

UTAH STATE ROADS

STATE ROAD COMMISSION
FEDERAL AID SYSTEM
OTHER STATE ROADS
SCALE 1 INCH = 40 MILES

STATE OF UTAH STATE ROAD COMMISSION

INDEX TO SHEETS SN-U-F.A.P. No 32 (3)

SHEET	DESCRIPTION	DRAWING No.	STATION
1	TITLE SHEET		
2	TYPICAL SECTION		
3	PLAN AND PROFILE		
4-5	STD. HIGHWAY SIGNS	B-95-1, 2	
6-A	STD. R/W FENCE	M-46	
1-2	X-SECTIONS		

PLANS OF PROPOSED STATE ROAD FEDERAL AID PROJECT

- SN - F.A.G.H. No 214-C (3) CROSSING SIGN.
- SN - F.A.G.H. No 214-C (2) ~ 0.527 MILES
- SN - F.A.P. No 214-C (1) ~ 2.054 MILES
- SN - F.A.P. No 214-D (1) ~ 0.160 MILES
- SN-U-F.A.P. No 214-E (1) ~ 3.543 MILES
- SN - F.A.G.H. No 214-F (1) ~ 0.455 MILES
- SN-U-F.A.P. No 32 (3) ~ 0.189 MILES

INDEX TO SHEETS SN-U-F.A.P. No 214-E (1)

SHEET	DESCRIPTION	DRAWING	STATION
1	TITLE SHEET		
2	TYPICAL SECTION		
3-9	PLAN AND PROFILE		
10-11	STD. HIGHWAY SIGNS	B-95-1, 2	
12	CATCH BASIN	V-302	
13	CONC. DIV. BOX LT. & RT.	V-303	
14	CONC. DIV. BOXES LT. & RT.	V-303	
15	CONC. BOX & DIV. FEATURES	V-303	
16	CONC. BOX & DIV. FEATURES	V-303	
17	CONC. BOX & DIV. FEATURES	V-303	
18	CONC. BOX & DIV. FEATURES	V-303	
19	CONC. BOX & DIV. FEATURES	V-303	
20	CONC. BOX & DIV. FEATURES	V-303	
20-A	F.A.P. MARKERS	M-45	
20-B	R/W FENCE AND GATES	M-46	
20-C	SUPER. & WIDEN CURVES	M-37	
1-15	X-SECTIONS		

INDEX TO SHEETS F.A.G.H. No 214-C (2)

SHEET	DESCRIPTION	DRAWING	STATION
1	TITLE SHEET		
2	TYPICAL SECTION		
3	PLAN AND PROFILE		
4-13	194.92' O.L.C. CONC. T-BEAM OVERHEAD	D-487	14+23.96
14	2'x2' CONC. JUNCTION BOX LT.	J-494	5+20.5
15-16	STD. HIGHWAY SIGNS	B-95-1, 2	
17-A	F.A.D. AND R/W MARKERS	M-45	
17-B	STD. R/W FENCE	M-46	VARIOUS
18	2-WAY DIVERSION BOX	V-205	23+20
1-7	X-SECTIONS		

INDEX TO SHEETS F.A.G.H. No 214-C (3)

SHEET	DESCRIPTION	DRAWING	STATION
1	TITLE SHEET		
2	SITUATION PLAN		
3	SIGNAL AND ACC. EQUIPMENT	D.R.G.W.	32+11.6
4	WIRING DIAGRAM		

INDEX TO SHEETS SN-F.A.G.H. No 214-F (1)

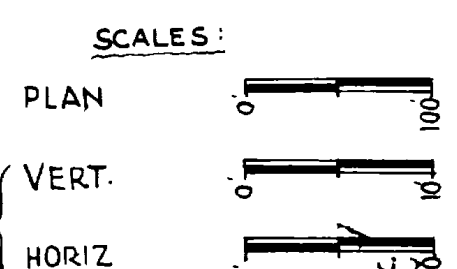
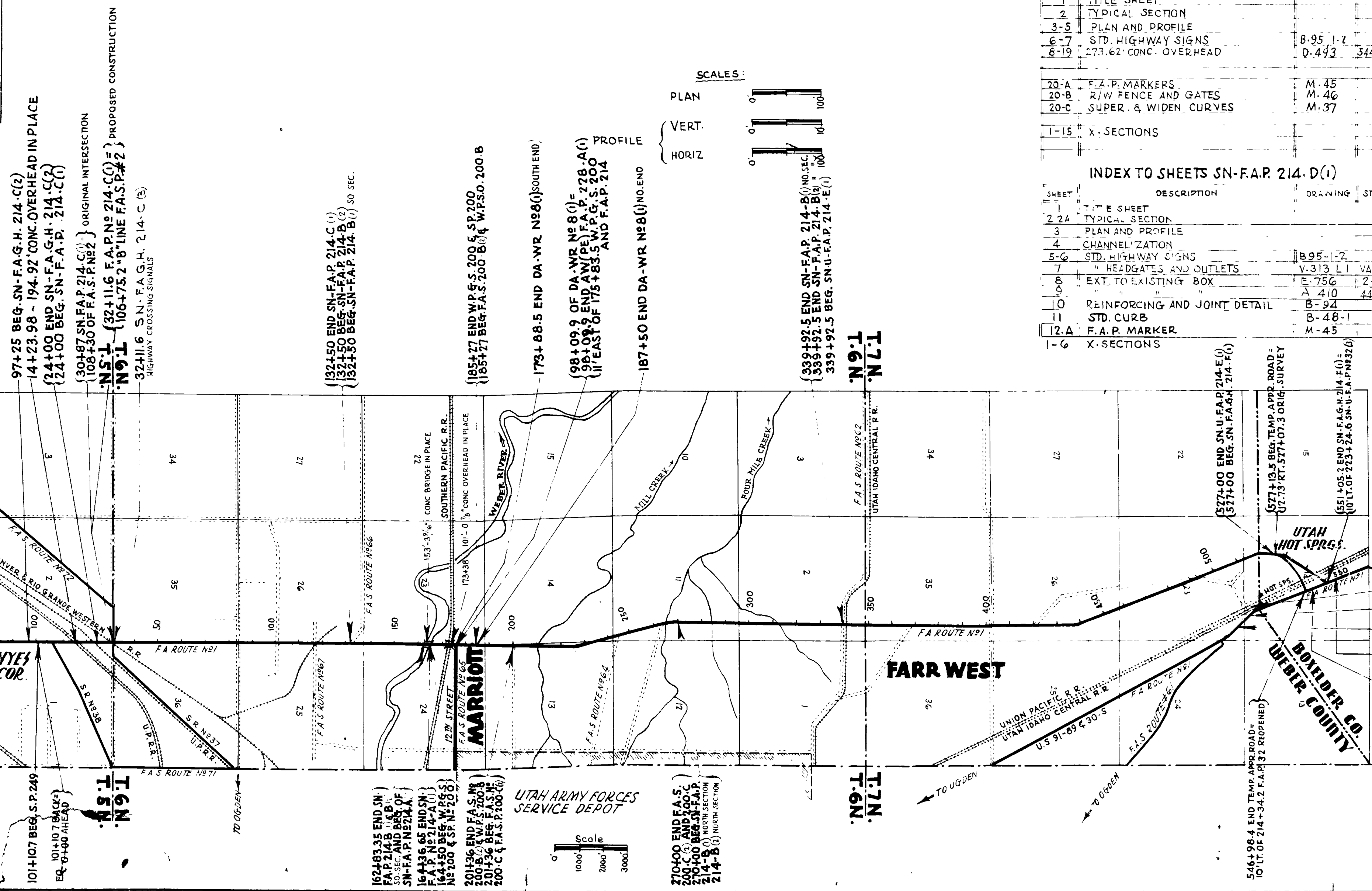
SHEET	DESCRIPTION	DRAWING	STATION
1	TITLE SHEET		
2	TYPICAL SECTION		
3-5	PLAN AND PROFILE		
6-7	STD. HIGHWAY SIGNS	B-95-1, 2	
8-19	273.62' CONC. OVERHEAD	D-493	344+4.07
20-A	F.A.P. MARKERS	M-45	
20-B	R/W FENCE AND GATES	M-46	
20-C	SUPER. & WIDEN CURVES	M-37	
1-15	X-SECTIONS		

INDEX TO SHEETS SN-F.A.P. 214-C (1)

SHEET	DESCRIPTION	DRAWING	STATION
1	TITLE SHEET		
2	TYPICAL SECTION		
3-8	PLAN AND PROFILE		
9-10	3-WAY DIVERSION BOX	V-206	34+50
11	STD. DIVERSION BOX	V-302	52+38
12	CATCH BASIN	V-330-L-2	62+02
13	18'x102' CONC. PIPE SYPHON	E-746-L-4	77+04
14	STD. 2-WAY DIVERSION BOX LT. & RT.	V-205	83+71
15	13'x4'x49' CONC. BOX	A-411-L-4	114+40
16-18	7'x6' CONC. DIV. BOX WITH TRANSITION	V-305	174+55.87
19	32' CONC. TRANSITION FROM CONC. BOX TO CANAL	V-303	174+55.87
20	6'x3'x77' CONC. BOX	SC-5678-L-2	184+03
21	WILSON CANAL REVISIONS	V-312	184+03
22	HEADGATES AND OUTLETS	V-224	VARIOUS
23	18'x102' CONC. PIPE SYPHON	E-746-L-5	130+97
24-A	R/W MARKERS	M-45	
24-B	SUPER. AND WIDEN CURVES	M-37	
24-C	STD. R/W FENCE (NON-PART.)	M-46	VARIOUS
25-26	STD. HIGHWAY SIGNS	B-95-1, 2	
27	RR ADVANCE WARNING SIGN	J-483	
28	RR X-ING SIGN	B-40	
15-A	6'x3'x24' CONC. BOX	A-411-L-6	126+12.8
15-B	6'x3'x12' CONC. BOX	A-411-L-5	126+12.8
1-26	X-SECTIONS		

INDEX TO SHEETS SN-F.A.P. 214-D (1)

SHEET	DESCRIPTION	DRAWING	STATION
1	TITLE SHEET		
2-2A	TYPICAL SECTION		
3	PLAN AND PROFILE		
4	CHANNELIZATION		
5-6	STD. HIGHWAY SIGNS	B-95-1, 2	
7	HEADGATES AND OUTLETS	V-313-L-1	VARIOUS
8	EXT. TO EXISTING BOX	E-756	2+74
9	EXT. TO EXISTING BOX	A-410	446+51
10	REINFORCING AND JOINT DETAIL	B-92	
11	STD. CURB	B-48-1	
12-A	F.A.P. MARKER	M-45	
1-6	X-SECTIONS		



APPROVED MARCH 1942
STATE ROAD COMMISSION OF UTAH

Anderson
DESIGN ENGINEER

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

RECOMMENDED FOR APPROVAL

CHIEF, WESTERN REGION
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

97+25 BEG. SN-F.A.G.H. 214-C(2)
14+23.98 - 194.92' CONC. OVERHEAD IN PLACE
(24+00 END SN-F.A.G.H. 214-C(2)
(24+00 BEG. SN-F.A.D. 214-C(1)
(30+87.50 END SN-F.A.P. 214-C(1)
(30+87.50 BEG. SN-F.A.P. 214-C(1)
ORIGINAL INTERSECTION
NS-1 (32+11.6 F.A.P. No 214-C(1))
NS-1 (106+75.2' B' LINE F.A.S.P. #2)
32+11.6 SN-F.A.G.H. 214-C(5)
HIGHWAY CROSSING SIGNAL

(132+450 END SN-F.A.P. 214-C(1)
(132+450 BEG. SN-F.A.P. 214-B(2)
(132+450 BEG. SN-F.A.P. 214-B(1)) SO SEC.

