

INDEX OF SHEETS

SHEET NO. 1 TITLE SHEET
2-3-3A TABULATION OF PROPERTIES
4-15 PLAN AND PROFILE SHEETS
SHOWING RIGHT OF WAY

SIDE	ACCESS RIGHTS	FROM	TO
WEST SIDE	8	2245+44.8	794+60.8 (On S.H. 16)
WEST SIDE	8	794+60.8 (On S.H. 16)	2257+25.1
EAST SIDE	8	2245+44.8	780+63.2 (On S.H. 16)
EAST SIDE	8	780+63.2 (On S.H. 16)	2257+25.1

COLORADO STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED S N FEDERAL AID PROJECT NO. F.A.P. 44-A (I) STATE HIGHWAY NO. 185

LARIMER & WELD COUNTIES

RIGHT OF WAY { INFORMATION OBTAINED FROM AVAILABLE COUNTY RECORDS }

SCALES OF ORIGINAL TRACINGS

ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT 28,750.2 FT. = 5.445 MI.
NET LENGTH OF PROJECT 1,712.0 FT. = 0.324 MI.

FED. ROAD DIST. NO.	STATE	SN FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	44-A (I)	1	

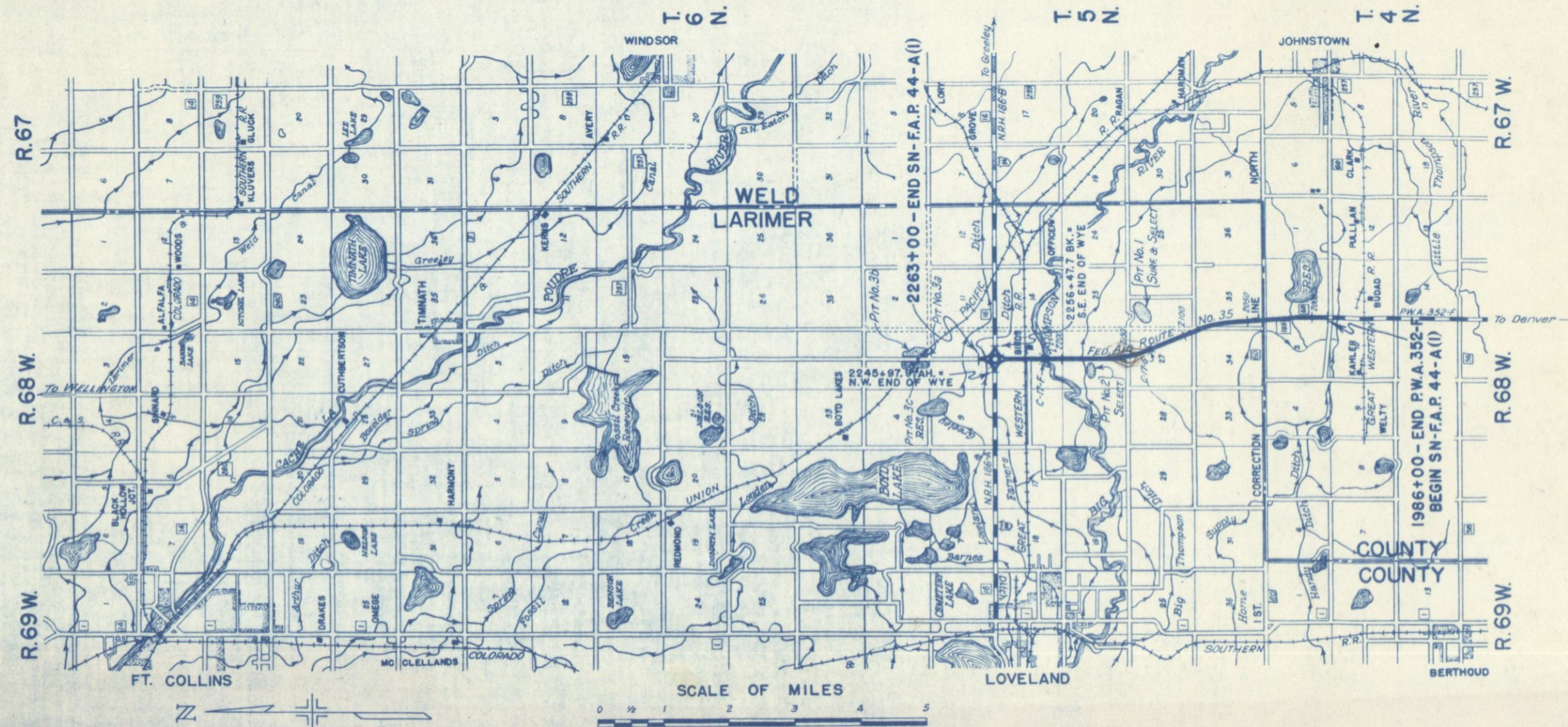
RIGHT OF WAY Rev. Access Rights 3-28-49 T.L.K.
Rev. 1-15-54 T.L.K. (to add
Sheet 3A to Index of Sheets.)
Rev. 9-21-59 (NOTE) JLS

CONVENTIONAL SIGNS

CENTER LINE
RIGHT OF WAY LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER SECTION LINE
BARBED WIRE FENCE
COMBINATION WIRE FENCE
TELEPHONE LINE

NOTE:

Refer to Sheet A-3 on Proj. SN-FAL 44 (3)
for plan of Access Control as listed.

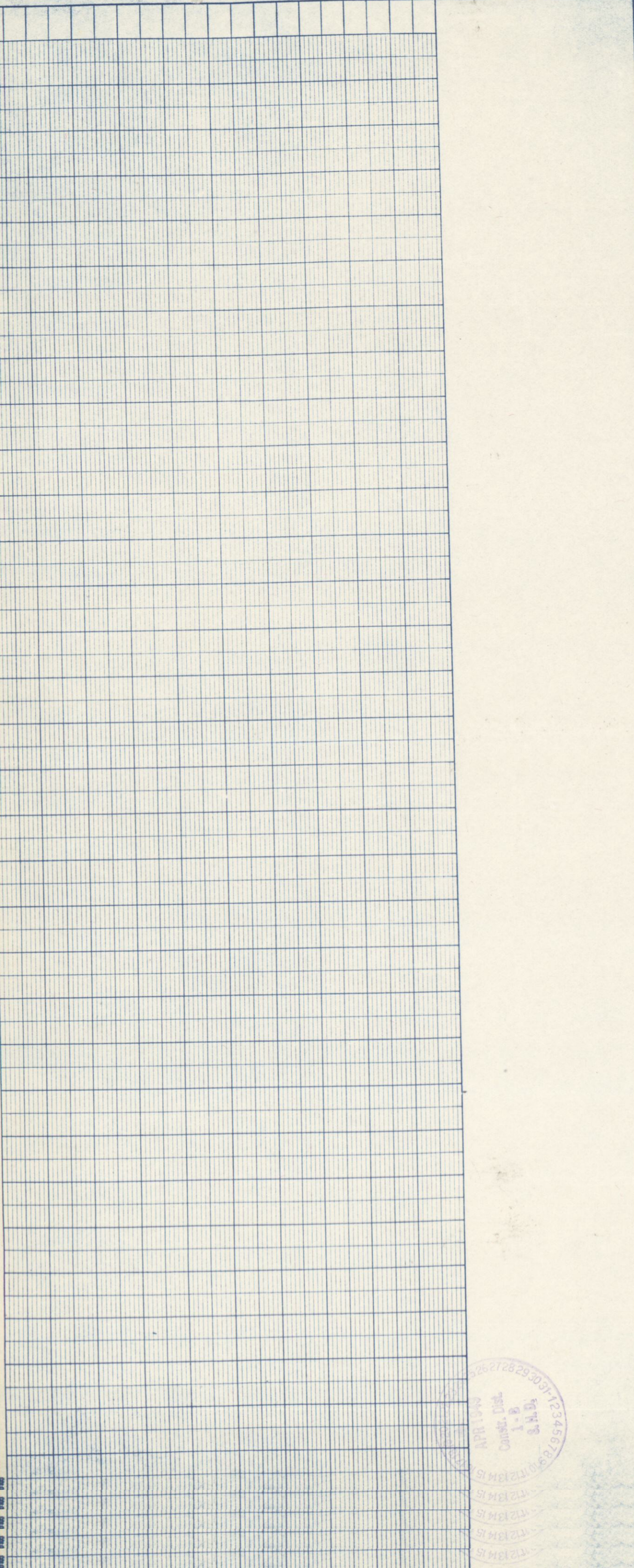


PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES	
	B. M.S.	
	STRUC.	
	DATE CHKD.	

R.O.W. DATA ~ FEDERAL AID PROJECT NO. F.A.P. 44A(1) ~ WELD COUNTY COLORADO ~ STATE HIGHWAY NO. 185									
PARCEL NO.	OWNER & ADDRESS			LOCATION - WEST ~ 6TH P.M.		AREA IN ACRES			
						TOTAL	REQ'D	IMP'S	ASSESSED VALUE
1	EMERY E. BASHOR - 705 7TH ST. ~ Berthoud, Colorado			S. E. 1/4 ~ Sec. 3 ~ T. 4 N. - R. 68 W.		1460	2,288	\$ 710	\$ 81 70
2	D.T. & LILLIAN B. PULLIAM ~ 1006 Lincoln Ave. ~ Loveland, Colo.			S.W. 1/4 ~ Sec. 2 ~ T. 4 N. - R. 68 W.		1540	1,333	580	7870
3	D.T. & LILLIAN B. PULLIAM ~ 1006 Lincoln Ave. ~ Loveland, Colo.			N.E. 1/4 ~ Sec. 3 ~ T. 4 N. - R. 68 W.		1350	1,670	910	9730
4	G.A. HAMILTON ~ R.F.D. Rt. 1 ~ Loveland, Colorado ~ Mathews S.			W. 1/2 ~ N. W. 1/4 ~ Sec. 2 ~ T. 4 N. - R. 68 W.		590	1,058	710	4460
									120.00
									80.00

PARCEL NO.	CONSTR. IMPR.		OWNERS DESIRE	ESTIMATED DAMAGE	COURT		REMARKS
	REMOVE	REHABIL			DEPOSIT	REQ'D	
1							
2							
3							
4							



R.O.W. DATA - FEDERAL AID PROJECT NO. F.A.P. 44 A(1) - LARIMER COUNTY, COLORADO - STATE HIGHWAY NO.185

ROAD NO.	STATION	ROAD NO.	STATION	TOTAL
44 A(1)	5			

REV. 3-28-49 T.L.K.

