

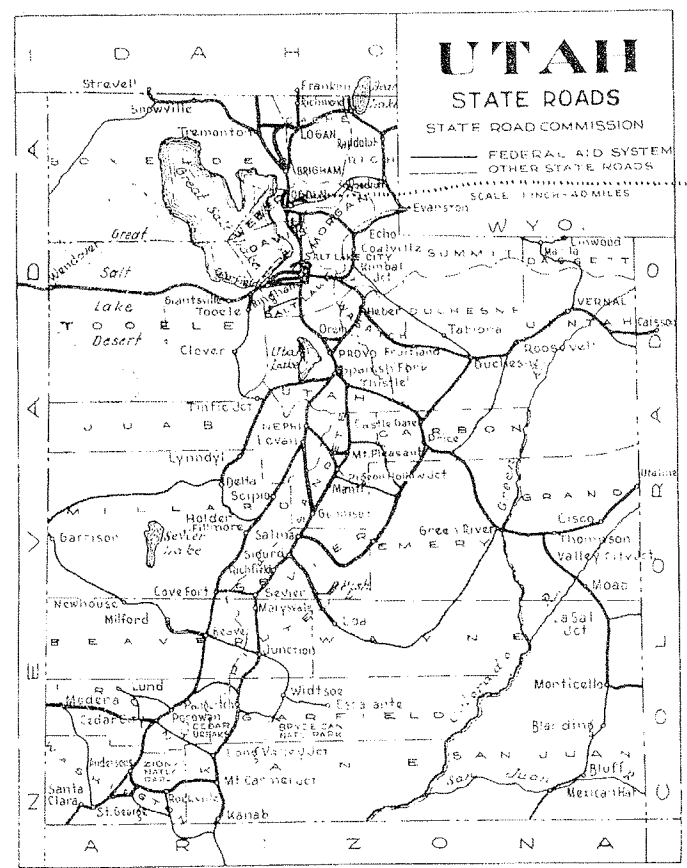
PROJECT	STATE	SECTION	SHEET	TOTAL SHEETS
S-242(1)	UTAH	S-242(1)	1	33
		S.P. 1633	POST	1

STATE OF UTAH

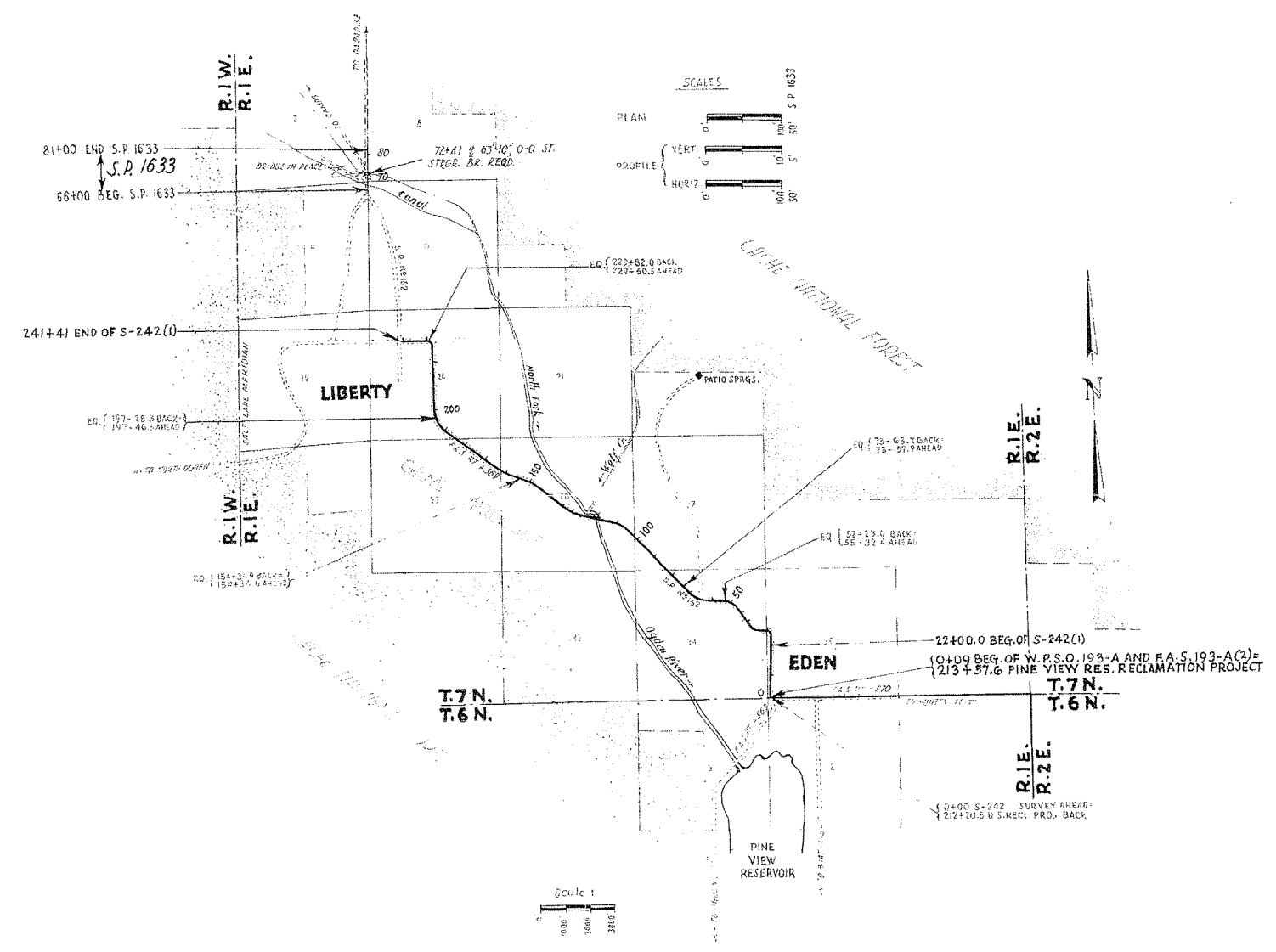
STATE ROAD COMMISSION

PLANS OF PROPOSED STATE ROAD

FEDERAL AID PROJECT
S-242(1) ~ LENGTH 4.098 MILES
WEBER COUNTY
S.P. 1633 ~ LENGTH 0.284 MILES



S.P. 1633



INDEX TO SHEETS S-242(1)

SHEET NO.	DESCRIPTION	DRAWING NO.	STATION
1	TITLE SHEET		
2	TYPICAL SECTION		
3-10	PLAN AND PROFILE		
11-12	12'x3'x50'-3/4" BOX CULVERT	E-792	85+32
13-14	12'x3'x35'-4 1/2"	E-797	80-15
15-16	5'-6" x 3'-10" CULVERT EXTENSION	E-795	104+52.4
17-18	6'x4'x28'-10" BOX CULVERT	E-800	106+12.5
19-21	12'x4'x34'-7 1/8" BOX CULVERT	E-798	119-00
22-27	RIGID FRAME BRIDGE 46'-5 1/4" O+C	D-505	120+43
28-29	4'x2' CULVERT EXTENSION	E-807	141+54
30	3'x1'-3/4" BOX CULVERT	S.C. 234	231-50
31-32	STD. HIGHWAY SIGNS	S-95	142
33-A	F.A.R. & R/W MARKERS	M-45	
33-B	SUPERELEVATE AND WIDEN CURVES	M-180	
33-C	STRUTTING FOR LARGE C.G.M.P.	M-18	
33-D	STD. R/W FENCE	M-46	
1-28	X-SECTIONS		

INDEX TO SHEETS S.P. 1633

SHEET NO.	DESCRIPTION	DWG. NO.	STATION
1	TITLE SHEET		
2	TYPICAL SECTION		
3	PLAN & PROFILE		
4-10	6'-10" O-D 5' STRGR. BRIDGE	C-318	72+41
11	STD. HANDRAIL DETAILS	SR 3-2	72+41
12	HEADWALL	V-609	68+64
13	"	V-632	78+57
14-16	STD. HIGHWAY SIGNS	B-95, 127, 3	
17	GUARD RAIL & GUIDE POSTS	B-137	
18-A	F.A. & R/W MARKERS	M-45	
18-B	R/W FENCE	M-46	

STATE ROAD COMMISSION OF UTAH
 RECOMMENDED FOR APPROVAL: NOV. 1958
R. J. Belland
 ASSISTANT DIRECTOR OF HIGHWAYS FOR ENGINEERING
 APPROVED: NOV. 1958
John R. Morgan
 DIRECTOR OF HIGHWAYS

