. 2360+29 - 2375+00 Lt

Treated Timber Curb Item 558
S.B. 2361+63 - 2361+78 Lt.
S.B. 2361+58 - 2361+73 Rt.

Sub-base of Sand Item 202
S.B. 2360+00 - 2372+00
15 25

* STAGE 2 CONSTRUCTION

* Topsoil Stockpiled
NB 2361+00 - 2363+00 Lt
600 C.Y.

Existing Aerial Utility Crossing to Remain. N.E.T. Co. to Replace Aerial with Underground (in Conduits) beneath Proposed Interstate, T.V. Co. to Adjust for Clearance.

S.B. Bridge Control
Middle of Bridge
Back Face of Abut. No. 1
Back Face of Abut. No. 2
30+27
T.A. 429

2360+64
Rt 50°
Fd Mon
S.B. POT. 2359+87.09

S.B. 2359+40
Stop Roadway
Begin Bridge

S.B. 2360+29
End Bridge
Resume Roadway

S.B. POT. 2367+09.17

S.B. POT. 2369+88.92

S.B. POT. 2374+22.44

BEGIN FENCE

END FENCE

BM 217-A
ELEV. 790.69

BM 218-A
ELEV. 766.00

BM 219-A
ELEV. 824.00

BM 180-A
ELEV. 838.94

N 8°56'25" W 2366

N 0°22'38" W 2368

N.B. POT. 2359+40

N.B. POT. 2362+00

N.B. POT. 2364+00.47

N.B. POT. 2369+51.32

N.B. POT. 2371+39.48

N.B. POT. 2374+39.32

Fd Mon

PLAN SCALE
0 50 100
100 FEET

STAGE 2 CONSTRUCTION

SURVEYED BY Jewett DATE 3/1/73
DRAWN BY Austin DATE 3/1/73
TRACED BY L. Clark DATE 3/1/73

BARTON
FRWY. EMP. I NO. 91 - 5 (19)
SHEET 97 OF
32 : 114

78

JUL 11 1974

* TREATED TIMBER CURB
Item 5-B.8
S.B. 2379+95 — 2389+00 Rt.
S.B. 2380+00 — 2386+18 Lt.
N.B. 2380+00 — 2390+10 Lt.
N.B. 2380+00 — 2391+00 Rt.

* Three Cable Guard Rail
w/Light Steel Posts, Item 5.3.8
S.B. 2378+00 — 2386+96 Lt.
S.B. 2378+50 — 2390+60 Rt.
N.B. 2375+50 — 2390+54 Lt.

Muck Excavation-Item 117
S.B. 2375+00-2376+75
S.B. 2379+50-2381+50
N.B. 2381+50 - 2386+00

Standard Steel Beam Guard Rail
w/Steel Posts (6'-3" spacing) Item 545-A
N.B. 2375+00 - 2391+00 Rt.

* STAGE 2 CONSTRUCTION

Sub-base of Sand Item 202
S.B. 2390+25 - 2391+00

Property Line Fence
w/Steel Posts, Item 543-II, Mod.
N.B. 2375+00-2391+00 Rt.
S.B. 2375+00-2391+00 Lt.

S.B. 2375+00 Lt. - 2375+75 Lt. Construct Special Ditch, Item 06-A

S.B. 2375+00 Lt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III

2377+00 150' Rt. Mon

S.B. POT. 2379+70.93

S.B. 2379+95 Rt. New 12"x8" CMP, 0.064" R.C.D.I. w/Grate B, Class III Bands @ all Joints

S.B. 2379+50 - 2381+50 Construct Special Ditch, Item 06-A

S.B. 2380+00 Lt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III 2 Coupling Bands @ all Joints

S.B. 2380+00 Lt. - 2380+50 Lt. Construct Special Ditch, Item 10-A

S.B. 2380+00 Lt. New 36"x24" ACCMP, 138" R.C.D.I.

S.B. POT. 2381+50.00

S.B. 2382+00 Lt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III 2 Coupling Bands @ all Joints

S.B. 2383+75 Rt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III 2 Coupling Bands @ all Joints

S.B. POT. 2383+96.12

S.B. 2384+00 Lt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III 2 Coupling Bands @ all Joints

S.B. 2386+75 Rt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III 2 Elbows 2 Coupling Bands @ all Joints

S.B. 2388+00 Lt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III 2 Coupling Bands @ all Joints

S.B. 2389+50 - 2389+75 Rt. New 24"x18" CMP, 0.079" S.H. Mod.

S.B. 2389+50 Lt. New 24"x18" CMP, 0.079" S.H. Mod.

S.B. 2389+75 - 2390+50 Rt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III

S.B. 2390+00 - 2391+00 Lt. New 6"x4" Underdrain, Item 04-A Mod.

S.B. 2390+50 Lt. New 18"x12" CMP, 0.064" R.C.D.I. w/Grate B, Class III

S.B. POT. 2390.5000

BM 221-A ELEV. 778.81

BM 222-A ELEV. 771.30

BM 223-A ELEV. 794.42

BM 220-A ELEV. 794.13

BM 224-A ELEV. 799.39

BM 225-A ELEV. 810.91

BM 179-A ELEV. 837.74

BM 178-A Elev. 824.46

N.B. POT. 2383+39.01

S.B.P.C. 2387+28.12

N 3°55'25" W

N 0°22'33" W

2377+00 150' Rt. Mon

2377+09 30' Lt.

2388+00 210' Rt. Mon

Present U.S. Rte. 5

Barton River

STAGE 2 CONSTRUCTION

SURVEYED BY Wescott DATE 4-5-65
DRAWN BY Austin DATE 5-6-65
TRACED BY L. Clark DATE 5-6-65
BARTON
PROJ. EMP I NO. 91 - 3 (19)
SHEET 99 OF

JUL 11 1974

Drilling & Blasting of Solid Rock Subgrade, Item 115
S.B. 2391+25 - 2400+25
S.B. 2406+75 - 2407+00
N.B. 2392+75 - 2400+25

Sub-base of Sand, Item 202
SB 2400+50 - 2405+50
SB 2391+00 - 2391+25
NB 2400+38 - 2406+00

* TREATED TIMBER CURB Item 558
N.B. 2391+00 - 2392+08 Rt.

