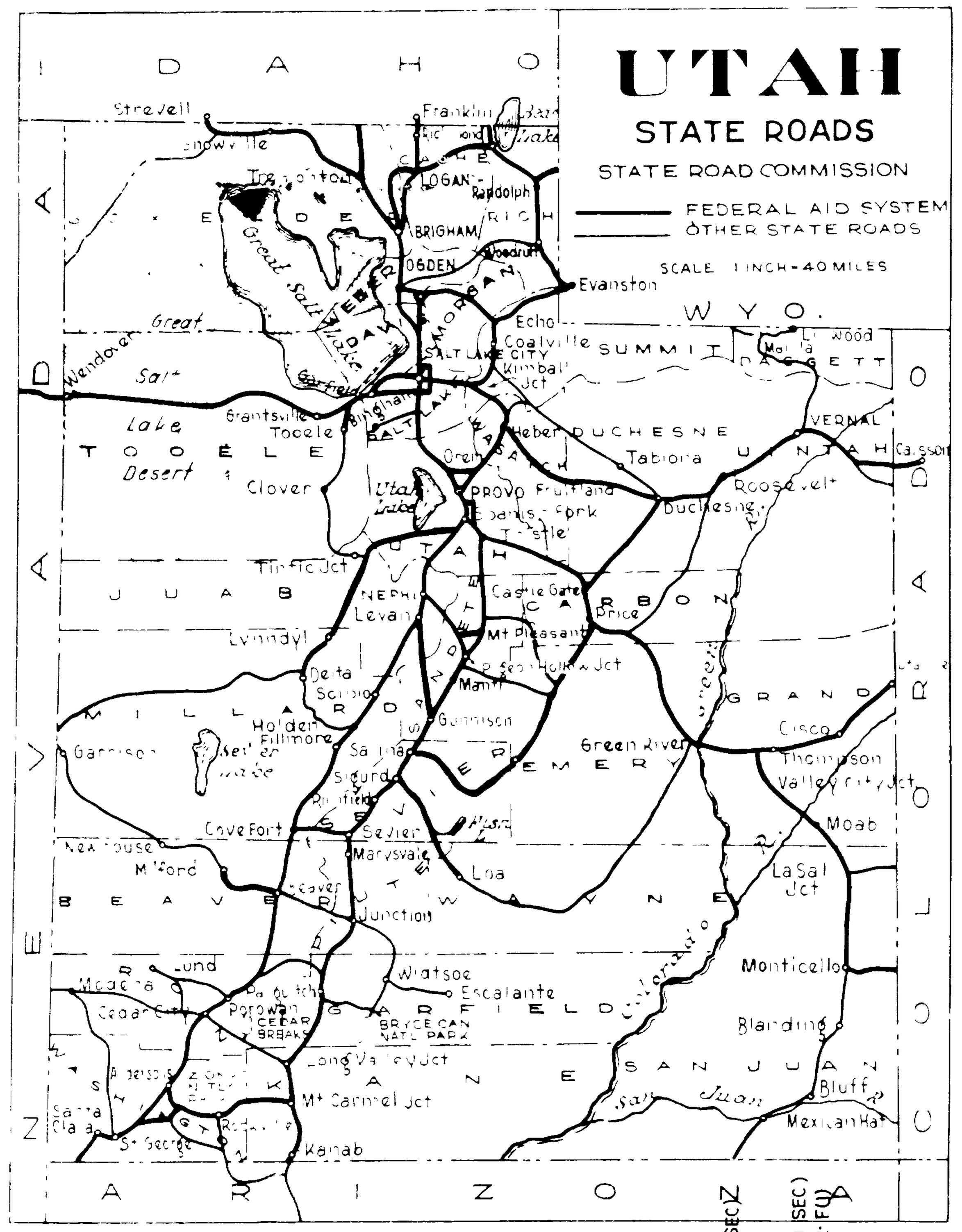


STATE OF UTAH
STATE ROAD COMMISSION

PLANS OF PROPOSED STATE ROAD

FEDERAL AID PROJECT

NORTH FARMINGTON - UINTAH JCT.