(185+27 END W.P.S. 200 S, S.P. 200
(185+27 BEG. F.A.S. 200 B) W.P.S. 200 B

173+08.5 END DA-WR N88(S) SOUTH END

(98+09.9 OF DA-WR N8(1))
(98+09.9 END AW(PE) F.A.P. 228-A(1))
(11' EAST OF 175+83.5 W.P.G. S. 200
AND F.A.P. 214

187+50 END DA-WR N88(1) NO. END

(339+92.5 END SN-F.A.P. 214-B(1) NO. SEC.
(339+92.5 END SN-F.A.P. 214-B(1))
(339+92.5 BEG. SN-U-F.A.P. 214-E(1))

177N.
T6N.
T6N.

3+00 END OF SN-F.A.P. No 214-D(1)
442+71.1 BEG. OF SN-F.A.P. 214-D(1)
78.4' LT. OF 9+19.5 F.A.P. 114-A
(SNA F.A.P. 114-A) 1ST CONTRACT EQ. (0+36 AHEAD)

438+94 END SN-F.A.P. No 114-E(1)
5+66.5 BEG. SN-F.A.P. 114-A(4) 1ST CONT.
5+66.5 BEG. N.R.H. No 114-A &
F.A.P. No 114-A

0409 BEG. AW(PE) F.A.P. 221A(1)
0409 BEG. OF DA-WR N85(1)
9 RT. 422+32.2 F.A.P. No 114-E(1)

13+55 END AW(PE) F.A.P. 221A(1)
13+55 END OF DA-WR N85(1)

19482.7 END SN-F.A.P. 114-A(4) 1ST CONT.
21+64.56 BEG. SN-F.A.P. 114-A(4) 2ND CONT.

R.2W.
R.1W.

87+66.5 BACK END AW(PE) F.A.P. No 222-A(1)
88+88.7 AH. BEG. AW(PE) F.A.P. 222-B(1) AND
DA-WR N82(1)

90+84.0 END F.A.P. 114-A & N.R.H. 114-A (R.S.D.)
90+84.0 BEG. F.A.P. 114-B & N.R.H. 114-B (R.S.D.)

101+107 BEG. S.P. 240
101+107 BEG. EQ. 90+400 AHEAD

162+83.35 END SN-F.A.P. 214-B(1)
162+83.35 BEG. SN-F.A.P. 214-B(1)
162+83.35 BEG. SN-F.A.P. 214-B(1)
162+83.35 BEG. SN-F.A.P. 214-B(1)

201+56.5 END SN-F.A.P. 214-B(1)
201+56.5 BEG. SN-F.A.P. 214-B(1)
201+56.5 BEG. SN-F.A.P. 214-B(1)
201+56.5 BEG. SN-F.A.P. 214-B(1)

270+00 END F.A.S.
270+00 END F.A.S.
270+00 BEG. SN-F.A.P. 214-B(1)
270+00 BEG. SN-F.A.P. 214-B(1)
270+00 BEG. SN-F.A.P. 214-B(1)

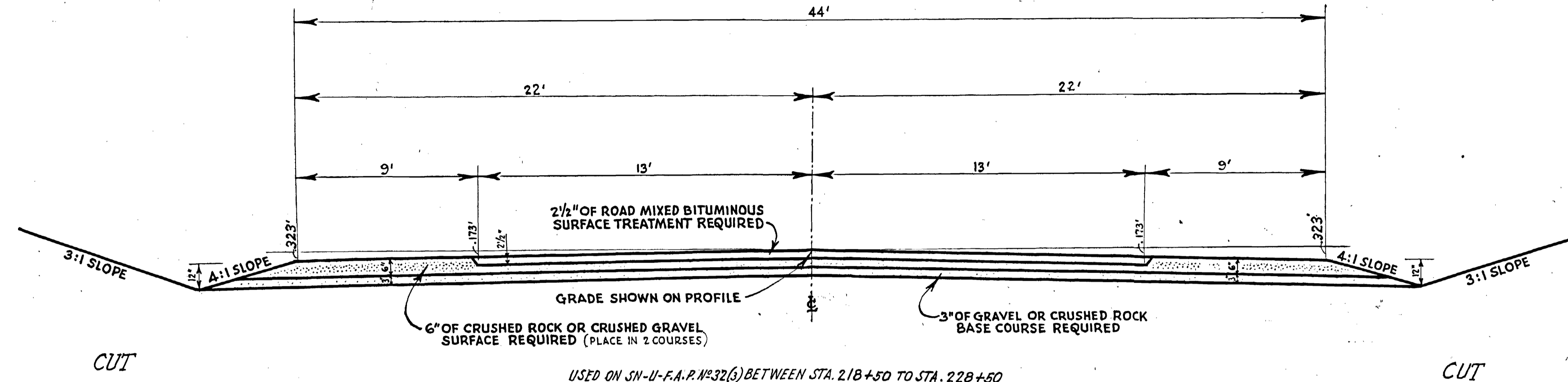
546+98.4 END TEMP. APPR. ROAD =
10' LT. OF 214+342.2 F.A.P. 32 (RESPOND)

UTAH ARMY FORCES SERVICE DEPOT

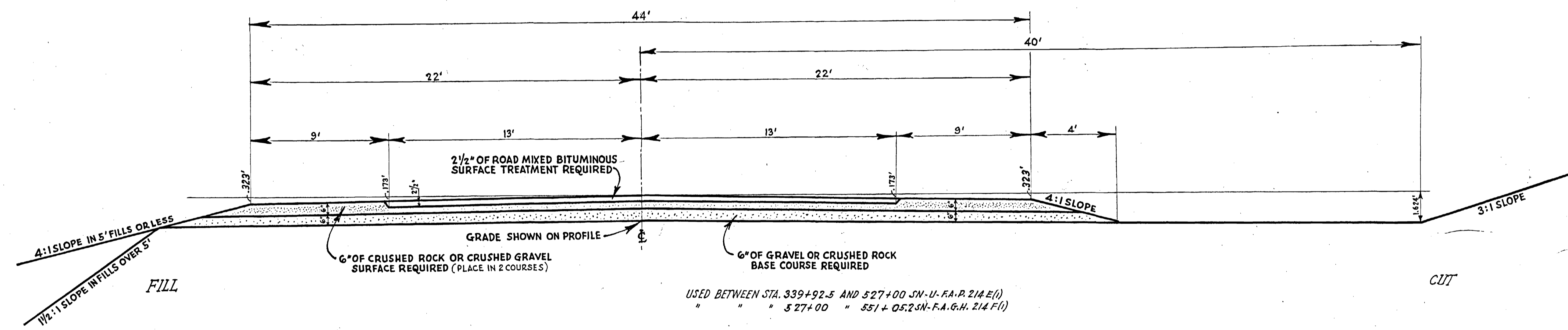
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TYPICAL CROSS SECTION

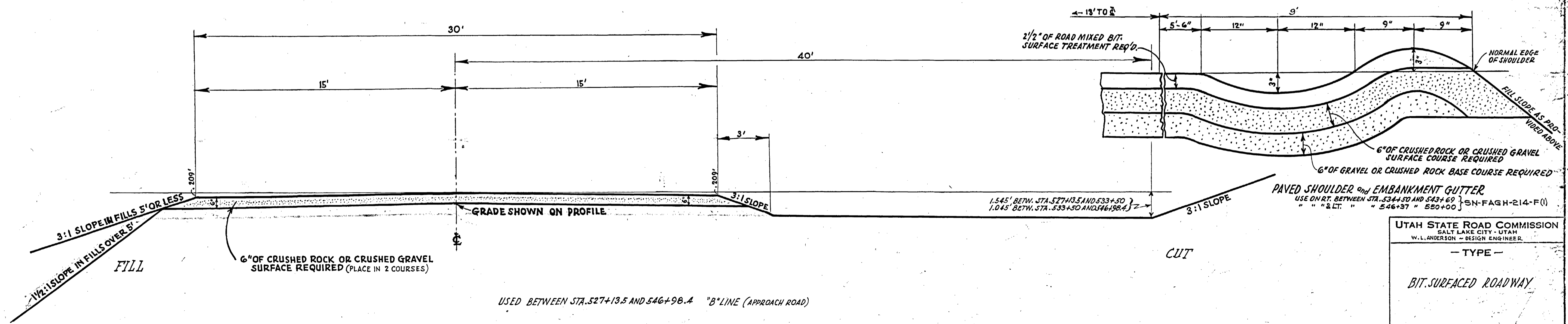
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	32(3)	1943	2	6
"	"	214-E	1943	2	
"	"	214-F(1)	1943	-2	



USED ON SN-U-F.A.P. #32(3) BETWEEN STA. 218+50 TO STA. 228+50



USED BETWEEN STA. 339+92.5 AND 527+00 SN-U-F.A.P. 214 E(1)
 " " " 527+00 " 351+05.2 SN-F.A.G.H. 214 F(1)