Demolition and Disposal of Buildings, Item 586
N.B. 2391+25 Rt. (No. 6 Gen.)

* Standard Steel Beam Guard Rail w/Steel Posts, Item 545-A
N.B. 2400+00 - 2401+54 Lt. & Rt.
S.B. 2400+96 - 2402+50 Lt. & Rt.
N.B. 2398+00 - 2392+36 Rt.

Property Line Fence w/Steel Posts, Item 623-II, Mod.
N.B. 2391+00 - 2406+00 Rt.
S.B. 2391+00 - 2407+00 Lt.

* STAGE 2 CONSTRUCTION

R.B.M. #47
6" Sq. Disk
Elev. 876.74

TBM 227-A
ELEV 868.11

BM 226-A
ELEV 844.85

BM 228-A
ELEV 809.67

N 8°5'5.25" W

N 2°22'33" W

N.B. P.O.S.T. 2405 + 10.35

S.B. P.O.C. 2401+50

N.B. P.O.C. 2404+00

(Removed)

barn

STAGE 2 CONSTRUCTION

PLAN SCALE
0 50 100
100 FEET

SURVEYED BY Jewett DATE 4-5-63
DRAWN BY Austin DATE 5-63
TRACED BY L. Clark DATE 5-63
BARTON [redacted]
PROJ. EMP I NO. 91 - 5 [redacted] (19)
SHEET 161 OF [redacted]

62 114

80

JUL 11 1974

Drilling & Blasting of Solid Rock Subgrade, Item 115
S.B. 2407+00 - 2411+25
N.B. 2407+75 - 2410+85

Sub-base of Sand, Item 202
N.B. 2406+00 - 2419+75

* Three Cable Guard Rail w/Light Steel Posts, Item 538
S.B. 2419+90 - 2423+00 Lt.
2419+90 - 2423+00 Rt.
N.B. 2412+50 - 2422+00 Rt.
2418+50 - 2422+03 Lt.

* TREATED TIMBER CURB Item 558
S.B. 2418+00 - 2423+00 Rt.
N.B. 2413+50 - 2422+00 Rt.

* Topsoil Stockpiled
NB 2407+00 - 2411+00 Lt
±4200 C.y.

Muck Excavation, Item 117
N.B. 2411+75 - 2415+50

* STAGE 2 CONSTRUCTION

Property Line Fence w/Steel Posts, Item 543-II, Mod.
N.B. 2406+00 - 2422+00 Rt.
S.B. 2407+00 - 2423+00 Lt.

B.M. 173
ELEV. 943.10

S.B. P.I. 2411+44.28
2410+74.46

B.M. 172
ELEV. 924.68

B.M. 171
ELEV. 900.51

B.M. 229-B
ELEV. 918.91

B.M. 172A
ELEV. 896.13

N3°55'25"W

N02°22'33"W

N19°53'20"E

N16°57'57"E

S.B. P.O.C. 2414+00

N.B. P.I. 2412+19.62
2411+82.51

N.B. P.O.C. 2421+60

	S.B.	N.B.
Δ	23°48'45" Rt.	19°20'30" Rt.
D	0°30'	0°30'
R	11459.16	11459.16
T	2416.16	1952.72
L	4762.50	3868.55
E	251.95	165.13
Bank	RC	RC

P.B.M. #48
6" Sq. Disk
Elev. 882.19

PLAN SCALE
0 50 100
100 FEET

SURVEYED BY Jewett DATE 4-5/65
DRAWN BY Austin DATE 5/65
TRACED BY L. S. York DATE 5/65
BARTON
PROJECT NO. 91-3(19)
SHEET 103 OF 114

64, Const 81

JUL 11 1974

* Three Cable Guard Rail w/Light Steel Posts, Item 538
S.B. 2423+00 - 2424+46 Rt
N.B. 2422+00 - 2422+58 Rt
S.B. 2423+00 - 2423+32 Lt

* STAGE 2 CONSTRUCTION

* TREATED TIMBER CURB Item 558
S.B. 2423+00 - 2423+50 Rt

Construct Maintenance U-Turn
2424+00 NBLT - 2425+20 SBLT

Drilling & Blasting of Solid Rock Subgrade, Item 115
S.B. 2425+25 - 2440+00
N.B. 2424+76 - 2438+00

Property Line Fence w/Steel Posts, Item 583-III, Mod.
N.B. 2422+00 - 2438+00 Rt
S.B. 2423+00 - 2440+00 Lt
31 +81

S.B. 2423+50 Rt New 18"x24" CMP, 90° or CMPA, 60° w/11-10° Elbows & 2 Coupling Bands @ All Joints R.C.D.I.

S.B. 2423+75 - 24+37.50 Lt. 8"x 33" R.C.P.I.M.U.C. 1-A

BM 170 ELEV. 916.93

S.B. 2427+00 Rt - S.B. 2439+00 Rt New 18"x 64' ERP R.C.P. Class III R.C.D.I. w/Grate A

S.B. 2427+00 Lt - Rt New 18"x 64' ERP R.C.P. Class III R.C.D.I. w/Grate A

S.B. 2430+00 Lt - Rt New 18"x 64' ERP R.C.P. Class III R.C.D.I. w/Grate B

S.B. 2430+00 Rt - S.B. 2439+00 Rt 300' New 18"x 64' ERP R.C.P. Class III R.C.D.I. w/Grate A

S.B. 2433+00 Lt - Rt New 18"x 64' ERP R.C.P. Class III R.C.D.I. w/Grate B

2439+87 200' NOT EX.