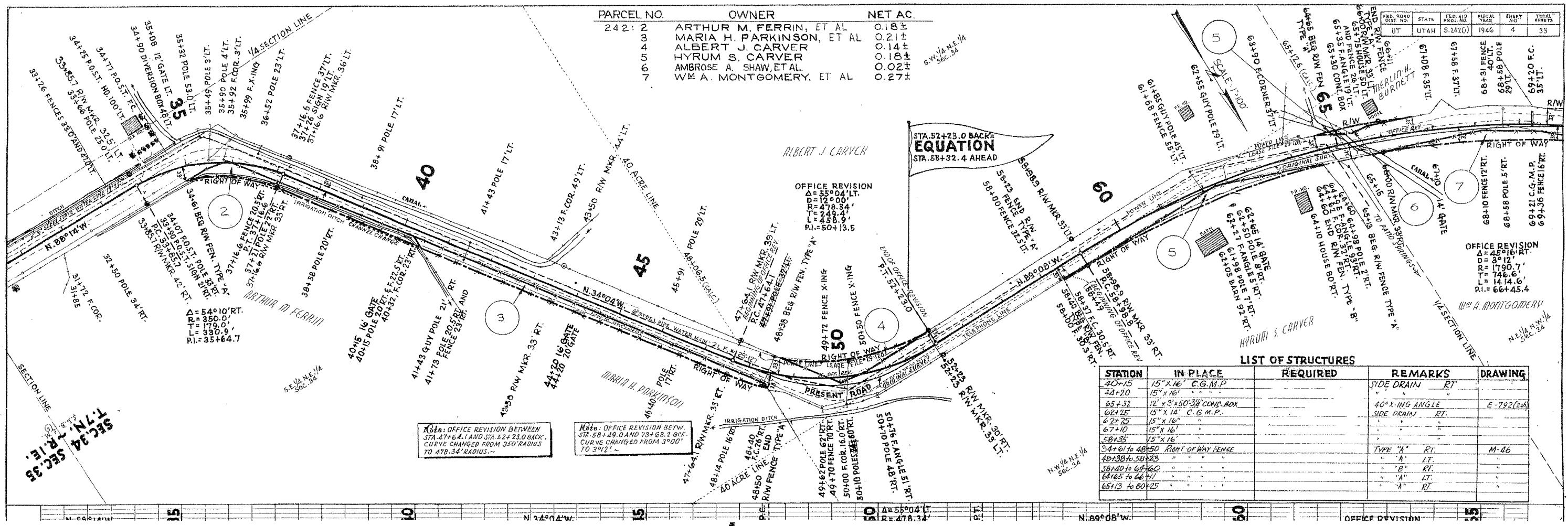
DEPARTMENT OF COMMERCE
 BUREAU OF PUBLIC ROADS
 APPROVED: _____
 DIVISION ENGINEER DATE

Project: S-242(1)
 Route: 162
 Beg. Post: 162
 End Post: 162
 Sheets: 33
 Sheet No: 01

Project: S-242-00
 Date: 1/27
 Scale: 1"=40'
 Sheet: 4
 Total Sheets: 8
 Note Book: 242-00
 No. 242-00

PARCEL NO.	OWNER	NET AC.
242:2	ARTHUR M. FERRIN, ET AL	0.18±
3	MARIA H. PARKINSON, ET AL	0.21±
4	ALBERT J. CARVER	0.14±
5	HYRUM S. CARVER	0.18±
6	AMBROSE A. SHAW, ET AL	0.02±
7	WM A. MONTGOMERY, ET AL	0.27±

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
UT	UTAH	S.242(0)	1946	4	33



STATION	IN PLACE	REQUIRED	REMARKS	DRAWING
40+15	15" x 16" C.G.M.P.		SIDE DRAIN RT.	
44+20	15" x 16" "		"	
65+32	12" x 3" x 50' 3/4" CONE. BOX		40' X-ING ANGLE	E-792(28)
66+25	15" x 16" C.G.M.P.		SIDE DRAIN RT.	
67+75	15" x 16" "		"	
67+10	15" x 16" "		"	
58+35	15" x 16" "		"	
54+61 to 48+50	Right of Way Fence		TYPE "A" RT.	M-46
48+38 to 58+23	"		"A" LT.	
58+40 to 64+60	"		"B" RT.	
64+65 to 66+11	"		"A" LT.	
65+13 to 60+25	"		"A" RT.	

NOTE: OFFICE REVISION BETWEEN STA. 47+64.1 AND STA. 52+23.0 BACK. CURVE CHANGED FROM 350' RADIUS TO 478.34' RADIUS.

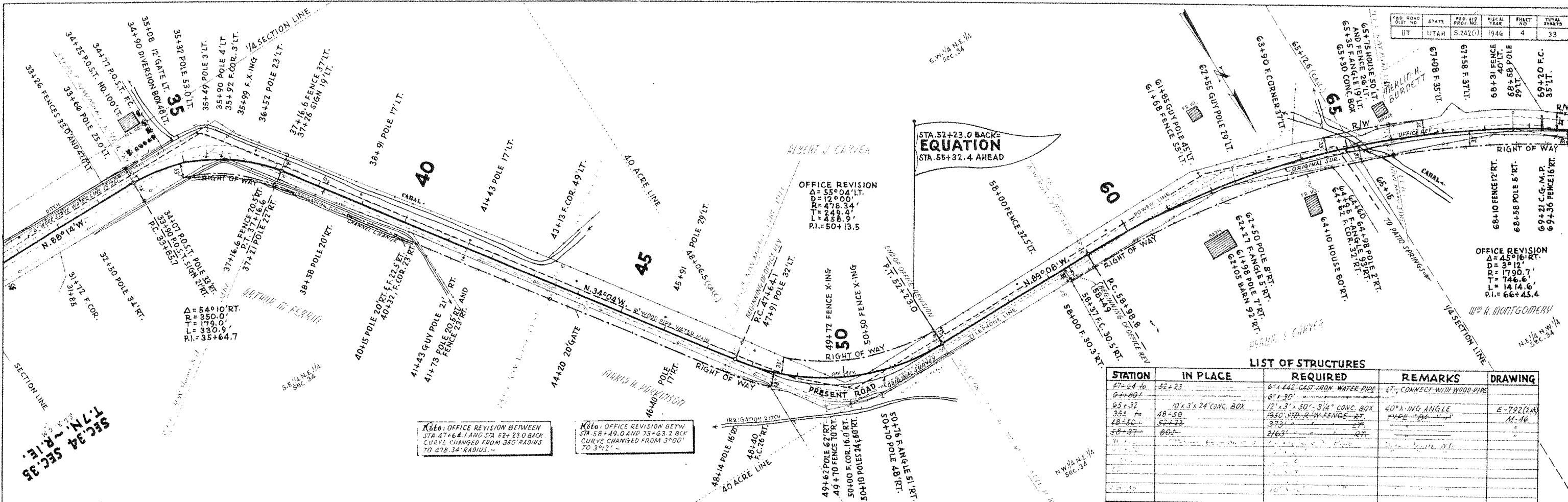
NOTE: OFFICE REVISION BETWEEN STA. 58+49.0 AND 73+63.2 BACK. CURVE CHANGED FROM 3°00' TO 3°12'.

SEC. 34
 T. 7N. R. 1E.
 SEC. 35

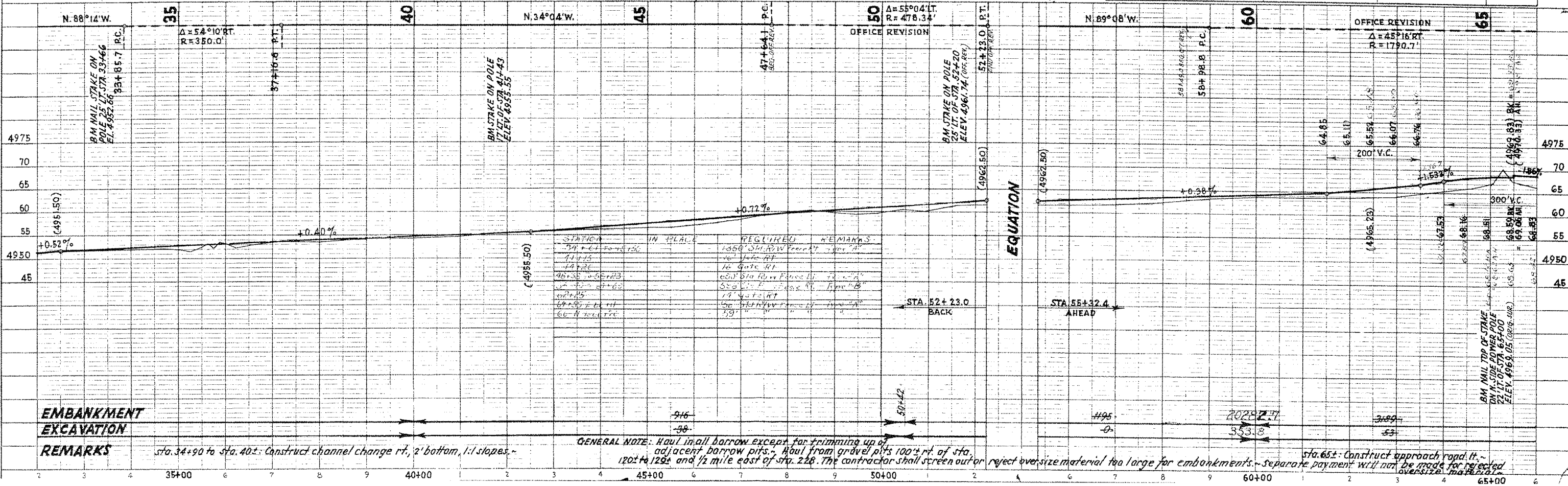
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
UT	UTAH	S. 242(0)	1946	4	33

DATE	2/26/46
BY	W. E. HARRIS
CHECKED	W. E. HARRIS
APPROVED	W. E. HARRIS
PLAN	PLAN
NOTE BOOK	NO. 2572
BY	W. E. HARRIS

DATE	2/26/46
BY	W. E. HARRIS
CHECKED	W. E. HARRIS
APPROVED	W. E. HARRIS
PROFILE	PROFILE
NOTE BOOK	NO. 2572
BY	W. E. HARRIS