PARCEL NO.	OWNER & ADDRESS	LOCATION - WEST - 6TH P.M.	AREA IN ACRES		ASSESSED VALUE			REMARKS
			TOTAL	REQ'D	IMP'S	LAND	PARCEL	
5	GRACE E. LANGE & LOUIS BRUFFETT - 1st Nat'l Bank, Loveland, Colo.	S. 1/2 - S.W. 1/4 - Sec. 35 - T. 5 N. - R. 68 W.	79.0	2.973	\$ 900	\$ 5180	\$ 195.00	
6	Mrs. MATTIE HANKINS RATHBUN - 759 E. 7TH St. - Loveland, Colo.	N. 1/2 - S.W. 1/4 - Sec. 35 - T. 5 N. - R. 68 W.	35.1	3.045	—	2300	200.00	
7	ALEX B. HAMILTON - R.F.D. Rt. 1 - Box 155 - Loveland, Colorado	N.W. 1/4 - Sec. 35 - T. 5 N. - R. 68 W.	156.0	4.053	400	6840	178.00	
8	JOHN D. WARBERG - R.F.D. Rt. 2 - Box 78 - Loveland, Colorado	N. 1/2 - N.E. 1/4 - Sec. 34 - T. 5 N. - R. 68 W.	77.0	1.979	230	3580	92.00	
9	ALEX B. HAMILTON - R.F.D. Rt. 1 - Box 155 - Loveland, Colorado	S.E. 1/4 - Sec. 27 - T. 5 N. - R. 68 W.	156.0	10.137	300	6640	431.00	
10	W.H. GARD - 919 West 4TH St. - Loveland, Colorado	N.E. 1/4 - Sec. 27 - T. 5 N. - R. 68 W.	150.0	8.778	3600	5900	345.00	
11	W.H. GARD - 919 West 4TH St. - Loveland, Colorado	S.W. 1/4 - Sec. 22 - T. 5 N. - R. 68 W.	160.0	5.639	1940	7080	250.00	
12	HENRY LEBSACK - 1331 East 7TH St. - Loveland, Colorado	S.W. 1/4 - S.E. 1/4 - Sec. 22 - T. 5 N. - R. 68 W.	38.0	1.704	320	1520	68.00	
13	D. R. PULLIAM - R.F.D. Rt. 1 - Box 261 - Loveland, Colorado	S. 1/2 & N.E. 1/4 - S.W. 1/4 - Sec. 22 - T. 5 N. - R. 68 W.	120.0	3.100	650	3590	93.00	
14	Mrs. MARY K. BATH - R.F.D. Rt. 1 - Box 40 - Loveland, Colorado	N.W. 1/4 - S.E. 1/4 - Sec. 22 - T. 5 N. - R. 68 W.	39.0	1.498	940	1610	62.00	
15	D. R. PULLIAM - R.F.D. Rt. 1 - Box 261 - Loveland, Colorado	S.E. 1/4 & S.E. Cor. N.E. 1/4 - S.W. 1/4 - Sec. 15 - T. 5 N. - R. 68 W.	43.0	1.644	—	480	18.00	
16	LEONARD ANDERSON - R.F.D. Rt. 1 - Berthoud, Colorado	N.E. 1/4 - Sec. 22 - T. 5 N. - R. 68 W.	156.4	2.273	1620	5090	74.00	
17	AUGUST BECK - Est. - 3295 Raleigh St. - Denver, Colorado	Mc. Pt. E 1/2 - N.E. 1/4 - S.W. 1/4 - Sec. 15 - T. 5 N. - R. 68 W.	109.0	1.676	970	2550	39.00	
18	T. R. NORCROSS - 948 Jefferson St. - Loveland, Colorado	S.E. 1/4 - Sec. 15 - T. 5 N. - R. 68 W.	144.0	1.992	290	3570	49.00	
19	GREAT WESTERN SUGAR CO. - 1530 - 16TH St. - Denver, Colo.	N.E. Cor. - S.W. 1/4 - 300' x 500' - Sec. 15 - T. 5 N. - R. 68 W.	3.44	0.825	950	60	14.00	
20	GREAT WESTERN R.R. CO. - 11TH & Monroe Ave. - Loveland, Colo.	N.W. Cor. - S.E. 1/4 - Sec. 15 - T. 5 N. - R. 68 W.		0.058				
21	GREAT WESTERN R.R. CO. - 11TH & Monroe Ave. - Loveland, Colo.	S.E. Cor. - N.W. 1/4 - Sec. 15 - T. 5 N. - R. 68 W.		0.103				
22	GREAT WESTERN R.R. CO. - 11TH & Monroe Ave. - Loveland, Colo.	S.W. Cor. - N.E. 1/4 - Sec. 15 - T. 5 N. - R. 68 W.		0.121				
23	FRED SCHMER - R.F.D. Rt. 1 - Box 165 - Fort Collins, Colorado	N.W. 1/4 - Sec. 15 - T. 5 N. - R. 68 W.	153.5	3.712	4860	14100	341.00	
24	GEORGE ARNDT - R.F.D. Rt. 1 - Loveland, Colorado	W. 1/2 - N.E. 1/4 - Sec. 15 - T. 5 N. - R. 68 W.	57.5	3.652	650	2630	167.00	
25	P.H. VAN DEWATER - Et. Al. - P.O. Box 31 - Westminster, Calif.	S.W. 1/4 - Sec. 10 - T. 5 N. - R. 68 W.	295.0	3.089	1300	12320	298.00	
26	P.H. VAN DEWATER - Et. Al. - P.O. Box 31 - Westminster, Calif.	S.E. 1/4 - Sec. 10 - T. 5 N. - R. 68 W.		4.035				
27	THE CONSOLIDATED HILLSBORO DITCH CO. Johnstown, Colo.	Part - S.E. 1/4 - N.W. 1/4 - Sec. 22 - T. 5 N. - R. 68 W.		0.080				
28	THE CONSOLIDATED HILLSBORO DITCH CO. Johnstown, Colo.	Part - S.W. 1/4 - N.E. 1/4 - Sec. 22 - T. 5 N. - R. 68 W.		0.046				
29	THE FARMERS IRR. DITCH & RESVR. CO. - Loveland, Colorado	Part - S.E. 1/4 - S.W. 1/4 - Sec. 10 - T. 5 N. - R. 68 W.		0.058				
30	THE FARMERS IRR. DITCH & RESVR. CO. - Loveland, Colorado	Part - S.W. 1/4 - S.E. 1/4 - Sec. 10 - T. 5 N. - R. 68 W.		0.038				
PARCEL NO.	CONSTR. IMPR. REMOVE REHABIL	OWNERS DESIRE	ESTIMATED DAMAGE	COURT DEPOSIT REQ'D	REMARKS			
5				19				
6				20				
7				21				
8				22				
9				23				
10				24				
11				25				
12				26				
13				27				
14				28				
15				29				
16				30				
17				31				
18								JEFFERS SCHOOL - DIST. No 29 - Tract N.W. 1/4 - S.E. 1/4 - SEC. 10 - O.193 Ac.

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	8. M.A. NOTED		
	STRUCTURE		
	IT NS CH KD		

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

RIGHT-OF-WAY MAP
State Highway No 185
FED AID PROJECT No. 44A(0)

S. E. 1/4 - SEC. 3
T. 4 N. - R. 68 W.

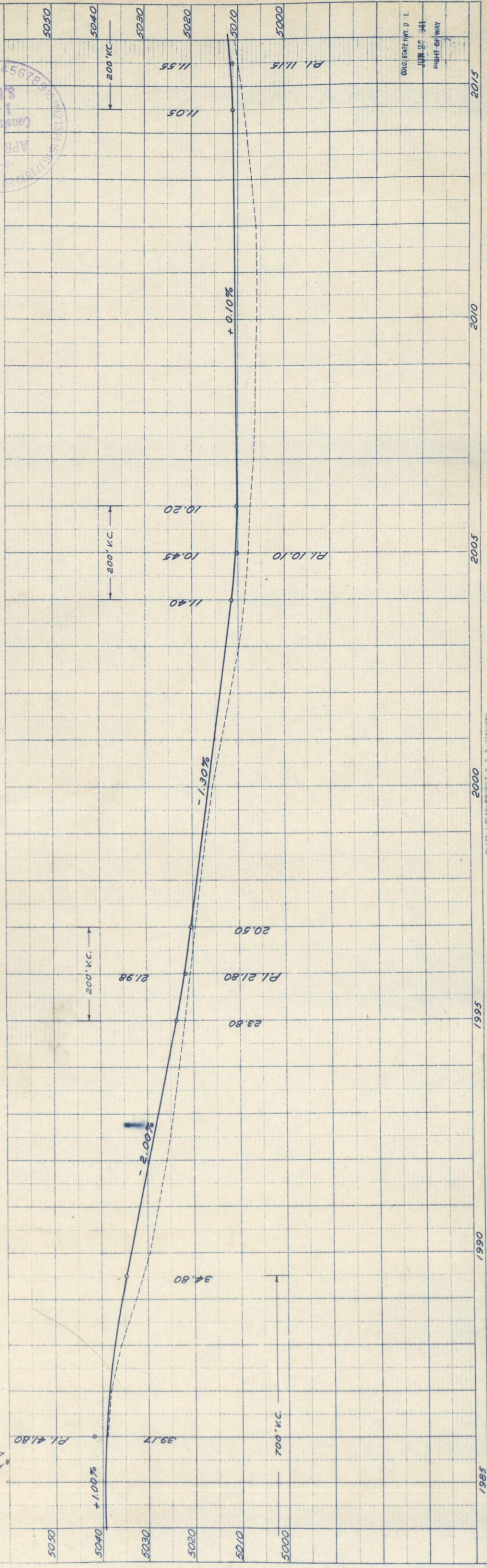
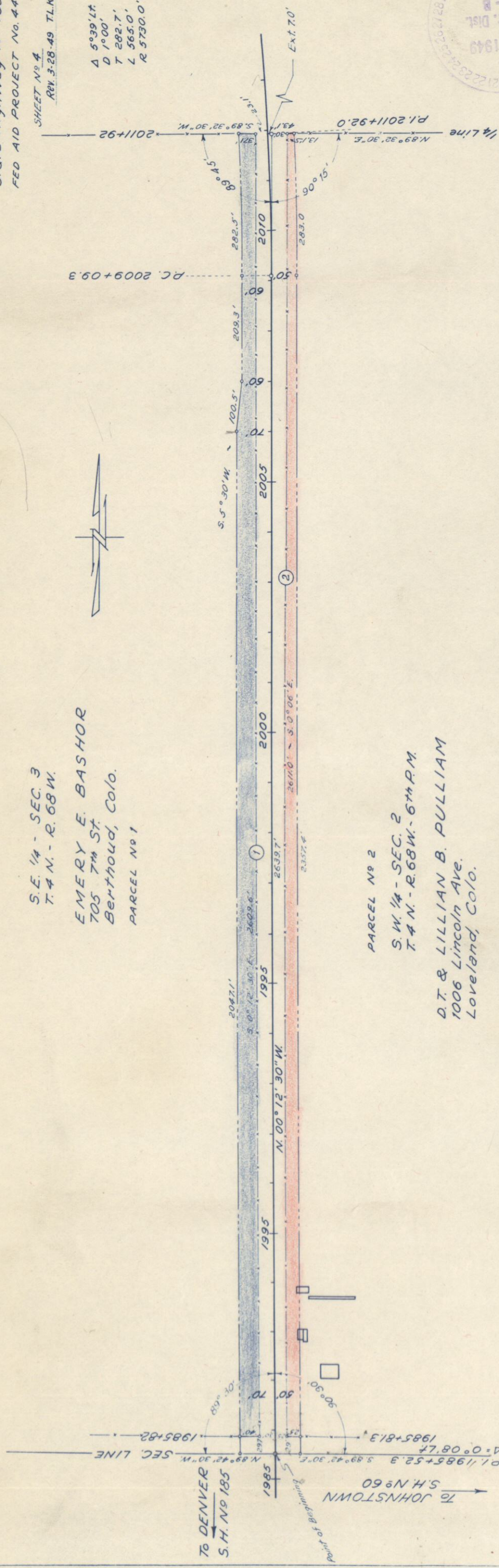
EMERY E. BASHOR
705 7th St.
Berthoud, Colo.
PARCEL No 1