BM 169 ELEV. 909.32

S.B. 2439+00 Rt - S.B. 2440+00 Rt 24" New 18"x 64' ERP R.C.P. Class III

SB 2440+00
END PROJECT I 91-3 (19) | BEGIN PROJECT I 91-3 (20)

S.B. 2428+26.38 Begin 600' Taper

S.B. 2431+26.38 End 600' Taper Begin 1500' Accel. Lane

N19°53'20"E

2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2440

BM 170-A ELEV. 888.88

N16°57'57"E

pasture

2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2436 2437 2438

N.B. 2422+25 Lt - 24+20.25 Lt Construct Spade Ditch, Item 605-A

Conc. 30"-19" box 1.16

1" plastic pipe

N.B. 2423+50 - 24+37.50 Lt. 8"x 350' R.C.S.M.U.C. 1-A

N.B. 2427+00 Lt - Rt New 18"x 64' R.C.P. Class III R.C.D.I. w/Grate A

N.B. 2427+00 Rt - N.B. 2430+00 Rt 300' New 18"x 64' R.C.P. Class III R.C.D.I. w/Grate A

N.B. 2430+00 Lt - Rt New 18"x 64' R.C.P. Class III R.C.D.I. w/Grate A

Rev. N.B. PT. 243/43.23 = S.B. PT. 2435+90.12 Ecc. = 454.89

N.B. 2430+00 Rt - 2436+00 Rt New 18"x 64' R.C.P. Class III R.C.D.I. w/Grate B

N.B. 2433+00 Lt - Rt New 18"x 64' R.C.P. Class III R.C.D.I. w/Grate B

N.B. 2437+00 - 2438+44 Rt 24" R.C.P. Cl. III R.C.D.I. w/Grate B

Rev. N.B. PT. 243/43.23 = S.B. PT. 2435+90.12 Ecc. = 454.89

NB 2438+00
END PROJECT I 91-3(19) | BEGIN PROJECT 191-3 (20)

Fd Mon. 2437+49 147'±

STAGE 2 CONSTRUCTION

PLAN SCALE 0 50 100 100 FEET

SURVEYED BY Jewett DATE 4-5-74
DRAWN BY Austin DATE 5-1-74
TRACED BY L. Clark DATE 5-1-74
BARTON
PROJECT NO. 91-3(19)
SHEET 10 OF 114

8.2

JUL 11 1974

I 91-3 (26)

Section I Beginning at a point approximately 0.423 miles southerly of the Barton-Irasburg town line and extending northerly 0.423 miles.

Length of Roadway	2,865.76 feet	= 0.724 Miles
Length of Bridges	200.40 feet	= 0.04 Miles
Length of Project	3,066.16 feet	= 0.762 Miles
ADT	1990	2990
ADT	1987	1380
DHV	1990	760
D	59.0%	
T	7%	
V	50 MPH	

F 041-5 (5)

Section I Beginning at a point on existing US Rte. 5 approximately 0.590 mile southerly of the Section III-Barton Town Line and extending northerly 0.515 mile.

Section II Beginning at a point on existing US Rte. 5 approximately 0.307 mile northerly of the Barton-Irasburg Town Line and extending northerly 0.154 mile.

Length of Roadway	3,771.72 feet	= 0.715 Mile	
Length of Project	3,775.72 feet	= 0.715 Mile	
Section I	3,634.72 feet	= 0.573 Mile	
Section II	759.00 feet	= 0.192 Mile	
SA 3 II Sheet 25.72	II	12	US 5 18+00-20+50
ADT	1986	710	1530
ADT	1987	1900	5320
DHV	1987	210	870
D		12%	60%
T		7%	8%
V		50 MPH	

S 0310(1) & ST0310(1)

Section I: Beginning at a point on existing Vt. Rte. 58 approximately 0.164 mile westerly of the present junction of Vt. 58 and Rte. 5 and extending easterly 0.182 mile.

Section II: Beginning at a point on existing Vt. Rte. 58 approximately 0.010 mile easterly of the present junction of Vt. 58 and Rte. 5 and extending westerly 0.151 mile.

Section III: Beginning at a point approximately 0.477 mile southwesterly of the Barton-Irasburg Town Line and extending northerly 0.161 mile.

Length of Roadway	2,703.83 feet	= 0.512 mile	
Length of Project	2,723.83 feet	= 0.516 mile	
Section I	861.27 feet	= 0.163 mile	
Section II	836.00 feet	= 0.158 mile	
Section III	850.20 feet	= 0.161 mile	
Vt. 58 10+07-19+55.87			
ADT	1990	670	1340
ADT	1987	1180	2360
DHV	1987	240	480
D		20%	20%
T		7%	4%
V		40 MPH	