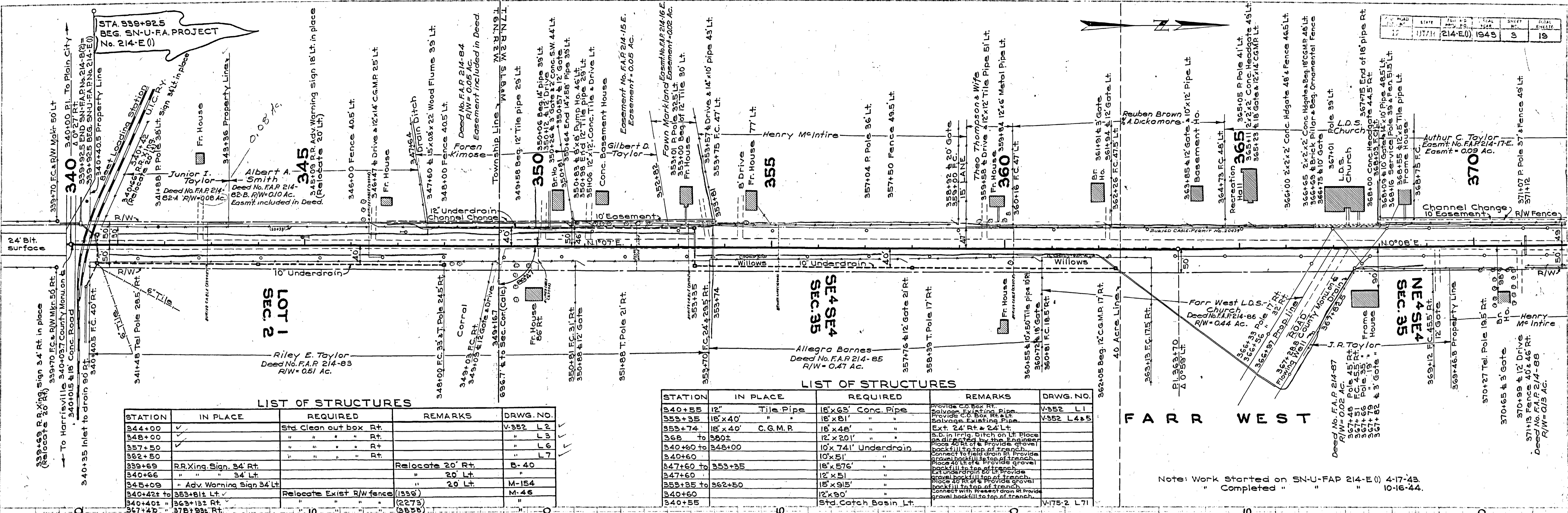


USED BETWEEN STA. 527+13.5 AND 546+98.4 "B" LINE (APPROACH ROAD)

UTAH STATE ROAD COMMISSION
 SALT LAKE CITY - UTAH
 W.L. ANDERSON - DESIGN ENGINEER

- TYPE -
 BIT. SURFACED ROADWAY

C.M. Farnesbeck 1942
H.S. Wright 1943
F.B. Peterson
H.S.W. 5179



LIST OF STRUCTURES

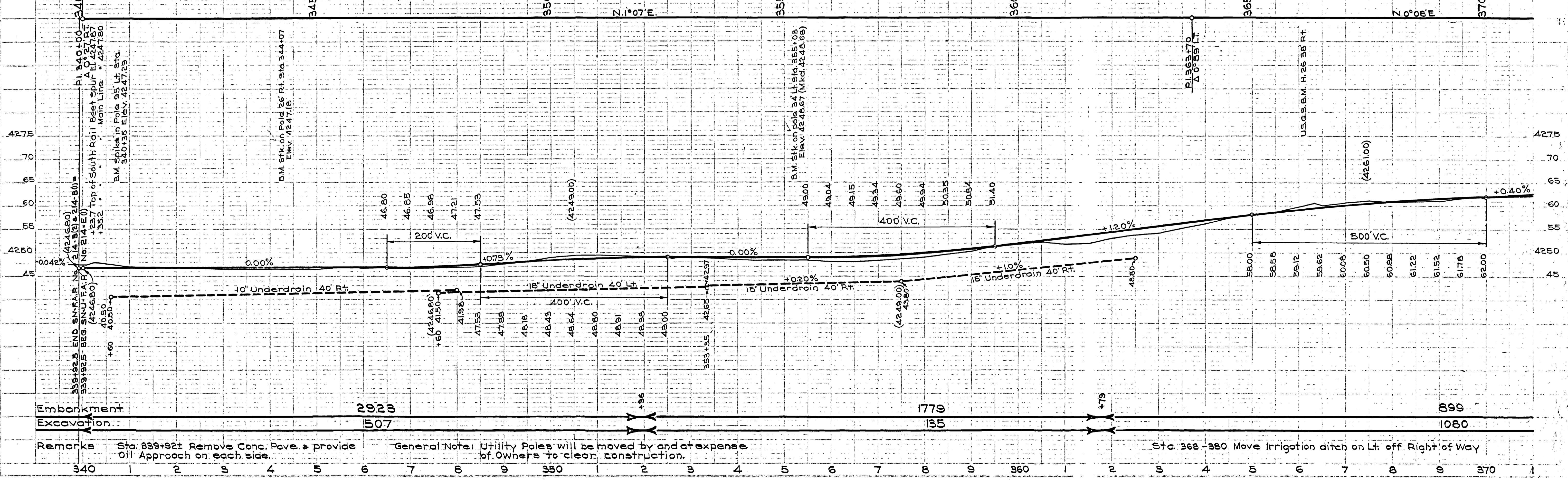
STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
344+00	Std. Clean out box Rt.			V-352 L1
348+00				L3
357+50				L7
362+50				L10
339+69	R.R. Xing. Sign. 34' Rt.		Relocate 20' Rt.	B-40
340+66	" 34' Lt.		"	"
345+09	" Adv. Warning Sign 34' Lt.		"	M-154
340+42 to 353+81 Lt.	Relocate Exist. R/W fence (1335)		"	"
340+40 to 363+132 Rt.	Relocate Exist. R/W fence (2273)		"	"
367+40 to 378+93 Rt.	Relocate Exist. R/W fence (2858)		"	"

LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
340+55	12" Tile Pipe	18" x 63" Conc. Pipe	Provide Catch Basin	V-352 L1
353+35	18" x 40' C.G.M.P.	18" x 81' "	Relocate Existing Pipe	V-352 L4 & 5
353+74	18" x 40' "	18" x 48' "	Ext. 24' Rt. & 24' Lt.	"
368	360±	12" x 20' "	S.D. in Irreg. Ditch on Lt. Place	"
340+60 to 348+00	10' x 74" Underdrain	10' x 51' "	Backfill to top of trench, gravel backfill to top of trench, provide gravel backfill to top of trench.	"
347+60 to 353+35	18' x 576'	12' x 51' "	Backfill to top of trench, gravel backfill to top of trench, provide gravel backfill to top of trench.	"
347+60	12' x 51'	15' x 915'	Backfill to top of trench, gravel backfill to top of trench, provide gravel backfill to top of trench.	"
353+35 to 362+50	12' x 90'		Connect with Present drain. Provide gravel backfill to top of trench.	"
340+60	12' x 90'			"
340+55	Std. Catch Basin Lt.			W-75-2 L71

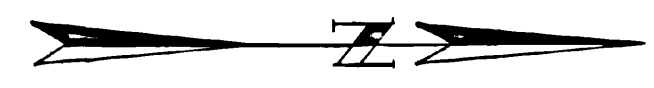
FARR WEST

Note: Work Started on S-N-U-FAP 214-E(0) 4-17-43
 Completed " " " " " " 10-16-44.



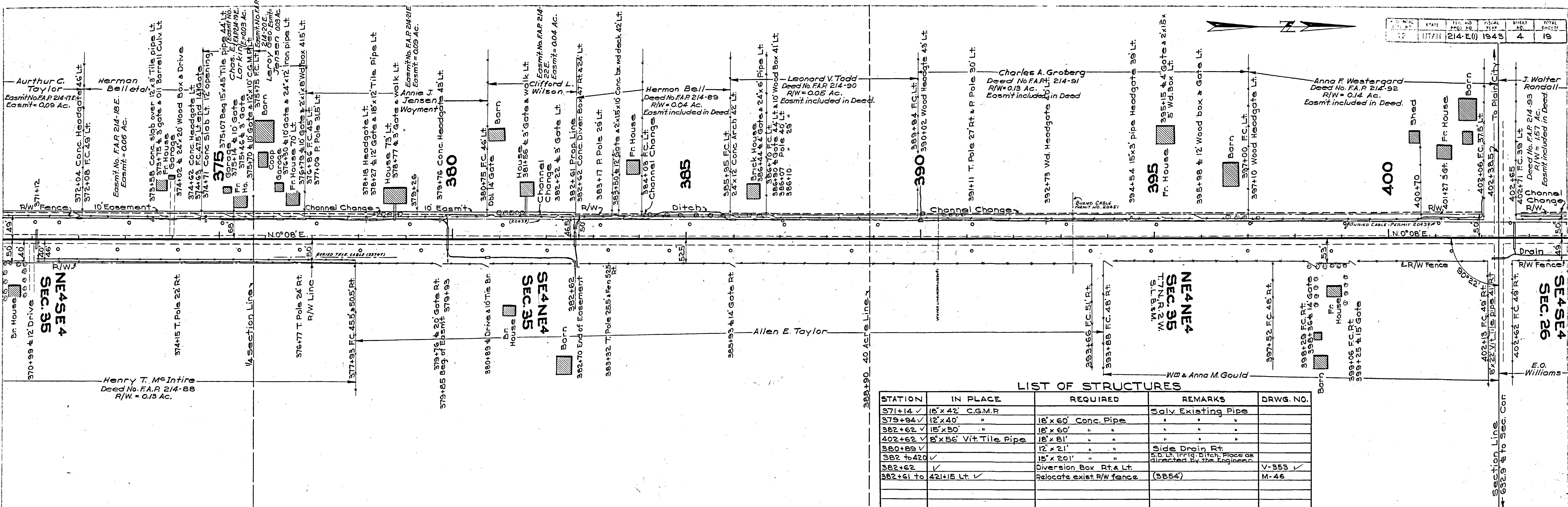
Remarks: Sta. 339+921 Remove Conc. Pav. & provide Oil Approach on each side.
 General Note: Utility Poles will be moved by and at expense of Owners to clear construction.
 Sta. 368-380 Move Irrigation ditch on Lt. off Right of Way

