INDEX OF SHEETS

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

INTERSTATE FEDERAL SECONDARY STATE PROJECT

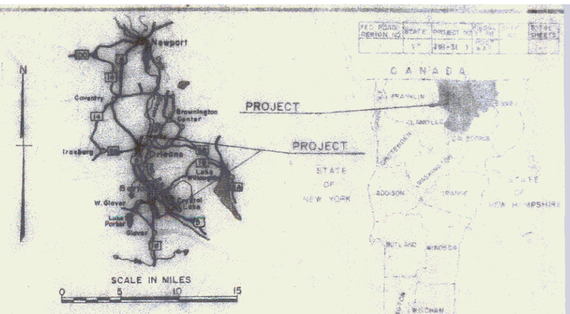
BARTON-IRASBURG

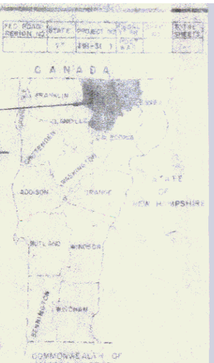
COUNTY OF ORLEANS

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.
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

ADT	1966	2080
ADT	1987	4960
DHV	1987	750
D		52.5%
T		7%

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.
Length of Roadway 3,775.72 feet = 0.715 mile
LENGTH OF PROJECT 4026 FEET = 0.763 MILE
SECTION I 3300 FEET=0.587(MILES
Section II 926 FEET= 0.1753 MILES

SA 3 11+00+41475.72	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%	

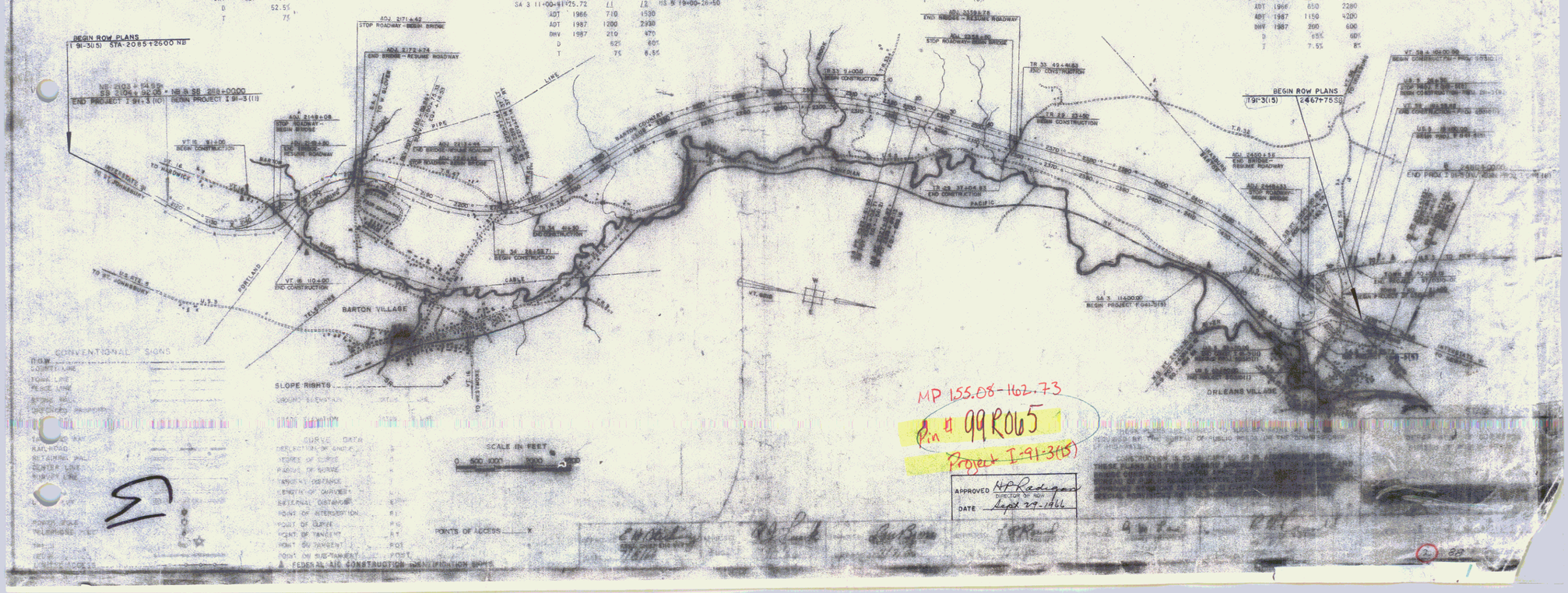
Beginning at a point on existing Vt. 58 approximately 0.180 mile easterly of the present junction of Vt. 58 and U.S. 5, and extending westerly 0.181 mile.
Length of Roadway 956.01 feet = 0.181 mile
LENGTH OF PROJECT 954 FEET=0.181 MILE

ADT	1966	20
ADT	1987	30
DHV	1987	10
D		70%
T		10%

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 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
Vt 58 10+00+19+59.82 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



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

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J		

GRANTOR	SHEET NO.	PARCEL NO.
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L		
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LAFOE,RAYMOND E.& NAOMI(H&W)LESSEE	47,48	36
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WHITTEMORE,CLAUDE W.& MARGUERITE(H&W) LESSEE	44	32
X		
Y		
Z		

MADE BY: R.L.S. DATE 4-28-69
CHECKED BY: DATE 4-29-69

PROJECT BARTON-IRASBURG
NO. I 91-3(15)
SHEET 8A OF 88

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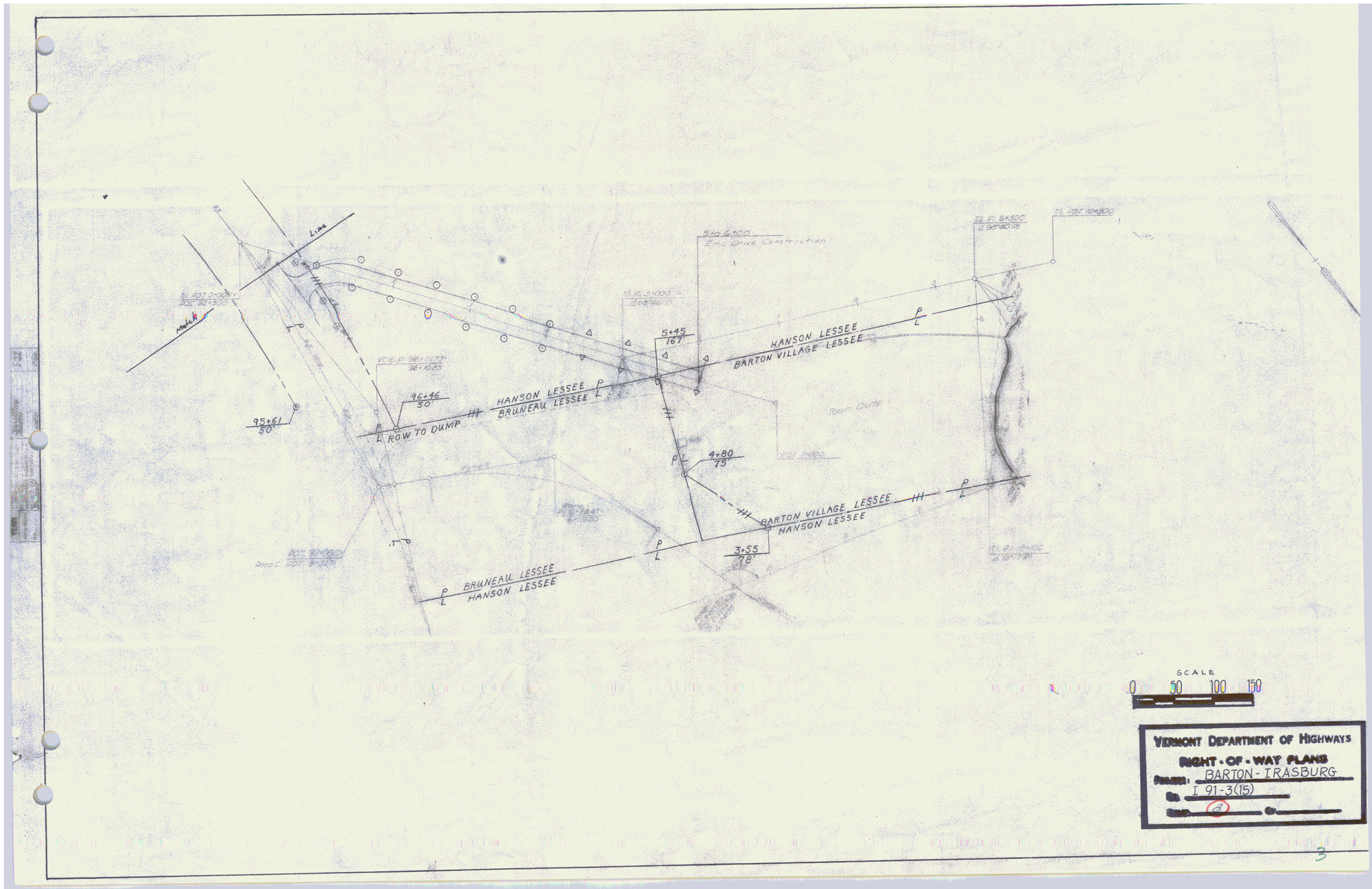
Line
Match
95+61
50'
96+46
50'
L ROW TO DUMP
HANSON LESSEE
BRUNEAU LESSEE
5+45
167'
HANSON LESSEE
BARTON VILLAGE LESSEE
Sta. 6+00
End Drive Construction
Town Dump
4+80
75'
BARTON VILLAGE LESSEE
HANSON LESSEE
3+55
78'
BRUNEAU LESSEE
HANSON LESSEE
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON - IRASBURG
I 91-3(15)

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 (53.0 A)
		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	2122+16 NB.	106+50 Rt. NL	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 Proj. Rt.	106+00 Proj. Rt.			Slope (4100°) (T)						
B		25	6+94 Proj. Rt.	95+61 Proj. Lt.	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 decreased by 0.55 A± per Ch. # 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 Deitz 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.	TCG
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 RLA DATE 9-23-66
CHECKED BY [illegible] DATE [illegible]

APPROVED [illegible] CHIEF OF ACQUISITION DATE [illegible]
APPROVED [illegible] DIRECTOR OF PROJECTS DATE [illegible]
APPROVED [illegible] DIRECTOR OF PLANNING DATE [illegible]

PROJECT BARTON - GRAFTON
NO. I 91-3(15)
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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 BSL				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.B. DATE: 10-6-67

APPROVED: _____ CHIEF OF ACQUISITION DATE: _____
APPROVED: _____ DIRECTOR OF HIGHWAYS DATE: _____
APPROVED: _____ FOR THE SECRETARY DATE: _____

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

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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 &	28	2157+00 RT				DRAINAGE (P)						
	HAZEL T. ANNIS (H&W) (LESSEE)	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 16	112+50 VT RTE 16	0.60 A±	54.38A±		FEE COND	6-18-68	BARTON	55	110 116	
	OLIN G. SIMONS &	27	107+50 VT RTE				DRAINAGE & DITCH						
	MARION E. SIMONS (H&W) (LESSEE)	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
- T.O.C. TOP OF CUT
- T.S. TOE OF SLOPE

BY S.R. DATE 8-26-68

CHECKED BY E.B. DATE 10-16-68

APPROVED [signature] CHIEF OF ACQUISITION DATE 10-24-68

APPROVED [signature] DIRECTOR OF ENGINEERING DATE 10-31-68

APPROVED [signature] DIRECTOR OF R/W DATE 6-7-74

PROJECT BARTON - RAISB 43

NO. F 91 - 3(15)

SHEET 11 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
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 NWPT	2247+49 SPLT	3.8 A		WATERLINE CROSSING (P)						
		33	2241+00 NE (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 DATE 10-6-66
CHIEF OF ACQUISITION

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

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

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 &	31-33	2213+73 SB	2244+10 SB	31.8A	68.6A			FEE COND	6-26-68	BARTON	55	110 116	
	WILMA E. FOSS (H&W)	32	2223+00 NBRT				DRAINAGE	(P)						
	ROBERT E. KINSEY &	32	2226+00 NBRT				DRAINAGE	(P)						
	EUNICE KINSEY (H&W)	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	32	2228+44 SB	2231+04 SB	0.4A	340.6A			FEE WD	6-3-68	BARTON	55	110 116	
	HARRY D. OWEN JR.													
	DAVID R. OWEN													
	MILO J. OWEN													
	ROBERT H. OWEN													
	WILLIAM A. OWEN													
	PENELOPE OWEN													
20	AMRI E VEZINA &	33-34	2246+64 SBLT	2257+55 NBLT	12.3A	56.7A			FEE COND	6-26-68	BARTON	55	110 116	
	BEATRICE J. VEZINA (H&W) LESSOR	33	2248+00 SBLT				DRAINAGE	(P)						
	BARTON COUNTRY CLUB LESSEE	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 (8.0A)

TABLE OF REVISIONS

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

MADE BY: F.P. 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
- PL PROPERTY LINE
- TOP OF CUT
- TOE OF SLOPE

APPROVED: Warren E. Kinsley DATE 10-10-66
CHIEF OF ACQUISITION

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

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

PROJECT BARTON - IRASQUEC
NO. I 91-3(13)
SHEET 13 OF 84

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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: [illegible] 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. Tinnaty, CHIEF OF ACQUISITION, DATE 10-12-66

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

APPROVED: H.P. Reed, R.O.W. DIRECTOR, DATE 10-27-66

PROJECT BARTON-IRASBURG

NO. I 91-1(15)

SHEET 14 OF 22

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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 CHIEF OF ACQUISITION DATE 10-10-66

APPROVED Robert M. Low HIGHWAY ENGINEER DATE 10-12-66

APPROVED [illegible] R.O.W. DIRECTOR DATE 10-12-66

PROJECT BARTON IRASBURG

NO. I 91-2(10)

SHEET 15 OF 42

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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						
		39-40											
29A	NELSON L. DOYON ALBERTA C. DOYON (H.&W.)	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 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
	DOYON (CONTINUED)												
C		44	22+80 PROJ CT	30+27 PROJ CT	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 PROJ	22+81 TR 29	1.8 A	19.2 A		FEE W/D	8-13-68	BARTON	55	139	
		43	43+50 PROJ LT	44+30 PROJ LT			SLOPE (900") (T)						
		44	29+39 PROJ 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

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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

MADE 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

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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	45-48	2374+85 SB	2408+04 SB	37.0 A	107.0A		FEE WD	6-26-68	BARTON	55	97	
	J. Malcolm Colton	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 &	48-49	2422+23	2439+87 SB LT									Loss of Access (9.6A)
	Bernadette K. Royer (H&W) Lessee	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)

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STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
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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 US 5 RT				DRAINAGE (P)						
		50	51+50	53+00 US 5 LT			SLOPE (700') (T)						
B		50-53	2448+57 SB	31+00 US 5	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 US 5	1.2 A								
		53	27+90 US 5 LT				DRIVE (T)						
		53	28+90	29+55 US 5 LT			DITCH (P)						
		53	28+60 US 5 RT MED				WATER LINE CROSSING (P)						
		53	29+80 US 5 LT				DRAINAGE (P)						
F		53	29+69 US 5	31+00 US 5	0.45 A								
40A	NELSON H. CURTIS & GERTRUDE M. CURTIS (H&W)	50	2446+54 SB	36+28 US 5	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 US 5	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 US 5 LT	0.6 A	0.4 A		FEE W.D.	5-13-68	IRASBURG	25	489	LOSS OF ACCESS (0.4 A)
		51	4+20 RAMP A	2463+86 US 5 LT									

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

DRAWN BY: GR DATE: 9-28-66

CHECKED BY: EHC DATE: 10-6-66

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

APPROVED: Gordon H. Eno RIGHT-OF-WAY ENGINEER DATE: 10-13-66

APPROVED: N. P. Gadbois R.O.W. DIRECTOR DATE: 10-11-66

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	4.84		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 TRESCOTT			SLOPE (10.0' MIN.) (T)						
46	ARLAND R. & JANICE K. BUNTIER	44	22+84 TRZIA	23+61.45 B	N/A	14.7 A±		FEE WD	9-23-68	BARTON	58	62	
			26+20 TR. SCOTT	29+30			SLOPE (10.0' MIN.) (T)						
		44	23+38 LT.				DRIVE						
			LYNDONVILLE				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: 8-29-68

CHECKED BY: D.C. DATE: 12-6-68

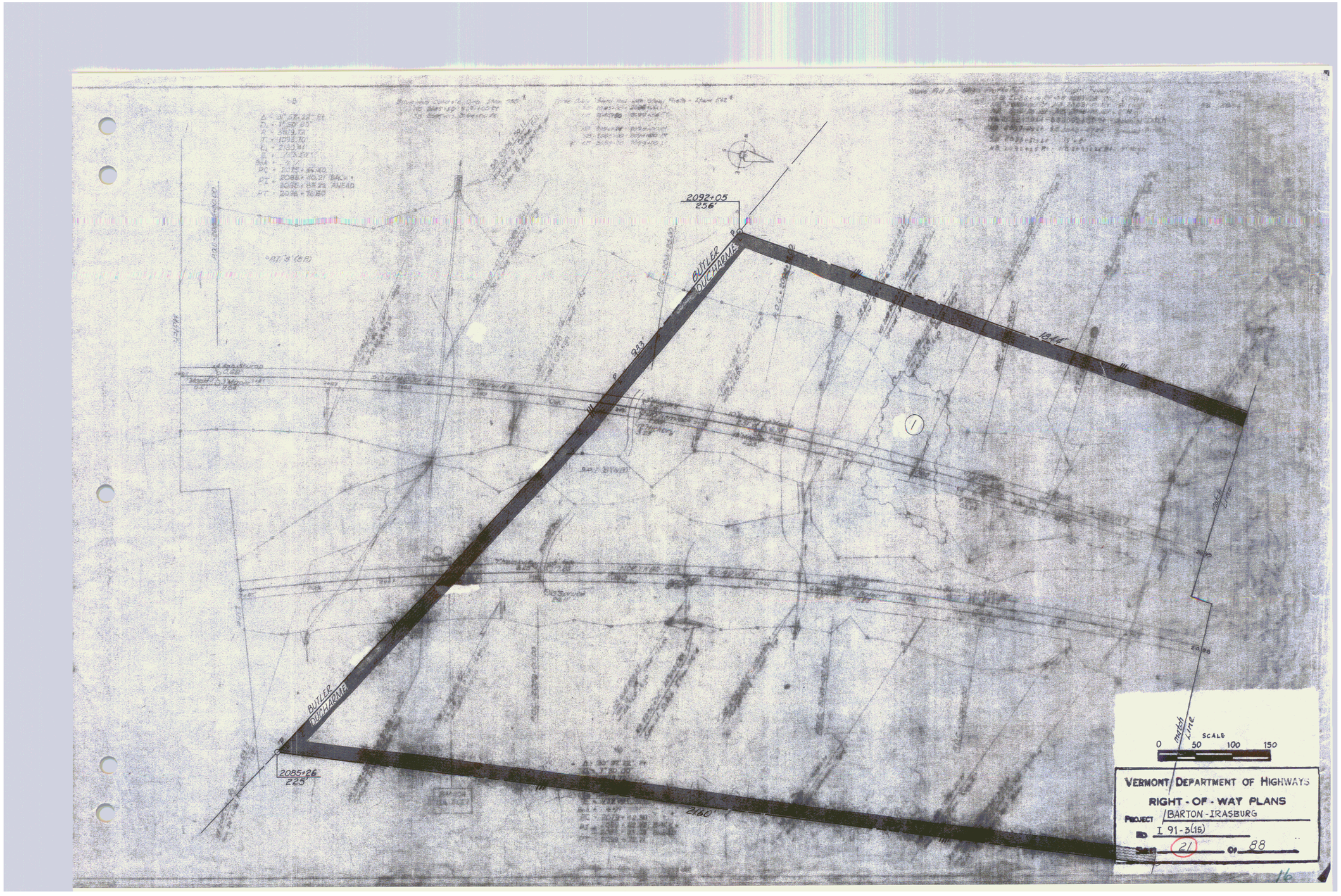
APPROVED: [signature] CHIEF OF ADMINISTRATION DATE: 12-16-68

APPROVED: [signature] DIVISION ENGINEER DATE: 12-19-68

APPROVED: [signature] R.O.W. DIRECTOR DATE: 12-21-68

PROJECT NO. I 91-3(19)

SHEET 20 OF 15


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

END PROJECT I-91-3(10)

BEGIN PROJECT I-91-3(11)

End Curve #2
Sta 2104+92.05

2118+00.00 STATE

EQUALITY

(1844')

2123+14
155'

DUCHARME
SIMONS

441'

2127+62
200'

44

1

(2160')

2118+00.00 STATE

EQUALITY

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
Stab. (Bottom) Item 612.4
@ Sta. 2118+00 - 2120+00 Rt

Sub-base of Select Item 304.2
N.B. 2118+00 - 2119+75

* Three Cable Guard Rail
w/ Steel Posts, Remove
S.B. 2118+00 - 2122+00 Lt
N.B. 2118+00 - 2122+00 Lt

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

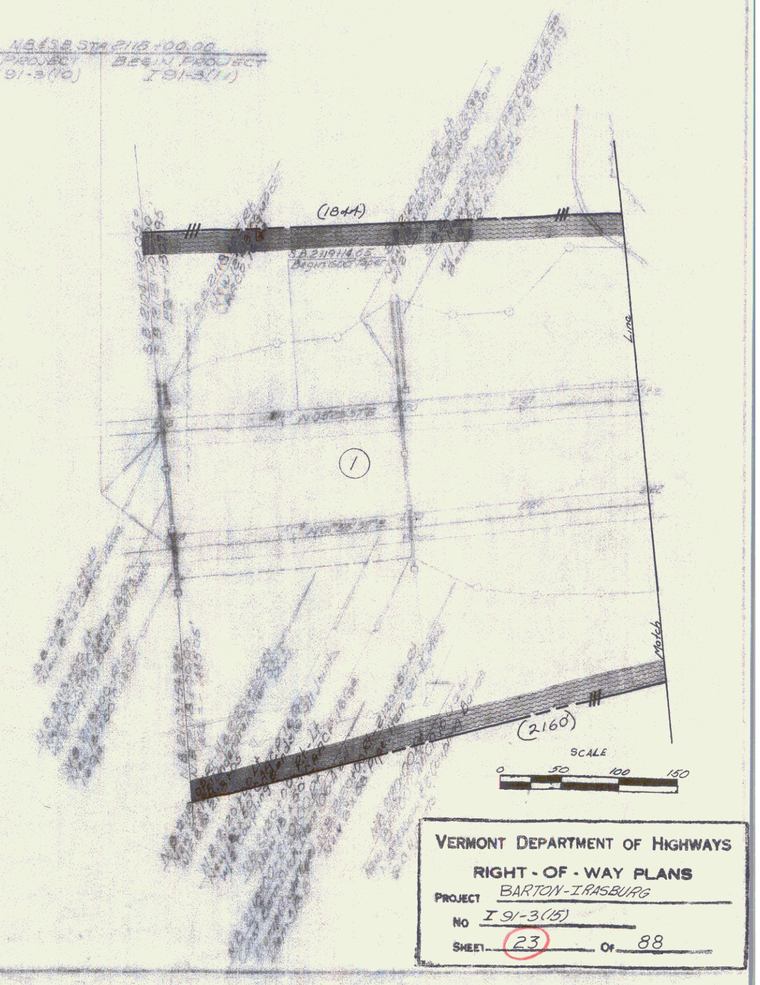
Property Line Fence
w/ Steel Posts, Item 613.2 (Misc.)
N.B. 2118+00 - 2118+50 Rt
S.B. 2118+00 - 2118+50 Lt

* STAGE 2 CONSTRUCTION

N

N&SB STA 2118+00.00
END PROJECT
I 91-3(10)

