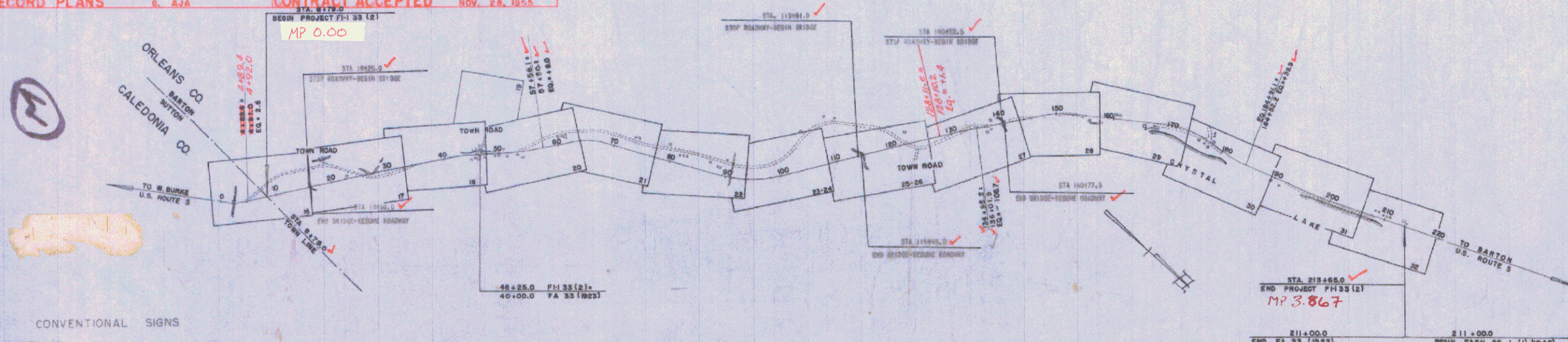


INDEX OF SHEETS

SHEET NO.	1	TITLE PAGE
2-3	2-3	TYPICAL CROSS SECTION OF IMPROVEMENT - 3" GRAVEL-MASTIC MIXED IN PLACE SURFACE COURSE WITH 4" ASPHALT
4	4	PAVING AND WEARING TABLES
5-6	5-6	QUANTITY SHEETS (1750)
7-8	7-8	QUANTITY SHEETS (DRAINAGE)
9-15	9-15	PAVING SHEETS
16-22	16-22	PAVING SHEETS
23	23	DETAILS OF R.C. BOX STA 2810
24	24	DETAILS OF R.C. BOX STA 2814
25	25	REINFORCING STEEL SCHEDULE
26	26	DETAILS OF CONCRETE SLAB 14x20.0-14x20.5
27	27	DETAILS OF ABUTMENT NO. 1 14x20.0
28	28	DETAILS OF ABUTMENT NO. 2 14x20.0
29	29	REINFORCING STEEL SCHEDULE 14x20.0, 14x20.5, 14x20.5
30	30	DETAILS OF SUPERSTRUCTURE 14x20.0
31	31	DETAILS OF ABUTMENT NO. 1 14x20.0
32	32	DETAILS OF ABUTMENT NO. 1 14x20.5
33	33	DETAILS OF ABUTMENT NO. 2 14x20.5
34	34	CONSTRUCTION DETAILS CO (DRAINAGE AND MARKERS)
35	35	CONSTRUCTION DETAILS CO-1 (DITCHES)
36	36	CONSTRUCTION DETAILS CO-2 (TYPICAL BRIDGING)
37	37	STANDARD STRUCTURE SHEET 5-40 (BRIDGES SIGNS AND LIGHTS)
38	38	STANDARD STRUCTURE SHEET 5-40-40 (THREE CABLE GUARD RAIL WITH STEEL POSTS)
39	39	STANDARD STRUCTURE SHEET 5-40-40 (THREE CABLE GUARD RAIL WITH STEEL POSTS)
40	40	STANDARD STRUCTURE SHEET 5-40-40 (THREE CABLE GUARD RAIL WITH STEEL POSTS)
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100	100	STANDARD STRUCTURE SHEET 5-40-40 (THREE CABLE GUARD RAIL WITH STEEL POSTS)

STANDARD STRUCTURE SHEET APPROVED BY THE CHIEF ENGINEER, VERMONT STATE DEPARTMENT OF HIGHWAYS

PROJECT NAME & NUMBER	TYPE	PAVEMENT AREA
BARTON FI-1 33 (2)	HOT MIX MACADAM	65,700 S.Y.
RECORD PLANS		
MATERIALS		
SUB-BASE OF GRAVEL	PARIS PIT, GLOVER	REINF. STEEL J.T. RYERSON & SONS, CAMBRIDGE, MASS.
CR. GRAVEL	PARIS PIT, GLOVER	R.C.P.
REFINED TAR	BARRETT CO., HALDEN, MASS.	A.C.C.M.R. BERGER MET. CULV. CO., WESTMINSTER, STA.
CTBK. ASPHALT	SOC. VACUUM, E. PROV. R.I.	G.R. CABLE AM. STEEL & WIRE CO., NEW HAVEN, CONN.
CEMENT	ESSO CO., EVERETT, MASS.	G.R. PAINT WARNER BRISWOLD CORP., ESSEX, JOT.
CONC. AGG.	GLENS FALLS PORT, DEN. CO., GLENS FALLS, N.Y.	MACADAM AGG. CAULKINS PL., COVENTRY
PEN. ASPHALT	MADEAU PL., JOHNSON	6" UNDERDRAIN H.E. METAL CULV. CO., BOSTON, MASS.
CONTRACTOR	H. J. O'DONNELL, LTD.	CONTRACT DATED MAY 14, 1954
RESIDENT ENG'R.	E. GLYSSON	CONTRACT STARTED MAY 24, 1954
INSPECTORS	T. RAMBOUR	CONTRACT COMPLETED NOV. 28, 1955
RECORD PLANS	G. A.J.A.	CONTRACT ACCEPTED NOV. 28, 1955



CONVENTIONAL SIGNS

COUNTY LINE	_____
TOWN LINE	_____
FENCE LINE	_____
STONE WALL	_____
UNFENCED PROPERTY	_____
GUARD RAIL	_____
TRAVELED WAY	_____
RAILROAD	_____
RETAINING WALL	_____
CENTER LINE	_____
SURVEY LINE	_____
CULVERT	_____
DROP INLET	_____
TROLLEY POLE	_____
POWER POLE	_____
TELEPHONE POLE	_____
TREES	_____
HEDGE	_____

GROUND ELEVATION	STATION
_____	_____
SPACE 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 SUB-TANGENT _____

TITLE	SCALE
TYPICAL	1" = 100'
PLAN	1" = 100'
PROFILE	1" = 10'
CROSS-SECTIONS	1" = 10'

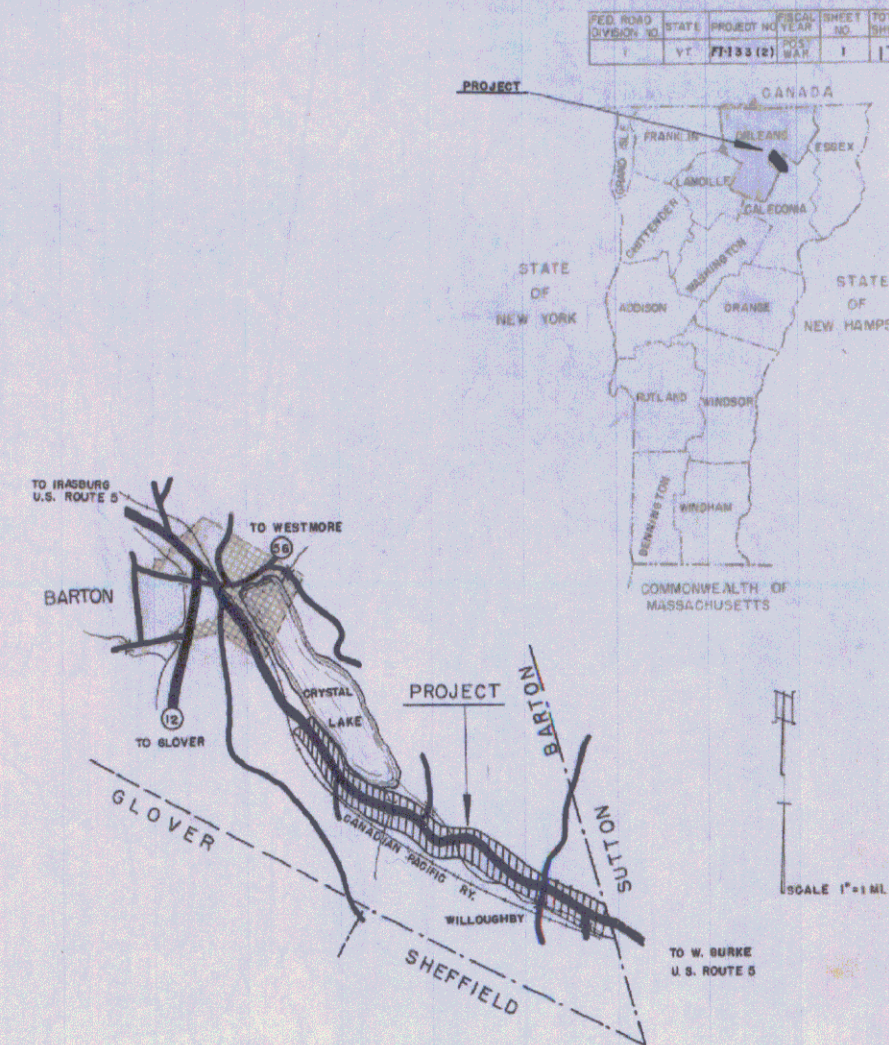
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

FEDERAL INTERSTATE PROJECT

TOWN OF BARTON
COUNTY OF ORLEANS
U.S. ROUTE 5
W. BURKE-BARTON ROAD

BEGINNING AT THE SUTTON-BARTON TOWN LINE AND EXTENDING NORTHWESTERLY 20,426.2 FEET (INCLUDING BRIDGES)

LENGTH OF ROADWAY 20,322.2 = 3.849 MILES
LENGTH OF BRIDGES 104.0 = 0.019 MILE
LENGTH OF PROJECT 20,426.2 = 3.868 MILES



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 THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1948, AS APPROVED JULY 25, 1949 BY THE BUREAU OF PUBLIC ROADS, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED	CONSTRUCTION ENGINEER	APPROVED	MARCH 29 1954	APPROVED	MARCH 19 1954	APPROVED	MARCH 19 1954	APPROVED	MARCH 29 1954	PROJECT	FI-1 33 (2)
DATE	_____	DATE	_____	DATE	_____	DATE	_____	DATE	_____		

REMOVAL AND DISPOSAL OF
PRESENT GUARD RAIL:
LT 1186-216
2175-2158
RT 1170-2109
2195-2150
EXCAVATION & REMOVAL OF ROAD
SURFACE ON DISCONTINUED HIGHWAYS
5+20 LT - 14+00