STATION	IN PLACE	REQUIRED	REMARKS	DRAWING
52+23	52+23	6" x 44" CAST IRON WATER PIPE	LT. CONNECT WITH HOOD PIPE	
52+23	52+23	6" x 30"		
52+23	52+23	10' x 3' x 24" CONC. BOX	40° ANGLE	E-792(24)
52+23	52+23	12' x 3' x 50' - 3/4" CONC. BOX	PIPE	M-46
52+23	52+23	18" x 18" CONC. BOX		
52+23	52+23	24" x 24" CONC. BOX		
52+23	52+23	30" x 30" CONC. BOX		
52+23	52+23	36" x 36" CONC. BOX		
52+23	52+23	42" x 42" CONC. BOX		
52+23	52+23	48" x 48" CONC. BOX		
52+23	52+23	54" x 54" CONC. BOX		
52+23	52+23	60" x 60" CONC. BOX		
52+23	52+23	66" x 66" CONC. BOX		
52+23	52+23	72" x 72" CONC. BOX		
52+23	52+23	78" x 78" CONC. BOX		
52+23	52+23	84" x 84" CONC. BOX		
52+23	52+23	90" x 90" CONC. BOX		
52+23	52+23	96" x 96" CONC. BOX		
52+23	52+23	102" x 102" CONC. BOX		
52+23	52+23	108" x 108" CONC. BOX		
52+23	52+23	114" x 114" CONC. BOX		
52+23	52+23	120" x 120" CONC. BOX		

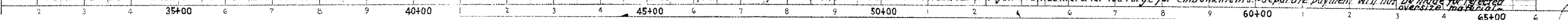


GENERAL NOTE: Haul in all borrow except for trimming up of adjacent borrow pits. Haul from gravel pits 100' rt. of sta. 120' to 125' and 1/2 mile east of sta. 228. The contractor shall screen out or reject oversize material too large for embankments. Separate payment will not be made for rejected oversize material.

sta. 34+90 to sta. 40±: Construct channel change rt., 2' bottom, 1:1 slopes.

sta. 65±: Construct approach road ft. ~

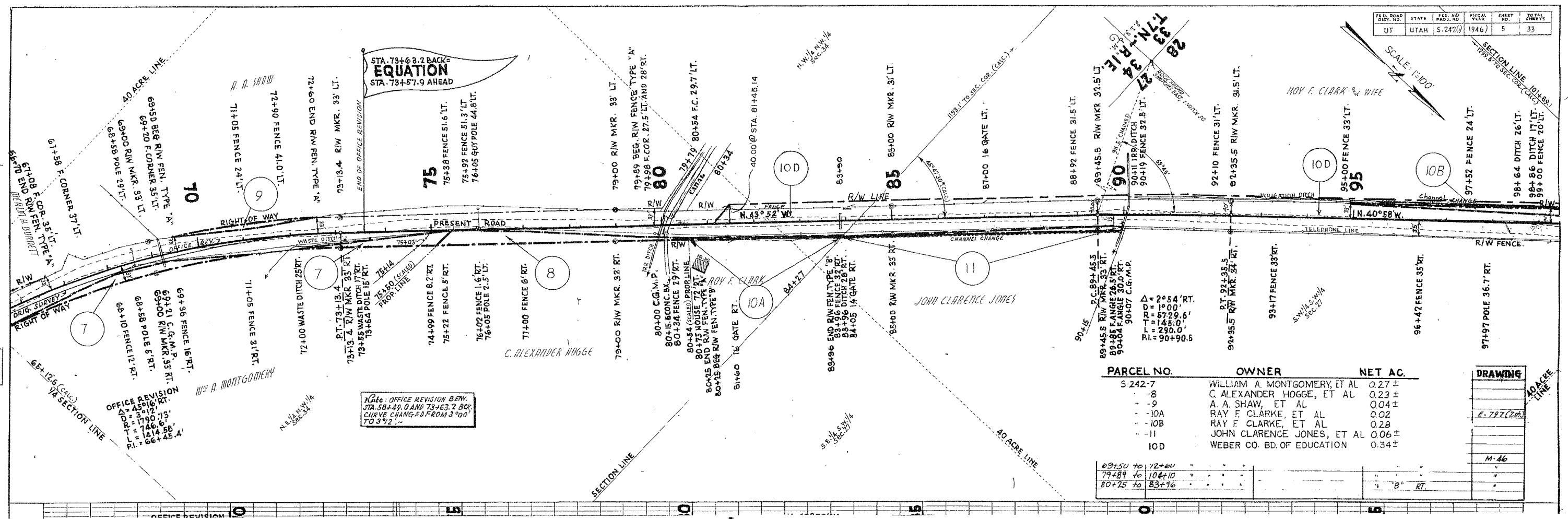
EMBAKMENT
EXCAVATION
REMARKS



SCALE: 1"=100'

Project: S-242 (17)
 County: Kane
 Area: 752
 Date: 7/22
 Engineer: [Signature]
 Surveyor: [Signature]

PLAN
 NOTE BOOK
 No. 242



Note: OFFICE REVISION BEW.
 STA. 58+49.0 AND 73+63.2 BCK.
 CURVE CHANGE FROM 3°00'
 TO 3°42'

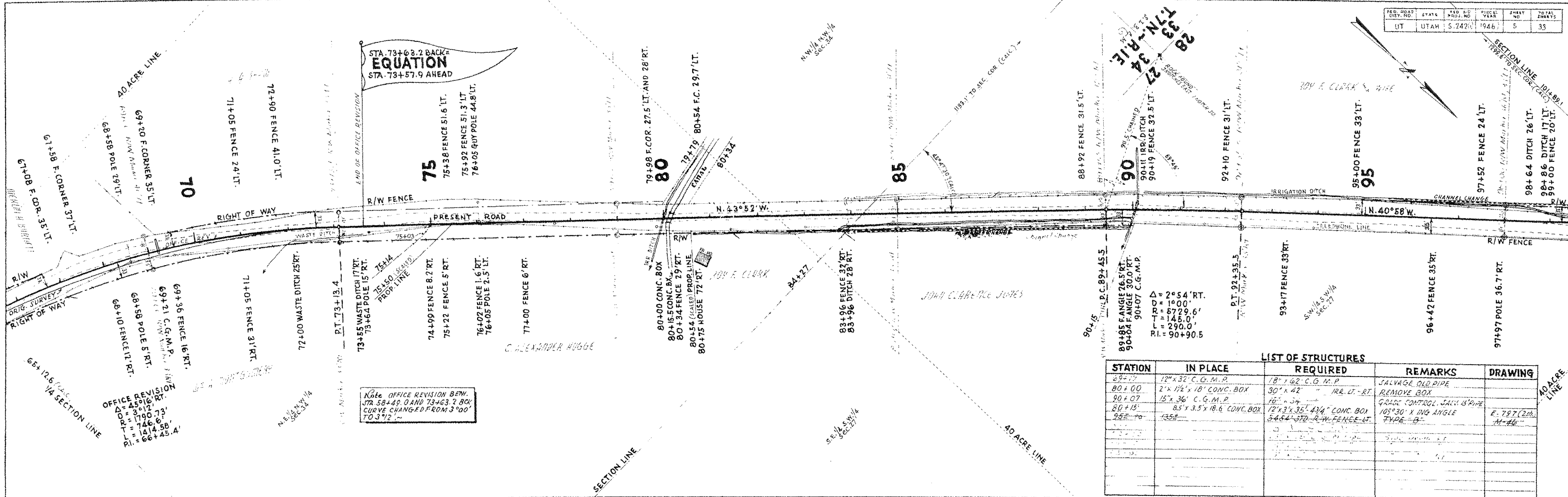
PARCEL NO.	OWNER	NET AC.
S-242-7	WILLIAM A. MONTGOMERY, ET AL	0.27 ±
-8	C. ALEXANDER HOGGE, ET AL	0.23 ±
-9	A. A. SHAW, ET AL	0.04 ±
-10A	RAY F. CLARKE, ET AL	0.02
-10B	RAY F. CLARKE, ET AL	0.28
-11	JOHN CLARENCE JONES, ET AL	0.06 ±
IOD	WEBER CO. BD. OF EDUCATION	0.34 ±