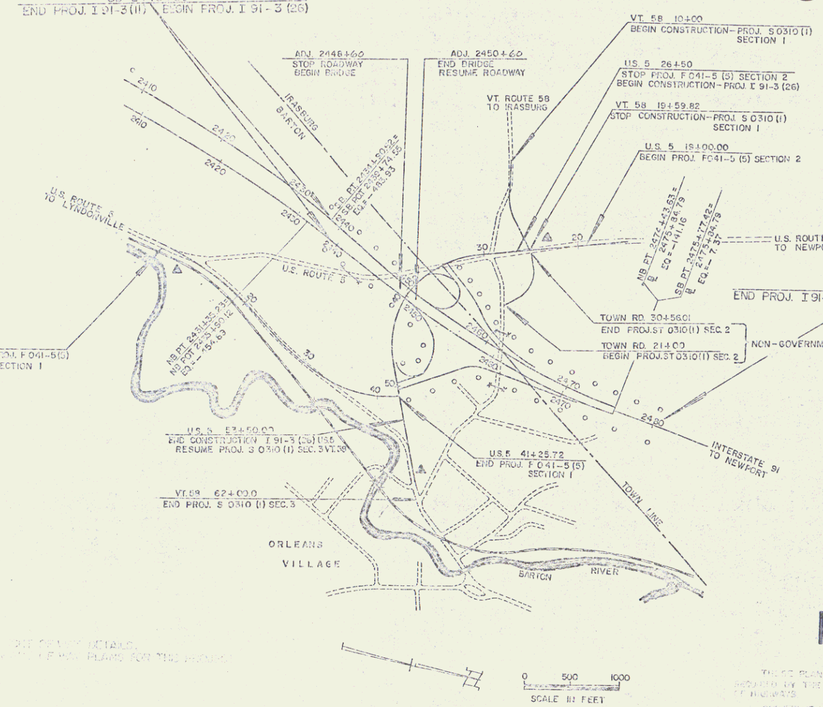
PAPER
COPY OF LINE MAPS

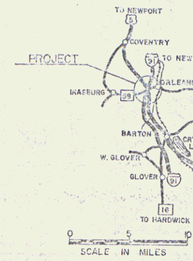
PROPOSED IMPROVEMENT

INTERSTATE
FEDERAL
SECONDARY AND STATE
PROJECT

BARTON-IRASBURG
COUNTY OF ORLEANS
INTERSTATE ROUTE 91
ST. JOHNSBURY-NEWPORT ROAD

COMPOSITE







CONSTRUCTION PLANS

INDEX OF SHEETS

1.	Title Sheet (Composite)		
2-3.	Composite, Quantity Sheets		
	Standards Applicable to Projects		
4.	A-60	Slopes in Solid Rock Excavation (50 MPH and over)	Jan. 17, 60 R
4a.	A-61	Slopes in Solid Rock Excavation (Under 50 MPH)	Aug. 7, 67 R
5.	B-5	Stone Grading - Terraces, etc.	Mar. 10, 65
6.	B-6	Rock Excav. - Tunnel Grillage	Mar. 10, 65
7.	B-10	Embankment on a Slope	Mar. 10, 65
8.	B-11	Underdrain-Rock Subgrade: Slope Stabilization	Mar. 10, 65
9.	B-12	Side Road Intersection, Depressed Ramp	Mar. 10, 65
10.	B-13	Drive Intersections - Drives	Mar. 10, 65
11.	B-16	Islands - Storage Taper	Jul. 21, 67 R
12.	C-1	Curbs - Bitum. Conc. Sidewalk	Sep. 10, 68 R
13.	C-1a	Curbs	Mar. 10, 65
14.	D-2	C.R.M. - Headwalls - Underdrain	Apr. 19, 63 R
15.	D-3	Jute Matting - Treated Gutters	Jul. 15, 67 R
16.	D-4	Metal Pipe Elbows - Flashing Aprons, etc	Mar. 10, 65
17.	D-6	Reinf. Conc. Drop Inlet with Grate	Dec. 4, 62 R
18.	D-8	Reinf. Conc. Drop Inlet with Pre-cast Cover, etc	Dec. 22, 66
19.	D-10	Tops for Drop Inlets	Mar. 10, 65
20.	D-11	Grates and Covers for C.B., M.H., and D.I.	Mar. 10, 65
21.	D-12	Catch Basin or Manhole	Nov. 15, 67 R
22.	D-16	Drop Inlet, Type II - Grates-Risers	Oct. 28, 63
23.	D-17	Drop Inlet, Type III-Branch-Riser-Reducer, etc	Jul. 1, 68 R
24.	Blank		
25.	E-12	U.S. Route Markers	Aug. 23, 61 R
26.	E-13	State Route Markers	Aug. 28, 68 R
27.	E-14	Regulatory Signs	Aug. 12, 69 R
28.	E-15	Regulatory Signs	Aug. 12, 69 R
29.	E-16	Warning Signs	Dec. 18, 67 R
30.	E-17	Guide Signs	Jan. 4, 66 R
31.	E-18	Guide Signs	Nov. 15, 64 R
32.	E-20	Delineators, Hazard Markers, Mile Posts	Nov. 7, 67 R
33.	E-21	Ground Mounted Sign Supports	Oct. 19, 67 R
34.	E-23	Yielding Type Tubular Aluminum Sign Supports	Nov. 23, 68
35.	E-25	Sign Placement - Expressway Type (Replace E-1a)	Feb. 6, 68
36.	E-26	Sign Placement - Non-Expressway (Replace E-1b)	Nov. 6, 68
37.	E-31	Fed. Aid Const. Identification Signs	Aug. 21, 67 R
38.	E-32	Road Const. Approach Signs	Jan. 6, 67
39.	E-33	Bridge Const. Approach Signs	Jan. 9, 67
40.	E-34	On-Project Construction Signs	Mar. 3, 67 R
41.	E-36	Road Const. Signs - Paving	Jan. 12, 67
42.	F-1	Property Line Fence	Nov. 20, 67 R
43.	G-1	Steel Beam Guard Rail (50 MPH and over)	Oct. 9, 68 R
44.	G-2a	Two Cable Guard Rail - Anchors	Oct. 29, 69
45.	G-2b	Two Cable Guard Rail - Road End Anchorage	Oct. 20, 68
46.	G-4	Timber - Guide Posts - Plank Guard Rail	Dec. 30, 65 R
47.	G-6	3-Cable Guard Rail - Light Steel Posts - Anchors	Aug. 21, 68 R
48.	G-7	3-Cable Guard Rail - Light Steel Posts-Anchors	Aug. 21, 68 R
49.	G-11	Steel Beam Guard Rail - Light Steel Posts-Anchors	Oct. 8, 68 R
50.	L-2	Piezometer, Type I and II	Apl. 1, 68 R

POOR ORIGINAL COPY

Stage 1 Construction

THESE PLANS ARE SUBJECT TO SUCH MODIFICATIONS AS MAY BE ORDERED BY THE FEDERAL HIGHWAY ADMINISTRATOR OR THE COMMISSIONER OF HIGHWAYS