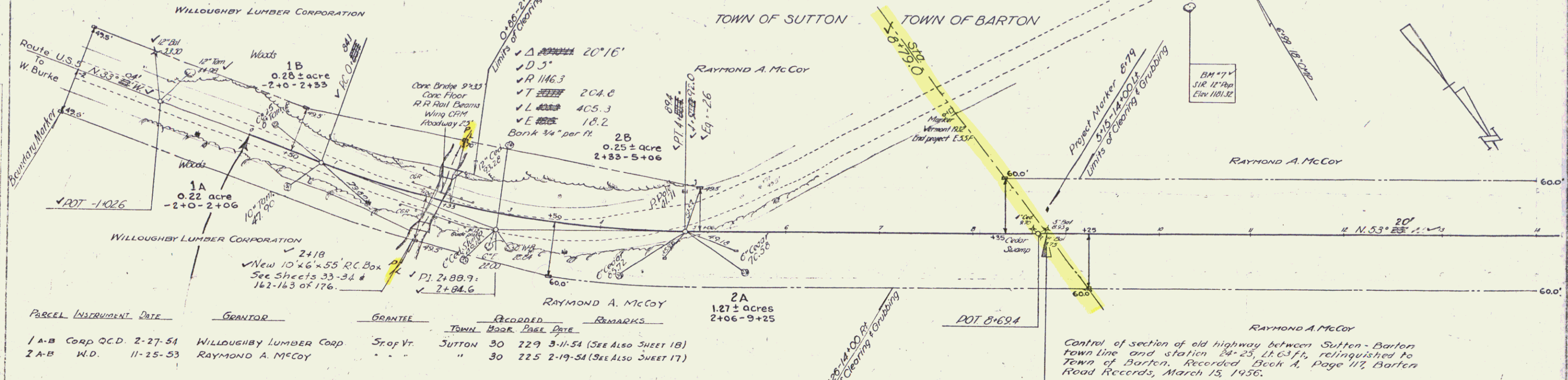
COUNTY OF
CALEDONIA

COUNTY OF
ORLEANS

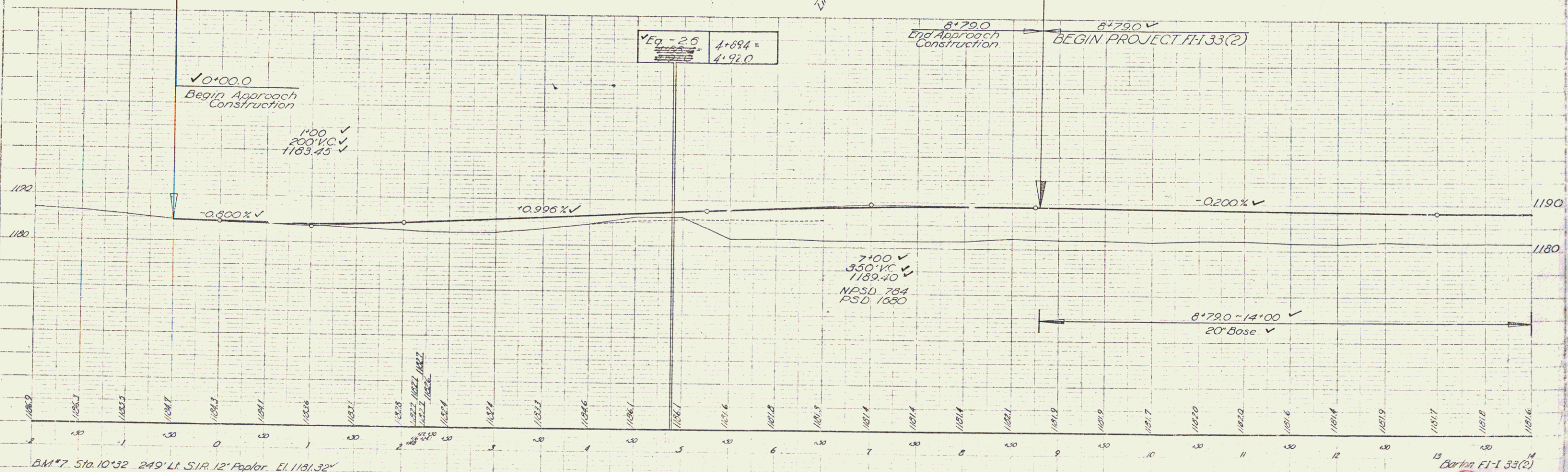
THREE CABLE GUARD RAIL
WITH STEEL POSTS
LT 1130-2190
1170-2183
RT 1130-2190
1140-3196

TOWN OF SUTTON

TOWN OF BARTON



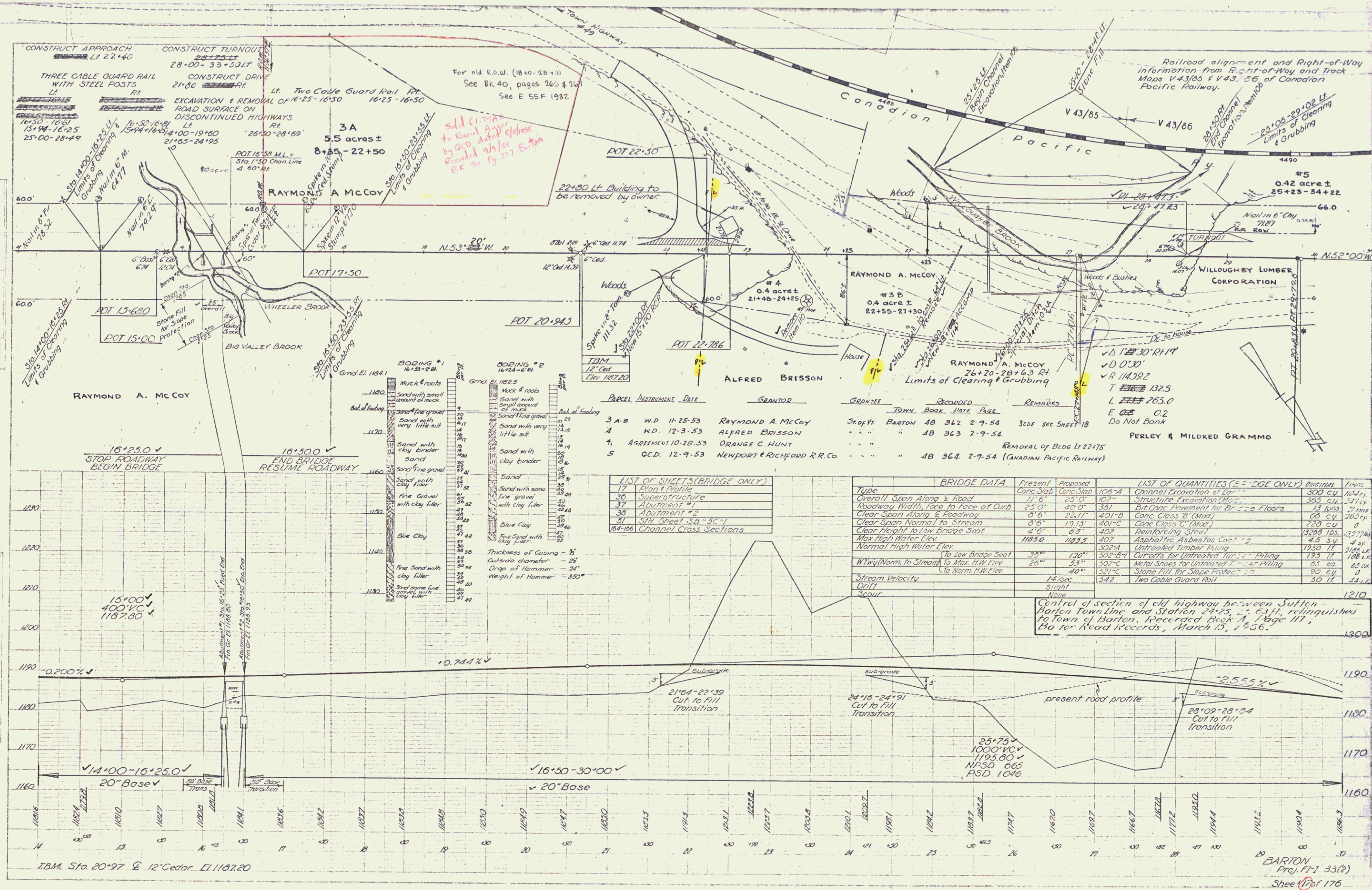
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	TOWN	BOOK	PAGE	DATE	REMARKS
1A-B	Corp Q.C.D.	2-27-54	WILLOUGHBY LUMBER CORP.	St. of Vt.	SUTTON	30	229	3-11-54	(SEE ALSO SHEET 18)
2A-B	W.D.	11-25-53	RAYMOND A. MCCOY	"	"	30	225	2-19-54	(SEE ALSO SHEET 17)

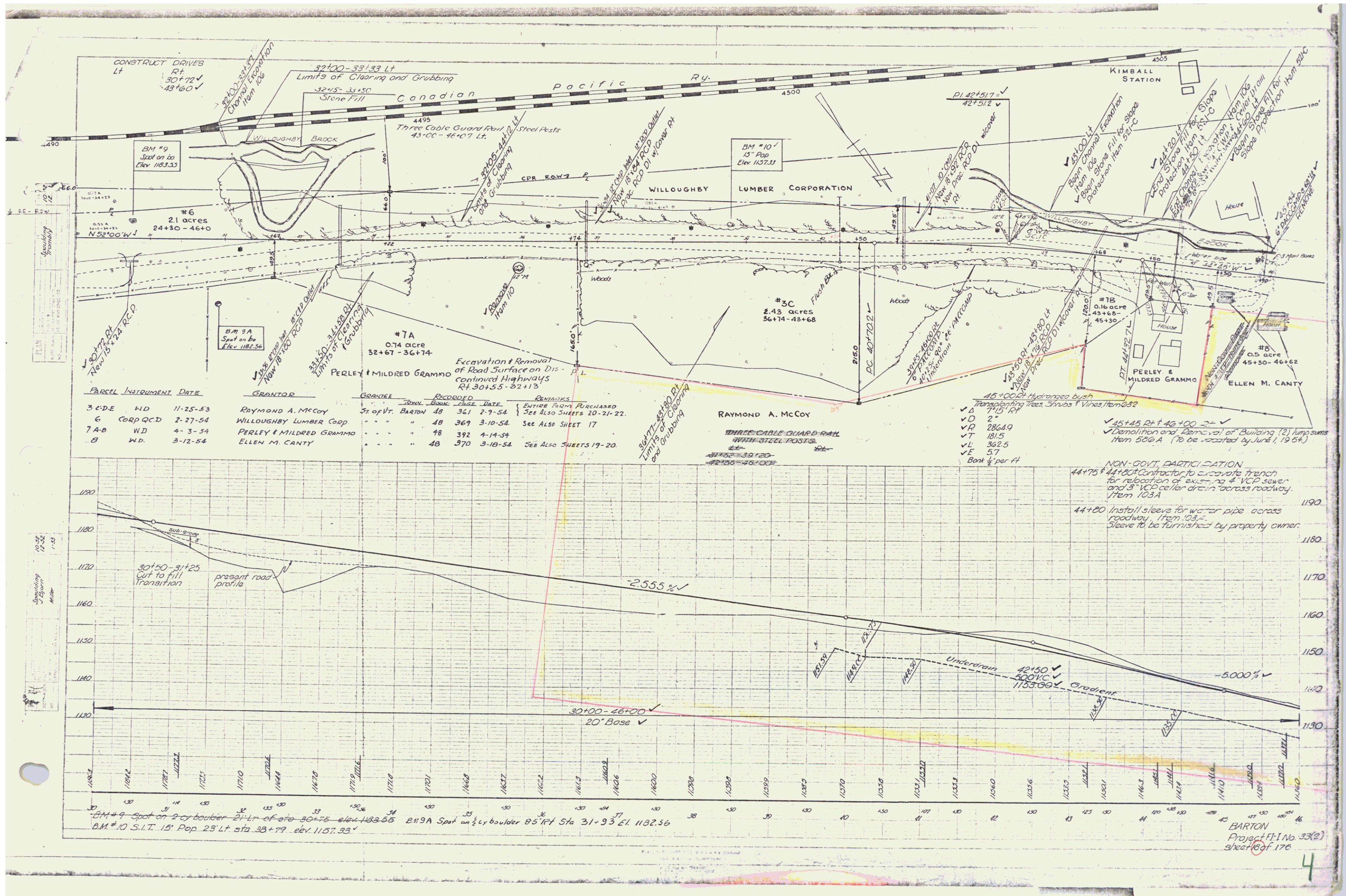


B.M. #7 Sta. 10+32 249' Lt. S.I.R. 12" Poplar. El. 1181.32'

Barton F1-133(2)
Sheet 16 of 170

2





PARCEL INSTRUMENT DATE

3-C-D-E	W.D.	11-25-53
6	CORP QCD	2-27-54
7-A-B	W.D.	4-3-54
8	W.D.	3-12-54

GRANTOR

RAYMOND A. MCCOY
WILLOUGHBY LUMBER COOP.
PERLEY & MILDRED GRAMMO
ELLEN M. CANTY

GRANTEE

JOHN B. BARTON
J. B. BARTON
J. B. BARTON
J. B. BARTON

RECORDED

BOOK PAGE DATE
48 361 2-9-54
48 369 3-10-54
48 392 4-14-54
48 370 5-18-54

REMARKS

ENTIRE TRACT PURCHASED
See Also SHEETS 19-20
See Also SHEETS 19-20
See Also SHEETS 19-20