69+50 to 72+60			
79+89 to 104+10			
80+25 to 83+96			

DRAWING
E-727 (2nd)
M-16

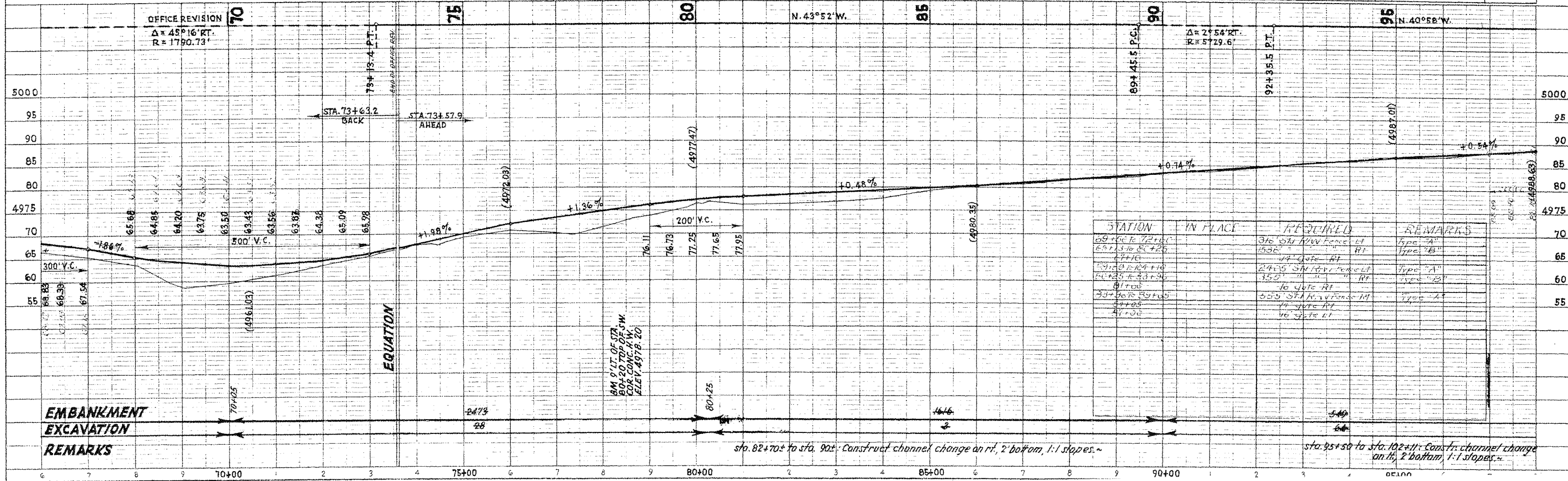
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	PROJECT NO.	TOTAL SHEETS
UT	UTAH	S. 2420	1946	5	33

PLAN
 REVISIONS
 NO. 1
 DATE
 BY
 CHECKED
 DATE
 BY



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING
83+96	12" x 37" C.G.M.P.	18" x 62" C.G.M.P.	SALVAGE OLD PIPE	
80+00	2" x 1/2" x 18" CONC. BOX	30" x 42" " " " "	REMOVE BOX	
90+07	18" x 36" C.G.M.P.	18" x 36" " " " "	GRADE CONTROL S&W PIPE	
80+15	8.5' x 3.5' x 18.6" CONC. BOX	12' x 3' x 35" 424" CONC. BOX	105° 30' x 110° ANGLE TYPE "B"	E. 797 (200) M-46
95+00	135' "	346.6' STD. R.W. FENCE LT.		



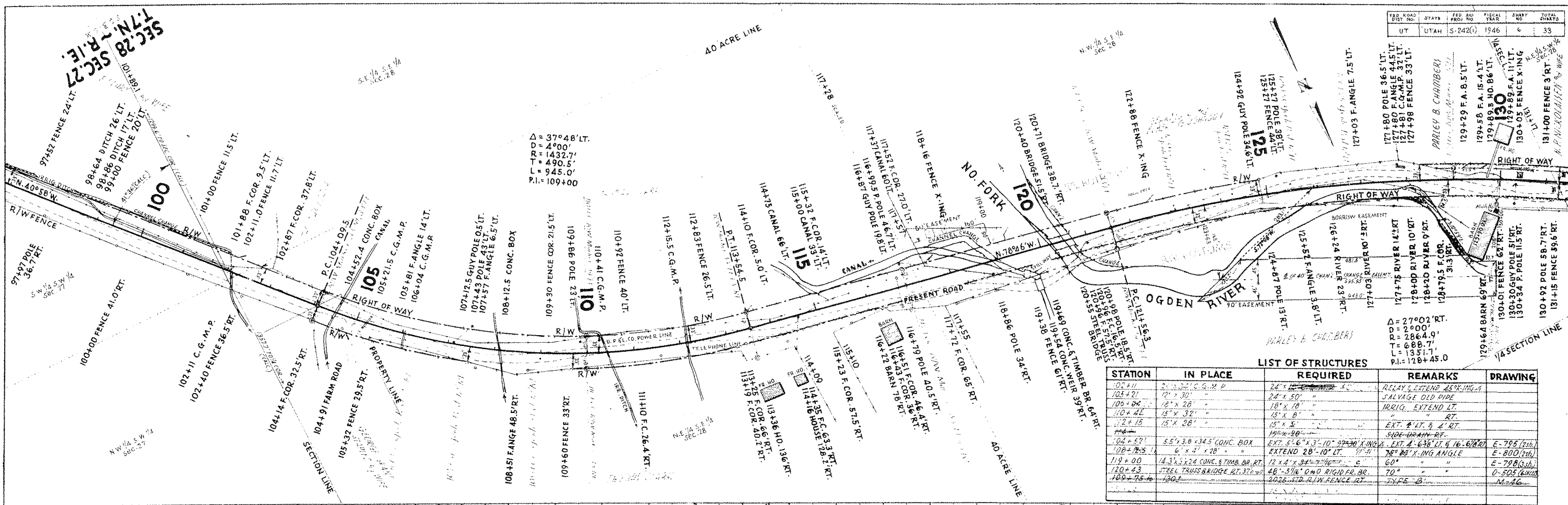
STATION	IN PLACE	REQUIRED	REMARKS
69+00	72" x 10"	316 5/8" R/W Fence RT	Type "A"
69+13	8" x 25"	1500" RT	Type "B"
77+10	" "	47 Gate RT	" "
89+00	8" x 25"	24" S/N 10' RT	Type "A"
90+25	8" x 25"	350" RT	Type "B"
81+00	" "	16 Gate RT	" "
83+00	8" x 25"	653' STA N. V. Fence RT	Type "A"
84+00	" "	17 Gate RT	" "
84+00	" "	46 Gate LT	" "

PROF. REVISIONS
 NO. 1
 DATE
 BY
 CHECKED
 DATE
 BY

EMBANKMENT
EXCAVATION
REMARKS

sta. 82+70.4 to sta. 90+ Construct channel change on rd, 2' bottom, 1:1 slopes.
 sta. 95+50 to sta. 102+11: Construct channel change on rd, 2' bottom, 1:1 slopes.

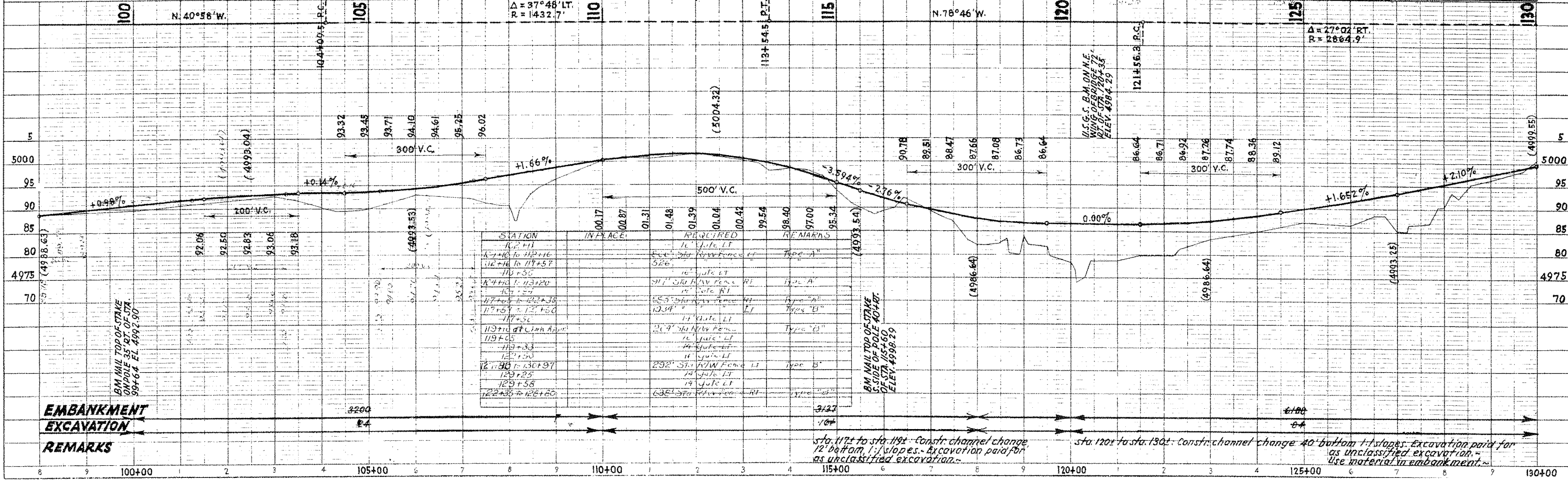
DATE: 12/15/45
 DRAWN BY: H. H. HARRISON
 CHECKED BY: H. H. HARRISON
 PLAN NO. 24-12