F. A. P. No. 212·A(1) LENGTH 4.770 MILES
F. A. P. No. 62·D(2) LENGTH 0.716 MILES
F. A. P. No. 62·C(2) LENGTH 0.101 MILES

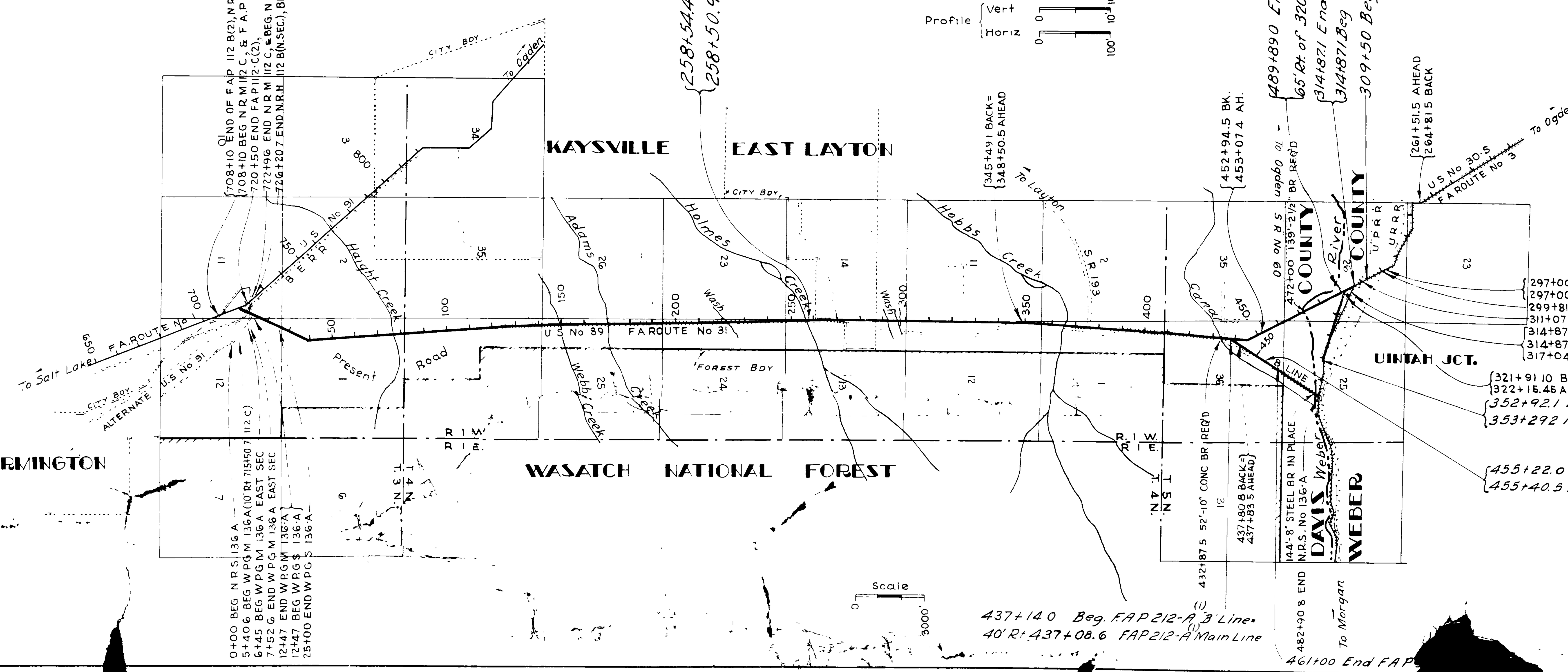
6·A	...
6 B	Su...
1-8	X Se...

INDEX TO S...

SHEET	DE...
1	Title Sheet
2	Typical Section
3	Plan & Profile
4-A	Rt/Way Markers
5	Std Gd Rail Type "P"
2	X Sections

INDEX TO SHEETS F. A. P. No. 21...

SHEET No	DESCRIPTION	DRAWING No	
1	Title Sheet		
2	Typical Section		
3·11	Plan & Profile		
12	3'x2'x42' Concrete Box	E-684	[illegible]
13	30"x108' C.G.M. Pipe Syphon	V-213	328+..
14	18"x102' " "	E-671 L6	362+15
15	5'x25'x3' Concrete Tank	V-192	358+35
16-21	52'-10" Concrete Deck Bridge	C-184	432+87.5
22	6'x3'x54' Concrete Box	SC600-3L36	450+10
	18"x120' C.G.M Pipe Syphon	E-671 L9	457+50
	6'x3'x61'-3" Concrete Box	SC600-3L37	460+50
23-29	139'-2½" I Beam Bridge	C-191	472+00
	18"x147' C.G.M Pipe Syphon	E-671 L8	440+85
30	Std Guard Rail Type "P"	V-108-P	
31 A	Rt/Way Markers & F.A.P. Mks.	J-391-RS.	
31·B	Super & Widen Curves	J-343-RS	
31·C	Strutting for large C.G.M.P.	J.390	
1-47	X Sections		



APPROVED APRIL 1939

STATE ROAD COMMISSION OF UTAH
BY
Lyra C. Knoulton
CHIEF ENGINEER

RECOMMENDED FOR APPROVAL

[redacted]

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATI...
FEDERAL WORKS AGENCY

RECOMMENDED FOR APPROVAL

[redacted]

CHIEF, WESTERN REGION
PUBLIC ROADS ADMINISTRA...
FEDERAL WORKS AGENC...