RAYMOND A. MCCOY

THREE CABLE GUARD RAIL

WITH STEEL POSTS

SEE SHEET 19-20

SEE SHEET 19-20

SEE SHEET 19-20

SEE SHEET 19-20

SEE SHEET 19-20

SEE SHEET 19-20

SEE SHEET 19-20

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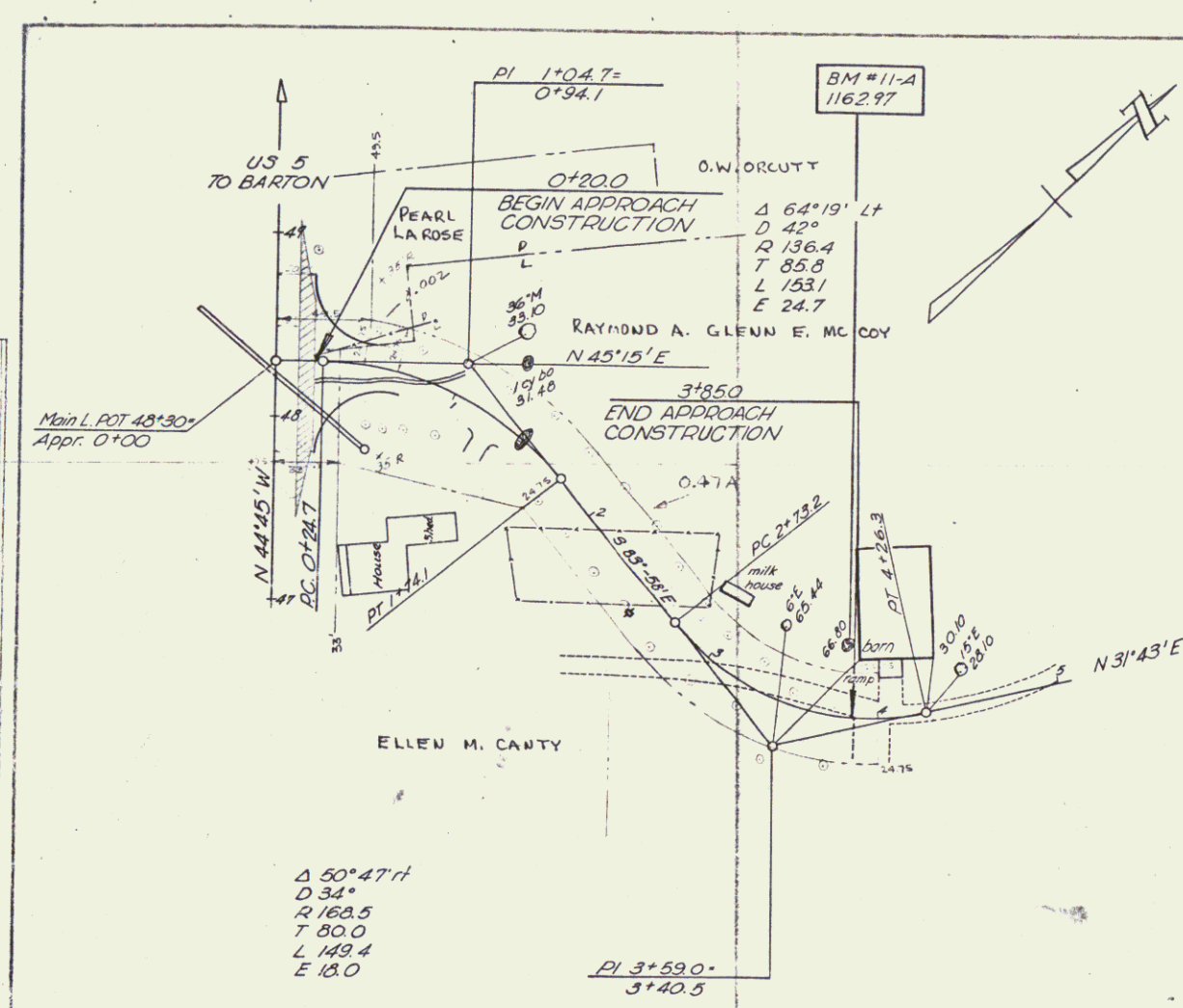
SEE SHEET 19-20

SEE SHEET 19-20

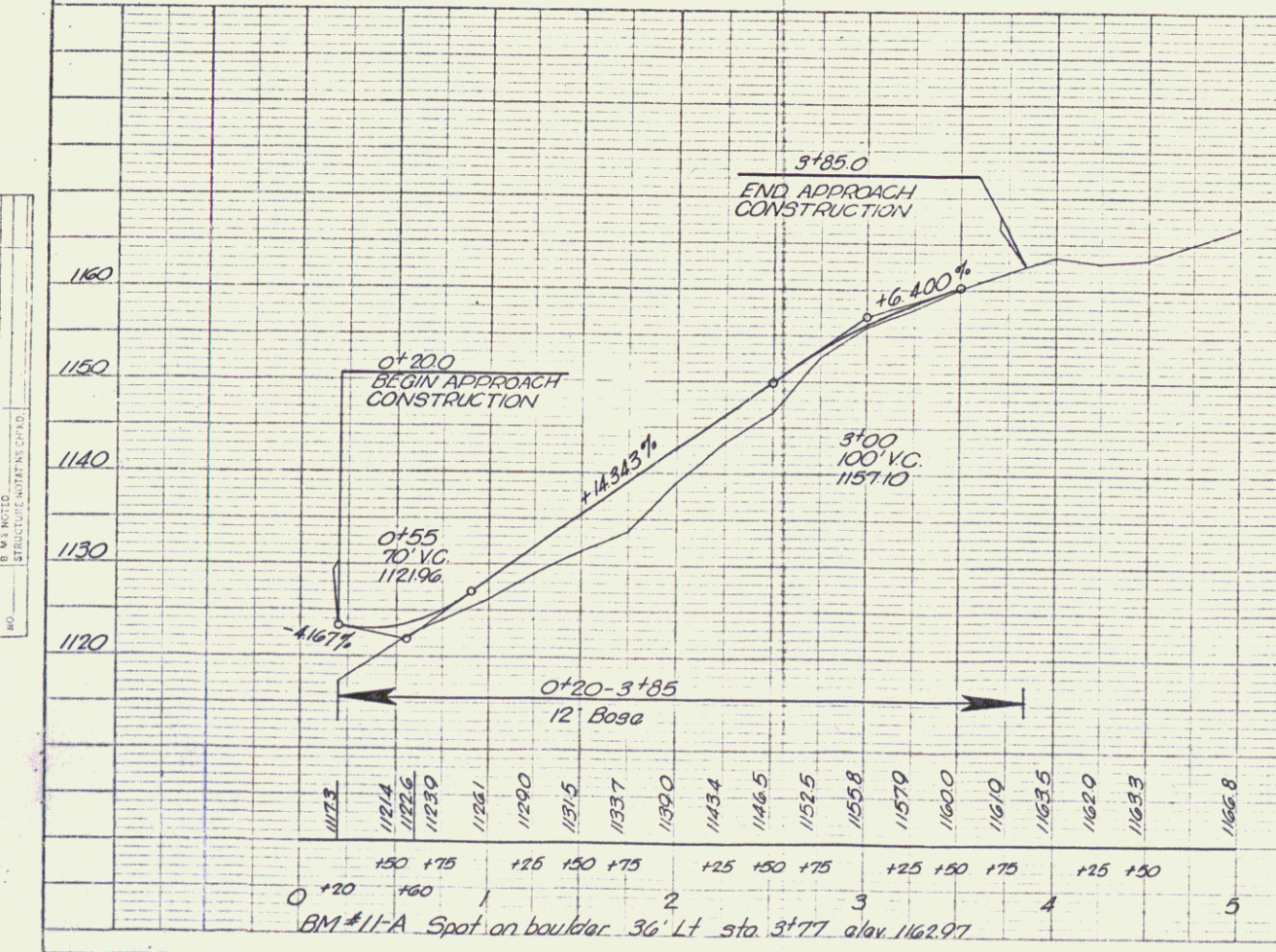
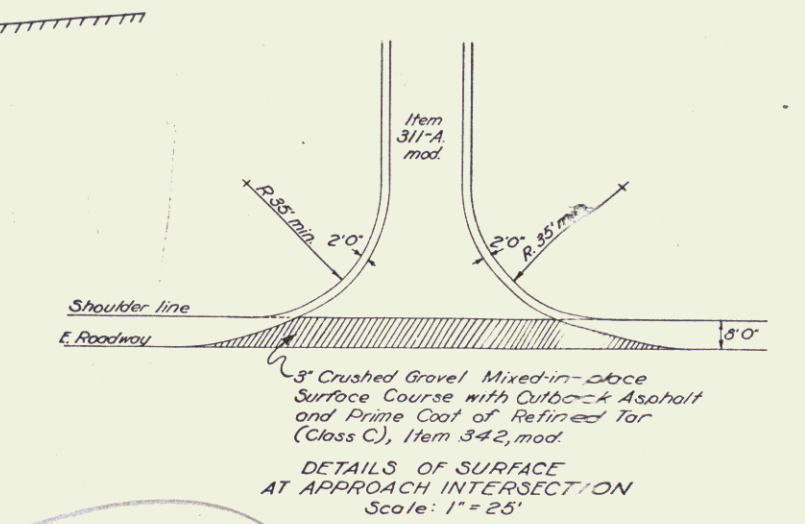
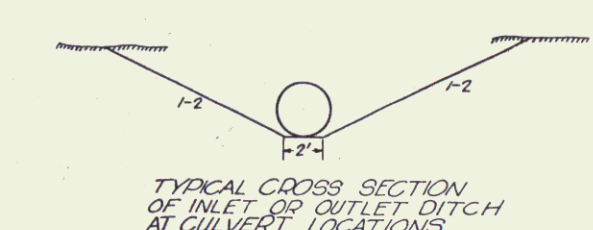
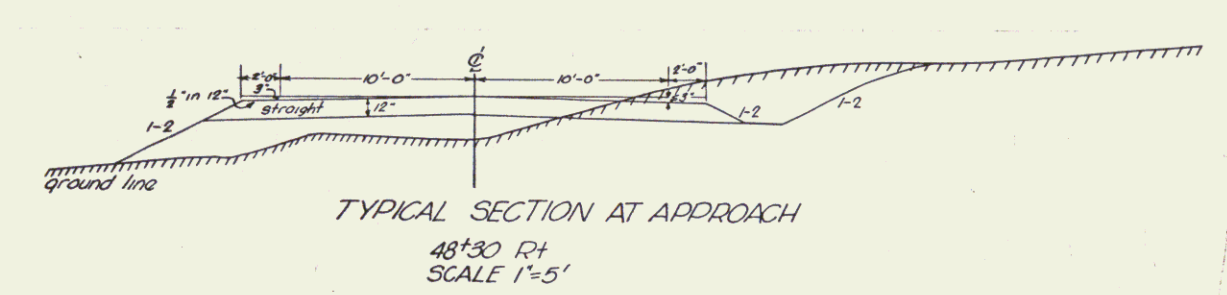
BARTON
Project #1 No. 33(2)
sheet 10 of 170