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING
102+11	24' x 30' C.G.M.P.	24' x 30' C.G.M.P.	RELAY & EXTEND 25' KING-A	
103+21	12' x 30'	12' x 30'	SALVAGE OLD PIPE	
105+04	18' x 28'	18' x 28'	IRREG. EXTEND RT.	
110+42	15' x 32'	15' x 32'	EXT. 4' LT. 8' RT.	
112+15	15' x 28'	15' x 28'	50' DRAIN RT.	
104+52	5.5' x 3.8' CONC. BOX	EXT. 5'-6" x 3'-10" 99' x 36' KING-A	EXT. A-6' x 16'-6" RT. E-795 (2th)	
108+75	6' x 5' x 28'	EXTEND 28'-10" LT.	78' x 33' KING ANGLE E-800 (2th)	
119+00	14.3' x 5.2' CONC. & TIMB. BR. RT.	12' x 4' x 34'-4" 116' x 6'	60' E-798 (3th)	
120+43	STEEL TRUSS BRIDGE RT. 37' W.	48'-3 1/2' O.M.G. RIGID BR. 80'	70' D-505 (6th)	
109+75	120'	202' RT. R/W FENCE RT.	TYPE-B	M-46

DATE: 12/15/45
 DRAWN BY: H. H. HARRISON
 CHECKED BY: H. H. HARRISON
 PROFILE NO. 24-13



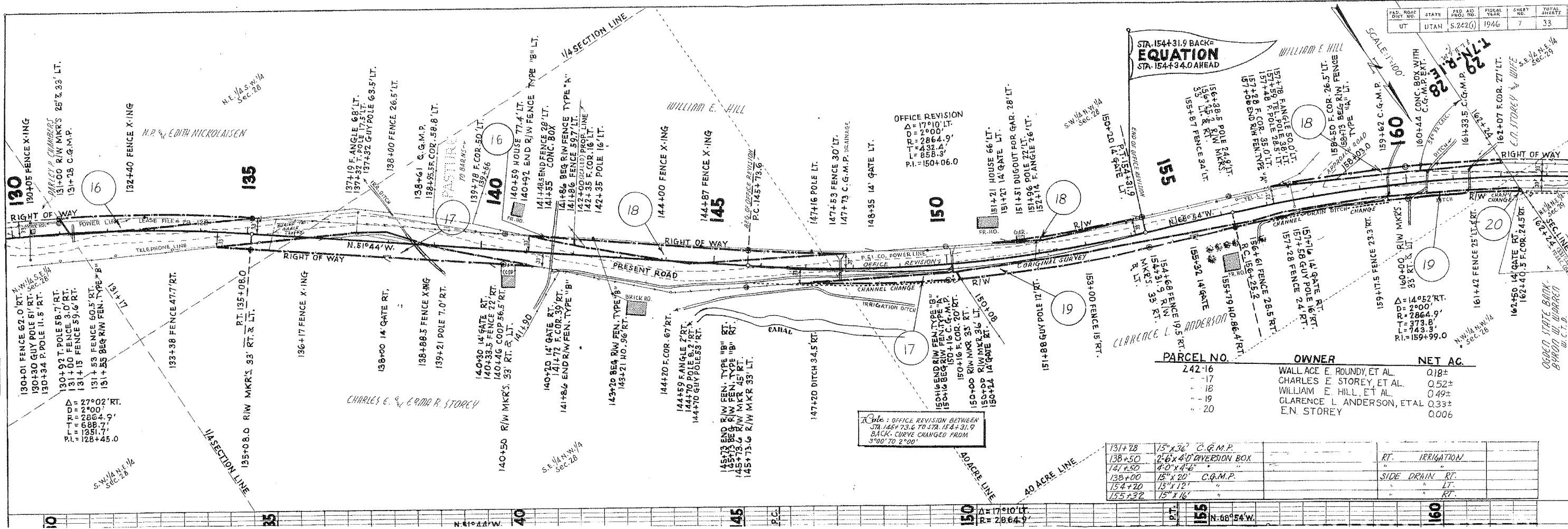
STATION	IN PLACE	REQUIRED	REMARKS
102+11	16' pole LT	16' pole LT	Type A
102+16 to 107+57	Exc. 3rd River Fence RT	Exc. 3rd River Fence RT	Type A
110+30	16' pole LT	16' pole LT	Type A
104+10 to 103+20	21' 3/4' NW Fence RT	21' 3/4' NW Fence RT	Type A
107+57 to 107+36	15' pole RT	15' pole RT	Type B
107+57 to 107+50	15' pole LT	15' pole LT	Type B
110+30	11' pole LT	11' pole LT	Type B
119+00	24' 3/4' NW Fence RT	24' 3/4' NW Fence RT	Type B
119+33	16' pole LT	16' pole LT	Type B
123+25	11' pole LT	11' pole LT	Type B
129+58	252' SW NW Fence LT	252' SW NW Fence LT	Type B
122+35 to 126+00	638' SW River Fence RT	638' SW River Fence RT	Type B

EMBANKMENT
EXCAVATION
REMARKS

sta. 112 to sta. 119: Constr. channel change 1/2 bottom, 1/2 slopes. Excavation paid for as unclassified excavation.

sta. 120 to sta. 130: Constr. channel change 40' bottom, 1/2 slopes. Excavation paid for as unclassified excavation. Use material in embankment.

Project: S-242(1)
 County: Garfield
 Range: 18E
 Section: 28N
 Sheet No. 7 of 33



PARCEL NO.	OWNER	NET AC.
242-16	WALLACE E. ROUNDY, ET AL.	0.18±
-17	CHARLES E. STOREY, ET AL.	0.52±
-18	WILLIAM E. HILL, ET AL.	0.49±
-19	CLARENCE L. ANDERSON, ET AL.	0.33±
-20	E.N. STOREY	0.006

STATION	DESCRIPTION	RT.
131+28	15" x 36" C.G.M.P.	
138+50	2' 6" x 4' 0" DIVERSION BOX	IRRIGATION
141+50	4' 0" x 4' 0"	
138+00	15" x 20" C.G.M.P.	SIDE DRAIN RT.
154+20	15" x 12"	LT.
155+32	15" x 16"	RT.

Note: OFFICE REVISION BETWEEN STA. 145+73.6 TO STA. 154+31.9 BACK CURVE CHANGED FROM 3700' TO 2700'

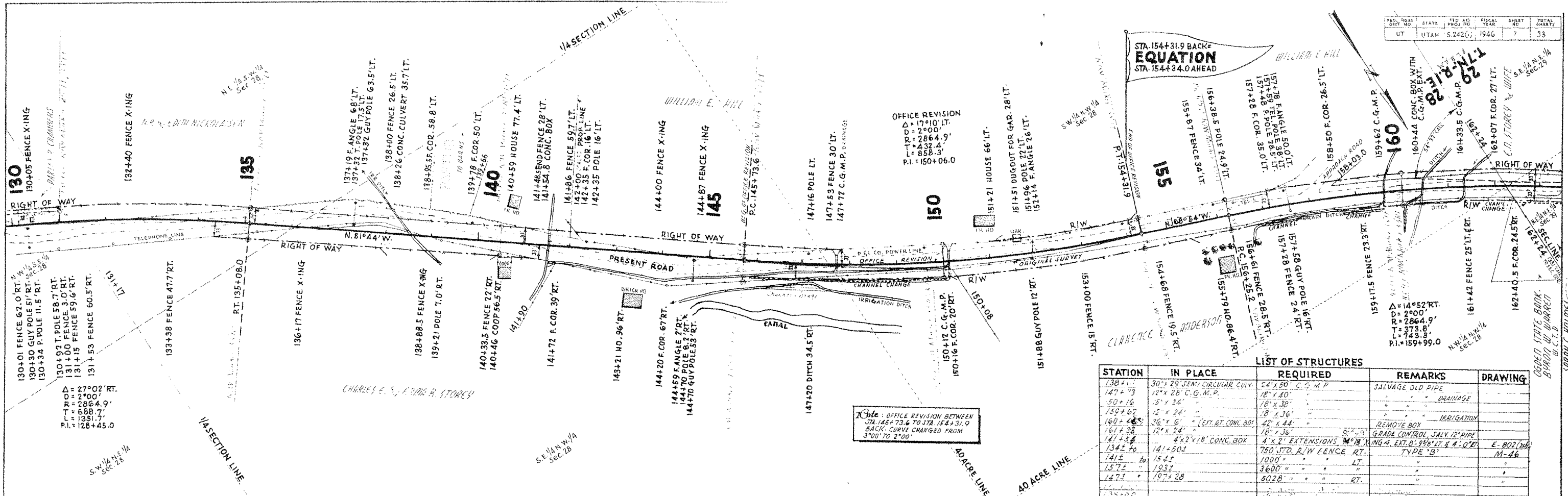
EQUATION
 STA. 154+31.9 BACK
 STA. 154+34.0 AHEAD

SCALE: 1"=100'