BEG N 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

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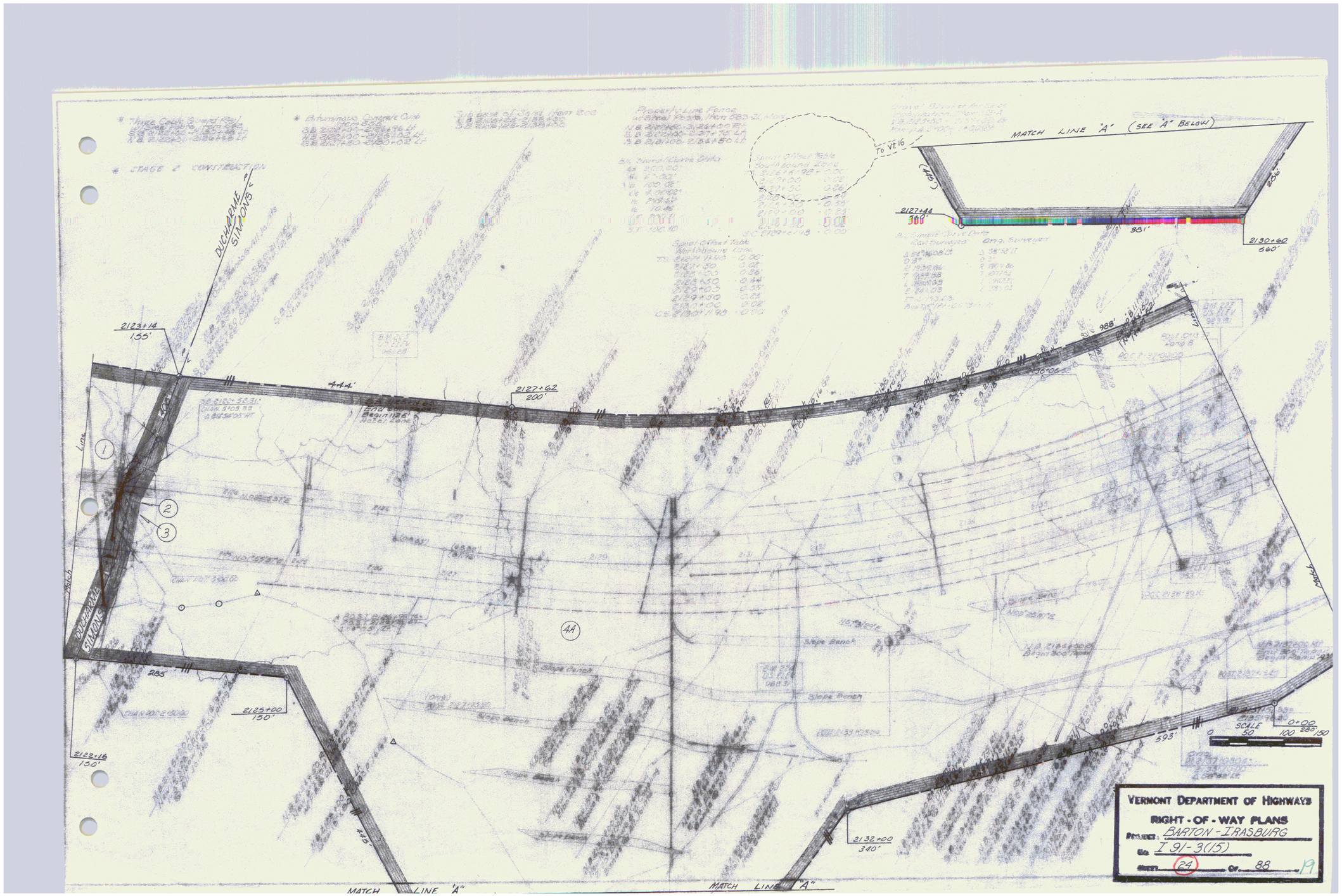
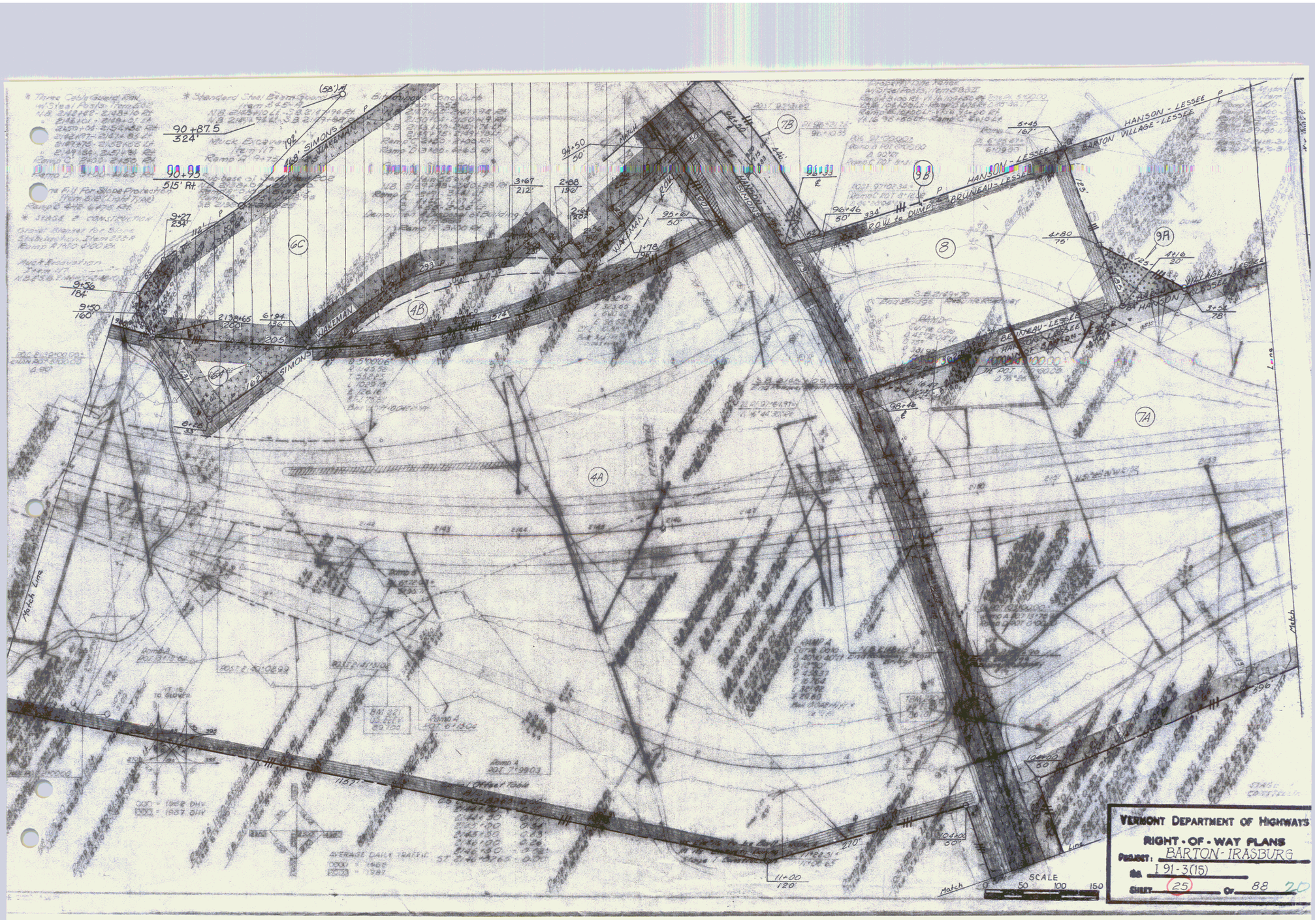
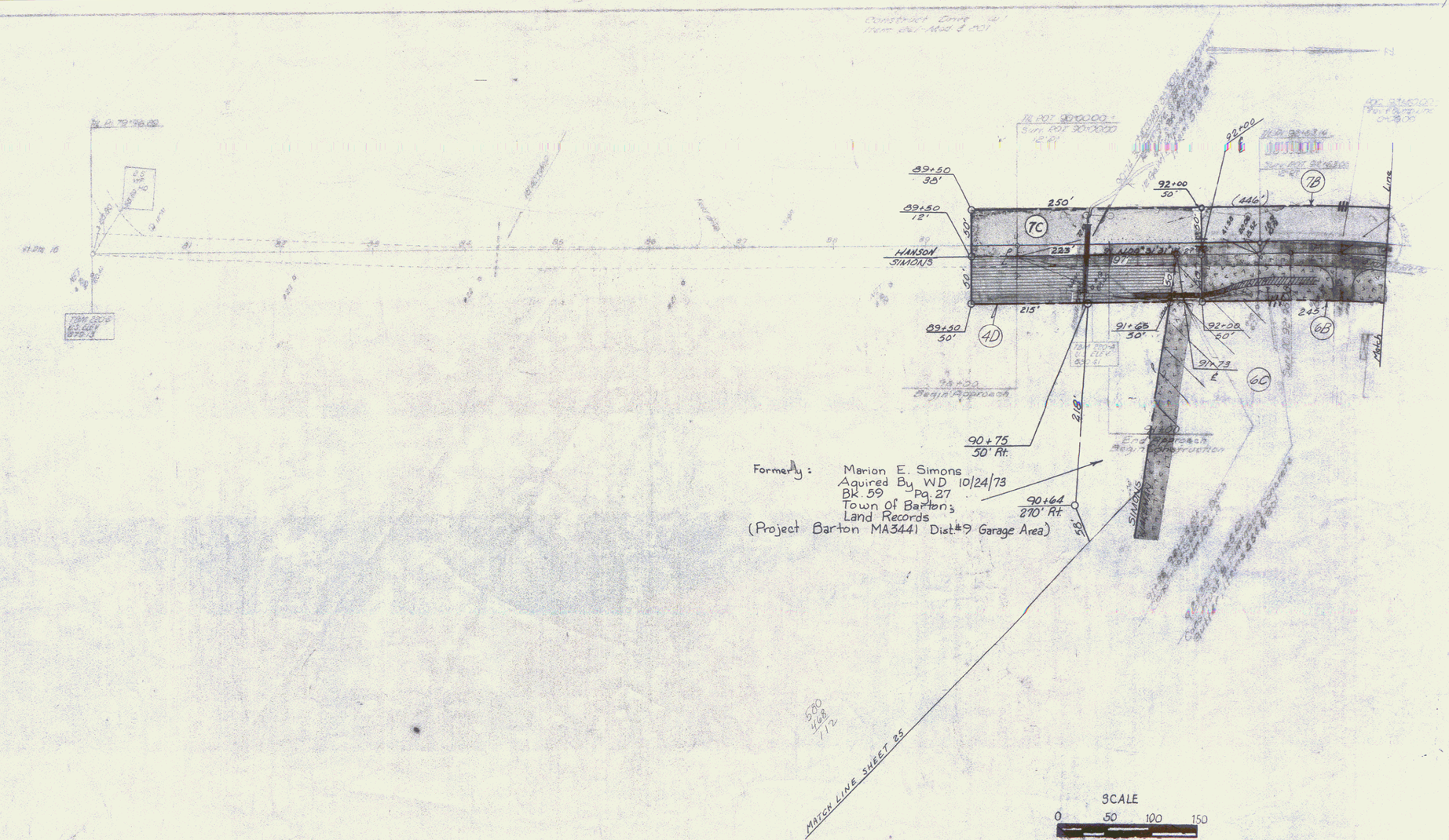
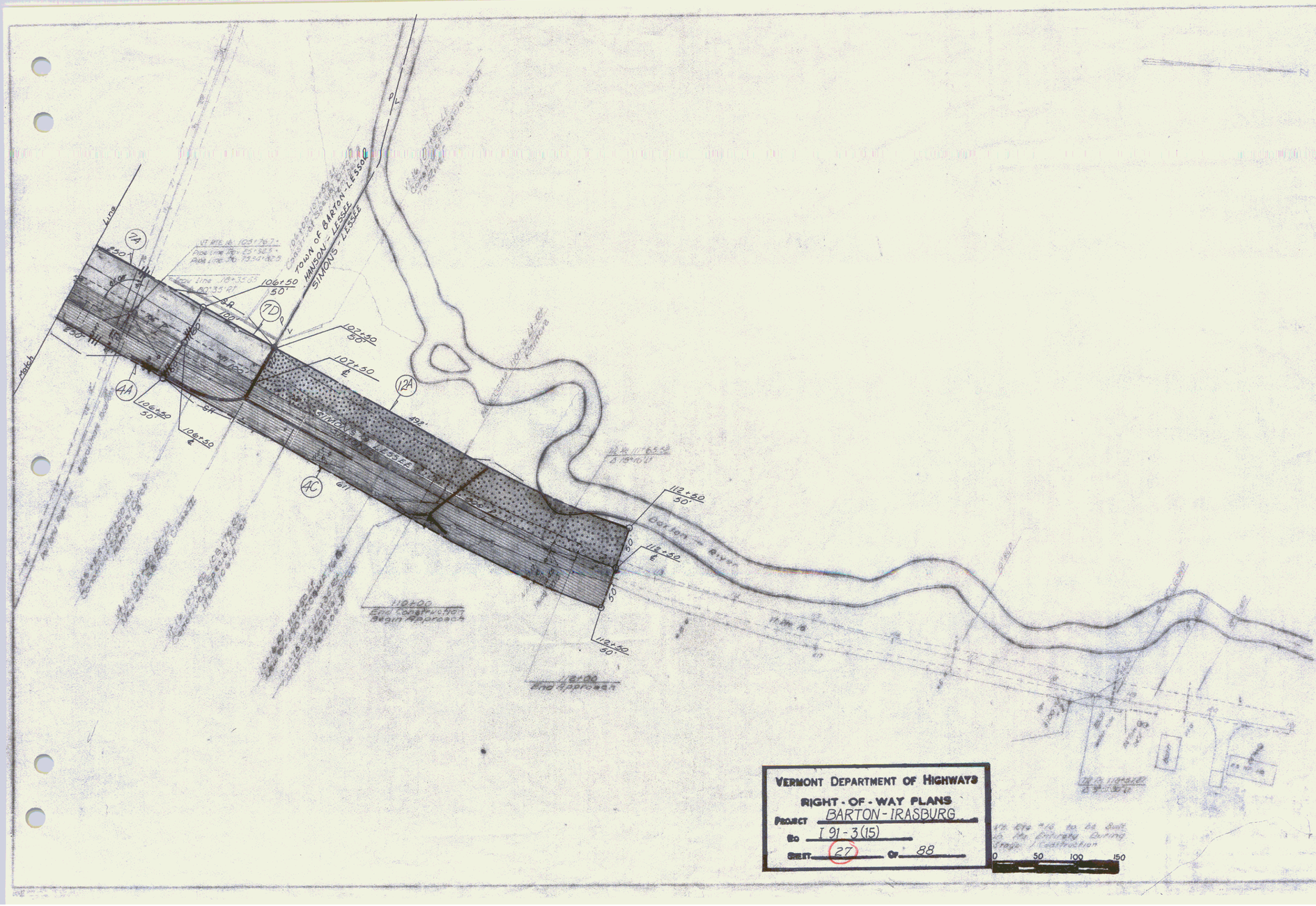
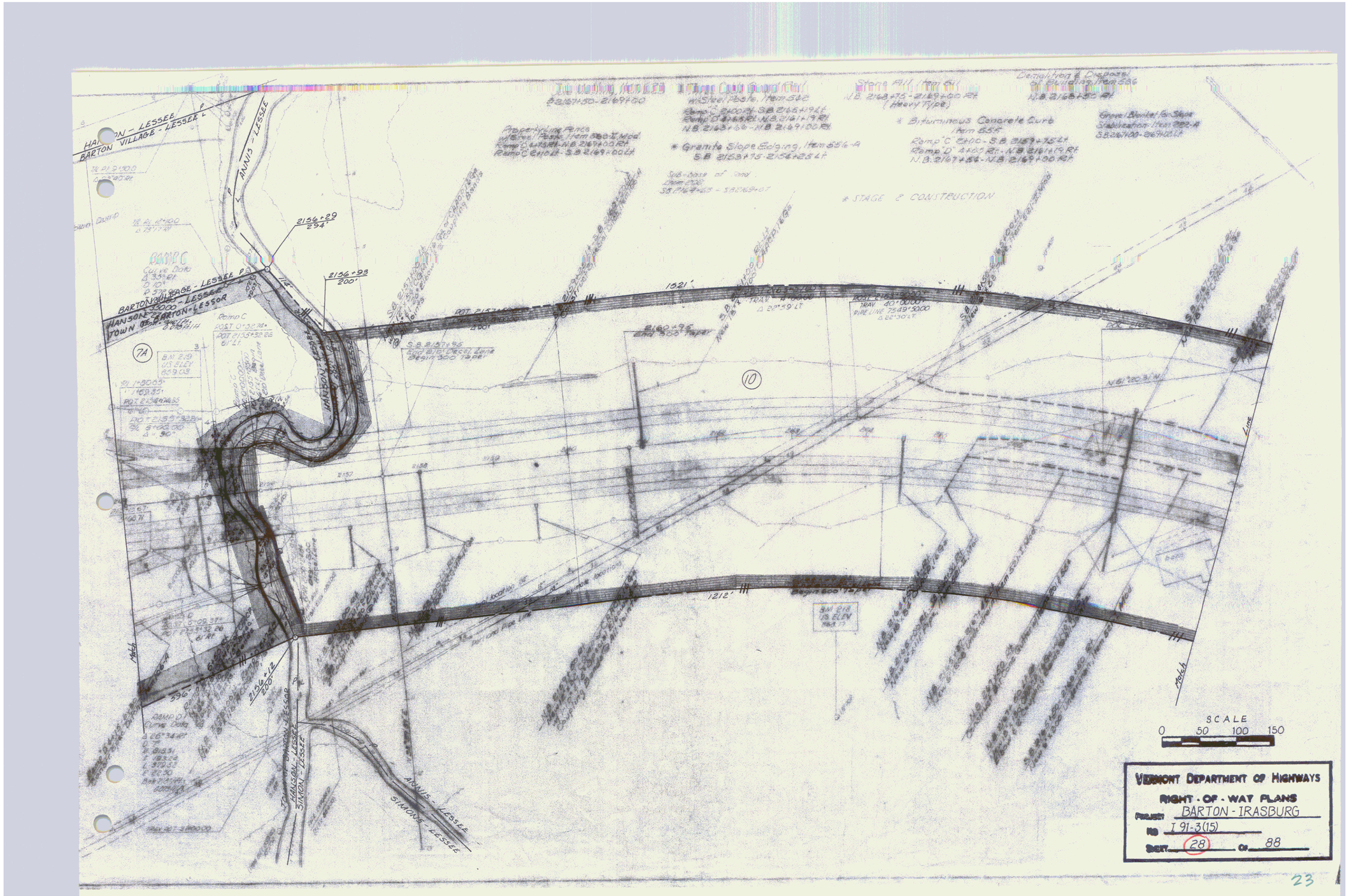
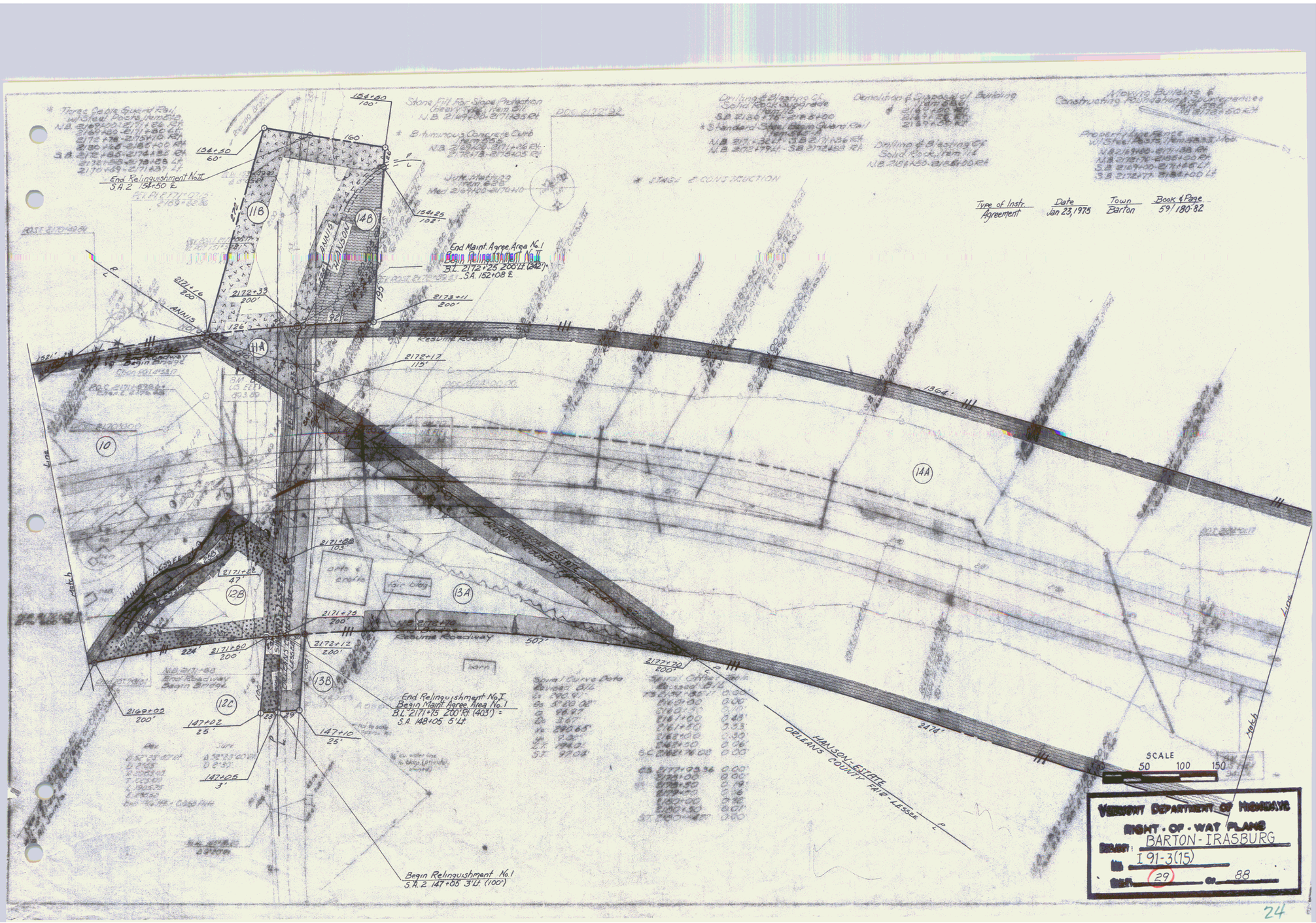

MATCH LINE "A" (SEE "A" BELOW)
2127+44
500'
2130+60
560'
981'
DUCHARME
SIMONS
2123+14
155'
2127+62
200'
2125+00
150'
2122+16
150'
2132+00
340'
285'
988'
593'
SCALE
50 0 100 200 300
MATCH LINE "A"
MATCH LINE "A"
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON - IRASBURG
No. I 91-3(15)
SHEET 24 OF 88

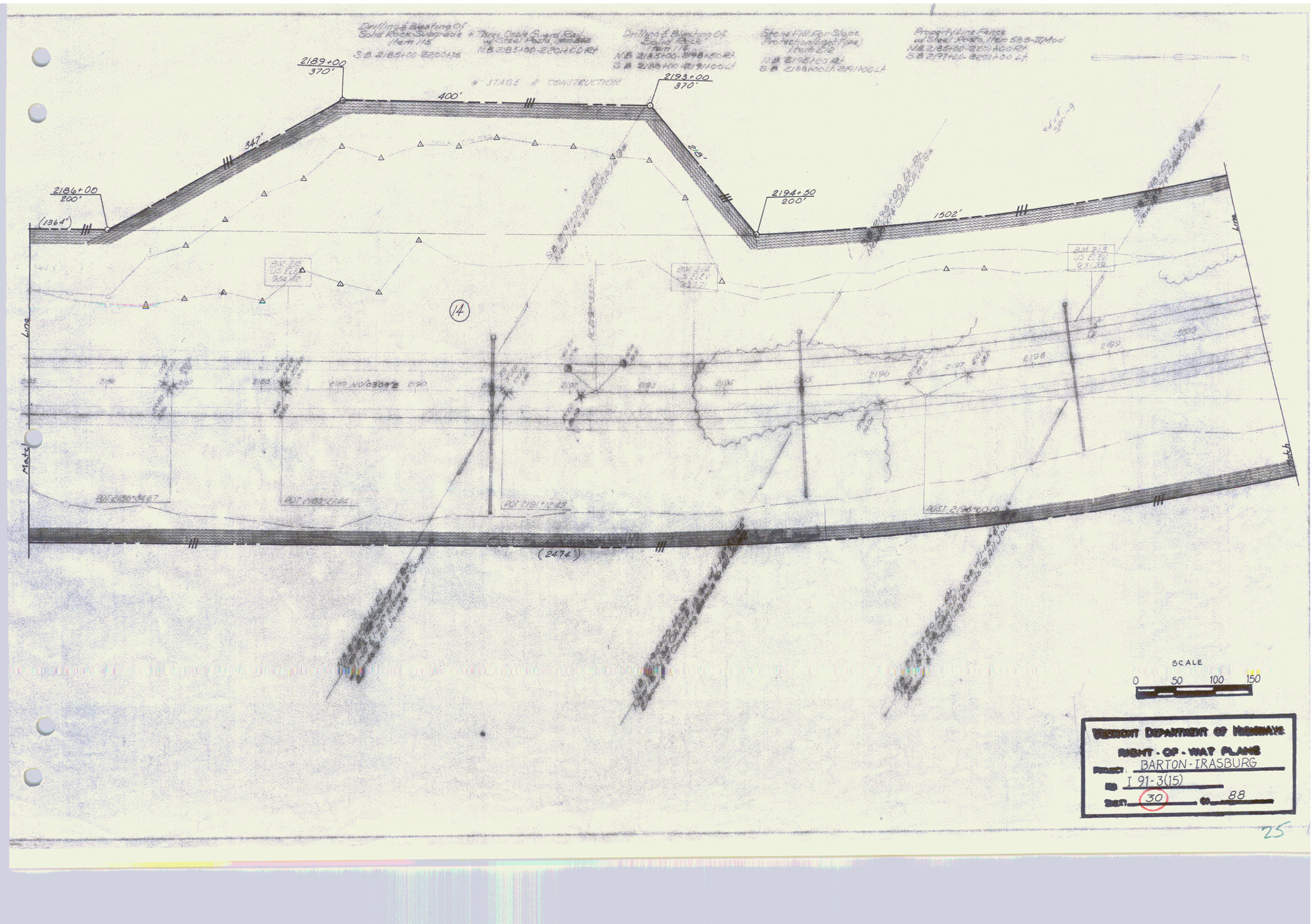

VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
NO. I 91-3(15)
SHEET 25 OF 88
SCALE
0 50 100 150
HANSON - LESSEE
BRUNEAU - LESSEE
VILLAGE - LESSEE
SIMONS
WAKEMAN
Match Line
Match
90+87.5
324'
98+93
515' Rt.
96+46
334'
ROW to DUMP
4B
4A
6C
7B
8
9B
9A
7A

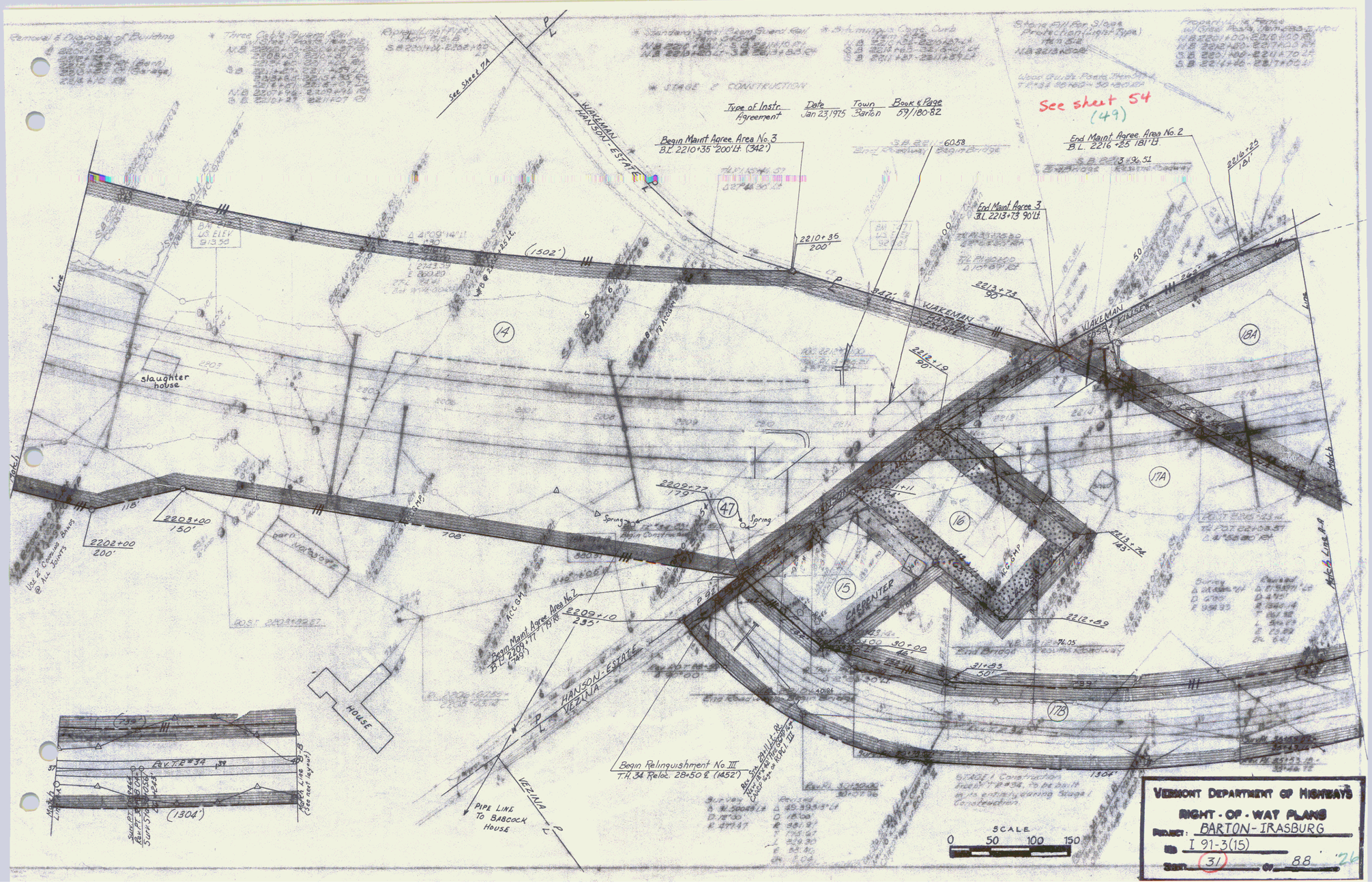

HANSON
SIMONS
7C
7B
6B
6C
4D
89+50
38'
89+50
12'
89+50
50'
92+00
50'
92+00
(446')
91+65
50'
92+00
50'
91+73
℄
90+75
50' Rt.
90+64
270' Rt.
250'
223'
215'
243'
218'
Begin Approach
End Approach
Begin Construction
SIMONS
EDWARDS
Formerly: Marion E. Simons
Aquired By WD 10/24/73
Bk. 59 Pg. 27
Town of Barton;
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

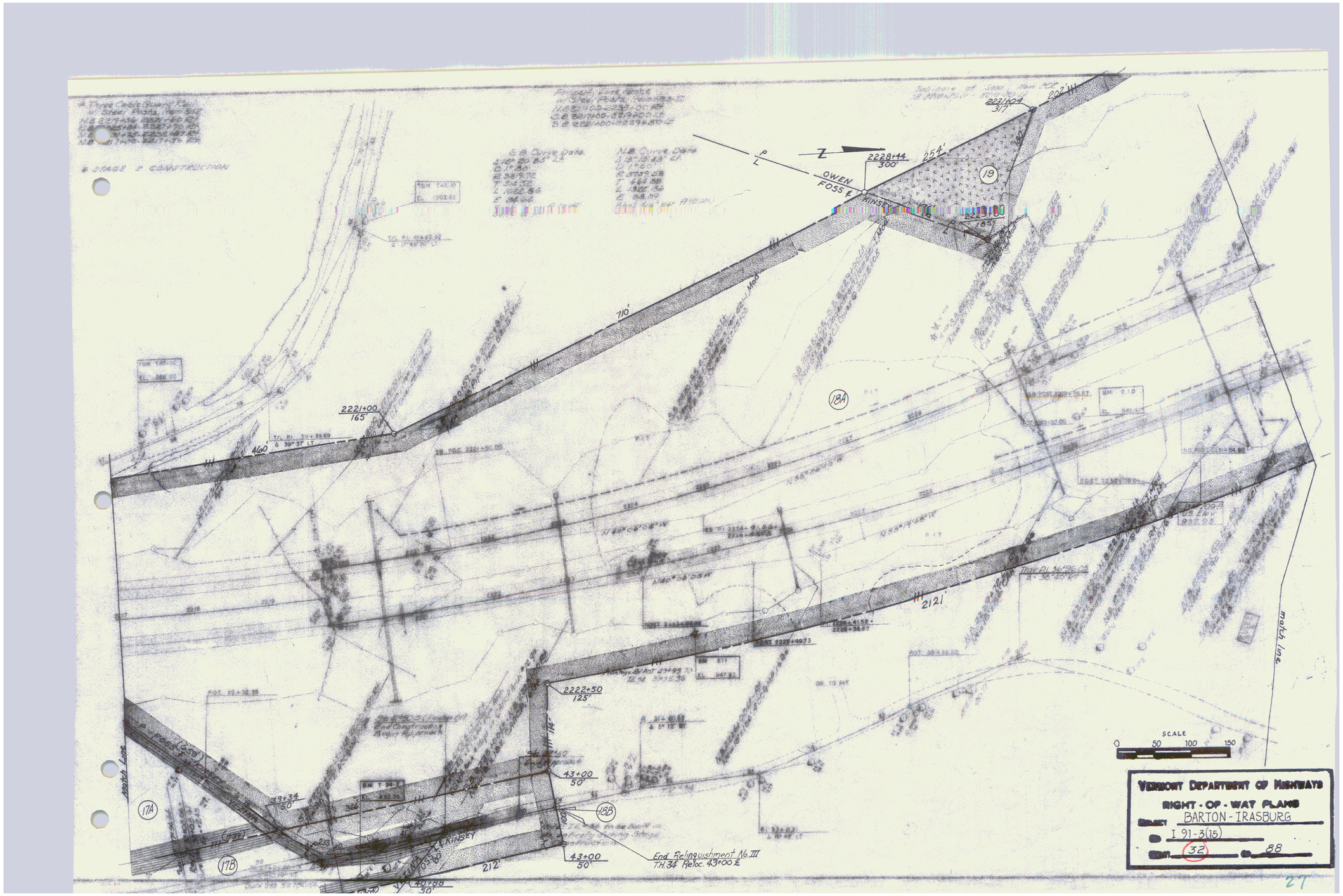

TOWN OF BARTON - LESSEE
MANSON - LESSEE
SIMONS - LESSEE
7A
7D
4A
12A
4C
106+50
50'
107+50
℄
112+50
50'
112+50
℄
118+00
End Construction
Begin Approach
118+00
End Approach
492'
Barton River
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT - OF - WAY PLANS
PROJECT BARTON - IRASBURG
NO I 91 - 3(15)
SHEET 27 OF 88
0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


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
End Relinquishment No.II
S.A. 2 151+50 ℓ
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
Type of Instr. Agreement
Date Jan 23, 1975
Town Barton
Book & Page 59/180-82
End Maint. Agree. Area No. 1
End Relinquishment No.II
B.L. 2172+25 200'Lt. (242')
S.A. 152+08 ℓ
ANNIS
HANSON
Resume Roadway
Begin Bridge
End Bridge
Begin Relinquishment No.I
End Relinquishment No.I
Begin Maint. Agree. Area No. 1
B.L. 2171+75 200'Rt. (403')
S.A. 148+05 3'Lt.
Begin Relinquishment No.1
S.A. 2 147+05 3'Lt. (100')
HANSON-ESTATE
ORLEANS COUNTY FAIR-LESSEE
Vertical Curve Data
Horizontal 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+00-2203+35
* Three Cable Guard Rail w/ Steel Posts, Item 618 N.B. 2185+00-2201+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 613 N.B. 2192+00 Rt S.B. 2188+00 Lt, 2191+00 Lt
Property Line Fence w/ Steel Posts, Item 618.3 Mod 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'
(1364')
1302'
(2474')
BM 213 US ELEV 951.39
BM 214 US ELEV 953.71
BM 215 US ELEV 954.46
14
Match Line
Match Line
POT 2189+84.67
POT 2193+21.46
POT 2191+12.43
POT 2196+60.19
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 54
(49)
See Sheet 72
WAKEMAN HANSON ESTATE
Begin Maint Agree. Area No. 3
B.L. 2210+35 200' Lt. (342')
Type of Instr. Agreement
Date Jan 23, 1975
Town Barton
Book & Page 59/180-82
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'
2212+19
90'
2216+25
181'
WAKEMAN HANSON ESTATE
WAKEMAN HANSON ESTATE
slaughter house
(1502')
(1304')
(14)
(18A)
(17A)
(16)
(15)
(17B)
(47)
2202+00
200'
2203+00
150'
2209+77
179'
2209+10
235'
2212+89
2213+74
143'
Begin Maint Agree. Area No. 2
B.L. 2208+11 (149')
HANSON-ESTATE
VEZINA
HOUSE
PIPE LINE TO BABCOCK HOUSE
Begin Relinquishment No. III
T.H. 34 Reloc. 28+50 ℓ (1452')
CARPENTER
End Bridge
Begin Construction
Spring
Spring
Mark Line
Mark Line
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'
222'
2221+80
165'
18A
19
17A
17B
18B
match line
SCALE
0 50 100 150
End Relinquishment No. III
T.H. 34 Reloc. 43+00 ℄
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON - IRASBURG
I 91-3(15)
SHEET 32 OF 88