PLAN
 PREPARED BY
 CHECKED BY
 DATE OF PREPARED
 DATE OF CHECKED

FILE
 PROJECT
 SHEET
 DATE

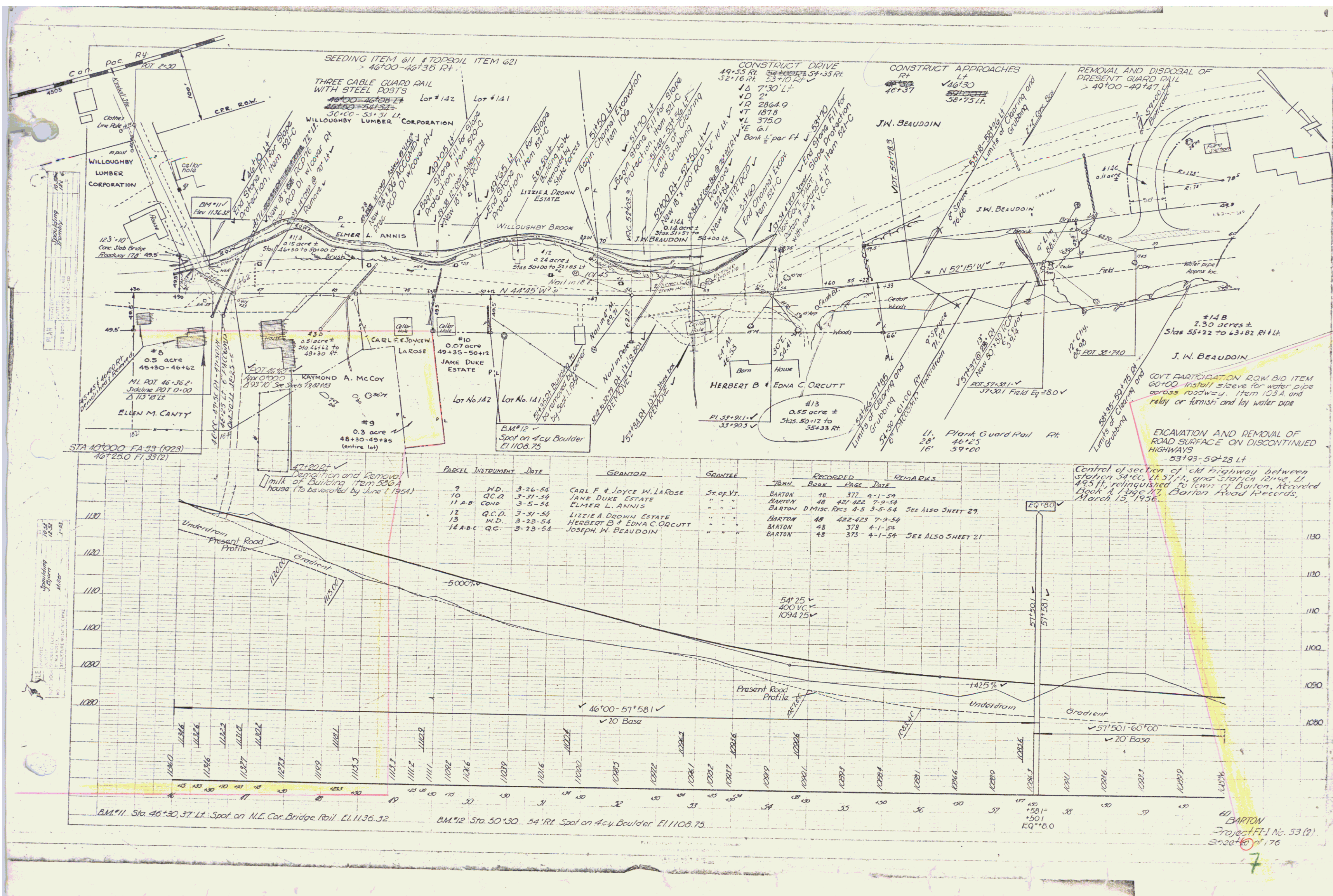


CONSTRUCT DRIVES
 1+25 Rt



VOID

BARTON
 Project #1 No 332
 sheet 19A of 170



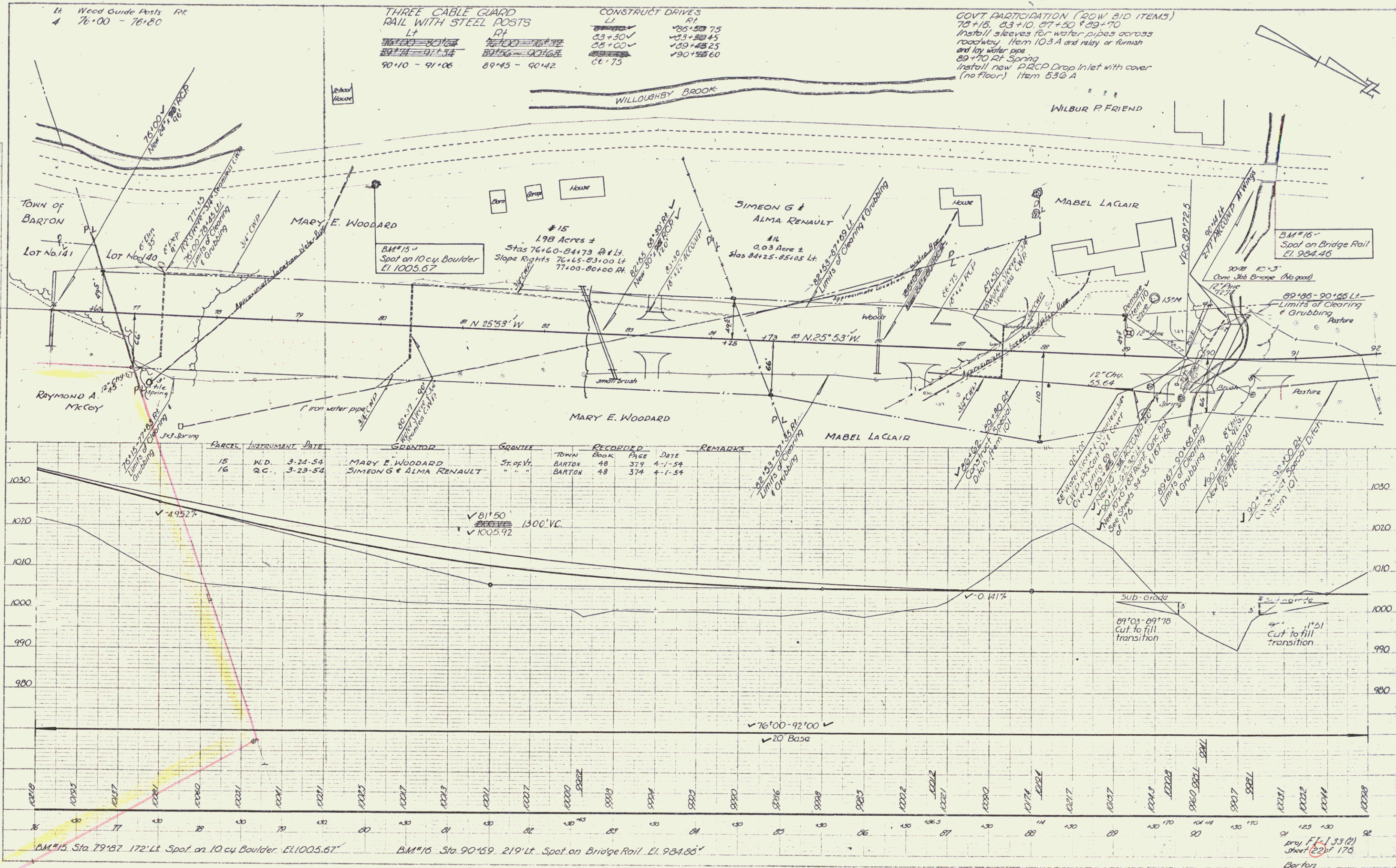
Lt Wood Guide Posts RT
4 76+00 - 76+80

THREE CABLE GUARD
RAIL WITH STEEL POSTS
LT RT
76+00-80+68 76+00-76+37
89+74-91+34 89+56-90+68
90+10-91+06 89+45-90+42

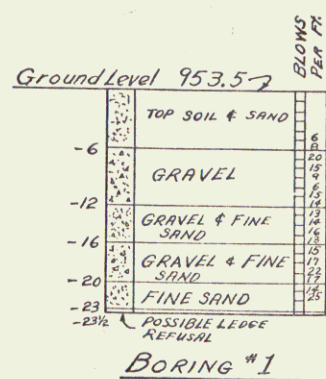
CONSTRUCT DRIVES
LT RT
83+50V 86+58.75
83+50V 83+50.45
89+45.25 89+45.25
86+75 89+58.60

GOVT PARTICIPATION (ROW B/D ITEMS)
73+15, 83+10, 87+50, 89+70
Install sleeves for water pipes across
roadway. Item 103A and relay or furnish
and lay water pipes
89+70 Rt Spring
Install new 22" Drop Inlet with cover
(no floor) Item 536A

PLAN
REVISIONS
NO. BY DATE
1. BY 10/23/54
2. BY 10/23/54
3. BY 10/23/54
4. BY 10/23/54
5. BY 10/23/54
6. BY 10/23/54
7. BY 10/23/54
8. BY 10/23/54
9. BY 10/23/54
10. BY 10/23/54

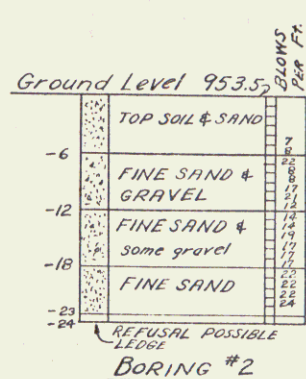


BRIDGE DATA	
Type	Present Proposed
Overall Span Along E. of Flood	125' 54.0"
Roadway Width, Face to Face of Curb	190' 40.0"
Clear Span Along E. of Roadway	140' 49.4"
Clear Span Normal to Stream	130' 46.8"
Clear Height to Low Bridge Seat	60' 10.0"
Max High Water Elev.	958.4
To Low Bridge Seat	79' 290.0"
Waterway To Max. H.W. Elev.	724"
To Norm. H.W. Elev.	70' 133.0"
Normal High Water Elev.	955.8
Drift	none
Stream Velocity	7.5/sec.
Scour	none



BORING #1

Blows per foot indicate the number of blows necessary to drive a casing, whose outside diameter is 2 1/2" and whose thickness is 3/8" one foot, using a hammer which weighs 350 pounds and drops 24".