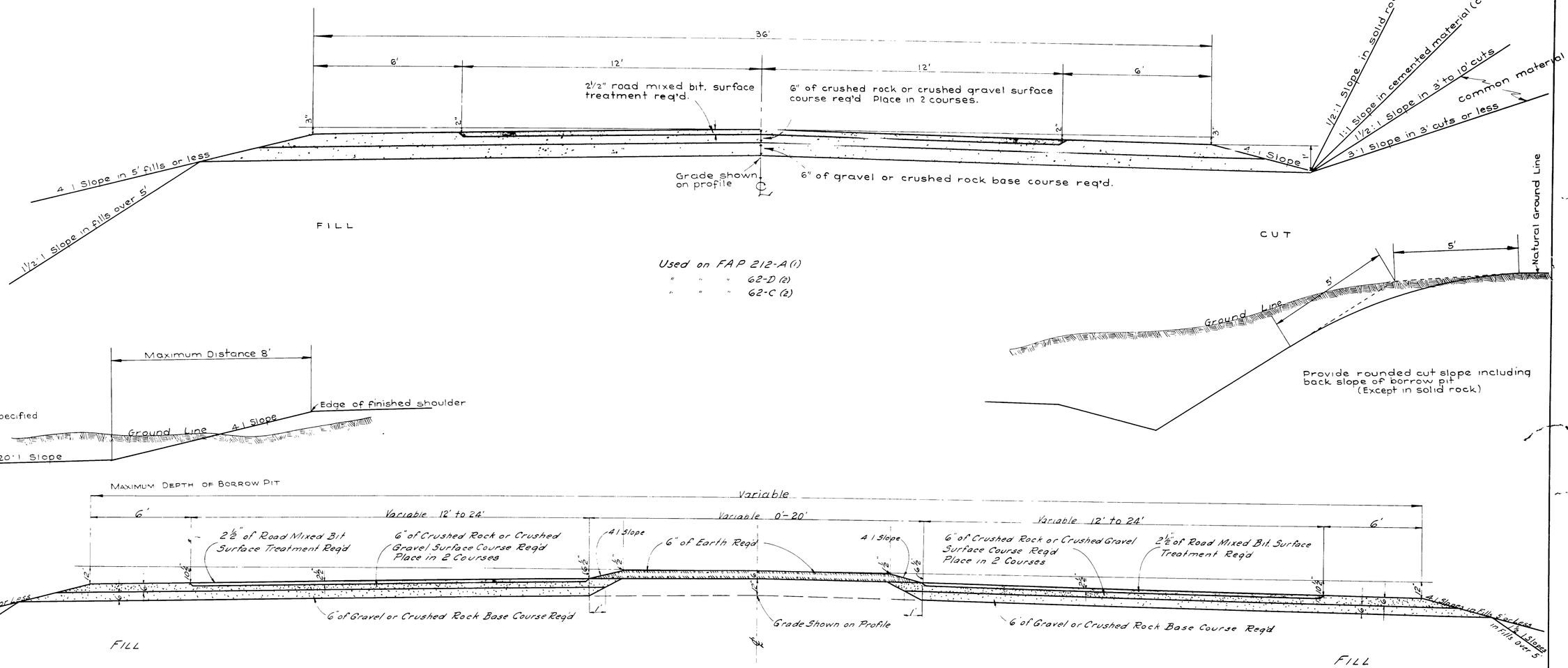
APPROVED

[redacted]

COMMISSIONER
PUBLIC ROADS ADMINIST...
FEDERAL WORKS AGEN...

TYPICAL CROSS SECTION

FED. ROAD DIST. NO.	STATE	F. A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	212-A(1)	1940	2	31
"	"	62-D(2)	"	"	7
"	"	62-C(2)	"	"	4



Used on FAP 212-A(1)
" " " 62-D(2)
" " " 62-C(2)

Typical Section of Roadway Showing Channelization of Highway at Intersection of FAP 212-A(1) & FAP 62-D(2) at Sta 488+50

Width of Traffic Island & Roadway Variable.

Widen and superelevate curves according to J-343 RS

REVISIONS

DATE	BY	DATE	BY

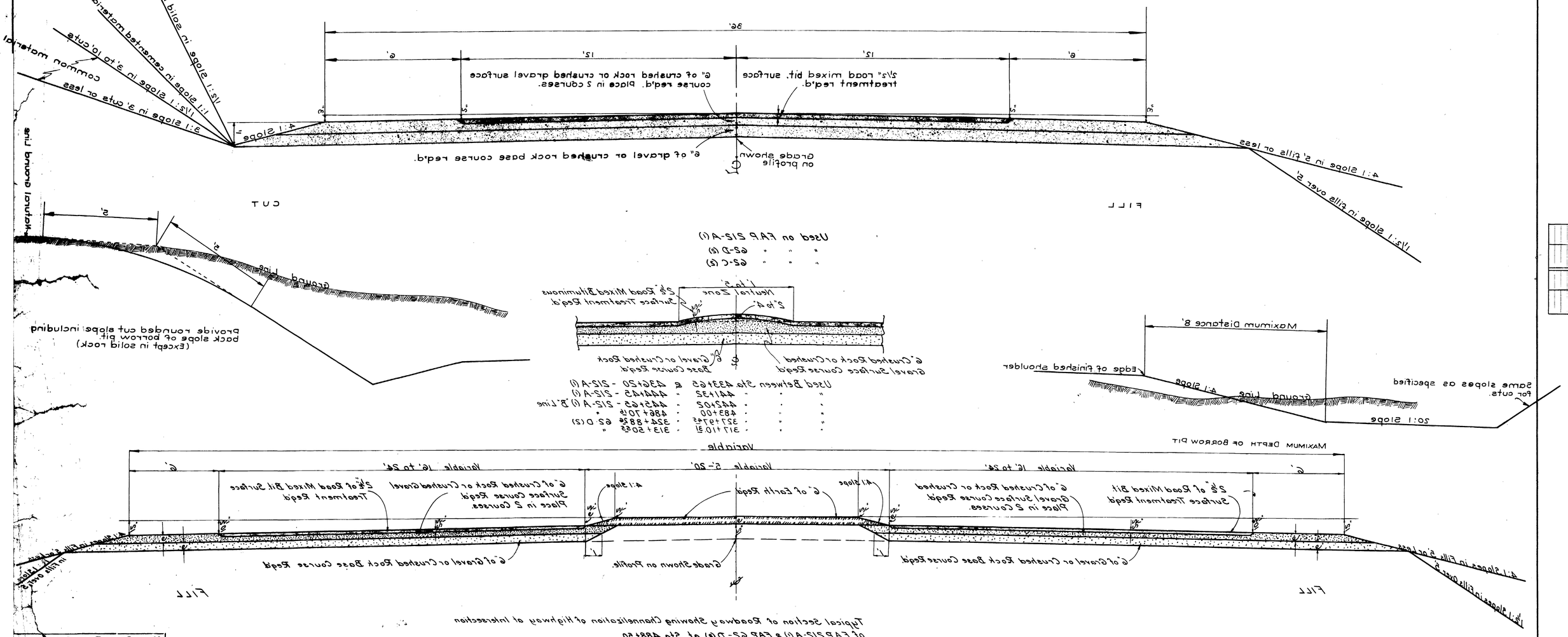
UTAH STATE ROAD COMMISSION
SALT LAKE CITY · UTAH
EZRA C. KNOWLTON CHIEF ENGINEER