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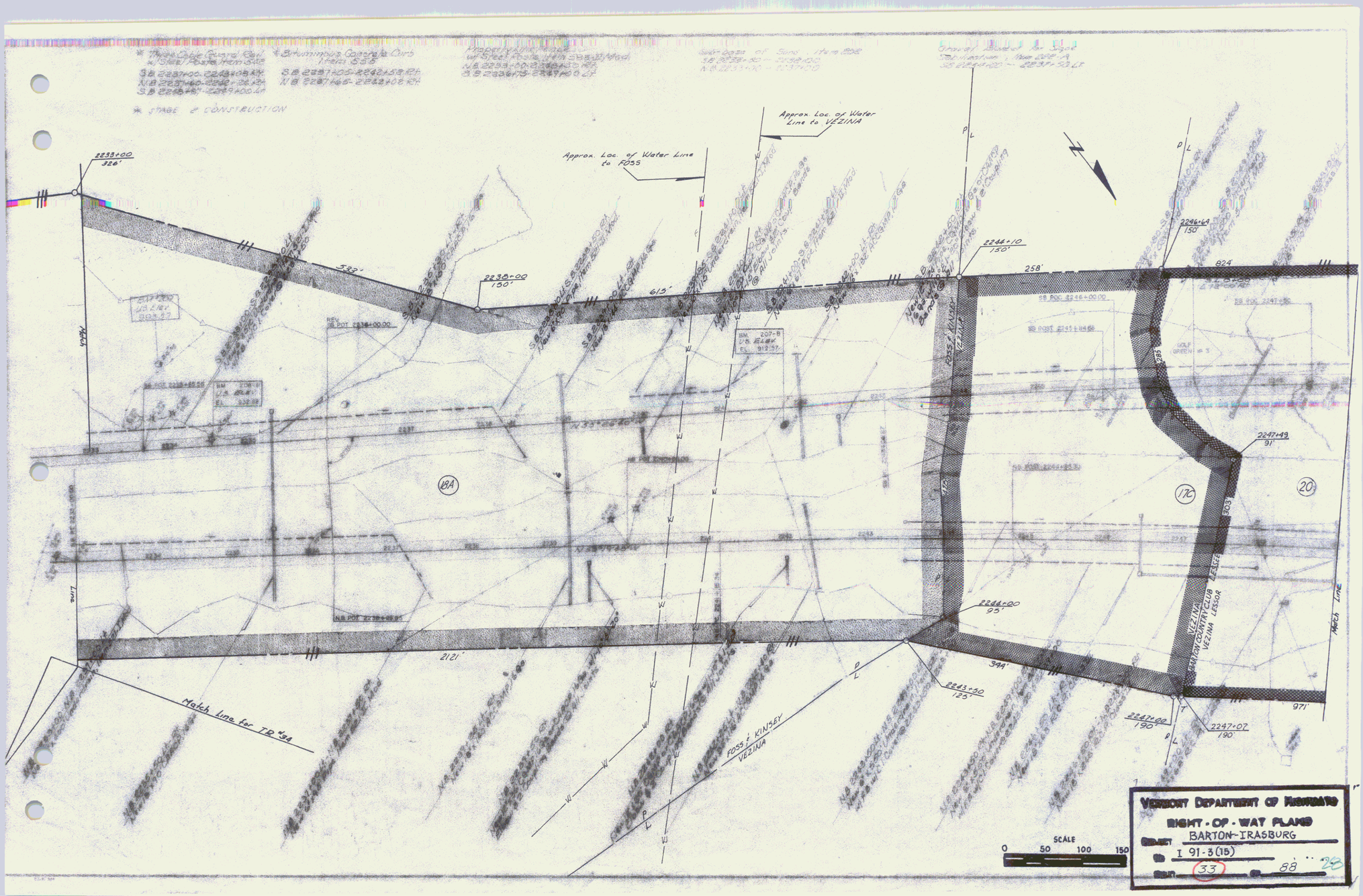
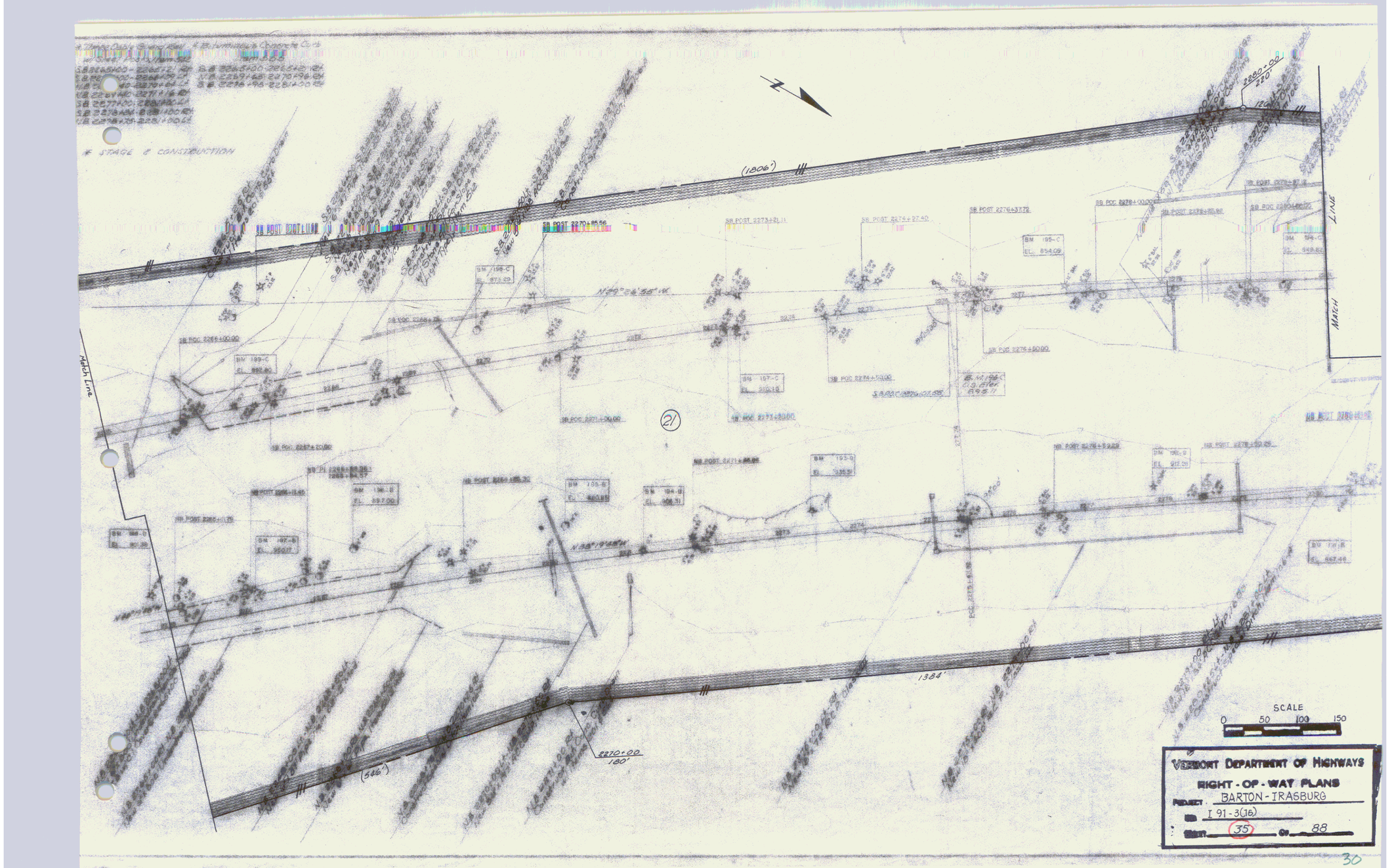
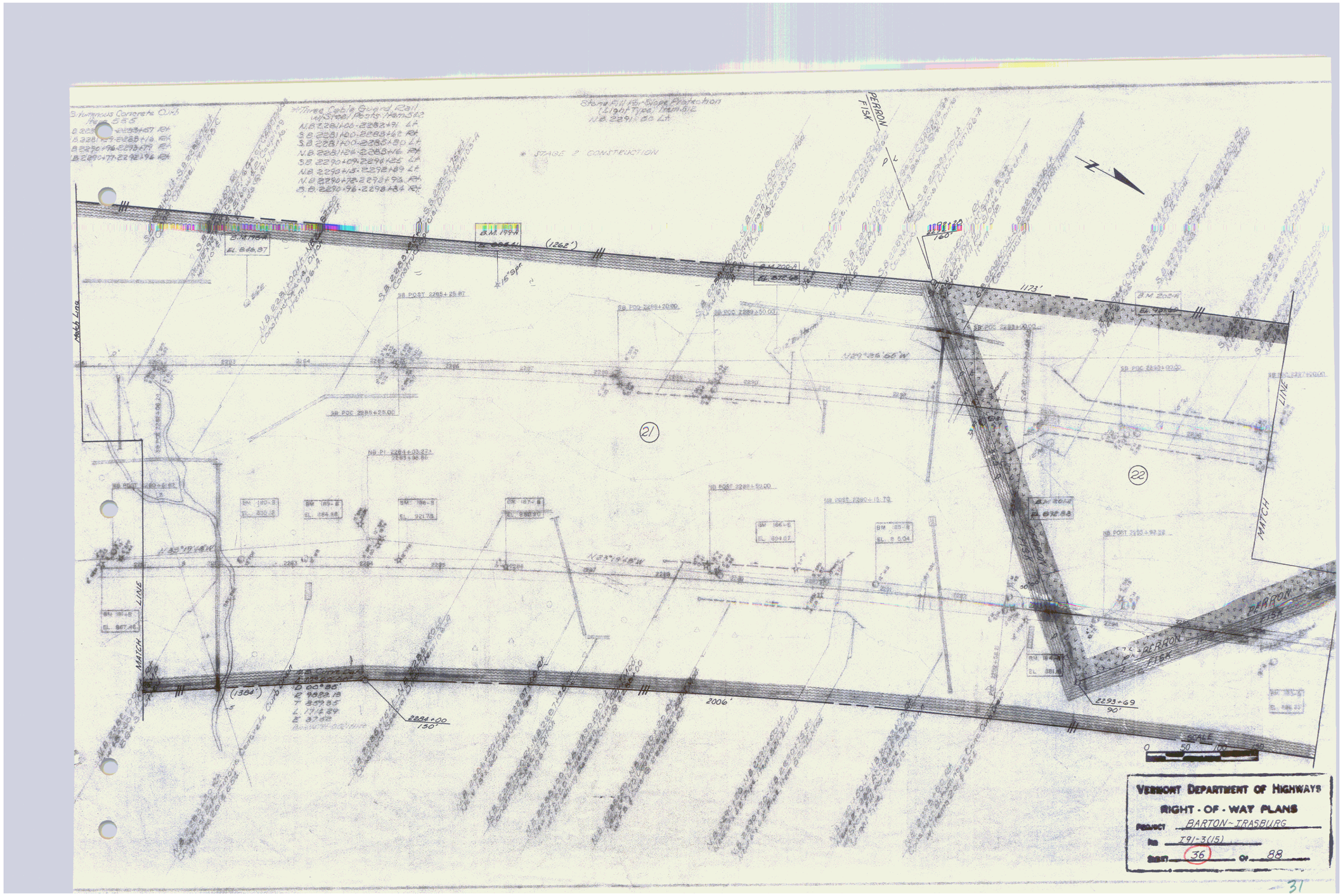
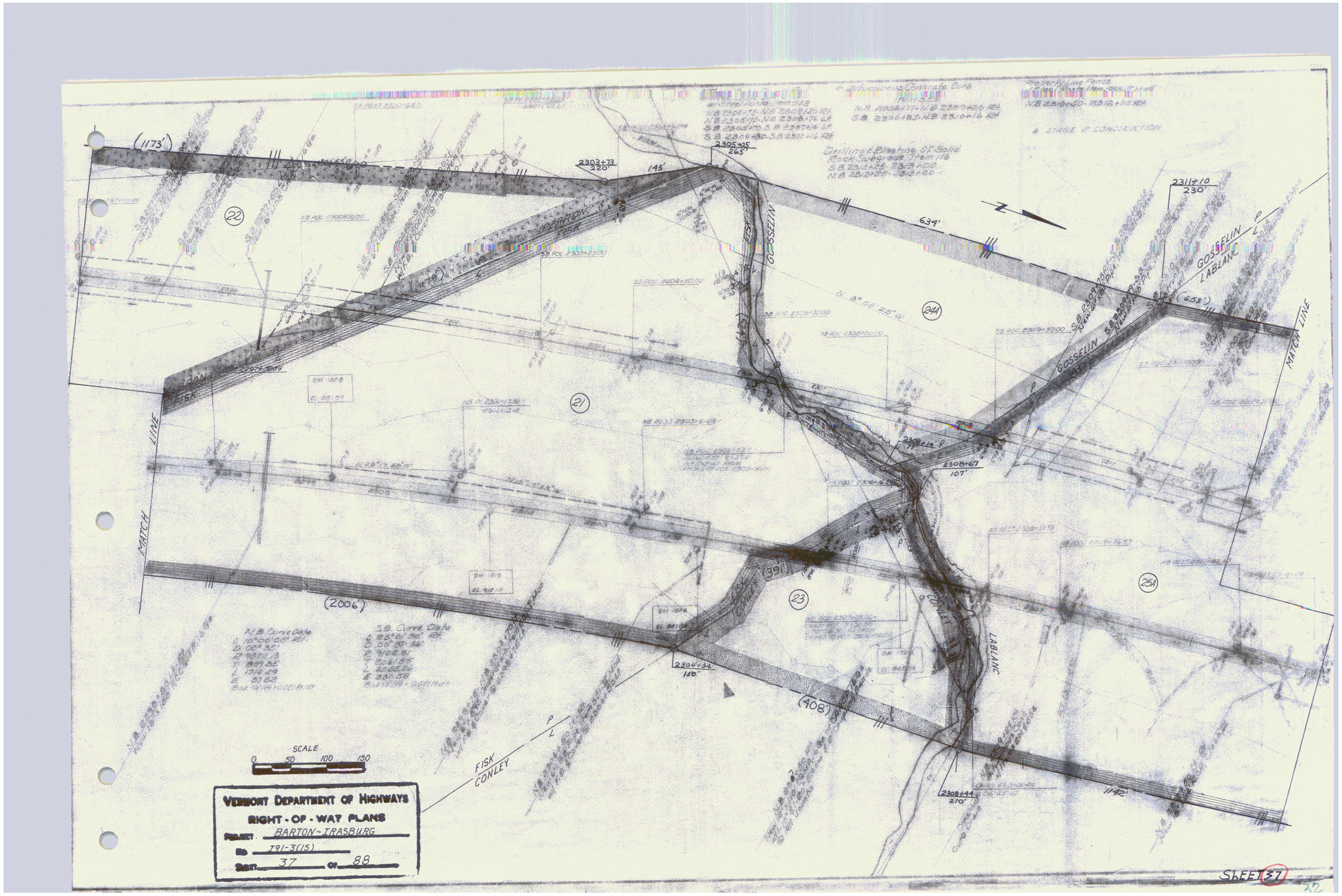
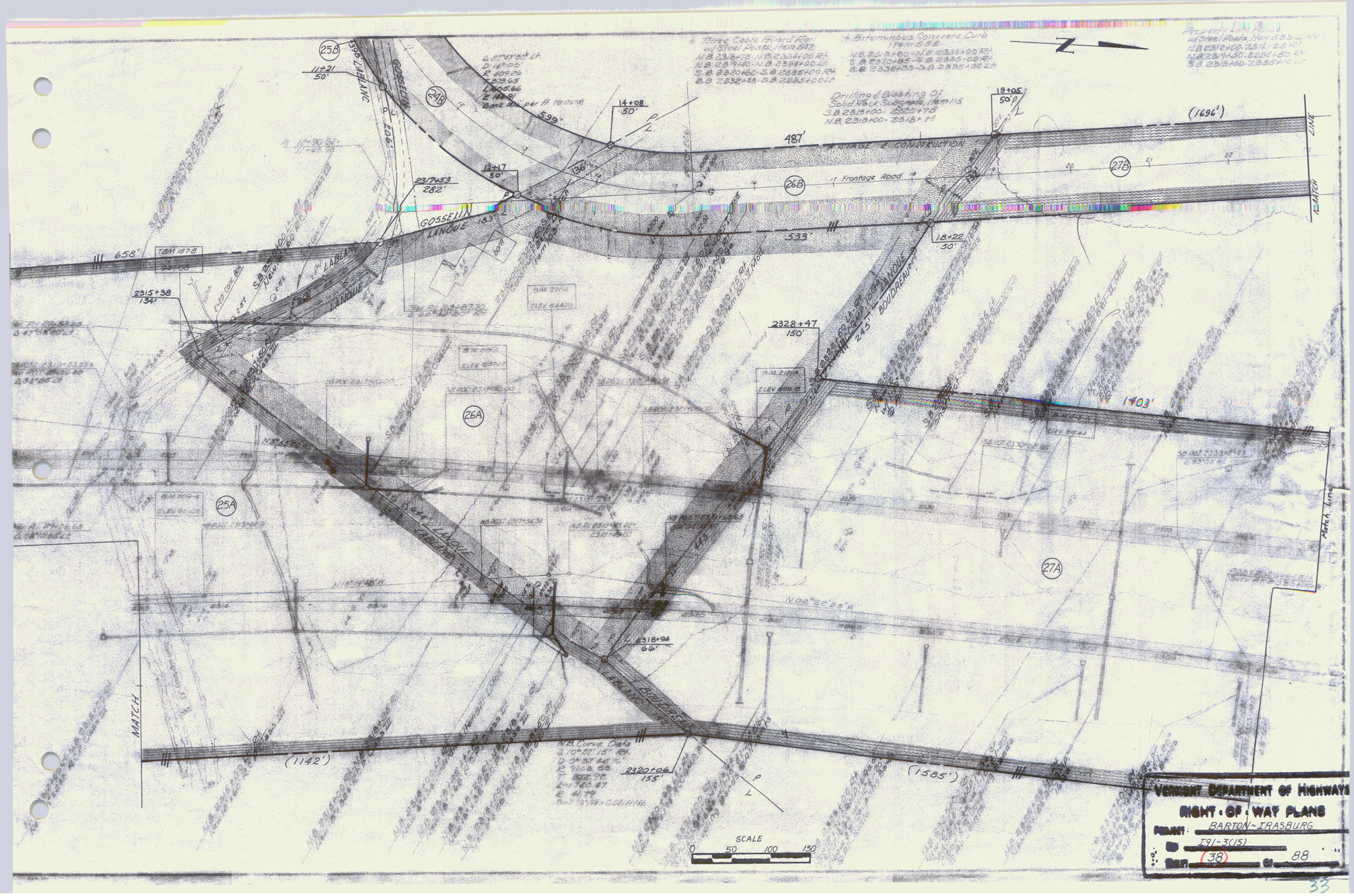

Approx. Loc. of Water Line to VEZINA
Approx. Loc. of Water Line to FOSS
2233+00
326'
533'
2238+00
150'
615'
2244+10
150'
258'
2246+69
150'
824'
SB POC 2246+00.00
SB POST 2241+84.66
SB POC 2241+50
GOLF GREEN # 3
2247+49
91'
303'
VEZINA
BARTON COUNTRY CLUB
VEZINA LESSOR
VEZINA
BARTON COUNTRY CLUB
VEZINA LESSEE
2244+20
93'
399'
2243+50
125'
2242+00
190'
2247+07
190'
971'
2121'
Match Line for TR #94
FOSS & KINSEY
VEZINA
Match Line
18A
17C
20
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
I 91-3(15)
SHEET 33 OF 88 SHEETS

SB POD 2262+00
New 60' x 592' CG R P
Δ = 84° 30' Rt from 170 TAN
NB 2262+00 PT
NEW 12+60 IGHT P 1693 of CRACP 1693
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'
30'
115'
N 86°26'45" W
ACCESS P.L. & GR.
SCALE
50 100 150
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
NO I 91-3(15)
SHEET 34 OF 88
2764+45
260'
29


STAGE II CONSTRUCTION
(1806')
N 39° 26' 55" W
(586')
1384'
2270+00
180'
2250+00
220'
MATCH LINE
Match Line
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 w/Steel Posts, Item 613
Stone Fill for Slope Protection (Light Type) Item 612
* STAGE 2 CONSTRUCTION
PERRON FISK
MATCH LINE
(1262')
1173'
2006'
(1384')
N 29°26'55" W
N 32°19'48" W
N 67°19'48" E
21
22
2293+69
90'
2234+00
150'
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'
Drilling & Blasting Of Solid Rock Subgrade, Item 116
639'
2311+10
230'
GOSSELIN
LABLANC
(658')
MATCH LINE
FISK
(1179')
(1135')
N. 8° 56' 25" W.
244
21
BM 182-B
EL. 88.89
2308+67
107'
(2006')
(391')
23
254
2304+34
150'
(408')
1142'
2308+44
270'
CONLEY
LABLANC
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON~IRASBURG
ID 191-3(15)
SHEET 37 OF 88
SHEET 37


25B
24B
26B
27B
25A
26A
27A
GOSSELIN
LANOUE
LABLANC
BOURDREAU
Frontage Road
MATCH LINE
Match Line
Three Cable Guard Rail w/Steel Posts, Item 542
Bituminous Concrete Curb Item 585
Drilling & Blasting Of Solid Rock Subgrade, Item 115
Property Line Fence w/Steel Posts, Item 613
Δ 67°47'30" Lt.
D 14°00'
R 409.06
T 278.65
L 485.66
E 144.91
Bank Run per Ft. (10.0678)
5.99'
487'
(1696')
333'
658'
206'
(1142')
(1585')
1403'
245'
TBM 187.8
TBM 2144
TBM 2121.61
ELEV 609.18
14+08
50'
19+05
50'
12+17
50'
18+22
50'
23+53
282'
2315+38
134'
2328+47
150'
2318+94
66'
2320+06
155'
V.B. Curve Data
Δ 19°27'15" Rt.
D 9°32'44"
R 180.00
T 30.72
L 61.19
L 140.47
E 4.19
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
NO I91-3(15)
SHEET 38 OF 88

Three Cable Guard Rail
Steel Posts - Nested

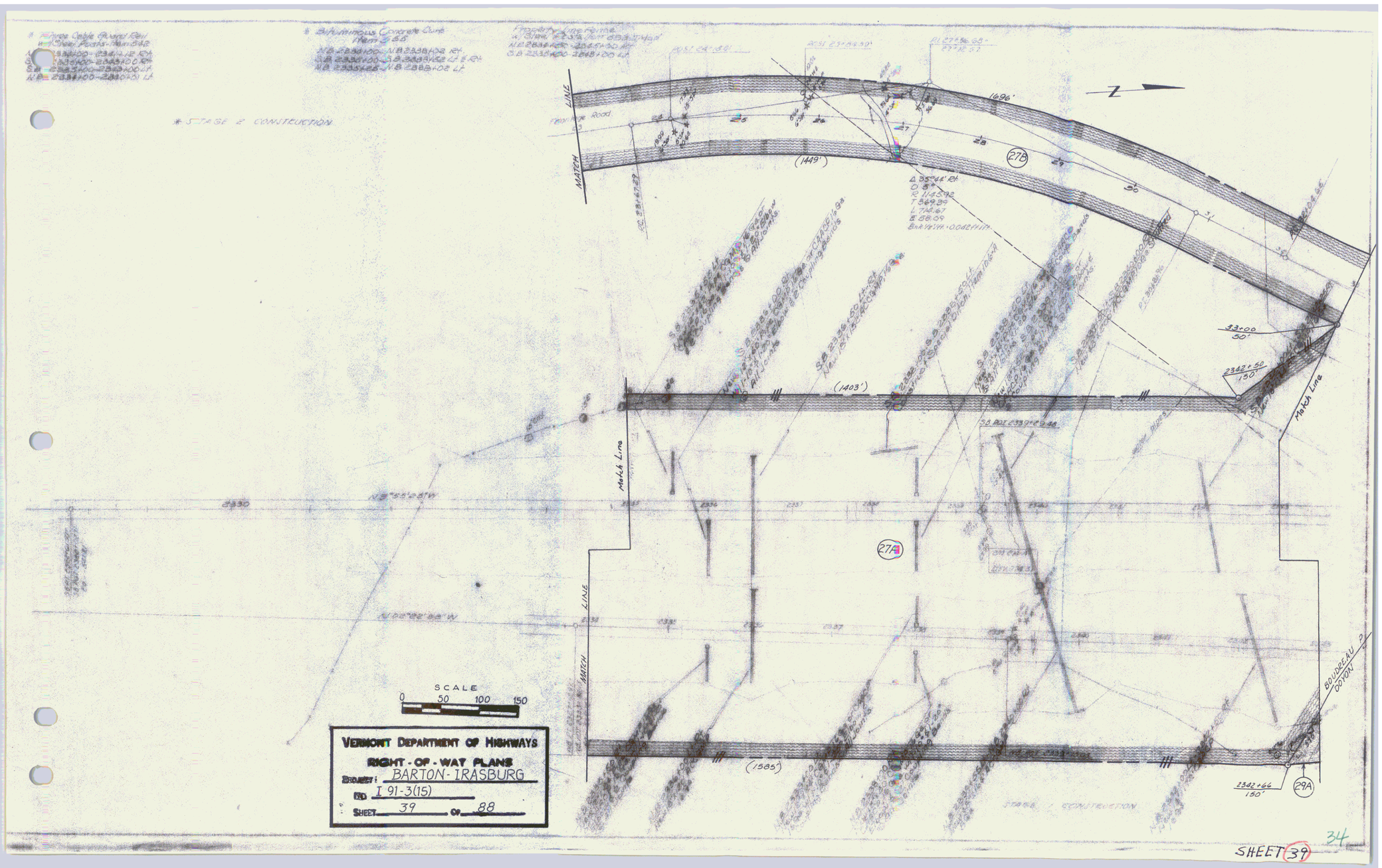
SB 2334+00 - 2342+00 Rt.
SB 2343+00 - 2349+00 Rt.
SB 2343+00 - 2349+00 Lt.
NB 2334+00 - 2340+50 Lt.

Bituminous Concrete Curb
Type 3.66

NB 2334+00 - NB 2338+02 Rt.
SB 2338+20 - SB 2343+52 Lt. & Rt.
NB 2335+25 - NB 2338+02 Lt.

Property Line Points
4 3/4" Rebar, 2.5' Iron Pipe, Stone
NB 2334+50 - 2345+30 Rt.
SB 2334+00 - 2348+00 Lt.

* STAGE 2 CONSTRUCTION



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

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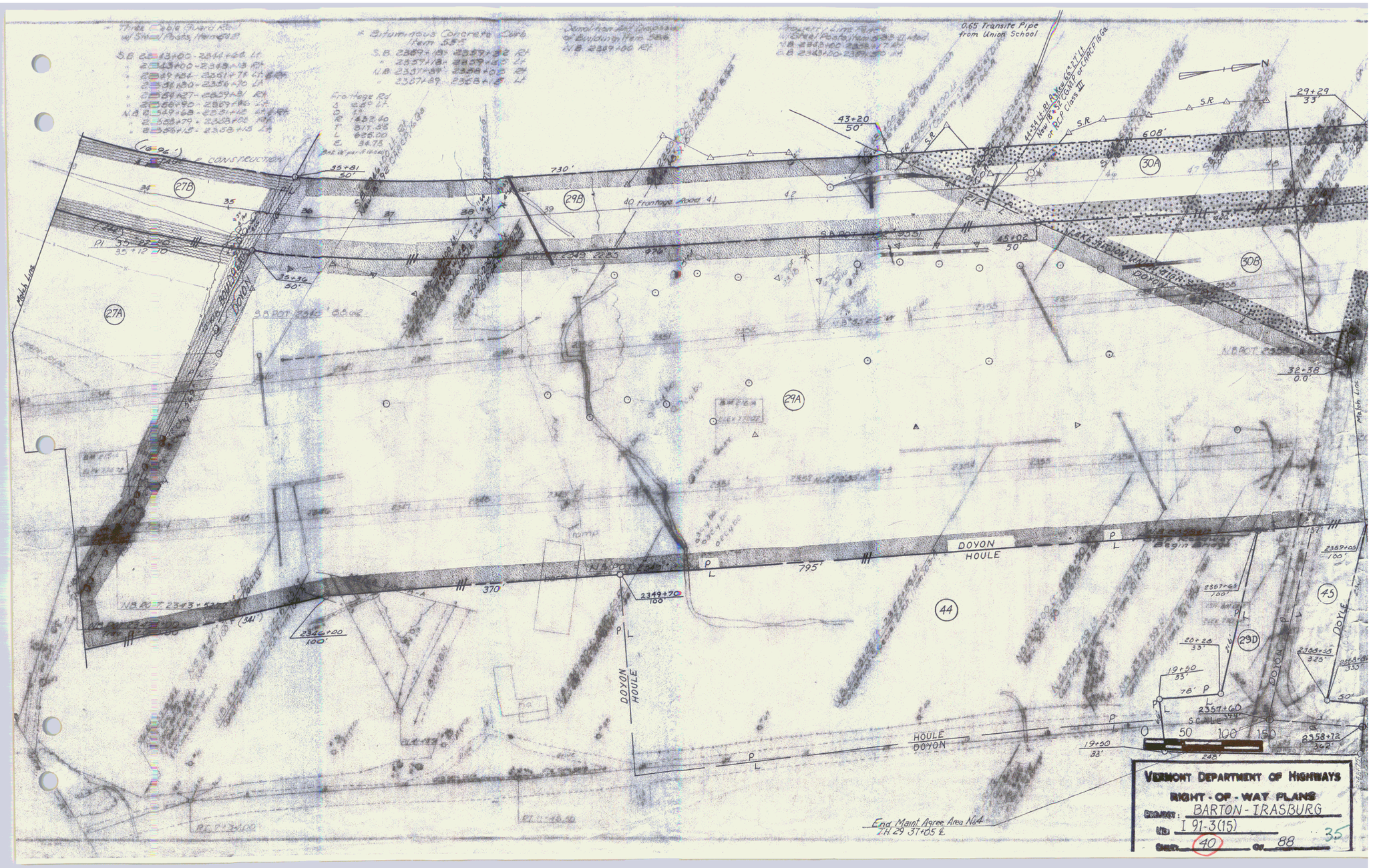
Three Cable Guard Rail w/ Steel Posts, Item 613.8
S.B. 2344+64 Lt. - 2343+00 Rt.
2349+84 - 2348+78 Lt.
2356+30 - 2355+20 Lt.
2358+27 - 2357+18 Rt.
2367+90 - 2366+86 Lt.
M.B. 2349+68 - 2348+42 Rt.
2358+79 - 2357+68 Rt.
2356+18 - 2355+15 Lt.
Bituminous Concrete Curb Item 609
S.B. 2357+32 Rt.
2359+43 Lt.
M.B. 2358+02 Rt.
2357+89 Lt.
Removal from Any Disposal of Building Item 206
N.B. 2389+00 Rt.
Frontage Rd
Δ 26° Lt.
D 11°
R 432.40
T 101.55
L 825.00
E 24.75
Point of Curvature
Project Limit Fence w/ Steel Posts, Item 613.11 Mod.
N.B. 2343+00 - 2345+70 Lt.
S.B. 2343+00 - 2345+70 Rt.
0.65 Transite Pipe from Union School
New 6'-2" CGMP or CMP or RCP Class III
New 6'-2" CGMP or CMP or RCP 16 Ga.
(Ø 96")
CONSTRUCTION
730'
795'
370'
608'
40 Frontage Road 41
43+20
50
45+02
50
35+81
50'
35+36
50'
29+29
33
32+38
0.0
27A
27B
29A
29B
30A
30B
44
45
29D
DOYON
HOULE
Match Line
Begin
End Maint Agree Area N&A
T.H. 29 37+05 ℄
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT: BARTON-IRASBURG
I 91-3(15)
SHEET 40 OF 88
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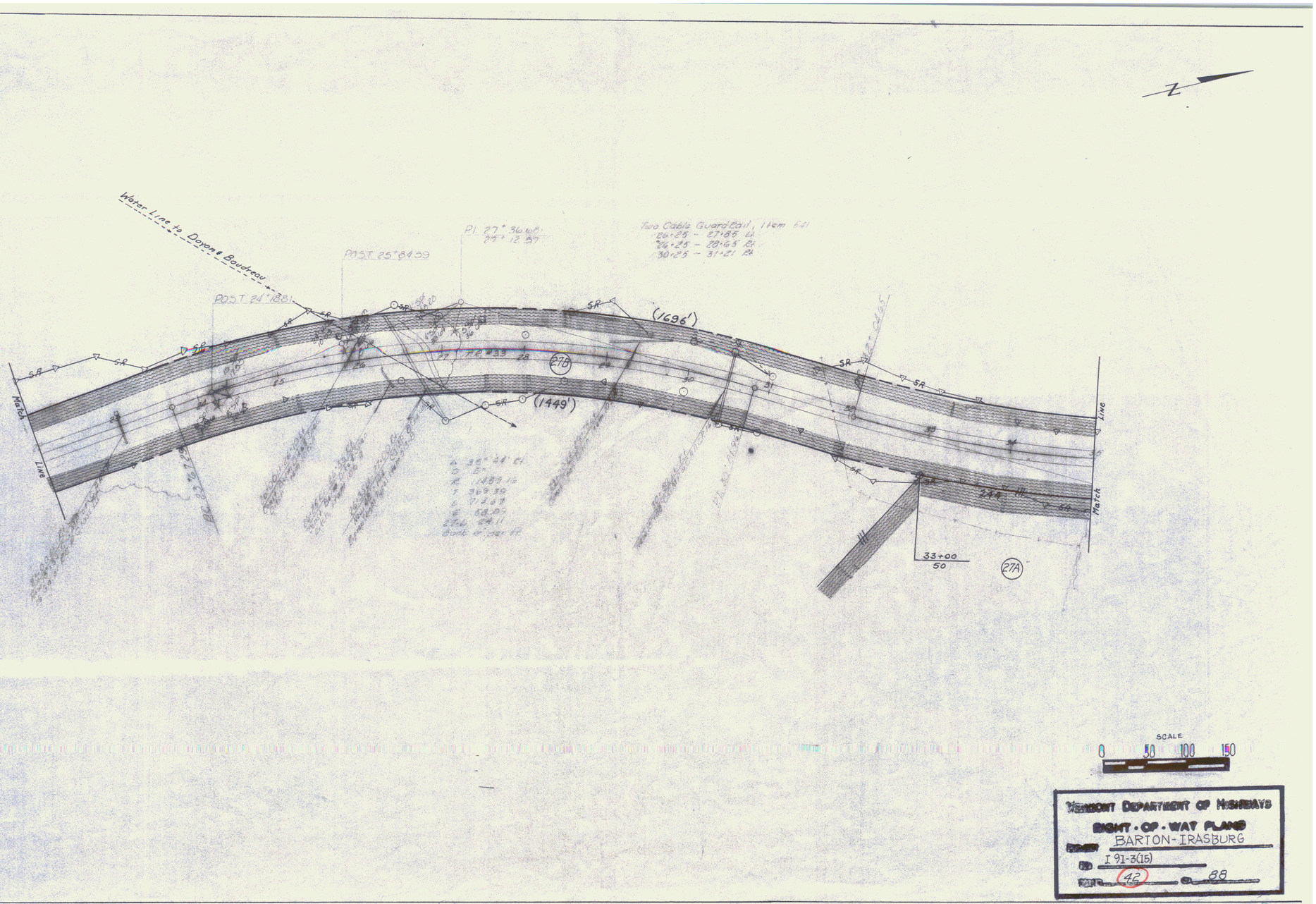
Begin Relinquishment No. IV
7+50 22' Lt. (41.67')

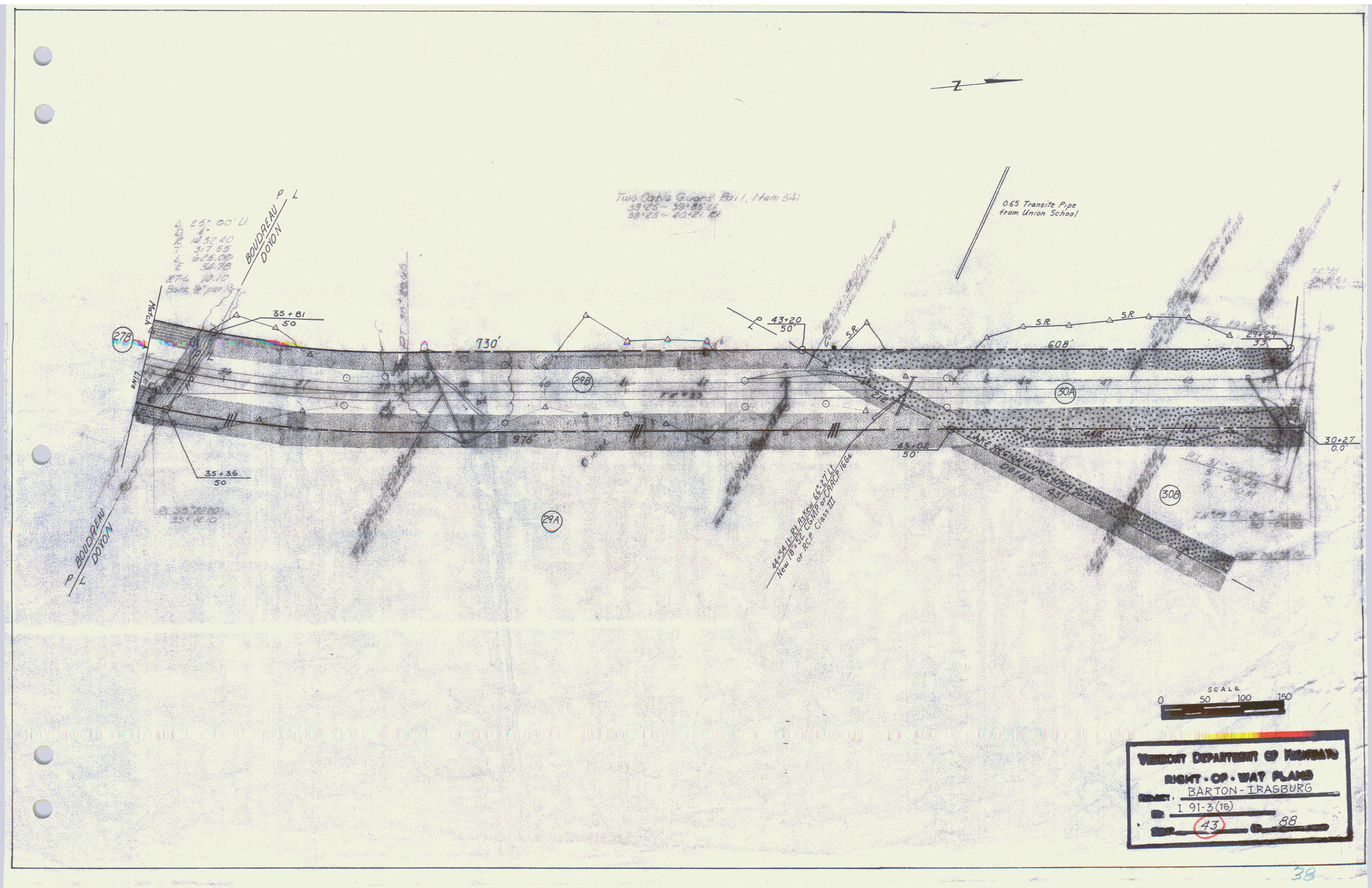
Type of Instr.	Date	Town	Book & Page
Agreement	Jan 23, 1975	Barton	59/180-182