PARCEL No 2

S. W. $\frac{1}{4}$ - SEC. 2
T. 4 N. - R. 68 W. - 6th P.M.

D. T. & LILLIAN B. PULLIAM
1006 Lincoln Ave.
Loveland, Colo.

COLORADO STATE HWY. D. 1.
JUN 25 1941
RIGHT-OF-WAY



RIGHT-OF-WAY MAP
 State Highway No 185
 FED. AID PROJECT NO 44A(1)

SHEET No 6
 REV. 3-28-49 T.L.K.

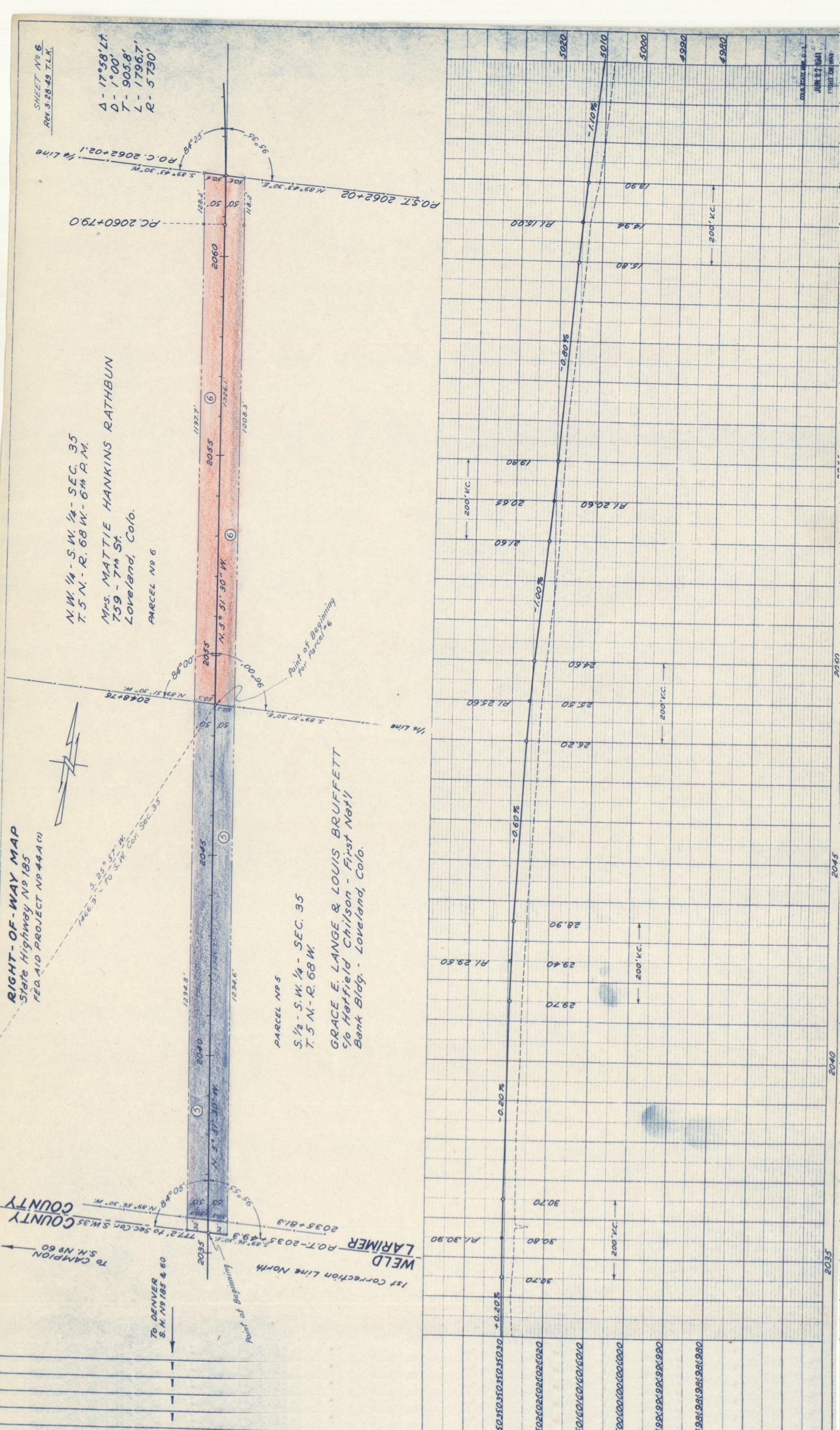
N.W. 1/4 - S.W. 1/4 - SEC. 35
 T. 5 N. - R. 68 W. - 6th D. M.
 MRS. MATTIE HANKINS RATHBUN
 759 - 7th St.
 Loveland, Colo.
 PARCEL No 6

Δ - 17°58' Lt.
 D - 1°00'
 T - 905.8'
 L - 1796.7'
 R - 5750'

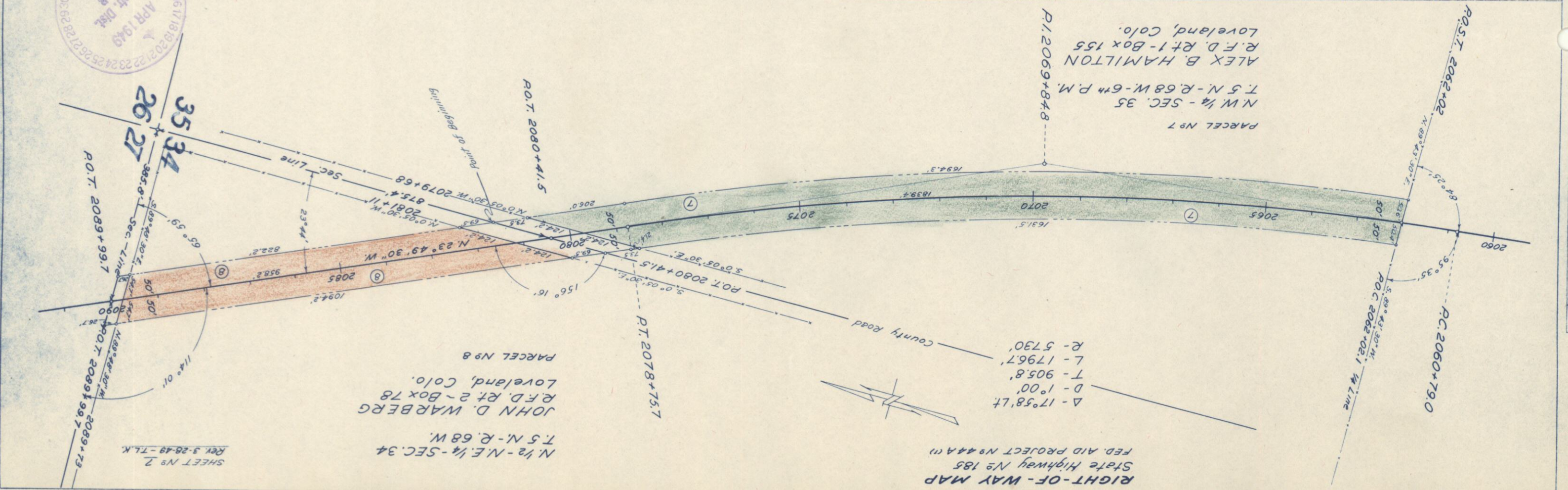
PARCEL No 5
 S. 1/2 - S.W. 1/4 - SEC. 35
 T. 5 N. - R. 68 W.

GRACE E. LANGE & LOUIS BRUFFETT
 c/o Hatfield Chilson - First Nat'l
 Bank Bldg. - Loveland, Colo.