C.M. Farnesbeck 1943
H.S. Wright 1943
F.B. Peterson
H.S.W. 5179



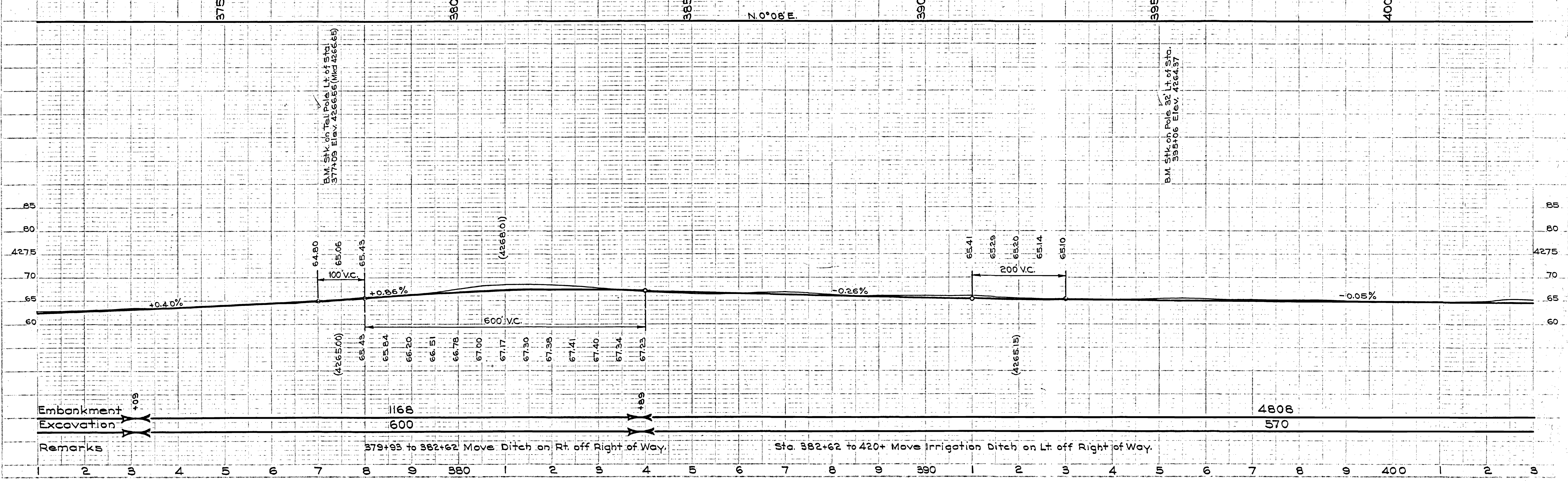
C.M. Farnesbeck 1943
H.S. Wright
F.B. Petersen

C.M. Farnesbeck 1943
H.S. Wright
F.B. Petersen



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
371+14	18' x 42' C.G.M.R		Only Existing Pipe	
379+94	12' x 40'	18' x 60' Conc. Pipe		
382+62	15' x 50'	18' x 60'		
402+62	8' x 56' Vit. Tile Pipe	18' x 81'		
380+89	12' x 21'		Side Drain Rt.	
382+420	15' x 201'		5.5 Lt. Irrig. Ditch, place as directed by the Engineer.	
382+62		Diversion Box Rt. & Lt.		V-353
382+61 to 421+15 Lt.		Relocate exist R/W fence	(3854')	M-46

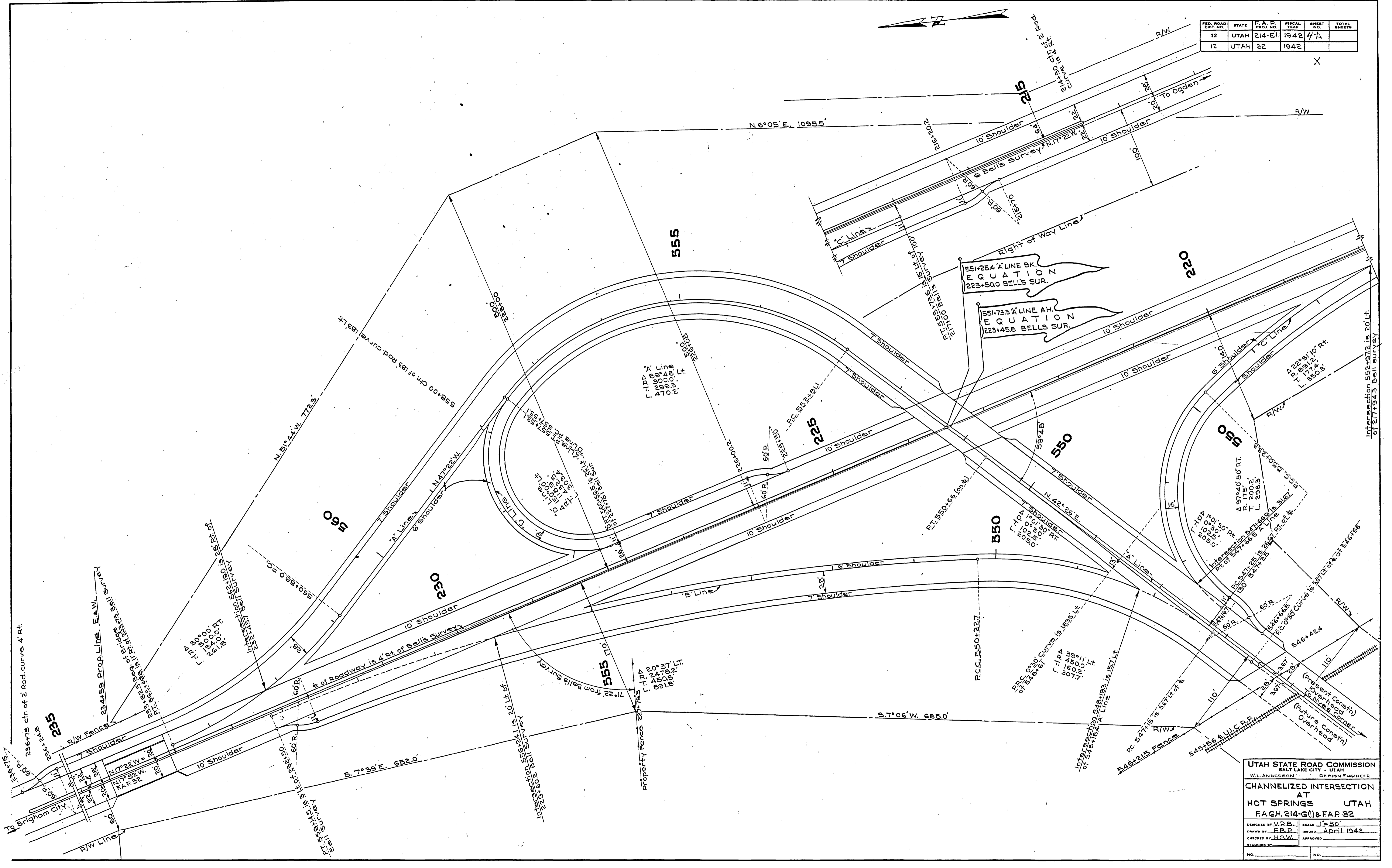


379+93 to 382+62 Move Ditch on Rt. off Right of Way.
Sta. 382+62 to 420+ Move Irrigation Lt. on Lt. off Right of Way.

Remarks

4808
570

FED. ROAD DIST. NO.	STATE	F. A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	214-E1	1942	4-A	
12	UTAH	32	1942		

