

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

TOWNS OF CASTLETON-IRA

COUNTY OF RUTLAND

U.S. ROUTE 4

FAIR HAVEN-RUTLAND ROAD

BEGINNING AT A POINT 3.197 MILES WESTERLY OF THE  
CASTLETON-IRA TOWN LINE AND EXTENDING EASTERLY  
TO ELY MILLS

LENGTH OF ROADWAY 1075.31 FEET = 3.186 MILES  
LENGTH OF PROJECT 1542.02 FEET = 0.451 MILES

LENGTH OF PROJECT IS 1542.02 FEET = 0.451 MILES

BEGIN MAINT. AGREE. AREA NO. 5  
STA.SA-3 21+50 11'LT. L=140'±

END MAINT. AGREE. AREA NO. 5  
BEGIN RELINQUISHMENT NO. 8  
STA.SA-3 21+50 150'LT. L=534'±

BEGIN RELINQUISHMENT NO. 9  
STA.SA-3 28+00 0' L=400'±

END RELINQUISHMENT NO. 8  
STA.TH.31 6+84 5'LT.

END RELINQUISHMENT NO. 9  
STA.SA-3 32+00 0'

STA 373+00  
MP 7.044

MP 10.603 STA 560+82

STA 556+93

TOWNS LINE

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Town of US4  
(To Be Returned To R.O.W. Division)

Pin # 99R209

Date: 01/01/1966

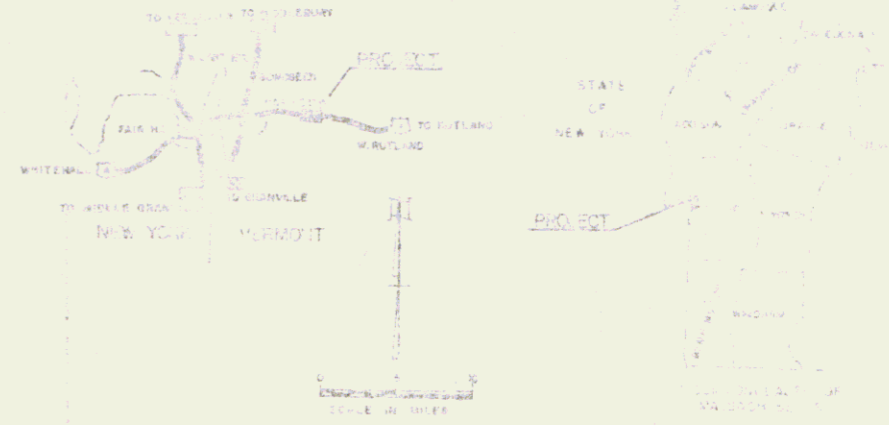
Project No. F 020-104

RTW 572-556+92

100  
M

M

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98.	Standard Drawing SCB-32-65 2/4/65 R
99.	Standard Drawing SCB-33-65 2/4/65 R
100.	Standard Drawing SCB-34-65 2/4/65 R
101.	Standard Drawing SCB-35-65 2/4/65 R
102.	Standard Drawing SCB-36-65 3/7/66 R
103.	Standard Drawing SCB-37-65 2/1/65 R
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276-278.	Cross Section-Ramp B-BC
279-280.	Cross Section-Ramp C
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**PROJECT NAME & NUMBER TYPE STAGE I**  
**CASTLETON-IRA AP 020-1(4) IMPROVING, GRADING & DRAINAGE**  
**RESERVE PLANS**

**SUBGRADE GRAD -** SHAWNEY PIT & JOHNSBURGH PIT - CASTLETON  
**SUBGRADE OF LAND -** PELLETIER PIT & DELAND PIT - CASTLETON, VT  
**SUBGRADE OF CARVED ROCK -** JACOBSON, INC. - WINDSOR, VT  
**PLANT MIXED GRADE -** CHASE & BOUTWELL CONTRACTORS  
**-** LINDBERG PLANT - FERRISBURGH, VT  
**CRUSHED STONE SANDWICHES -** VERMONT - FLORENCE, VT  
**TAR SANDS FROM NEW ENGLAND SANDS & CO., INC.**  
**-** HINGWOOD, MASS.  
**CONCRETE CURBS -** J.P. CARROLL & SONS - MIDDLEBURY, VT  
**JOINT SEALER -** PROTECT-A-JOINT - MIDDLEBURY, VT  
**JOINT SEALER -** PROTECT-A-JOINT - MIDDLEBURY, VT  
**METAL COULVERT PIPE -** NEW ENGLAND METAL COULVERT CO.  
**-** MIDDLEBURY, OHIO  
**REINFORCING STEEL -** FERTIGER STEEL CO. - BETHLEHEM, PA.  
**STRUCTURAL STEEL -** MERRILL CONTRACTORS - VERMONT  
**-** FERRISBURGH, VT  
**METAL COULVERT PIPE -** NEW ENGLAND METAL COULVERT CO.  
**-** MIDDLEBURY, OHIO  
**ASPHALTIC ASPHALT CONCRETE -** GELATYX CORP. - ANDOVER, MASS.  
**WATER REPELLENT -** KIDDY EQUIPMENT CO. - WHITE RIV. JCT., VT  
**DRIVE NAILS -** JAMES WELCH - MERRILL, VT  
**BRIDGE PAINT -** ANGLER'S PAINT CO. - MERRILL, VT  
**TREATED TIMBER PILING -** NEW ENGLAND PILE & WOOD  
**TREATING CO. -** MERRILL, VT  
**ISLAND RAIL, PILE & EROSION CONTROL IT'S -** S.Z.  
**WINDSOR PILE, INC. -** WINDSOR, VT

**CONTRACTOR -** MILLER CONSTRUCTION, INC. - WINDSOR, VT &  
**CALEWORTH SAW & GRAVEL CO., INC. -** ST. JOHNSBURY, VT  
**RESIDENT ENGINEER -** R. L. BROWN  
**INSPECTORS -** A. L. LIND, R. W. RAYLIS, R. JOHNSON, S. L. WATKINS,  
**W. B. BISHOP & R. J. STEVENS**  
**REC'D: P.A. 75 - R. W. W.**

**CONTRACT DATED -** MAY 4, 1962  
**STARTED -** MAY 10, 1962  
**COMPLETED -** JUNE 28, 1966  
**ACCEPTED -** JUNE 28, 1966

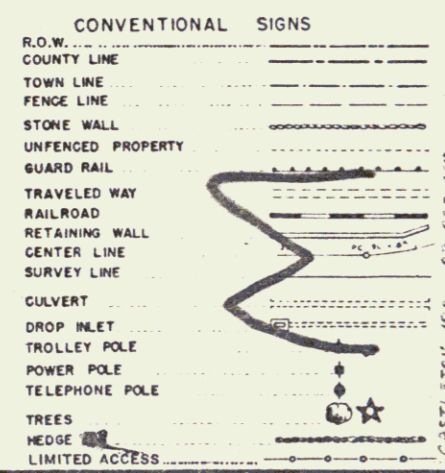
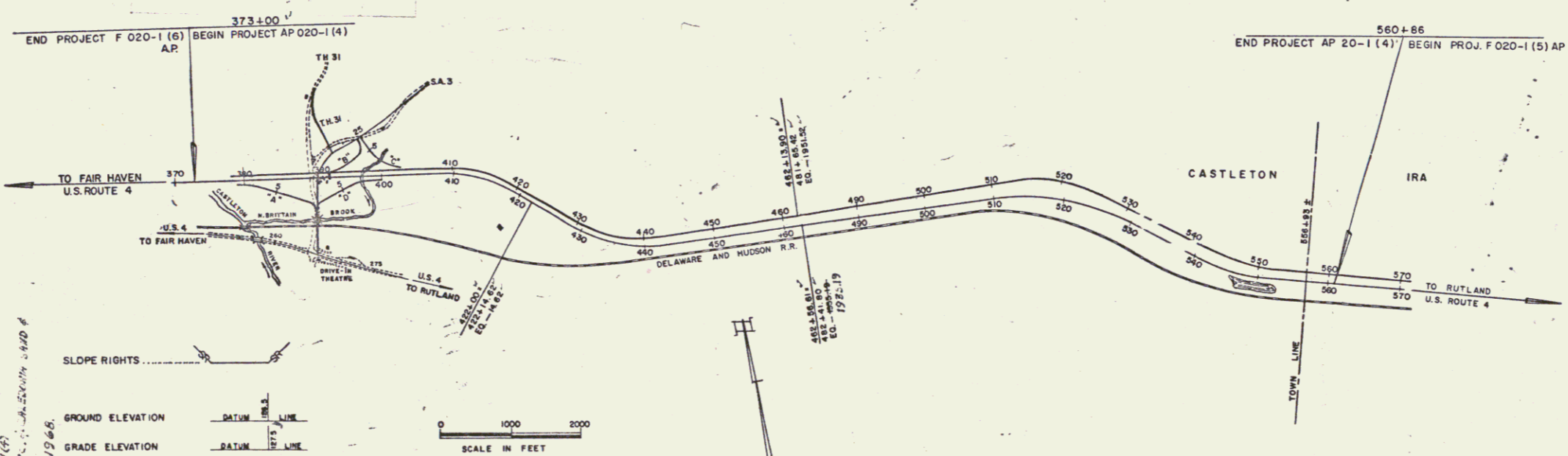
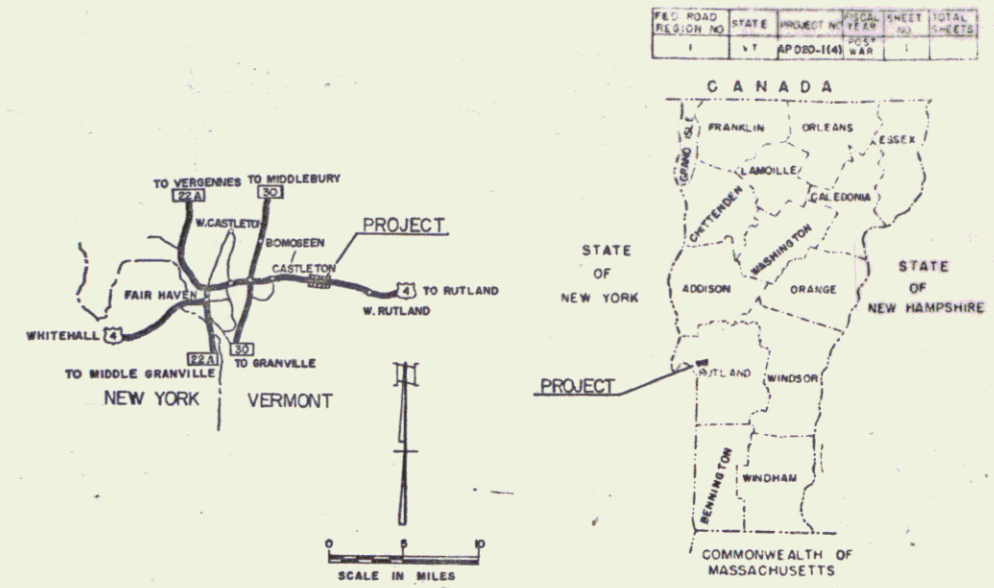
STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
**Proposed Improvement**  
**TOWNS OF CASTLETON-IRA**  
 COUNTY OF RUTLAND  
**U.S. ROUTE 4 L.A.**  
 FAIR HAVEN-RUTLAND ROAD

BEGINNING AT A POINT 3.107 MILES WESTERLY OF THE  
 CASTLETON-IRA TOWN LINE AND EXTENDING EASTERLY  
 3.183 MILES.

LENGTH OF ROADWAY 16,813.38 FEET = 3.183 MILES

LENGTH OF PROJECT 16,810.38 FEET = 3.183 MILES

1965 ADT	4300
1967 ADT	7680
1967 DHV	1030
1967 D	60
1967 T	7%
V	60 MPH



**SLOPE RIGHTS**

**GROUND ELEVATION** DATUM

**GRADE ELEVATION** DATUM

**CURVE DATA**

DEFLECTION OF ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P.I.
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT ON TANGENT	P.O.T.
POINT ON SUB-TANGENT	P.O.S.T.
CONSTRUCTION IDENTIFICATION SIGN	▲

FOR R.O.W. DETAILS, SEE R.O.W. PLANS FOR THIS PROJECT.

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE  
 REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER  
 OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH  
 THESE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE  
 CONSTRUCTION DATED APRIL, 1964, AS APPROVED BY THE BUREAU OF  
 PUBLIC ROADS ON OCTOBER 12, 1964, INCLUDING ALL SUBSEQUENT  
 APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL  
 PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

RIGHT-OF-WAY DIVISION  
 TOWN FILE  
 PERPETUAL  
 Town of: **US 4 L.A.**  
 (To Be Returned To R.O.W. Division)

APPROVED <i>E. H. Beckwith</i> DISTRICT ENGINEER DATE 5/21/66	APPROVED <i>R. L. Brown</i> RESIDENT ENGINEER DATE 5/21/66	APPROVED <i>J. B. Brown</i> DEPUTY ENGINEER DATE 6/1/66	APPROVED <i>J. A. Walker</i> DISTRICT ENGINEER DATE 5/21/66	APPROVED <i>L. M. Lewis</i> HIGHWAY ENGINEER DATE 5/21/66	APPROVED <i>R. H. Connel</i> SHEP, ENGINEER DATE 6/1/66
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**STAGE I CONSTRUCTION**

DEPARTMENT OF TRANSPORTATION  
 BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER DATE

PROJECT AP NO. 020-1(4) (11)

SHEET 1A OF SHEETS

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

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
1A	RIVERS, GUY G & ALIDA C.	7,8	375+64	399+91 BL	10.0A±			FEE COND	1-19-67	CASTLETON	52	32	HOUSE, BARN, HEN HOUSES MILK HOUSE, WELL
B		9	4+66	6+84 TH 31	0.12A±	17.6A±							
2	FAWCETTE, JOSEPH W & MILDRED E.	7,8,10	376+93 BL	397-30 BL	10.14A±	17.3A±		FEE COND	1-19-67	CASTLETON	52	32	HOUSE, BARN, GARAGE, WELL
		7	378+00 BL RT				DRAINAGE (P)						
		7	381+00 BL RT				DRAINAGE (P)						
		7	384+50 BL RT				DRAINAGE (P)						
		8	5+50 RAMP A, RT				DRAINAGE (P)						
		8	3+50 RAMP D, RT				DRAINAGE (P)						
		8	5+00 RAMP D, RT	397-30 BL RT			CHANNEL (P)						
		7,8,10	377+36 BL RT	11+05 SA 3 LT									Loss of Access (12.8 A±)
		8,10	11+38 SA 3 RT	397-30 BL RT									" " " (4.5 A±)
3	PELTIER, BERNARD A & GRACE	8	388+96 BL	14+12 SA 3	0.45A±	NONE		FEE WD	1-4-67	CASTLETON	52	31	HOUSE & GARAGE
4A	PELLETIER, EUGENE J & BEATRICE E.	8,9,11	389+85	415+05 BL	2A.0A±			FEE COND	1-19-67	CASTLETON	52	32	
		11	407+00 BL RT				DRAINAGE (P)						
		11	411+50 EB, RT				DRAINAGE (P)						
		11	414+80 EB, RT				DRAINAGE (P)						
		8	2+50	5+50 RAMP C, RT			CHANNEL (P)						
		8	397+30	400+00 BL, RT			CHANNEL (P)						
		8	5+50	6+50 RAMP C, RT			DRAINAGE (P)						
B		8,9	389+85 BL	6+84 TH 31	1.7A±								
C		9	28+00	32+00 SA 3	1.5A±								
D		7	373+00 BL	377+36 BL	2.4A±	53.4A±							Loss of Access (4.2 A±)
		11	405+43 BL RT	415+05 BL RT									
		8,9	1+18	2+71 TR 31			SLOPE (3397 S.F.) (T)						
		9	3+55	5+32 TR 31			SLOPE (1481 S.F.) (T)						
		9	28+00	31+00 SA 3			SLOPE (2743 S.F.) (T)						
		8,10	12+00	13+00 SA 3 LT			R.O.W.						ALL R.T. & I.