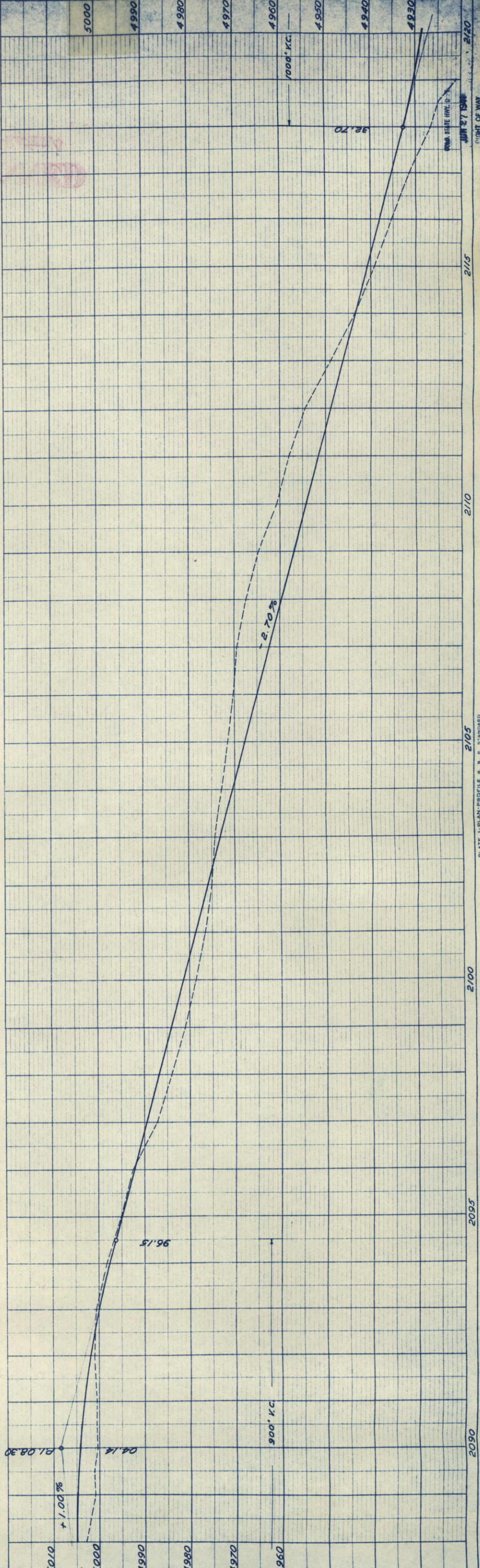
TO DENVER
 S.H. No 185 & 60
 TO CAMPION
 S.H. No 60
 1st Correction Line North

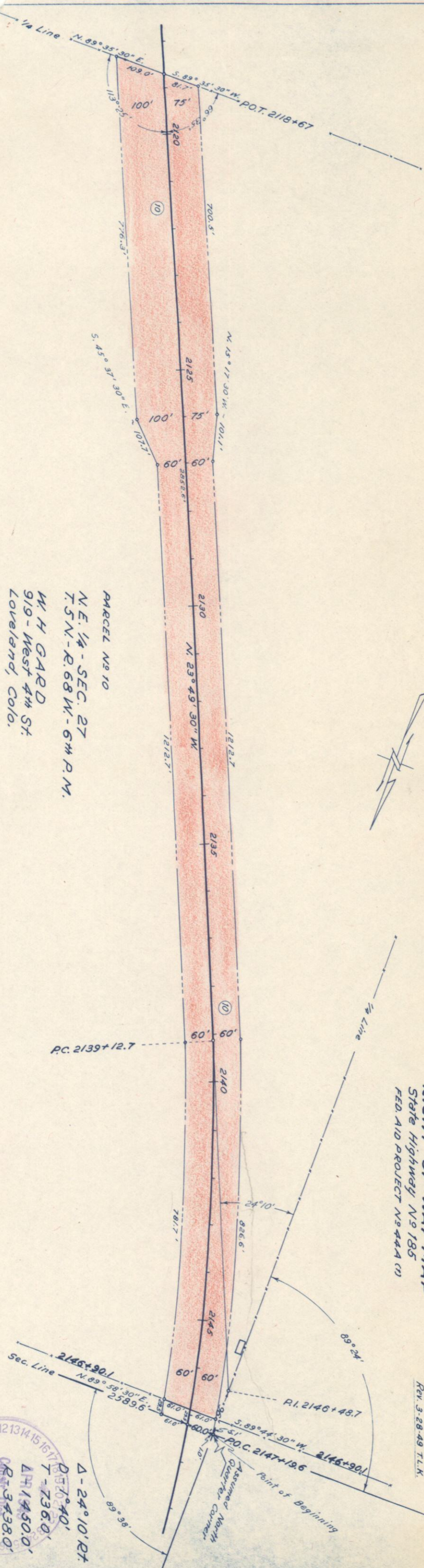


PLAN	BY	DATE
SUBMITTED	W. J. K. E.	1-22-44
PLOTTED		
ALIGNMENT CHECKED		
RT OF WAY CHECKED		
NOTE BOOK		
NO		



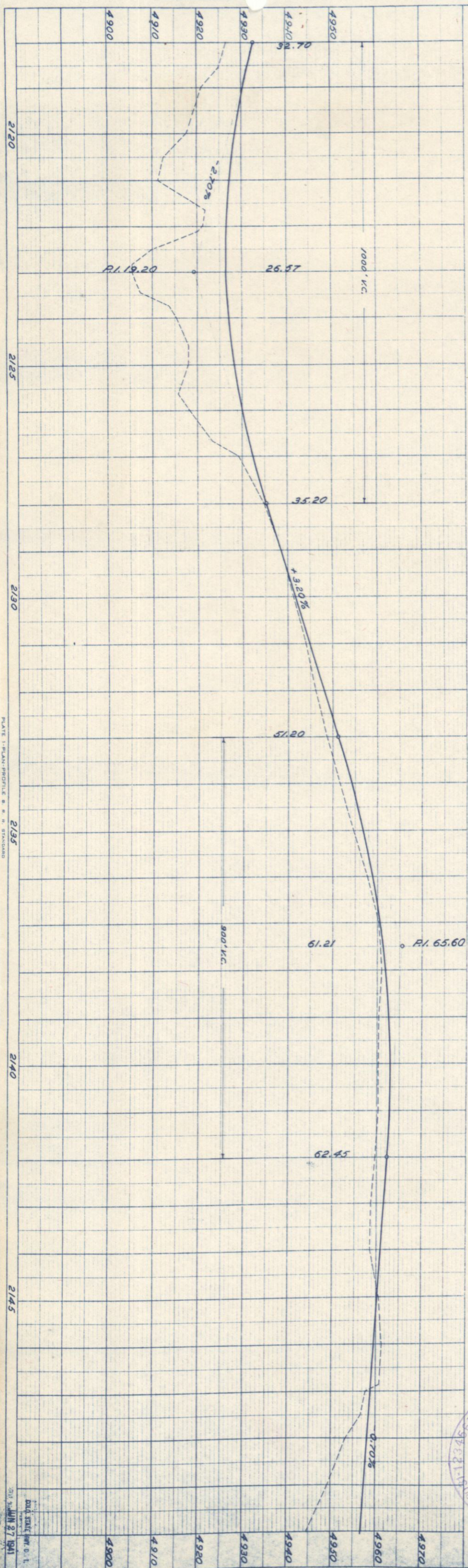
RIGHT-OF-WAY MAP
State Highway No 185
FED. AID PROJECT No 44A(1)



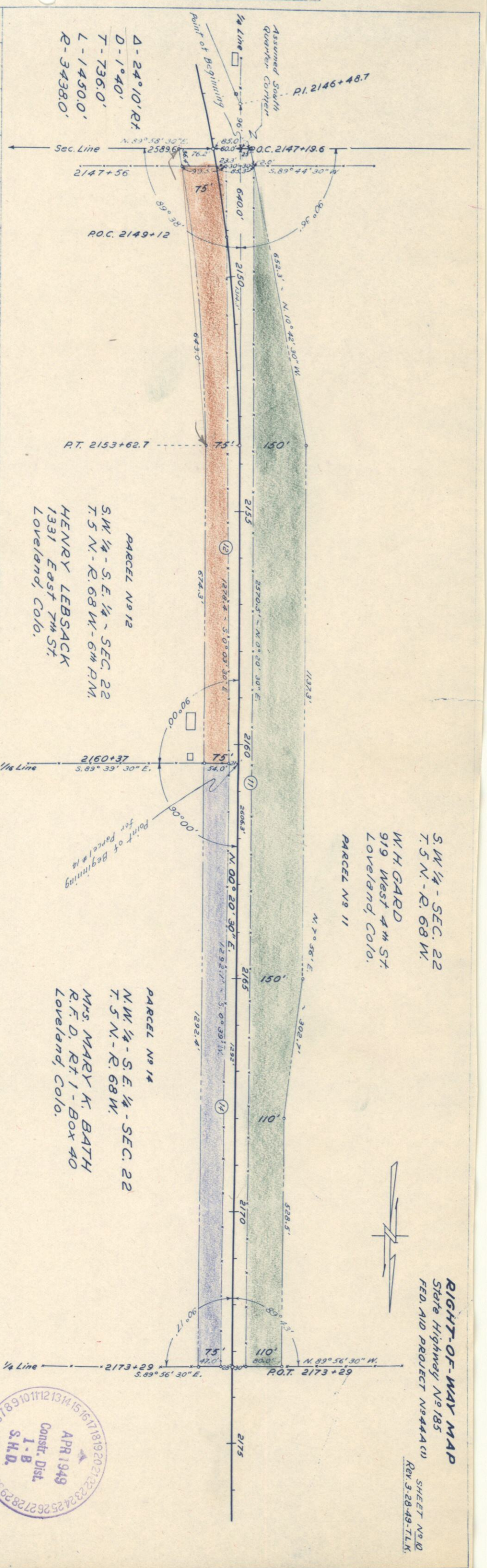
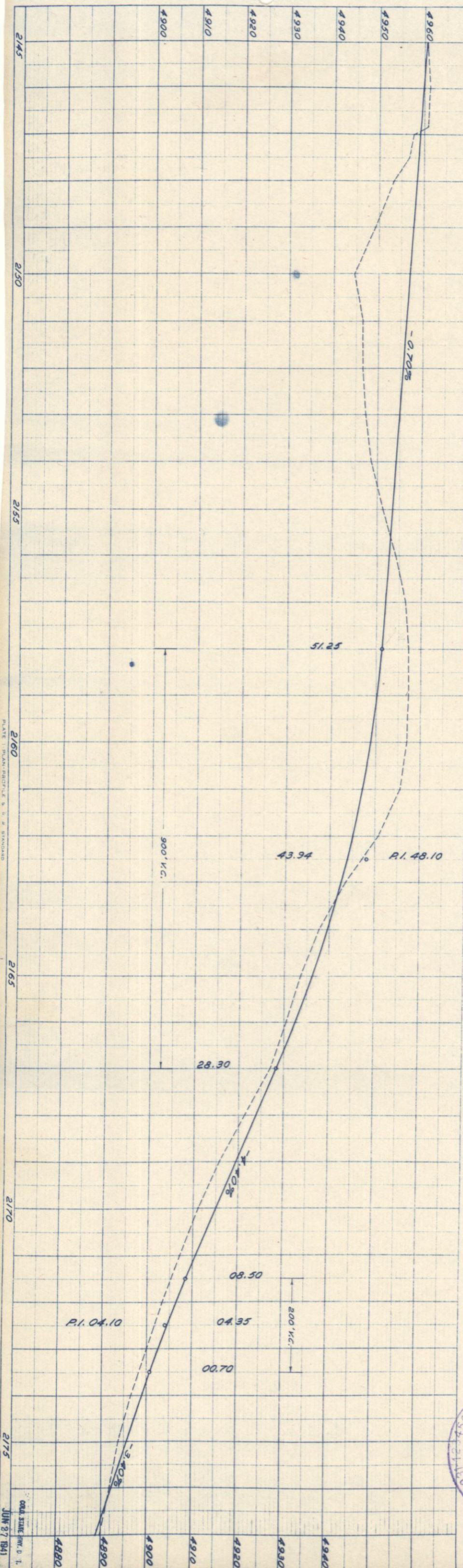


RIGHT-OF-WAY MAP
State Highway No 185
FED. AID PROJECT No 44A (1)

SHEET NO. 9
REV. 3-28-49 T.L.K.