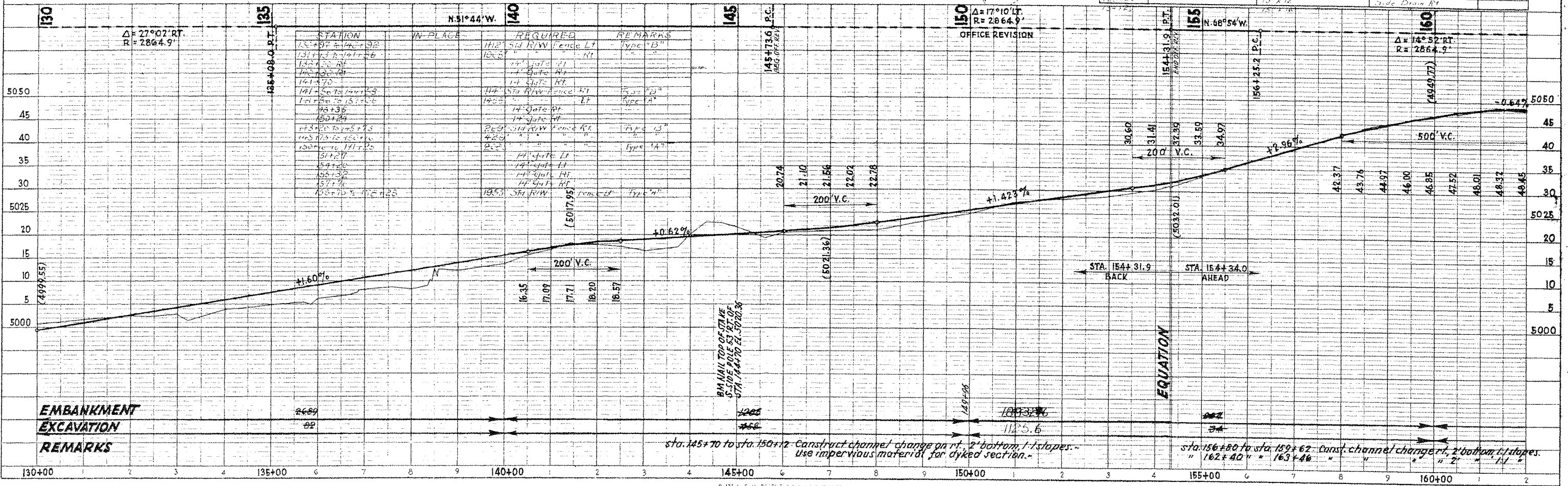
ORDER STATE BOOK
 BUREAU OF LAND SURVEY
 SALT LAKE CITY, UTAH

PLAN
 SURVEYED BY: [Name]
 PLOTTED BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]

PROFILE
 SURVEYED BY: [Name]
 PLOTTED BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]

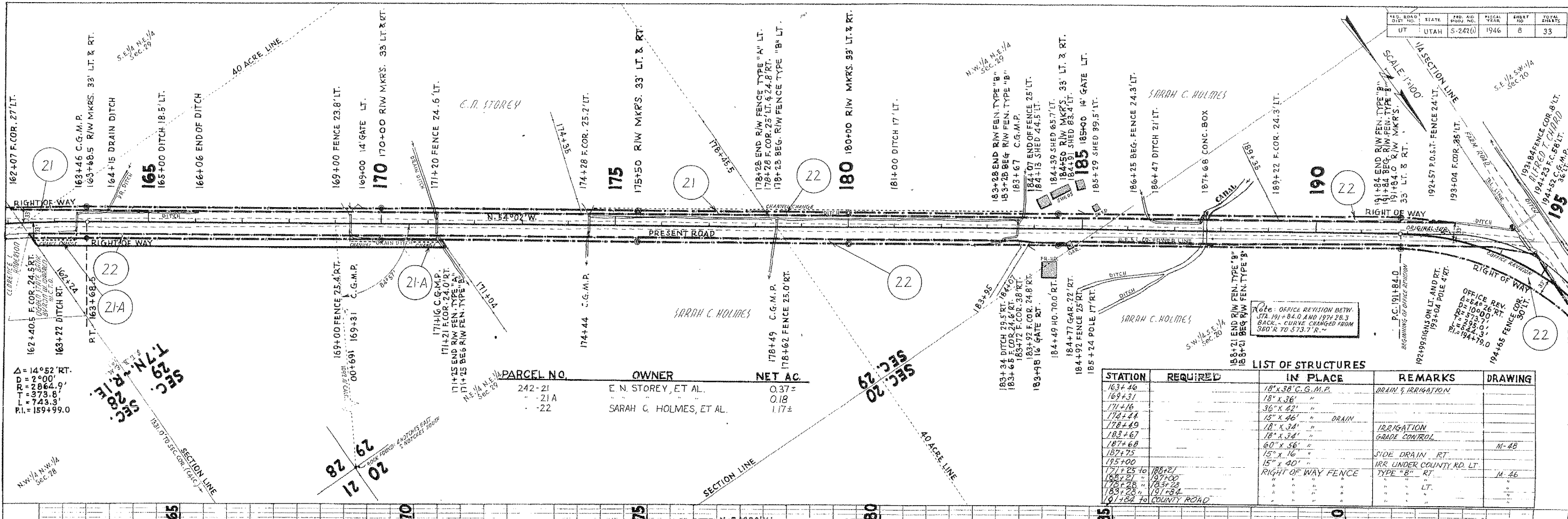


STATION	IN PLACE	REQUIRED	REMARKS	DRAWING
138+00	30" x 29" SEMI CIRCULAR CULV.	24" x 30" C.G.M.P.	SALVAGE OLD PIPE	
147+73	12" x 28" C.G.M.P.	18" x 30"	"	
50+16	15" x 24"	18" x 30"	"	
159+67	12" x 24"	18" x 36"	"	
160+48	36" x 6"	42" x 44"	REMOVE BOX	
161+38	12" x 24"	18" x 36"	"	
141+58	4' x 2' CONC. BOX	4' x 2' EXTENSIONS	GRADE CONTROL JAW 12" PIPE	E-802/26
134+00	141+50	750 STD. R/W FENCE RT.	" TYPE 'B'	M-46
141+00	154+50	1000 "	"	
157+00	1937	3600 "	"	
147+00	197+28	5028 "	"	
135+00		18" x 12"	"	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	EMBL. NO.	TOTAL SHEETS
UT	UTAH	5-242(0)	1946	8	33

SCALE: 1"=100'



Product: S-242 (1)
 County: 972
 Route: 162
 Plan: PLAN
 Note Book: NO. 3, 4, 5, 6, 7, 8, 9
 Sheet: 9

Δ = 14° 52' RT.
 D = 2900'
 R = 2664.9'
 T = 373.8'
 L = 743.3'
 P.I. = 159+99.0

PARCEL NO.	OWNER	NET AC.
242-21	E. N. STOREY, ET AL.	0.37±
-21A	"	0.18
-22	SARAH C. HOLMES, ET AL.	1.17±

STATION	REQUIRED	IN PLACE	REMARKS	DRAWING
163+46		18" x 30" C.G.M.P.	DRAIN & IRRIGATION	
169+31		18" x 36" "	"	
171+16		36" x 42" "	"	
174+44		15" x 46" "	DRAIN	
178+49		18" x 34" "	IRRIGATION	
183+67		18" x 34" "	GRADE CONTROL	
187+68		60" x 56" "	"	M-48
187+75		15" x 16" "	SIDE DRAIN RT	
185+00		15" x 40" "	IRR. UNDER COUNTY RD. LT.	
177+25 to 180+21		" " " "	RIGHT OF WAY FENCE TYPE "B" RT.	M-46
181+21		" " " "	" " " "	"
178+28		" " " "	" " " "	"
183+28		" " " "	" " " "	"
181+84 to 191+34		" " " "	" " " "	"
191+84 to COUNTY ROAD		" " " "	" " " "	"

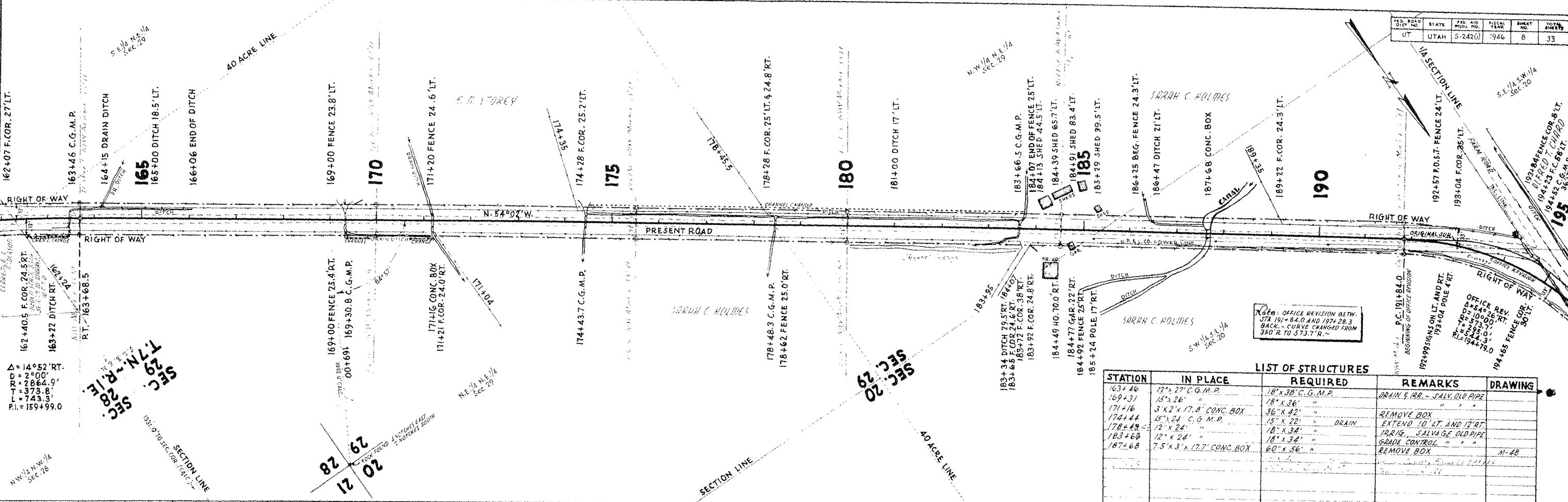
NOTE: OFFICE REVISION BETW. STA. 191+84.0 AND 197+28.3 BACK - CURVE CHANGED FROM 360' R TO 573.7' R.