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1		Parcel #17, change in title, per change order #498	8-17-66	DE.	PL
2		Parcel #11, change in zoning per change order #460, due to sell-off of land.	9-2-66	bg	T.C.B.
3		Parcel #4A-D, Delete Loss of Access... (397+30 - 401+42 BL RT & 373+00 B.L. Lt. - 377+36 BL RT) Change Remainder to 53.4 A±; per Change Order # 543	12-7-66	def	PL
4		Parcel #6, Change in title, per Change Order # 549	12-16-66	def	LM 4/28

MADE BY: PL DATE: 5-25-66  
CHECKED BY: MGR DATE: 5-25-66

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

LEGEND  
SR SR SLOPE RIGHTS  
P P PROPERTY LINE  
Δ Δ TOP OF CUT  
O O TOE OF SLOPE

APPROVED: Thomas C. Penickley DATE: 6-1-66  
CHIEF OF ACQUISITION  
APPROVED: G.M. Lane DATE: 6-1-66  
HIGHWAY ENGINEER  
APPROVED: H.P. Koenig DATE: 6-1-66  
R.O.W. DIRECTOR

PROJECT: CASTLETON  
NO. APO20-1(4)  
SHEET: (2) OF 301

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

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	
5	NELSON SMITH & SON, INC.	11	401+42	405+48 BL	1.1 A <sup>2</sup>	3.45 A <sup>2</sup>		FEE COND	1-19-67	CASTLETON	52	32	ALL R.T. & I.	
		11	402+00 EB, RT				DRAINAGE (P)							
		11	408+40 EB, LT				SPRING & PIPE LINE							
6	CRAMTON, CYRUS E. Est. JANET SHELDON ADM	11,12	413+62 WB	425+93 BL	10.2 A <sup>2</sup>	280.6 A <sup>2</sup>		FEE COND	1-19-67	CASTLETON	52	32	ALL R.T. & I. Loss of Access (14.78 A <sup>2</sup> )	
		11	414+80 EB, RT				DRAINAGE (P)							
		12	420+00 EB, RT				DRAINAGE (P)							
		11	408+40 EB, LT				SPRING							
		11,12	413+62 WB LT	423+87 WB LT										
7	ANDERSON, HENRY O. & HELEN S.	12,13	423+87 WB	437+92 BL	12.2 A <sup>2</sup>	262.0 A <sup>2</sup>		FEE COND	1-19-67	CASTLETON	52	32	Loss of Access (70 A <sup>2</sup> )	
		12	430+00 EB, RT				DRAINAGE (P)							
		13	435+00 EB, RT				DRAINAGE (P)							
		12	426+12 EB, RT				DRAINAGE (P)							
		12,13	423+87 WB LT	436+78 WB LT										
8	HUNTER, ROSCOE C. & ELLEN L.	13,14	436+78 WB	454+75 WB	16.2 A <sup>2</sup>	399.2 A <sup>2</sup>		FEE WD	1-16-67	CASTLETON	52	32	Loss of Access (202.4 A <sup>2</sup> )	
		13,14	436+78 WB LT	454+75 WB LT										
9	DELAWARE & HUDSON RAILROAD CORP.	10	11+05	12+00 SA <sup>3</sup>	0.10 A <sup>2</sup>			FEE COND	1-19-67	CASTLETON	52	32		
		13	439+00 EB, RT				DRAINAGE (P)							
		13	442+00 EB, RT				DRAINAGE (P)							
		13	444+00 EB, RT				DRAINAGE (P)							
		14	447+00 EB, RT				DRAINAGE (P)							
		14	451+50 EB, RT				DRAINAGE (P)							
		14	455+50 EB, RT				DRAINAGE (P)							
		14	459+28 EB, RT				DRAINAGE & DITCHING (P)							
		15	461+00 EB, RT				DRAINAGE (P)							
		15	489+50 EB, RT				DRAINAGE & DITCHING (P)							
16	501+50 EB, RT				DRAINAGE & DITCHING (P)									

TABLE OF REVISIONS

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

MADE BY: PL DATE 5-25-66

CHECKED BY: MGR DATE 5-25-66

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

LEGEND  
 SR SR SLOPE RIGHTS  
 P L PROPERTY LINE  
 -Δ- Δ- Δ- TOP OF CUT  
 -O- O- O- TOE OF SLOPE

APPROVED: Thomas C. Bennett DATE 6-1-66  
 CHIEF OF ACQUISITION  
 APPROVED: G. M. Lane DATE 6-1-66  
 HIGHWAY ENGINEER  
 APPROVED: H. P. Redman DATE 6-1-66  
 R.O.W. DIRECTOR

PROJECT CASTLETON  
 NO. AP020-1 (A)  
 SHEET 22 OF 301

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

TABLE OF PROJECT PROPERTY ACQUISITION

TABLE OF REVISIONS

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	
9	(CONTINUED)	17	508+00 EB, RT				DRAINAGE (P)							
		17	512+50 EB, RT				DRAINAGE & DITCHING (P)							
		17	515+00 EB, RT				DRAINAGE & DITCHING (P)							
		17	521+10 EB, RT				DRAINAGE & DITCHING (P)							
		18	522+00 EB, RT				DRAINAGE (P)							
		18	534+50 EB, RT				DRAINAGE (P)							
		19	536+50 EB, RT				DRAINAGE (P)							
		19	537+25 EB, RT				DRAINAGE (P)							
		19	545+50 EB, RT				DRAINAGE (P)							
		20	551+00 EB, RT				DRAINAGE (P)							
		20	555+50 EB, RT				CULVERT & DRAINAGE (P)							
		16	496+12	498+10 BL, RT				SLOPE (7) (760' ±)						
		20	555+35	556+93 BL, RT				SLOPE (7) (635' ±)						
		10	JAMAC CORPORATION	14-16	455+09 BL	494+08 WB	19.2 A	363.8 A		FEE COND	1-19-67	CASTLETON	52	32
14-16	454+75 WB			494+08 WB										
11	DUDA, JOHN J. & MARJORY H.	15-17	494+36 BL	517+02 BL	23.7 A	229.3 A		FEE WD	1-14-67	CASTLETON	52	40	Loss of Access (215.4 A)	
		16, 17	494+08 WB	516+00 WB										
12	WOODBURY, CHARLES H. JR. & SADIE M.	17, 18	516+00 WB	527+20 BL	11.8 A	92.9 A		FEE COND	1-19-67	CASTLETON	52	32	R-O-W ALL R.T. & I. Loss of Access (50 A) " " " (4.5 A)	
		17-19	516+00	536+95 WB										
		17-19	516+00	536+95 WB										
13	TRAVERSE, ROBERT T. & IRENE B.	17, 18	516+00 WB	524+82 WB				FEE COND	1-19-67	CASTLETON	52	32	Loss of Access (148.8 A)	
		18, 19	524+82 WB	539+50 BL	16.1 A	302.4 A								
		18, 19	524+82 WB	536+95 WB										
14	BALCH, DEWEY H. & MARY B.	19	536+95 WB	545+10 BL	7.2 A	41.6 A		FEE COND	1-19-67	CASTLETON	52	32	Loss of Access (12.8 A)	
		19	536+95 WB	542+64 WB										

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

MADE BY: PL DATE: 5-25-66  
CHECKED BY: MGR DATE: 5-25-66

LEGEND

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

SR — SR — SLOPE RIGHTS  
 P — P — PROPERTY LINE  
 — Δ — Δ — Δ — TOP OF CUT  
 — O — O — O — TOE OF SLOPE

APPROVED: Thomas C. Bennett DATE: 6-1-66  
CHIEF OF ACQUISITION  
 APPROVED: G.M. Lane DATE: 6-1-66  
HIGHWAY ENGINEER  
 APPROVED: H.P. Robinson DATE: 6-1-66  
R.O.W. DIST. CL.

PROJECT: CASTLETON  
 NO. AP 020-1(4)  
 SHEET 23 OF 30

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

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
15	NORTH MEADOWS, INC.	19,20 19,20 20	542+64 WB 542+64 WB LT 556+93 WB	556+93 WB 556+93 WB LT 561+00 WB	12.5 A± 92.0 A±			FEE COND	1-19-67	CASTLETON	52	32	Loss of Access (45.4 A±) Loss of Access (IN I.R.A.) (15.0 A±)
16	TOWN OF CASTLETON	8-10 8	11+05 SA 3, LT 389+85	28+00 SA 3, RT 389+98 BL, LT			SA #3 TR #31	FEE COND	1-19-67	CASTLETON	52	32	ALL R.T. & I. ALL R.T. & I.
17	CARTER, LEE &	19,20	542+64 WB	580+86 WB, LT			R-O-W	FEE WD	3-16-67	CASTLETON	52	69	ALL R.T. & I. LOSS OF ACCESS (40. A±)
18	WOODBURY, CHARLES H. & FARLEY, ALICE E.	17-19 17-19	516+00 516+00	536+95 WB, LT 536+95 WB, LT			R-O-W	FEE WD	1-2-67	CASTLETON	52	45	ALL R.T. & I. LOSS OF ACCESS (30 A±)
19	NORTHROP, GERALD E. & HENRIETTA L. NORTHROP EST.	16,17 16,17	494+08 494+08	516+00 WB 516+00 WB			R-O-W	FEE COND	1-19-67	CASTLETON	52	32	ALL R.T. & I. LOSS OF ACCESS (50 A±)
20	BURKE, WILLIAM T. & THERESA B.	16,17 16,17	494+08 494+08	516+00 WB 516+00 WB			R-O-W	FEE WD	1-5-67	CASTLETON	52	34	ALL R.T. & I. LOSS OF ACCESS (60 A±)
21	WOODS, RAYMOND D.	16,17 16,17	494+08 494+08	516+00 WB 516+00 WB			R-O-W	FEE WD	1-19-67	CASTLETON	52	46	ALL R.T. & I. LOSS OF ACCESS (20. A±)

TABLE OF REVISIONS

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

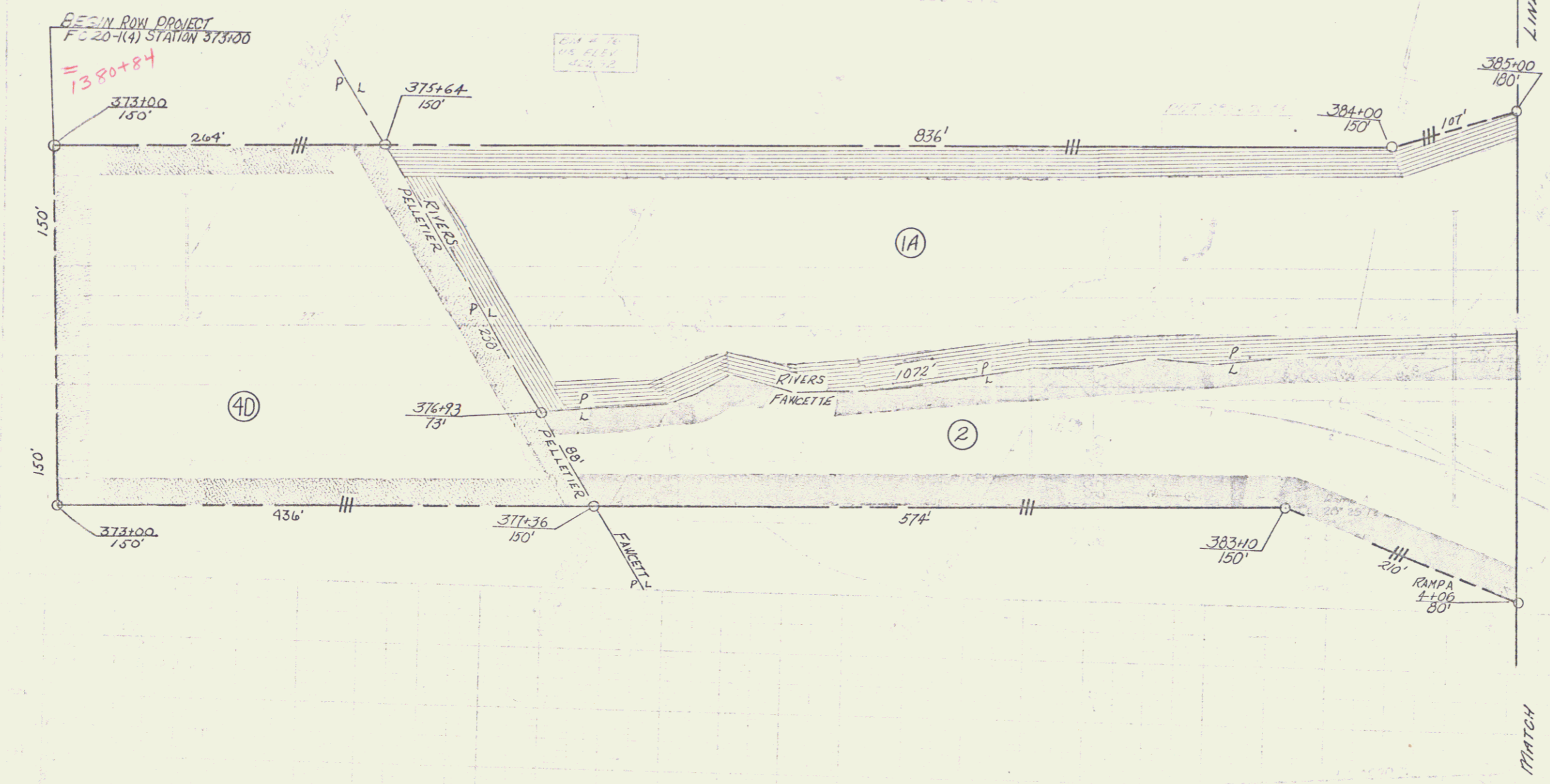
MADE BY: PL DATE 5-25-66  
CHECKED BY: MGR DATE 5-25-66

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

LEGEND  
 SR SR SLOPE RIGHTS  
 P L PROPERTY LINE  
 -Δ-Δ-Δ- TOP OF CUT  
 -○-○-○- TDE OF SLOPE

APPROVED: Thomas C. Kennedy DATE 6-1-66  
CHIEF OF ACQUISITION  
 APPROVED: G.M. Lane DATE 6-1-66  
HIGHWAY ENGINEER  
 APPROVED: H.P. Raegan DATE 6-1-66  
REGISTERED SURVEYOR

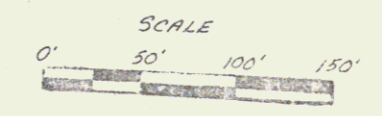
PROJECT CASTLETON  
 NO. AP 020-1(4)  
 SHEET 24 OF 30



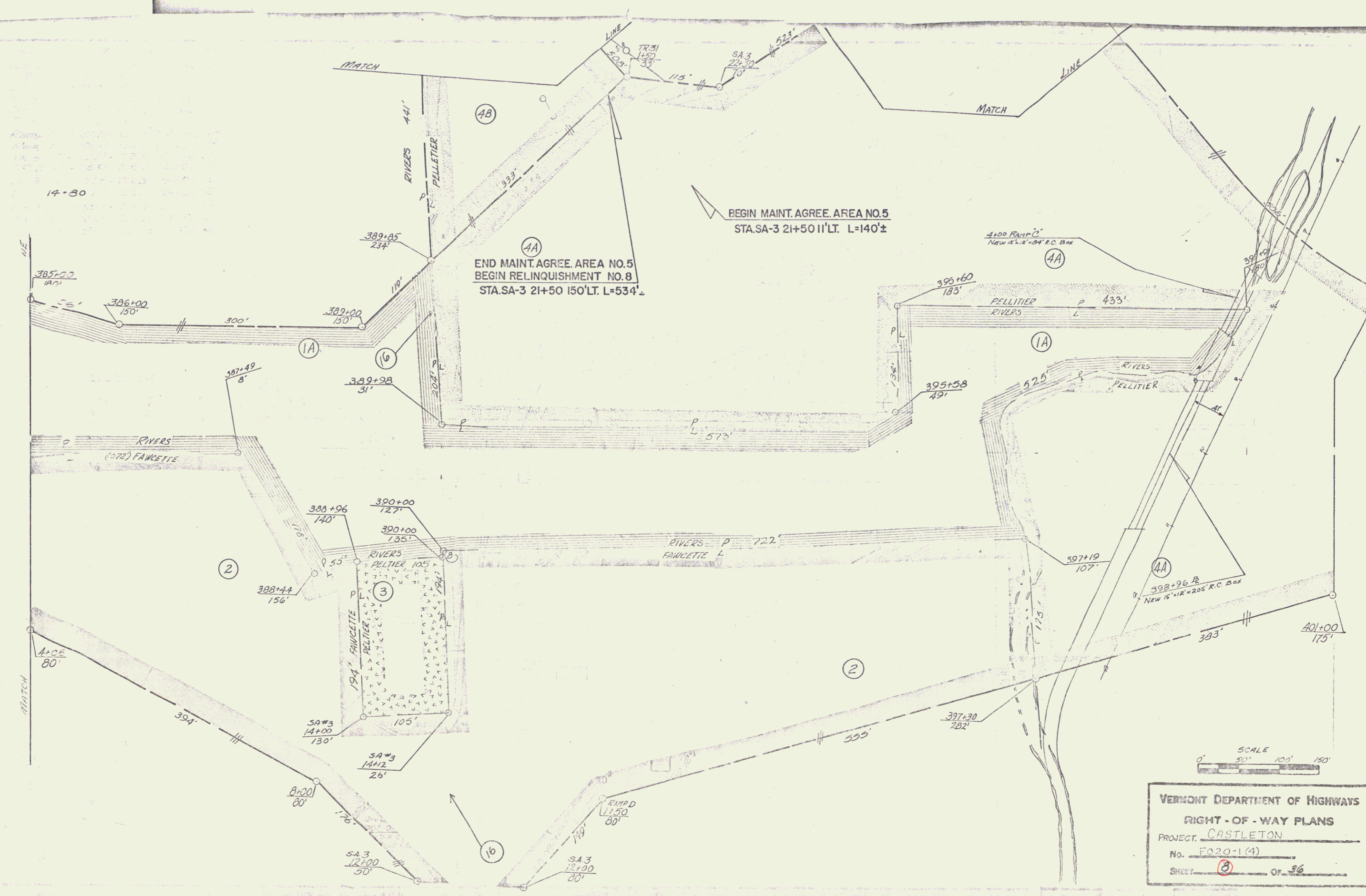
GEORGE ROW PROJECT  
 FC 20-1(4) STATION 373+00

*Handwritten:* = 1380+84

VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT CASTLETON  
 No F020-1(4)  
 SHEET 7 OF 36