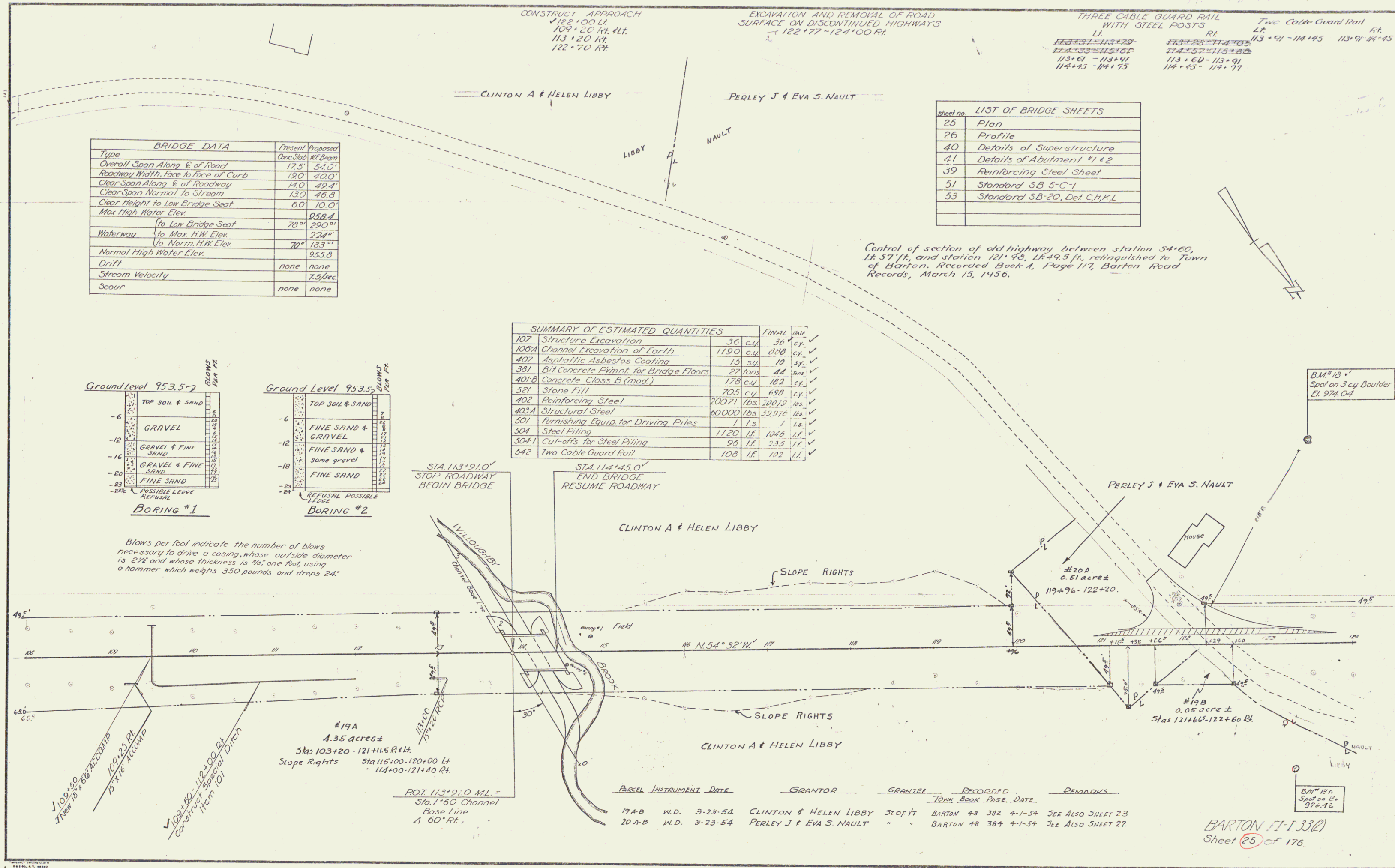


BORING #2

SUMMARY OF ESTIMATED QUANTITIES		Final Unit
107 Structure Excavation	36 cu.	36' ex.
106A Channel Excavation of Earth	1190 cu.	1190' ex.
407 Asphaltic Asbestos Coating	15 sq.	10' ex.
381 Bit Concrete Piment for Bridge Floors	27 tons	44' ex.
401B Concrete Class B (mod.)	178 cu.	182' ex.
521 Stone Fill	705 cu.	698' ex.
402 Reinforcing Steel	20071 lbs.	20071' ex.
403A Structural Steel	60000 lbs.	29,916' ex.
501 Furnishing Equip for Driving Piles	1 ls.	1' ex.
504 Steel Piling	1120 lf.	1046' ex.
504-1 Cut-offs for Steel Piling	96 lf.	235' ex.
542 Two Cable Guard Rail	108 lf.	102' ex.

Sheet No.	LIST OF BRIDGE SHEETS
25	Plan
26	Profile
40	Details of Superstructure
41	Details of Abutment #1 & 2
39	Reinforcing Steel Sheet
51	Standard SB 5-C-1
53	Standard SB-20, Det. C,H,K,L

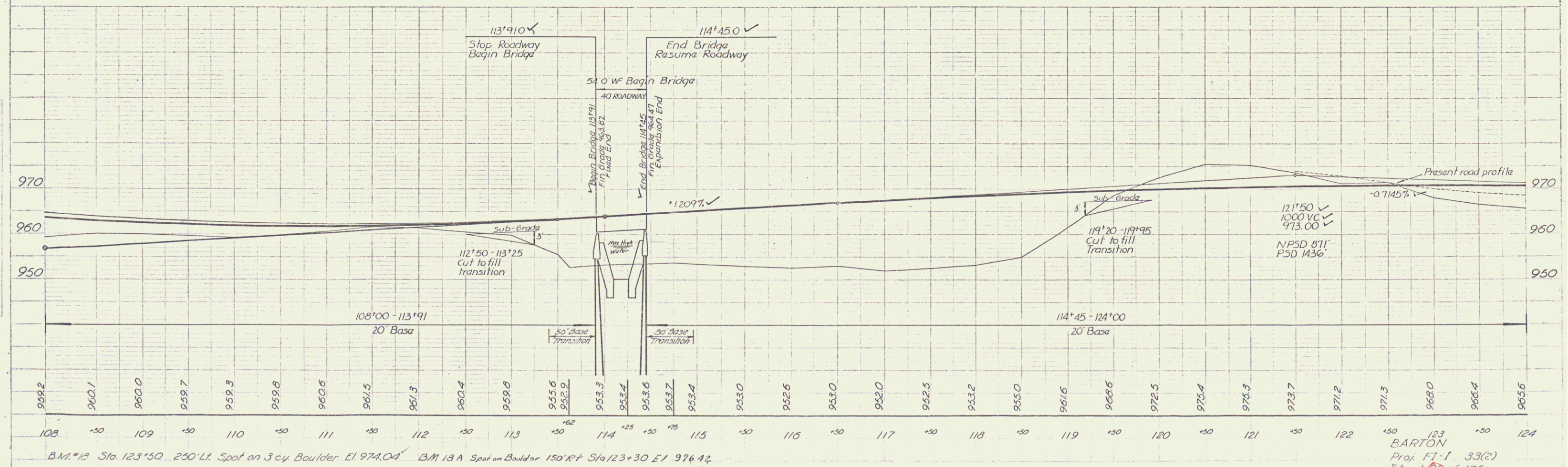
Control of section of old highway between station 54+60, Lt. 37 ft., and station 121+95, Lt. 49.3 ft., relinquished to Town of Barton. Recorded Book A, Page 117, Barton Road Records, March 15, 1956.

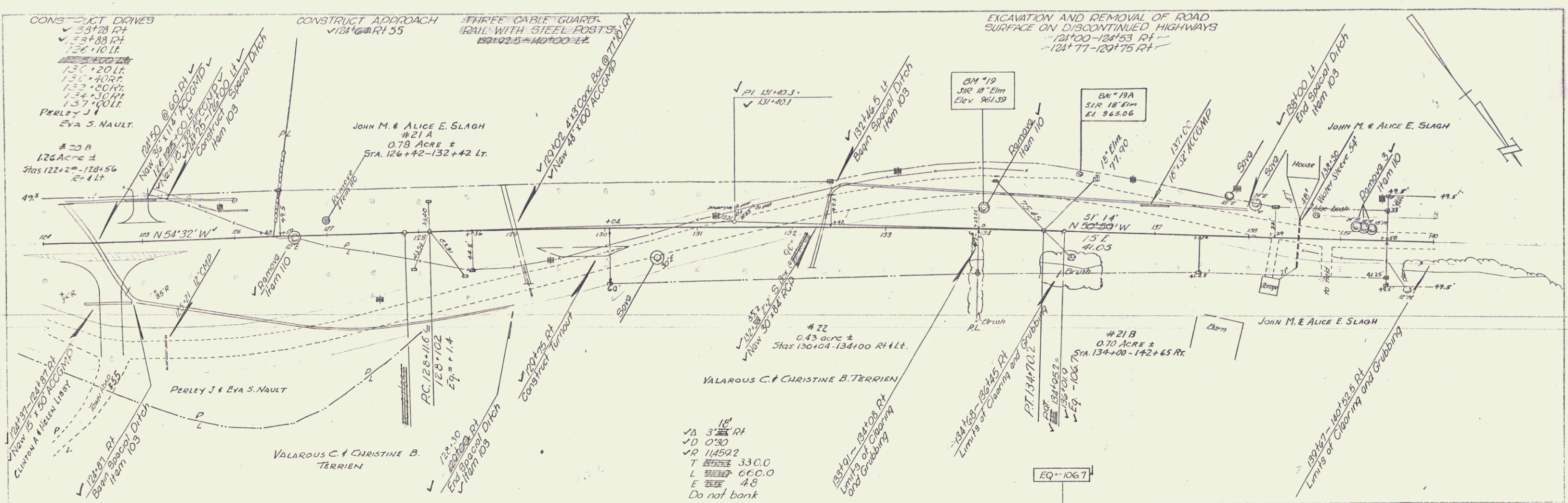


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
19A-B	W.D.	3-23-54	CLINTON & HELEN LIBBY	STOFY	BARTON 48 382 4-1-54	SEE ALSO SHEET 23
20A-B	W.D.	3-23-54	PERLEY J & EVA S. NAULT	"	BARTON 48 384 4-1-54	SEE ALSO SHEET 27