7+50
82'
7+50
50'
7+50
50'
28'
72'
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 142.89
Bank 9% over 17
398'
24B
11+21
50'
GOSSELIN
LABLANC
P L
GOSSELIN
LANOUE
14+08
50'
P L
GOSSELIN
LANOUE
487'
26B
333'
13+17
50'
26A
231'+33
202'
LANOUE
BOUDREAU
19+02
50'
1696'
27B
1456'
18+22
50'
LANOUE
BOUDREAU
P L

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


N
Water Line to Doyon & Boudreau
POST 24°18'81
POST 25°81'39
PI 27°36'00"
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
33+00
50
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON-IRASBURG
I 91-3(15)
42
88
37


Two Cable Guard Rail, Item 541
33+25 - 39+85 Rt
39+23 - 40+27 Rt
0.65 Transite Pipe from Union School
P L BOUDREAU DOYON
Match Line
35+81
50
730'
43+20
50'
608'
27+27
35
30+27
0.0'
35+36
50
976'
45+02
50'
LANE REGION UNDER WHEEL SENSOR
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 Instr.	Date	Town	Book & Page
Agreement	Jan 23, 1975	Barton	59/180-82

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

45+02
50'

30A

30B

44

2357+65
100

19+50
33

20+28
33

216'

HOULE

BOYDEN

248'

29D

2358+05
100

DOYLE

45

2358+87
333

2358+75
398

29A

BUTLER

46

2360+64
150'

29C

29+29
33

22+83
33

31

22+80
33

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+50
Begin Construction

20+50
Begin Approach

20+00
33

TH #29 to be Built
in its Entirety During
Stage I 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

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Rock Excavation Item 117
S.B. 2365+80 ± Gabions
S.B. 2378+26 - 2379+50

* Three Cable Guard Rail w/ Steel Posts, Item 542
S.B. 2360+W - 2367+68 Rt
" 2360+56 - 2369+10 Lt
N.B. 2366+76 - 2368+00 Rt
" 2362+80 - 2366+16 Lt
" 2367+84 - 2370+00 Rt

* STAGE 2 CONSTRUCTION

Quantity Item Omitted
Item 616

Quantity Item Added
w/ Steel Posts, Item 542
N.B. 2366+00 - 2367+28 Rt
N.B. 2366+28 - 2371+00 Rt
S.B. 2360+60 - 2363+80 Lt

End Relinquishment No. II
Begin Maint. Agree. Area No. 4
T.H. 29 30+27 ℄ (678')

BUTLER

678'

2360+64
150'

30+27
TR-29 ℄

S.B. DOT 2359'6703

S.B. 2359+43
End Roadway
End Bridge
Resume Roadway

1433'

BUTLER

S.B. DOT 2374' 2244

2374+82
137'

BUTLER

N

308

29A

33

32+38
℄

Lake's Inn

2365 N.B. DOT 2369' 2870

2373+52
36'

CHURCHILL

N.B. DOT 2371' 2948

N.B. DOT 2374' 3980

301'

2359+05
100'

DOYLE

2362+00
150'

N.B. DOT 2364' 0017

931'

DOYLE

N.B. DOT 2368' 0632

569'

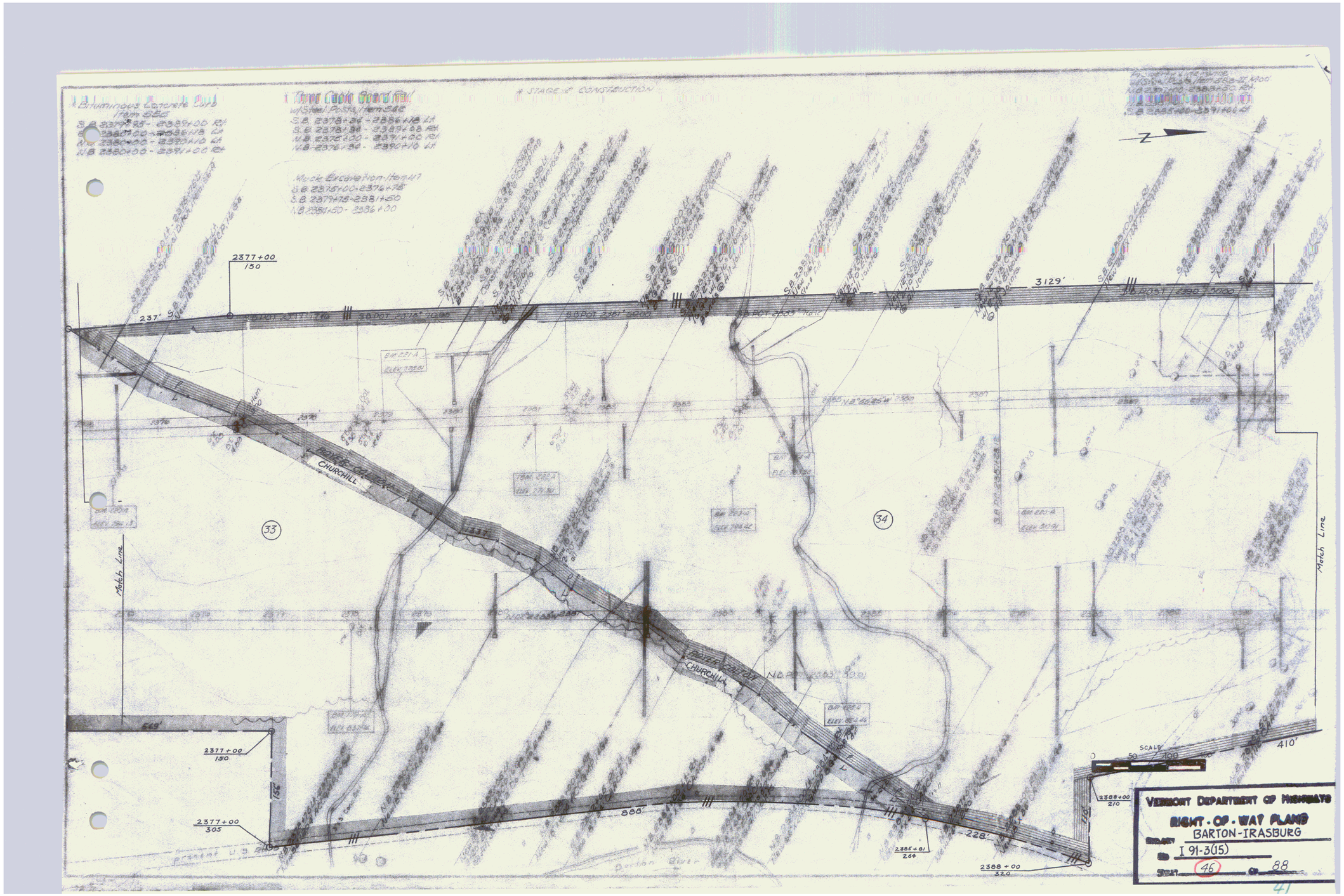
DOYLE

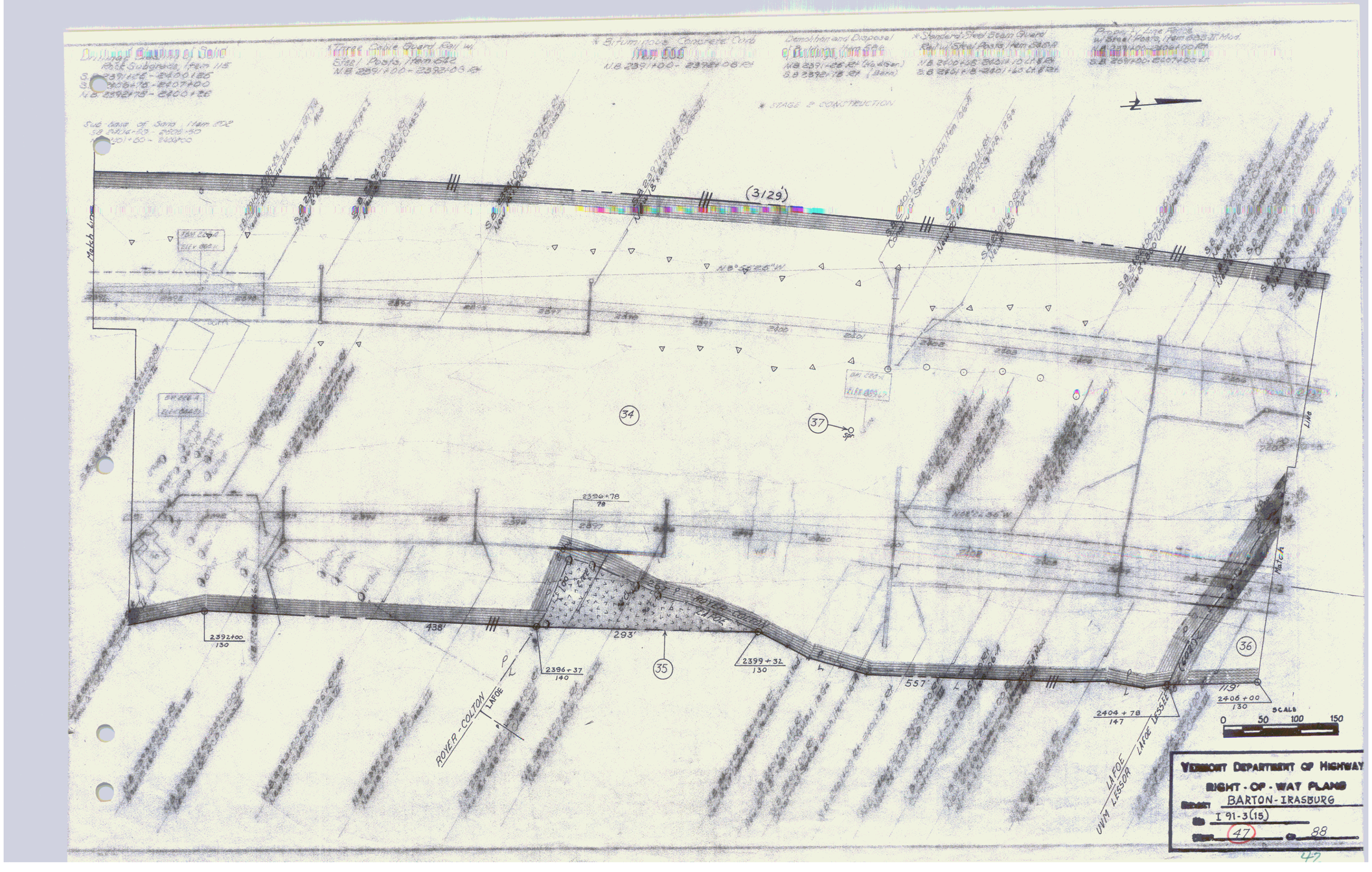
2371+31
150'

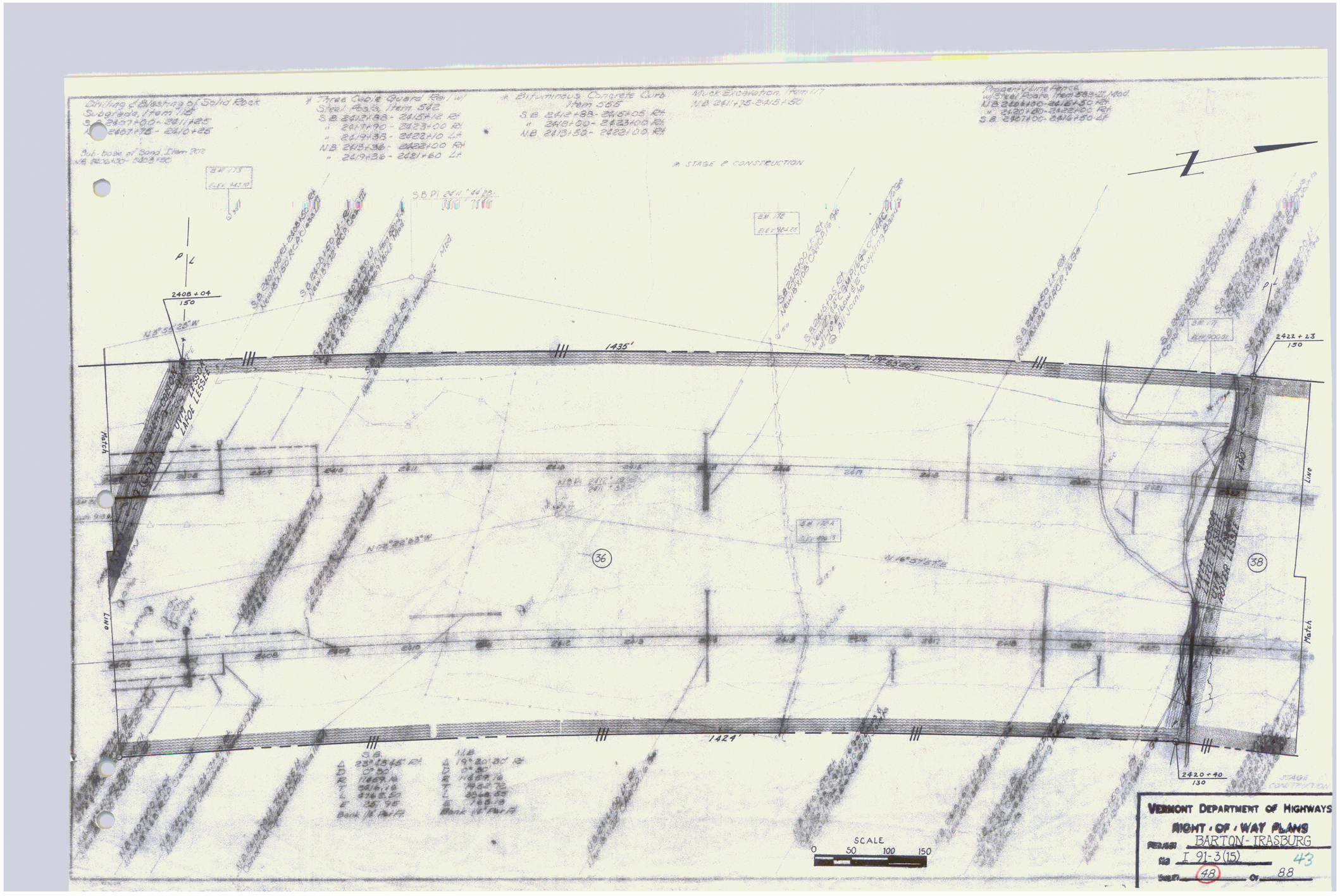
SCALE
0 50 100 150

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

40


Bituminous Concrete Curb
Item 625
Three Cable Guard Rail
w/Steel Posts Item 612
STAGE 2 CONSTRUCTION
Muck Excavation Item 141
N
2377+00
130
3129'
BM 221 A
ELEV. 739.61
33
34
CHURCHILL
Match Line
2377+00
305
665'
885'
228'
410'
2388+00
270
2385+81
264
2388+00
320
SCALE
0
50
100
200
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
LAFOE
UVM LESSOR
LAFOE LESSOR
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
" 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. 2416+00 - 2416+50 Lt
* STAGE II CONSTRUCTION
BM 173
ELEV. 343.10
BM 172
ELEV. 364.28
BM 171
ELEV. 390.93
P L
2408+04
150
2422+23
150
2420+40
130
1435'
1424'
N 8°55'25" W
N 13°20'33" W
N 16°51'12" E
Match Line
36
38
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
FED. AID PROJ. BARTON-IRASBURG
NO. I 91-3(15) 43
SHEET NO. 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 Stake, Item 203
S.B. 2438+00 - 2440+00
N.B. 2424+75 - 2428+00

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

N

S.B. 2433+50 Rt
New 18"x 60' C.M.P. (.064 ga.) w/ 1-16 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. 2430+00 Lt
New 18"x 60' RCP, Class III

S.B. 2429+00 Rt
New 18"x 60' RCP, Class III

S.B. 2429+00 Lt
New 15"x 64' RCP, Class III

S.B. 2439+00 Rt
New 18"x 52' RCP, Class III

P.I. 2439+87.200
Elev. 902.33

P.I.

BM 120
ELEV. 896.93

1306'

S.B. 2429+96.38
Rep. 8.00 Taper

S.B. 2429+96.38
End Slope
Begin Roadway Ditch/Lane

Match Line

N19°58'20"E

38

39A

Match Line

N19°58'20"E

1250'

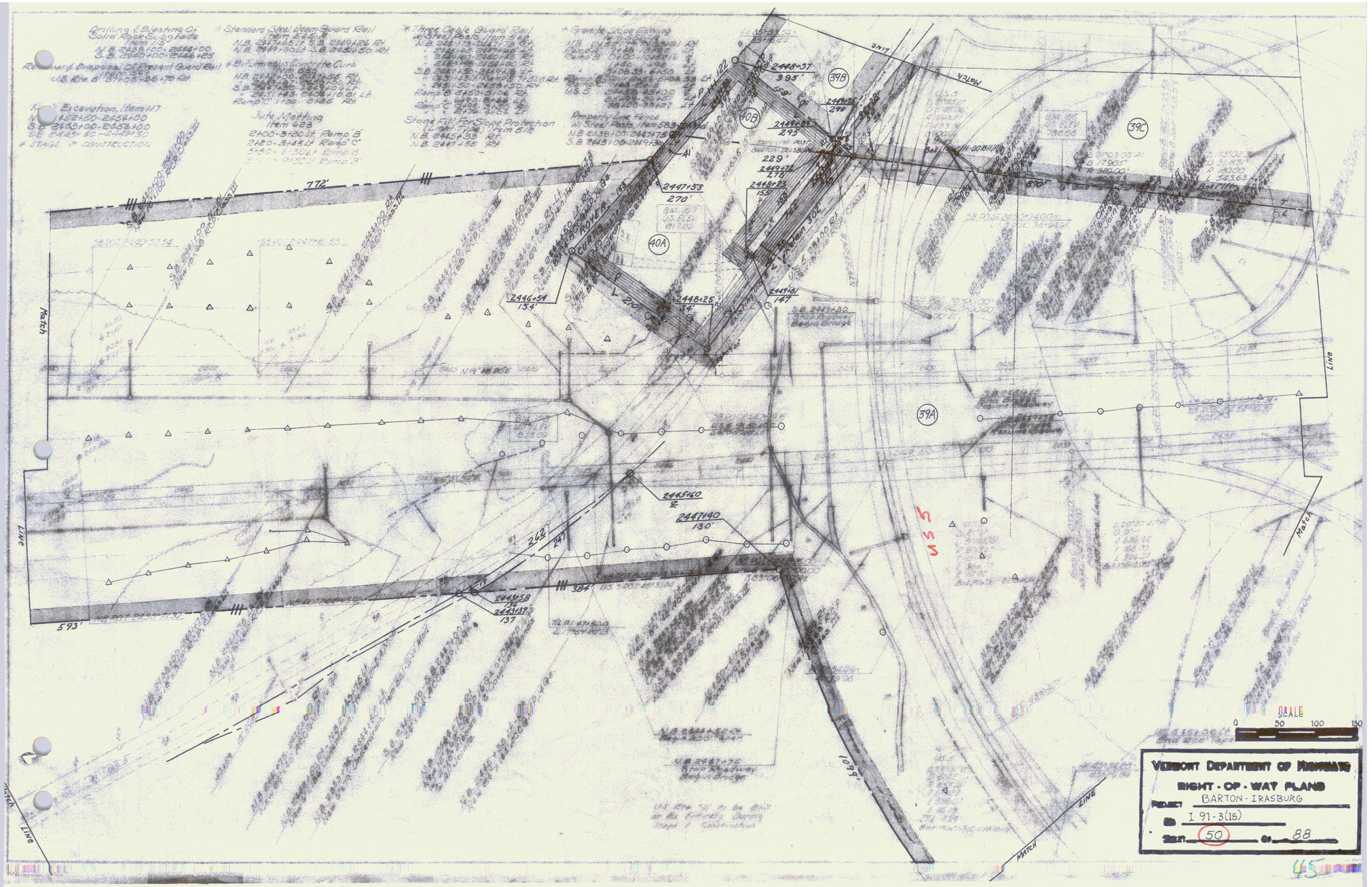
P.I. 2437+49.147'

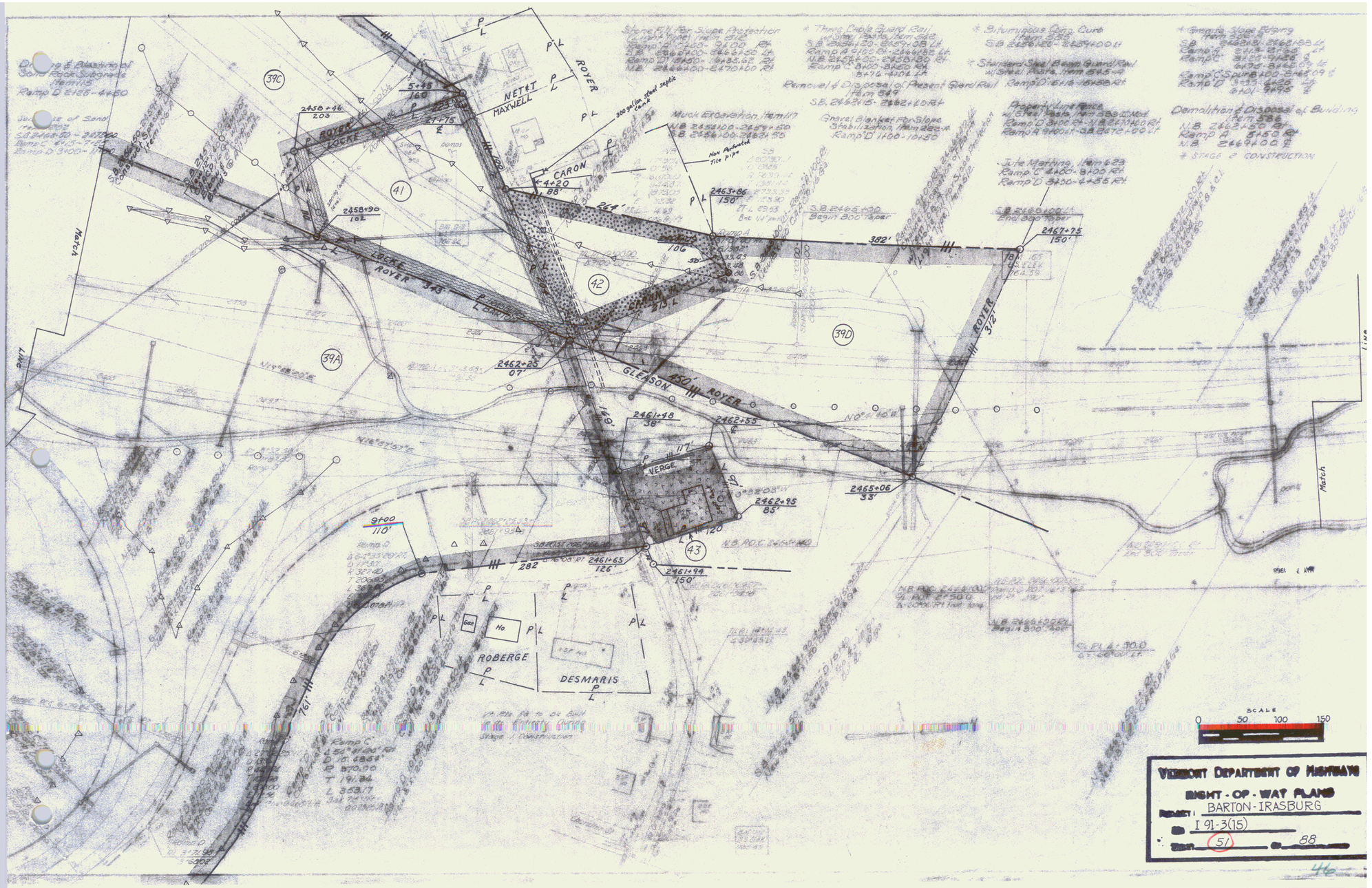
0 50 100 150

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
Removing Disposal Of Present Guard Rail
Excavation, Item 117
Item 628
Item 613
Item 512
STAGE 1 CONSTRUCTION
Standard Steel Beam Guard Rail
Item 606
Bituminous Concrete Curb
Jute Matting
Item 628
Three Cable Guard Rail
(Steel Posts) Item 606
Stone Fill For Slope Protection
Granite Slope Edging
Property Line Fence
(All Steel Posts) Item 613
772'
593'
384'
229'
270'
395'
147'
130'
1039'
Match Line
Match Line
Match Line
Match Line
40A
40B
39A
39B
39C
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
ID I 91-3(15)
SHT. 50 OF 88


NETET
MAXWELL
ROYER
CARON
LOCKE
ROYER
CHAMPAGNE
GLEASON
ROYER
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)
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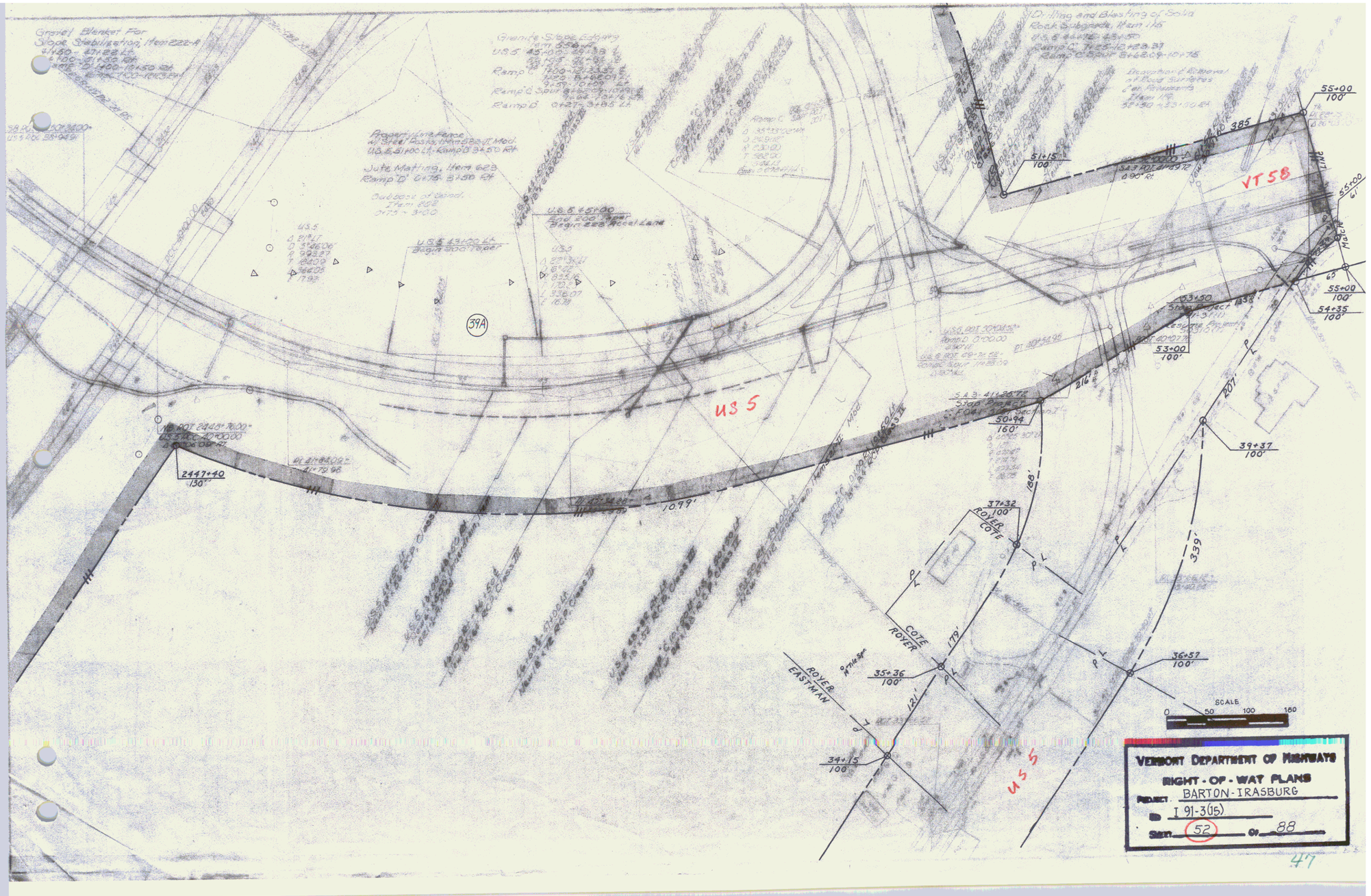
Gravel Blanket For Slope Stabilization, Item 622-A
Granite Slope Lighting
Property Line Fence w/ Steel Posts, Item 618.21, Mod.
Jute Matting, Item 623
Ramp 'D' 0+76. 31.50 Rt
Subbase of Gravel, Item 858
Drilling and Blasting of Solid Rock Subgrade, Item 116
Drainage Ditch and Rock Surfaces for Protection, Item 619
U.S. 5
VT 58
39A
Rover Cote
Cote Rover
Rover Eastman
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
PROJECT BARTON-IRASBURG
ID I 91-3(5)
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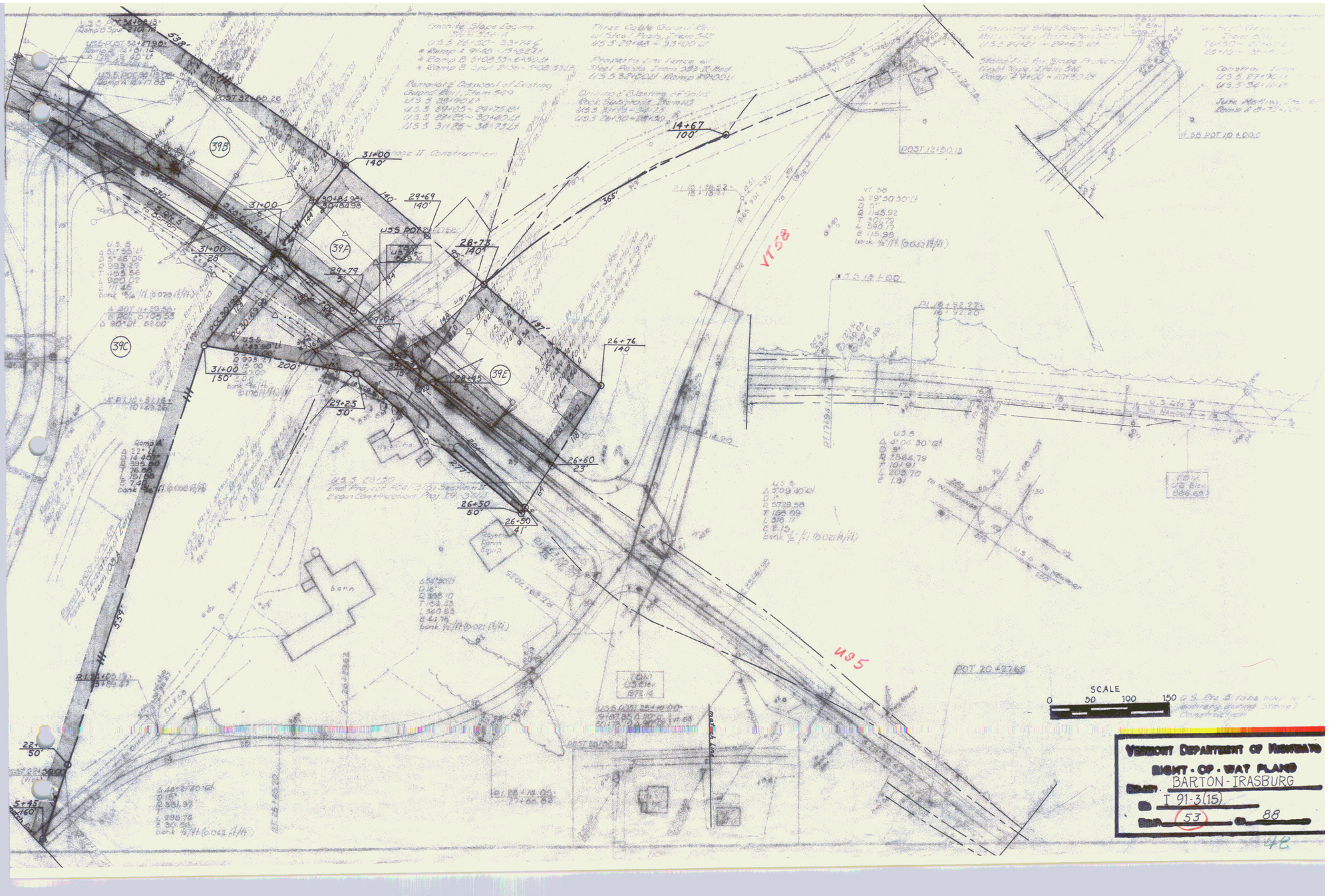
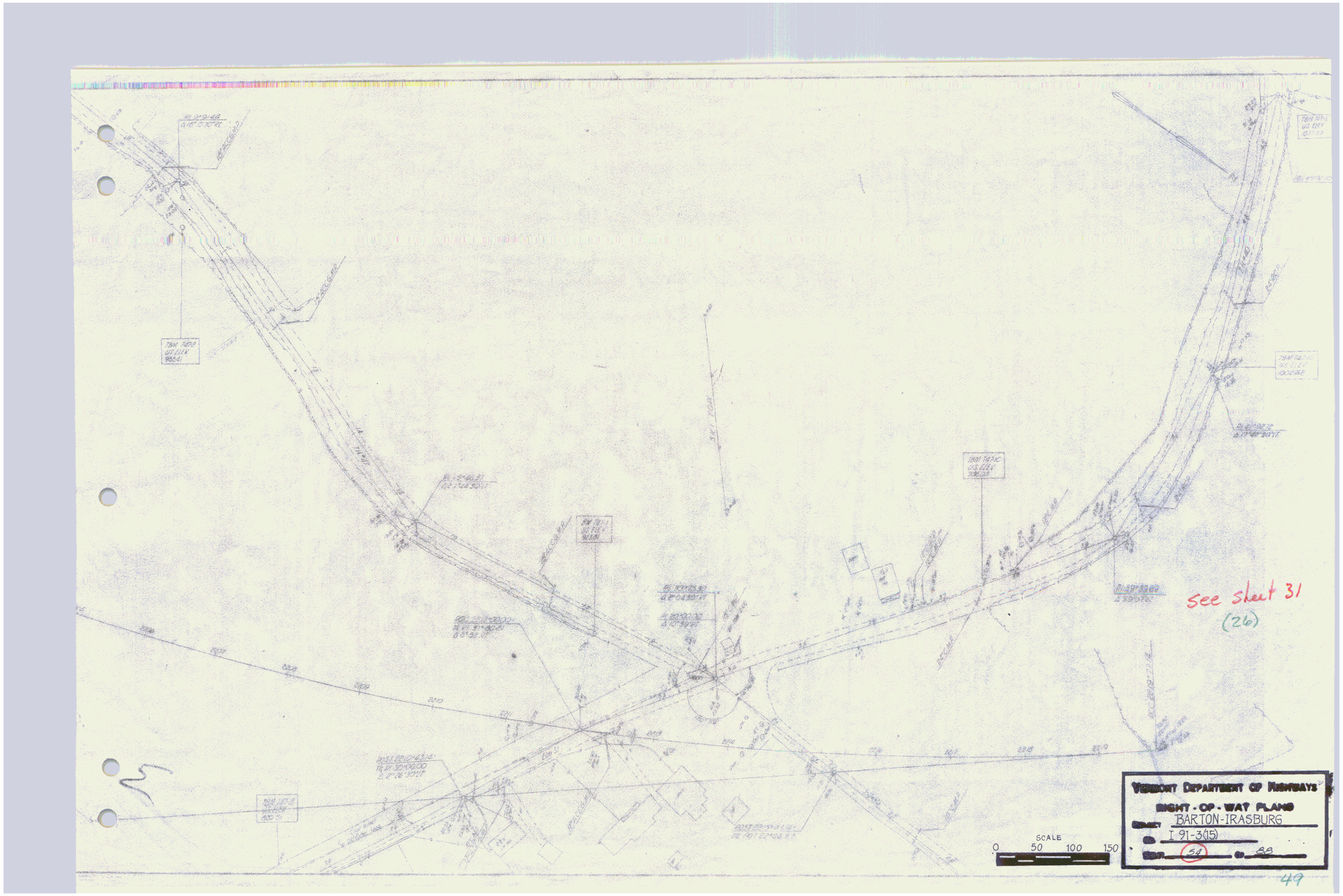
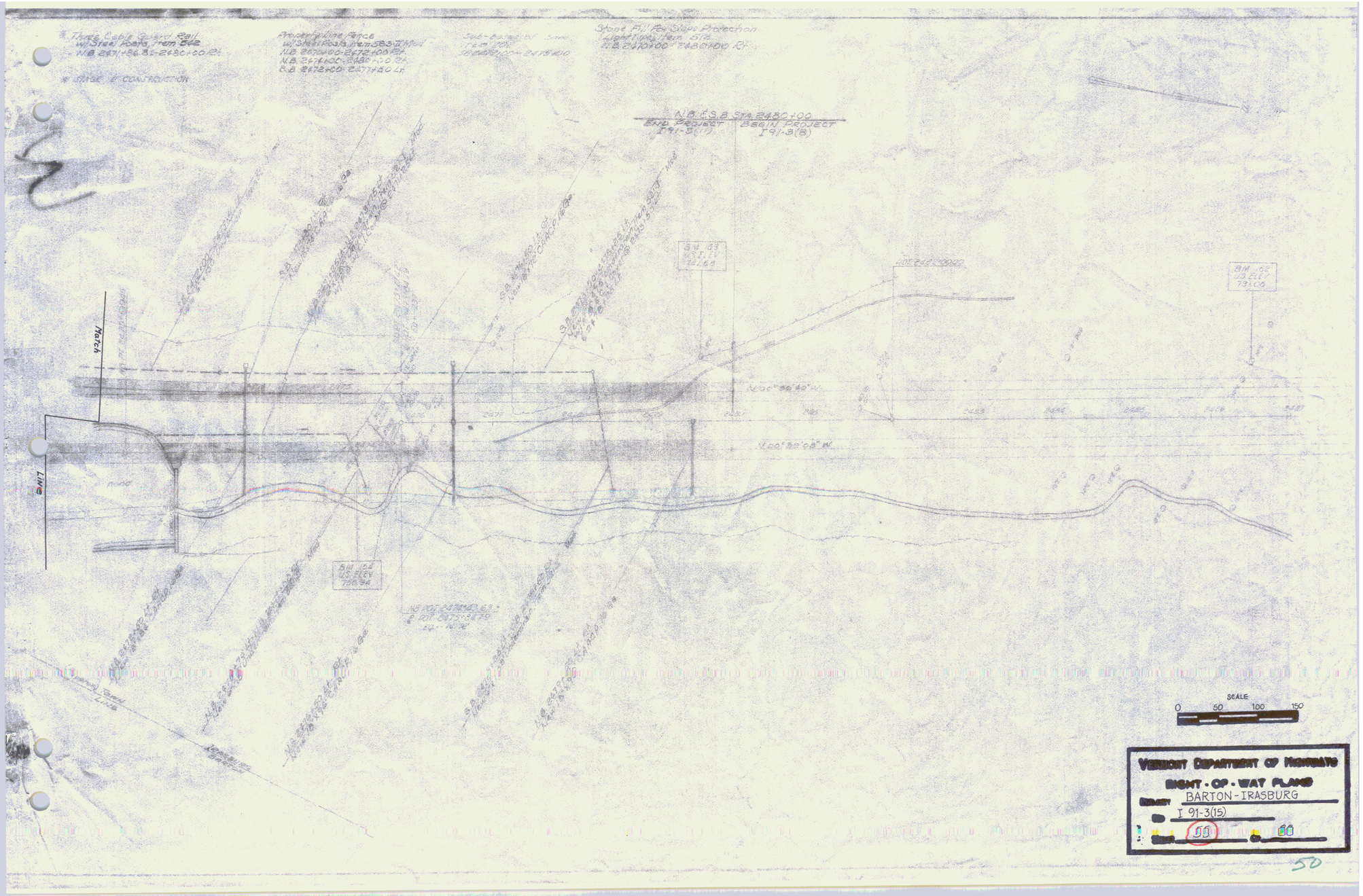