*Handwritten:* 7



14-30

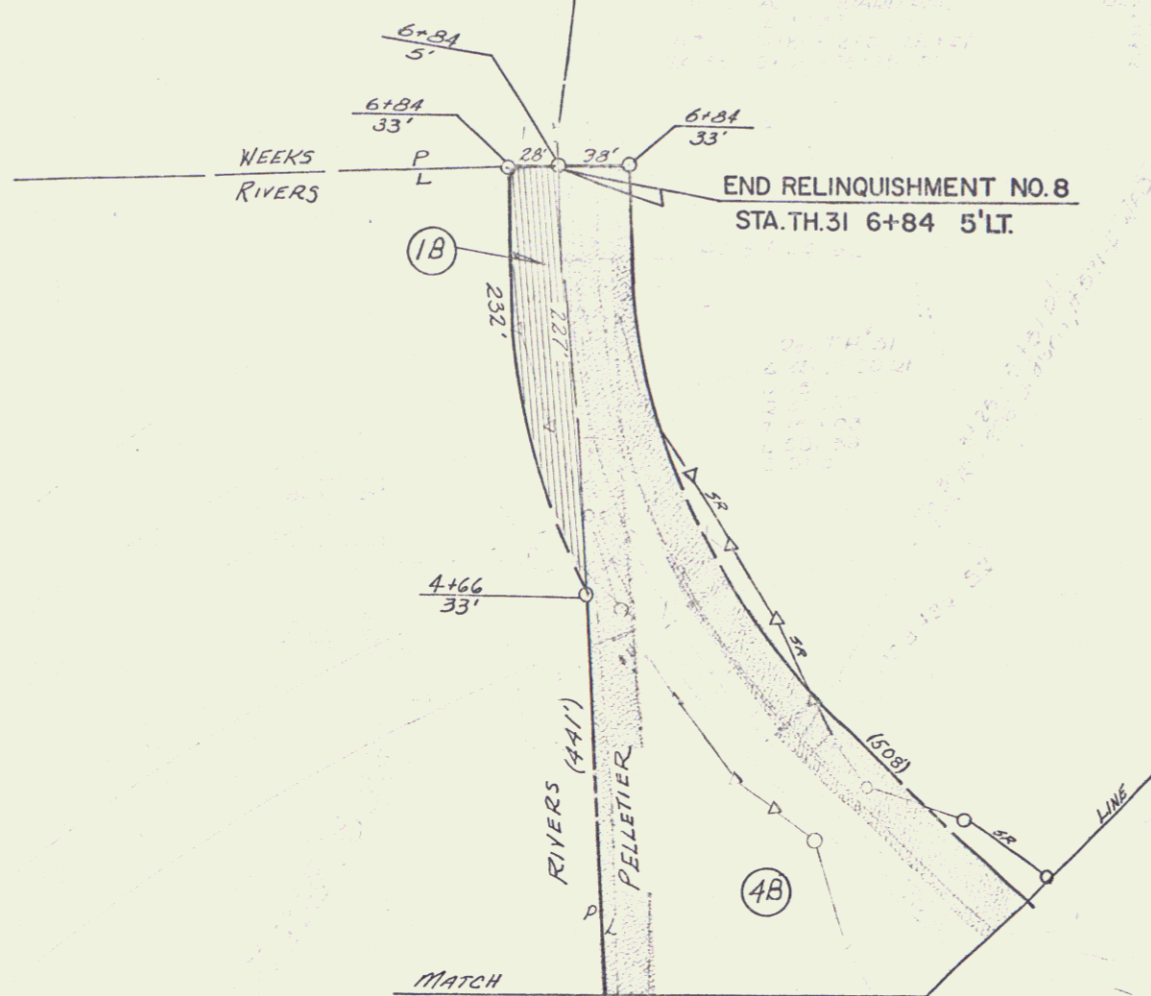
BEGIN MAINT. AGREE. AREA NO.5  
STA.SA-3 21+50 11'LT. L=140'±

END MAINT. AGREE. AREA NO.5  
BEGIN RELINQUISHMENT NO.8  
STA.SA-3 21+50 150'LT. L=534'±

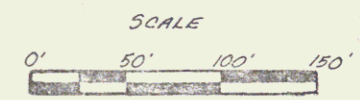
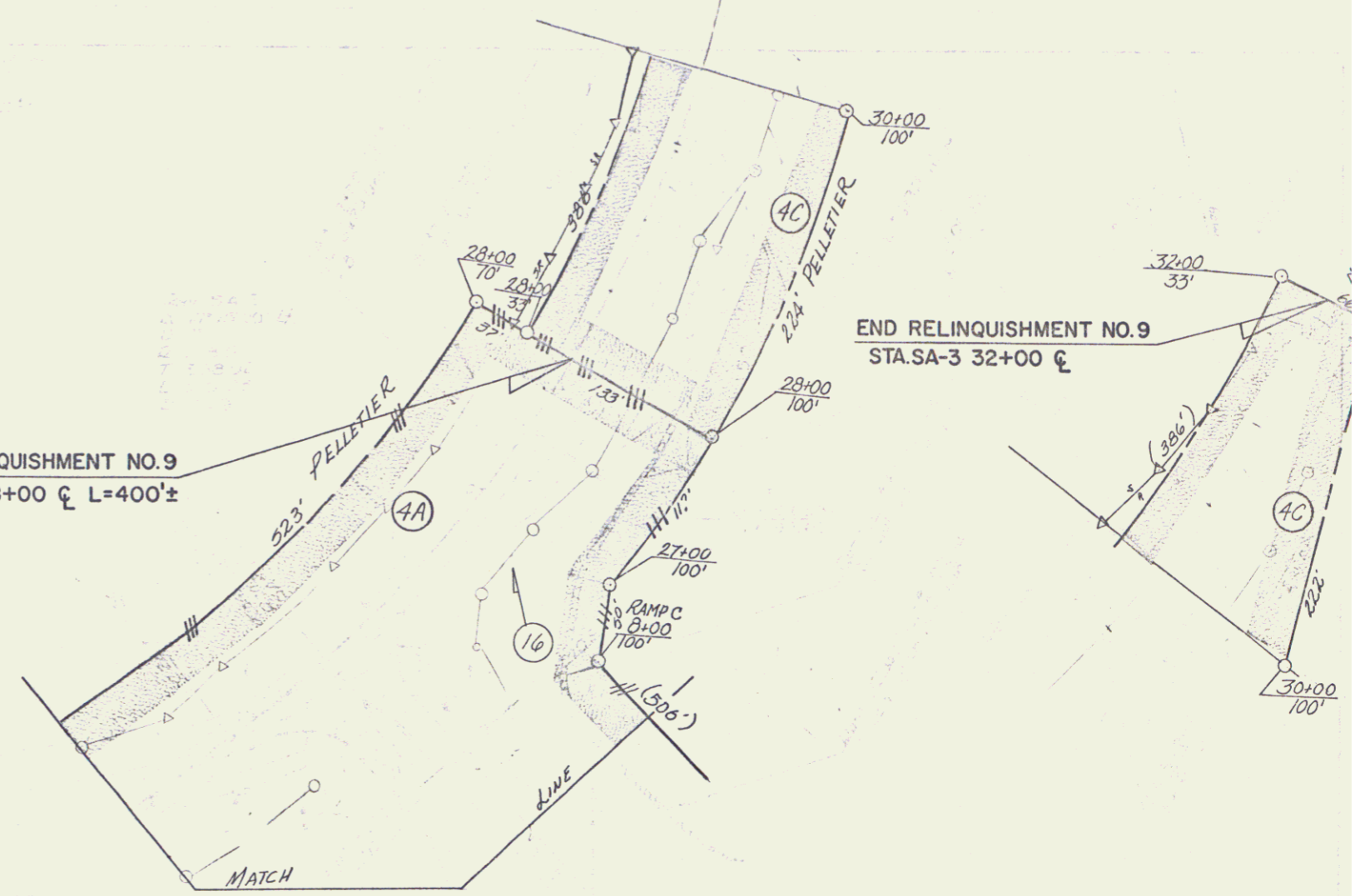
SCALE  
0' 50' 100' 150'

**VERMONT DEPARTMENT OF HIGHWAYS**  
**RIGHT - OF - WAY PLANS**  
 PROJECT: CASTLETON  
 No. F020-1(4)  
 SHEET 3 OF 36

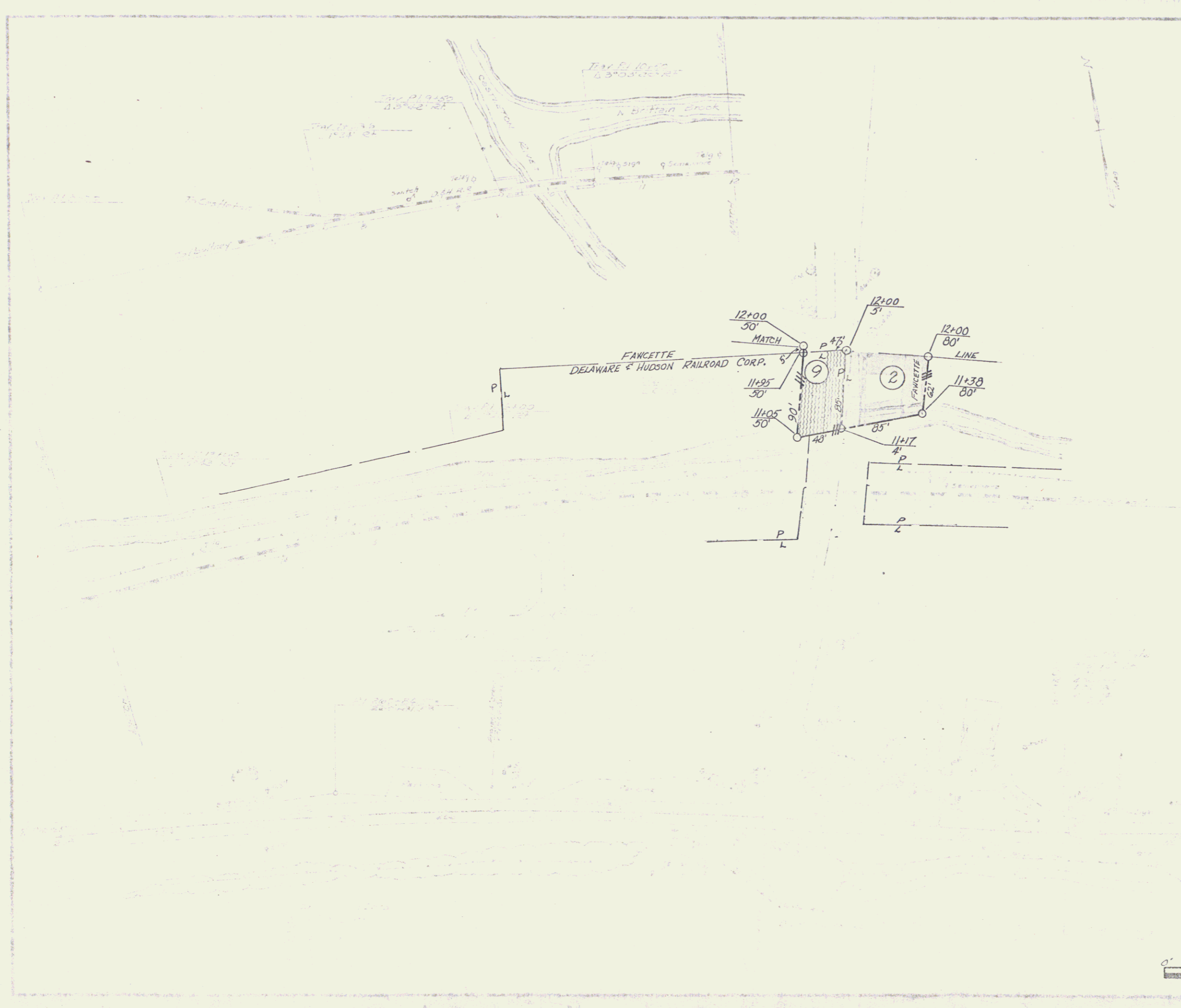
8



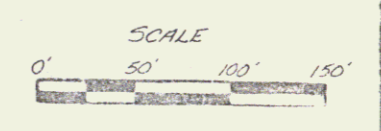
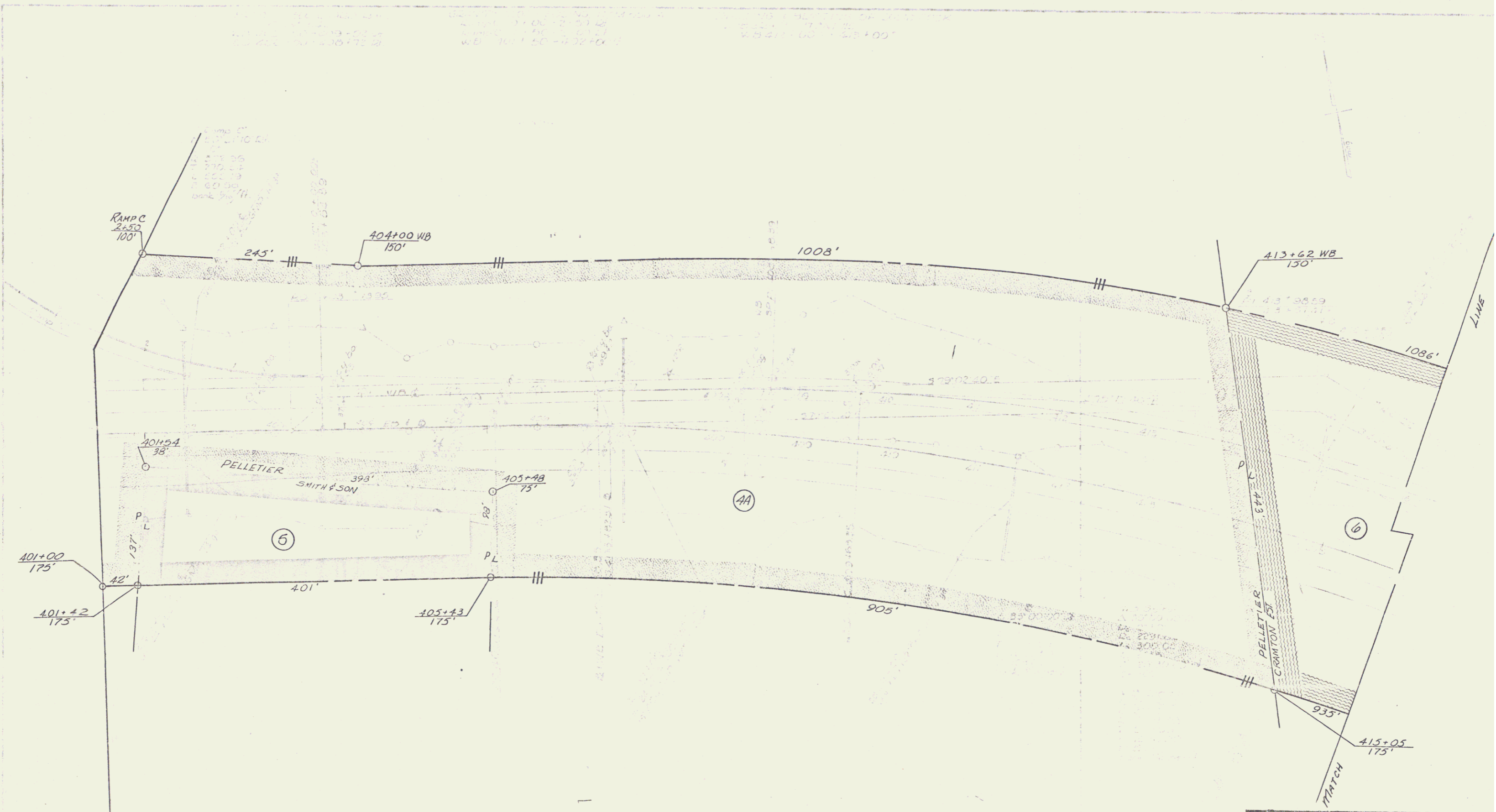
BEGIN RELINQUISHMENT NO. 9  
STA. SA-3 28+00  $\pm$  L=400'  $\pm$



VERMONT DEPARTMENT OF HIGHWAYS  
RIGHT-OF-WAY PLANS  
PROJECT: CASTLETON  
No. F020-1(4)  
SHEET 9 OF 36

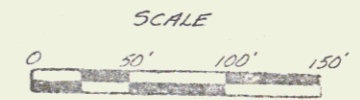
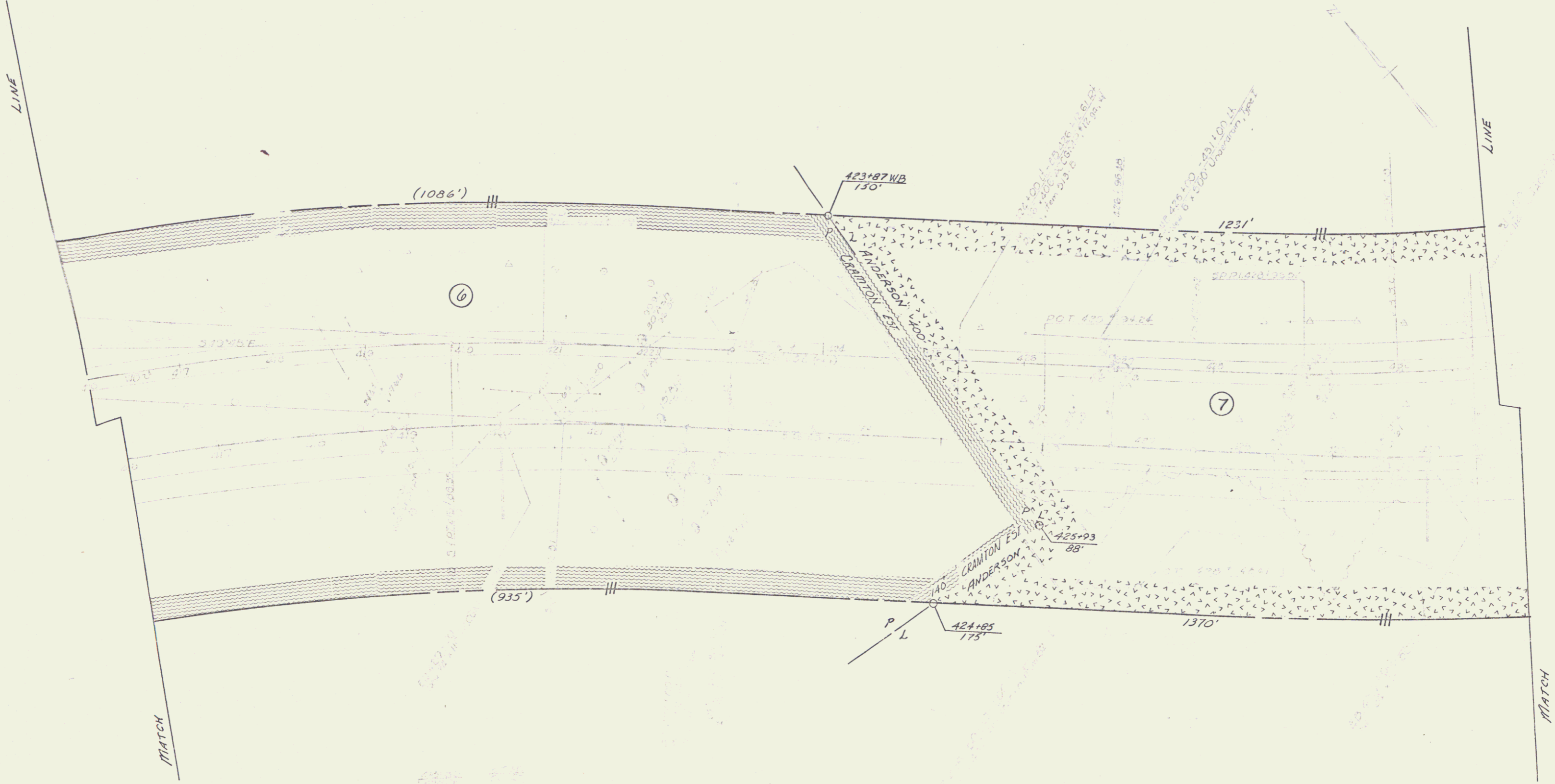


VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT CASTLETON  
 No. F020-1(4)  
 SHEET 10 Of 36



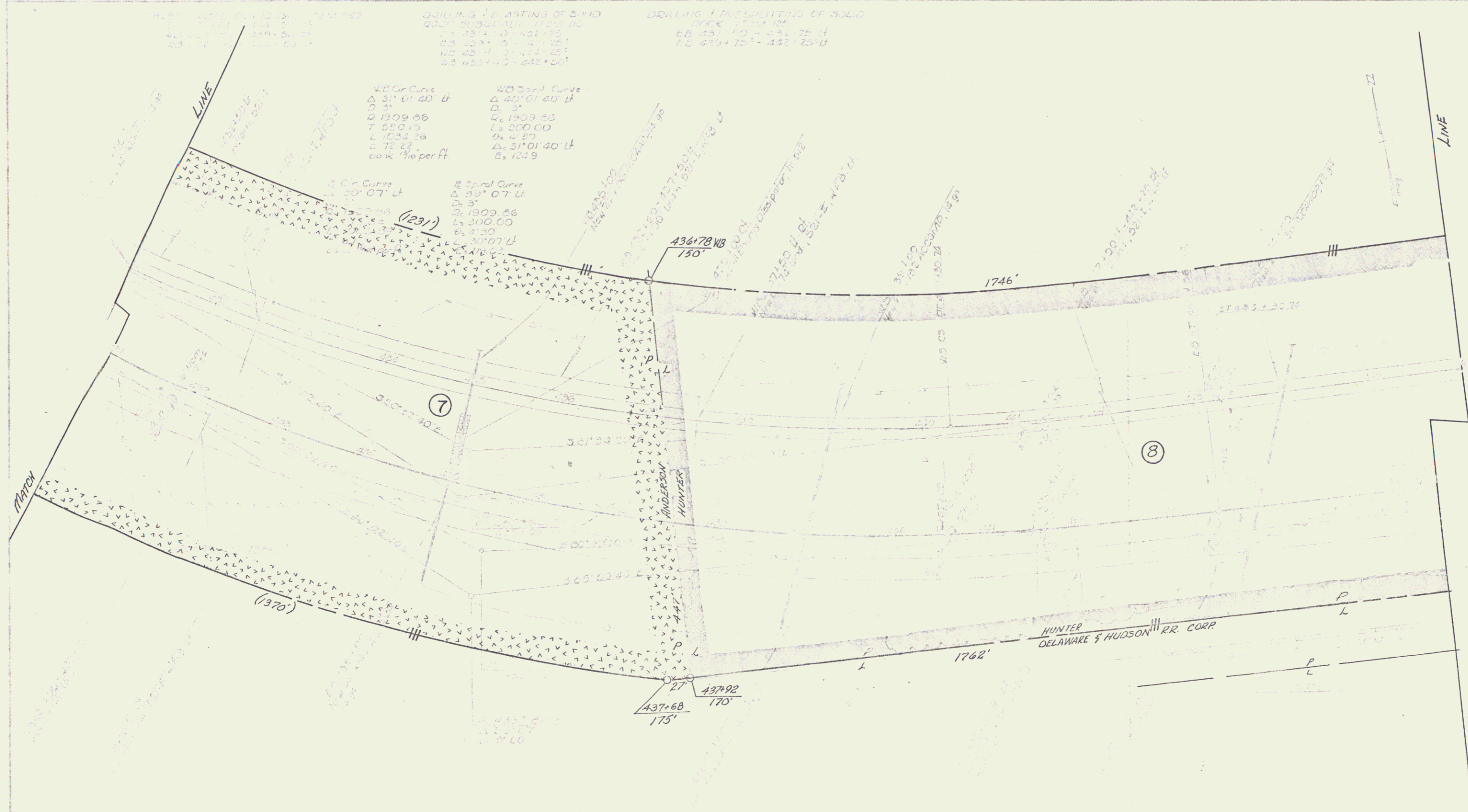
VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT CASTLETON  
 No. E020-1(4)  
 SHEET 11 OF 36

1. 1/4 SECTION 10, TOWN OF CASTLETON, VERMONT  
 2. 1/4 SECTION 11, TOWN OF CASTLETON, VERMONT  
 3. 1/4 SECTION 12, TOWN OF CASTLETON, VERMONT  
 4. 1/4 SECTION 13, TOWN OF CASTLETON, VERMONT



VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT CASTLETON  
 NO FD20-1(4)  
 SHEET 12 OF 36

12



DRILLING & PLACING OF SAND  
 ROCK SUBGRADE 11254 112  
 11 431+10 - 432+75  
 12 433+10 - 434+25  
 13 435+10 - 436+25  
 14 437+10 - 438+25  
 15 439+10 - 440+25

48° Circle  
 Δ 31° 01' 40" Lt  
 D 31  
 L 1909.86  
 T 550.15  
 L 1034.29  
 E 72.22  
 bank 7/16 per ft

48° Spiral Curve  
 Δ 40° 01' 40" Lt  
 D 31  
 L 1909.86  
 Ls 200.00  
 E 12.27  
 Δ 31° 01' 40" Lt  
 Es 124.9

12° Circle  
 Δ 20° 07' Lt  
 D 31  
 L 1909.86  
 Ls 300.00  
 E 12.27  
 Δ 20° 07' Lt  
 Es 124.9

436+78 NB  
150'

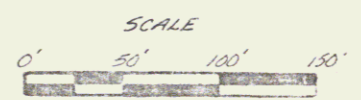
437+92  
170'  
437+68  
175'

1746'

1762'

HUNTER DELAWARE & HUDSON RR CORP

VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT CASTLETON  
 No. E020-1(4)  
 SHEET 13 OF 36

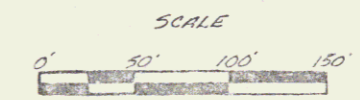
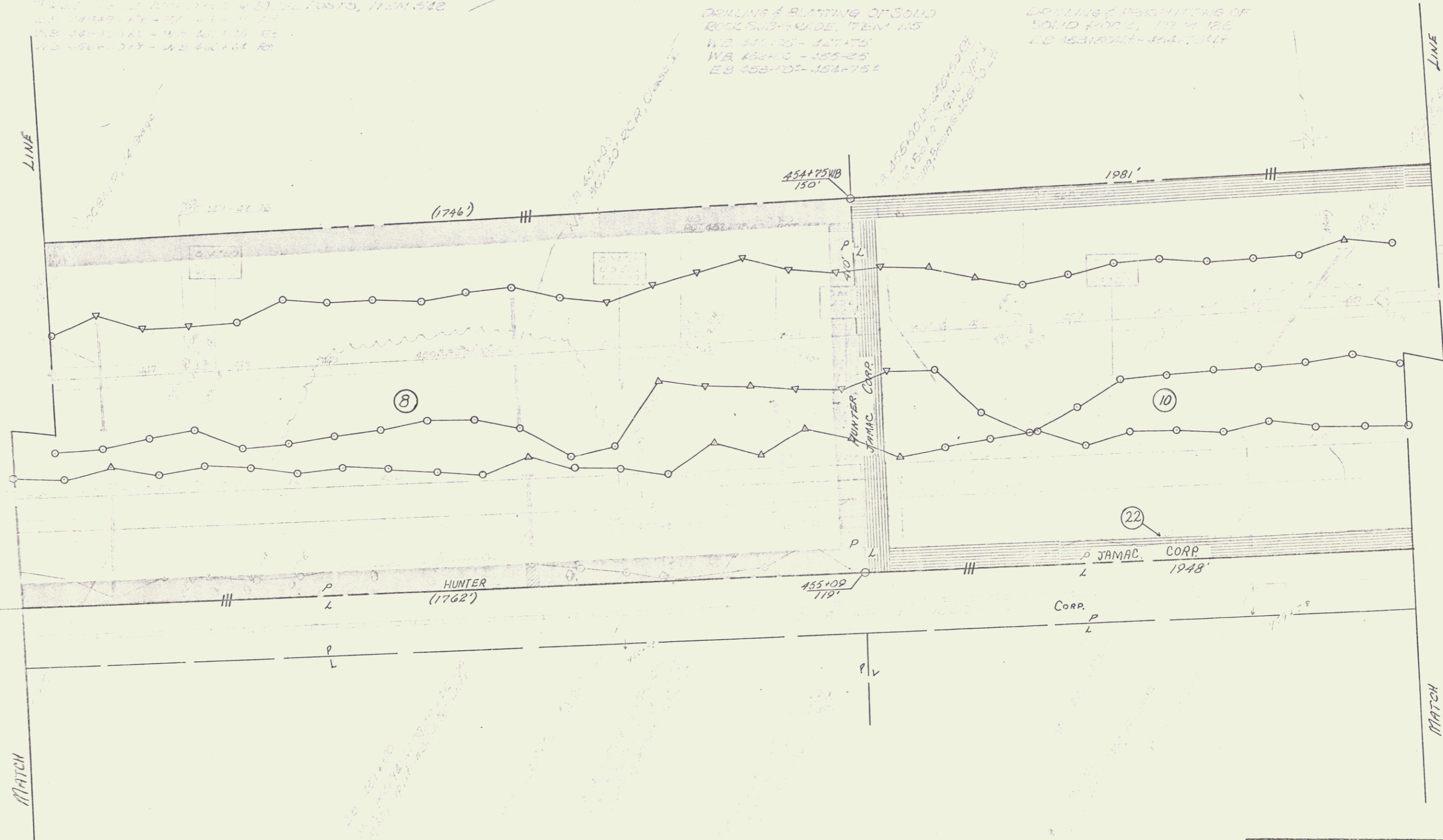


13

TRUSS BRIDGE OVER RIVER ST. J. TOSTO, ITEM 542  
 ST. JAMAC. RT - ST. J. TOSTO, RT  
 WB 345+00 - 345+00 RT  
 EB 345+00 - 345+00 RT

DRILLING & BLASTING OF SOLID  
 ROCK SUB-GRADE, ITEM 115  
 WB 454+75 - 454+75  
 WB 455+00 - 455+00  
 EB 453+00 - 454+75

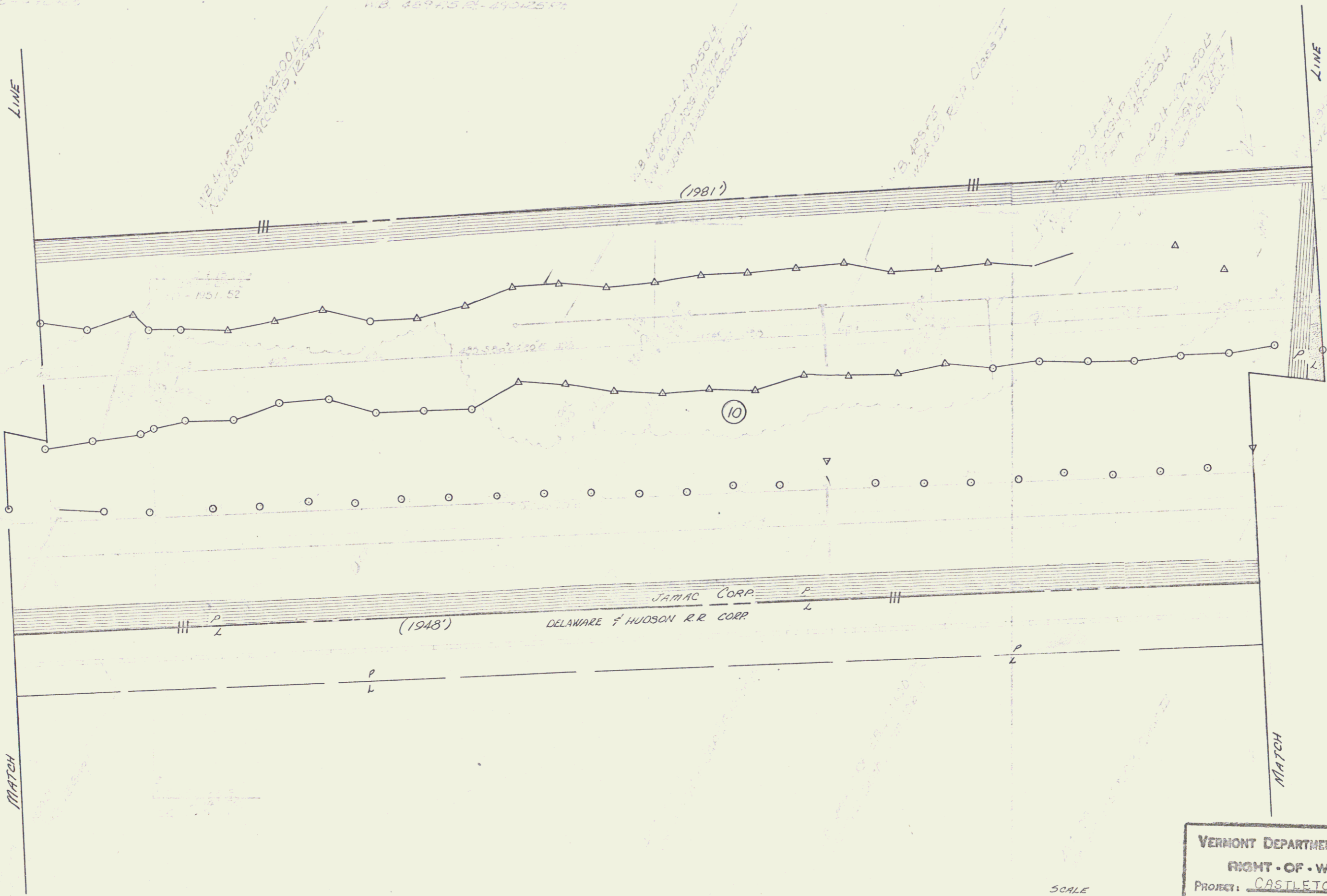
DRILLING & BLASTING OF  
 SOLID ROCK, ITEM 126  
 EB 453+00 - 454+75



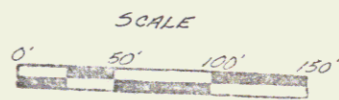
VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT CASTLETON  
 NO. F020-1(4)  
 SHEET 14 OF 36

PLAN OF RIGHT-OF-WAY FOR  
NEW BRIDGE OVER RIVER  
N.B. 489-12-110-05

ROLLING & DEPOSITING OF  
ST. G. 450-12-110-05  
N.B. 489-12-110-05



VERMONT DEPARTMENT OF HIGHWAYS  
RIGHT-OF-WAY PLANS  
PROJECT: CASTLETON  
No. E020-1(4)  
SHEET (5) OF 26

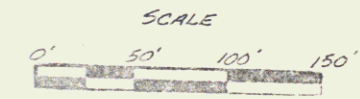


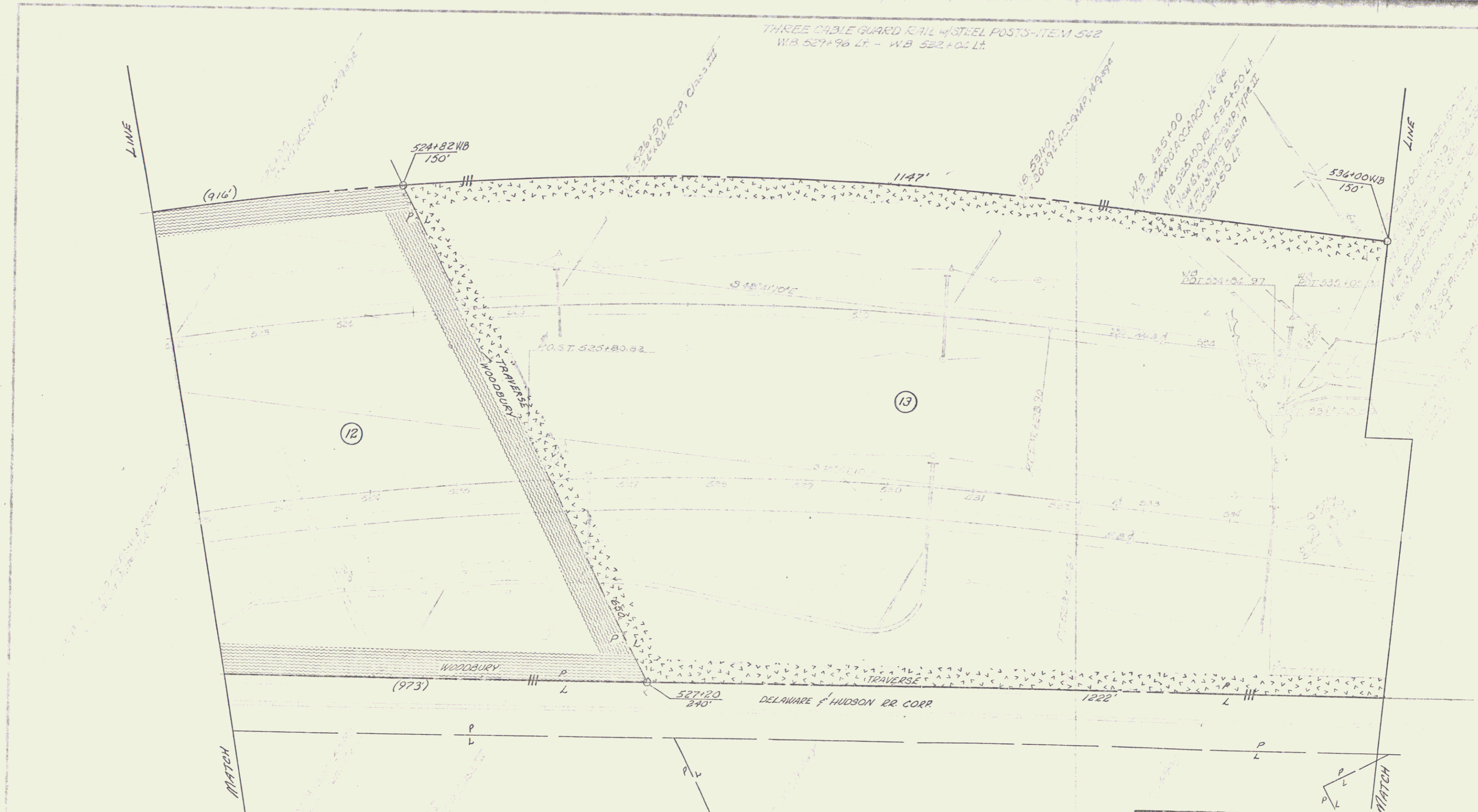




TRaverse	P	25	20172.84'
WOODBURY	L		878157.0'

VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT CASTLETON  
 No. FD20-1(9)  
 SHEET 17 OF 36

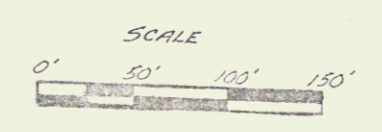




THREE CABLE GUARD RAIL W/ STEEL POSTS - ITEM 542  
 W.B. 527+96 Lt. - W.B. 522+02 Lt.