— TYPE —

36' ROADWAY
2½" x 24' ROAD MIXED BIT.
SURFACE TREATMENT
HIGHWAY CHANNELIZATION
TYPICAL SECTION

FED. ROAD DIST. NO.	STATE	F. A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	S12-A(1)	1940	5	31
"	"	62-D(2)	"	"	7
"	"	62-C(2)	"	"	4

TYPICAL CROSS SECTION



62-D(2)
62-C(2) 1940

STA 309+50.0 BEG OF F.A. PROJECT Nº 62-C (2)

F.A.P. 62-C BACK

STA 314+87.1 BEG OF F.A. PROJECT Nº 62-D (2)

END OF F.A.P. Nº 62-C

314+87.1 END OF F.A. PROJECT 62-C (2)

321+91.10 PT BACK EQUATION 322+15.45 AHEAD

3.0+27.4
3.0°31.4
U.P.R.R.
311+07
311+55.4
311+62.4
To Ogden
R/W Line
3.1+92
3.3+36.4
3.13+80
Ditch King
R of W Line
CHANNEL CHANGE
House
Weber Co. T.P.
R/W Line
3.15+53.7 ℄ Cong.
3.18+78 Pole 14' ± Fence 19' Rt.
Tom C. Pope
Weber Co. T.P. Bessybee
3.17+70
3.17+87.1 Bk. END F.A.P. 62-C (Orig.)
3.17+04.0 Ah. BEG F.A.P. 62-D (Orig.)
SE4 NE4 SEC. 26
SW4 NE4 SEC. 26
NE4 SE4 SEC. 26
NW4 SE4 SEC. 26
NW4 SW4 SEC. 25
T. 5 N., R. 1 W. 26 25 SLB&M
Tosma Dansie All of Sec 25
1/4 Section Line
F.A.P. 62-D (Original)
Present Road
To Weber Canyon
RIGHT OF WAY
60'
P.S. 343+68.8
S 4°24' 10 x 1/4 Chds.
S 73°40' E.
Note: For Details of Channelization of Intersection See Sheet #4-A
CHANNEL CHANGE
Weber Co. T.D. Chas Horne
F.A.P. 212-A(1) 1.W.
4.26+51 W.
Line of Section
489+69 End F.A.P. 212-A(1) 66' Rt. of 3.20+24.7 F.A.P. 62-D(2)
See F.A.P. 212-A(1) Sheet #10
Pl 319+99.0
Pl 321+91.10 P.T.
Pl 328+20
Pl 3.21+70
Pl 3.19+50
R = 46°49' L.T. D = 500' T = 216.45' L = 408.55'
R = 46° D = 500'
P.C. 320+50
P.T. 322+15.45
S 73°40' E.
S 27°04' E = S 26°51' E.
3.21+91.1 Back
322+15.45 Ahead
3.09+50 BEG OF F.A.P. 62-C (2) ±
3.09+50 F.A.P. 62-C BACK
45474 F.A.P. 62-C
45469.5 F.A.P. 62-C (1/2) Below F.G. Back
(4540.80)
3.14+87.1 END F.A.P. 62-C (2)
3.14+87.1 BEG F.A.P. 62-D (2)
B.M. #10 Hub with Guard stake 50' Lt. 3.15+07.4 Elev. 4537.34
(4525.00)
(4525.00)
-1.97%
0.00%
+0.71%
200' V.C.
200' V.C.
300' V.C.
LOUAT 1 OTY

LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO
311+	4'x5'-4" Conc box		60° Skew - OK	
311+90	2.4'x40' Conc Pipe & 2 Hdwls		Salvage	
315+32		6'x4'x68' Conc Box		SC-600-7-L41
317±		18"x96' C.G.M. Pipe		
311	Conc Underpass		O.K.	
328+50		48"x80' C.G.M.P.		
314+50-319+50		6 Guide Posts Rt & Lt.	6'0" Spacing	
327+-330+		6 " " " " "	" " " "	
311±		192' Guard Rail Type "P"	Install 48' Sections Lt & Rt Each Side of Structure	V-108-P

Embankment	0	8152 / 2527
Excavation	8300	17172 / 106
		6182 / 1106

Remarks: Borrow available Left of Sta. 330± on present road.