VT 58
U.S. 5
39B
39F
39C
39E
barn
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON-IRASBURG
I 91-3(15)
53
88


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


Three Cable Guard Rail w/Steel Posts from SB2
N.B. 2471+86.81-2480+00 Rt.
* STAGE 'B' CONSTRUCTION
Protective 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 Type 2 Rip Rap
Stone Fill for Slope Protection Right Item 612
N.B. 2470+00-2480+00 Rt.
N.B. F.S.B. Sta. 2480+00
End Project I 91-3(11)
Begin Project I 91-3(8)
BM 103 U.S. ELEV. 731.69
BM 102 U.S. ELEV. 731.06
SBI 104 U.S. ELEV. 758.54
Mark
Line
N 00° 38' 40" W.
N 00° 38' 08" W.
2470
2471
2472
2473
2474
2475
2476
2477
2478
2479
2480
SCALE
0 50 100 150
VERMONT DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
BARTON-IRASBURG
I 91-3(15)
50

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8-15. Cross Section Sheets
16-26. Mainline and Ramp Grades
27-67. Plans and Profiles
68. Industrial Access Details - Area of Partial Acquisition
BRIDGE I 91 OVER PA 42 STATION 217+69
69. Preliminary Information
70. Grading and Excavation
71. Quantity Sheet
BRIDGE I 91 OVER TN 402 STATION 221+25
72. Preliminary Information
73. Plan and Elevation
74. Quantity Sheet
75-76. Traffic Sign Location Sheets
77. Delineator Location Sheet
78-82. Sign and Truss #1 Detail Sheets
83. Sign Support Detail Sheet
84. Plywood Sign Assembly and Construction Detail Sheet
85. Guide Signs
86-88. Traffic Sign and Delineator Summary Sheets
89. Blank
90. 8-16 Rest Turnouts 7/21/67
91. 8-17 Guard Rail to Abutment at Bridges (Incl. Tapers & Mod. Runs 1/26/71
92. C-1 Traffic Markers 7/19/67
93. C-3 Traffic Markers 7/19/67
94. C-11 C.I. Cover for Flushing Basins 12/1/71
95. C-11 Intermediate Curb Inlets 11/1/71
96. C-12 Miscellaneous Items 3/16/71
97. C-13 Steel Guide Markers 8/1/71
98. C-14 Supplementary Signs 8/17/67
99. C-15 Permit Entry Signs 8/17/67
100. C-16 Warning Signs 12/16/68
101. C-17 Curbs Sheet 11/ 7/72
102. C-20 Delineation, Hazard Markers and Mile Posts 11/ 7/72
103. C-21 Mile Marker and Delineator Bridge Heads 12/16/72
104. C-22 Breakaway Type Delineator Sign Supports 2/ 1/71
105. C-23 Traffic Sign Foundation Sizes 2/23/69
106. C-24 Standard Sign Placement 2/ 1/69
107. C-26 Standard Sign Placement 2/ 1/69
108. C-31 Mortise Curbing Sheet 2/17/71
109. C-32 Road Cont. Approach Slope 5/ 6/71
110. C-33 Cut Point Control Sheet 5/ 6/71
111. C-1 Std. Steel Guard Rail 9/28/70
112. C-5 Delineator Posts 12/30/68
113. C-6 Steel Cloth Guard Rail, W Sec. Steel Posts and Anchors 9/25/70
114. C-7 Delineating for Bridge Approaches 5/13/70
114 J-1 Erection of proj. markers 5/10/55

BARTON EMP I 91-3(19)
RECORD PLANS
MATERIALS

PAVEMENT AREA
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.
RES. ENG.—WILLIAM F. MURPHY.
INSPECTORS—S.N. SCHILLES, C.H. HALL, S.L. MURRAY, B.H. [illegible], P.W. HYES, L.J. MOYES, ACCEPTED—J.L. ROGERS, U.E. BUMPS, M.G. HUTCHINS, J.E. BUMPS, K.P. LEACH, R.S.

CONTRACT DATED—DEC. 28, 1971.
STARTED—MAY 1, 1972.
COMPLETED & ACCEPTED—NOV. 22, 1972.

CASSIDY, K. WASHER & M.E. MURRAY RECORD PLANS ADDENDUM

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

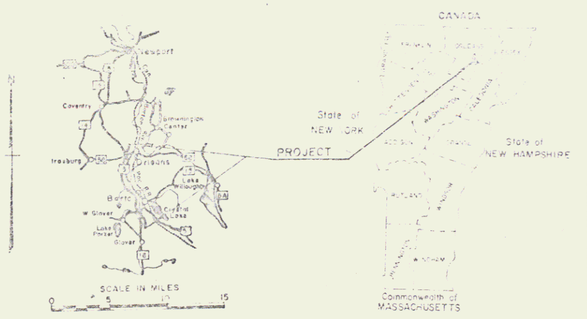
PROPOSED IMPROVEMENT

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

BEGIN THIS SET NB 2085+23

B 2085+23 To 2440+00

CONVENTIONAL SIGNS

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

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

END CONTRACT 5
SB 2104 + 92.05

Equation

#257

SB 2101+80 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. = 2104+42.05

2104+92.05
2104+92.00
(-1307.95)

EQUALITY

P.O.T. = 2121+39.00

P.O.T. = 2123+20.49

P.C. = 2127+62.00

Electric Power Pole #258
26.38'

22" Hub
30.42'

ELECTRIC WIRE

3" Cedar
3.80

N 03°-25'E

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

3" Cedar
4.17

4" Spruce
12.10'

7" Larch
37.69'

Birch
12.24'

Poplar
13.61'

Cedar
18.30

Spruce
16.02'

2"x2" Hub
4.64'

Hemlock
17.61'

3" Spruce
10.20'

5" Spruce
13.00

SB 44.83'
Post
NB 48.32'

5" Spruce
13.48'

4" Spruce
13.30'

4" Spruce
14.11'

7" Cedar
9.43'

Mark on Rock
6.89'

N 01°-55'E

6" Cedar
14.14'

3" Birch
13.47'

Spike in Root Tree

11" Cedar
14.25'

4" Birch
6.71'

10" Hemlock
4.34'

6" Larch, 6.37'
7.93'

B.M. #106 2103'

Mark on Rock

3" Larch
8.29'

9" Larch
18.18'

7" Larch
7.53'

10" Larch
9.02'

Mark on Rock
16.73'

4" Spruce
20.61'

4" Spruce
34.60

3" Spruce
34.01'

6" Spruce
32.07

HIGH

EQUALITY

#259

2103+54.95
2119+00.00
(-1445.05)

P.O.C. = 2098+00.00

P.T. = 2099+12.71

P.O.T. = 2101+25.00

P.O.T. = 2119+00.00

P.O.T. = 2123+13.16

P.C. = 2127+12.00

SB 2100+00 Rt. - SB 2101+80 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 68' 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
SURVEYED
ADJUSTMENT CHECKED
NOTE BOOK
PLACED OF WAY CHECKED
MU
PLACED

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+92.05 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

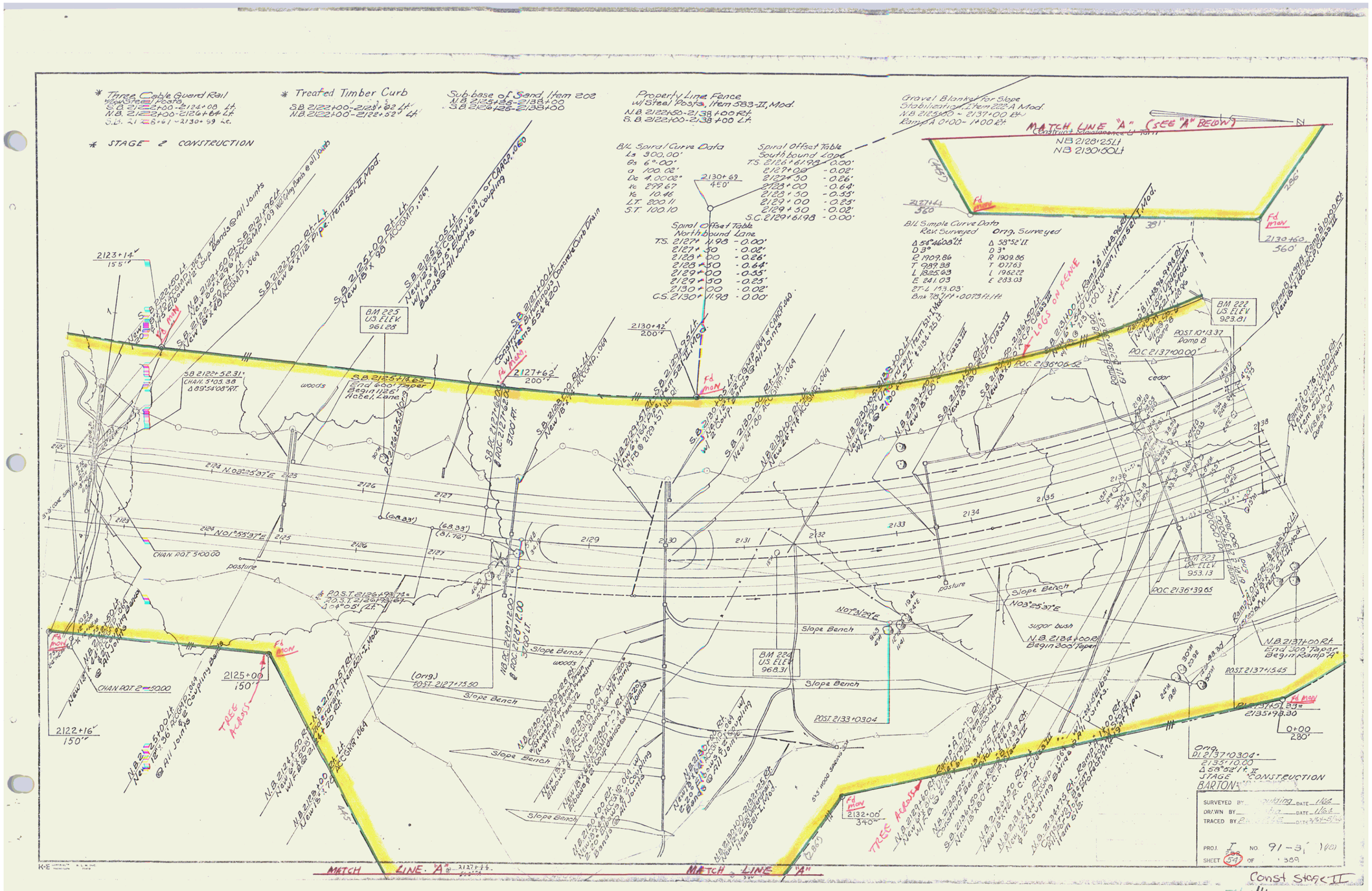
II
STAGE CONSTRUCTION
BARTON-TRASBURG

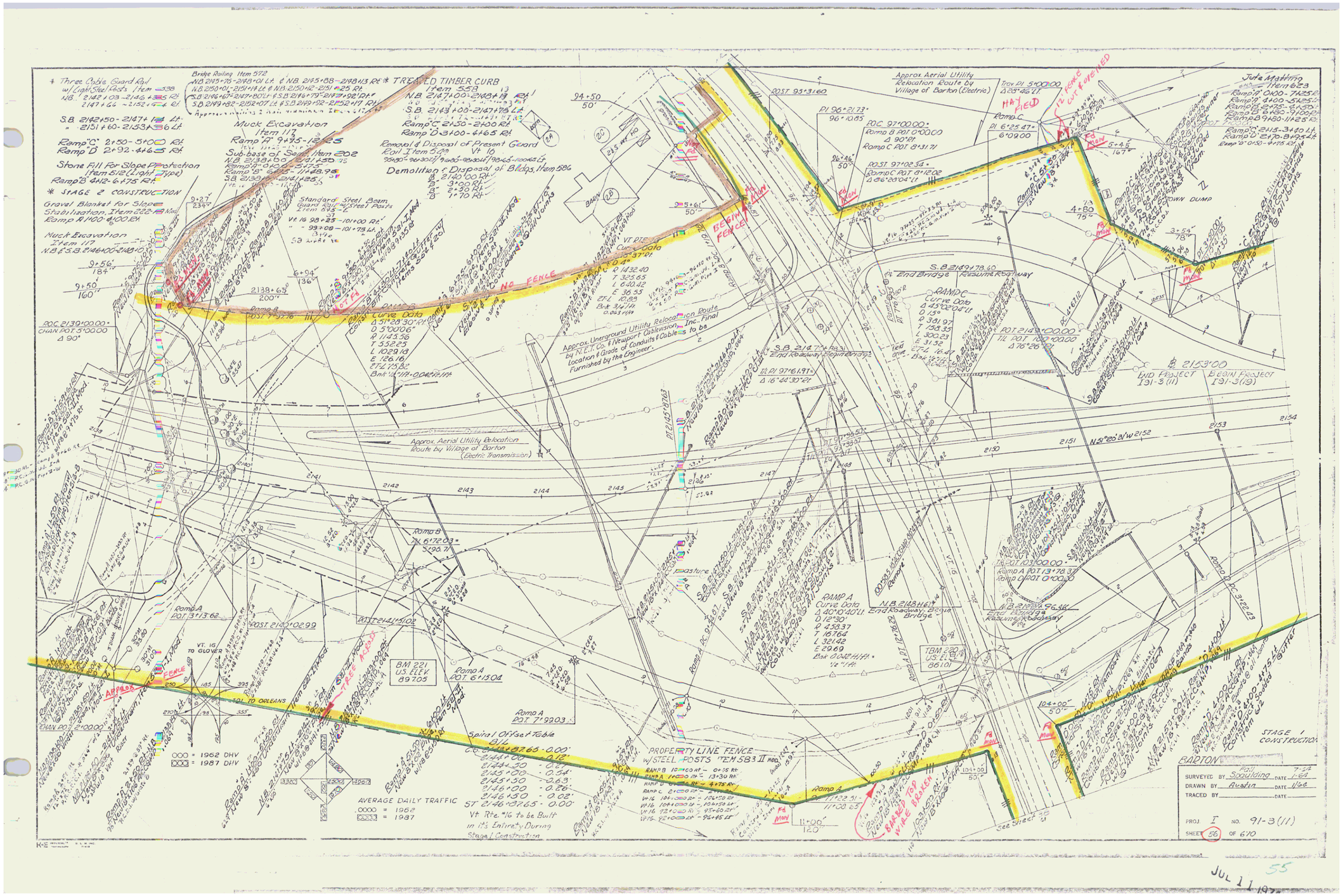
SURVEYED BY Lo Vallee DATE 2/64
DRAWN BY _____ DATE _____
TRACED BY M.L.M. DATE 5/14/64

PROJ. I NO. 91-3(11) (18)
SHEET 52 OF 250 389

53

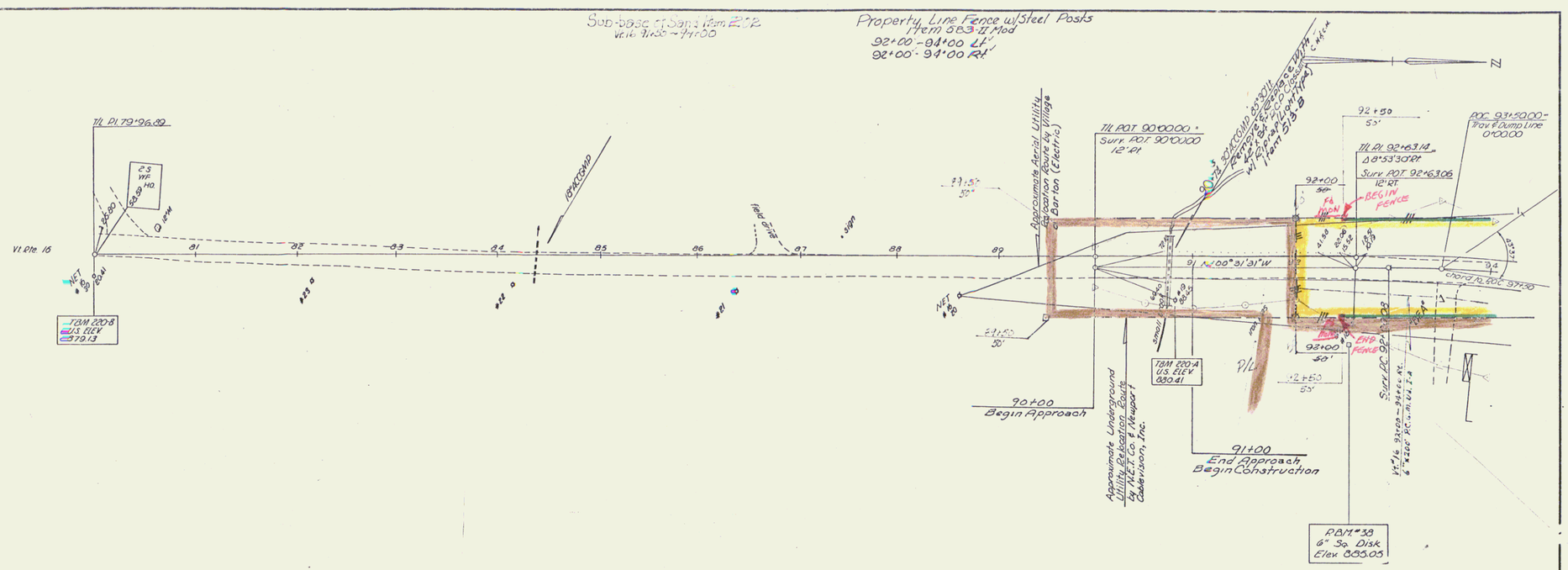
JUL 11 1974


* Three Cable Guard Rail with Steel Posts
S.B. 2122+00 - 2124+08 Lt.
N.B. 2122+00 - 2126+64 Lt.
S.B. 21 < B+01 - 2130+59 Lt.
* Treated Timber Curb
S.B. 2122+00 - 2128+32 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 Ditch, Item 601
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
S.T. 100.10
Spiral Offset Table
North bound Lane
TS. 2127+11.98 - 0.00'
2127+50 - 0.02'
2128+00 - 0.26'
2128+50 - 0.64'
2129+00 - 0.35'
2129+50 - 0.25'
2130+00 - 0.02'
C.S. 2130+11.98 - 0.00'
Spiral Offset Table
South bound Lane
TS. 2126+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'
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'
Bank 7.8 1/4 - 0.073 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
POST 2137+10.37 Ramp B
POST 2137+15.45
POST 2133+03.04
POST 2127+75.50 (Orig)
POC 2136+06.52
POC 2136+39.65
POC 2137+00.00
CHAN. POT. 5+00.00
CHAN POT 2=50.00
Woods
pasture
cedar
sugar bush
Slope Bench
TREE ACCESS
LOGS ON FENCE
Fd MON
Fd IRON
Ramp A 0+00 - 14+00 Lt. Const. Slope Ditch, Item 601
Ramp B 0+00 - 11+00 Lt. Const. Slope Ditch, Item 601
Ramp A 14+00 - 19+00 Rt. Const. Slope Ditch, Item 601
Ramp B 11+00 - 19+00 Rt. Const. Slope Ditch, Item 601
N.B. 2137+00 Rt. End 300' Taper Begin Ramp "A"
S.B. 2137+00 Lt. End 300' Taper Begin Ramp "B"
MATCH LINE "A"
MATCH LINE "A"
Orig. PI 2137+10.304
2135+10.00
Δ 58°32' Lt.
STAGE CONSTRUCTION
BARTON
SURVEYED BY
DRAWN BY
TRACED BY
PROJ. I-
NO. 91-3
SHEET 54 OF 389
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 Size)
Gravel Blanket for Slope Stabilization, Item 622
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
PROPERTY LINE FENCE w/ STEEL POSTS "ITEM 583 II"
BEGIN FENCE
NO FENCE
APPROX. FENCE ACROSS
BARN
BM 221 US ELEV. 89.05
TBM 220 US ELEV. 86.01
AVERAGE DAILY TRAFFIC
1962 DHV
1987 DHV
Spiral Offset Table
STAGE 1 CONSTRUCTION
BARTON
SURVEYED BY Spaulding DATE 7-54
DRAWN BY Austin DATE 1-66
TRACED BY DATE
PROJ. I NO. 91-3(11)
SHEET 56 OF 670
JUL 11 197
55

Sub-base ct Spec Item 212
Vt. Rte 16 ~ 7+00

Property Line Fence w/Steel Posts
Item 613.21 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

VT. RTE 16 105+76.7 ±
Pipe Line Trav 25°92.5'
Pipe Line Sta 7934+82.5

Trav. Line 13°35.5'
Δ 20°35' Rt

BEGIN FENCE

FA Proj.

FA Proj.

END FENCE

Approximate location of Portland Pipe Line

106+50
50'

Vt. 16 106+50 Lt. to 107+75 Rt.
Construct Special Ditch Item 106-9
New 24"x16" RCEA, Class III S.E.

106+00 – 106+50 Lt.
Const. Special Ditch Item 106-9

107+10 – 107+40 Lt.
107+15 – 107+45 Rt.
New 8"x5" RCEA, Class III S.E.

107+15 – 107+50 Lt.
Const. Special Ditch Item 106-9

Vt. 16 107+50 Lt. to 108+25 Rt.
New 24"x16" RCEA, Class III S.E.

106+25 – 107+50 Lt.
Construct Special Ditch Item 106-9

Approx. Underground Utility Relocation Route by N.E. Tel. & Tel. Co. (Newport Cable Division), Inc.

Vt. 16 107+50 – 108+75 Rt.
Construct Special Ditch Item 106-9

107+15 – 107+50 Lt.
Const. Special Ditch Item 106-9

Vt. 16 107+50 Lt.
Construct Special Ditch To Cover

Approx. Aerial Utility Relocation Poles by Village of Barton, (Electric, Transmission)

107+15 ± Lt. ext. Remove

Tk. Pl. 111+65.52
Δ 15°16' Lt.

112+50
50'

Barton River

110+00
End Construction
Begin Approach

112+00
End Approach

112+50
50'

Vt. Rte 16

Construct Drive
107+00 Lt

15" RCP

18" RCSAMP

15" CMP

18" CMP

Tk. Pl. 118+57.27
Δ 3°51'30" Lt.

23.5 LF 8" Water Line

Section Ck #2

Dam

Section Ck #1

23.5 LF 18" RCP

Vt. Rte "16 to be Built in its Entirety During Stage 1 Construction

Stage 1 Construction

BARTON

SURVEYED BY Millette DATE 6-16-6
DRAWN BY DATE
TRACED BY DATE

PROJ. I NO. 91-3(11)
SHEET 61 OF 670

JUL 11 1974

Sta 6+00
End Drive Construction

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

T/L P.I. 5+000
Δ 28°46'11"

T/L P.I. 9+500
Δ 93°40'11" Rt.

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

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

Ramp C
P.I. 3+30.00
P.I. 3+19.90
Δ 124°35'

T/L P.I. 12+100
Δ 73°17' Rt.

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

2'-1" 12'-0" 12'-0" 2'-1" 2'-0"
1-2 12" I Ham. con. mod. ¼" in 12" 1-2
15

PVI
1+30
100' V.C.
883.31

+2.100%
-1.905%

890
880
870

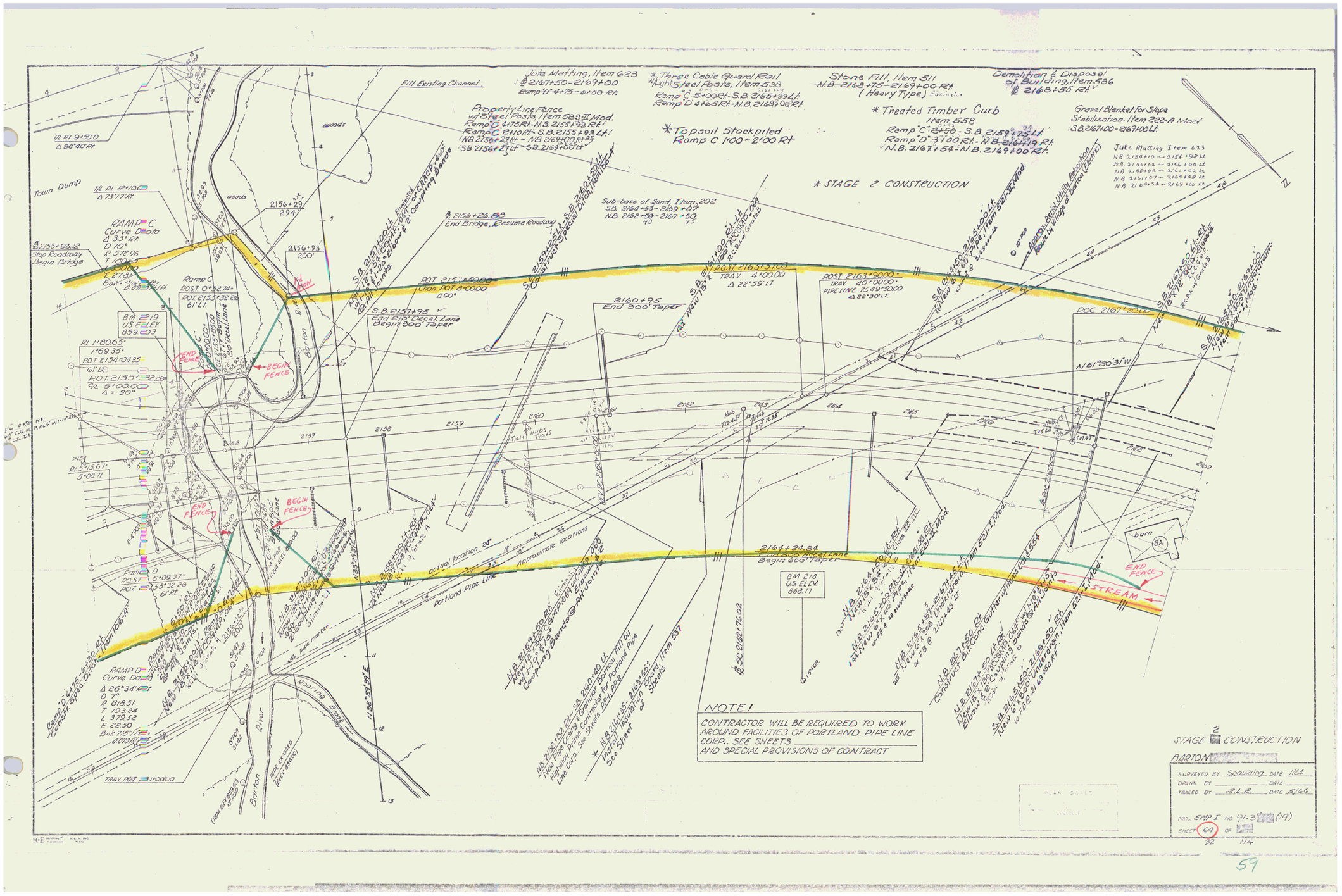
0 1 2 3 4 5 6 7

Stage I Construction

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

JUL 11 1974

58


Jute Matting, Item 623
Fill Existing Channel
Three Cable Guard Rail
Stone Fill, Item 511
Demolition & Disposal of Building, Item 586
Treated Timber Curb
Item 558
Topsoil Stockpiled
Ramp C 1+00 ~ 2+00 Rt
STAGE 2 CONSTRUCTION
Gravel Blanket for Slope Stabilization - Item 202-A Mod
Property Line Fence
Sub-base of Sand, Item 202
RAMP C
Curve Data
RAMP D
Curve Data
Town Dump
woods
Portland Pipe Line
Approximate locations
actual location
Boaring Brook
Barton River
barn
STREAM
END FENCE
BEGIN FENCE
BM 218
US ELEV
868.11
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 Surveying DATE 1/61
DRAWN BY _____ DATE _____
TRACED BY R.L.E. DATE 5/66
PROJ. EMP-I NO 91-3(19)
SHEET 69 OF

59

* Three Cable Guard Rail w/Light Steel Posts, Item 518
N.B. 2169+00 - 2169+43 Rt.
2179+30 - 2179+54 Rt.
2179 +33 - 2185+05 Rt.