$\Delta - 24^{\circ} 10' R.$
 $P 15^{\circ} 40'$
 $T - 73.6.0'$
 $L 1450.0'$
 $R. 3438.0'$
 C. S. D. S. N. D.
 I - B



S.W. 1/4 - SEC. 22
 T. 5 N. - R. 68 W.
 W. H. GARD
 919 West 4th St.
 Loveland, Colo.
 PARCEL NO 11

S.W. 1/4 - S.E. 1/4 - SEC. 22
 T. 5 N. - R. 68 W. - 6th P.M.
 HENRY LEBSACK
 1331 East 7th St.
 Loveland, Colo.
 PARCEL NO 12

N.W. 1/4 - S.E. 1/4 - SEC. 22
 T. 5 N. - R. 68 W.
 MRS. MARY K. BATH
 R.F.D. Rt. 1 - Box 40
 Loveland, Colo.
 PARCEL NO 14



RIGHT-OF-WAY MAP
 State Highway No 185
 FED. AID PROJECT NO 44A(1)

SHEET NO 10
 REV. 3-28-49-T.L.H.

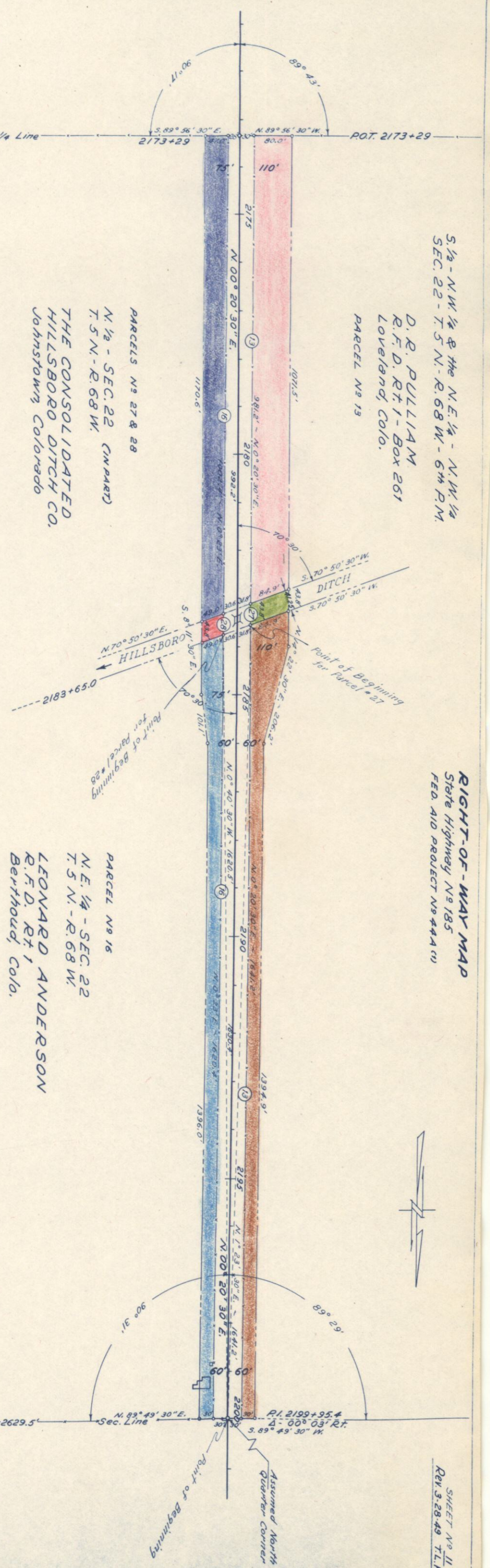


S 1/2 - NW 1/4 & the NE 1/4 - NW 1/4
SEC. 22 - T.5 N. - R.68 W. - 6th P.M.

D. R. PULLIAM
R.F.D. Rt. 1 - Box 261
Loveland, Colo.
PARCEL No 13

RIGHT-OF-WAY MAP
State Highway No 185
FED. AID PROJECT No 44A (U)

SHEET No 11
REV. 3-28-49 T.L.K.



PROFILE		SURVEYED
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	B. M. NOTED	
	STRUCTURE NO.	

PLAN		SURVEYED
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

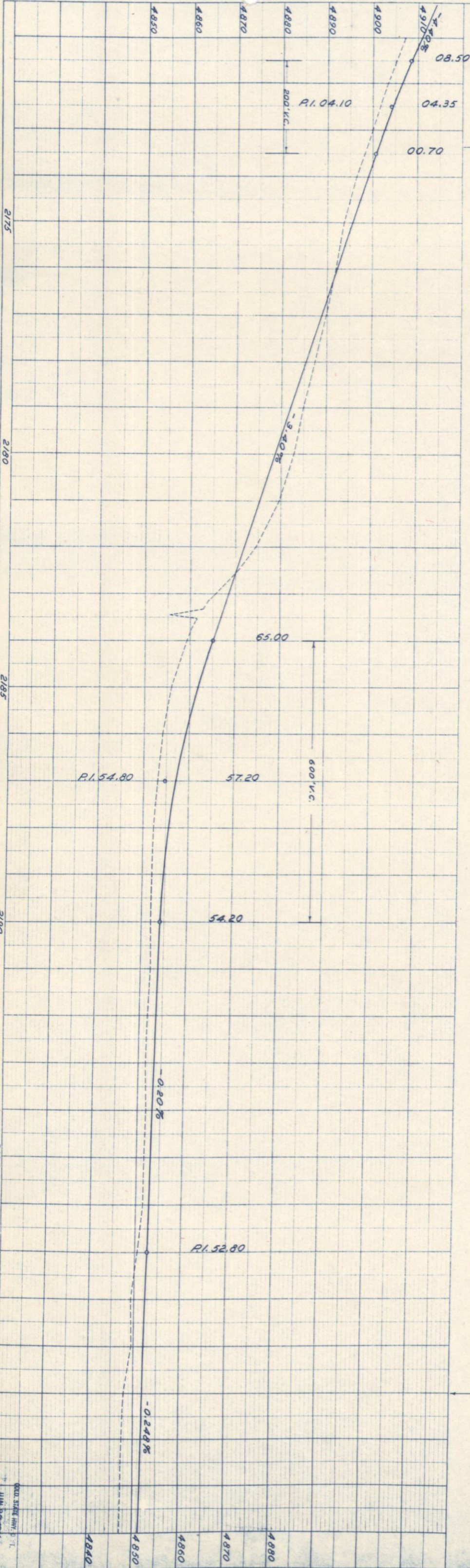
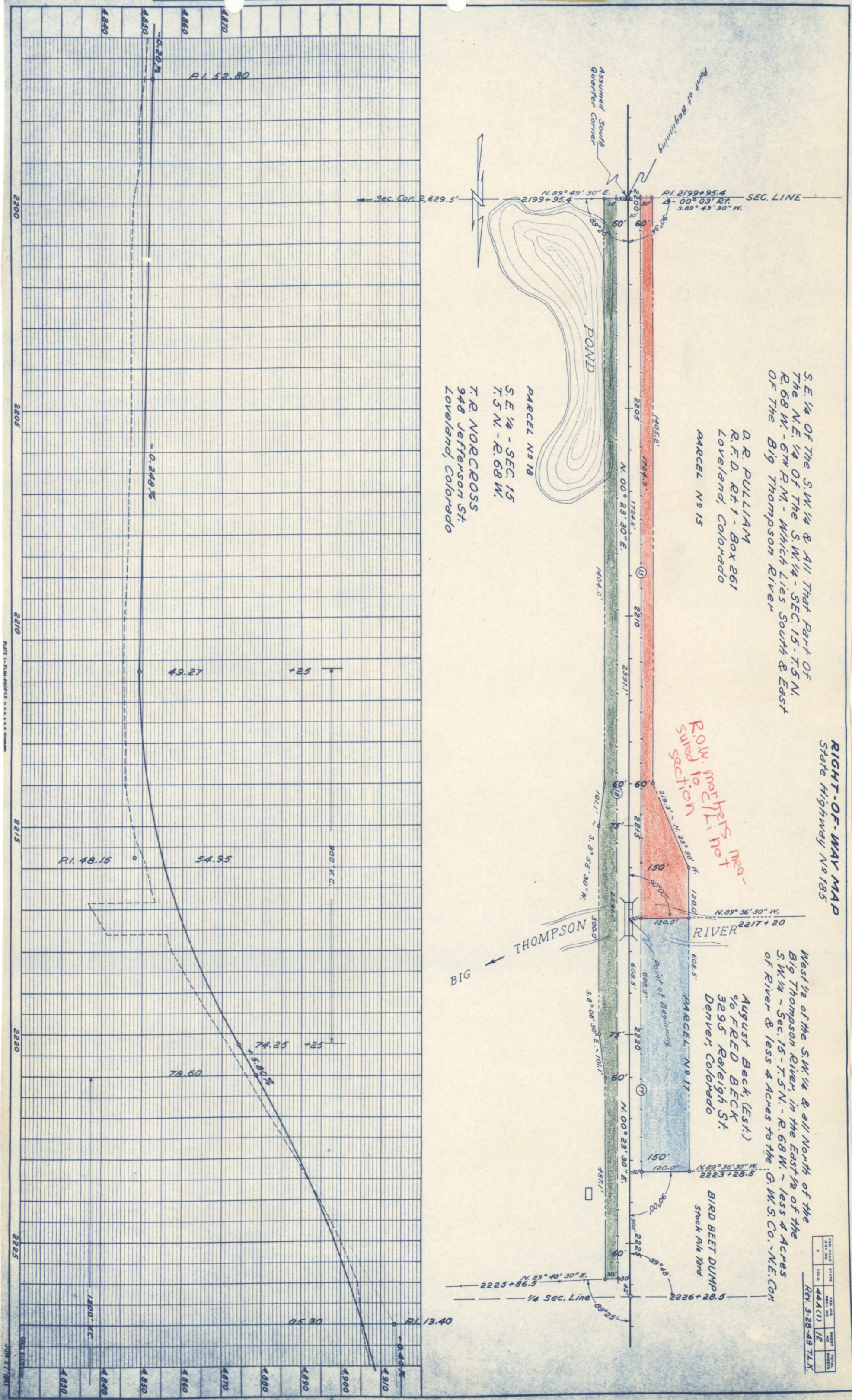