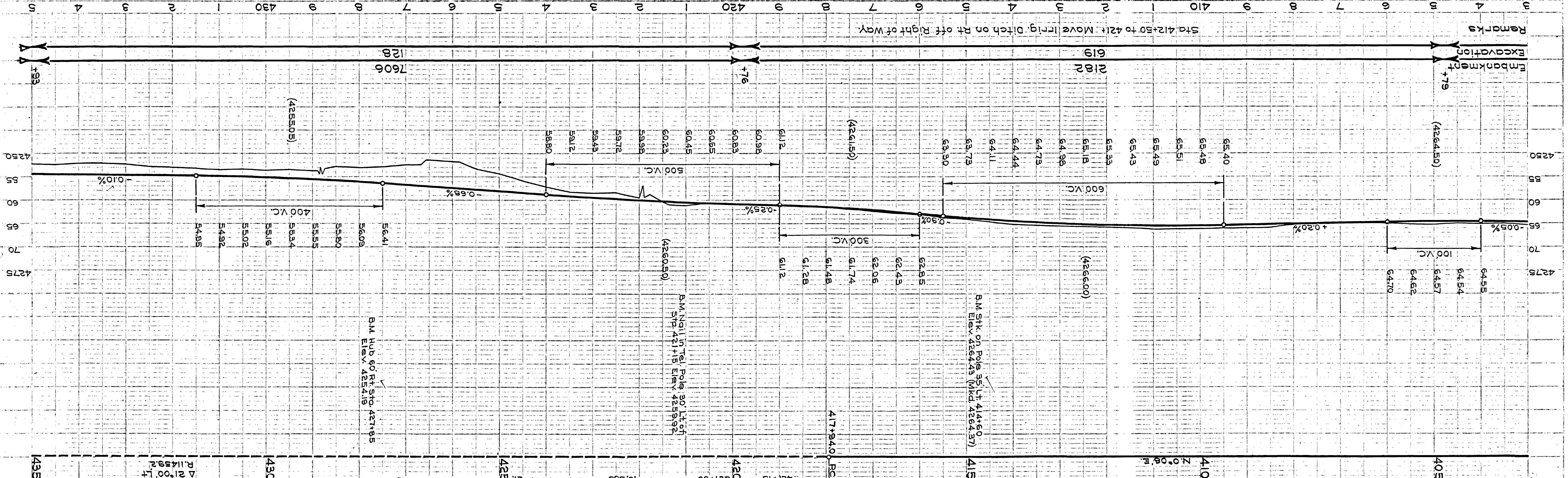


UTAH STATE ROAD COMMISSION
SALT LAKE CITY - UTAH
W. L. ANDERSON DESIGN ENGINEER

CHANNELIZED INTERSECTION
AT
HOT SPRINGS UTAH
F.A.G.H. 214-G(1) & F.A.P. 32

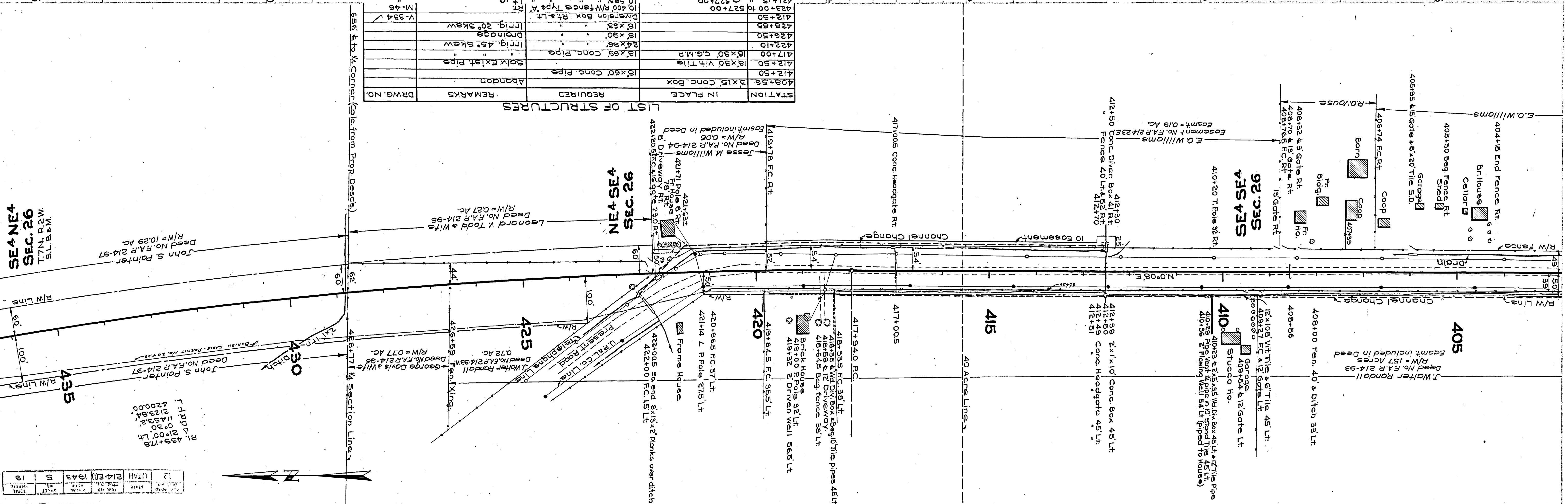
DESIGNED BY V.P.B. SCALE 1"=50'
DRAWN BY E.B.P. ISSUED April 1942
CHECKED BY H.S.W. APPROVED
EXAMINED BY

NO. _____ NO. _____

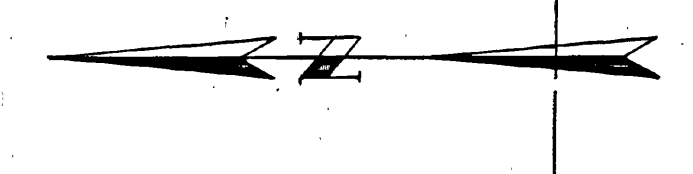


STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
418+56	3' x 15' Conc. Box	18" x 60" Conc. Pipe	Abandon	
417+50	18" x 30" VIT. TIE	18" x 36" Conc. Pipe	Salv exist. pipe	
417+00	18" x 30" C.G.M.P.	18" x 36" VIT. TIE		
422+10		18" x 36" Conc. Pipe	Irrig. 45' skew	
426+85		18" x 30" VIT. TIE	Irrig. 20' skew	
421+50 to 427+00		10" x 400 R/W Fence Type A		M-46

LIST OF STRUCTURES



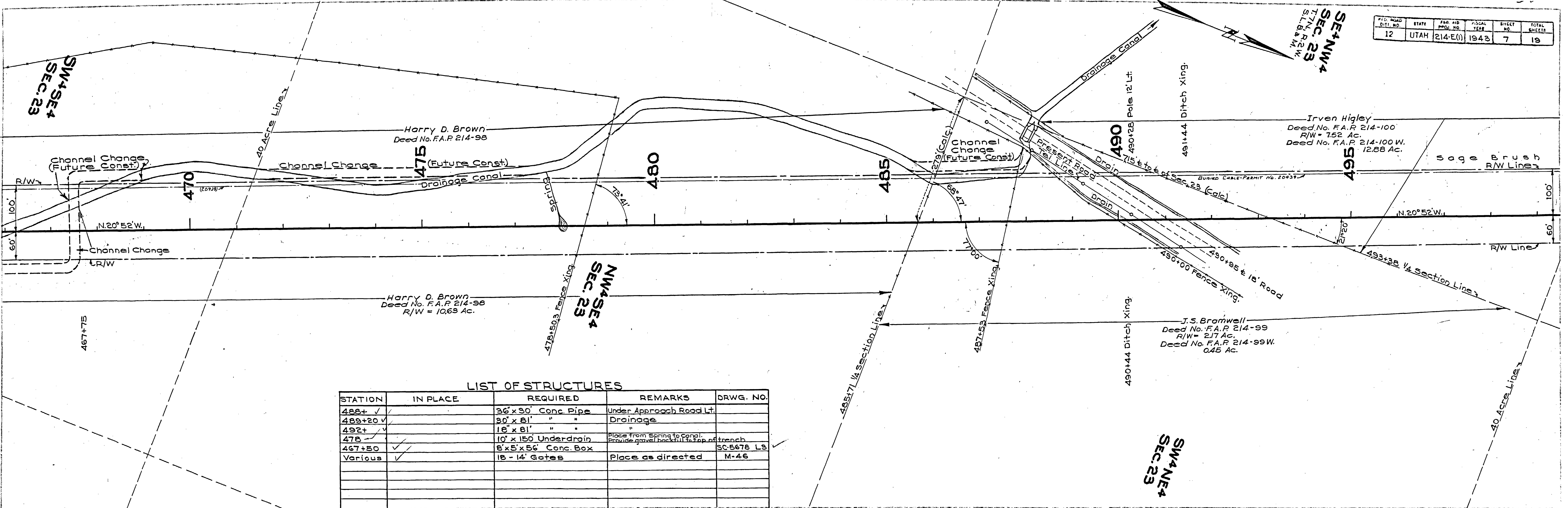
NO.	DATE	BY	SCALE	REVISION
12	1/17/43	H.S.W.	1" = 40'	1
13	2/12/43	F.P.P.	1" = 40'	2
14	3/12/43	F.P.P.	1" = 40'	3
15	4/12/43	F.P.P.	1" = 40'	4
16	5/12/43	F.P.P.	1" = 40'	5
17	6/12/43	F.P.P.	1" = 40'	6
18	7/12/43	F.P.P.	1" = 40'	7
19	8/12/43	F.P.P.	1" = 40'	8
20	9/12/43	F.P.P.	1" = 40'	9



FED. ROAD DIST. NO.	STATE	PROJ. AND P.M.O. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	214-E(1)	1943	7	19

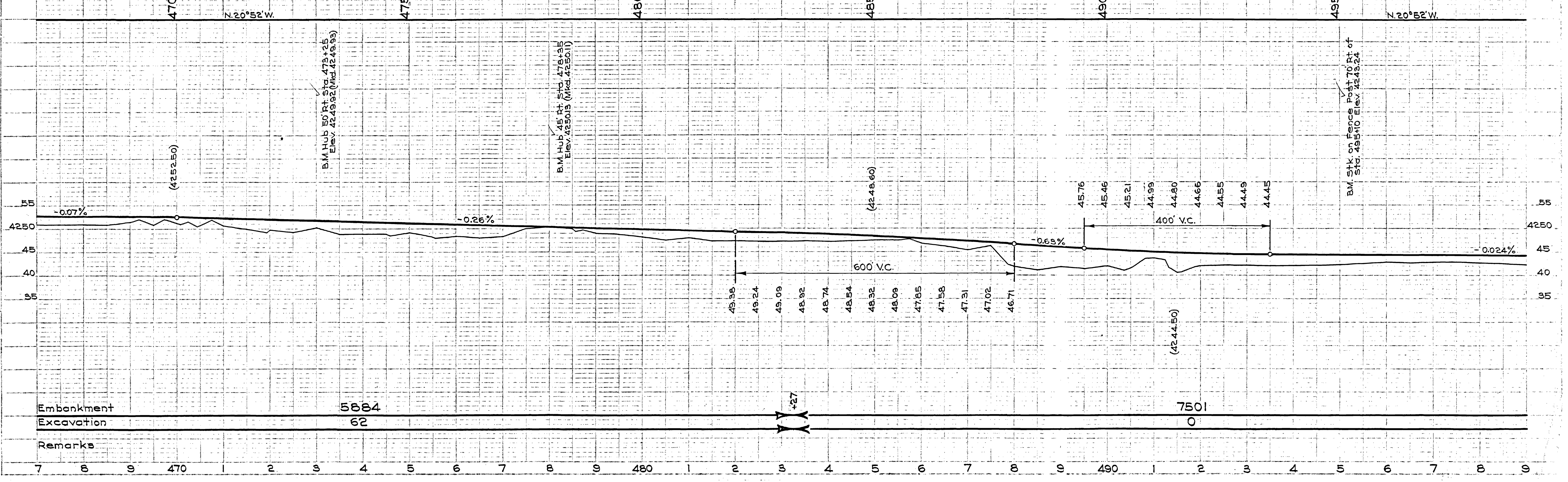
CM. Fonnesbeck 1943
 H. B. Wright 1943
 F. B. Petersen 1943
 5176 Traced

CM. Fonnesbeck 1942
 H. B. Wright 1943
 F. B. Petersen 1943
 H. S. W. 1943
 5178 Traced