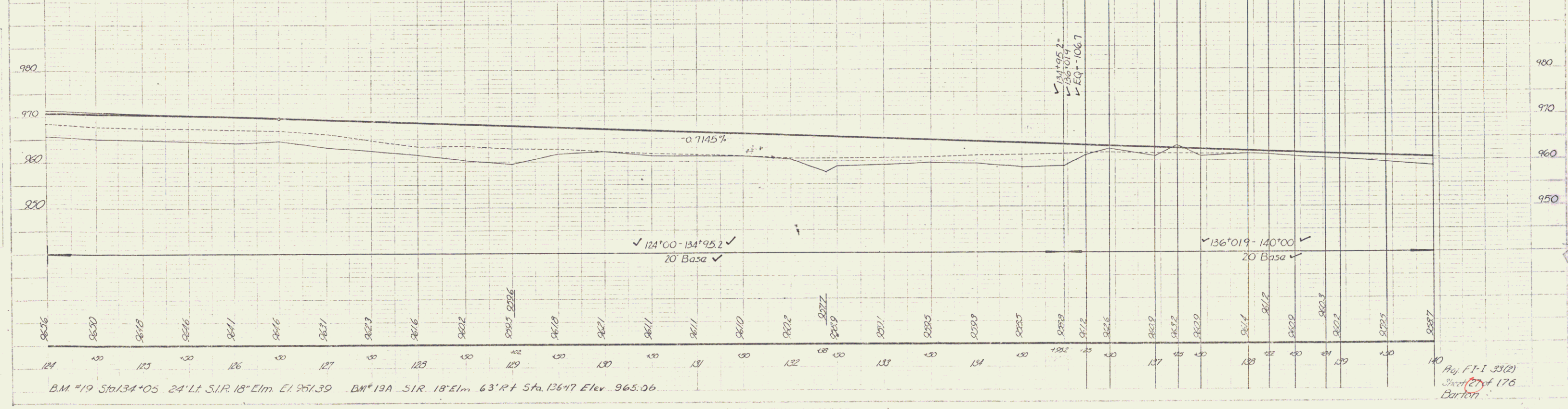
BARTON FI-133(2)
Sheet (25) of 176

1932	SHAWLING TROMBLY
1933	MILLER



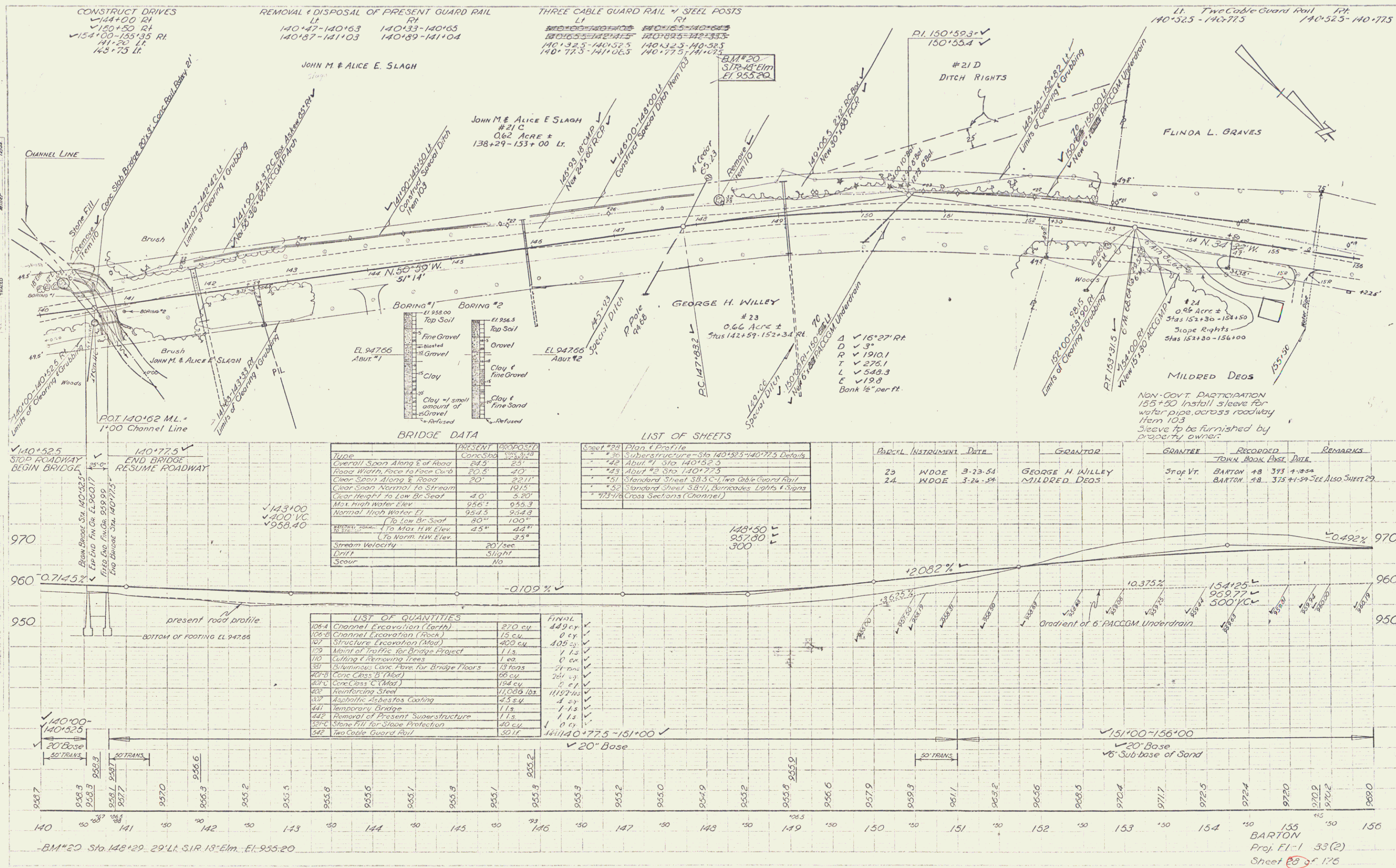


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	TOWN	BOOK	PAGE	DATE	REMARKS
21A-B-C	Q.C.	4-5-54	JOHN M. & ALICE E. SLAGH	JOEY	BARTON	48	391	4-18-54	SEE ALSO SHEET 28
22	W.D.E.	3-23-54	VALAROUS C. & CHRISTINE B. TERRIEN	"	"	48	385	4-1-54	
21D	Q.C.D.	8-10-54	JOHN M. & ALICE E. SLAGH	"	"	48	452	8-13-54	



B.M. #19 Sta 134+05 24' Lt. S.I.R. 18" Elm. El. 951.39 B.M. #19A S.I.R. 18" Elm. 63' Rt Sta. 126+77 Elev. 965.06

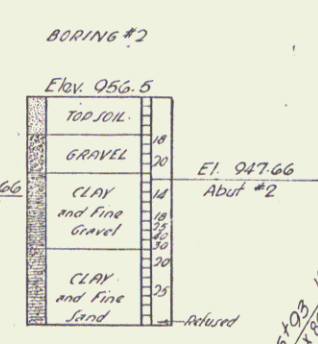
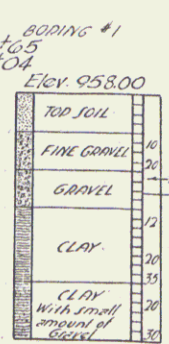
Adj. F.T.-I 33(2)
Sheet 176
Barton



CONSTRUCT DRIVES
155+34 RT
156+00 RT

THREE CABLE GUARD RAIL
WITH STEEL POSTS
RT
140+00-140+25 140+16.5-140+64.5
140+65.5-142+41.5 140+89.5-142+33.5

REMOVAL AND DISPOSAL OF
PRESENT GUARD RAIL
RT
140+47-140+63 140+33-140+65
140+87-141+03 140+80-141+04



B.M. #20
S.I.R. 18' Elm.
Elev 955.20

BRIDGE DATA

Type	PRESENT	PROPOSED
Overall Span along a Road	24.5'	25'
Road width face to face Curb	20.5'	40'
Clear Span along a Road	20'	22.11'
Clear Span Normal to Stream	40'	41.5'
Clear Height to Low Br. Seat	5.30'	5.30'
Max. High water Elev.	956.4	956.3
Normal High water Elev.	954.5	954.8
Waterway To Low Br. Seat	80"	100"
Normal To Normal H.W. Elev.	43"	44"
Stream Velocity	20/sec	slight
Drift	NO	NO
Scour	NO	NO

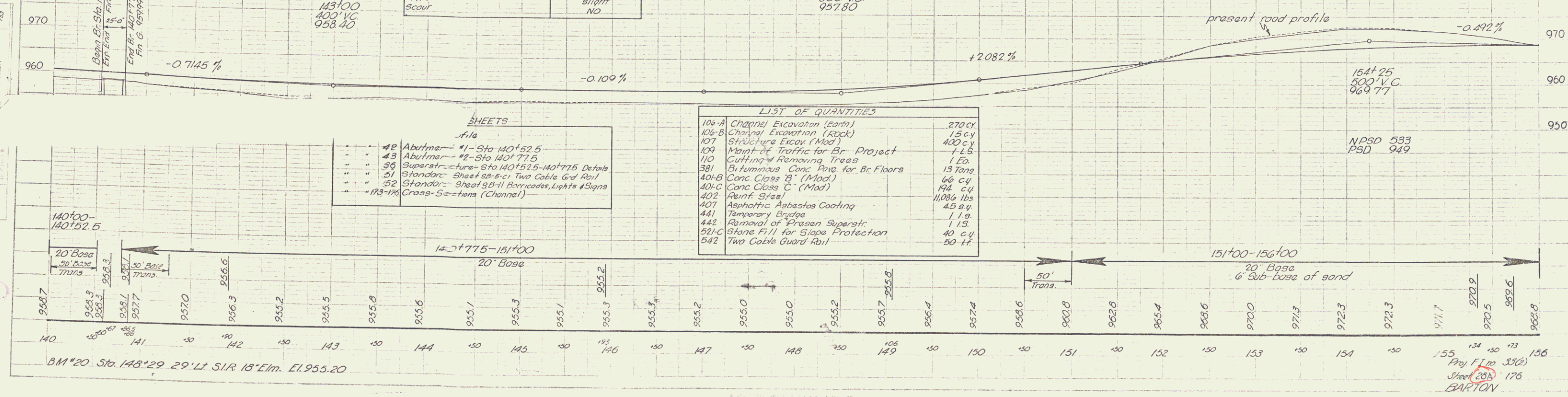
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LIST OF QUANTITIES

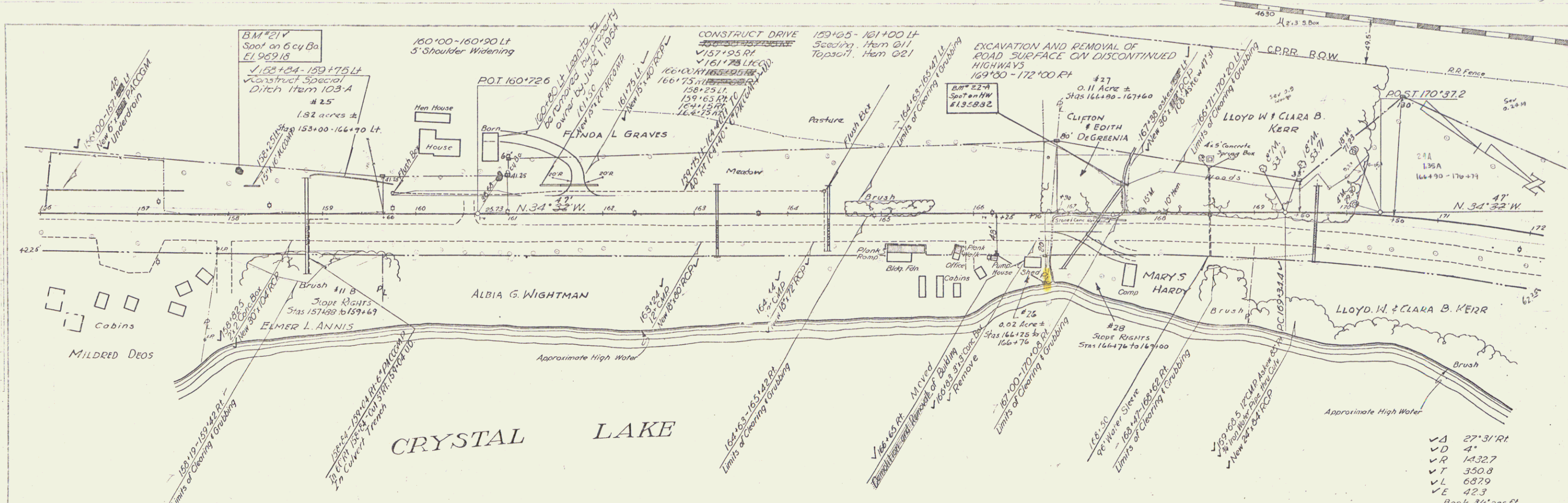
10a-A Channel Excavation (Earth)	270 cy
10a-B Channel Excavation (Rock)	15 cy
107 Structure Excess (Mod)	400 cy
109 Maint. of Traffic for Br. Project	1 Ea.
110 Cutting & Removing Trees	13 Tons
381 Bituminous Conc. Pave. for Br. Floors	66 cy
401-B Conc. Class B (Mod)	194 cy
401-C Conc. Class C (Mod)	11,086 lbs
402 Rein. Steel	45.84
407 Asphaltic Asbestos Coating	1.19
441 Temporary Bridge	1.13
442 Removal of Present Superstr.	40 cy
521-C Stone Filling for Slope Protection	90 ft
542 Two Cable Guard Rail	

SHEETS

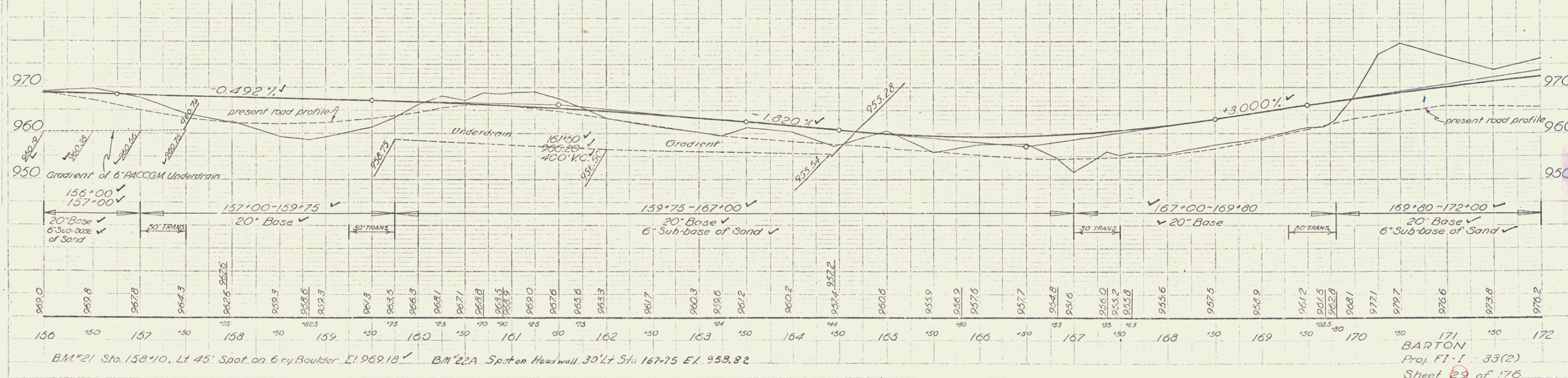
42	Abutment #1-Sto 140+52.5
43	Abutment #2-Sto 140+77.5
39	Superstr. - Sto 140+52.5-140+77.5 Details
51	Standard - Sheet 28-B-C: Two Cable Gnd Rail
52	Standard - Sheet 28-B-C: Barricades, Lights & Signs
173-176	Cross-Section (Channel)



Prop. 17m 33(2)
Sheet 28B 176
BARTON



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	TOWN	BOOK	PAGE	DATE	REMARKS
25	W.D.O.E.	3-23-54	FLINDA L. GRAVES	STOFFY	BARTON	4-8	335-386	4-1-54	SEE ALSO PAGE 28
26	COND.	3-5-54	ALBIA G. WIGHTMAN	"	"	D-MISC	4-5	3-5-54	
27	COND.	3-5-54	CLIFTON & EDITH DE GREENIA	"	"	D-MISC	4-5	3-5-54	
28	COND.	3-5-54	MARY S. HARDY	"	"	D-MISC	4-5	3-5-54	
11-B	COND.	3-5-54	ELMER L. ANNIS	"	"	D-MISC	4-5	3-5-54	SEE ALSO SHEET 20.
26-A	W.D.O.E.	7-2-54	ALBIA G. WIGHTMAN	"	"	4-8	424	7-10-54	