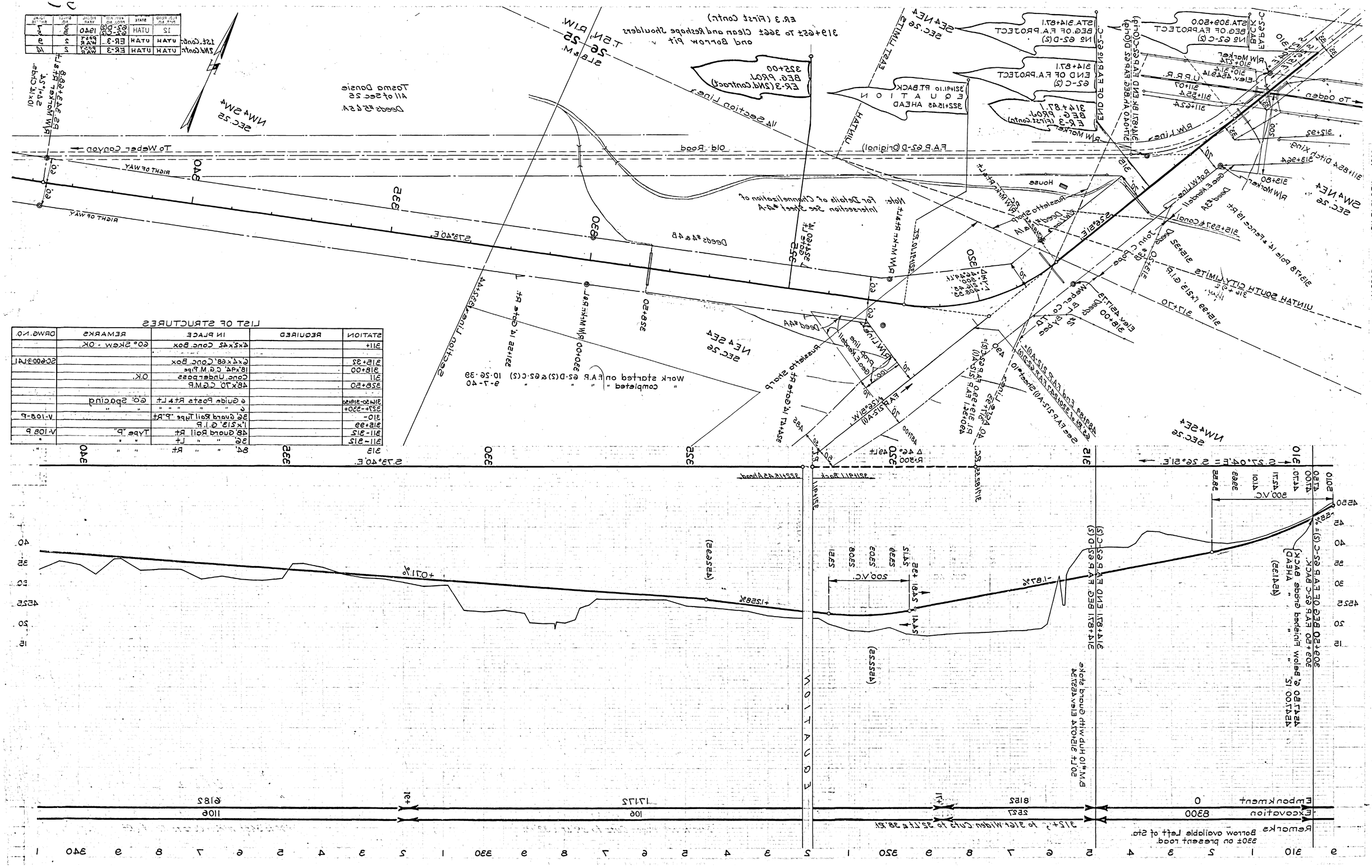
3.12+, to 3.18+ Widen Cuts to 32' Lt & 38' Rt

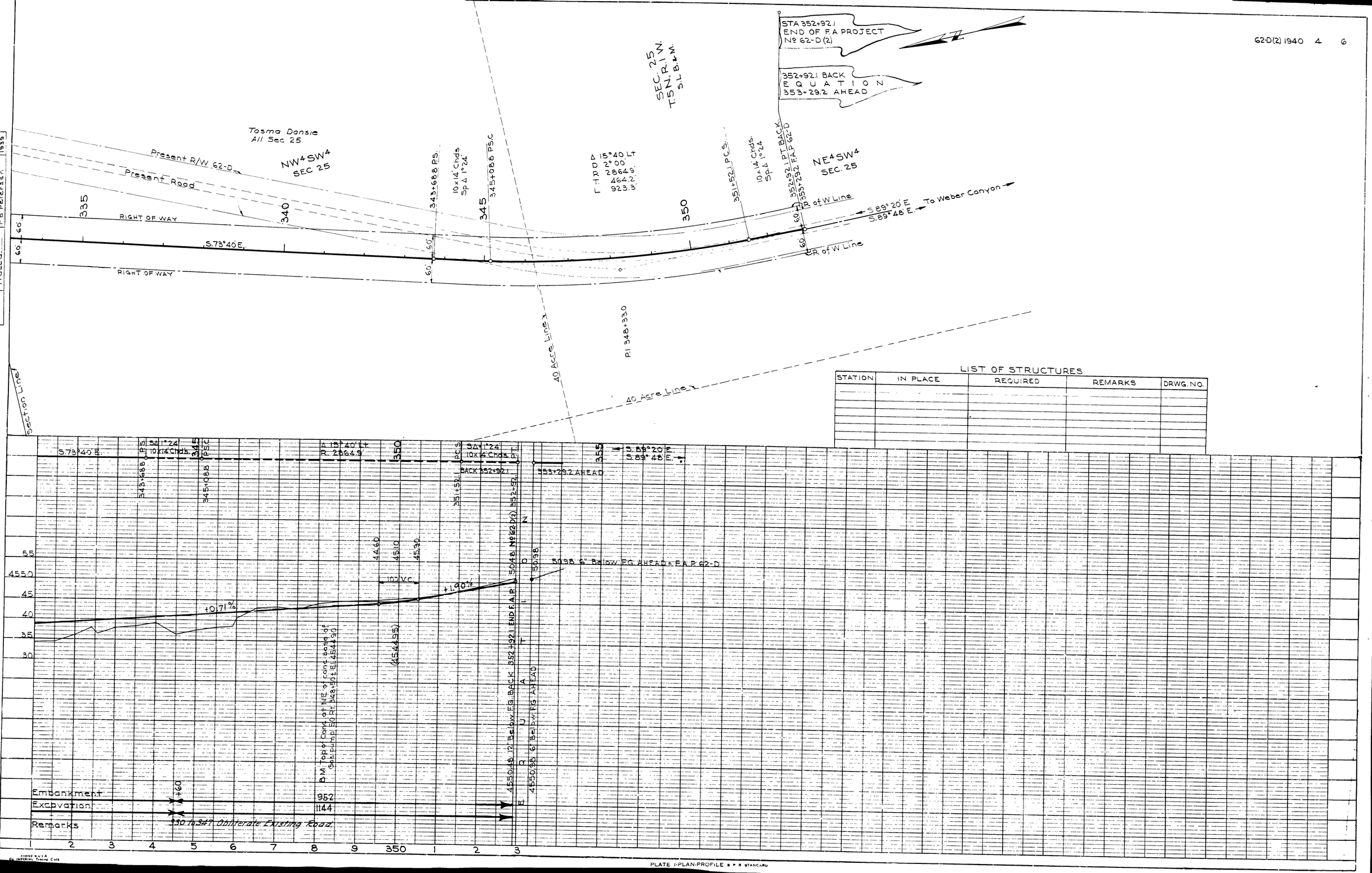
PLAN			BY	DATE
	SURVEYED		C. R. Kimball	1938
	PLOTTED		H. S. Wright	1939
	NOTE BOOK	ALIGNMENT LAYING OUT		
	RT. OF WAY			
	NO. 4/61	TRACED	F. B. Petersen	1939