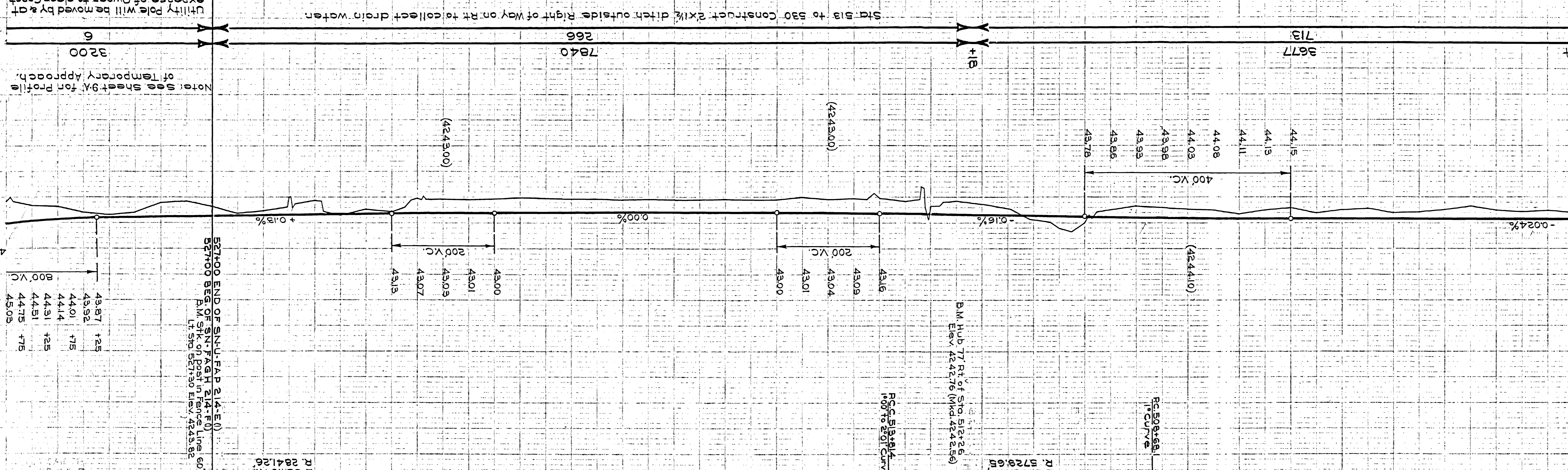


LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
488+	✓	36" x 30" Conc. Pipe	Under Approach Road Lt.	
489+20	✓	30" x 81" " "	Drainage	
492+	✓	18" x 81" " "	" "	
478	✓	10' x 150 Underdrain	Place from Spring to Canal. Provide gravel backfill to top of trench	
467+50	✓	8' x 5' x 56" Conc. Box		SC-5678 L.S.
Various	✓	18 - 14' Gates	Place as directed	M-46

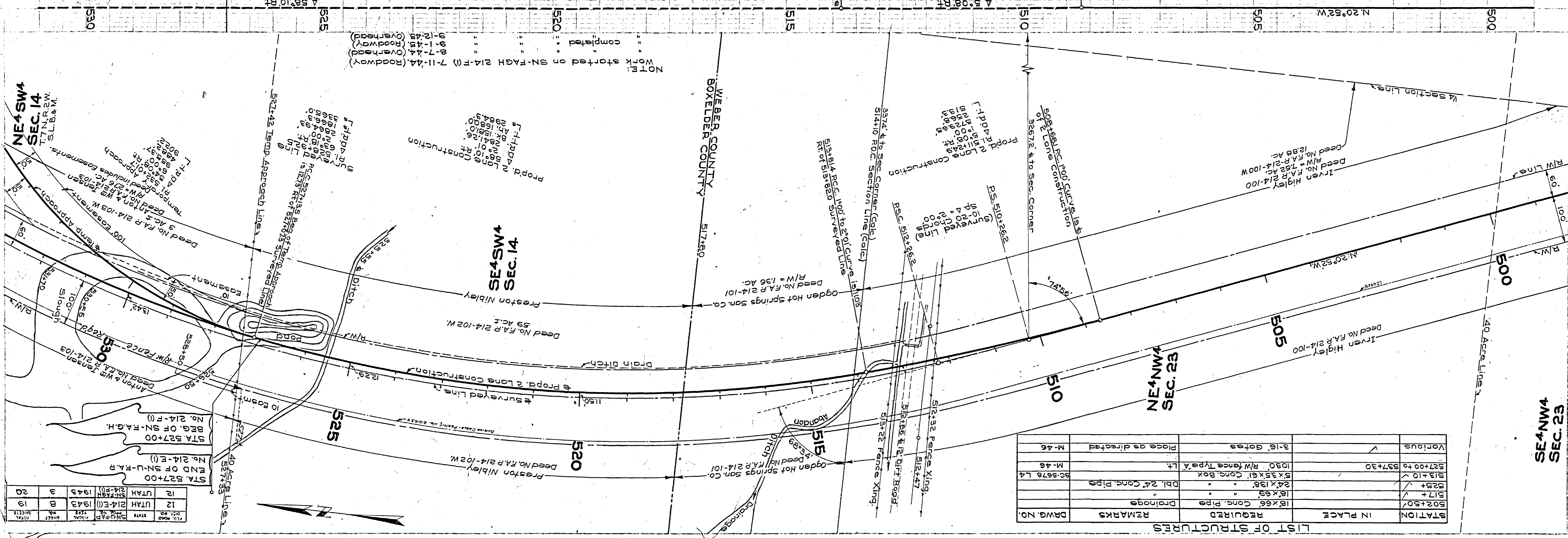


Remarks
+40
Embankment
+713
3677
713



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
E02+50	✓	18x66 Conc. Pipe	Drainage	
B17+ ✓	✓	24x138 "	"	
B25+ ✓	✓	5x35x61' Conc. Box	"	
B13+10	✓	1030 R/W Fence Type A	Lt.	M-46
B27+00 to B37+30	✓	3-16 Gates	Place as directed	M-46
Various	✓			



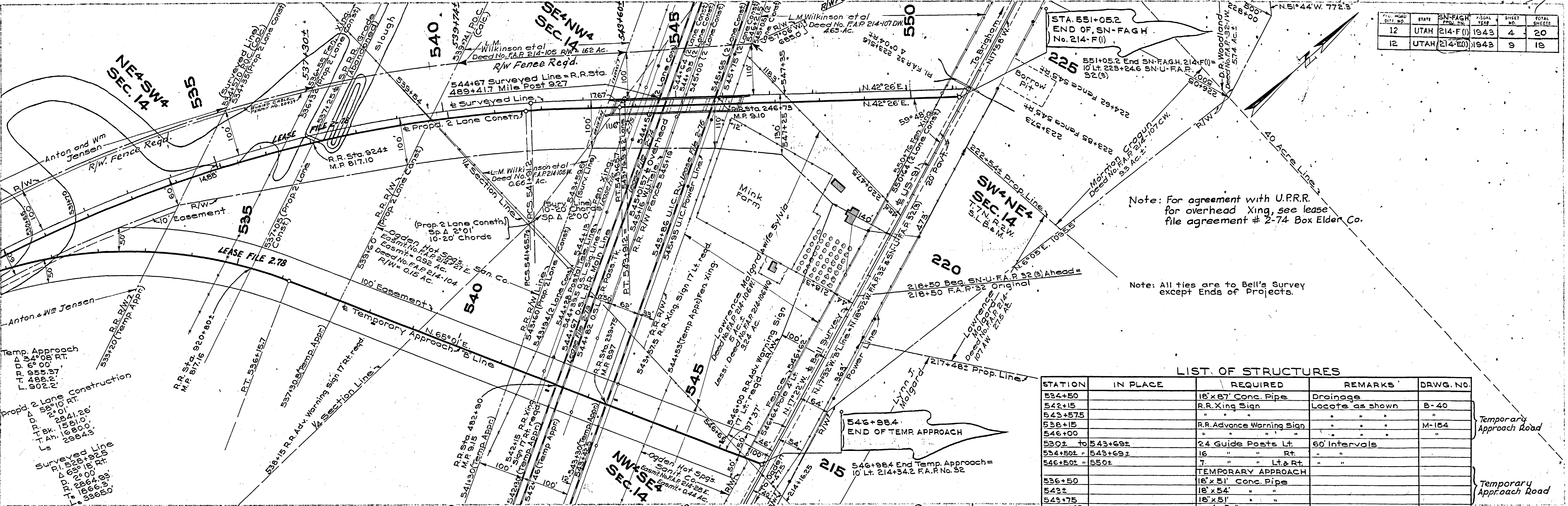
DATE	STATE	BY	SHEET	TOTAL SHEETS
12	UTAH	214-E(1)	1943	19
12	UTAH	214-F(1)	1943	20

C.M. Fomesbeck 1943
 F.B. Petersen 1943

5176 Traced

C.M. Fomesbeck 1942
 H.S.W. 1943
 F.B. Petersen
 H.S.W.