OFFICE REV. 4-5-46 26 RT. D=1000' T=273.0' L=524.3' P.I.=194+79.0

FED. ROAD DIST.	STATE	FED. AID YEAR	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
UT	UTAH	5-242(0)	1946	8	33

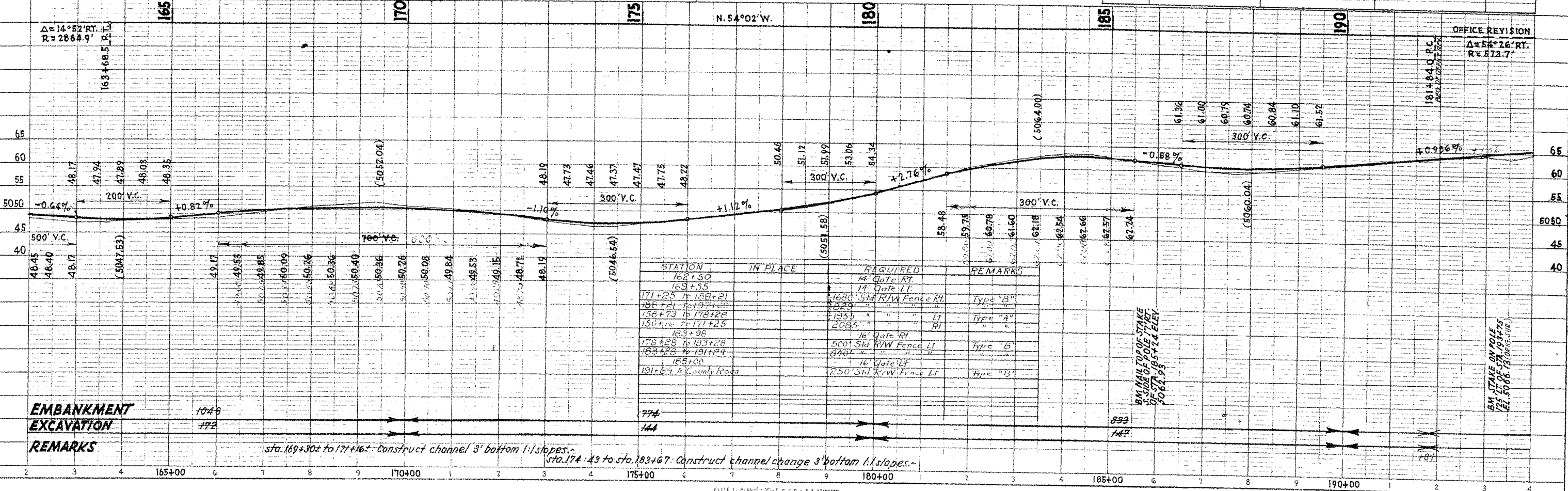
PLAN
 CURVES
 NOTED
 REVISIONS
 CHECKED
 DATE

PROFILE
 CHECKED
 DATE
 REVISIONS
 CHECKED
 DATE



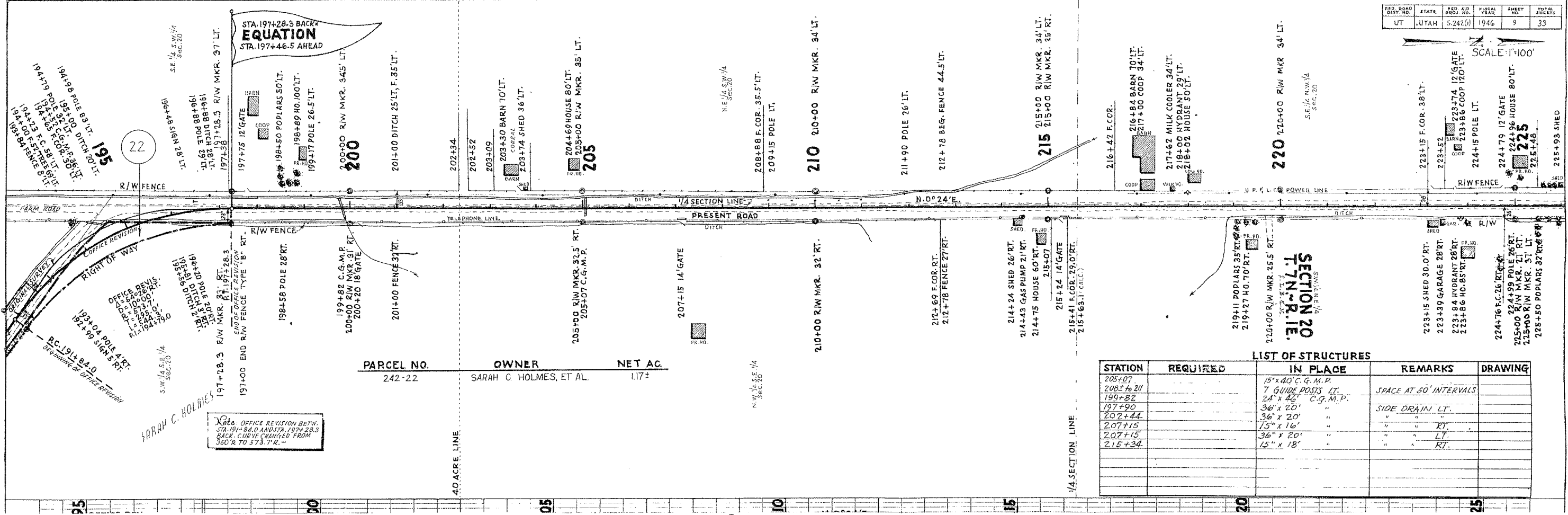
LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING
163+46	12" x 27" C.G.M.P.	18" x 38" C.G.M.P.	DRAIN & RR - SALV. OLD PIPE	
169+31	15" x 26"	18" x 36"	"	
171+16	3' x 2' x 17.8' CONC. BOX	36" x 42"	REMOVE BOX	
174+44	15" x 24" C.G.M.P.	15" x 22"	EXTEND 10' LT. AND 12' RT.	
178+49	12" x 24"	18" x 34"	RR 1/2" SALVAGE OLD PIPE	
183+68	12" x 24"	18" x 34"	GRADE CONTROL "	
187+68	7.5' x 3' x 17.7' CONC. BOX	60" x 56"	REMOVE BOX	M-48



Project: S-242 (17)
 County: 057
 Assessor: 1/12
 Note Book: 5632
 Sheet: 9

PLAN
 NO. 5632



PARCEL NO.	OWNER	NET AC.
242-22	SARAH C. HOLMES, ET AL.	1.17±

SECTION 20 T.N.-R.I.E.

LIST OF STRUCTURES

STATION	REQUIRED	IN PLACE	REMARKS	DRAWING
205+07		15' x 40' C.G.M.P.		
208± to 211		7 GUIDE POSTS LT.	SPACE AT 50' INTERVALS	
199+82		24' x 46' C.G.M.P.		
197+90		36' x 20'	SIDE DRAIN LT.	
202+44		36' x 20'	" " RT.	
207+15		15' x 16'	" " RT.	
207+15		36' x 20'	LT.	
215+34		15' x 18'	" " RT.	

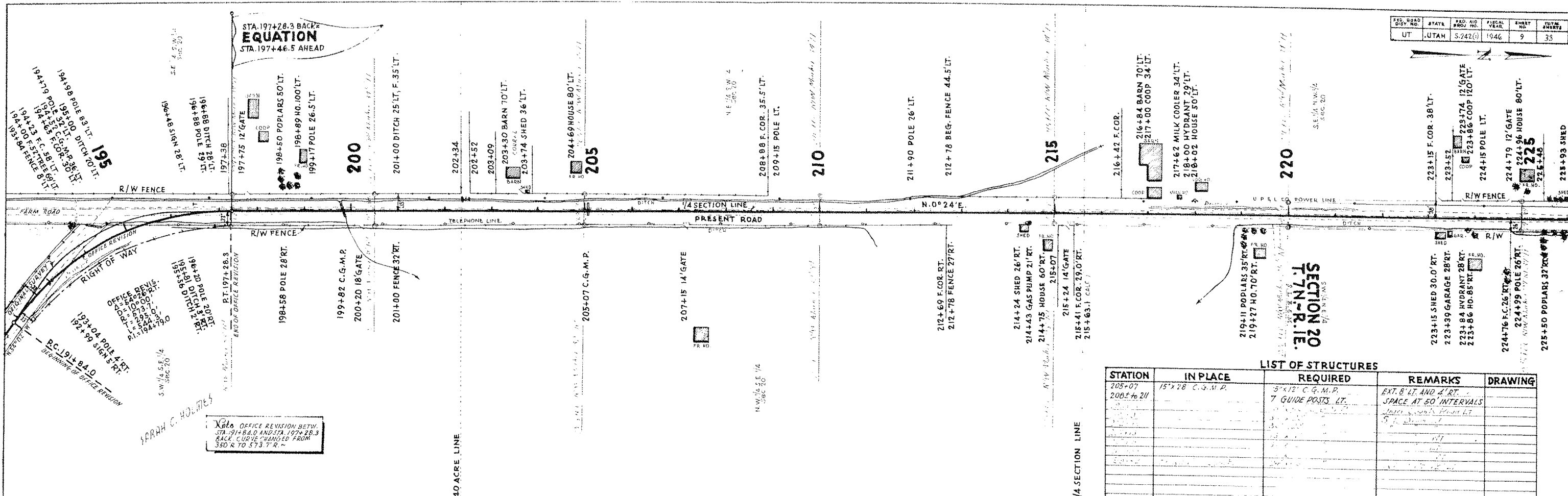
Office revision betw. STA. 197+28.3 and STA. 197+28.3 BACK. CURVE CHANGED FROM 360° TO 378° R.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
UT	UTAH	5-242(6)	1946	9	33