W.B. 425+00  
 W.B. 425+00  
 W.B. 425+00  
 W.B. 425+00  
 W.B. 425+00

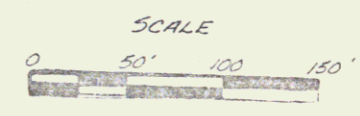
VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT: CASTLETON  
 No. E020-1(9)  
 SHEET: 10 OF 36





WIRE CABLE G. AND C. W. STELL. POSTS, TREAT. 1-3  
 EB 547154-ET. ED. 541-00-21

VERMONT DEPARTMENT OF HIGHWAYS	
RIGHT-OF-WAY PLANS	
PROJECT:	CASTLETON
NO:	EO2.0-1(4)
SHEET:	19 OF 36



TO BE CALLED CORNER END ROW POSTS, ITEM 542  
EAST 551+00 - EB 551+00 R/L  
WEST 551+00 - WB 551+00 R/L  
WEST 556+93 - WB 556+93 R/L

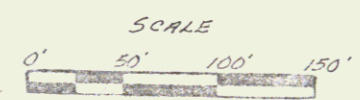
EDGING & PLANTING DETAILS  
FOR CASTLETON, ITEM 100  
AS SHOWN ON SHEETS  
EB 551+00 - 556+93

GRADING & FINISHING OF  
ROAD SURFACE, ITEM 100  
AS SHOWN ON SHEETS  
EB 551+00 - 556+93



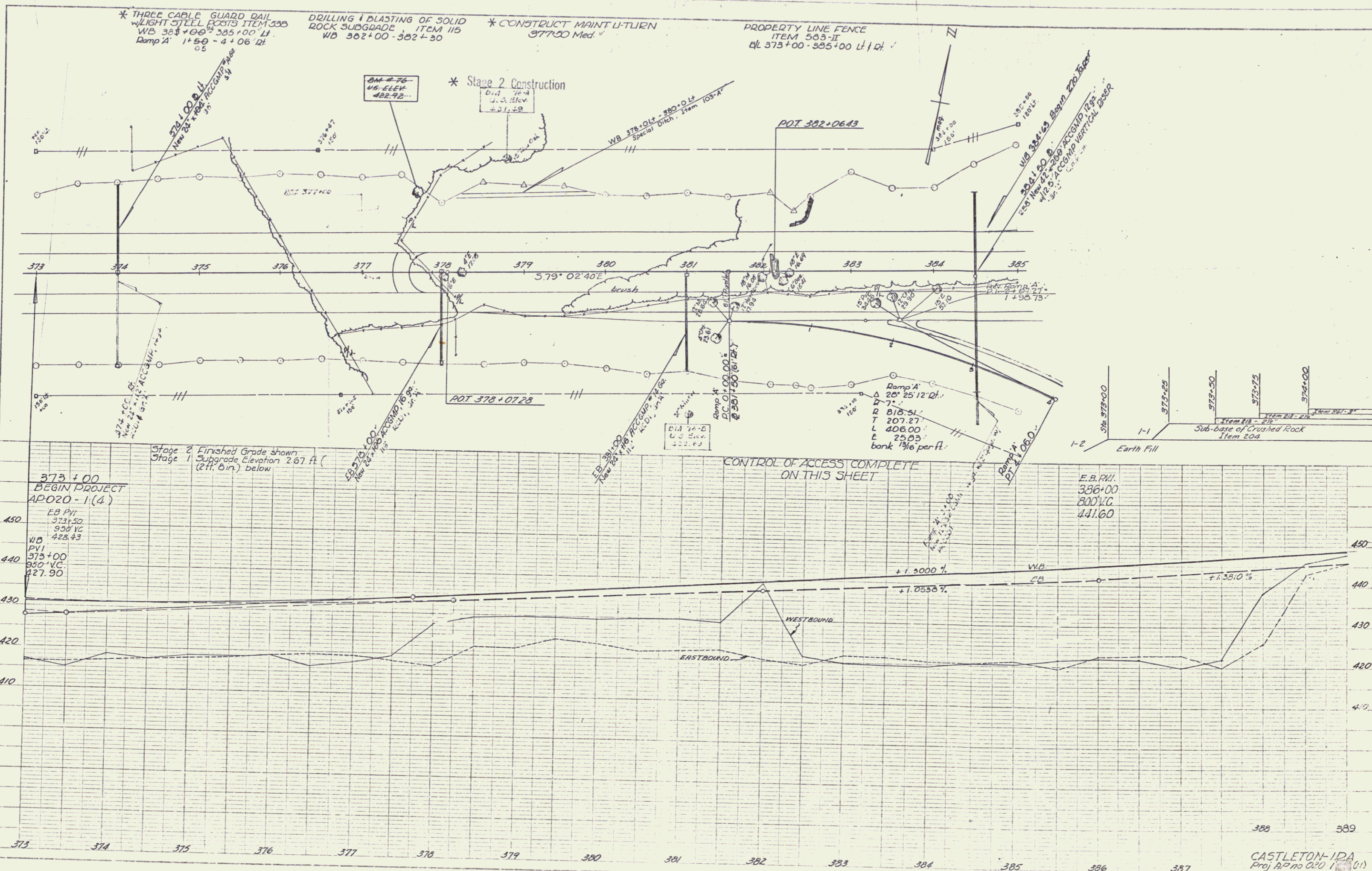
CTR 550+145 STR 550+96  
END PROJECT BLVD PROJECT  
FO20-1(A) FO20-1(A)  
SECTION 1

VERMONT DEPARTMENT OF HIGHWAYS  
RIGHT-OF-WAY PLANS  
PROJECT CASTLETON  
NO FO20-1(A)  
SHEET 20 OF 36



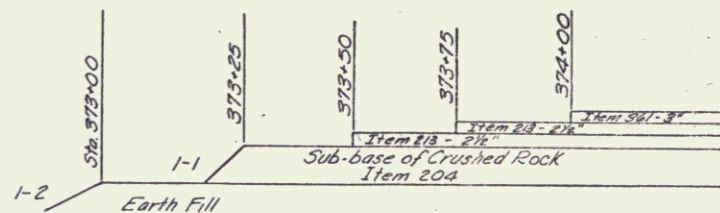
PLAN	NO.	DATE
NO.	1965	1965
NO.	1965	1965
NO.	1965	1965

PROFILE	NO.	DATE
NO.	1965	1965
NO.	1965	1965
NO.	1965	1965



373+00  
BEGIN PROJECT  
APOZO-1(4)  
EB PVI  
373+50  
950'VC  
428.45  
WD  
373+00  
950'VC  
427.90

Stage 2 Finished Grade shown  
Stage 1 Subgrade Elevation 2.67 ft.  
(211.6in.) below



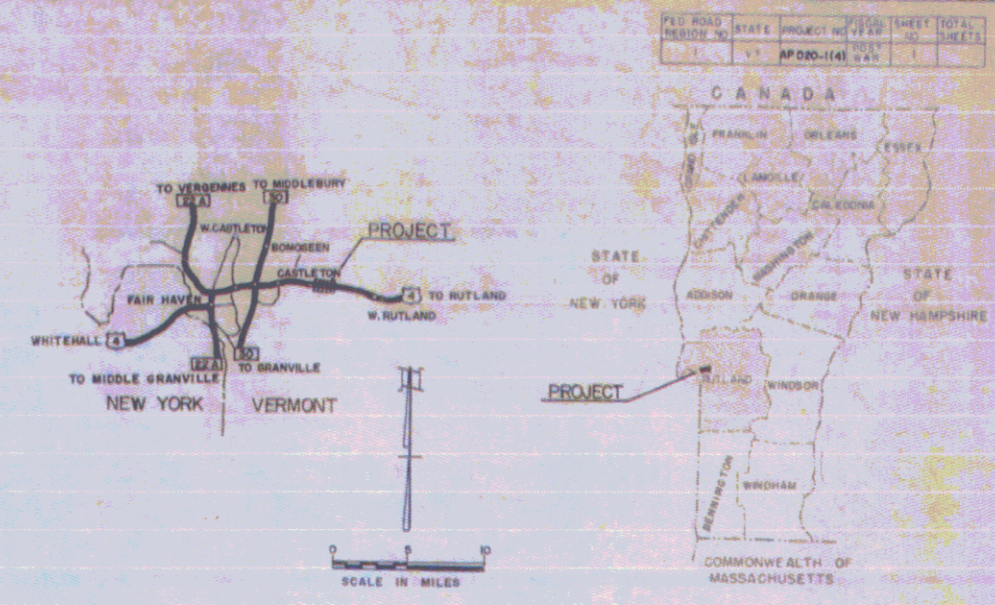
E.B.PVI  
386+00  
800'VC  
441.60

CASTLETON-IDA  
Proj AP no 020 (01)  
Sheet 25 of 301  
Sheet 49 of 170 Sheets

INDEX OF SHEETS

SHEET NO.	TITLE PAGE
2-4	Typical Sections (Standard Mod. Var. Mod., 1-way Ramp, 2-way Ramp & Primary)
9-11	Summary of Quantities
12-13	Detail & Drainage Sheets
17-20	Earthwork Sheets
21-24	Right of Way Detail Sheets
25-33	Plan & Profile Sheets
34-35	API Scale Ramp Terminations
36	BLANK
37-62	Bridge 150 Series Sheets
70-72	Bridge 200 Series Sheets
73	Standard Drawing 3-81 2/10/65
74	Standard Drawing 3-1 2/10/65
75	Standard Drawing 3-6 2/10/65
76	Standard Drawing 3-10 2/10/65
77	Standard Drawing 3-11 2/10/65
78	Standard Drawing 3-12 2/10/65
79	Standard Drawing 3-13 2/10/65
80	Standard Drawing 3-14 2/10/65
81	Standard Drawing 3-15 2/10/65
82	Standard Drawing 3-16 2/10/65
83	Standard Drawing 3-17 2/10/65
84	Standard Drawing 3-18 2/10/65
85	Standard Drawing 3-19 2/10/65
86	Standard Drawing 3-20 2/10/65
87	Standard Drawing 3-21 2/10/65
88	Standard Drawing 3-22 2/10/65
89	Standard Drawing 3-23 2/10/65
90	Standard Drawing 3-24 2/10/65
91	Standard Drawing 3-25 2/10/65
92	Standard Drawing 3-26 2/10/65
93	Standard Drawing 3-27 2/10/65
94	Standard Drawing 3-28 2/10/65
95	Standard Drawing 3-29 2/10/65
96	Standard Drawing 3-30 2/10/65
97	Standard Drawing 3-31 2/10/65
98	Standard Drawing 3-32 2/10/65
99	Standard Drawing 3-33 2/10/65
100	Standard Drawing 3-34 2/10/65
101	Standard Drawing 3-35 2/10/65
102	Standard Drawing 3-36 2/10/65
103	Standard Drawing 3-37 2/10/65
104	Standard Drawing 3-38 2/10/65
105	Standard Drawing 3-39 2/10/65
106	Standard Drawing 3-40 2/10/65
107	Standard Drawing 3-41 2/10/65
108	Standard Drawing 3-42 2/10/65
109-272	Cross Section-Main Line
273-275	Cross Section-Ramp A
276-278	Cross Section-Ramp B-C
279-280	Cross Section-Ramp C
281-286	Cross Section-Ramp D
287-294	Cross Section-3d 3d
295-296	Cross Section-TR 3d
297-301	Cross Section-Channel
302	BLANK

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
PROPOSED IMPROVEMENT  
TOWNS OF CASTLETON-IRA  
COUNTY OF RUTLAND  
U.S. ROUTE 4  
FAIR HAVEN-RUTLAND ROAD



PROJECT NAME & NUMBER: CASTLETON-IRA AP 020-1(4) (17)

CONTRACT DATE: MAY 4, 1967

STARTED: MAY 10, 1967

COMPLETED: JUNE 16, 1968

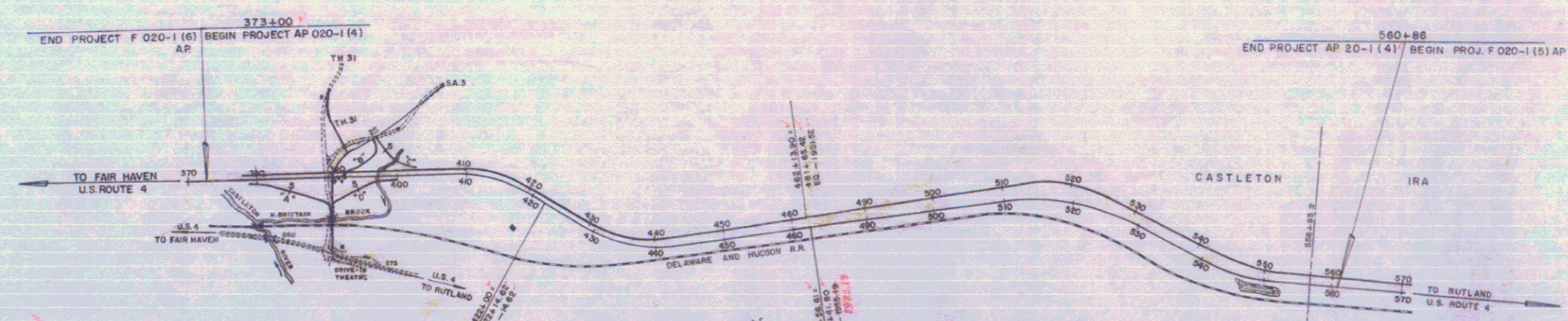
ACCEPTED: JUNE 26, 1968

BEGINNING AT A POINT 3.107 MILES WESTERLY OF THE CASTLETON-IRA TOWN LINE AND EXTENDING EASTERLY 3.185 MILES.

LENGTH OF ROADWAY 16,833.38 FEET = 3.183 MILES

LENGTH OF PROJECT 16,810.38 FEET = 3.183 MILES

1965 ADT	4300
1967 ADT	7680
1967 DHV	10.50
1967 D	60
1967 T	7%
V	60 MPH



CONVENTIONAL SIGNS

R.O.W.	---
COUNTY LINE	---
TOWN LINE	---
FENCE LINE	---
STONE WALL	---
UNFENCED PROPERTY	---
GUARD RAIL	---
RAILROAD	---
TRAVELED WAY	---
RETAINING WALL	---
CENTER LINE	---
SURVEY LINE	---
CONCRETE	---
DROP INLET	---
WOLLEY POLE	---
POWER POLE	---
TELEPHONE POLE	---
TREES	---
HEDGE	---
LIMITED ACCESS	---

SLOPE RIGHTS

GROUND ELEVATION

GRADE ELEVATION

CURVE DATA

DEFLECTION OF ANGLE

DEGREE OF CURVE

RADIUS OF CURVE

TANGENT DISTANCE

LENGTH OF CURVE

EXTERNAL DISTANCE

POINT OF INTERSECTION

POINT OF CURVE

POINT OF TANGENT

POINT ON TANGENT

POINT ON SUB-TANGENT

CONSTRUCTION IDENTIFICATION SIGN

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED APRIL, 1964, AS APPROVED BY THE BUREAU OF PUBLIC ROADS ON OCTOBER 12, 1964, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

STAGE I CONSTRUCTION

DEPARTMENT OF TRANSPORTATION  
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER DATE

PROJECT AP NO. 020-1(4) (17)

SHEET 1 OF SHEETS

APPROVED <i>E.H. Beckwith</i> DISTRICT ENGINEER DATE 5/2/66	APPROVED <i>R.H. Lusk</i> DISTRICT ENGINEER DATE 6/1/66	APPROVED <i>Judith</i> DISTRICT ENGINEER DATE 6/1/66	APPROVED <i>J.A. Huskey</i> DISTRICT ENGINEER DATE 6/2/66	APPROVED <i>G.M. Lane</i> DISTRICT ENGINEER DATE 6/2/66	APPROVED <i>R.H. Arnold</i> DISTRICT ENGINEER DATE 6/1/66
---	---	--	---	---	---