5176



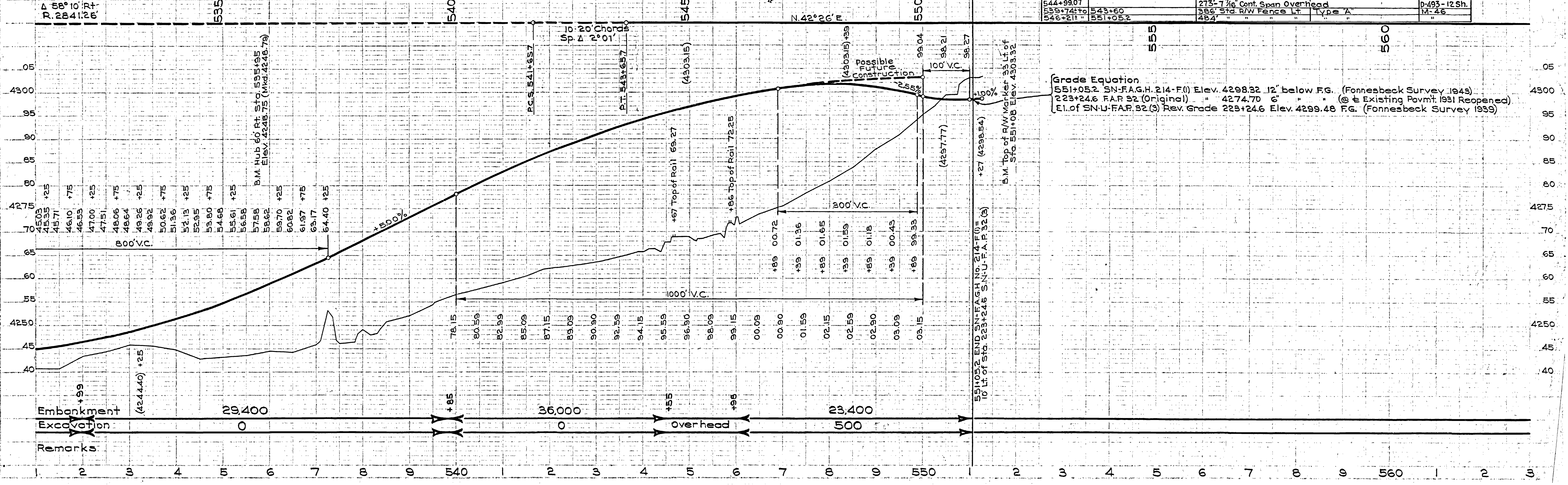
STATE	SN-FAGH	YEAR	SHEET NO.	TOTAL SHEETS
UTAH	214-F(1)	1943	4	20
UTAH	214-E(1)	1943	9	18

Note: For agreement with U.P.R.R. for overhead Xing, see lease file agreement # 2-74 Box Elder Co.

Note: All ties are to Bell's Survey except Ends of Projects.

LIST OF STRUCTURES

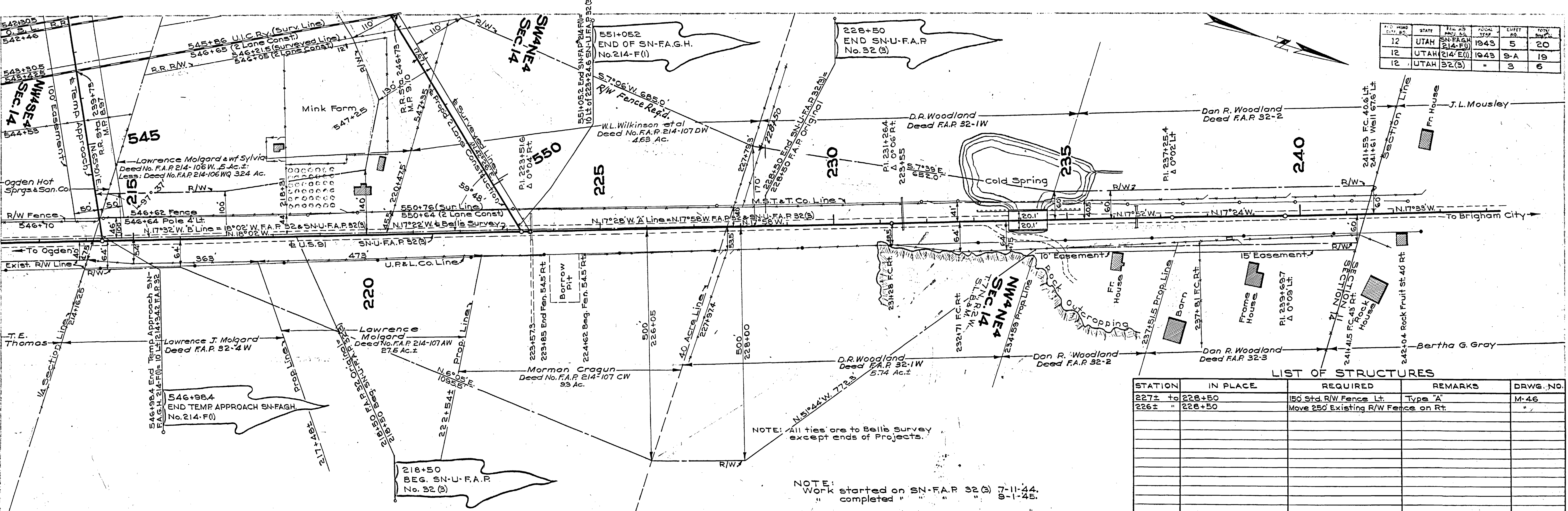
STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
534+50		18" x 87" Conc. Pipe	Drainage	
542+15		R.R. Xing Sign	Locate as shown	B-40
543+57.5		" " " "	" " " "	" " " "
538+15		R.R. Advance Warning Sign	" " " "	M-154
546+00		" " " "	" " " "	" " " "
539± to 543+69±		24 Guide Posts Lt.	60' Intervals	
534+50± to 543+69±		16 " " Rt.	" " " "	
546+50± to 550±		7 " " Lt & Rt.	" " " "	
		TEMPORARY APPROACH		
536+50		18" x 51" Conc. Pipe		
543±		18" x 54" " "		
543+75		18" x 51" " "		
544+99.07		273'-7 1/2" Cont. Span Overhead		D-493-12 Sh.
539+74± to 543+60		366' Std. R/W Fence Lt.	Type A	M-46
546+21± to 551+05.2		484' " " " "	" " " "	" " " "



Grade Equation
 551+05.2 SN-FAGH No. 214-F(1) Elev. 4298.32 12' below F.G. (Fomesbeck Survey 1943)
 223+24.6 F.A.P. 32 (Original) " 4274.70 " " (@ Existing Povit. 1931 Reopened)
 E.I. of SN-U-F.A.P. 32 (3) Rev. Grade 223+24.6 Elev. 4299.48 F.G. (Fomesbeck Survey 1933)

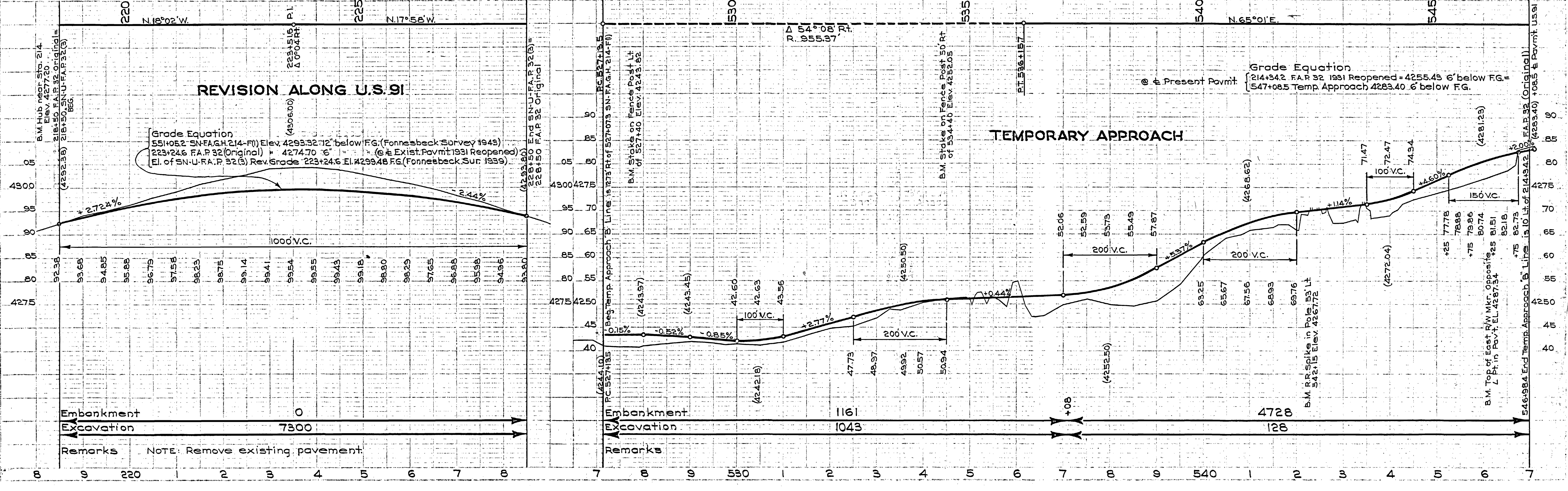
Embankment 29,400
 Excavation 0
 Overhead 500
 Remarks

PL. NO.	STATE	PL. NO.	PL. NO.	PL. NO.	PL. NO.
12	UTAH	214(F)	1943	5	20
12	UTAH	214(E)	1943	9-A	19
12	UTAH	32(3)	"	3	6



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
227± to 228+50		150 Std. R/W Fence Lt.	Type 'A'	M-46
226±		Move 250' Existing R/W Fence on Rt.		"