Steel Beam Guard Rail with Steel Posts (6'-3" spacing) Item 540
NB 2164+73 - 2165+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)

POST 2170+29.89

Rev. POST 2171+07.15 - 2169+62.26

Rev. POST 2171+45.17
Tl. PI 153+29.70
Δ 73°26'Rt.

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

2172+33
200'

2171+16
200'

Fd. Mon.

BEGIN FENCE

NOT Fd.

S.B. 2171+53.01
End Roadway
Begin Bridge
END FENCE

Chan POT 4+53.17

POC 2171+58.86
Chan L. 4+76.28

POC 2170+00.00

END FENCE

BEGIN FENCE

BM 207
U.S. ELEV
94134

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
N.B. 2171+93 - 2172+93
N.B. 2173+00 - 2176+50

POC 2172+92

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

2173+00 Lt.
Item 211 Mod.
w/18 @ 2173+00

2173+91.17
200'

S.B. 2172+53.25
End Bridge
Resume Roadway

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 596
@ 2169+10 Rt.
2169+20 Rt.
2169+67 Rt.

Drilling & Blasting Of Solid Rock, Item 114
N.B. 2184+90 - 2185+00 Rt.

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

* Construct U-Turn
NB 2175+30±

* STAGE 2 CONSTRUCTION

Moving Building & Constructing Foundation & Appurtenances
Item 596
NB 2172+50 Rt.

Property Line Fence
w/Steel Posts, Item 583 II, Mod.
N.B. 2169+00 - 2171+43 Rt.
N.B. 2172+92 - 2185+00 Rt.
S.B. 2165+00 - 2171+58 Lt.
S.B. 2172+58 - 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.

S.B. 2169+90 - 2171+58 Lt. Rev. Curve Item 211 Mod. w/Top Soil @ 2171+00 Lt. Fill Slope Only
S.B. 2171+58 - 2172+79 Lt. Rev. Curve Item 211 Mod. w/Top Soil @ 2171+00 Lt. Fill Slope Only
S.B. 2172+79 - 2173+00 Lt. Rev. Curve Item 211 Mod. w/Top Soil @ 2171+00 Lt. Fill Slope Only
S.B. 2173+00 - 2180+00 Lt. Rev. Curve Item 211 Mod. w/Top Soil @ 2171+00 Lt. Fill Slope Only
S.B. 2180+00 - 2180+78 Lt. Rev. Curve Item 211 Mod. w/Top Soil @ 2171+00 Lt. Fill Slope Only

S.B. 2172+00 Lt. Rev. Curve 24" RCP, Class III
S.B. 2172+00 Lt. Rev. Curve 24" RCP, Class III
S.B. 2172+00 Lt. Rev. Curve 24" RCP, Class III
S.B. 2179+00 Lt. Rev. Curve 24" RCP, Class III
S.B. 2180+78 Lt. Rev. Curve 24" RCP, Class III

S.B. 2172+75 - 2173+00 Lt. Rev. Curve 36" RCP, Class III
S.B. 2173+00 - 2180+00 Lt. Rev. Curve 36" RCP, Class III
S.B. 2180+00 - 2180+78 Lt. Rev. Curve 36" RCP, Class III

S.B. 2180+78 - 2180+78 Rt. 15" x 24" Elliptical Underdrain, Item 534 Mod.

S.B. 2180+78 - 2180+78 Lt. 15" x 24" Elliptical Underdrain, Item 534 Mod.

S.B. 2184+00 Lt.-Rt. 12" RCCMP - .064" New Pipe Grade A

POT 2184+01.17

Rev. POST 2172+69.53

Rev. POST 2173+00.00

Rev. POST 2173+91.17

Rev. POST 2176+58.86

Rev. POST 2180+78.00

Rev. POST 2180+78.00

Rev. POST 2180+78.00

Rev. B.M. 5+a

SR#2 POC 160+04.03
Rev. B.M. POC 2171+94.97

SR#2 Sta

94°30'30"

SR#2 PC 147+80.40

Rev. B.M. POC 2172.92

T/L PI 143+76.80
Δ 1°12' Lt.

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

147+02
25'

SR#2 POC 150+06.03
Rev. B.M. POC 2171+94.97

147+15
25'

Post 34.95

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

S.A. #2

Boring Brook

SR#2 POC 147+80.40

T/L PI 149+35.10

Rev. B.M. POC 2171+94.97

SR#2 POC 151+31.00
S.H. POT 10000.0
4°16' 33.60'
Sight @ PC 147+80.40

Rev. B.M. POC 2171+67.32
SR#2 POST 151+61.42
Δ 80° 30' 30"

SR#2 PI 151+43.40
151+42.40

SR#2 POST 153+26.12

S.H. 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 541
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

Brezzy Hill Road

S.H. POT 14+00.0

P.T. 13+57.71

151+52
150'

Bridge

15" RCP
Const. Spec. Dtl.
Item 1037

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

STATE AID #2-TYPICAL

11/2"	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
11/2" ITEM 361, MOD.
3" 3/4" IN 12" 4 1/2"
1-2
1/4" IN 12" STRAIGHT
18" ITEM 201
16" ITEM 202
1/4" IN 12" STRAIGHT
18"

MAXIMUM BANKED SECTION- 1/4" PER FT.

Rev. B.M. 1 8/1/91

S.A.#2
Δ 7°15' Rt.
D 1°
R 5729.58
T 360.00
L 723.00
E 11.3
2TL 1.00

Splain Grade

940
930
920
910
900
890

10+0 11+0 12+0 13+0 14+0

P.V.I. 139+00
elev. 899.10
400' V.C.
SSD 936'

P.V.I. 133+00
elev. 912.30
400' V.C.
SSD 464'

+0.200%
-0.850%
-3.600%

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

14+0 14+50 15+0 15+50 16+0

Stage I Construction
State Aid #2
BARTON
'91-'94(11)
Sheet 68 of 670

PLAN-PROFILE

JUL 11 1974

* 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+10
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" RCCGMP .064 R.C.D.I. Grate B
S.B. 2198+50 Lt. Rt. New 18" RCCGMP .064 R.C.D.I. w/Grate B
add'l Spring

P.B.M. #40 Disk in Boldr. Elev. 953.49

BM 215 US ELEV 954.42
BM 214 US ELEV 937.71
BM 213 US ELEV 931.39

S.B. 2193+55 Rt. - 2201+55 Lt. 4 x 1.75 R.C.G. Grate T-4

R.C. 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" RCCGMP .064 R.C.D.I. Grate B

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

S.B. 2193+55 Rt. - 2201+55 Lt. 4 x 1.75 R.C.G. Grate T-4

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

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

N.B. 2194+50 - 2198+50 Rt. 6" P.C.G.m. Ud.

S.B. 2198+50 Lt. Rt. 104' New 18"x18" RCCGMP .064 w/1-18"x18" Elbow #2 Coupling Bands @ All Joints R.C.D.I. w/Grate B

SB PVT. 2185+50
N.B. PVT. 2185+00

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

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

N 3°09'10" E

PLAN SCALE
0 50 100
100 FEET

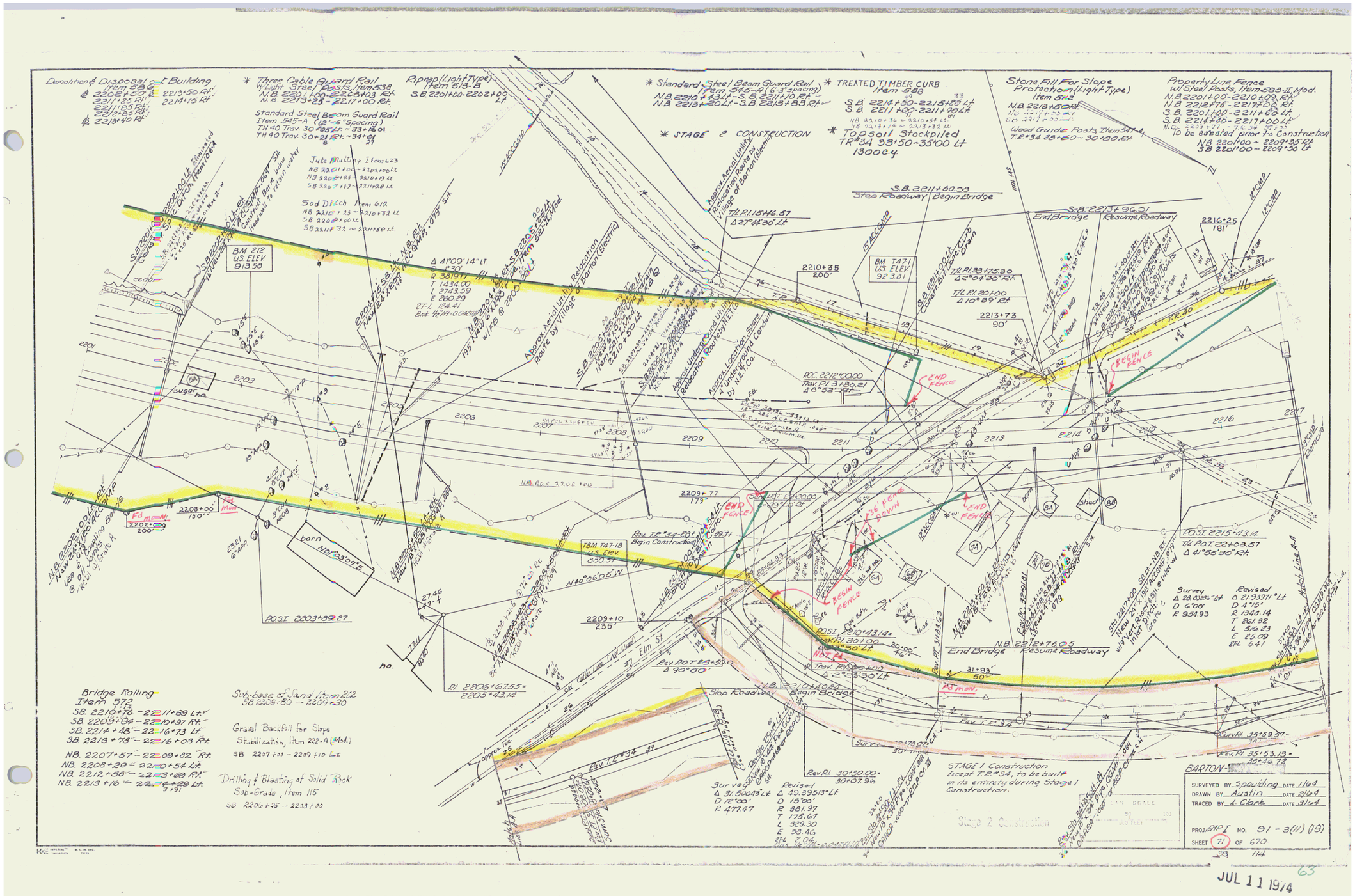
STAGE 2 CONSTRUCTION
BARTON

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
Three Cable Guard Rail w/Light Steel Posts, Item 538
Standard Steel Beam Guard Rail Item 545-A (12'-6" Spacing)
Riprap (Light Type) Item 610-B
Standard Steel Beam Guard Rail Item 545-A (6'-3" spacing)
TREATED TIMBER CURB Item 558
STAGE 2 CONSTRUCTION
Topsoil Stockpiled
Stone Fill For Slope Protection (Light Type) Item 542
Property Line Fence w/Steel Posts, Item 583-II, Mod.
Jute Matting Item 623
Sod Ditch Item 612
Approx Aerial Utility Relocation Route by Village of Barton (Electric)
Approx Underground Utility Relocation Route by N.E.T.Co.
Approx Location Space of Underground Conduits by N.E.T.Co.
BM 212 US ELEV. 913.58
BM TA7-1 US ELEV. 923.81
BM TA7-18 U.S. Elev. 880.31
Δ 41°09'14" LT D 4°30' R 381.917 T 1434.00 L 2743.39 E 260.29 27-L 124.41
Δ 27°44'26" LT
Δ 21°40'00" LT
Δ 40°00'
Δ 2°04'30" Rt.
Δ 10°49'Rt.
Δ 6°52'-Rt
Δ 2°23'30" Lt
Δ 90°00'
Δ 31.50043' Lt D 12°00' R 477.47
Revised Δ 49.39513' Lt D 15°00' R 381.97 T 175.67 L 329.30 E 38.46
Survey Δ 28.03886' Lt D 6°00' R 954.93
Revised Δ 21.93971' Lt D 4°15' R 1348.14 T 261.92 L 516.23 E 25.09
POST. 2203+89.27
POST. 2215+43.14
POST. 2210+43.14
Bridge Railing Item 572.1
Sub-base of Sand Item 212
Gravel Backfill for Slope Stabilization, Item 222-A (Mod.)
Drilling & Blasting of Solid Rock Sub-Grade, Item 115
STAGE 1 Construction Except T.R.#34, to be built in its entirety during Stage 1 Construction.
Stage 2 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 41°92'72"
Δ 17°49'30" Lt.

PI 33°75'30"
Δ 2°04'30" Rt.

PI 20°100.00
Δ 10°39'Lt.

PI 39°39.69
Δ 39°37' Lt.

POST 22+10°+43.14°
Tit. PI 30°100.00
Δ 2°26'30" Lt.

POST 22+15°+43.14°
Tit. POT 22°+03.57

POC 22+12°+00.00°
Tit. PI 31°+80.21
Δ 8°52' Rt.

POT 45°+29.90

POST 22+19°+77.14

TBM 147-A
U.S. ELEV.
900.51

TBM 147-B
U.S. ELEV.
908.41

TBM 147-C
U.S. ELEV.
923.81

TBM 147-D
U.S. ELEV.
939.03

TBM 147-E
U.S. ELEV.
1037.03

TBM 147-10
U.S. ELEV.
1002.62

TBM 147-K
U.S. ELEV.
959.03

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.

N 40°06'05" W

Old Cellar Hole

Cellar Holes

Barn

Shed

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

OVERLAYS
SHEET 71

64

JUL 11 1974

* Three Cable Guard Rail
High Steel Posts, Item 538
N.B. 2217+00-2228+ OR RT.
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 88.99
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+33
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

12' FENCE BARLEN

SB 2220+85 – SB 2220+85 LT.
New 6"x6" Timber Sign Post, Item 538-I Mod.
w/FB. w/Cl. Cover @ 2225+00

SB 2220+85 – SB 2221+00 LT.
New 6"x6" Timber Sign Post, Item 538-I Mod.
w/FB. w/Cl. Cover @ 2225+00

SB 2221+00 – 165' LT.
New 6"x6" Timber Sign Post, Item 538-I Mod.
w/FB. w/Cl. Cover @ 2225+00

SB 2221+00 – NB 2220+50 R

* Three Cable Guard Rail, Weak Steel Posts, Item 538
~~S.B. 2236+50-2243+54 Rt.~~
~~N.B. 2236+60-2245+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 583-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+00 325'

Fd MON

2238+00 150'

2244+10 150'

2246+64 72.7' 150'

SB POST 2247+00.00 = N 51°-51'-22" E 72°-00' Rt

SB POC. 2246+00.00

SB POST 2245+84.66

SB POC. 2247+50

GOLF GREEN # 3

WOODS

PASTURE

MEADOW

STREAM FOSS

BETHU

BARTON

2243+50 72.5'

2247+05 190'

N 35°-26'-40" W

N 53°-19'-48" W

N.B. POST 2244+85.30

N.B. POT 2240+00.00

N.B. POT 2236+25.95

SB POT 2233+65.58

REV. SB POT 2236+00.00

SB POT 2233+00.00

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

BM 207-B U.S. ELEV. EL. 912.57

CMP 2.00 U.S Elev 993.37

N.B. 2233+50-S.B. 2234+00 Lt. New 6"x40' Underdrain, Item 605-II Mod.

S.B. 2233+50 Lt. New 6"x40' Underdrain, Item 605-II Mod.

S.B. 2233+50 Rt. New 6"x40' Underdrain, Item 605-II Mod.

S.B. 2234+00-S.B. 2234+50 Lt. New 6"x50' Underdrain, Item 605-II Mod.

S.B. 2234+50-S.B. 2235+39 Lt. New 18"x46' C.M.P. Culvert, Item 520-II Mod.

S.B. 2235+50 Lt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

S.B. 2237+00 Lt.-N.B. 2237+50 Rt. New 6"x100' Pipe, Item 522-II Mod.

S.B. 2238+50 Lt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

S.B. 2239+50 Rt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

S.B. 2239+50-S.B. 2241+00 Lt. New 6"x150' Underdrain, Item 605-II Mod.

S.B. 2240+00 Lt. New 6"x50' Pipe, Item 522-II Mod.

S.B. 2241+00 Lt. New 6"x50' Pipe, Item 522-II Mod.

S.B. 2241+00-S.B. 2241+40 Lt. New 6"x40' Underdrain, Item 605-II Mod.

S.B. 2241+00 Lt. New 6"x50' Pipe, Item 522-II Mod.

S.B. 2242+00 Rt. Eliminated New 6"x50' Pipe, CMP 2.00 or CMPED Flood @ Courtesy

S.B. 2242+00 Lt. New 6"x50' Pipe, Item 522-II Mod.

S.B. 2242+00-S.B. 2242+40 Lt. New 6"x40' Underdrain, Item 605-II Mod.

S.B. 2242+40 Lt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

S.B. 2242+40-S.B. 2242+80 Lt. New 6"x40' Underdrain, Item 605-II Mod.

S.B. 2242+80 Lt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

S.B. 2243+00 Lt. New 6"x50' Pipe, Item 522-II Mod.

S.B. 2243+00-S.B. 2243+50 Lt. New 6"x50' Underdrain, Item 605-II Mod.

S.B. 2243+50-S.B. 2249+00 Lt. New 6"x50' Underdrain, Item 605-II Mod.

S.B. 2244+00-S.B. 2249+00 Lt. New 6"x50' Underdrain, Item 605-II Mod.

S.B. 2244+00 Lt. New 6"x50' Pipe, Item 522-II Mod.

S.B. 2245+00 Lt. New 6"x50' Pipe, Item 522-II Mod.

S.B. 2246+50 Lt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

S.B. 2247+00 Lt. New 6"x50' Pipe, Item 522-II Mod.

S.B. 2247+48.5 Lt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

S.B. 2247+00-S.B. 2248+00 Lt. New 6"x100' R.C.P., Class III

N.B. 2238+50-N.B. 2239+00 Lt. New 6"x40' Underdrain

N.B. 2239+00 Lt.-N.B. 2239+50 Rt. New 6"x100' Pipe, Item 522-II Mod. w/ F.& T. & Coupling Bands @ 2239+25

N.B. 2239+25 Lt. New 18"x40' C.M.P. Culvert w/ M.F.E. Coupling Bands @ All Joints

N.B. 2239+50 Rt. New 18"x40' C.M.P. Culvert w/ M.F.E. Coupling Bands @ All Joints

N.B. 2239+50-N.B. 2240+00 Rt. New 18"x40' C.M.P. Elbow & 2 Coupling Bands @ All Joints

N.B. 2240+00 Rt. New 18"x40' C.M.P. Elbow & 2 Coupling Bands @ All Joints

N.B. 2240+00-N.B. 2240+40 Rt. New 6"x100' Pipe, Item 522-II Mod. w/ F.& T. & Coupling Bands @ All Joints

N.B. 2240+40-N.B. 2241+00 Rt. New 6"x100' Pipe, Item 522-II Mod. w/ F.& T. & Coupling Bands @ All Joints

N.B. 2241+00-N.B. 2241+50 Rt. New 6"x100' Pipe, Item 522-II Mod. w/ F.& T. & Coupling Bands @ All Joints

N.B. 2241+50-N.B. 2242+00 Rt. New 6"x100' Pipe, Item 522-II Mod. w/ F.& T. & Coupling Bands @ All Joints

N.B. 2242+00 Rt. New 18"x40' C.M.P. Elbow & 2 Coupling Bands @ All Joints

N.B. 2242+00-N.B. 2242+40 Rt. New 6"x100' Pipe, Item 522-II Mod. w/ F.& T. & Coupling Bands @ All Joints

N.B. 2242+40 Rt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

N.B. 2242+40-N.B. 2242+80 Rt. New 6"x100' Pipe, Item 522-II Mod. w/ F.& T. & Coupling Bands @ All Joints

N.B. 2242+80 Rt. New 18"x40' C.M.P. Culvert, Item 520-II Mod.

N.B. 2243+00-N.B. 2243+50 Rt. New 6"x50' Underdrain, Item 605-II Mod. w/ F.& w/ Cl. Cover @ 2243+50

N.B. 2243+50-N.B. 2249+00 Lt. New 6"x50' Underdrain, Item 605-II Mod. w/ F.& w/ Cl. Cover @ 2243+50

N.B. 2244+00-N.B. 2249+00 Lt. New 6"x50' Underdrain, Item 605-II Mod. w/ F.& w/ Cl. Cover @ 2243+50

N.B. 2246+50 Lt. New 18"x40' R.C.P. Class III

N.B. 2246+50 Rt. New 18"x40' R.C.P. Class III

N.B. 2247+00 Lt.-N.B. 2247+50 Lt. New 18"x40' R.C.P. Class III

N.B. 2247+00 Lt.-N.B. 2248+00 Lt. New 18"x40' R.C.P. Class III

N.B. 2248+00 Lt. New 6"x40' R.C.P. Class III

Ditch Line for Fill, Sheet # of

Stone Ditch

STAGE 2 CONSTRUCTION

PLAN SCALE 0 50 100 100 FEET

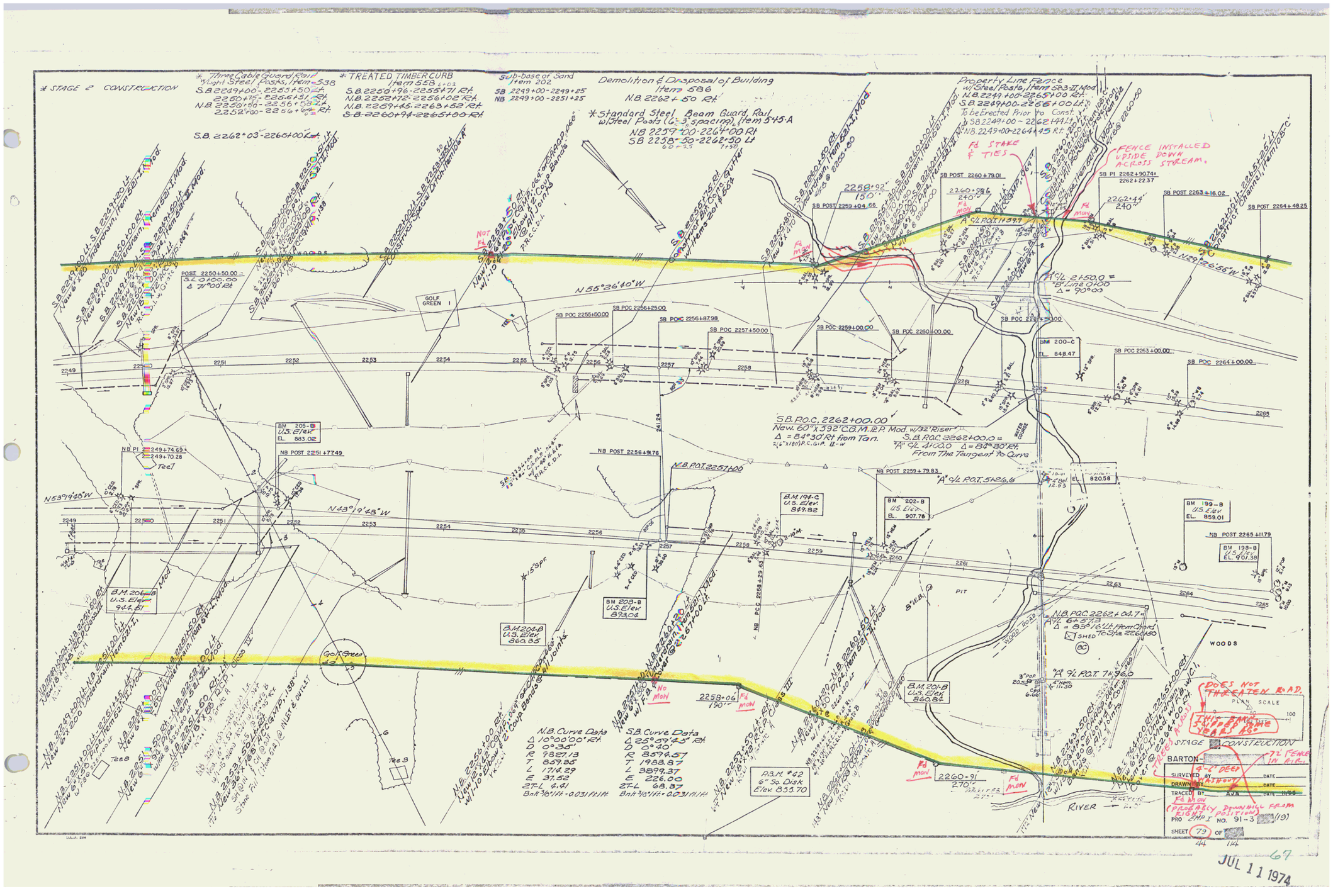
SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
TRACED BY AJA DATE 11/65