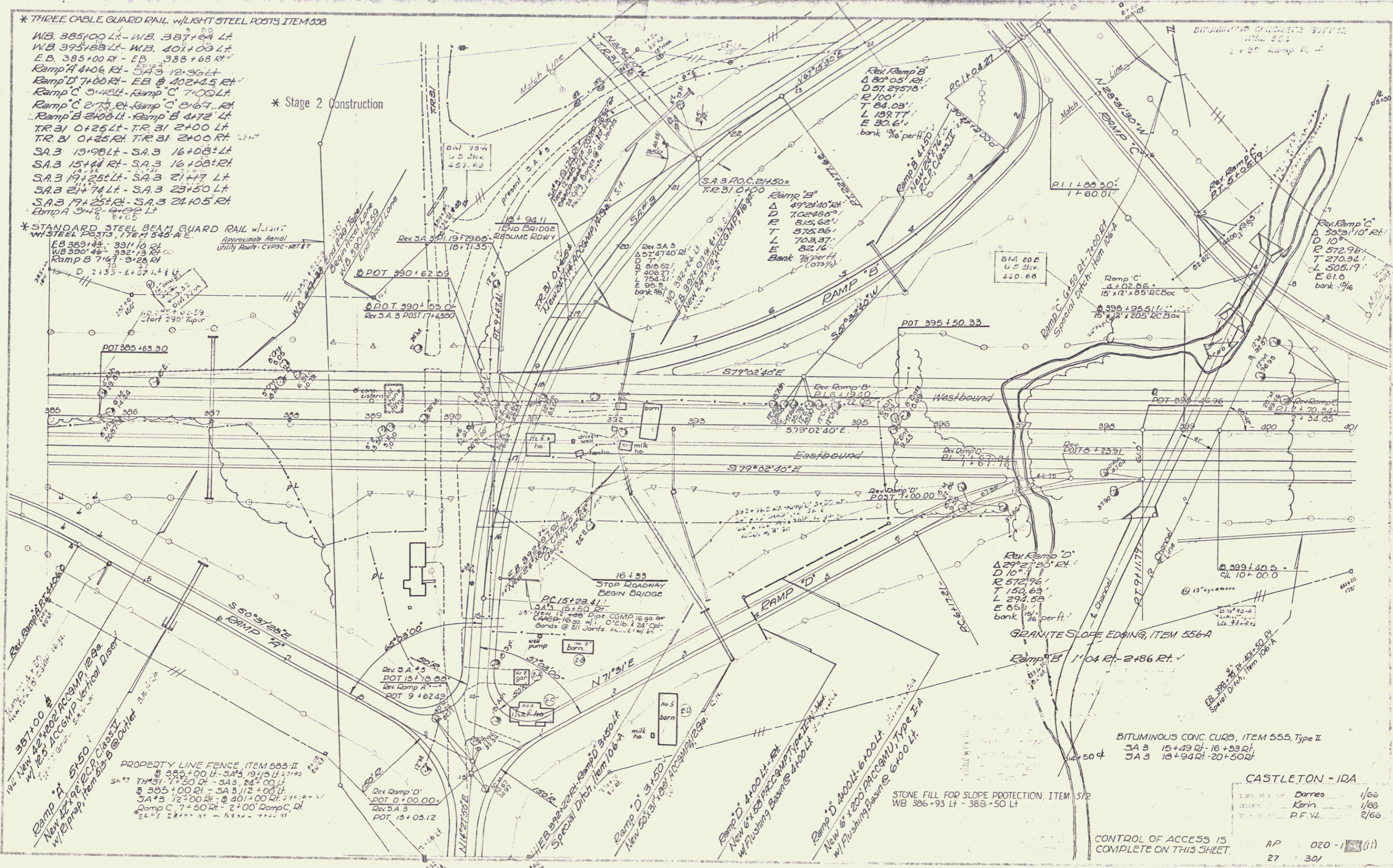
\* THREE CABLE GUARD RAIL w/LIGHT STEEL POSTS ITEM 538

WB 385+00 LT - WB 387+64 LT  
WB 395+68 LT - WB 401+03 LT  
EB 385+00 RT - EB 388+68 RT  
Ramp A 4+06 RT - SA 3 12+36 LT  
Ramp D 7+00 RT - EB 402+45 RT  
Ramp C 5+48 LT - Ramp C 7+00 LT  
Ramp C 2+75 RT - Ramp C 2+67 LT  
Ramp B 2+08 LT - Ramp B 4+72 LT  
TR 31 0+25 LT - TR 31 2+00 LT  
TR 31 0+25 RT - TR 31 2+00 RT  
SA 3 13+98 LT - SA 3 16+08 RT  
SA 3 15+44 RT - SA 3 16+08 RT  
SA 3 17+25 LT - SA 3 21+17 LT  
SA 3 21+74 LT - SA 3 23+50 LT  
SA 3 17+25 RT - SA 3 24+05 RT  
Ramp A 5+48 RT - SA 3 6+05 LT

\* Stage 2 Construction

\* STANDARD STEEL BEAM GUARD RAIL w/LIGHT WHISTLE POSTS, ITEM 545-A-E

EB 383+42 - 391+16 RT  
WB 390+48 - 392+13 RT  
Ramp B 7+67 RT - SA 3 8+28 RT  
D 2+55 - 4+07 LT & RT  
Start 290' taper

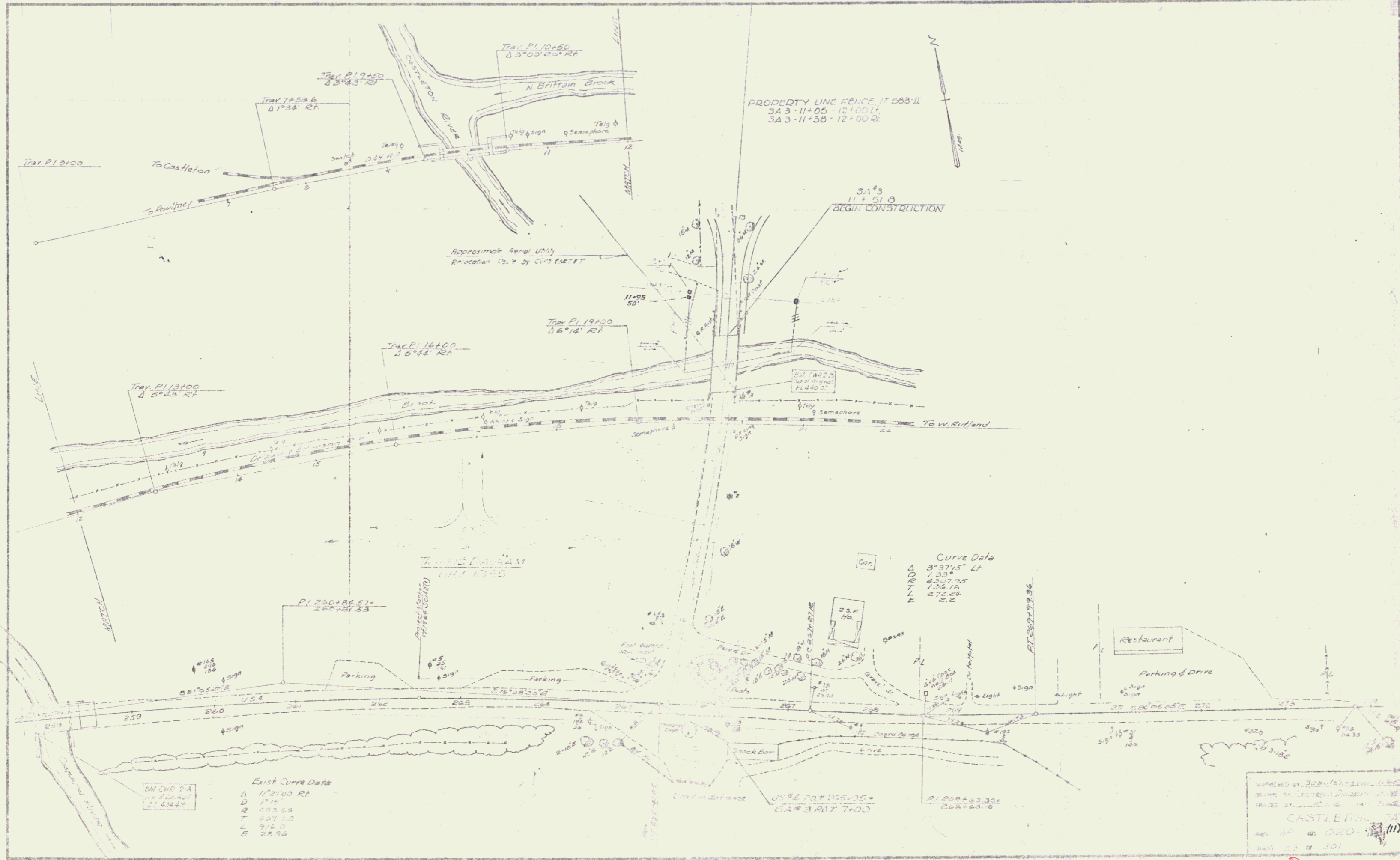


PROPERTY LINE FENCE, ITEM 503-II  
WB 385+00 LT - SA 3 19+15 LT  
SA 3 17+31 - 17+50 RT - SA 3 24+00 LT  
SA 3 12+00 RT - SA 3 17+00 LT  
SA 3 12+00 RT - SA 3 17+00 LT  
Ramp C 7+50 RT - 2+00 Ramp C, Rt.  
SA 3 24+05 RT - 17+25 RT

BITUMINOUS CONC CURB, ITEM 555, Type II  
SA 3 15+49 RT - 16+53 RT  
SA 3 13+94 RT - 20+50 RT

CASTLETON - IDA  
Darnes 1/60  
Kerin 1/60  
P.F.V. 2/60

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET.  
AP 020 - 1 (11)  
27 30/



BVC 254  
 112100 RT  
 112100 RT  
 112100 RT

EXIST CURVE DATA

Δ	112100 RT
D	117.0'
R	483.55
T	437.52
L	915.0'
E	28.94

CURVE DATA

Δ	3°37'15" LT
D	11.33'
R	4207.15
T	126.18
L	270.22
E	2.2

DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 CASTLETON  
 SHEET 49 OF 170 SHEETS

Stage 2 Construction



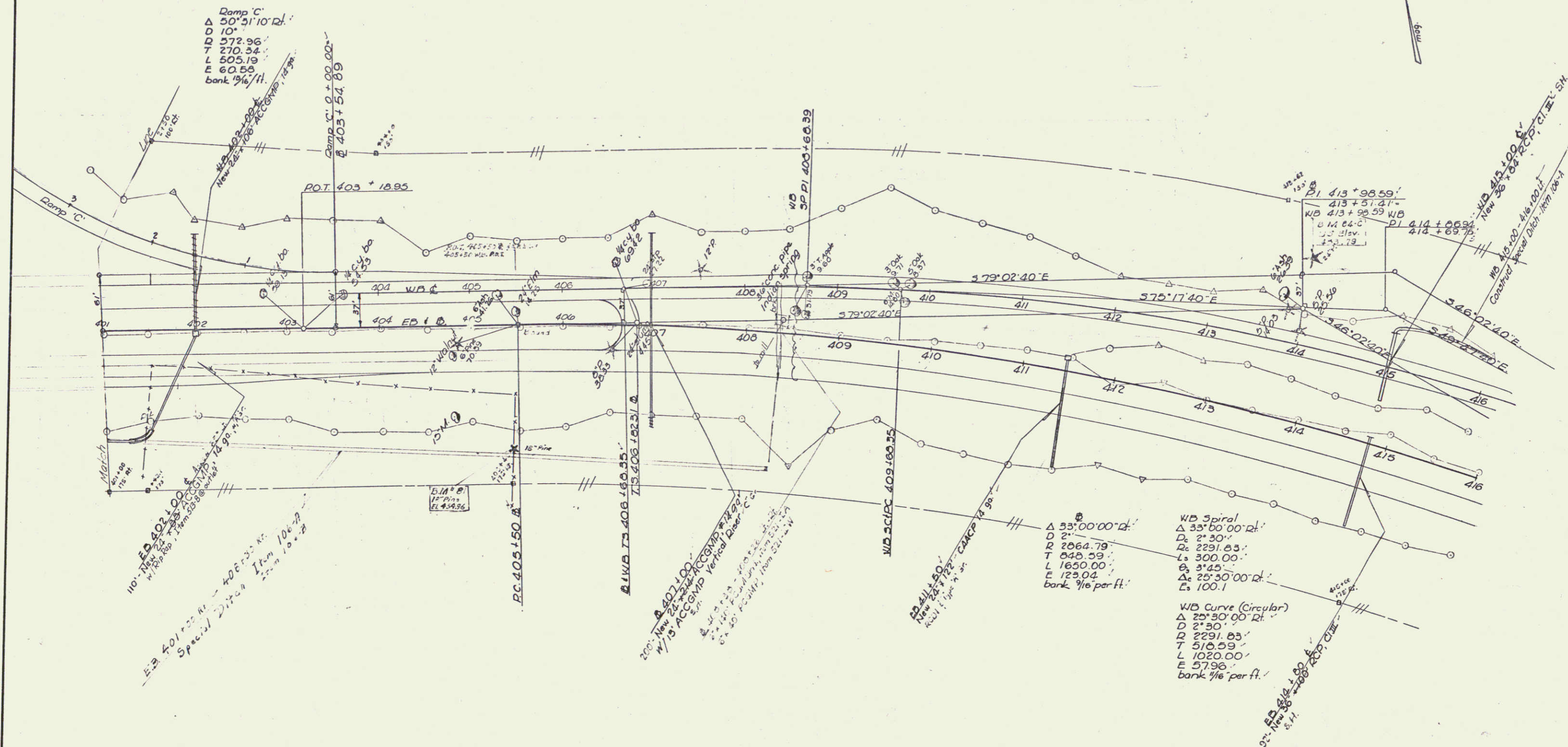
\* THREE CABLE GUARD RAIL w/  
LIGHT STEEL POSTS ITEM 338  
WB 405+00-409+02.4  
EB 406+00-408+72.4

\* CONSTRUCT MAINT U-TURN  
- 400+75 Med.

DRILLING & BLASTING OF SOLID ROCK  
SUBGRADE ITEM 115  
WB 412+00 - 413+00

PROPERTY LINE FENCE - ITEM 593-II  
Ramp C 2+50 U - WB 416+00 U  
DL 401+00 - DL 416+00 R

\* Stage 2 Construction



SURVEYED BY Spaulding DATE 3/65  
DRAWN BY Flanagan Collins DATE 3/65  
TRACED BY L. Clark DATE 4/65  
CASTLETON-IRA  
PROJ. AP NO. 020-1 (11)  
SHEET 34 OF 301

CONTROL OF ACCESS COMPLETE ON THIS SHEET  
Stage 2 Construction Sheet 55 of 170 Sheets

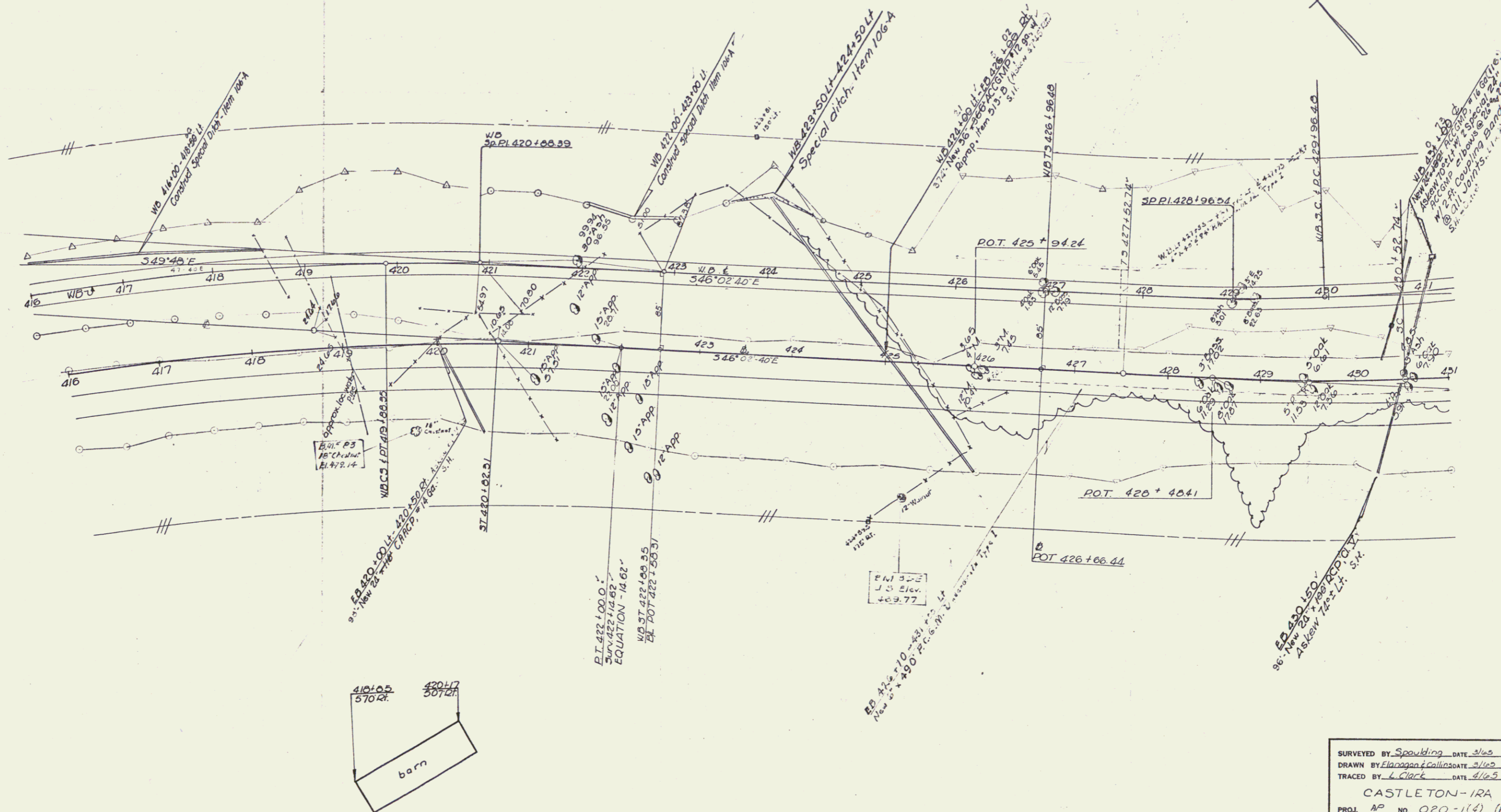
DRILLING & BLASTING OF SOLID ROCK  
SUBGRADE, ITEM 115  
ED 420+75' - 429+25'  
426+25 430+13  
WB 425+75 - 431+00

DRILLING & PRE-SPLITTING OF SOLID  
ROCK, ITEM 125  
ED 420+75' Lt. - 429+25' Lt.  
PROPERTY LINE FENCE, ITEM 333-II  
416+00 - 431+00 WBL 112 Rt.