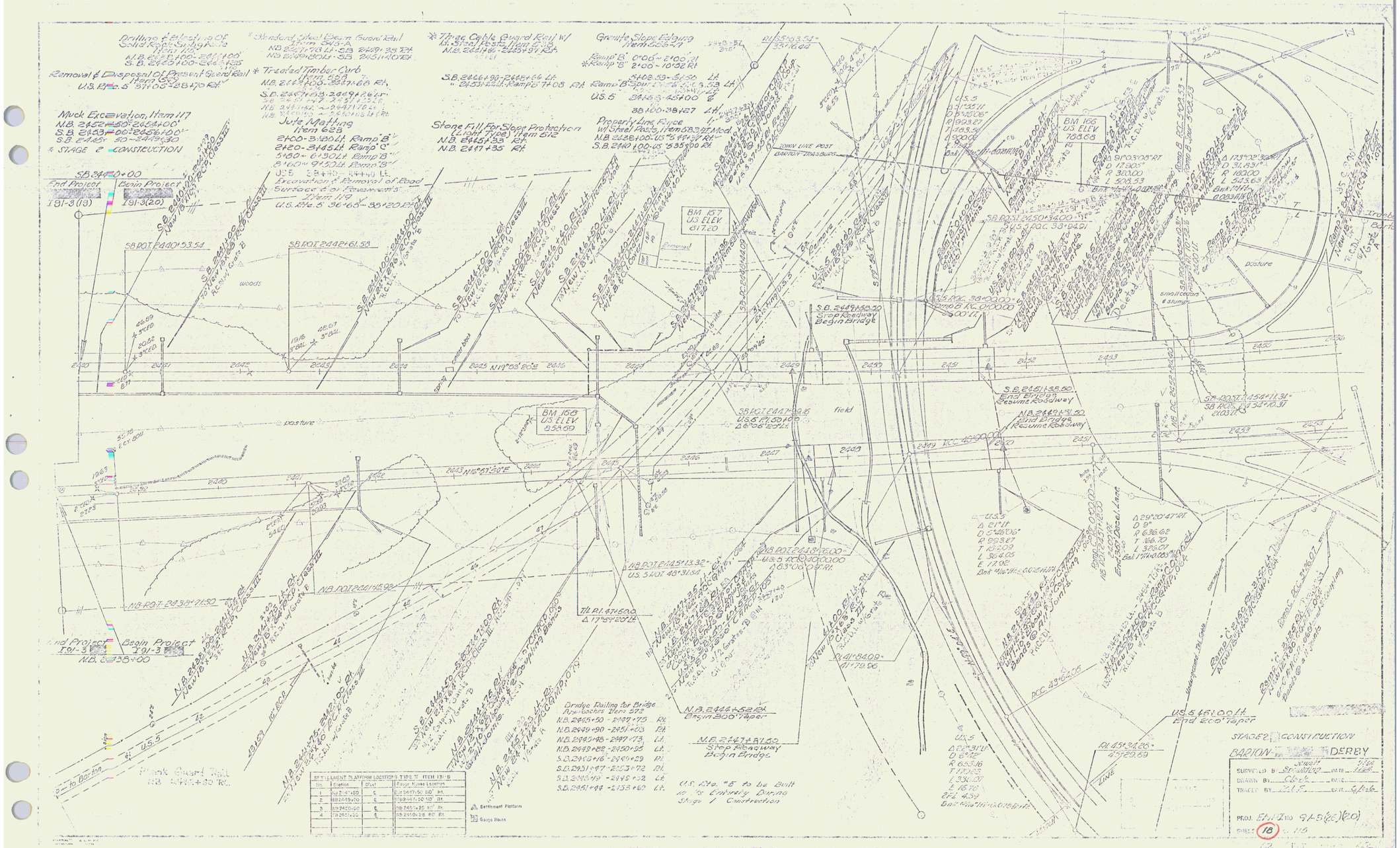
CONTRACTING TO BE IN CONFORMITY WITH THE SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS AS SET FORTH IN THE PROPOSAL FORMS AND CONTRACT AGREEMENT FOR THE PROJECT