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

42 114

66

JUL 11 1974


* STAGE 2 CONSTRUCTION
* 3 Rope 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 Lt.
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 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. - S.B. 2249+20 Lt. New 6'x20' Underdrain, Item 621-I, Mod
S.B. 2249+00 - 2250+00 Rt. New 6"x100' UM Underdrain, Item 621-II, Mod
S.B. 2249+20 - 2250+50 Lt. New 6"x130' UM Underdrain, Item 621-II, Mod
S.B. 2250+00 - 2250+50 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2250+50 - 2251+00 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2250+50 - 2251+00 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2250+50 - 2251+50 Lt. New 6"x100' UM Underdrain, Item 621-II, Mod
S.B. 2251+00 - 2251+50 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2251+00 - S.B. 2258+50 Lt. Construct Special Ditch, Item 605-A
S.B. 2251+50 - 2252+00 Rt. New 36"x76' RCP, Class III
S.B. 2252+00 - 2253+00 Rt. New 36"x152' RCP, Class III
S.B. 2252+00 - 2253+00 Lt. New 6"x100' UM Underdrain, Item 621-II, Mod
S.B. 2252+50 - 2253+00 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2253+00 - 2253+50 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2253+00 - 2253+50 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2253+50 - 2254+00 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2253+50 - 2254+00 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2254+00 - 2255+00 Lt. New 6"x100' UM Underdrain, Item 621-II, Mod
S.B. 2254+00 - 2255+00 Rt. New 6"x100' UM Underdrain, Item 621-II, Mod
S.B. 2255+00 - 2255+50 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2255+00 - 2255+50 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2255+50 - 2256+00 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2255+50 - 2256+00 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
S.B. 2256+00 - 2260+50 Lt. Construct Special Ditch, Item 605-A
S.B. 2256+00 - 2260+50 Rt. Construct Special Ditch, Item 605-A
S.B. 2256+00 - 2260+50 Lt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2256+00 - 2260+50 Rt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2256+00 - 2260+50 Lt. Construct Special Ditch, Item 605-A
S.B. 2256+00 - 2260+50 Rt. Construct Special Ditch, Item 605-A
S.B. 2256+00 - 2260+50 Lt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2256+00 - 2260+50 Rt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2260+50 - 2265+00 Lt. Construct Special Ditch, Item 605-A
S.B. 2260+50 - 2265+00 Rt. Construct Special Ditch, Item 605-A
S.B. 2260+50 - 2265+00 Lt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2260+50 - 2265+00 Rt. Underdrain, Item 621-II, Mod @ 2260'-00
N.B. 2249+00 Lt. - N.B. 2249+20 Lt. New 6"x20' UM Underdrain, Item 621-II, Mod
N.B. 2249+00 - 2250+00 Rt. New 6"x100' UM Underdrain, Item 621-II, Mod
N.B. 2249+20 - 2250+50 Lt. New 6"x130' UM Underdrain, Item 621-II, Mod
N.B. 2250+00 - 2250+50 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2250+50 - 2251+00 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2250+50 - 2251+00 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2250+50 - 2251+50 Lt. New 6"x100' UM Underdrain, Item 621-II, Mod
N.B. 2251+00 - 2251+50 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2251+50 - 2252+00 Rt. New 36"x68' RCP, Class III
N.B. 2252+00 - 2253+00 Rt. New 36"x152' RCP, Class III
N.B. 2252+00 - 2253+00 Lt. New 6"x100' UM Underdrain, Item 621-II, Mod
N.B. 2252+50 - 2253+00 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2253+00 - 2253+50 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2253+00 - 2253+50 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2253+50 - 2254+00 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2253+50 - 2254+00 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2254+00 - 2255+00 Lt. New 6"x100' UM Underdrain, Item 621-II, Mod
N.B. 2254+00 - 2255+00 Rt. New 6"x100' UM Underdrain, Item 621-II, Mod
N.B. 2255+00 - 2255+50 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2255+00 - 2255+50 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2255+50 - 2256+00 Lt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2255+50 - 2256+00 Rt. New 6"x50' UM Underdrain, Item 621-II, Mod
N.B. 2256+00 - 2260+50 Lt. Construct Special Ditch, Item 605-A
N.B. 2256+00 - 2260+50 Rt. Construct Special Ditch, Item 605-A
N.B. 2256+00 - 2260+50 Lt. Underdrain, Item 621-II, Mod @ 2260'-00
N.B. 2256+00 - 2260+50 Rt. Underdrain, Item 621-II, Mod @ 2260'-00
N.B. 2260+50 - 2265+00 Lt. Construct Special Ditch, Item 605-A
N.B. 2260+50 - 2265+00 Rt. Construct Special Ditch, Item 605-A
N.B. 2260+50 - 2265+00 Lt. Underdrain, Item 621-II, Mod @ 2260'-00
N.B. 2260+50 - 2265+00 Rt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2255+75 Rt. Construct Triangular Ditch, Item 605-A
S.B. 2256+00 - 2260+50 Rt. Construct Special Ditch, Item 605-A
S.B. 2256+00 - 2260+50 Rt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2256+00 - 2260+50 Lt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2256+00 - 2260+50 Lt. Construct Special Ditch, Item 605-A
S.B. 2256+00 - 2260+50 Rt. Construct Special Ditch, Item 605-A
S.B. 2256+00 - 2260+50 Lt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2256+00 - 2260+50 Rt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2260+50 - 2265+00 Lt. Construct Special Ditch, Item 605-A
S.B. 2260+50 - 2265+00 Rt. Construct Special Ditch, Item 605-A
S.B. 2260+50 - 2265+00 Lt. Underdrain, Item 621-II, Mod @ 2260'-00
S.B. 2260+50 - 2265+00 Rt. Underdrain, Item 621-II, Mod @ 2260'-00
N.B. 2256+00 Rt. New 18"x42' CMP, w/1:10 Elbow & 2 Coop Bands @ Inlet
N.B. 2256+42 - 2256+92 Rt. New 18"x50' CMP, w/1:10 Elbow & 2 Coop Bands @ Inlet
N.B. 2259+50 Lt. New 18"x42' CMP, w/1:10 Elbow & 2 Coop Bands @ Inlet
N.B. 2259+50 - 2260+00 Rt. New 18"x50' CMP, w/1:10 Elbow & 2 Coop Bands @ Inlet
N.B. 2260+00 - N.B. 2260+50 Rt. New 6"x50' CPEP, Item 621-II, Mod
N.B. 2260+50 - 2261+00 Rt. New 6"x50' CPEP, Item 621-II, Mod
N.B. 2261+00 - 2261+50 Rt. New 6"x50' CPEP, Item 621-II, Mod
N.B. 2261+50 - 2262+00 Rt. New 6"x50' CPEP, Item 621-II, Mod
N.B. 2262+00 - 2262+50 Rt. New 6"x50' CPEP, Item 621-II, Mod
N.B. 2262+50 - 2263+00 Rt. New 6"x50' CPEP, Item 621-II, Mod
N.B. 2263+00 - 2263+50 Rt. New 6"x50' CPEP, Item 621-II, Mod
N.B. 2263+50 - 2264+00 Rt. New 6"x50' CPEP, Item 621-II, Mod
N.B. 2264+00 - 2265+00 Rt. New 6"x100' CPEP, Item 621-II, Mod
S.B. 2258+92 150'
S.B. 2259+04.66
S.B. POC 2255+50.00
S.B. POC 2256+25.00
S.B. POC 2256+87.98
S.B. POC 2257+50.00
S.B. POC 2259+00.00
S.B. POC 2260+00.00
S.B. POC 2261+50.00
S.B. POC 2263+00.00
S.B. POC 2264+00.00
S.B. POST 2260+79.01
2260+98.6 240'
S.B. PI 2262+90.74 = 2262+22.37
2262+44 240'
S.B. POST 2263+16.02
S.B. POST 2264+48.25
2262+40 Lt. - 2265+00 Lt. Construct Triangular Ditch, Item 605-A
℄ S.B. POT. 11+39.9
℄ S.B. 21+50.0 = "B" Line 0+00 Δ = 90°00
N 29°26'55" W
N 55°26'40" W
POST 2250+50.00 = 3L 0+00.00 Δ 71°00' Rt.
GOLF GREEN 1
S.B. P.O.C. 2262+00.00
New 60" x 392' C.G.M. I.P. Mod. w/32' Riser
Δ = 84°30' Rt. from Tan.
S.B. POC 2262+00.0 = "A" ℄ 4+00.0 Δ = 84°30' Lt. From The Tangent To Curve
N.B. POT. 2257+00
N.B. POST 2256+97.6
NB POST 2259+79.83
"A" ℄ P.O.T. 5+26.6
NB POST 2251+77.49
NB PI = 249+74.69 = 249+70.28 Tee
N 53°19'45" W
N 43°19'48" W
BM 205-B U.S. Elev. EL. 883.02
BM 206-B U.S. Elev. 944.51
BM 204-B U.S. Elev. 860.35
BM 208-B U.S. Elev. 879.04
BM 194-C U.S. Elev. 849.82
BM 202-B U.S. Elev. EL. 907.78
BM 200-C EL. 848.47
BM 199-B U.S. Elev. EL. 859.01
BM 198-B U.S. Elev. EL. 901.38
BM 201-B U.S. Elev. 860.84
NB POST 2265+11.79
N.B. POC 2262+04.7 = 6+51.3 Δ = 83°16' Lt. From Chord To Sta. 2264+50
"A" ℄ P.O.T. 7+96.6
Golf Green #1
Golf Green #2
2258+06 190'
2260-91 270'
R.R.M. #62 6" Sq. Disk Elev. 855.70
N.B. Curve Data
Δ 10°00'00" Rt.
D 0°34'
R 9827.13
T 859.35
L 1714.29
E 37.52
2T-L 6.41
Bak 3%/1+.0031 Ft/Ft
S.B. Curve Data
Δ 25°29'43" Rt.
D 0°40'
R 8594.57
T 1988.87
L 3899.37
E 226.00
2T-L 68.37
Bak 3%/1+.0031 Ft/Ft
WOODS
PIT
RIVER
SHED
DOES NOT THREATEN R.R.
THIS BANK ERODED THE YEARS AGO
PLAN SCALE
STAGE CONSTRUCTION
BARTON-
4'-6" DEEP
72" FENCE IN AIR
SURVEYED BY
DRAWN BY
TRACED BY AVR
Fd MON (PARALLEL DOWNHILL FROM RIGHT POSITION)
PRO 2MP-I NO. 91-3 (19)
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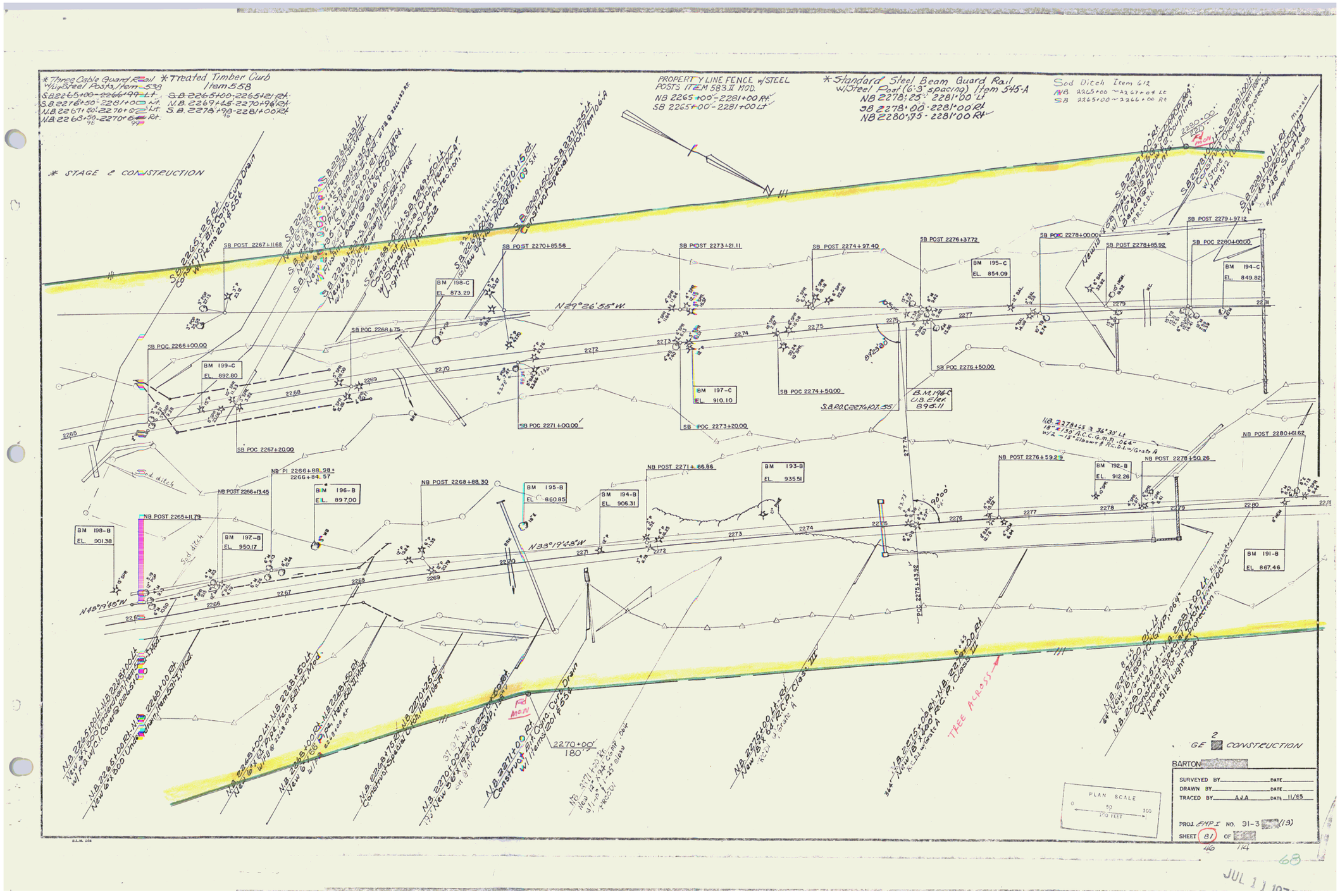
* Three Cable Guard Rail w/Wide Flange Steel Posts, Item 538
SB 2265+00 - 2266+99 Lt.
SB 2276+50 - 2281+00 Lt.
NB 2267+50 - 2270+05 Lt.
NB 2268+50 - 2270+65 Rt.
* Treated Timber Curb Item 558
SB 2265+00 - 2265+21 Rt.
NB 2269+45 - 2270+96 Rt.
SB 2278+98 - 2281+00 Rt.
PROPERTY LINE FENCE w/STEEL POSTS 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
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 2279+97.12
SB POC 2266+00.00
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 POST 2278+65.92
SB POC 2280+00.00
BM 198-C EL. 873.29
BM 199-C EL. 892.80
BM 195-C EL. 854.09
BM 194-C EL. 849.82
BM 197-C EL. 910.10
B.M. 196-C U.S. Elev. 895.11
S.B. POC 2276+07.55
NB PI 2266+88.98 = 2266+84.57
NB POST 2265+11.79
NB POST 2266+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 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 198-B EL. 901.38
BM 197-B EL. 950.17
BM 191-B EL. 867.46
N 29°26'55" W
N 33°19'48" W
N 43°19'45" W
2270+00' 180'
Sod ditch
TREE ACROSS
PLAN SCALE 0 50 100 100 FEET
BARTON
SURVEYED BY ____ DATE ____
DRAWN BY ____ DATE ____
TRACED BY AJA DATE 11/65
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* Treated Timber Curb Item 558
S.B. 2281+00 - 2283+57.4 Rt.
N.B. 2281+29 - 2283+16 Rt.
S.B. 2290+96 - 2293+79.81 Rt.
N.B. 2290+77 - 2298+96 Rt.

* Three Cable Guard Rail w/Light Steel Posts. Item 538
SB 2281+00 - 2286+74 Lt
SB 2289+50 - 2294+94 Lt
SB 2290+50 - 2294+50 Rt.
SB 2294+67 - 2295+28 Lt

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
SB 2281+00 - 2285+53 Rt.
NB 2290+00 - 2293+00 Lt
NB 2290+00 - 2293+00 Rt
NB 2291+12 - 2293+10 Lt
NB 2289+55 - 2293+10 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

SB 2281+00 Lt. - SB 2284+57.4 Lt. Construct Item 538 Channel, Item 558 C.T. Fill Slope Protection (Light Type)

SB 2281+50 Lt. w/Item 538 Cable & Couplings @ Alignment

NB 2281+29 - NB 2283+16 Construct Item 558 C.T. w/Stone Fill Slope Protection Item 512 (Light Type)

SB 2285+45 @ 83°51'00" Rt. 3'-9" x 4'-6" C.M.P. w/12" C.M.P. Flume

SB 2285+75 Lt. Construct Item 538 Cable Guard Rail w/Stone Fill Slope Protection Item 512 (Light Type)

SB 2286+50 Lt. - NB 2287+20 Construct Item 558 C.T. w/Stone Fill Slope Protection Item 512 (Light Type)

SB 2288+50 Lt. - SB 2290+50 Lt. New 16" x 80' R.C.P. Item 501-II, Mod. w/I.F.B. @ 2290+50

SB 2289+00 Lt. - SB 2290+50 Lt. Construct Item 538 Cable Guard Rail w/Steel Posts @ Alignment

SB 2289+75 Lt. - SB 2294+50 Lt. Construct Item 558 C.T. w/Stone Fill Slope Protection Item 512 (Light Type)

SB 2290+50 Lt. - SB 2294+50 Lt. 170' Pipe Underdrain, Item 601-II, Mod. w/I.F.B. @ 2294+50

SB 2294+30 Lt. - 2293+43 Rt. 18" x 80' R.C.S.G.M.P. 2-2/3" x 1/2" Cor. Plate w/Item 501-II, Mod. w/I.F.B. @ 2294+30

SB 2294+50 Lt. - SB 2297+00 Rt. New 16" x 80' R.C.P. Item 501-II, Mod. w/I.F.B. @ 2294+50

SB 2294+00 Lt. - SB 2297+00 Rt. 200' Pipe Underdrain, Item 601-II, Mod.

SB 2297+00 Lt. - SB 2297+00 Rt. 200' Underdrain, Item 601-II, Mod.

B.M. 198-A El. 846.87

B.M. 199-A El. 885.41

B.M. #43 Disk in Curb 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

N29°26'55"W

NB PI 2284+03.27 = 2283+98.86

NB POST 2280+61.62

NB POST 2288+59.00

NB POST 2290+15.70

NB POST 2293+92.32

N3°19'48"W

N23°19'48"W

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 204M El. 893.[illegible]

BM 184-B El. 881.16

BM 183-B El. 886.33

BM 191-B El. 867.46

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% Fft. @ 031 Ft

Approx. P/L N. Perron 250 Acres ±

STAGE 2 CONSTRUCTION

BARTON

PLAN SCALE 0 50 100 1.0 FEET

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

PROJ. EMP I NO. 91-3[illegible](19)
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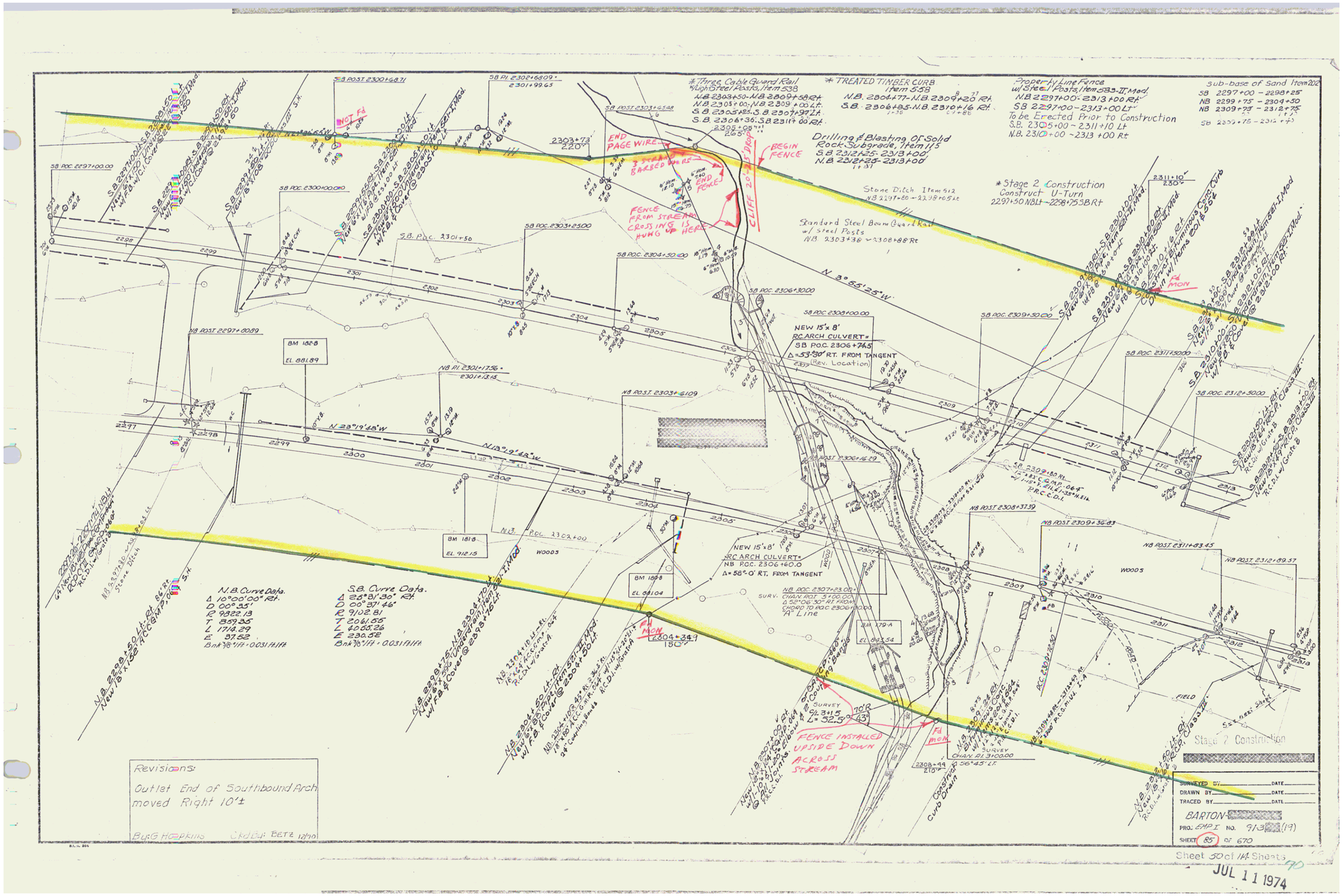

SB POST 2300+68.71
SB PI 2302+68.09 = 2301+99.65
SB POST 2303+65.48
SB POC 2297+00.00
SB POC 2300+00.00
SB POC 2303+25.00
SB POC 2304+50.00
SB POC 2306+30.00
SB POC 2308+00.00
SB POC 2309+50.00
SB POC 2311+50.00
SB POC 2312+30.00
S.B. P.O.C. 2301+50
NB POST 2297+80.89
NB PI 2301+17.56 = 2301+13.15
NB 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+60 ~ 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 23°19'48" W
N 13°19'48" W
N.B. Curve Data.
Δ 10°00'00" Rt.
D 00°09'55"
R 9822.13
T 859.35
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
N.B. 2298+50 Lt. - Rt. 96 Rt. New 15"x 22" RCCMP, 7 Ga. w/ F.S. & Cover @ 2298+42 Lt
N.B. 2299+50 Lt. - Rt. 96 Rt. New 15"x 22" RCCMP, 7 Ga. w/ F.S. & Cover @ 2299+42 Lt
N.B. 2304+50 Lt. - Rt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2304+50 Lt
N.B. 2307+00 Lt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2307+00 Lt
N.B. 2307+50 Lt. New 18" RCCP, 16 Ga. w/ F.S. & Cover @ 2307+50 Lt
N.B. 2308+75 Lt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2308+75 Lt
N.B. 2309+50 Lt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2309+50 Lt
N.B. 2310+00 Lt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2310+00 Lt
N.B. 2310+10 Lt. - Rt. 250' New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2310+10 Lt
S.B. 2304+50 Lt. - Rt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2304+50 Lt
S.B. 2305+00 Lt. - Rt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2305+00 Lt
S.B. 2309+80 Rt. New 18" RCCP, 16 Ga. w/ F.S. & Cover @ 2309+80 Rt
S.B. 2310+00 Lt. - Rt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2310+00 Lt
S.B. 2311+00 Lt. - Rt. New 6'x 4' RCBC, 7 Ga. w/ F.S. & Cover @ 2311+00 Lt
S.B. 2312+50 Lt. - Rt. New 18" RCCP, 16 Ga. w/ F.S. & Cover @ 2312+50 Lt
N.B. 2307+00 Lt. New 18" RCCP, 16 Ga. w/ F.S. & Cover @ 2307+00 Lt
FENCE INSTALLED UPSIDE DOWN ACROSS STREAM
Fd mon
Fd MON
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. 913(19)
SHEET 85 OF 670
Sheet 50 of 1A Sheets
JUL 11 1974

Demolition & Disposal of Buildings Item 526 SB 2318+00 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 2328'66 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. S.B 2334+50 ~ 2335+00 Rt. 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 2318+50 ~ 2319+50 Rt.

Drilling & Blasting of Solid Rock, Item 114 S.B 2320+75 ~ 2329+50 Drilling & Blasting of Solid Rock Subgrade, Item 115 S.B 2318+00 - 2320+75 N.B 2318+00 - 2318+85

* Standard Steel Beam Guard Rail w/ Steel Posts Item 545A (6'-3" spacing)

Property Line Fence w/ Steel Posts, Item 607 N.B 2318+00 - 2323+50 Rt. To be constructed prior to Construction N.P. 2313+85 ~ 2314+00 Rt. N.P. 2317+85 ~ 2317+00 Rt. N.B. 2318+00 ~ 2320+00 Rt.

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

Frontage Road

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

T.B.M. 187-B 941.08

B.M. 209-A ELEV. 931.02

B.M. 210-A ELEV. 880.07

B.M. 211-A ELEV. 844.70

B.M. 212-A ELEV. 809.18

B.M. 213-A ELEV. 815.44

Trav. P.I. 271+88.25 Δ 47°08'60" Lt.

Trav. P.I. 274+06.63 Δ 28°10'30" Lt.

Trav. P.I. 23+87.70 Δ 66°43'30" Rt.

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

SB POST 2313+82.71

NB POST 2317+34.34

NB POST 2318+63.42 = 2318+28.03

NB POST 2319+63.65 Δ 01°34'00" Rt.

SB POST 2330+62.96

SB POST 2333+21.23 Δ 53°03' Rt.

N.B. Curve Data Δ 10°57'15" Rt. D 00°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.)

Woods, Pasture, Barricade, Town Highway 33, Ditch, Fence

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
N.B. 2334+00 ~ 2338+00 Rt.

Property Line Fence w/Steel Posts, Item 633 SBB-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%/A. = 0.042 ft/ft A.

P.B.M. #33
Disk in Bolder
Elev. 771.31

P.C. 22+84.65

N 3°55'25" W

N 02°22'33" W

2330

SB PT. 2327+19.03
NB PT. 2327+20.11
Ep - 341.21

NB PT. 2327+69.97
NB PT. 2331+82.13
Ep - 669.16

SB PT. 2339+29.48

SB PT. 2339+15.09

BM 214-A
ELEV. 774.31

meadow

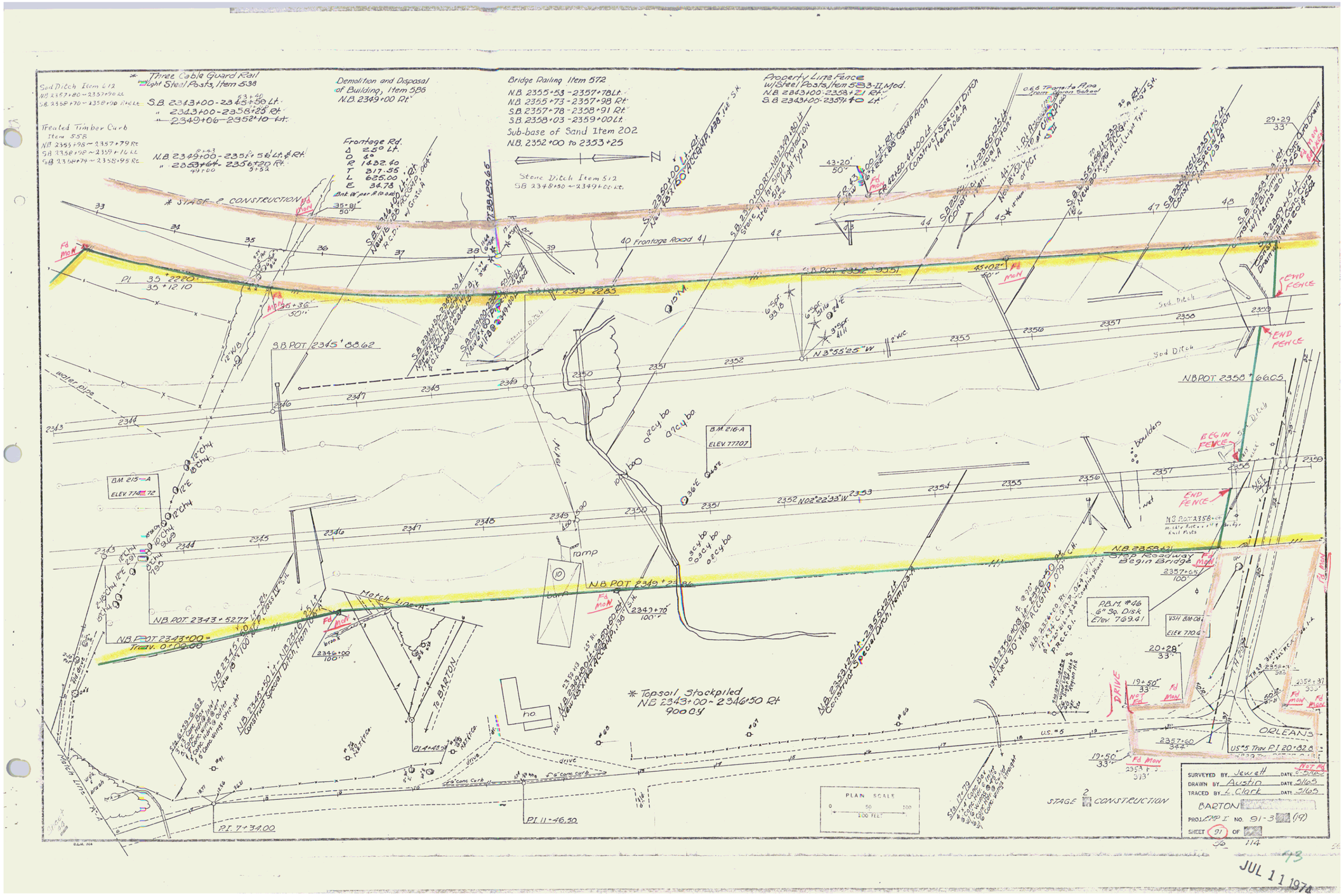
existing Water Pipes

PLAN SCALE
0 50 100
100 FEET

STAGE 2 CONSTRUCTION

SURVEYED BY Ed Mon DATE
DRAWN BY DATE
TRACED BY DATE
BARTON - [redacted]
PROJ. EMP I NO. 91-3(11)(19)
SHEET 89 OF [redacted]
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.
S.B. 2313+00 - 2345+50 Lt.
" 2313+00 - 2356+25 Rt.
" 2349+06 - 2352+10 Lt.
Treated Timber Curb
Item 556
N.B. 2355+98 ~ 2357+79 Rt.
S.B. 2358+98 ~ 2359+16 Lt.
S.B. 2358+74 ~ 2358+95 Rt.
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.
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.
Frontage Rd.
Δ 2.5° Lt.
D 4°
R 1432.40
T 31.55
L 625.00
E 34.78
Property Line Fence w/Steel Posts, Item 583-II Mod.
N.B. 2343+00 - 2358+21 Rt.
S.B. 2343+00 - 2357+10 Lt.
* STAGE 2 CONSTRUCTION
PI 35+22.80
35+12.10
N.B. POT 2345+88.62
S.B. POT 2352+93.51
S.B. POT 2349+22.83
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
N3°55'25"W
N02°22'33"W
Match Line A-A
To BARTON
ramp
Frontage Road
Stone Ditch
Sod Ditch
Water Pipe
BEGIN FENCE
END FENCE
BEGIN Bridge
Stop Roadway
Begin Bridge
P.B.M. #46
6" Sq. Disk
Elev. 709.41
B.M. 216-A
ELEV 77707
B.M. 215-A
ELEV 774.72
VSH BM-08
ELEV 770.4
* Topsoil Stockpiled
N.B. 2343+00 ~ 2346+50 Lt.
900 cy
PI 7+34.00
PI 11+46.50
PLAN SCALE
0 50 100
100 FEET
STAGE 2 CONSTRUCTION
ORLEANS
US #5 Trav PI 20+82.8
SURVEYED BY Jewett DATE 5-5-65
DRAWN BY Austin DATE 5/6/65
TRACED BY L. Clark DATE 5/6/65
BARTON
PROJECT NO. 91-3 (19)
SHEET 91 OF 114
JUL 11 1978

Two Cable Guard Rail, Item 5(11)
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 82.91
Bank 4½" per ft.

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

Std. Rt. 15'-250' C.M.K.C.P. Obst.

Not Fd

Fd MON

T.P. 33

Fr Rd Pl 12+90.62, 11+98.98

23.14
23.72
92.99

barn

1½ s.f. ho

Fd ½" I. pipe

90°E

24°E

20° N 12° 38' W

MATCH LINE – 6 x 130 P.C.S.m. Std. 1-A

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

PLAN SCALE
0 50 100
100 FEET

PROFILE SCALE
HORIZ. 50 FEET
VERT. 10 FEET

990 980 970 960 950 940 930 920
920 910 900 890 880 870 860

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

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

P.V.I. 20+30 300' V.C. Elev. 874.50

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

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

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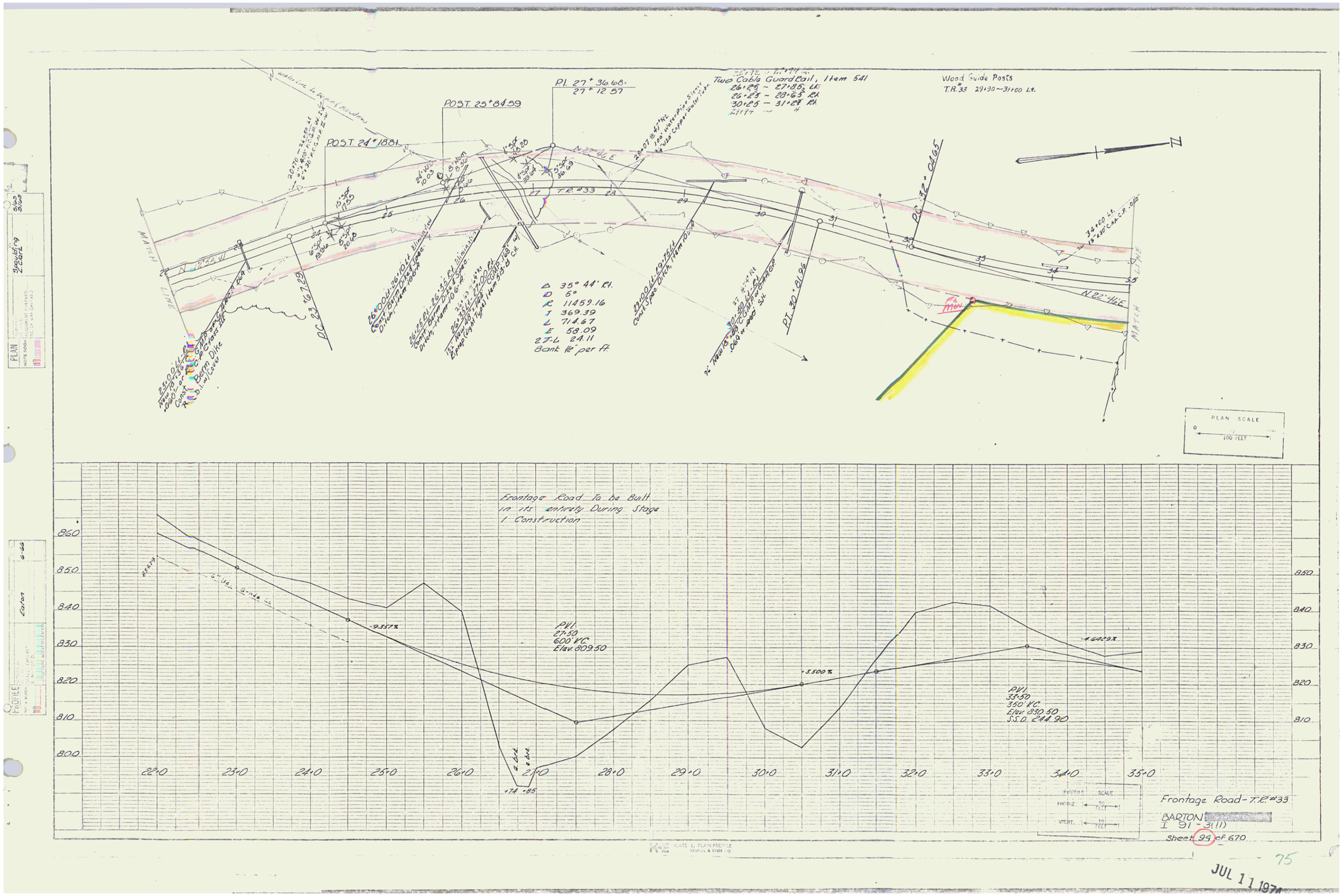
JUL 11 1974


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+25 RT.
Wood Guide Posts
T.R. 33 29+30 ~ 31+00 Lt.
N 22°46' E
P.C. 32+04.65
P.I. 30+61.96
34+60 Lt.
15"x20' C.M.C.P. Culv.
MATCH LINE
T.R. #33
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
-9.33%
+3.50%
-1.64%
+1.74
-.85
PROFILE SCALE
HORIZ. 50 FEET
VERT. 10 FEET
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 ~ +41+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.T. 39+29.45

Fd Mon

Coast Spec. Ditch, Item 606.4

0.65 Transite Pipe from Union School

4" Solid Yellow Thermoplastic Markings 6" Solid White Thermoplastic Markings Cross Hatch 60° or 45° Type II

45+56 ~ 48+74 Lt.
@ 2'-3" P.C.'s on 16" & 24" Reflectorized Bars

48+35 Lt. @ 12°-33' Comp.

T.R. #33
49+41.63
End Construction

P.C. 29+14.53

Fd Mon
B.A. Rem

36° Rt.

N 02° 14' W

T.R. #33

P.I. 35+22.20
35+12.10

Fd Mon

Fd Mon

Fd Mon

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

T.R. #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

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. 798.96

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

PROFILE SCALE
HORIZ. 50 FEET
VERT. 10 FEET

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+39+87.09
TH 29 POT 31+26.37
Δ 71°26'30" Lt

NB POT 23+39+66.09
TH 29 POT 33+00.23
Δ 72°52'40" Lt

TH 29 POT 37+04.83
END CONSTRUCTION

Construct Drive
35+00 Rt

PLAN SCALE
0 50 100
100 FEET

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 24+80.00

TH 29 POT 30+09.99

Δ 10°32'26" Rt
D 5°30'
R 1041.74
T 96.13
L 191.64
E 4.43
Bnk ½ per ft

TH 33+49+41.69
End Constr.

Parking Lot

PVI 22+50
250' VC
elev 818.20
SSD 291

PVI 29+00
300' VC
elev 841.00
SSD 325

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

PVI 36+50
100' VC
elev 728.80
SSD 176

-3.0000%
-5.30% Grad Ex
-12.0000%
-3.9000%
-3.00%
-1.39.37%

6" Under Drain

PROFILE SCALE
HORIZ. 50 FEET
VERT. 10 FEET

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 - 2363+48 Rt
" 2362+71 2363+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 683-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 - 2360+78 Lt.
S.B. 2360+58 - 2360+73 Rt.