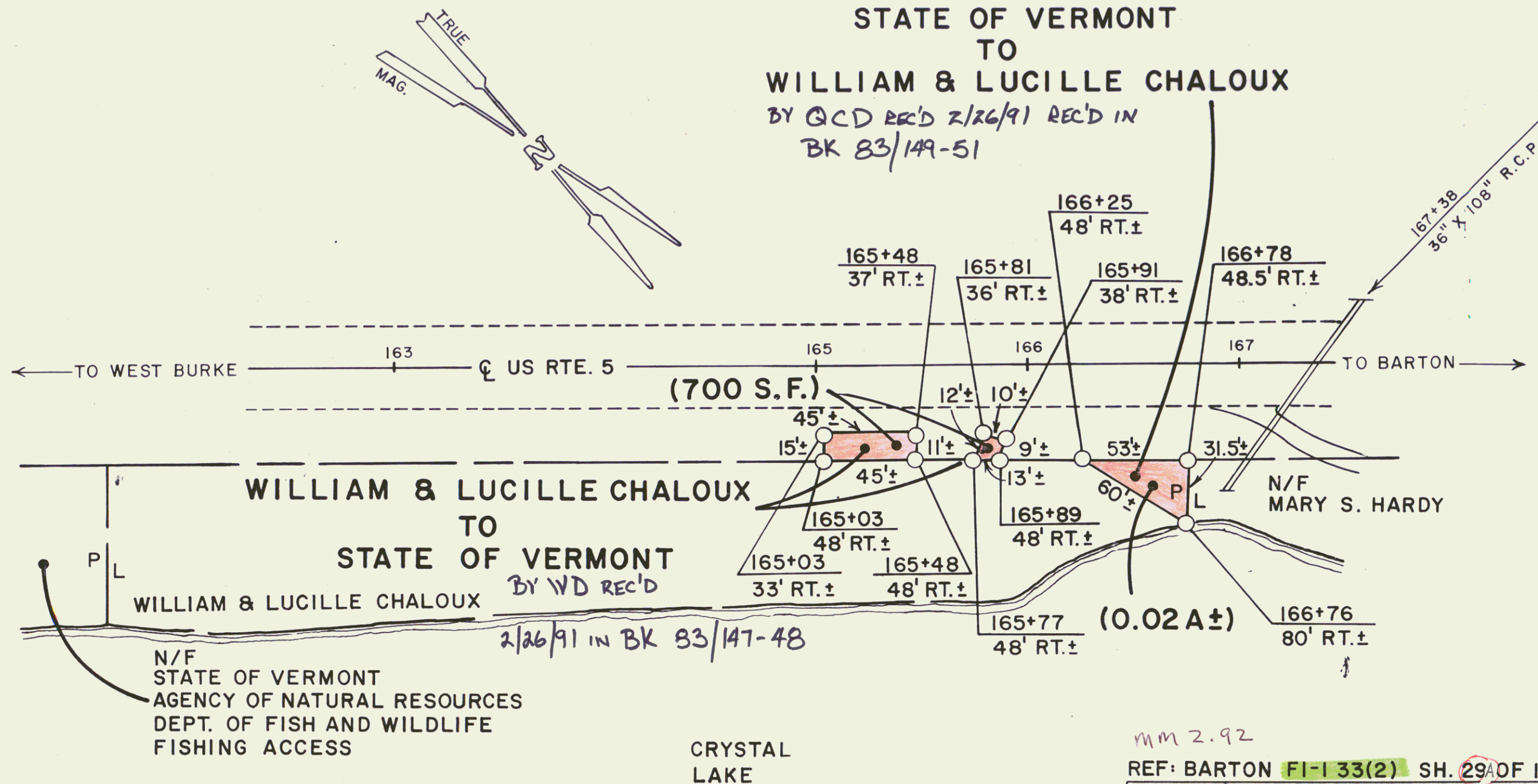


27° 31' RT
 4°
 1432.7
 350.8
 687.9
 42.3
 Bank 24' per Ft.

BARTON
 Proj. FI-1 33(2)
 Sheet 29 of 176

THE 0.02 ACRE IS ALL AND THE SAME LAND AND PREMISES
ACQUIRED BY THE STATE OF VERMONT FROM ALBIA G.
WIGHTMAN BY WARRANTY DEED OF EASEMENT DATED JULY 2,
1954 AND RECORDED IN BOOK 48 PAGE 424 OF THE LAND
RECORDS OF THE TOWN OF BARTON.

STATE OF VERMONT
TO
WILLIAM & LUCILLE CHALOUX
BY QCD REC'D 2/26/91 REC'D IN
BK 83/149-51



mm 2.92

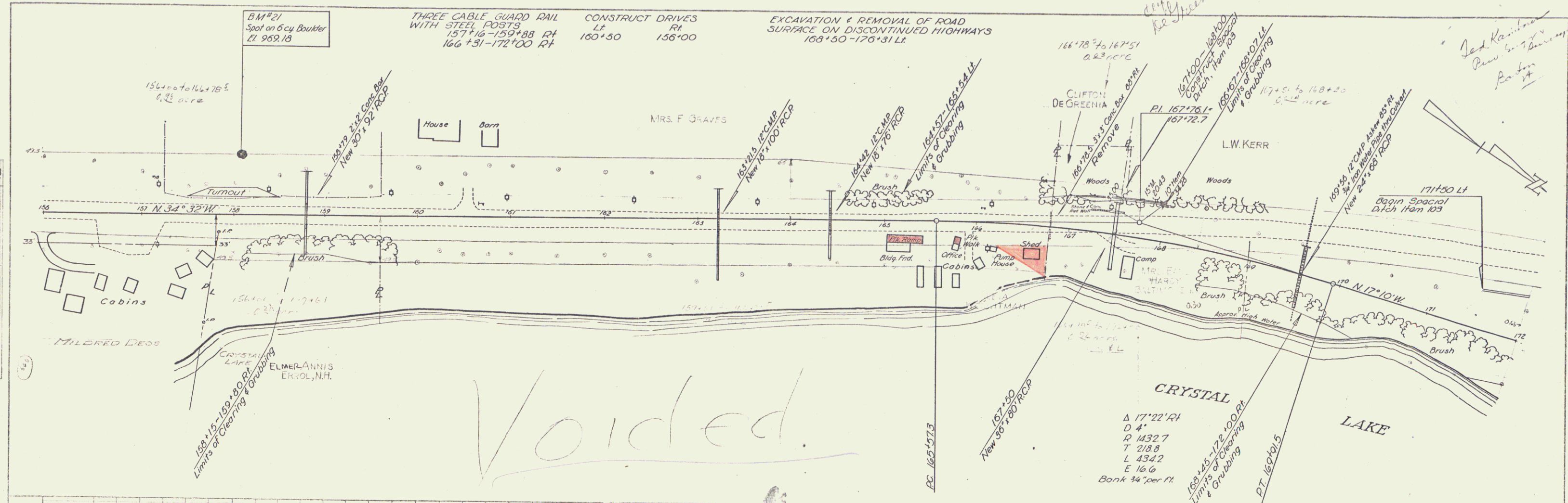
REF: BARTON FI-1 33(2) SH. 29A OF 176

STATE OF VERMONT
AGENCY OF TRANSPORTATION

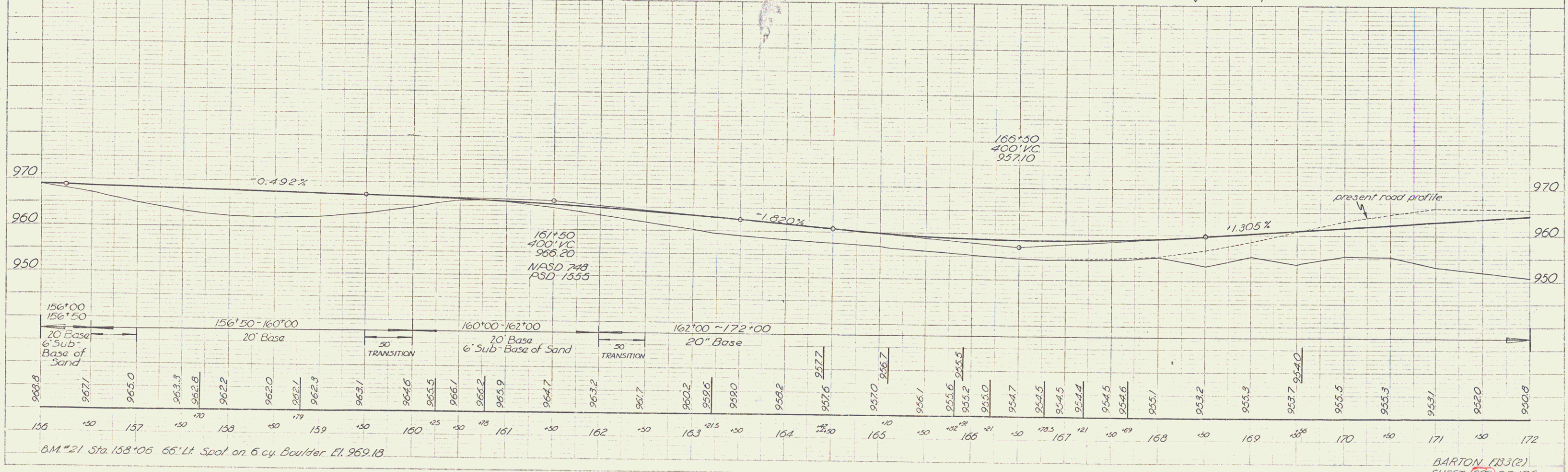
TOWN OF BARTON

APPROX. SCALE 1"=50' DATE: 1-18-91 DRAWN BY C.C.P.