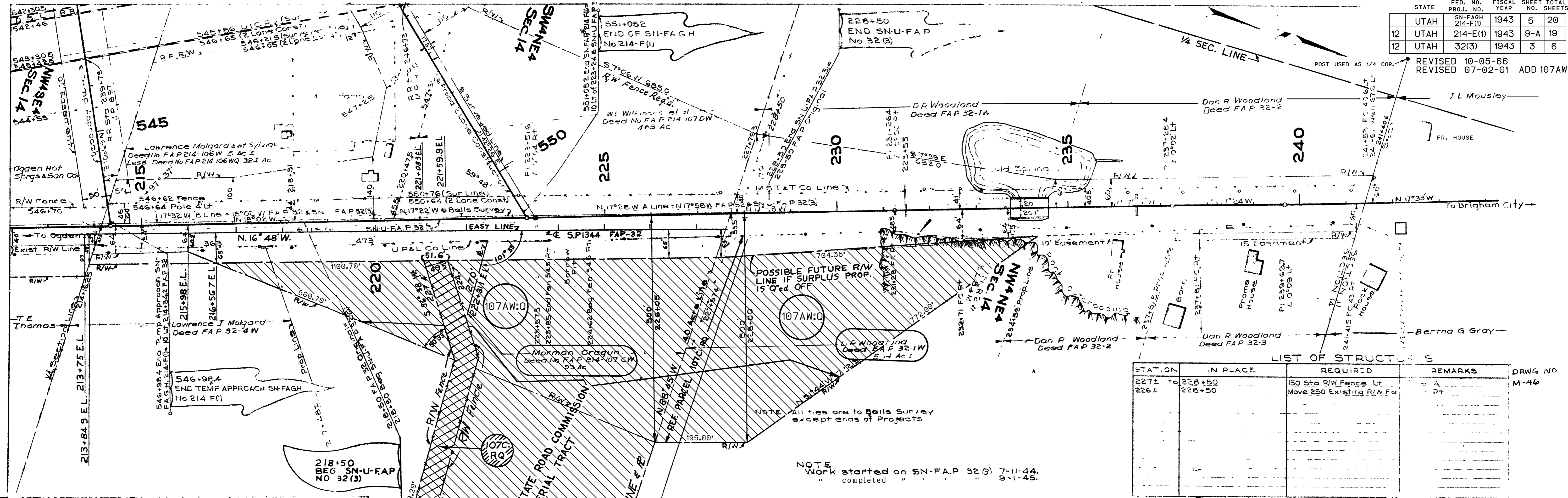


C.M. Fonesbeck 1942
 H.S.W. 1943
 V.P. Bridge
 F.B. Peteresen
 Traced

1940
 H.S.W.
 F.B.P.
 H.S.W.
 517

1940
 H.S.W.
 F.B.P.
 H.S.W.
 517

REVISED 10-05-66
REVISED 07-02-01 ADD 107AW:0

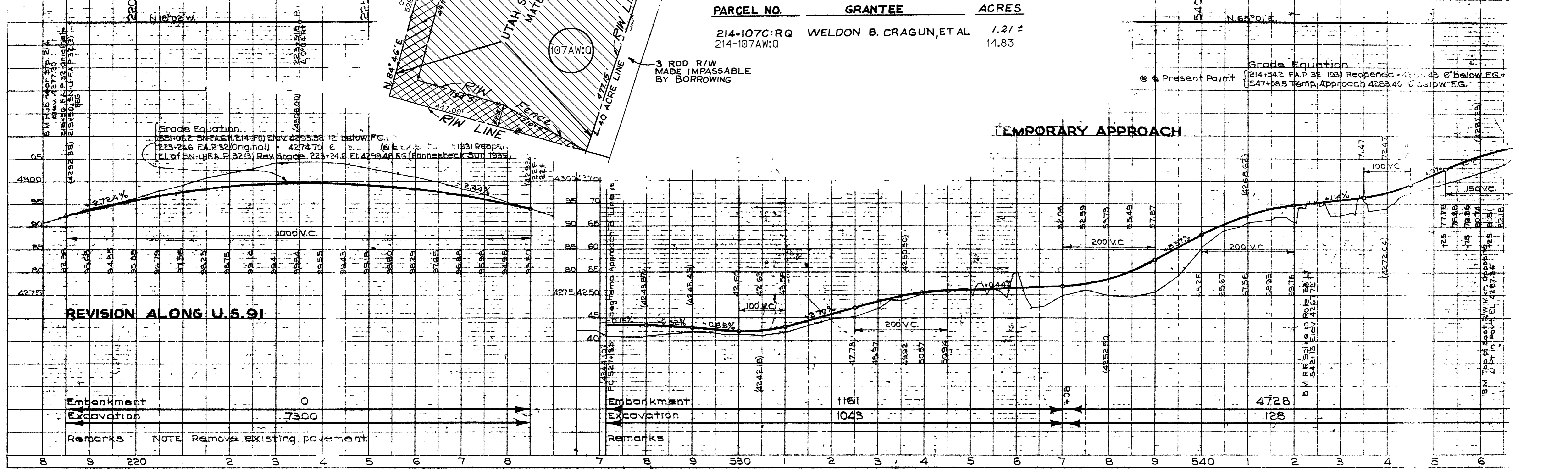


LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS
227+ to 228+50		150 Sta R/W Fence Lt	
226+ to 228+50		Move 250 Existing R/W Fence	

PARCEL NO.	GRANTEE	ACRES
214-107C:RQ	WELDON B. CRAGUN, ET AL	1.21 ±
214-107AW:0		14.83

Grade Equation
 @ Present Point (214+34.2 FAP 32-193) Reopened = 4255.45 6' below EG = 547+08.5 Temp. Approach 4283.40 6' below EG.

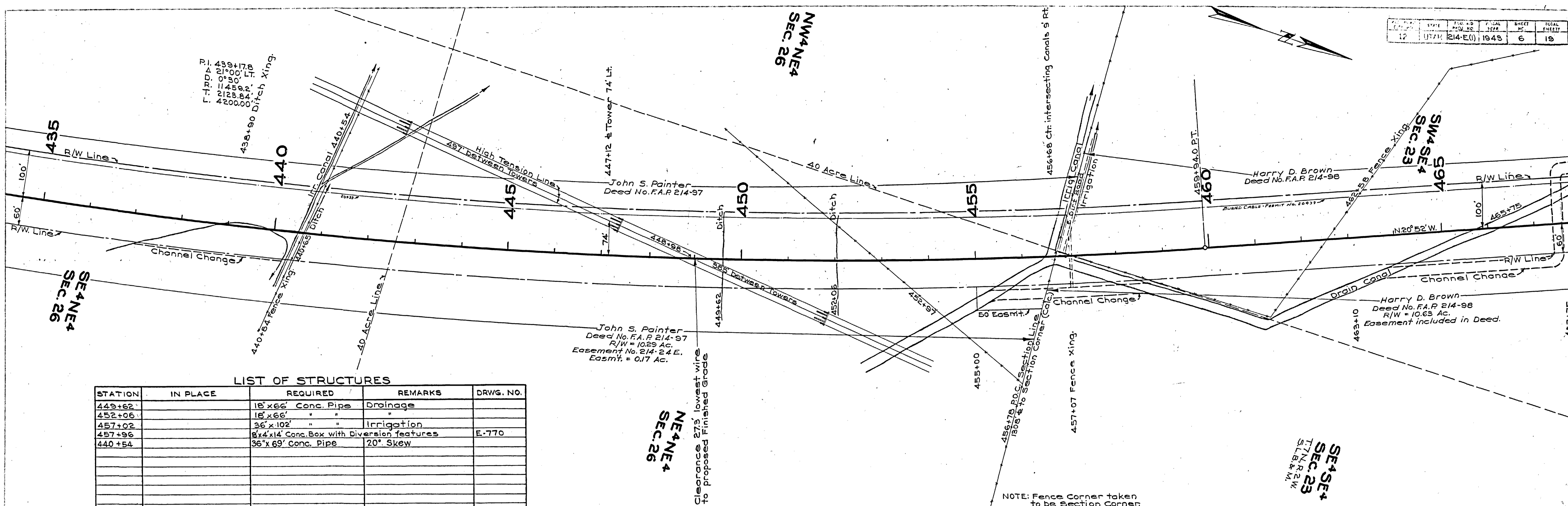


Embankment 0
 Excavation 7300
 Remarks NOTE Remove existing pavement.

Embankment 1161
 Excavation 1043
 Remarks

4728
 128
 B.M. P.P. 5421.5 Elev 4287.72
 B.M. Top of East R/W Mkt. Opposite 4287.34
 B.M. 4287.18

C.M. Farnesbeck 1943
 H.S. Wright
 V.P. Bridge
 H.B. Petersen
 5176 Traced

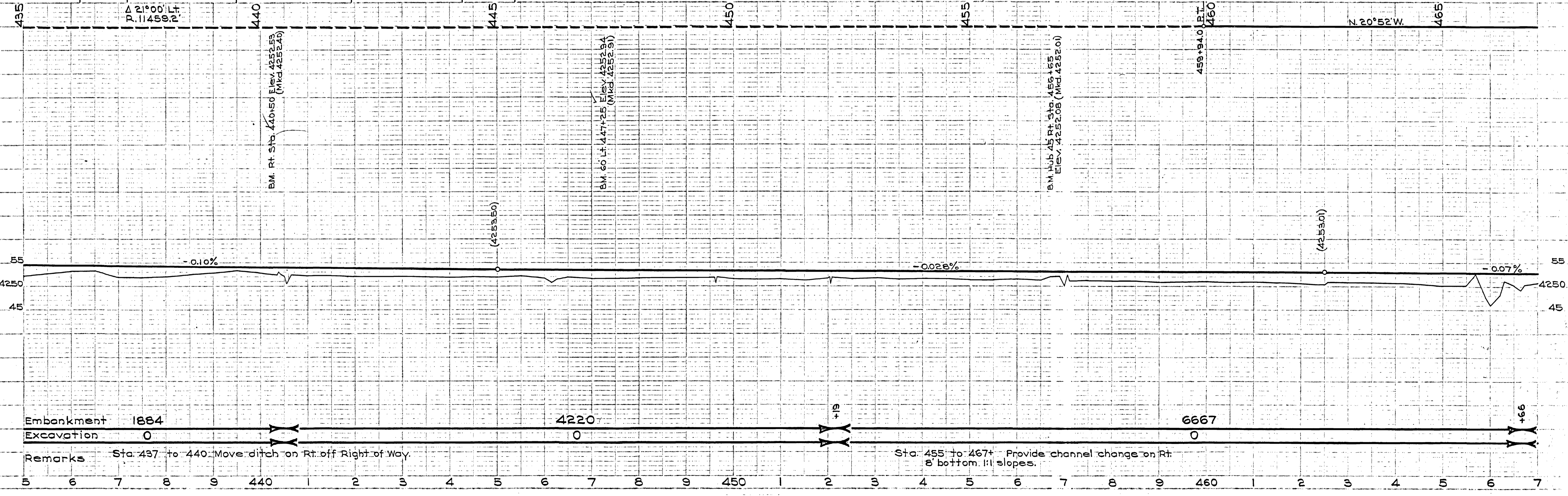


LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.
449+62		18" x 66' Conc. Pipe	Drainage	
452+06		18" x 66' "	"	
457+02		36" x 102' "	Irrigation	
457+96		24" x 14' Conc. Box with Diversion Features		E-770
440+54		36" x 69' Conc. Pipe	20° Skew	

NE 4 NE 4
 SEC. 26

SE 4 SE 4
 SEC. 23



C.M. Farnesbeck 1942
 H.S. Wright 1943
 H.B. Petersen 1943
 5176 Traced

Embankment 1884

Excavation 0

Remarks Sta. 437 to 440 Move ditch on Rt. off Right of Way.

Sta. 455 to 467+ Provide channel change on Rt. 8' bottom, 1:1 slopes.