PROFILE			BY	DATE
	SURVEYED		C. R. Kimball	1939
	PLOTTED		H. S. Wright	"
	NOTE BOOK	GRADES CHECKED		
	3.17		F. B. P.	"
	4220	S. M. - NOTED STRUCTURES NOT INCLUDED		

PLATE I-PLAN-PROFILE B P R STANDARD

Printed in U.S.A. On IMPERIAL Tracing Cloth


LIST OF STRUCTURES
STATION | REQUIRED | IN PLACE | REMARKS | DRWG. NO.
311+ | | 4'x5'x42' Conc. Box | 60° Skew - OK.
316+32 | | 6'x4'x68' Conc. Box | | SC-600-3-L1
318+00 | | 18"x94' C.G.M.P. Type | |
311 | | Conc. Underpass | O.K.
326+50 | | 48'x70' C.G.M.P. | |
311+50-314+50 | | 6 Guide Posts Rt. & Lt. | 60' Spacing
327+-330+ | | " " " " | " " "
310- | | 36" Guard Rail Type "P" Rt. | | V-108-P
316+99 | | 1'x219' C.I.P. | |
311-312 | | 48" Guard Rail Rt. | Type "P" | V-108 P
311-312 | | 36" " " Lt. | " " | "
313 | | 84" " " Rt. | " " | "
Tosmo Dansie
All of Sec. 25
Deeds #5 & 5A
Deeds #4 & 4B
Deed #4A
Deed #1A
Deed #3A
Deed #2A
Deed #3B
Deed #2B
Deed #1B
Note: For Details of Channelization of Intersection See Sheet #4-A
Work started on F.A.P. 65-D(2) & 65-C(2) 10-26-39
" completed " " " 9-7-40
31+ 25 ft. Lt. of Sta. 4+25
Russelett's Shop
Geo. E. Kendall
Geo. E. Kendall Prop. line
Old Road
To Weber County
Right of Way
S.73°40' E.
S.27°04' E. = S.26°51' E.
Embankment
Excavation
Remarks
Borrow available left of Sta. 330+ on present road.
Widen Curb to 32' Lt. & 38' Rt.
Widen Bridge to 41' Clear Roadway
Sta. 309+50.0 BEG. OF F.A. PROJECT No. 65-C (2)
Sta. 314+87.1 END OF F.A. PROJECT No. 65-D (2)
Sta. 314+87.1 BEG. OF F.A. PROJECT No. 65-D (2)
Sta. 322+45 AHEAD
Sta. 325+00 BEG. PROJ. (2nd. contract) EP-3 (2nd. contract)
Sta. 314+87.1 END OF F.A. PROJECT No. 65-C (2)
Sta. 314+87.1 END OF F.A. PROJECT No. 65-D (2)
Sta. 314+87.1 BEG. OF F.A. PROJECT No. 65-C (2)
Sta. 314+87.1 END OF F.A. PROJECT No. 65-C (2)
Sta. 314+87.1 END OF F.A. PROJECT No. 65-D (2)
Sta. 314+87.1 BEG. OF F.A. PROJECT No. 65-D (2)
Sta. 322+45 AHEAD
Sta. 309+50.0 BEG. OF F.A. PROJECT No. 65-C (2)
Sta. 309+50.0 BEG. OF F.A. PROJECT No. 65-C (2)
Sta. 314+87.1 END OF F.A. PROJECT No. 65-D (2)
Sta. 314+87.1 BEG. OF F.A. PROJECT No. 65-D (2)
Sta. 322+45 AHEAD
Sta. 325+00 BEG. PROJ. (2nd. contract) EP-3 (2nd. contract)
Sta. 314+87.1 END OF F.A. PROJECT No. 65-C (2)
Sta. 314+87.1 END OF F.A. PROJECT No. 65-D (2)
Sta. 314+87.1 BEG. OF F.A. PROJECT No. 65-D (2)



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRWG. NO.