PLAN
 SCALE 1" = 40'
 SHALLOW
 TRAILER
 MILLER
 1/24

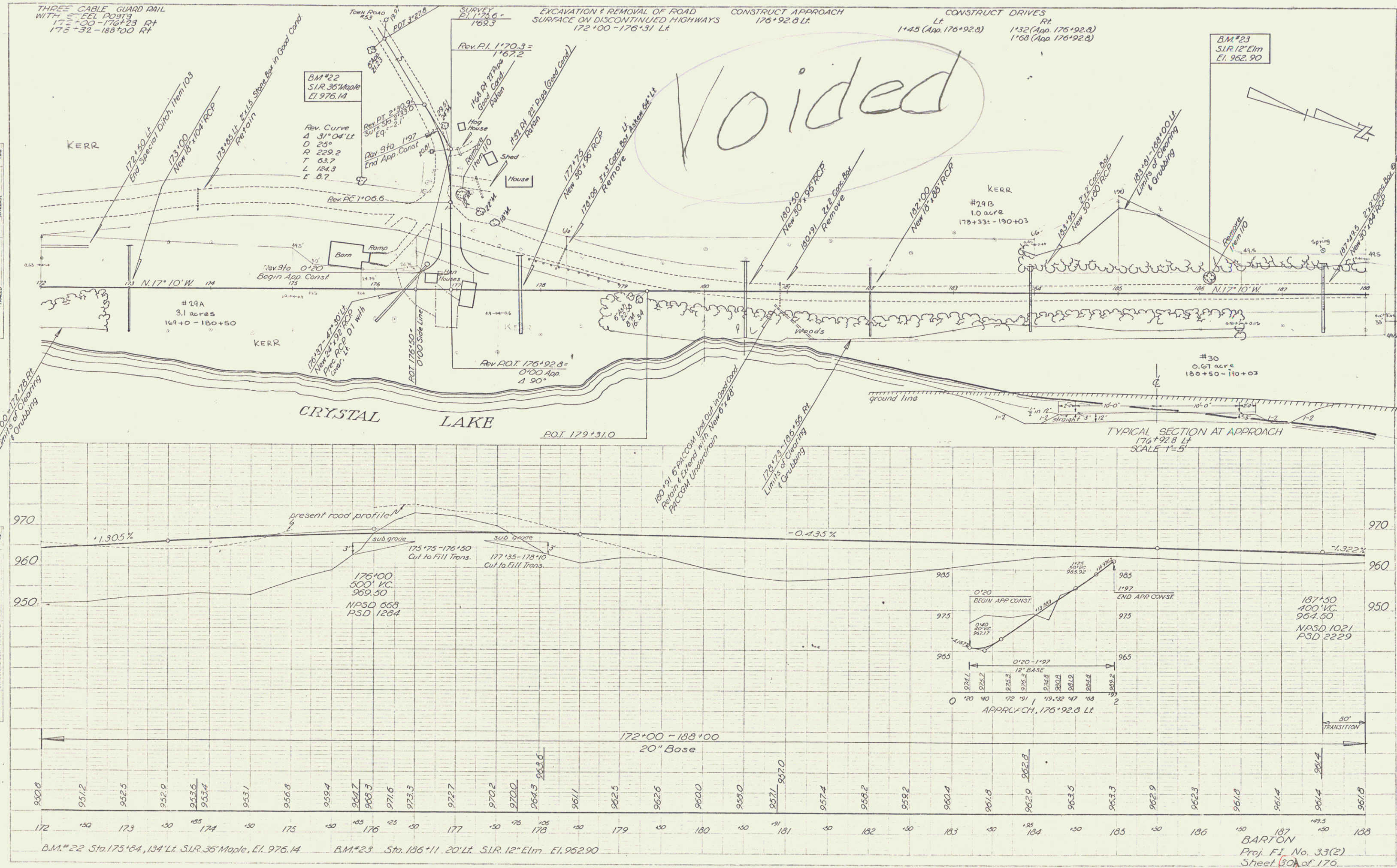


PLAN
 SCALE 1" = 40'
 SHALLOW
 TRAILER
 MILLER
 1/24



PLAN	DATE	BY	CHECKED	APPROVED
175	10/10/84	WILLIAM	WILLIAM	WILLIAM
176	10/10/84	WILLIAM	WILLIAM	WILLIAM
177	10/10/84	WILLIAM	WILLIAM	WILLIAM
178	10/10/84	WILLIAM	WILLIAM	WILLIAM
179	10/10/84	WILLIAM	WILLIAM	WILLIAM
180	10/10/84	WILLIAM	WILLIAM	WILLIAM
181	10/10/84	WILLIAM	WILLIAM	WILLIAM
182	10/10/84	WILLIAM	WILLIAM	WILLIAM
183	10/10/84	WILLIAM	WILLIAM	WILLIAM
184	10/10/84	WILLIAM	WILLIAM	WILLIAM
185	10/10/84	WILLIAM	WILLIAM	WILLIAM
186	10/10/84	WILLIAM	WILLIAM	WILLIAM
187	10/10/84	WILLIAM	WILLIAM	WILLIAM
188	10/10/84	WILLIAM	WILLIAM	WILLIAM

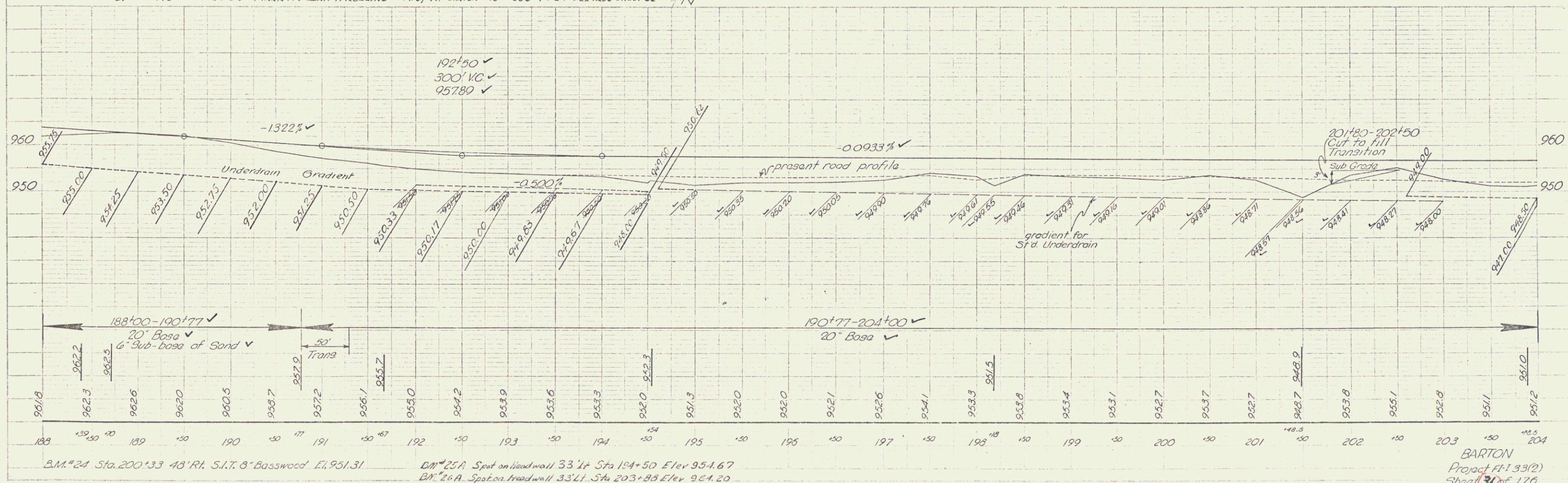
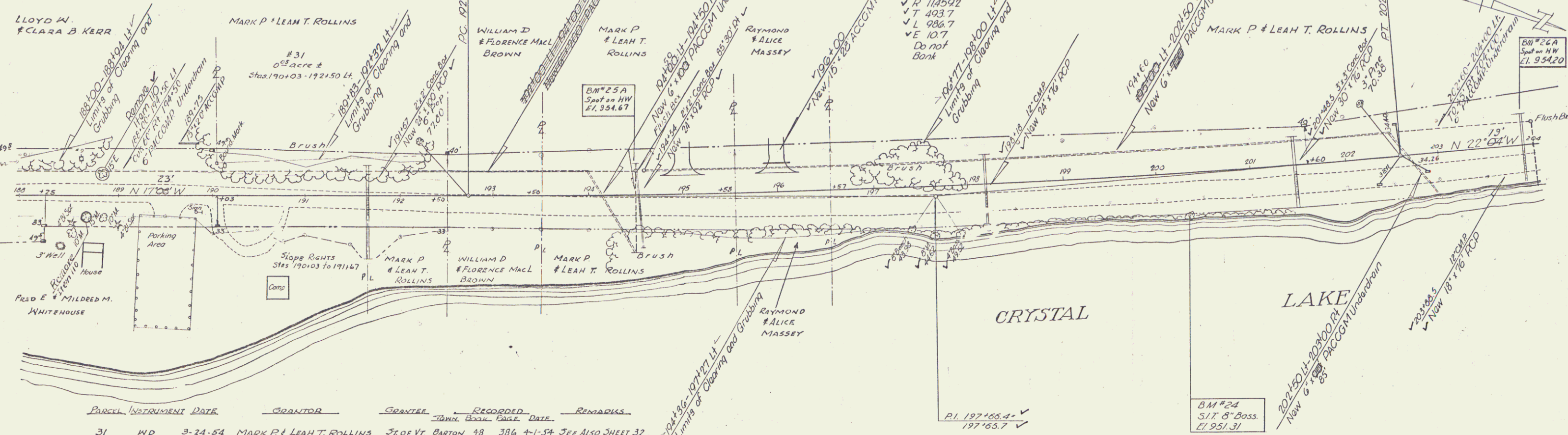
DATE	BY	CHECKED	APPROVED
10/10/84	WILLIAM	WILLIAM	WILLIAM
10/10/84	WILLIAM	WILLIAM	WILLIAM
10/10/84	WILLIAM	WILLIAM	WILLIAM
10/10/84	WILLIAM	WILLIAM	WILLIAM
10/10/84	WILLIAM	WILLIAM	WILLIAM
10/10/84	WILLIAM	WILLIAM	WILLIAM
10/10/84	WILLIAM	WILLIAM	WILLIAM
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10/10/84	WILLIAM	WILLIAM	WILLIAM
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10/10/84	WILLIAM	WILLIAM	WILLIAM
10/10/84	WILLIAM	WILLIAM	WILLIAM

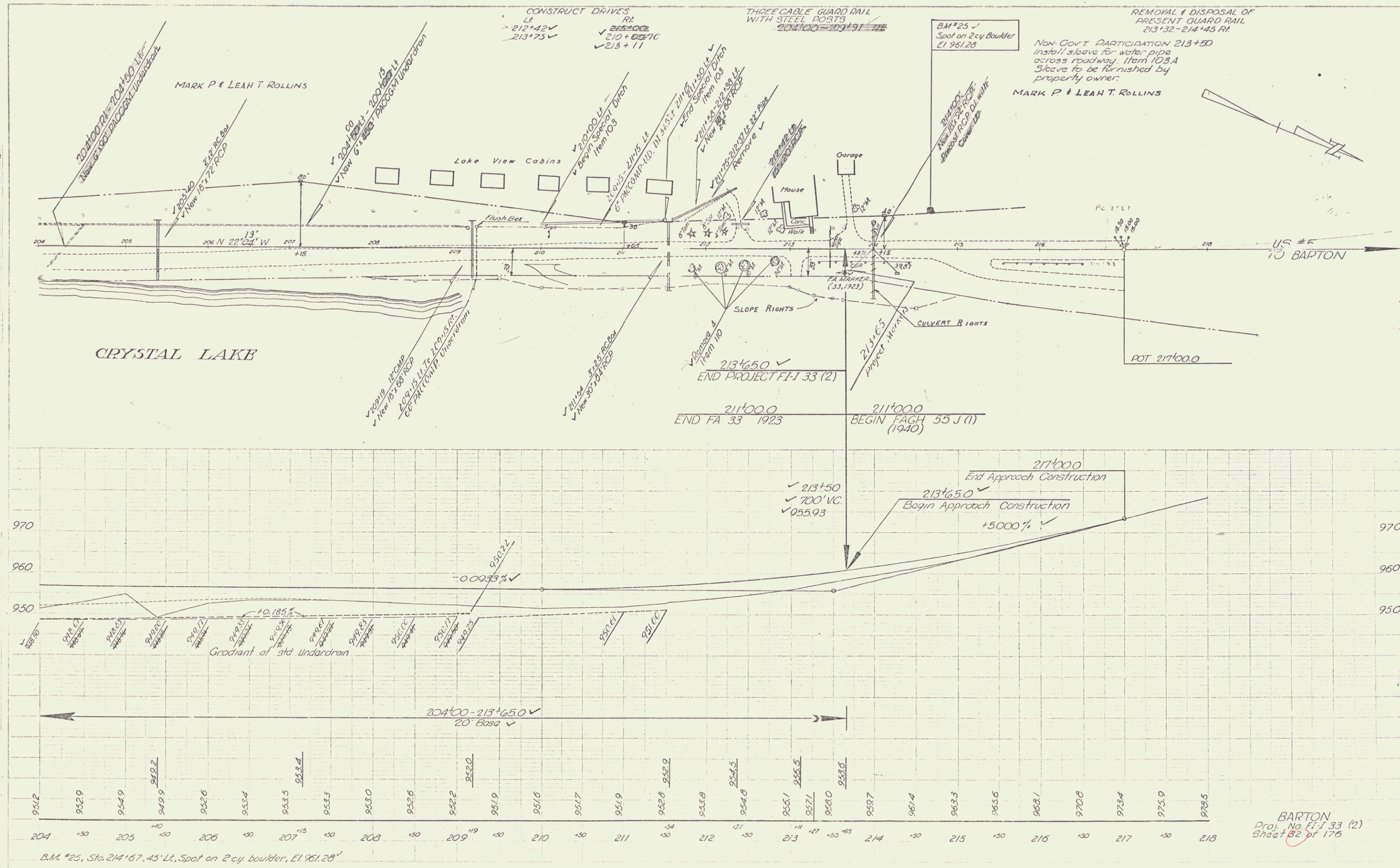


SEEDING ITEM 611 & TOPSOIL ITEM 621
188+25-189+95 Rt V

CONSTRUCT DRIVES
LT
195+00
196+00
197+00
198+00
199+00
200+00
201+00
202+00
203+00
204+00

THREE CABLE GUARD RAIL
WITH STEEL POSTS
188+00-188+08 Rt+
197+59-204+00 Rt+
197+59-204+00 Rt+





BARTON
Proj. No. F-1 33 (2)
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