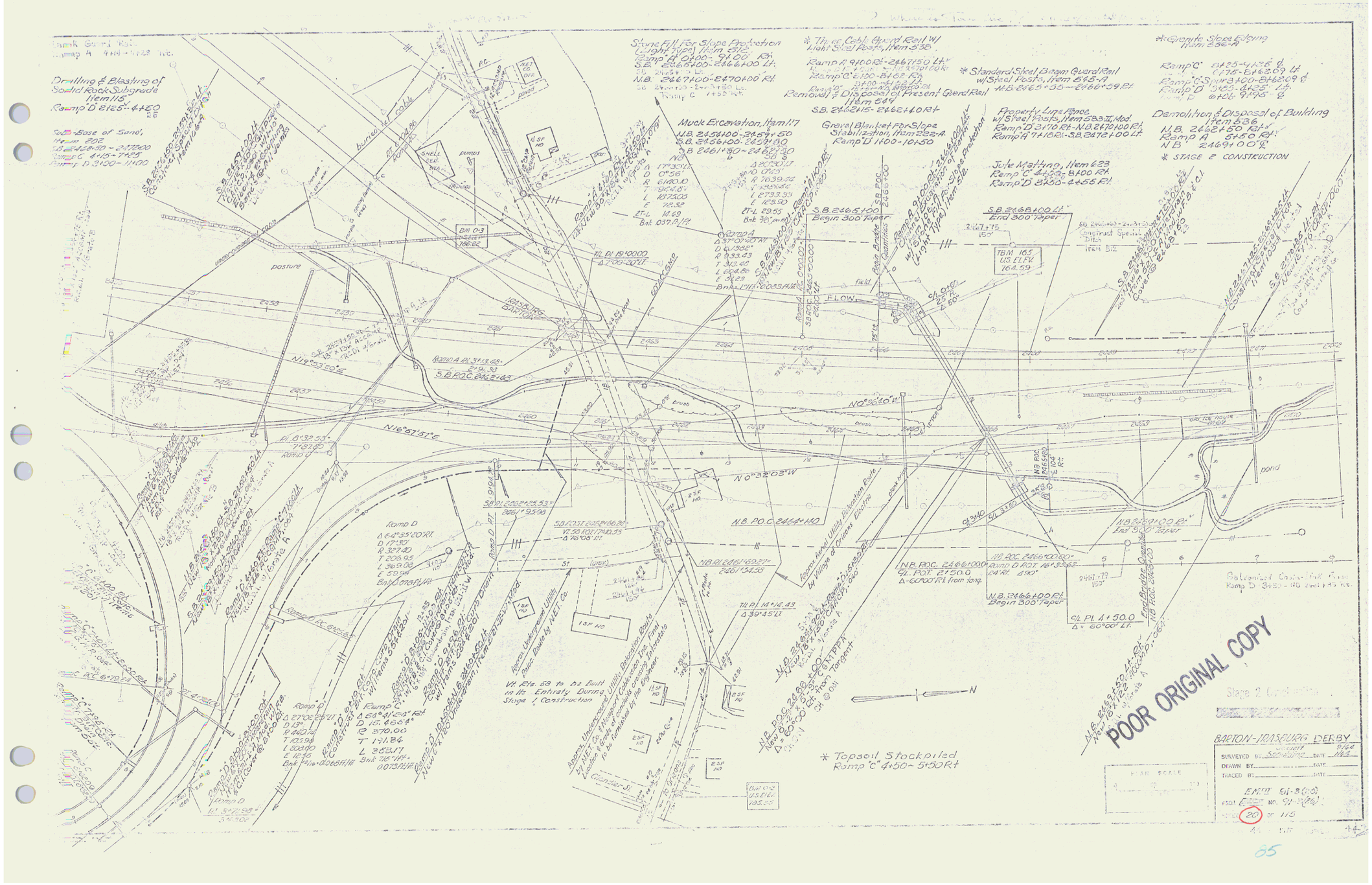
STATE OF VERMONT AGENCY OF TRANSPORTATION
BUREAU OF HIGHWAYS

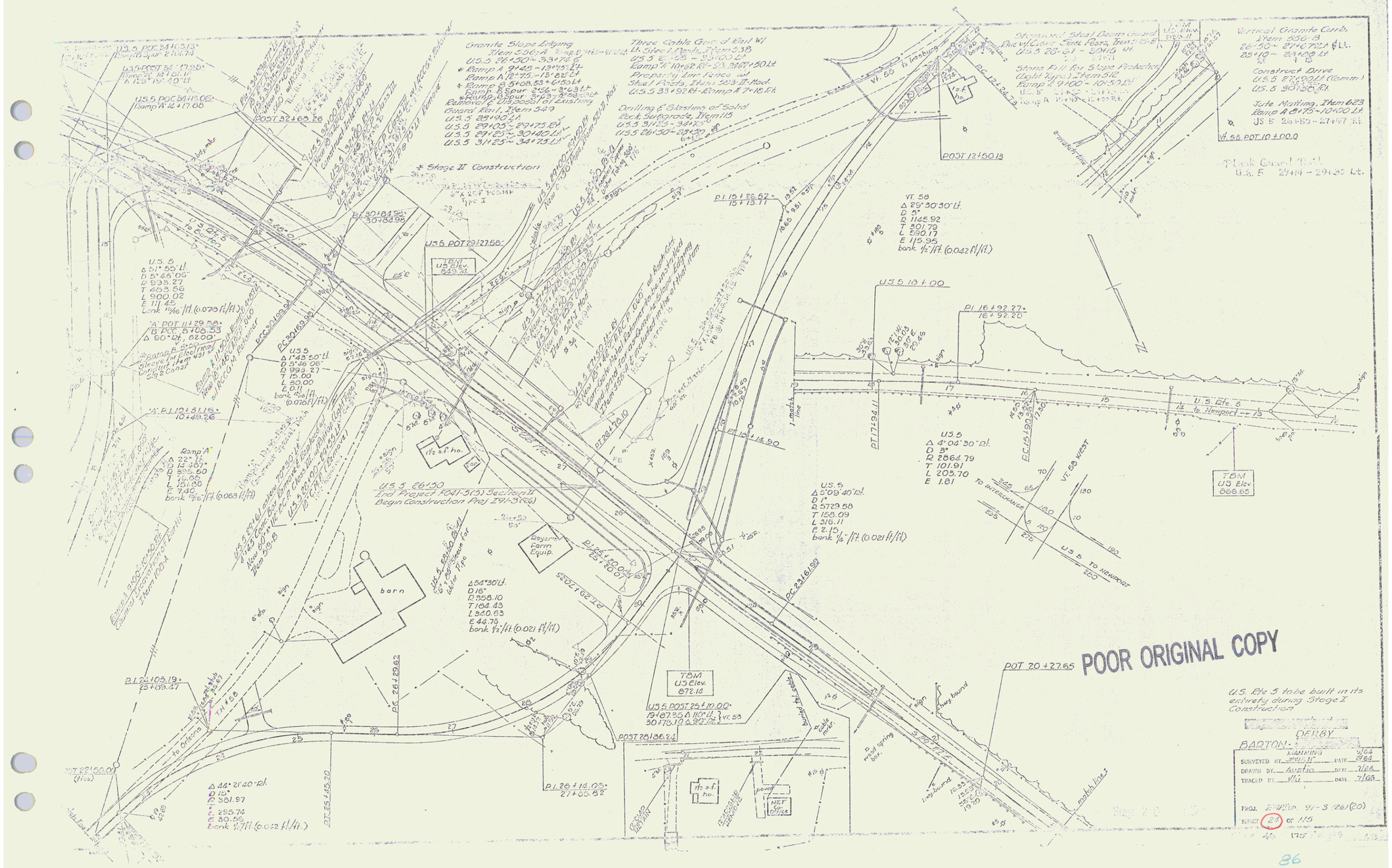
L.O. Rowell	D.E. Keller	Gen. Bjone	G.W. Lane	E.W. Dickey	R.H. Arnold
7/1/66	7/1/66	7/1/66	7/1/66	7/1/66	7/1/66