PLATE 1 PLAN PROFILE & R. M. STANDARD

DATE STATE HIGHWAY
JUN 27 1941
RIGHT-OF-WAY



RIGHT-OF-WAY MAP
State Highway No 185

S.E. $\frac{1}{4}$ OF THE S.W. $\frac{1}{4}$ & ALL THAT PART OF
THE N.E. $\frac{1}{4}$ OF THE S.W. $\frac{1}{4}$ - SEC. 15 - T.5 N.
R. 68 W. - 6TH P.M. - WHICH LIES SOUTH & EAST
OF THE Big Thompson River

D. R. PULLIAM
R. F. D. #41 - Box 261
Loveland, Colorado
PARCEL N915

PARCEL N^o 18
S. E. 1/4 - SEC. 15
T. 5 N. - R. 68 W.
T. R. NORCROSS
948 Jefferson St.
Loveland, Colorado

R.O.W. matters not
sured to
section

West $\frac{1}{2}$ of the S.W. $\frac{1}{4}$ & all North of the Big Thompson River, in the East $\frac{1}{2}$ of the S.W. $\frac{1}{4}$ ~ Sec. 15 - T. 5 N. - R. 68 W. ~ less 4 Acres of River & less 4 Acres to the G. W. S. Co. ~ N.E. Cor.

August Beck, (Est.)
% FRED BECK
3295 Raleigh St.
Denver, Colorado

BIRD BEET DUM
Stock Pile Yard

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLORADO	44A(1)	12	

Rev. 3-28-49 T.L.K.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	44A ⁽¹⁾	14	

Rev. 3-28-49 T.L.

Rev. 12-11-59 (Access) JLS

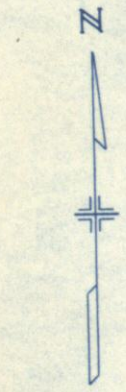


% HENRY SCHNEIDER - Pres.
R.F.D. - Rt. 1
Loveland, Colorado

THE FARMERS IRRIGATION
DITCH & RESERVIOR CO.
14TH & Factory Ave.
Loveland, Colorado

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO. SN FAP 44A(1)	14 A		

RIGHT OF WAY
 Rev. 1-15-54 T.L.K.
 (Parcels 25-A, 25-B & 29-A added on Lt. 8 sheet number changed.)
 Rev. 12-11-59 (Access) JLS

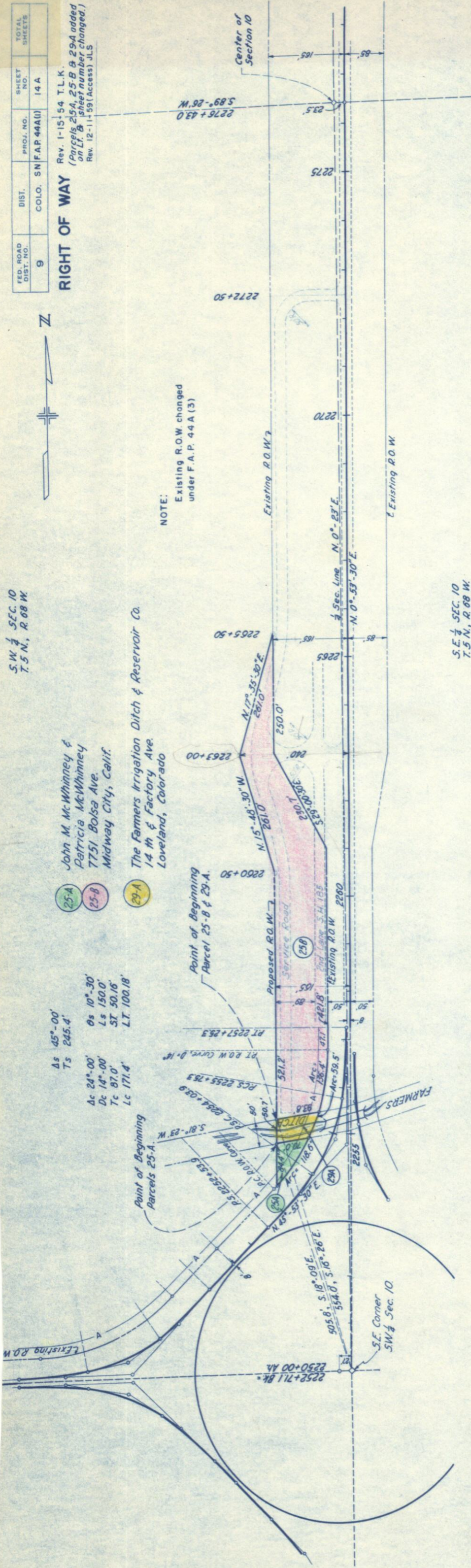


S.W. 1/4 SEC. 10
 T.5 N., R. 68 W.

25-A John M. McWhinney &
 Patricia McWhinney
 7751 Bolsa Ave.
 Midway City, Calif.
 25-B
 29-A

The Farmers Irrigation Ditch & Reservoir Co.
 14th & Factory Ave.
 Loveland, Colorado

Point of Beginning
 Parcels 25-A
 Δs 45°-00' Ts 245.4'
 Δc 24°-00' Bs 10°-30'
 Δc 14°-00' Ls 150.0'
 Δc 87°-00' St 50.16'
 Δc 171.4' Lt 100.18'



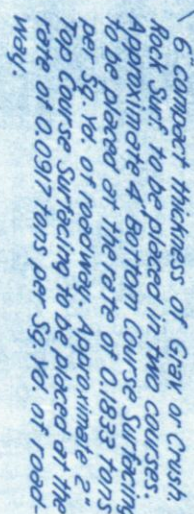
Existing R.O.W.

S.E. 1/4 SEC. 10
 T.5 N., R. 68 W.

PLAN	DATE	BY
PLOTTED		
ALIGNED CHECKED		
RT. OF WAY CHECKED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SWAYED		
PLOTTED		
GRADES CHECKED		
NOTE BOOK		
NO.		

MICROFILMED



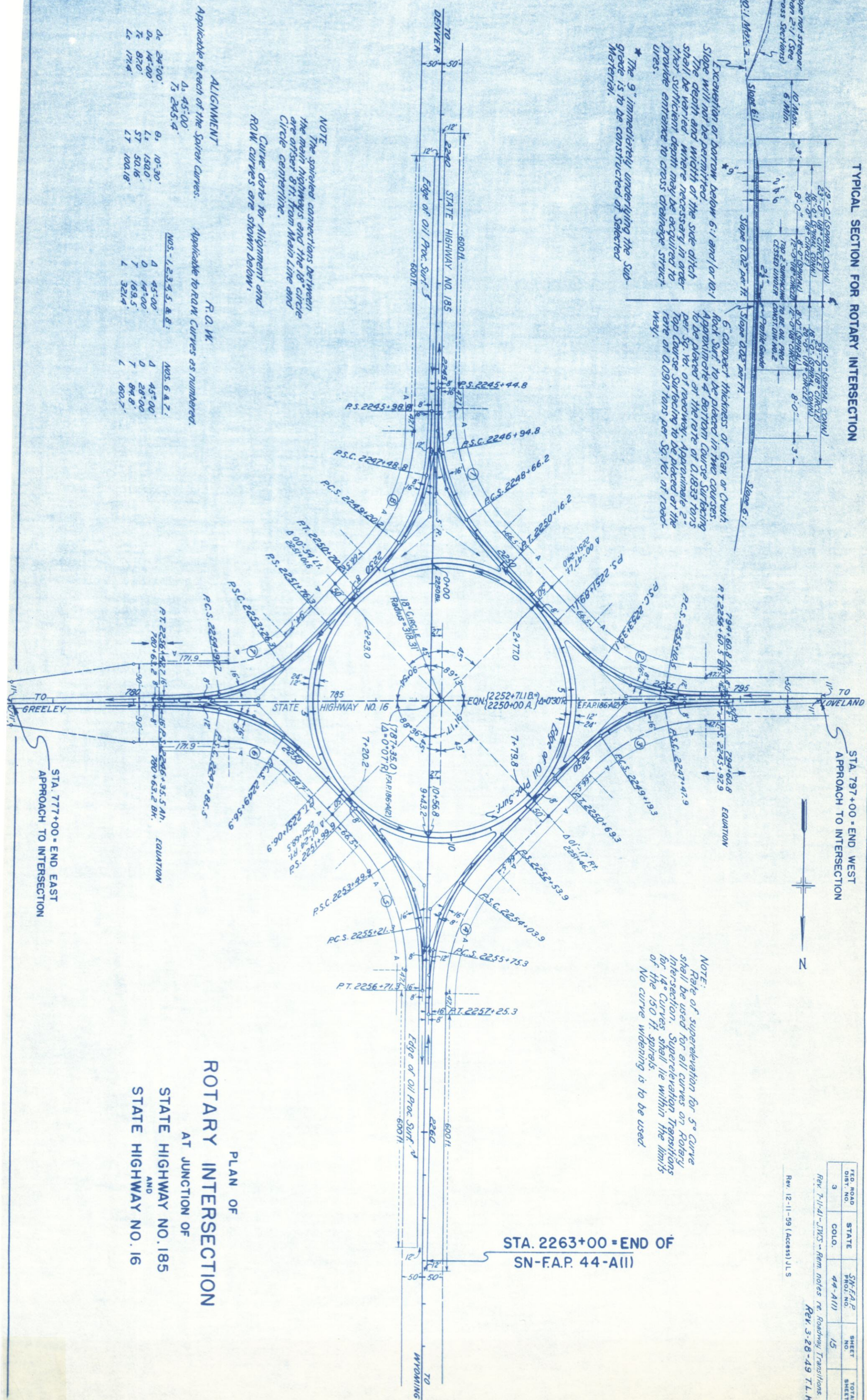
The 3 immediately underlying the Sub-grade is to be constructed of Selected Material.