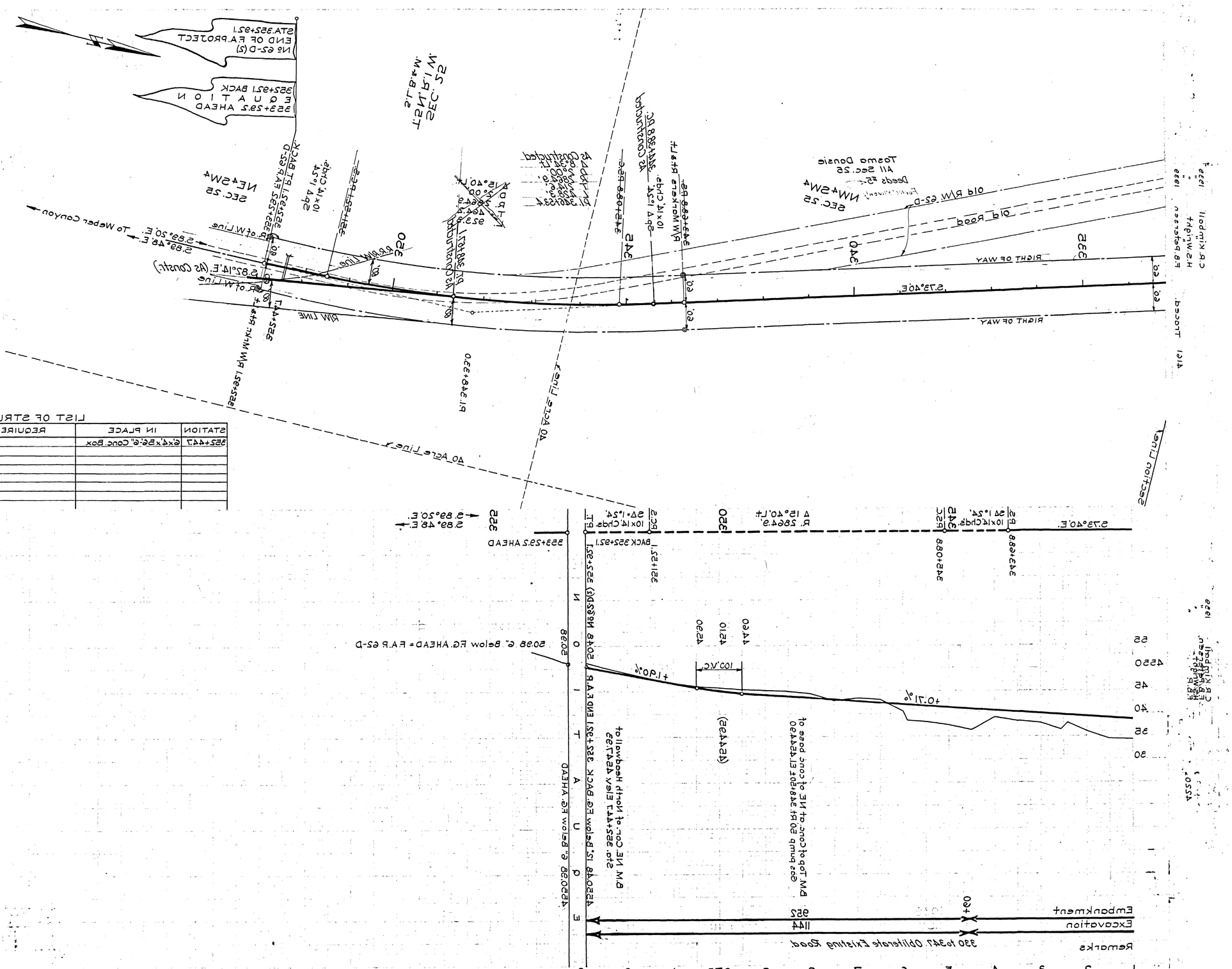
PLATE 1-PLAN-PROFILE B.P.R. STANDARD

PLAN
NOTE BOOK No. 4161
SURVEYED
PLOTTED C.R. Kimball 1939
ALIGNMENT CHECKED H.S. Wright "
PROFILE CHECKED F.B. Petersen "
APPROVED T. Ricketts 1939