\* THREE CABLE GUARD RAIL w/  
LIGHT STEEL POSTS, ITEM 338  
ED 429+75' - 431+00 Lt.  
WB 421+50' - 425+30 Lt. +31+00  
WB 421+80' - 423+56 Lt.  
WB 422+30' - 424+7+ Lt.

\* STANDARD STEEL-BEAM GUARD-RAIL  
w/ STEEL POSTS, ITEM 545-A  
WB 417+46 Lt. - 419+00 Lt.  
WB 427+46 Lt. - 429+00 Lt.

\* Stage 2 Construction



CONTROL OF ACCESS COMPLETE ON THIS SHEET

Stage 2 Construction

SURVEYED BY Spaulding DATE 3/15  
DRAWN BY Flanagan & Collins DATE 3/15  
TRACED BY L. Clark DATE 4/15  
CASTLETON-IRA  
PROJ. NO. 020-114 (11)  
SHEET 36 OF 301  
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\* THREE CABLE GUARD RAIL w/  
LIGHT STEEL POSTS ITEM 533  
EB 431+00 - 444+59 Lt.  
WB 432+52 - 439+56 Lt.  
WB 442+30 - 446+00 Lt.  
431+00

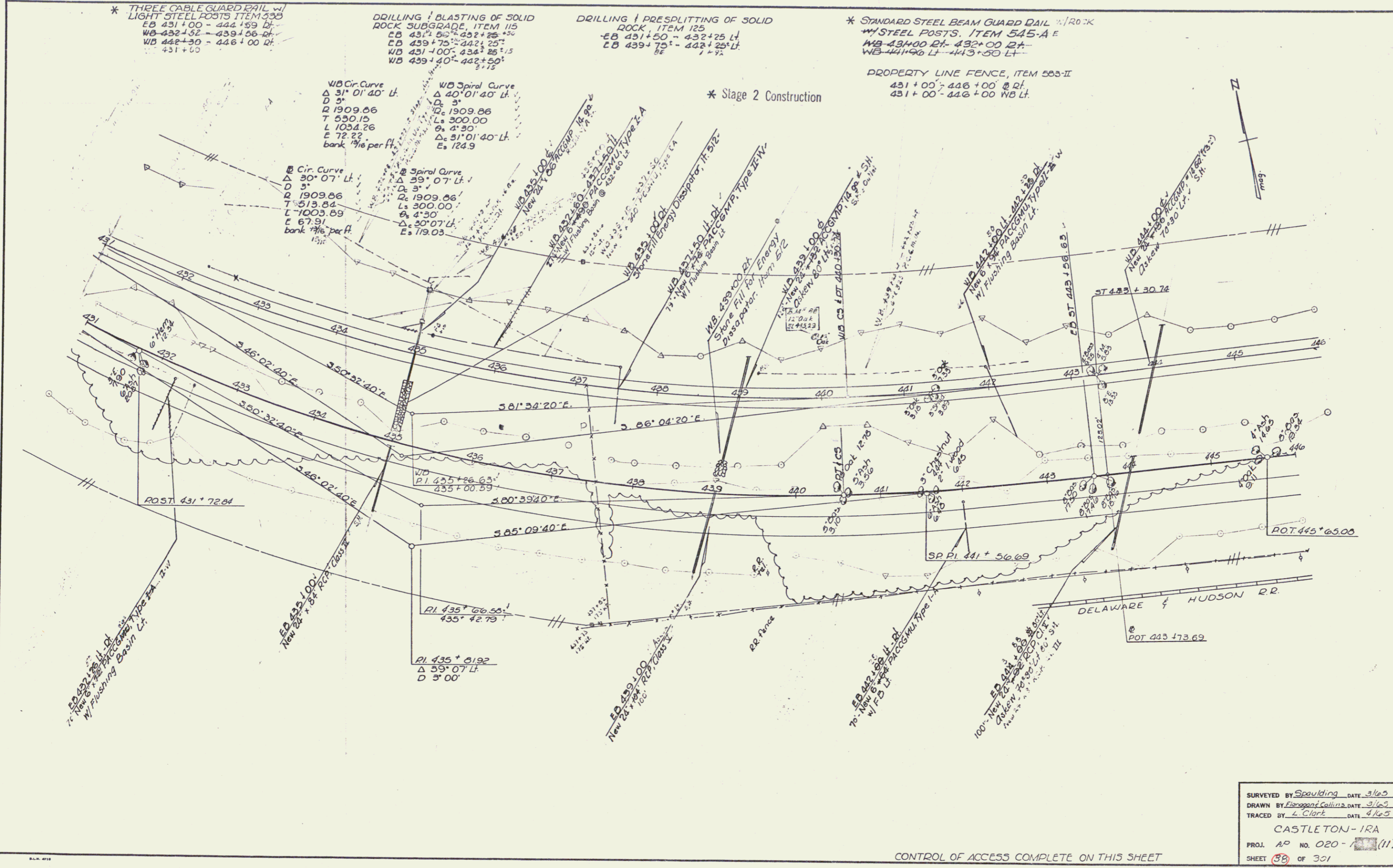
DRILLING / BLASTING OF SOLID  
ROCK SUBGRADE, ITEM 115  
EB 431+50 - 432+25 Lt.  
EB 439+75 - 442+25 Lt.  
WB 431+00 - 434+25 Lt.  
WB 439+40 - 442+50 Lt.

DRILLING / PRESPLITTING OF SOLID  
ROCK, ITEM 125  
EB 431+50 - 432+25 Lt.  
EB 439+75 - 442+25 Lt.

\* STANDARD STEEL BEAM GUARD RAIL w/ROCK  
w/STEEL POSTS, ITEM 545-A  
WB 434+00 Lt - 432+00 Lt  
WB 441+96 Lt - 443+50 Lt

PROPERTY LINE FENCE, ITEM 553-II  
431+00 - 446+00 @ Rt.  
431+00 - 446+00 WB Lt.

\* Stage 2 Construction



SURVEYED BY Spaulding	DATE 3/65
DRAWN BY Linscott Collins	DATE 3/65
TRACED BY L. Clark	DATE 4/65
CASTLETON - IRA	
PROJ. AP NO. 020 -	(11)
SHEET 38	OF 301

CONTROL OF ACCESS COMPLETE ON THIS SHEET

Stage 2 Construction

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\* THREE CABLE GUARD RAIL w/ LIGHT STEEL POSTS ITEM 550  
 E.B. 448+97 Rt - E.B. 451+69 Rt  
 W.B. 446+00 Rt - W.B. 451+26 Rt  
 W.B. 456+80 Rt - W.B. 463+66 Rt  
 W.B. 448+71 Lt - 450+77 Lt  
 W.D. 458+25 - 459+06 Lt.

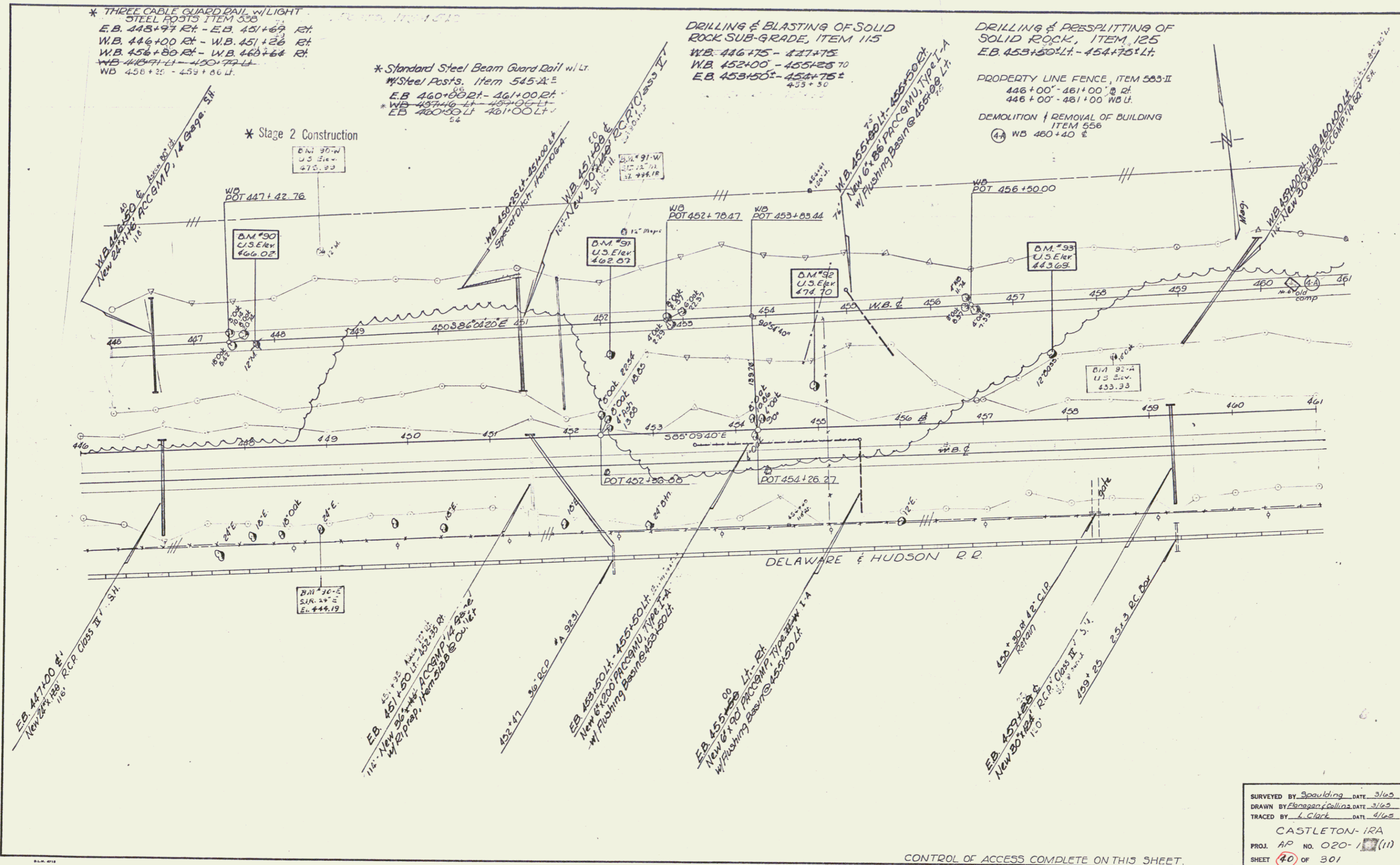
\* Standard Steel Beam Guard Rail w/ Lt. Steel Posts, Item 545-A-E  
 E.B. 460+00 Rt - 461+00 Rt  
 \* W.B. 459+10 Lt - 460+00 Lt  
 E.B. 460+50 Lt - 461+00 Lt

DRILLING & BLASTING OF SOLID ROCK SUB-GRADE, ITEM 115  
 W.B. 446+75 - 447+75  
 W.B. 452+00 - 455+25 Lt  
 E.B. 453+50 - 454+75 Lt

DRILLING & PRESPLITTING OF SOLID ROCK, ITEM 125  
 E.B. 453+50 Lt - 454+75 Lt

PROPERTY LINE FENCE, ITEM 553-II  
 446+00' - 461+00' Rt.  
 446+00' - 461+00' W.B. Lt.  
 DEMOLITION & REMOVAL OF BUILDING ITEM 556  
 (4) W.B. 460+40 Lt.

\* Stage 2 Construction



SURVEYED BY Spaulding DATE 3/65  
 DRAWN BY Ebragan Collins DATE 3/65  
 TRACED BY L. Clark DATE 4/65  
 CASTLETON-IRA  
 PROJ. AP NO. 020-1(11)  
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CONTROL OF ACCESS COMPLETE ON THIS SHEET

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DRILLING & BLASTING OF SOLID  
ROCK SUBGRADE, ITEM 115  
WB. 489+75-490+25

DEMOLITION & REMOVAL OF BUILDING  
ITEM 556  
WB 461+05 Lt.

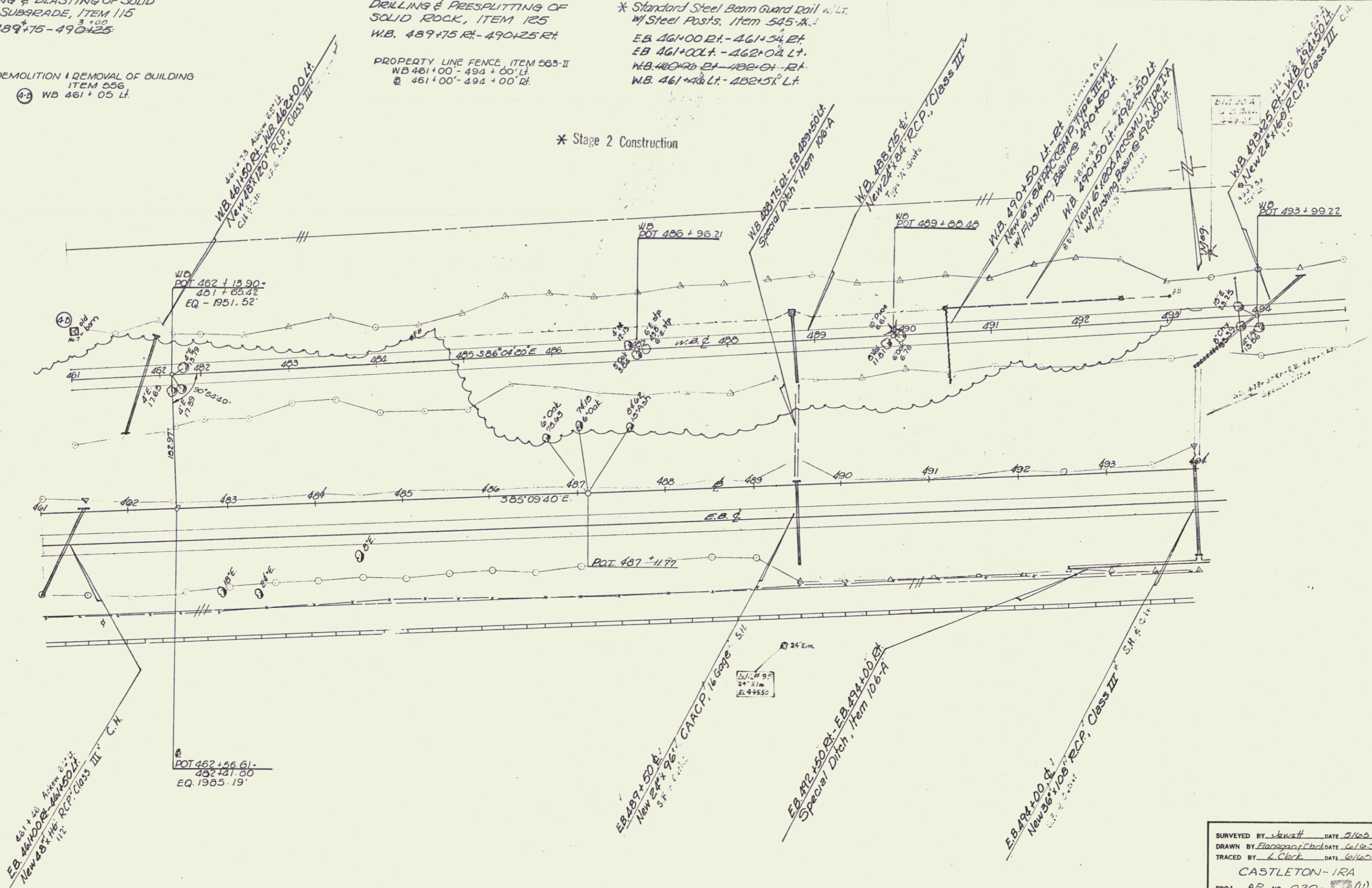
DRILLING & PRESPLITTING OF  
SOLID ROCK, ITEM 125  
WB. 489+75 Rt. - 490+25 Rt.

PROPERTY LINE FENCE, ITEM 563-II  
WB 461+00' - 494+00' Lt.  
461+00' - 494+00' Rt.

\* Standard Steel Beam Guard Rail w/Lt.  
w/ Steel Posts, Item 545-A

EB 461+00 Rt. - 461+54 Lt.  
EB 461+00 Lt. - 462+04 Rt.  
WB 460+20 Rt. - 462+04 Rt.  
WB 461+48 Lt. - 462+15 Lt.