SCALE 1"=100'

PLAN
 SURVEYED BY C. M. LEONARD
 PLOTTED BY C. M. LEONARD
 CHECKED BY H. M. ERBRIEL
 DATE 10/15/45
 NO. 5432, 1764 CD

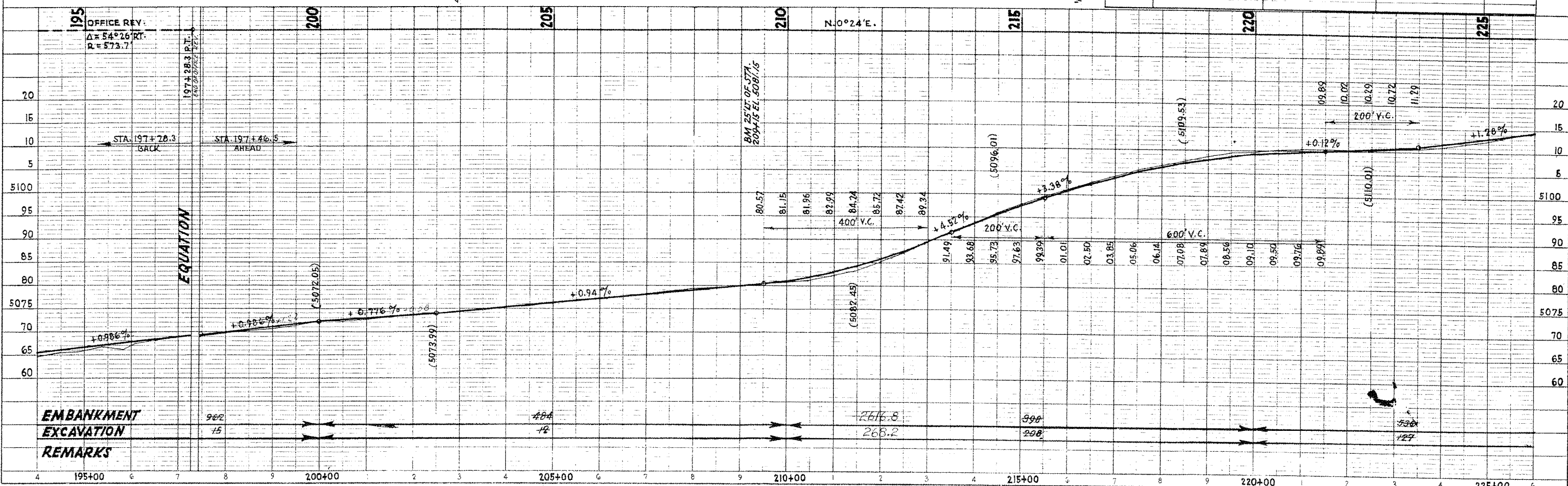
PROFILE
 SURVEYED BY C. M. LEONARD
 PLOTTED BY C. M. LEONARD
 CHECKED BY H. M. ERBRIEL
 DATE 10/15/45
 NO. 5432, 1764 CD



**SECTION 20
T. 7N., R. 1E.**

LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING
205+07	15'x28' C.G.M.P.	5'x12' C.G.M.P.	EXT. 8' LT. AND 4' RT.	
208+20		7 GUIDE POSTS LT.	SPACE AT 50' INTERVALS	
			UNDER EXISTING FENCE LT.	
			5' FROM	



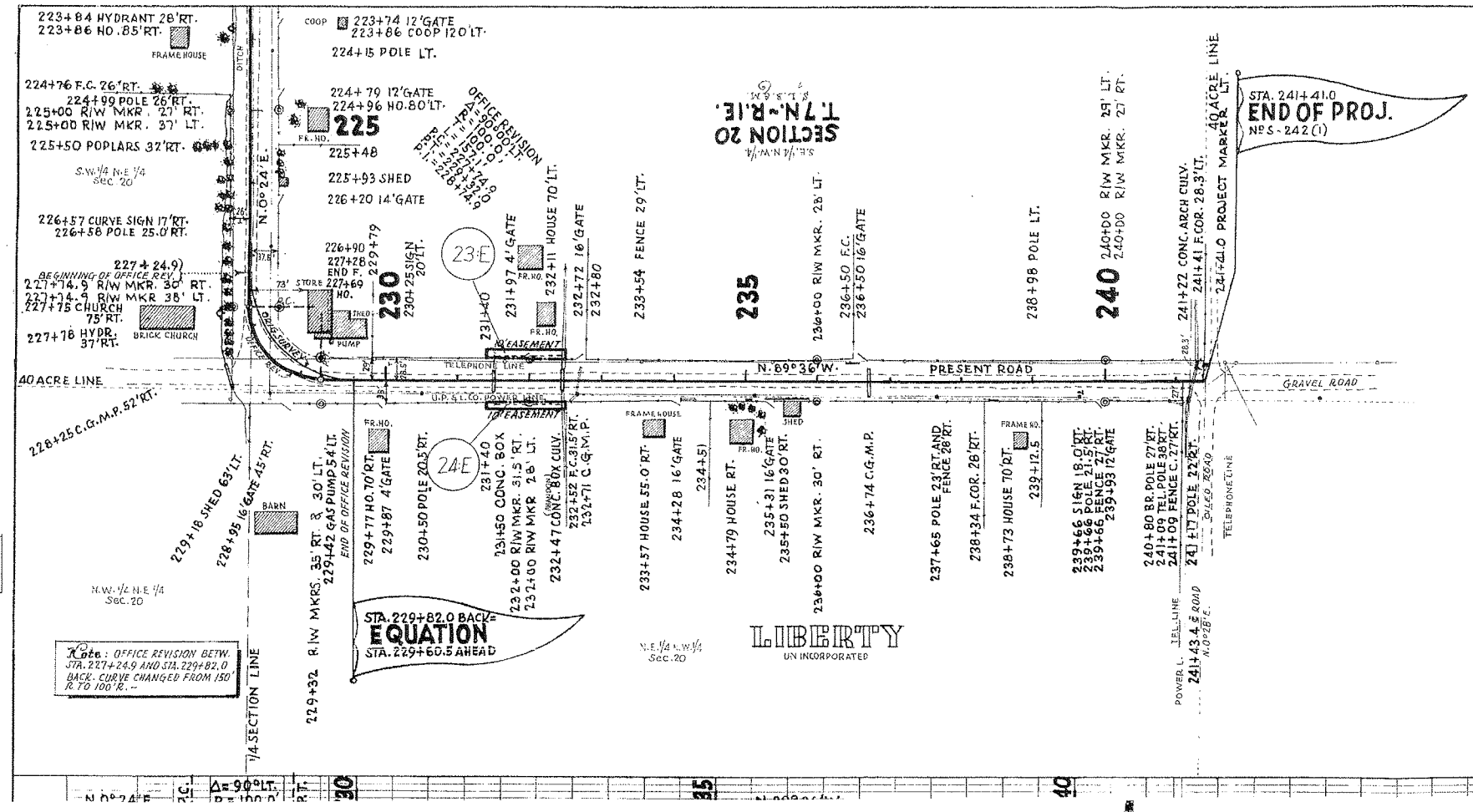
EMBANKMENT
EXCAVATION
REMARKS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
UT	UTAH	S-242(1)	1946	10	33

SCALE 1"=100'

PARCEL NO.	OWNER	NET AC.
242-23-E	JOHN S. WHITELY, ET AL	0.025
-24-E	EVERETT E. CANTLIN, ET AL.	0.025

LIST OF STRUCTURES				
STATION	REQUIRED	IN PLACE	REMARKS	DRAWING
236+74		18" x 36" C.G.M.P.		
241+22		30" x 56"	GRADE CONTROL	
231+50		3' x 1.3' x 30.0' CONC. BOX		SC 234-1-20
232+47		3' x 1' x 18' CONC. BOX	ABANDON	
232+71		18" x 36" C.G.M.P.	IRRIGATION	
232+50		15" x 12"	SIDE DRAIN RT.	
234+20		15" x 18"	"	
235+06		15" x 8"	"	
235+60		15" x 60"	"	
236+50		15" x 20"	" LT.	
236+45		15" x 14"	" RT.	
241+41		PROJECT MARKER	LEFT	



Project: S-242 (1)
 County: 957
 Note Book: 762
 No. 2420

Note: OFFICE REVISION BETW. STA. 227+24.9 AND STA. 229+82.0 BACK CURVE CHANGED FROM 150 R. TO 100 R.