1 I 91-3 (26)
COMPOSITE
1 89

83


Drilling & Sampling Of Solid Rock For Strength Tests Item 109
N.B. 2420+00 - 2421+00
S.B. 2420+00 - 2421+00
Removal & Disposal Of Present Guard Rail Item 625
U.S. Rte. 5 31+05 - 32+70 Rt.
Muck Excavation, Item 117
N.B. 2452+50 - 2454+00
S.B. 2453+00 - 2456+00
S.B. 2454+50 - 2459+30
* STAGE 2 CONSTRUCTION
* Standard Steel Beam Guard Rail Item 543-A
* Treated Timber Curb Item 553
Jute Matting Item 623
Excavation & Removal of Road Surface & Pavements Item 119
Granite Slope Edging Item 606.7
Ramp 'B' 0+06 - 2+05 Lt
*Ramp 'B' 2+00 - 10+32 Rt
Ramp 'B' Spur 2+08.33 - 5+30 Lt
US 5 38+46.5 - 45+00 Rt
38+00 - 38+27 Lt
Property Line Fence w/ Steel Posts, Item 683 Set Mod
N.B. 2428+00 - US 5 +66' Rt
S.B. 2440 +00 - US 5 35+00 Rt
Stone Fill For Slope Protection (Light Type) Item 612
N.B. 2445+38 Rt.
N.B. 2447+35 Rt.
BM 157 US ELEV 617.20
BM 166 US ELEV 733.68
BM 168 US ELEV 655.69
Begin Project 191-3(20)
End Project 191-3(13)
Frank Guard Rail N.B. 2447+30 Rt.
Bridge Railing for Bridge Approaches Item 572
Stage 1 Construction
Stage 2 Construction
DERBY
SURVEYED BY: Schubert
DRAWN BY: Clark
TRACED BY: C.L.F.
PROJ. FAI-NO 91-5(26)120
SHEET 18
POOR ORIGINAL COPY
84


Drilling & Blasting of Solid Rock Subgrade Item 115
Ramp D 2+25 - 4+20
SB Base of Sand, Item 302
SB 2468+50 - 2477+00
Ramp C 4+10 - 7+50
Ramp D 9+00 - 11+00
Stone Fill for Slope Protection (Light Type) Item 512
Ramp A 9+00 - 11+00 Rt
S.B. 2466+00 - 2466+00 Lt.
N.B. 2467+00 - 2470+00 Rt.
* Three Cable Guard Rail W/ Light Steel Posts, Item 538
Ramp A 9+00 Rt - 2467+50 Lt
Ramp C 5+00 - 8+62 Rt
Ramp D 8+00 - 9+42 Lt
Removal & Disposal of Present Guard Rail Item 649
S.B. 2462+15 - 2462+40 Rt
* Standard Steel Beam Guard Rail w/ Steel Posts, Item 545-A
N.B. 2465+55 - 2466+59 Rt
* Granite Slope Edging Item 536-A
Ramp C 8+25 - 4+25 ℄
C 7+75 - 8+62.09 Lt
Ramp C Spur 8+00 - 8+62.09 ℄
Ramp D 9+25 - 4+25 Lt.
Ramp D 8+06 - 9+96 ℄
Muck Excavation, Item 117
N.B. 2454+00 - 2455+50
S.B. 2456+00 - 2459+80
S.B. 2461+50 - 2462+30
Gravel Blanket for Slope Stabilization, Item 222-A
Ramp D 11+00 - 10+50
Property Line Fence w/ Steel Posts, Item 538.3 II, Mod
Ramp D 3+10 Rt - N.B. 2470+00 Rt.
Ramp A 7+18 Rt - S.B. 2472+00 Lt.
Demolition & Disposal of Building Item 536
N.B. 2462+50 Rt
Ramp A 9+50 Rt
N.B. 2469+00 ℄
* STAGE 2 CONSTRUCTION
Jute Matting, Item 623
Ramp C 4+25 - 8+00 Rt.
Ramp D 8+50 - 4+55 Rt.
Ramp A 9+00 Rt - 2466+00 Lt
Ramp C 8+00 - 5+50 Rt
Ramp D 11+00 - 10+50
Ramp A 9+00 Rt - 2466+00 Lt
Ramp C 8+00 - 5+50 Rt
Ramp D 11+00 - 10+50
S.B. 2465+00 Begin 300' Taper
S.B. 2468+00 Lt End 300' Taper
TBM 165 US ELEV. 164.59
Ramp A Δ 37°07'40" Rt
D 6°13'00"
R 933.43
T 313.40
L 604.66
E 51.29
Brk. 1+11 - 0+03.9 Rt
Ramp A Δ 37°07'40" Rt
D 6°13'00"
R 933.43
T 313.40
L 604.66
E 51.29
Brk. 1+11 - 0+03.9 Rt
P.I. Ramp A 19+00.00
Δ 7°09'20" Lt.
Ramp A Δ 37°07'40" Rt
D 6°13'00"
R 933.43
T 313.40
L 604.66
E 51.29
Brk. 1+11 - 0+03.9 Rt


Granite Slope Edging Item 536-A
Three Cable Guard Rail W/ Lt. Steel Posts, Item 538
Drilling & Blasting of Solid Rock, Subgrade, Item 115
Guard Rail, Item 540
Removal & Disposal of Existing Guard Rail, Item 540
* Stage II Construction
Ramp A
Ramp B
Ramp C
Ramp D
Ramp E
Ramp F
Ramp G
Ramp H
Ramp I
Ramp J
Ramp K
Ramp L
Ramp M
Ramp N
Ramp O
Ramp P
U.S. 5
VT. 58
VT. 58 WEST
TH # 58
Vertical Granite Curb, Item 656-B
Construct Drive
Jute Matting, Item 623
Plank Guard Rail
Steel Beam Guard Rail of Giant Tube Posts, Item 606-E
Stone Fill for Slope Protection (Light Type), Item 512
Guide Rail, Item 606-A
Concrete Sidewalk, Item 608
Concrete Curb, Item 609
Concrete Median, Item 609
Concrete Gutter, Item 609
Concrete Slope Paving, Item 609
Concrete Apron, Item 609
Concrete Headwall, Item 609
Concrete Endwall, Item 609
Concrete Wingwall, Item 609
Concrete Collar, Item 609
Concrete Pavement, Item 609
Concrete Base, Item 609
Concrete Footing, Item 609
Concrete Foundation, Item 609
Concrete Pier, Item 609
Concrete Abutment, Item 609
Concrete Bridge, Item 609
Concrete Culvert, Item 609
Concrete Box Culvert, Item 609
Concrete Pipe, Item 609
Concrete Manhole, Item 609
Concrete Inlet, Item 609
Concrete Catch Basin, Item 609
Concrete Drop Inlet, Item 609
Concrete Curb Inlet, Item 609
Concrete Gutter Inlet, Item 609
Concrete Slope Inlet, Item 609
Concrete Median Inlet, Item 609
Concrete Apron Inlet, Item 609
Concrete Headwall Inlet, Item 609
Concrete Endwall Inlet, Item 609
Concrete Wingwall Inlet, Item 609
Concrete Collar Inlet, Item 609
Concrete Pavement Inlet, Item 609
Concrete Base Inlet, Item 609
Concrete Footing Inlet, Item 609
Concrete Foundation Inlet, Item 609
Concrete Pier Inlet, Item 609
Concrete Abutment Inlet, Item 609
Concrete Bridge Inlet, Item 609
Concrete Culvert Inlet, Item 609
Concrete Box Culvert Inlet, Item 609
Concrete Pipe Inlet, Item 609
Concrete Manhole Inlet, Item 609
Concrete Catch Basin Inlet