Sub-base of Sand Item 202
SB. 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
30+27 T.A. 4.27
S.B. 2359+40 Stop Roadway Begin Bridge
2360+64 Rt 50' FD MON
S.B. POT. 2359+87.09
S.B. 2360+29 End Bridge Resume Roadway
BEGIN FENCE
END FENCE
BM 217-A ELEV. 790.69
TH #1
24"W
2359 2360 2361 2362 2363 2365 N 2°56'25" W 2366 2365 2369 2371 2372 2373
S.B. POT. 2367+09.17
S.B. 2366+50 Lt - 2367+50 Lt New 12" x 8" Pipe, Item 542-A, Mod. w/ FES
S.B. 2366+50 Lt - 2366+50 Rt New 12" RCP, Class III w/ FES
S.B. 2366+50 Lt - 2367+50 Lt Construct Channel, Item 206-A
S.B. 2367+50 Lt - 2368+50 Rt New 18" x 11" RCP, Class III w/ FES
S.B. 2368+00 - 2368+50 Lt New 18" RCP, Class III
S.B. 2368+00 - 2369+00 Rt New 18" x 11" RCP, Class III w/ FES
S.B. 2368+00 - 2369+00 Lt Construct Special Ditch, Item 206-A
S.B. POT. 2369+88.92
S.B. 2368+78 - 2369+30 Lt 18"x11" A.C.C.G.M.P. R.C.P.I. w/ Grate A
S.B. 2369+00 - 2370+00 Rt New 18" RCP, Class III
S.B. 2369+00 - 2370+00 Lt Construct Special Ditch, Item 206-A
S.B. 2370+00 - 2371+00 Lt New 18" RCP, Class III, Mod.
S.B. 2371+00 - 2372+00 Lt Construct Special Ditch, Item 206-A
S.B. 2372+00 - 2374+00 Lt New 24" x 14" Pipe, Item 542-A, Mod. w/ FES
S.B. 2372+00 - 2374+00 Lt Construct Underdrain, Item 605-A, Mod.
S.B. POT. 2374+22.44
S.B. 2374+00 - 2375+00 Lt Construct Special Ditch, Item 206-A
FD MON
BM 218-A ELEV. 76.800
BM 219-A ELEV. 824.00
BM 180-A ELEV. 838.94
N.B. 2373+10 - 2373+50 Lt New 18"x11" RCP, Class III w/ FES @ 2373+50 Lt
N.B. 2373+50 - 2375+00 Lt Construct Underdrain, Item 605-A, Mod. w/ FES @ 2375+00 Lt

FD MON
N.B. 2359+40 End Bridge Resume Roadway
2359+05 100' Rt
N.B. 2359+40 - 2360+75 Lt Construct Special Ditch, Item 206-A
FD MON 2362+00 150' Rt
N.B. 2360+60 - 2361+73 Lt New 18"x11" RCP, Class III w/ FES @ 2361+73 Lt
2364+70 73° Rt
N.B. 2364+60 Lt - 2365+00 Rt New 12"x8" Pipe, Item 542-A w/ FES
N.B. 2364+60 Lt - 2365+00 Rt Construct Ditch, Item 206-A
N.B. 2365+00 Rt - 2365+50 Rt New 12"x8" Pipe, Item 542-A w/ FES @ 2365+50 Rt
N.B. 2365+00 Rt - 2365+50 Rt Construct Ditch, Item 206-A
N.B. POT. 2364+00.17
N.B. 2366+60 Lt - Rt New 18"x11" RCP, Class III w/ FES @ 2366+60 Rt
N.B. 2368+55 Rt - N.B. 2368+90 Lt New 12"x8" Pipe, Item 542-A w/ FES @ 2368+90 Lt
N.B. 2369+90 - 2372+10 Lt New 18"x11" RCP, Class III w/ FES @ 2372+10 Lt
N.B. 2369+90 - 2372+10 Lt Construct Underdrain, Item 605-A, Mod. w/ F.E.S. @ 2372+10 Lt
N.B. POT. 2369 + 516.32
FD MON
2371+25 150' Rt
N.B. 2373+00 Lt - Rt Tar View Bridge Acc. Pt. Use 24" Coupling Bands @ all Joints, I-10 Eb Bridge R.C.D.I. w/ Grate A
N.B. POT. 2371 + 97.48
N.B. POT. 2374 + 39.32
N.B. 2373+10 - 2373+50 Lt New 18"x11" RCP, Class III w/ FES @ 2373+50 Lt
N.B. 2373+50 - 2375+00 Lt Construct Underdrain, Item 605-A, Mod. w/ FES @ 2375+00 Lt

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
FROJ. EMP. NO. 91 - 5 (19)
SHEET 97 OF
32 : 114

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JUL 11 1974

* TREATED TIMBER CURB
Item 5-SB
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 538
S.B. 2378+00 — 2386+96 Lt.
S.B. 2378+50 — 2390+60 Rt.
N.B. 2375+58 — 2390+54 Lt.

* STAGE 2 CONSTRUCTION

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

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

S.B. 2375+00 Lt. - 2375+75 Lt. Construct Special Ditch, Item 604-A

S.B. 2375+00 Lt. - 2377+00 Lt. New 18"x 20' R.C.P., Class III

2377+00 150' Rt. Fd Mon

S.B. POT. 2379+15 70.93

S.B. POT. 2381+50.00

S.B. POT. 2383+96.12

S.B. POT. 2386+75 Rt. New 24"x 40' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

S.B. 2386+75 Rt. - 2387+28.12 New 24"x 40' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

S.B. POT. 2387+28.12

S.B. 2387+50 Lt. - 2391+00 Lt. Construct Special Ditch, Item 604-A

S.B. 2390+50 Lt. - 2391+00 Lt. New 6"x 150' Underdrain, Item 605-A Mod.

S.B. 2390+50 Lt. - 2391+00 Lt. New 18"x 20' R.C.P., Class III

2391+00 Lt. 65' Lt. Fd Mon

BM 220-A ELEV. 794.13

BM 221-A ELEV. 778.01

BM 222-A ELEV. 771.30

BM 223-A ELEV. 794.42

BM 224-A ELEV. 790.39

BM 225-A ELEV. 810.91

BM 178-A Elev. 824.46

BM 179-A ELEV. 837.74

N.B. POT. 2383+39.01

N.B. 2380+00 Lt. New 18"x 20' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

N.B. 2380+00 Lt. - 2382+00 Lt. New 18"x 20' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

N.B. 2382+00 Lt. - 2384+00 Lt. New 18"x 20' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

N.B. 2384+00 Lt. - 2386+00 Lt. New 18"x 20' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

N.B. 2386+00 Lt. New 18"x 20' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

N.B. 2388+00 Lt. New 18"x 20' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

N.B. 2390+00 Lt. New 18"x 20' R.C.P., Class III w/ 2 Elbows 45° & 1 Elbow 11¼° R.C.D.H.

N.B. 2390+00 Lt. - 2391+00 Lt. New 6"x 150' Underdrain, Item 605-A Mod.

N.B. 2391+00 Rt. New 18"x 20' R.C.P., Class III

2388+00 216' Rt. Fd Mon

2377+09 30' Rt.

Present U.S. Rt. 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

S.B. 2391+00 Lt. & Rt. New 6"x6" Gd. Pipe, Item 534 (2)

N.B. 2391+00 Lt. New 18"x24" RCEP, Class III

N.B. 2391+25 Lt. New 24"x38" RCEP, Class III

S.B. 2391+50 Lt. New 18"x24" RCEP, Class III

S.B. 2391+50 Lt. New 18"x24" RCP, Class III w/Grate B

S.B. 2391+50 Lt. New 18"x24" RCP, Class III

S.B. 2391+50 Lt. New 18"x24" RCP, Class III w/Grate B

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+02 Lt.

* TREATED TIMBER CURB Item 558
S.B. 2418+00 - 2423+00 Rt.
N.B. 2413+50 - 2422+02 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. 172A
ELEV 896.13

B.M. 229-S
ELEV 918.91

N3°55'25"W

N02°22'33"W

N16°57'57"E

N19°53'20"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

2422+83
150'

2408+03
150' Lt.

S.B. 2407+00 Rt. 24ft-50 Lt.-Rt. New 18"x150' R.C.P. Class III

S.B. 2408+50 Lt.-Rt. New 18"x126' R.C.P. Class III

S.B. 2409+80 Lt.-Rt. New 6'x6' R.C.B.C. Under Main Line & Ramp A

S.B. 2411+00 Lt.-Rt. New 18"x126' R.C.P. Class III w/2 - 90° C.I. Cover @ 2409+80 Lt. & Rt.

S.B. 2411+50 Lt.-Rt. New 6'x6' R.C.B.C. Under Main Line & Ramp A

S.B. 2415+50 Lt.-Rt. New 18"x126' R.C.P. Class III w/2 Coupling Bands @ all Joints

S.B. 2418+50 Lt.-Rt. New 18"x126' R.C.P. Class III

S.B. 2420+00 Lt. Construct Special Ditch, Item 106-A

S.B. 2420+75 Rt. New 18"x126' R.C.P. Class III w/2 Coupling Bands @ all Joints

S.B. 2421+50 Rt. New 18"x126' R.C.P. Class III w/2 Coupling Bands @ all Joints

S.B. 2421+50 Lt. New 18"x145' R.C.C.M.P. 1.5 S.H.

N.B. 2406+00 Rt. New 18"x150' R.C.P. Class III w/2 - 90° C.I. Cover @ 2408+50 Rt. & Lt.

N.B. 2407+50 Rt. New 18"x126' R.C.P. Class III

N.B. 2407+50 Lt. New 6'x6' R.C.B.C. Under Main Line & Ramp A

N.B. 2411+00 Lt. Construct Special Ditch, Item 106-A

N.B. 2411+00 Lt.-Rt. New 6'x6' R.C.B.C. Under Main Line & Ramp A

N.B. 2411+50 Lt.-Rt. New 6'x6' R.C.B.C. Under Main Line & Ramp A

N.B. 2414+00 Lt.-Rt. New 18"x122' R.C.C.M.P. 1.5 S.H.

N.B. 2416+50 Lt. New 18"x126' R.C.P. Class III w/2 Coupling Bands @ all Joints

N.B. 2418+50 Lt. New 18"x126' R.C.P. Class III

N.B. 2419+35 Rt. New 18"x126' R.C.P. Class III w/2 Coupling Bands @ all Joints

N.B. 2420+50 Lt. New 48"x64' R.C.C.M.P. 1.5 S.H.

N.B. 2422+00 Lt. New 18"x145' R.C.C.M.P. 1.5 S.H.

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

N.B.
Δ 19°20'30" Rt.
D 0°30'
R 11459.16
T 1952.72
L 3868.55
E 165.13
Bank 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. Stark 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

S.B. 2423+50 Rt
New 18"x24" CMP, 90° or CMPA, 60° Coupling Bands @ All Joints
w/1-10° Elbow & 2 Coupling Bands @ All Joints
R.C.D.I.

S.B. 2423+75 - 2437+00 Lt
R.C.D.I. w/Grate A

BM 170
ELEV. 916.93

S.B. 2427+00 Rt - S.B. 2439+00 Rt
New 18"x24" RCP, Class III
R.C.D.I. w/Grate A

S.B. 2428+26.38
Begin 600' Taper

S.B. 2430+00 Lt - Rt
New 18"x24" RCP, Class III
R.C.D.I. w/Grate B

S.B. 2430+00 Rt - S.B. 2438+00 Rt
300' New 18"x24" RCP, Class III
R.C.D.I. w/Grate A

S.B. 2433+00 Lt - Rt
New 18"x24" RCP, 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"x24" RCP, Class III

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

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

Rev. NB PT. 243/43.57 23 = SB PT. 2435+90.12 Eq. = 454.89

Rev. NB PT. 243/43.57 23 = SB PT. 2435+90.12 Eq. = 454.89

SB PT. 2434+90.12 = NB PT. 2435+43.23 Eq. = 453.93

NB 2422+25 Lt - 2423+50 Lt
Construct Spade Ditch, Item 605-A

NB 2423+50 - 2437+00 Lt
6"x 350' P.C.S.M.U.

NB 2427+00 Lt - Rt
New 18"x24" RCP, Class III
R.C.D.I. w/Grate A

NB 2427+00 Rt - NB 2436+00 Rt
300' New 18"x24" RCP, Class III
R.C.D.I. w/Grate A

NB 2430+00 Lt - Rt
New 18"x24" RCP, Class III
R.C.D.I. w/Grate A

NB 2430+00 - 2438+00 Rt
New 18"x24" RCP, Class III
R.C.D.I. w/Grate B

NB 2438+00 Lt - Rt
New 18"x24" RCP, Class III
R.C.D.I. w/Grate B

NB 2437+00 - 2438+44 Rt
18"x24" RCP, Cl. III
R.C.D.I. w/Grate B

Fd Mon 2437+49 147' Rt

NB 2438+00
END PROJECT I 91-3(15) | BEGIN PROJECT 191-3(20)

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-A 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	2,765.76 feet	=	0.724 miles
Length of Bridges	200.40 feet	=	0.038 miles
Length of Project	4,166.16 feet	=	0.762 miles
ADT	1980	2000	
ADT	1987	1300	
DHV	1987	780	
D	55.0%		
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 ending; then continuing northerly 0.515 mile.

Section II Beginning at a point on existing US Rte. 5 approximately 0.307 mile northerly of the Section III ending; then continuing northerly 0.515 mile.

Length of Roadway	3,771.72 feet	=	0.715 mile
Length of Project	3,775.72 feet	=	0.715 mile
Section I	3,067.72 feet	=	0.573 mile
Section II	708.00 feet	=	0.192 mile
SN 8 II Sheet 25.72	II		12
ADT	1986	710	1530
ADT	1987	1900	2420
DHV	1987	210	470
D		12%	60
T		7%	8%
V		50 MPH	

US 5 18+00-264+50

S 0310(1) & ST 0310(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.

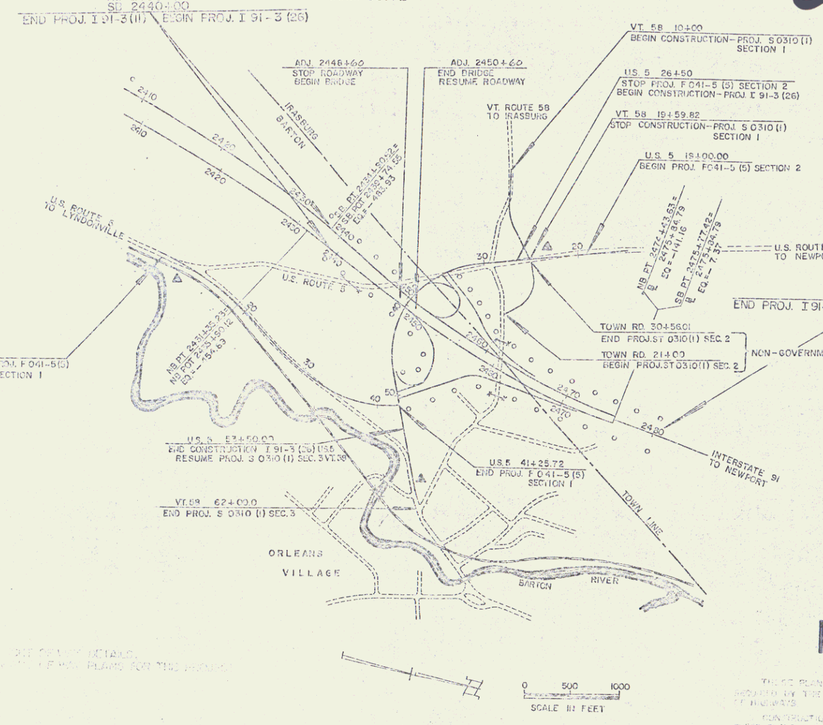
Length of Roadway	2,765.83 feet	=	0.524 mile
Length of Project	2,722.83 feet	=	0.516 mile
Section I	861.27 feet	=	0.163 mile
Section II	836.00 feet	=	0.158 mile
Section III	850.20 feet	=	0.161 mile
Vt. 58 10+00-184+50.82			
ADT	1650	1750	1850
ADT	1987	1850	2000
DHV	1987	240	260
D		60%	70%
T		7%	10%
V		40 MPH	

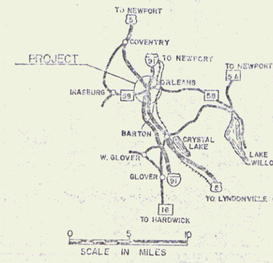
PAPER COPY
COPY OF ORIGINAL PLANS
PROPOSED IMPROVEMENT

INTERSTATE
FEDERAL
SECONDARY AND STATE
PROJECT

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

COMPOSITE





CONSTRUCTION PLANS

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POOR ORIGINAL COPY

Stage 1 Construction

THIS PLAN AND ANY PART THEREOF AS MAY BE REVISED BY THE FEDERAL HIGHWAY ADMINISTRATOR OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS

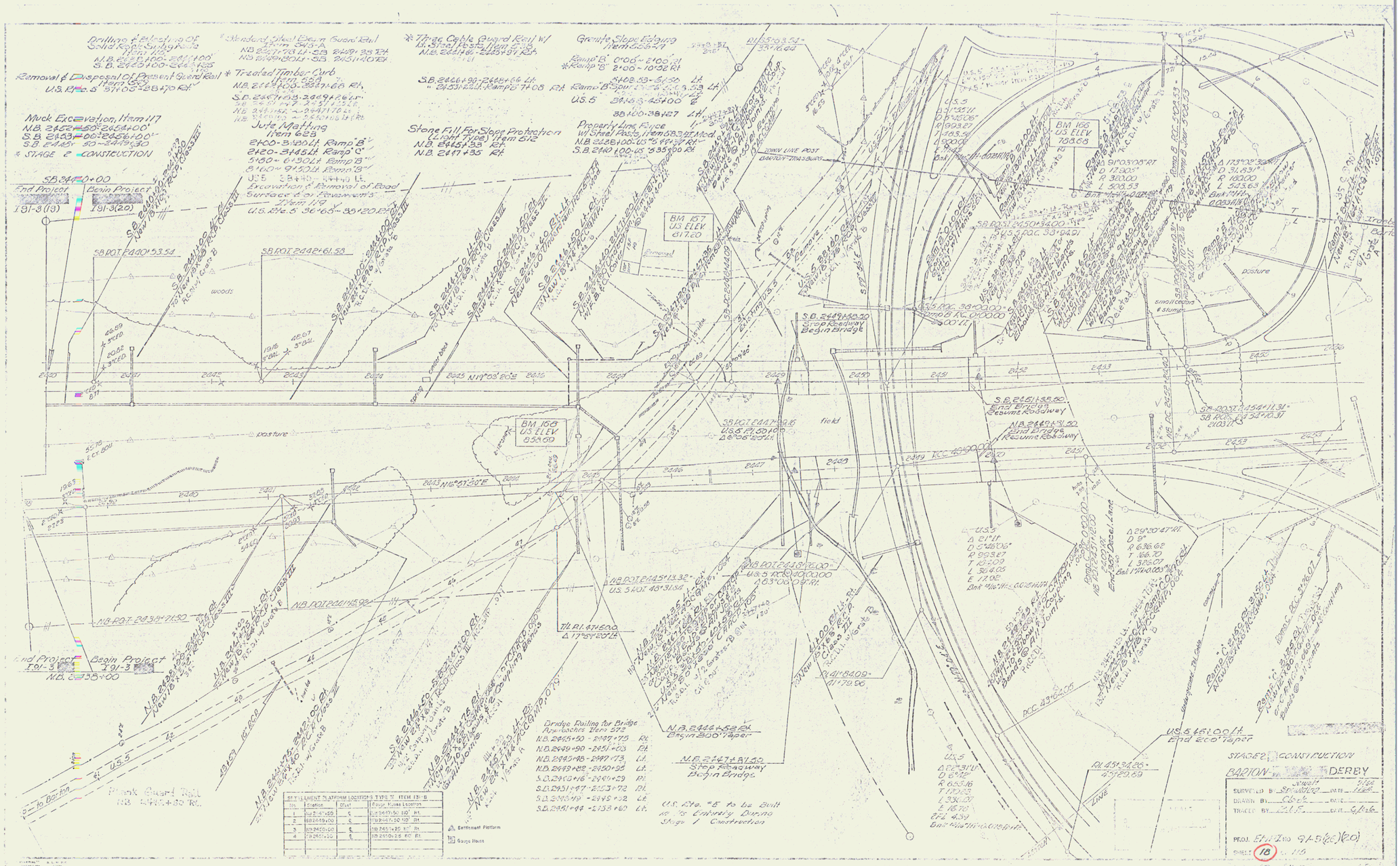
CONSTRUCTION TO BE IN CONFORMITY WITH THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS ON JUNE 25, 1963 AND THE SUPPLEMENTAL SPECIFICATIONS DATED JANUARY 1, 1968 AND ANY REVISIONS THEREOF IN EFFECT ON THE DATE OF THESE PLANS.

STATE OF VERMONT AGENCY OF TRANSPORTATION
BUREAU OF HIGHWAY DESIGN

F.D. Roush	R.E. Selby	Gene Bjorn	G. Wm. Lane	E.W. Dickey	R.H. Arnold
7/1/68	7/1/68	7/1/68	7/1/68	7/1/68	7/1/68

1 I 91-3 (26)
COMPOSITE
1 89

83



POOR ORIGINAL COPY

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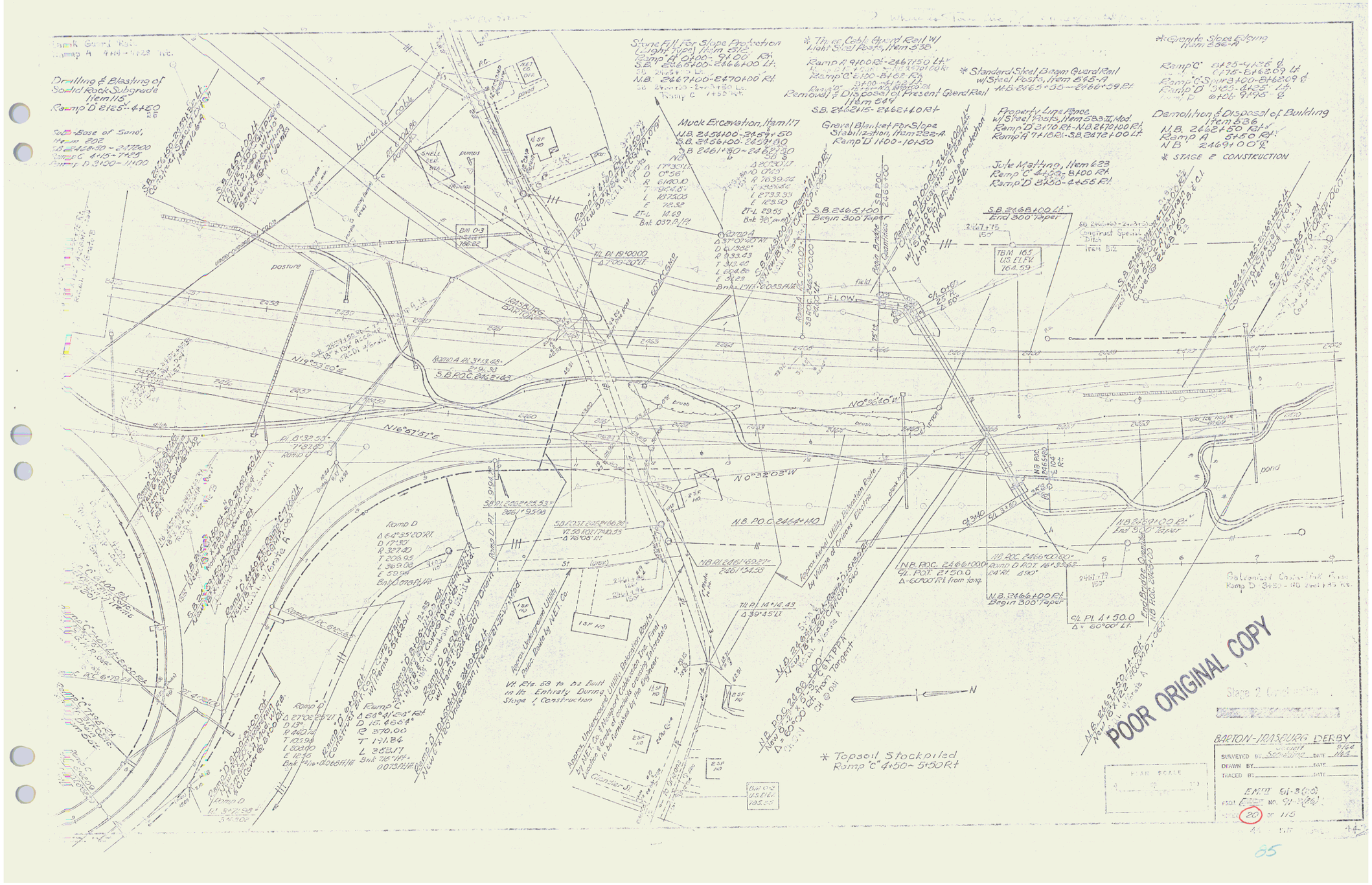
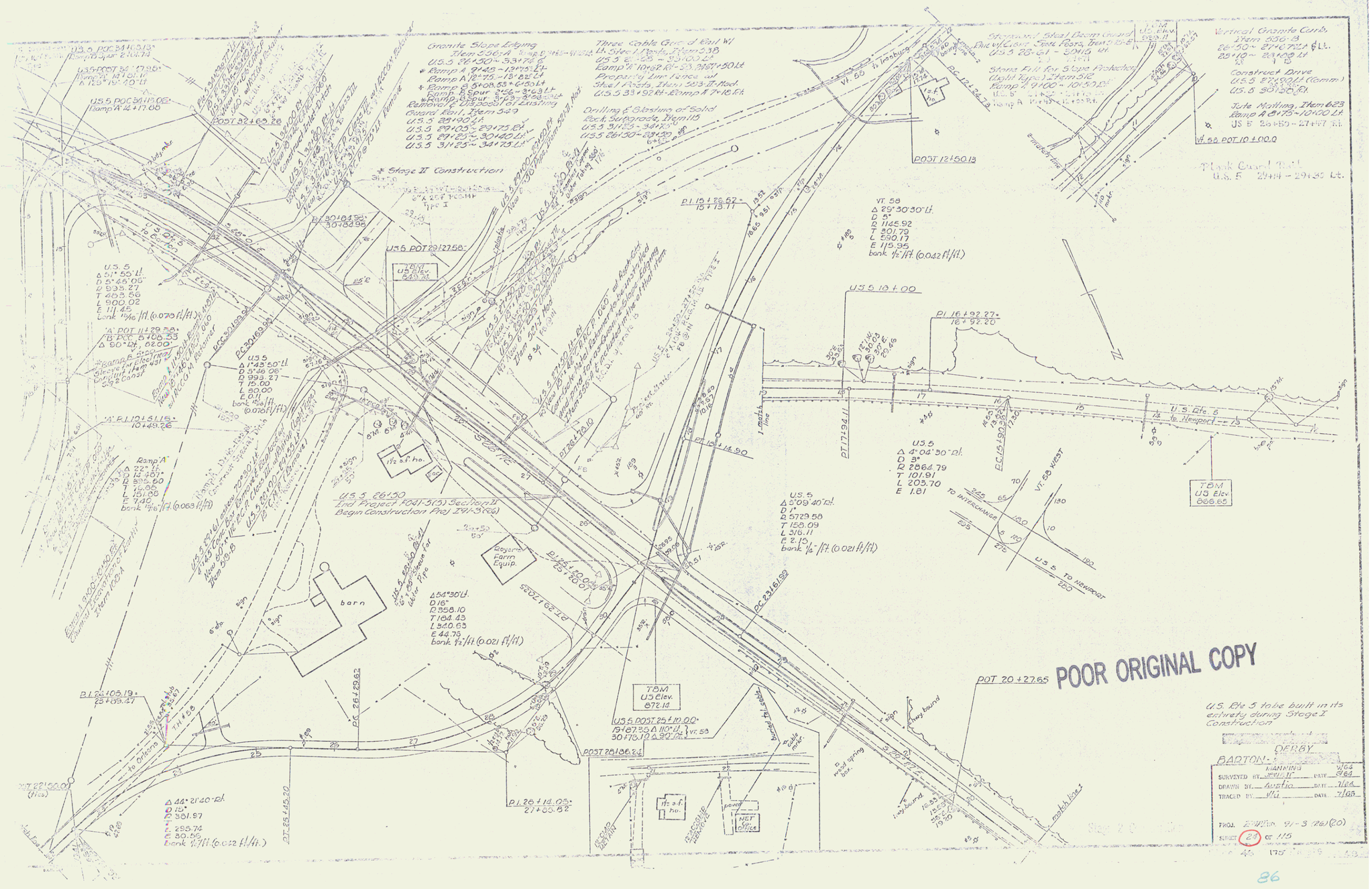

Drilling & Blasting of Solid Rock Subgrade Item 115
Ramp D 2+25 - 4+20
SB Base of Sand, Item 202
SB 2468+50 - 2477+00
Ramp C 4+25 - 7+25
Ramp D 9+00 - 11+00
Stone Fill for Slope Protection (Light Type) Item 512
Ramp A 9+00 - 11+00 Rt.
S.B. 2465+00 - 2466+00 Lt.
N.B. 2467+00 - 2470+00 Rt.
Muck Excavation, 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
* Three Cable Guard Rail W/ Light Steel Posts, Item 538
Ramp A 9+00 Rt. - 2467+50 Lt.
Ramp C 2+00 - 2+62 Rt.
Ramp D 9+00 - 8+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 5+25 - 4+25 Lt.
C 1+75 - 2+62.69 Lt.
Ramp C Spur 3+00 - 3+62.09 Rt.
Ramp D 9+25 - 4+25 Lt.
Ramp D 6+06 - 9+96 Rt.
Demolition & Disposal of Building Item 536
N.B. 2462+50 Rt.
Ramp A 9+50 Rt.
N.B. 2469+00 Lt.
* STAGE 2 CONSTRUCTION
Property Line Fence w/ Steel Posts, Item 543 B.III, Mod
Ramp D 3+10 Rt. - N.B. 2470+00 Rt.
Ramp A 7+18 Rt. - S.B. 2472+00 Lt.
Jute Matting, Item 623
Ramp C 4+25 - 8+00 Rt.
Ramp D 8+50 - 4+55 Rt.
S.B. 2468+00 Lt. End 300' Taper
S.B. 2465+00 Begin 300' Taper
TBM 165 U.S. El'v. 164.59
Ramp A Δ 37°07'40" Rt. D 4°13'08" R 1359.43 T 463.60 L 864.66 E 39.29 Bnk. 1.1% - 0.089 Rt.
Ramp A Δ 7°09'20" Lt.
Ramp A Δ 64°35'20" Rt. D 17°30' R 327.40 T 206.95 L 369.00 E 50.98 Bnk. 0.068 Rt.
Ramp C Δ 54°41'24" Rt. D 15.4884° R 370.06 T 191.24 L 353.17 Bnk. 7.61% - 0.073 Rt.
Ramp D Δ 27°02'25" Lt. D 13° R 440.14 T 103.98 L 200.10 E 12.16 Bnk. 1.1% - 0.068 Rt.
Ramp D Δ 16°57'58" Rt. 314.50'
Ramp C Δ 39°56'54" Rt. 1431.50'
Ramp C Δ 39°56'54" Rt. 1431.50'
Ramp C Δ 39°56'54" Rt. 1431.50'
Ramp D Δ 64°35'20" Rt. D 17°30' R 327.40 T 206.95 L 369.00 E 50.98 Bnk. 0.068 Rt.
Ramp D Δ 16°57'58" Rt. 314.50'
Ramp C Δ 39°56'54" Rt. 1431.50'
Ramp C Δ 39°56'54" Rt. 1431.50'
Ramp C Δ 39°56'54" Rt. 1431


Granite Slope Edging Item 606-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
Steel Beam Guard Fence w/ Guard Posts, Item 543
Storm Fill for Slope Protection (Light Type) Item 512
Vertical Granite Curb, Item 606-B
Construct Drive
Jute Matting, Item 623
Plank Guard Rail
Ramp A
Ramp B
Ramp C
Ramp D
Ramp E
Ramp F
Ramp G
Ramp H
U.S. 5
VT. 58
VT. 58 WEST
TO INTERCHANGE
TO NEWPORT
TO ORLEANS
TO IRASBURG
Beyerle Farm Equip.
barn
TBM US Elev. 872.14
TBM US Elev. 866.65
POST 20+27.65
POST 28+86.24
POST 12+50.13
POST 32+65.26
POST 22+50.00
U.S. Rte. 5 to be built in its entirety during Stage I Construction
POOR ORIGINAL COPY
DERBY
BARTON
SURVEYED BY: MANNING 3/64
DRAWN BY: Austin 7/64
TRACED BY: WG 7/64
PROJ. F041(6) 91-3 (26)(20)
SHEET 27 OF 115
86

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 854-A
U.S. 5 45+00 - 49+36 Rt.
53+95 - 54+56 Rt.
* Ramp C Spur 8+62.09 - 10+28 * Ramp D 1+00 - 2+00 Lt.
Ramp C 11+00 - 12+23.31
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 - 31+00

Drilling and Blasting of Solid Rock Subgrade, Item 116

Excavation & Removal of Road Surfaces Under Pavements, Item 119
32+00 - 53+50 Rt.

Stone Fill For Slope Protection (Light Type), Item 601
U.S. 5 44+35 Lt.
U.S. 5 46+35 Lt.

Galvanized Chain Link Fence Rt. 5 51+00 - 53+50 Rt.

Ending Station for Item 406.25 at Ramp Terminals Stg 1 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

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BARTON-MALOW - DERBY

SURVEYED BY Jewett 9/94
DRAWN BY DATE
TRACED BY P.L.H. DATE 9/96

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

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

* STAGE 2 CONSTRUCTION

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+[illegible] Lt.

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

N

BM 163
US ELEV
741.68

BM 162
US ELEV
751.06

BM 164
US ELEV
756.94

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

S.B. POT 2479+98.62

POT 2482+00.00

pasture
field
pond
brush
Lapsrock Town Line
Treasure Island Rd.

POOR ORIGINAL COPY

Stage 2 Construction

PARTON DERBY
Jewett

SURVEYED BY Scandlen DATE 7/64
DRAWN BY DATE
TRACED BY DATE

PROJ. EMRT NO. 91-3(7)
91-3(8)
SHEET 22 OF 115

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