\* Stage 2 Construction



SURVEYED BY Jawatt DATE 5/65  
 DRAWN BY Flanagan/Clark DATE 6/65  
 TRACED BY J. Clark DATE 6/65  
 CASTLETON-1RA  
 PROJ. AP NO. 020- (11)  
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CONTROL OF ACCESS COMPLETE ON THIS SHEET

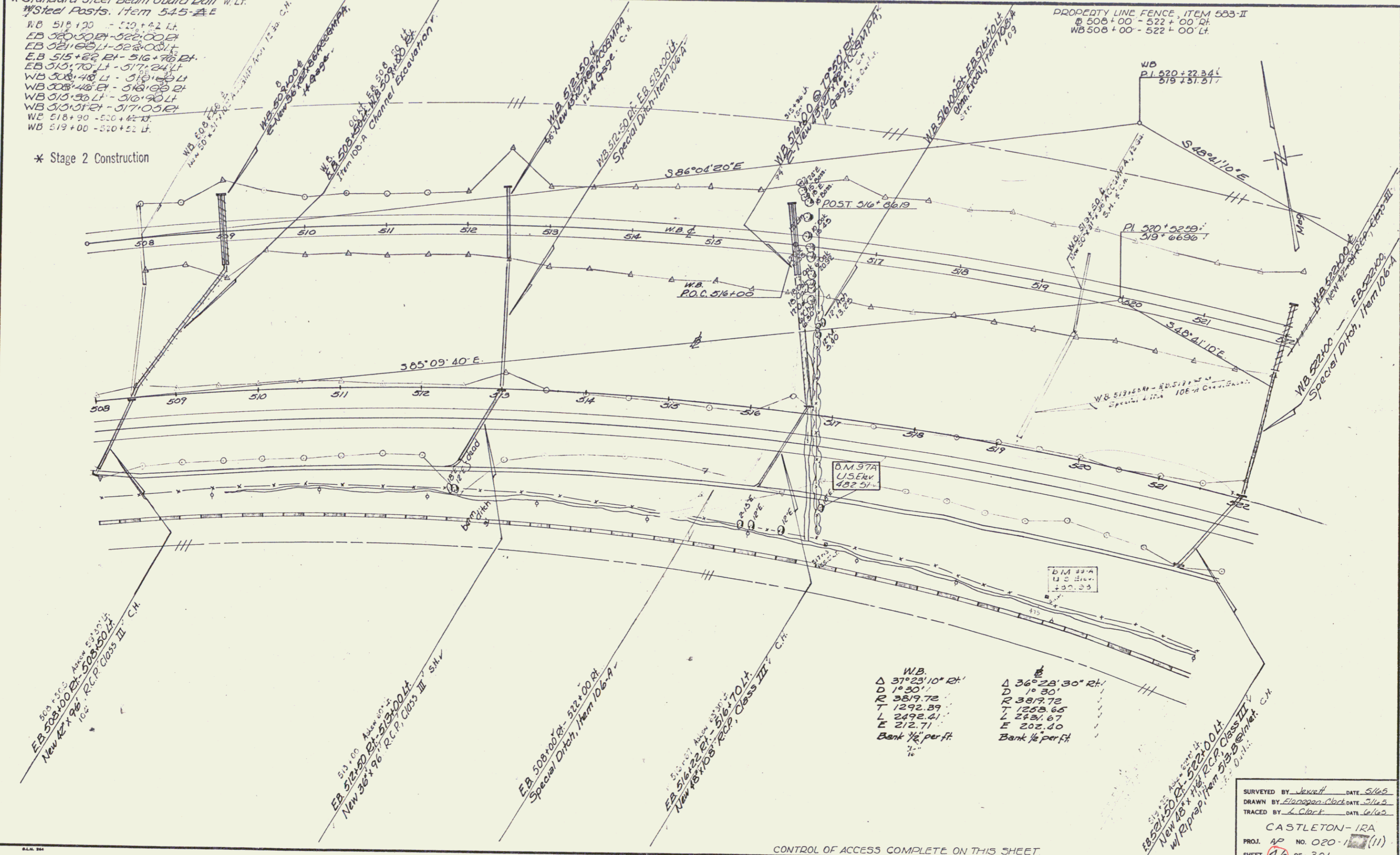
Stage 2 Construction Sheet 63 of 170 sheets



\* Standard Steel Beam Guard Rail w. Lt.  
 \* Steel Posts, Item 545-A-E

WB 518+00 - 520+42 Lt.  
 EB 520+00 Rt - 522+00 Rt  
 EB 521+00 Lt - 523+00 Lt  
 EB 515+24 Rt - 516+70 Rt  
 EB 515+70 Lt - 517+24 Lt  
 WB 508+48 Lt - 510+90 Lt  
 WB 510+36 Lt - 512+80 Lt  
 WB 510+00 Lt - 517+00 Lt  
 WE 518+90 - 520+42 Rt.  
 WB 519+00 - 520+52 Lt.

\* Stage 2 Construction



PROPERTY LINE FENCE, ITEM 583-II  
 @ 508+00 - 522+00 Rt.  
 WB 508+00 - 522+00 Lt.

W.B.	E
Δ 37° 28' 10" Rt.	Δ 36° 28' 30" Rt.
D 1° 30'	D 1° 30'
R 3819.72	R 3819.72
T 1292.89	T 1255.65
L 2492.41	L 2421.67
E 212.71	E 202.40
Bank 1/2 per ft.	Bank 1/2 per ft.

SURVEYED BY J. Clark DATE 5/1/65  
 DRAWN BY E. J. Clark DATE 5/1/65  
 TRACED BY J. Clark DATE 6/1/65  
 CASTLETON - IRA  
 PROJ. NO. 020-1(11)  
 SHEET 46 OF 301

CONTROL OF ACCESS COMPLETE ON THIS SHEET

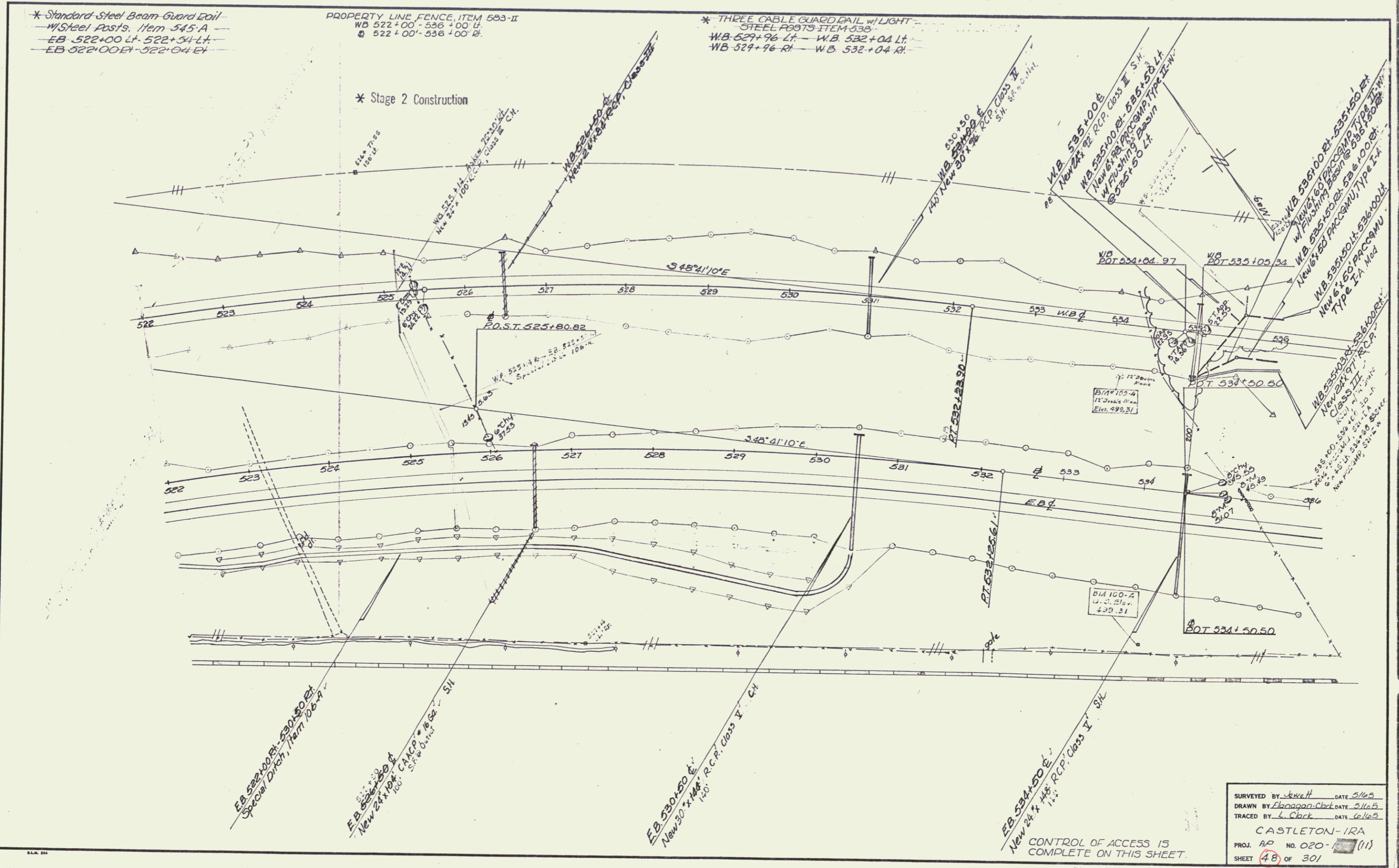
Stage 2 Construction Sheet 67 of 170 Sheets

\* Standard Steel Beam Guard Rail  
 w/ Steel Posts, Item 545-A  
 EB 522+00 Lt. - 522+04 Lt.  
 EB 522+00 Rt. - 522+04 Rt.

PROPERTY LINE FENCE, ITEM 503-II  
 WB 522+00 - 536+00 Lt.  
 @ 522+00' - 536+00' Rt.

\* THREE CABLE GUARD RAIL w/ LIGHT  
 STEEL POSTS ITEM 538  
 W.B. 529+96 Lt. - W.B. 532+04 Lt.  
 W.B. 529+96 Rt. - W.B. 532+04 Rt.

\* Stage 2 Construction



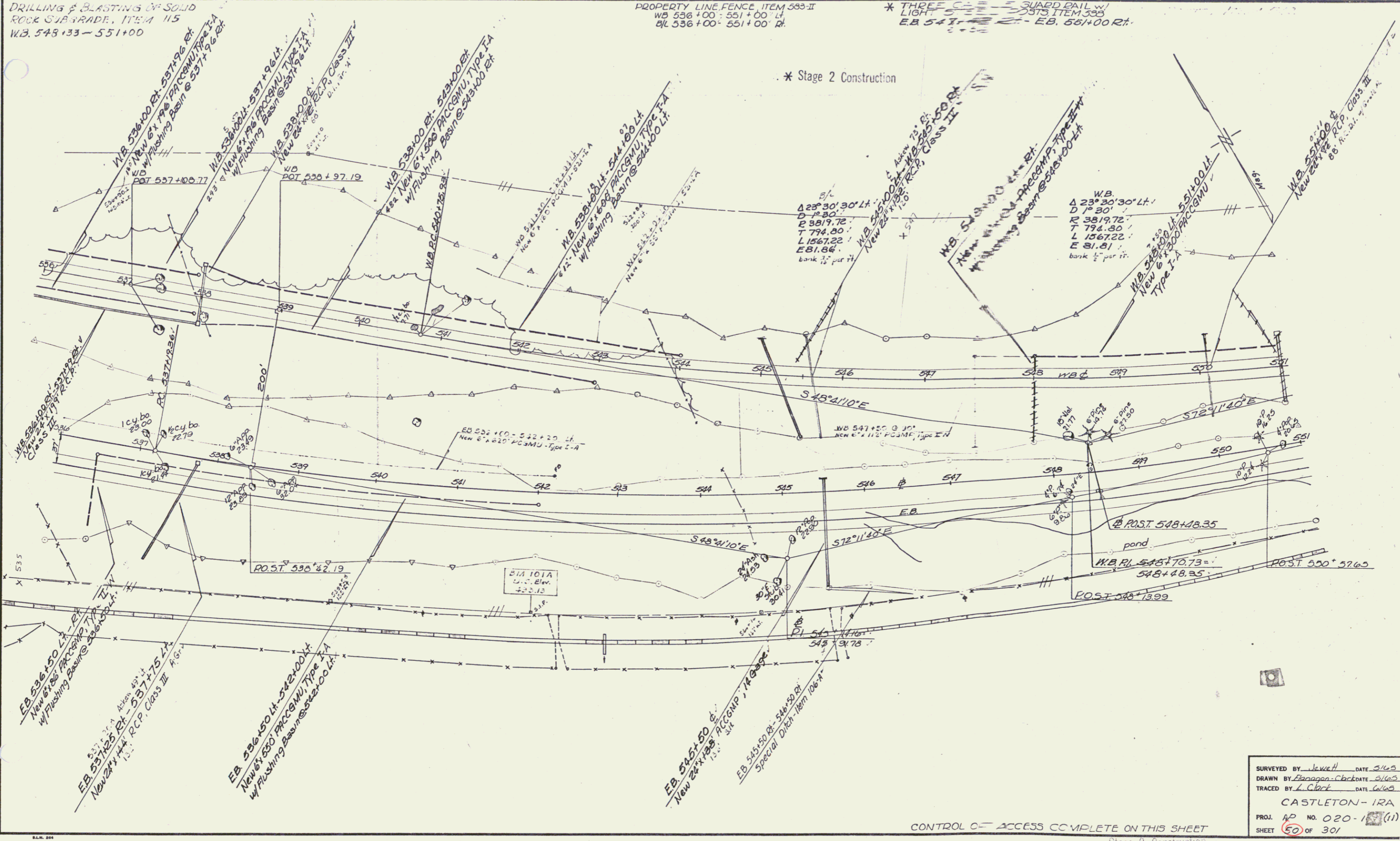
SURVEYED BY *Stewart* DATE *5/16/5*  
 DRAWN BY *Elanagan-Claib* DATE *5/16/5*  
 TRACED BY *L. Clark* DATE *5/16/5*  
 CASTLETON - IRA  
 PROJ. RD NO. 020 - (11)  
 SHEET (48) OF 301

DRILLING & BLASTING OF SOLID  
ROCK SUBGRADE, ITEM 115  
W.B. 548+33 - 551+00

PROPERTY LINE FENCE, ITEM 533-II  
WB 536+00 - 551+00 Lt.  
BL 536+00 - 551+00 Rt.

\* THREE GUARD RAIL w/  
LIGHT 2375 ITEM 333  
EB 547+00 - EB 551+00 Rt.

\* Stage 2 Construction



SURVEYED BY *J. Clark* DATE *5/14/65*  
DRAWN BY *Edgerton-Clark* DATE *5/14/65*  
TRACED BY *L. Clark* DATE *5/14/65*  
CASTLETON - IRA  
PROJ. NO. 020-1 (11)  
SHEET 50 OF 301

CONTROL C - ACCESS COMPLETE ON THIS SHEET  
Stage 2 Construction

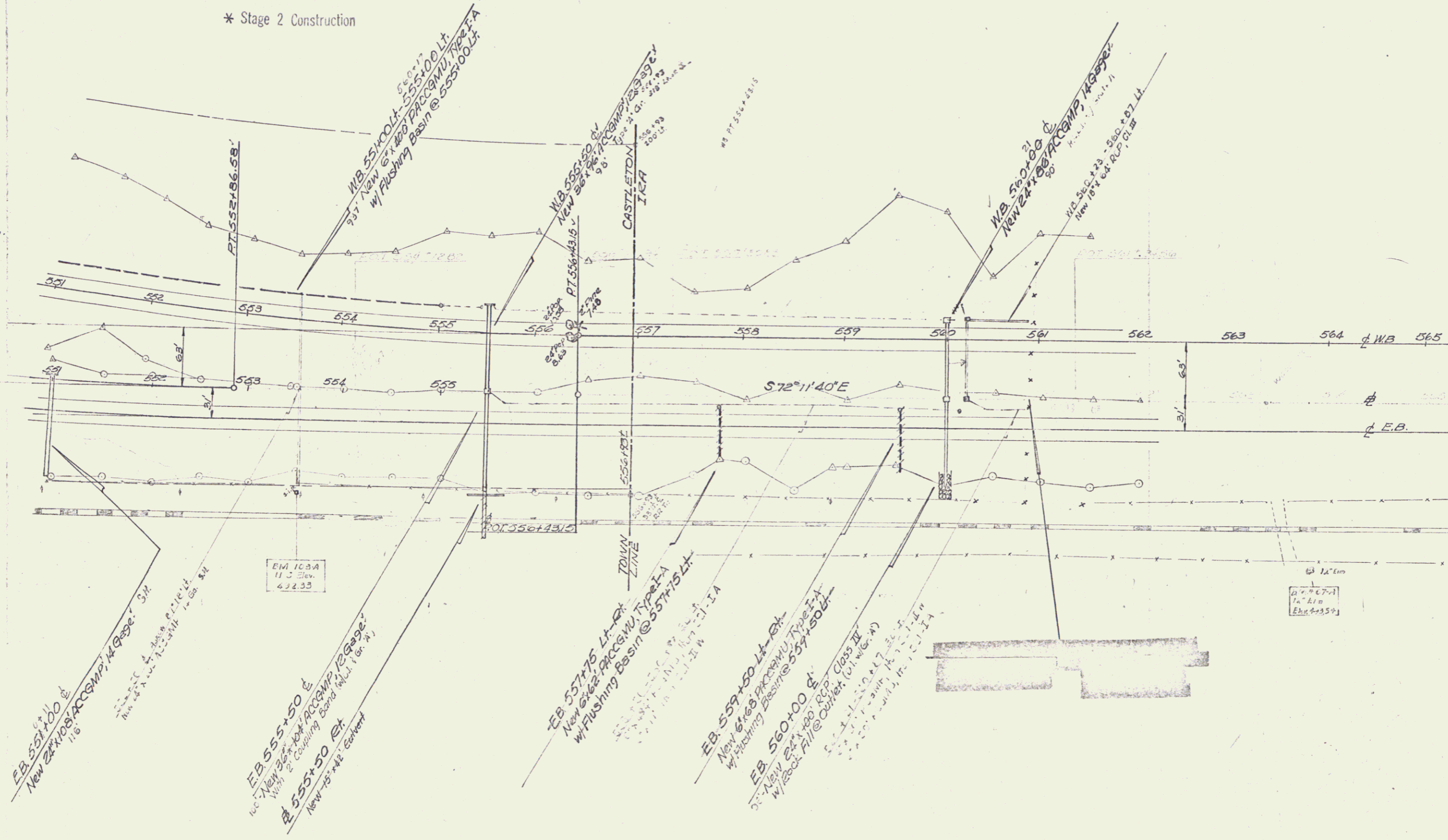
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\* THREE CABLE GUARD RAIL W/LIGHT  
STEEL POSTS ITEM 336  
EB. 557+00 RL - EB. 560+86 RL  
WB. 555+00 RL - WB. 557+56 RL  
WB. 559+74 RL - WB. 560+86 RL

DRILLING & BLASTING OF SOLID  
ROCK SURFACE, ITEM 115  
WB. 555+00 - 560+86  
EB. 557+15 - 559+50  
V.B. 557+00 - 558+00  
PROPERTY LINE FENCE, ITEM 585-II  
WB 551+00 - 560+86 L.  
BL 551+00 - 560+86 RL

DRILLING & PRESPLITTING OF  
SOLID ROCK, ITEM 125  
WB. 557+15 - 559+50 RL  
EB. 557+15 - 559+50 LH  
V.B. 556+11 - 556+81

\* Stage 2 Construction



CONTROL OF ACCESS COMPLETE TO END  
OF PROJECT F020-1(4), @ STA 560+00.

Stage 2 Construction

CASTLETON  
AP  
52 30/  
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