6. Compact thickness of Gray or Crush Rock Surf. to be placed in two courses. Approximately 4" Bottom Course Surfacing to be placed at the rate of 1,833 Tons per Sq. Yd. of roadwey. Approximately 2" Top Course Surfacing to be placed at the rate of 0.0917 Tons per Sq. Yd. of Roadwey.

R.O.W.
Applicable to RAW Curves as numbered.

<u>NOS. 1, 2, 3, 4, 5, & 8:</u>		<u>NOS. 6 & 7:</u>	
A	45° 00'	A	45° 00'
D	14° 00'	D	28° 00'
T	169.5'	T	84.8'
L	321.4'	L	160.7'

STATE HIGHWAY NO. 185
AND
STATE HIGHWAY NO. 16



STA. 797+00 = END WEST
APPROACH TO INTERSECTION

FED. ROAD DIST. NO.	STATE	SM-FA-P PROJ. NO.	SHEET NO.	TOTAL SHEET
3	COLO.	44-A(1)	15	

Rev 7-11-41-J.T.M.S. - Rem notes re. Roadway Transitions.
 Rev. 3-26-49 T.L.H.

Rev 12-11-59 (Access) J.L.S

Rev. 3-28-49 T.L.H.

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13.	DETAILS OF CONCRETE BOX CULVERT, STA. 2183+	
14-18.	DETAILS OF BRIDGE, STA. 2216+	
19.	DETAILS OF CONCRETE BOX CULVERT, STA. 2255+	
20.	DETAILS OF CONC. DIV. BOXES, STAS. 2026+ TO 2027+, & 2041+	
21.	DETAILS OF CONCRETE DIVISION BOX, STA. 2029+ AND HEADGATE, STA. 2255+	
22.	DETAILS OF SPECIAL OUTLET BOX FOR 18" SIPHON, STA. 2141+ AND CONCRETE DIVISION BOX, STA. 2151+	
23-27.	GENERAL LAYOUT & DETAILS OF STRUCTURES FOR IRRIGATION DITCH LEFT STA. 2158+ TO 2173+. ALSO SEE SHEET NO. 27 FOR DETAILS OF CONCRETE DIVISION BOX, STA. 2195+	
28.	LAYOUT & TYPICAL CROSS SECTION FOR ROTARY INTERSECTION	M-10
29.	STANDARD HEADWALLS FOR C.M.P. CULVERTS	M-10
30.	CONCRETE BOX CULVERTS	M-10
31.	SIPHON, CORR. GALV. IRON PIPE WITH CONCRETE INLET & OUTLET BOXES	M-10
32.	TIMBER GUARD POSTS	M-2
33.	WIRE CABLE GUARD FENCE	M-2
34.	WIRE FENCES WITH METAL POSTS	M-10
35.	STRUCTURE NUMBER LETTERING	M-10
36.	STRUCTURE YEAR NUMBER MARKING	M-10
37.	METHODS FOR SUPERELEVATION AND	

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD	
GROSS LENGTH OF PROJECT	ROADWAY
NET LENGTH OF PROJECT	APPROACHES
	28,750.2 FT. = 5.445 MI.
	1,712.0 FT. = 0.324 MI.

LENGTH OF PROJECT		ROADWAY	BRIDGES
STATIONS	LIN. FT.	LIN. FT.	LIN. FT.
1986+00 ^{(END OF P.W.A. 392-F}			
2014+74.3 ^(BEGIN SN-FAP. 44-A1)	2874.3		
2014+73.9 ^{(B.N. 3 EQUATION}			
2122+52.1 ^{(BRIDGE END}	10778.2		
2123+52.1 ^(3-SPAN CONC'I-BEAM)			95.8
2123+47.9 ^{(BRIDGE END}			
2216+39.0 ^{(BRIDGE END}	929.1		
2216+39.0 ^(2-SPAN CONC'I-BEAM)			121.0
2217+60.0 ^(S.E. END OF WYE)	3687.7		
2256+47.7 ^{(B.N. 3 EQUATION}			
2245+97.9 ^(A.H. = N.W. END OF WYE)	1702.1		
2263+00.0 ^(END SN-FAP. 44-A1)			
TOTALS PROJECT PROPER	28533.4		216.8
	(5404 MI.)		(10.04 MI.)
APPROACHES			
S.W. LEG. OF WYE			
2246+60-@12' from ^{(of S.H. 185}		887.0	
2255+47-@11' from ^{(of S.H. 16}			
N.E. LEG. OF WYE			
2247+38-@11' from ^{(of S.H. 16}		825.0	
2255+63-@12' from ^{(of S.H. 185}			
TOTALS APPROACHES		1712.0	
		(3.324 MI.)	

A vertical scale bar with markings for 0, 1/2, 1, 2, 3, 4, and 5. The markings are placed to the left of the bar, and the bar itself is a solid black line.

CENTER LINE _____

RIGHT OF WAY LINE _____

COUNTY LINE _____

TOWNSHIP OR RANGE LINE _____

SECTION LINE _____

QUARTER SECTION LINE _____

BARBED WIRE FENCE _____

COMBINATION WIRE FENCE _____

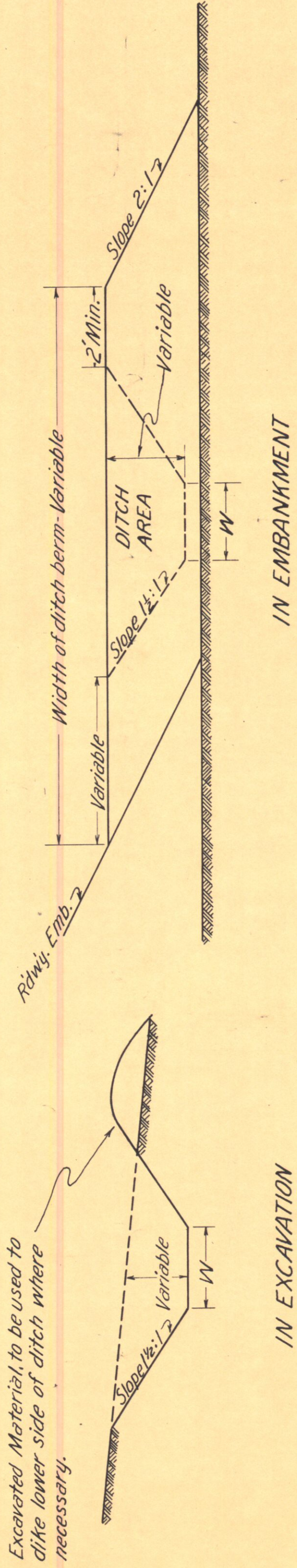
TELEPHONE LINE _____

FED. ROAD DIST. NO.	STATE	SN F&D PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	44-A(1)	1	

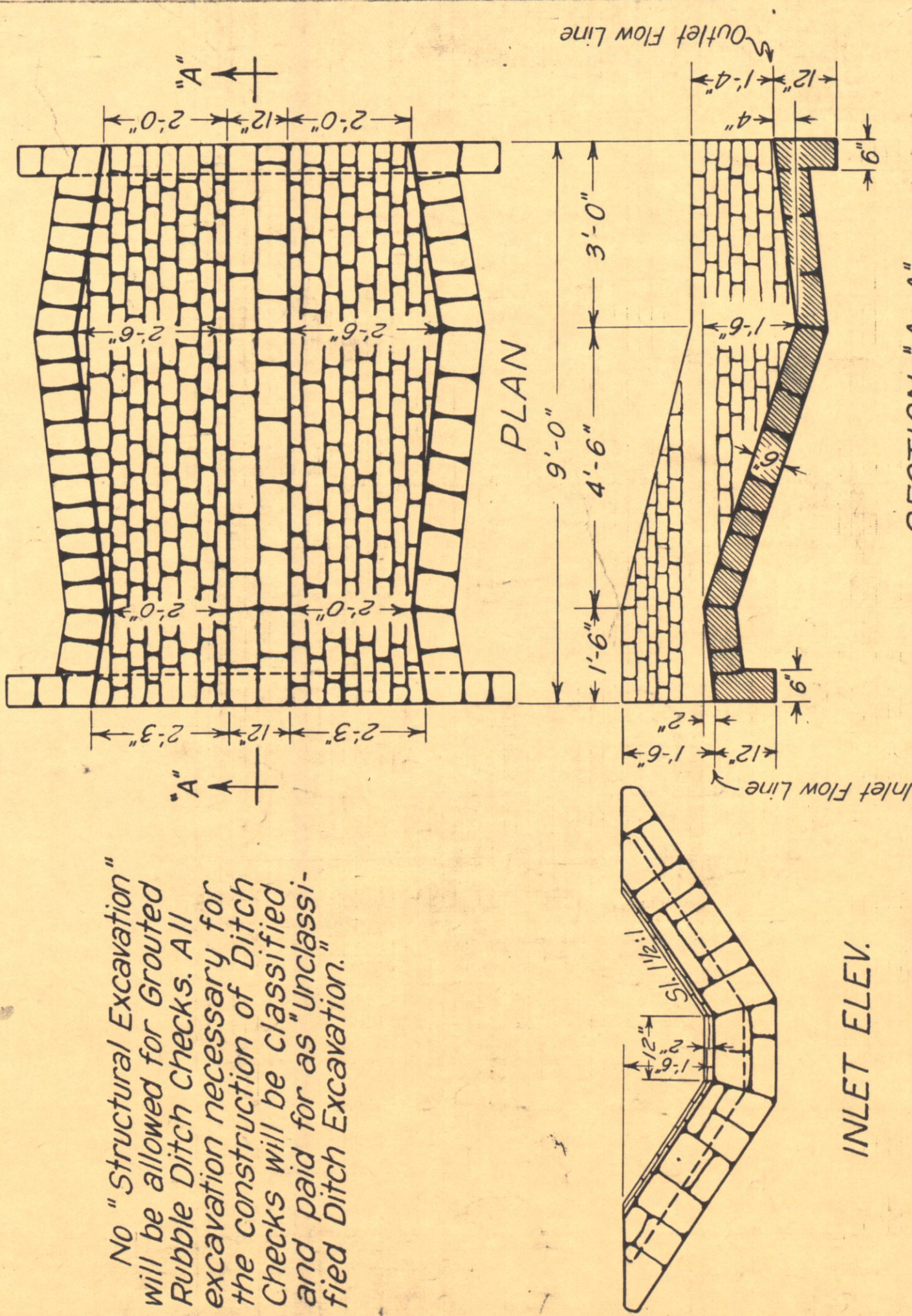
COMMISSIONER
PUBLIC ROADS ADMINIS-
TRATION
FEDERAL WORKS AG-

NOTE: Guard Fence and Guard Posts are tabulated on Sheet No. 3. Fencing and Right of Way Markers are tabulated on Sheet No. 9. Alignment and Grades as hereon shown are subject to modification during construction after approval by the Denver Office.