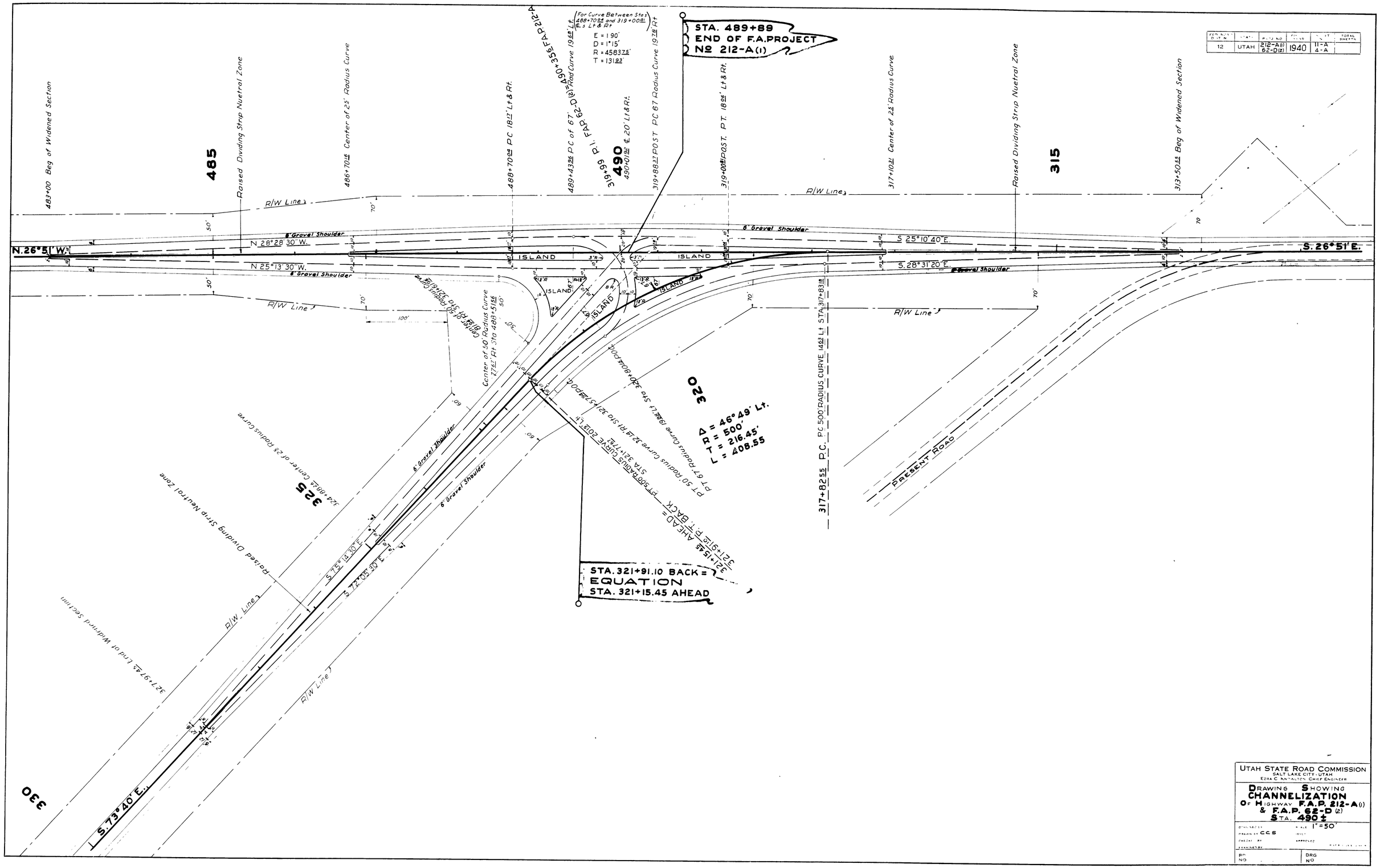
PROFILE
NOTE BOOK No. 4229
SURVEYED
PLOTTED C.R. Kimball 9-39
GRADES CHECKED F.B. Petersen "
BRIDGE DATA H.S. Wright "
STRUCTURE NOTATIONS CHECKED T. Ricketts "

Printed in U.S.A. On IMPERIAL Tracing Cloth

12	UTAH	E2-D(S)	1940	4	7	
1st.Contr.	UTAH	UTAH	ER.3	POST MAG	3	9
2nd.Contr.	UTAH	UTAH	ER.3	POST MAG	3	16


Profile
Section Line
Remarks
Excavation
Embankment
330 to 347 Obliterate Existing Road.
1144
952
+20
Back 352+92.1
Ahead 353+29.2
S.89°20'E.
S.89°48'E.
50.98 ℄ below FG. AHEAD = F.A.P. E2-D
+1.90%
100' V.C.
+0.71%
(4+44.5)
BM Top of conc. at NE cor. base of conc. pump 50 ft. at 347+30
BM NE Cor. of North headwall of 5th. 352+44.7 Elev. 4247.53
Back 352+92.1 Elev. 4247.93
Ahead 353+29.2 Elev. 4248.04
S.73°40'E.
R. 2866.9'
Δ 15°40' Lt.
10x14' Chgs.
352+88.8
352+43.8
352+24.8
352+00.8
Back 352+92.1
353+29.2 AHEAD
S.89°20'E.
S.89°48'E.
352+00.8
352+24.8
352+43.8
352+88.8
352+92.1
352+29.2
352+29.2 AHEAD
Back 352+92.1
352+29.2 AHEAD
Back 352+92.1
Equation
STA.352+92.1
END OF F.A.PROJECT
No E2-D(S)
STA.352+92.1
BACK
EQUATION
352+29.2 AHEAD
Sec. 25
Sec. 25
NE¼SW¼
Sec. 25
NW¼SW¼
Old Road
Old R/W E2-D
Right of Way
Right of Way
S.73°40'E.
To Weber Canyon
S.89°48'E.
S.89°20'E.
S.82°14'E. (As Const'd)
R/W Line
R/W Line
Sec. 25
Sec. 25
Sec. 25
Sec. 25
Sec. 25
Sec. 25
Toomo Donsie
All Sec. 25
Deeds 52-
Fee Acquisition
NW¼SW¼
Sec. 25
Old Road
Old R/W E2-D
Right of Way
Right of Way
S.73°40'E.
Sec. 25
Sec. 25
Sec. 25
Sec. 25
Sec. 25
Sec. 25

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	212-A(1) 62-D(2)	1940	11-A 4-A	



REVISIONS

DATE	BY	DATE	BY

UTAH STATE ROAD COMMISSION
SALT LAKE CITY - UTAH
EZRA C. NATALTEN, CHIEF ENGINEER

DRAWING SHOWING
CHANNELIZATION
OF HIGHWAY F.A.P. 212-A(1)
& F.A.P. 62-D(2)
STA. 490 ±

DESIGNED BY — SCALE 1" = 50'
DRAWN BY CCS — DATE
CHECKED BY — APPROVED
TRACED BY

BR NO — DRG NO