Gravel Blanket For Slope Stabilization, Item 212-A
44+50 - 47+62 Lt.

Ramp "D" 14+00-10+50 Rt.
Ramp "C" 11+00-10+23 Rt.

Granite Slope Edging Item 654-A
U.S. 5 45+00 - 49+38 Rt.
53+95 - 54+56 Rt.
* Ramp C 11+00 - 11+00 Lt. (Spur)
* Ramp C Spur 8+62.09 - 10+28 * Ramp D 1+00 - 2+00 Lt.
Ramp D 0+39 - 1+00 Lt.

Property Line Fence w/ Steel Posts, Item 682-II Mod.
U.S. 5, 44+37 Rt. - Ramp D 3+70 Rt.

Jute Matting, Item 623
Ramp "D" 0+75 - 3+50 Rt.

Subbase of Sand, Item 208
0+75 - 3+00

U.S. 5 43+00 Lt.
Begin 200' Taper

U.S. 5 45+00
End 200' Taper
Begin 228' Accel. Lane

U.S. 5
Δ 21° Lt.
D 5°46'06"
R 993.27
T 184.09
L 364.05
E 17.92

U.S. 5
Δ 22°31' Lt.
D 6°42'
R 855.16
T 170.23
L 336.07
E 16.78

Drilling and Blasting of Solid Rock Subgrade, Item 116

U.S. 5 44+75 - 48+50
Ramp "C" 11+25-12+23.31
Ramp "C" Spur 8+62.09-10+75

Excavation & Removal of Road Surfaces Under Pavements, Item 119
32+00 - 33+50 Rt.

Project Marker 55' Lt.

53+50 Stop Project FO41-3(11) Feature Project 5391.07(7)

U.S. 5 POT 30°04.52"
Ramp D 0°00.00
Δ 0°17'

U.S. 5 POT 69°12.52"
Ramp C Spur 11+68.09
Δ 00° Lt.

S.A. 3 - 41+25.72
Stop Project FO41-3(15) Section

Δ 49°25'30" Lt.
D 13°
R 427.67
T 218.71
L 403.34
E 46.05

Galvanized Chain-Link Fence Rt. 5 51+00 - 54+00 Rt.

Stone Fill For Slope Protection (Light Type) from Site
U.S. 5 46+35 Lt.
U.S. 5 46+35 Lt.

Ending Station for Item 406.25 at Ramp Terminals Skyl Const

Ramp "A"	12+75
" "B" Spur	3+63
" "B"	2+00
" "C"	11+00
" "C" Spur	10+28
" "D"	1+00

25' 25' 25' 25'

1½" Item 406.25
2½" Item 307.25
2½" Item 303.25
12" Item 201 1-2
12" Item 201 1-2 Subgrade

POOR ORIGINAL COPY

BARTON-MALOW - DERBY

SURVEYED BY Jewett DATE 9/14
DRAWN BY DATE
TRACED BY P.L.H. DATE 9/16

PROJ. EMPX No. 91-2(20)
SHEET 23 OF 115

87

* Three Cable Guard Rail w/ Light Steel Posts, Item 638
- N.B. 2471+07 - 2480+00 Rt.
" 2470+00 - 2480+00 Rt.

Property Line Fence w/ Steel Posts, Item SEL.B:11 Mod.
N.B. 2470+20 - 2480+00 Rt.
S.B. 2471+00 - 2480+00 Lt.

Sub-base of Sand, 17 cm Thick
S.B. 2472+00 - 2475+00

Stone Fill for Slope Protection (Light Type), Item 512
N.B. 2470+00 - 2480+00 Rt.
S.B. 2474+00 - 2480+00 Lt.

* STAGE 2 CONSTRUCTION

Construct U-Turn
2470+00 NB Lt - 2471+35 S.B. Rt.

N

BM 163
U.S. ELEV
741.68

BM 162
U.S. ELEV
731.06

BM 164
U.S. ELEV
756.94

P.O.T. 2482+00.00

S.B. POT 2479+48.62

N.B. POT 2478+43.63 =
S.B. POT 2475+64.79
Eq. = 141.16'

N.B. 2471+25 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

S.B. 2471+25 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

N.B. 2473+75 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

S.B. 2473+75 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

N.B. 2474+50 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

S.B. 2474+50 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

N.B. 2475+64 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

S.B. 2475+64 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

N.B. 2478+50 Lt.-Rt. - New 8"x16" R.C.C.P. 060° Reinforcement, Item SEL.B:11 Mod. w/ 2.1 Cover @ Ends

Construct Ditch with Stone Fill

Construct Ditch

Field

pasture

pond

brush

Lapham Town Line

Treasure Island Rd.

6"E. 76.59' N 0°32'55"W

6"E. 73.86'

74.00'

POOR ORIGINAL COPY

Stage 2 Construction

RAPTON & JEWETT DERBY

SURVEYED BY Schilling DATE 7/64

DRAWN BY DATE

TRACED BY DATE

PROJ. EMRT NO. 91-3(7)
91-3(8)

SHEET 22 OF 115

88