TYPICAL SECTIONS OF DITCH CHANGES FOR ENTIRE PROJECT



DETAIL FOR GROUTED RUBBLE DITCH CHECKS RT. OF STA. 1990+ TO STA. 2003+

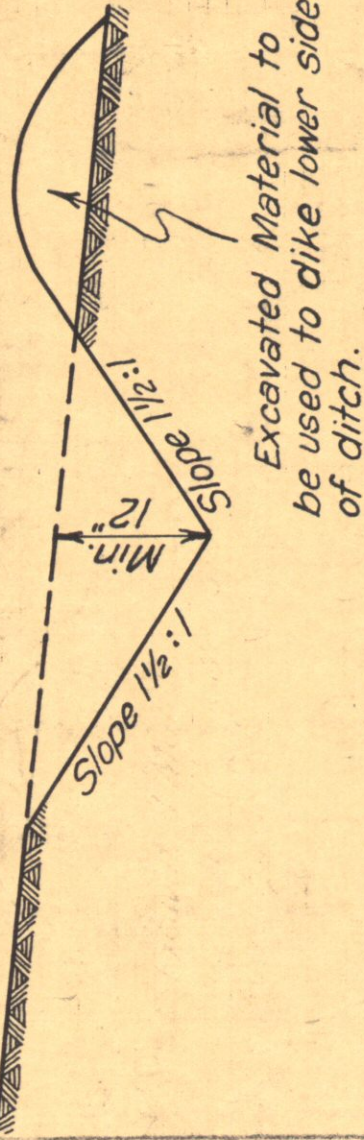


6.4 Sq. Yds. Grouted Rubble Slope & Ditch Paving required for one Check.

SECTION "A-A"

INLET ELEV.

TYPICAL SECTION OF INTERCEPTING DITCHES



1986+ to 1990+67 - Reg'd 90 Cu Yds. Excav. & 140 Cu Yds. Emb. for Acceleration Lane on Rt. (Included for payment in Profile Quantities)

1986+00 - Reg'd 40 cu yds. Excav. for Approach to Project.

P.I. 1985+52.3

END P.W.A. 352-F 8

BEGIN. SN-F.A.P. 44-A(1)

1986+00 - Reg'd Project Marker

1986+00 to 1986+85 - Reg'd

10 cu yds. Excav. for Irrig.

Ditch Change on Rt.

(W=1')

1986+90 - Rem. 6'x2'-6"

Wood Foot Bridge on Rt.

Reg'd 18'x10' C.M.P. Side

Drain & 10 cu yds. Emb.

for Walk Approach on Rt.

1987+90 - Move Frame

Garage from R.O.W. on Rt.

1988+37 - Reg'd 18'x28'

C.M.P. Side Drain & 25

cu yds. Embank. for Road

Approach on Rt.

1988+80 - Move Shed

from R.O.W. on Rt.

1990+20 to 2004+25 - Reg'd

160 cu yds. Excav. for Irrig.

Ditch Change on Rt. (W=1')

1990+40 to 2003+78 - Reg'd

15 Grouted Rubble Ditch

Checks in Irrig. Ditch Change

on Rt. (See Detail on Lt. Side

of Sheet. Also see profile

for Location.)

1992+85 - Reg'd 18'x26'

C.M.P. Side Drain & 30 cu

yds. Embank. for Road

Approach on Lt.

1992+85 - Reg'd 18'x26'

C.M.P. Side Drain & 30 cu

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yds. Embank. for Road

Approach on Lt.

1992+85 - Reg'd 18'x26'

C.M.P. Side Drain & 30 cu

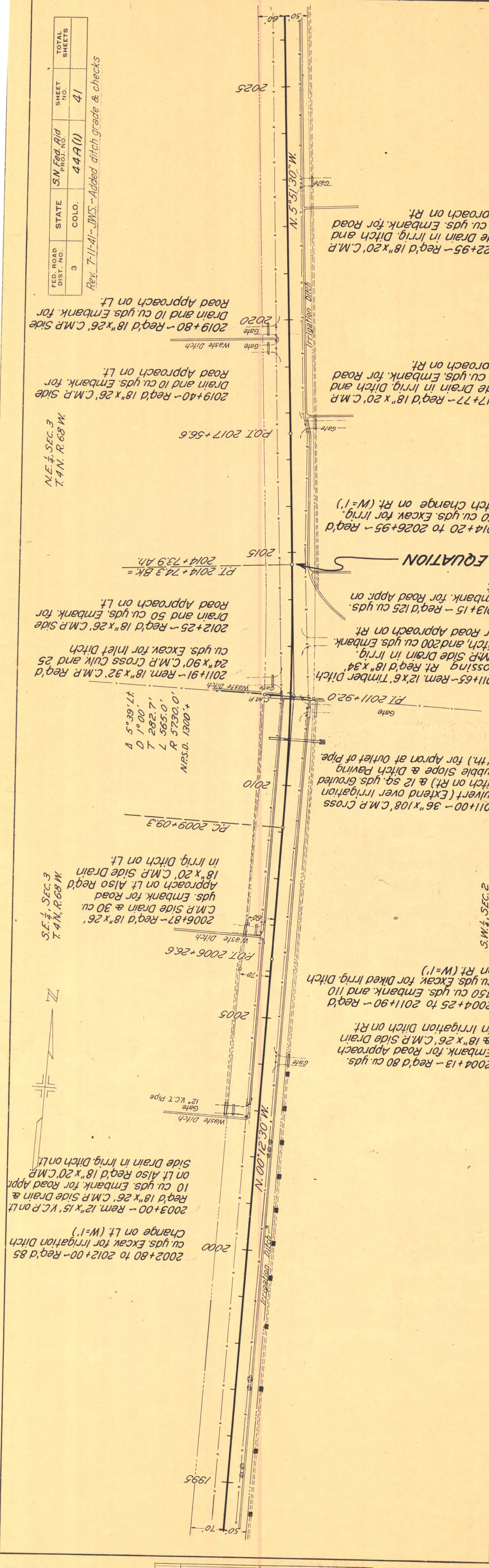
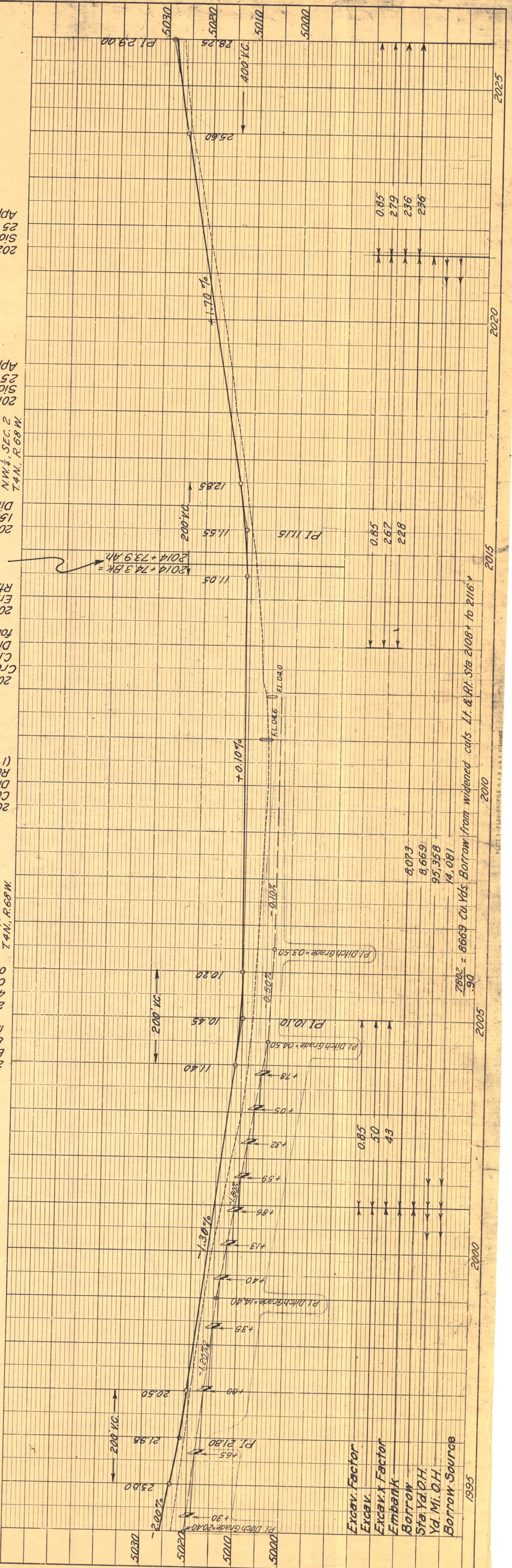
yds. Embank. for Road

Approach on Lt.

1992+85 - Reg'd 18'x2

PROFILE	
DATE	BY
STRUCTURE NOTAS CHKD.	
B.M. NOTED	
NOTE BOOK GRADES CHECKED	
PLOTTER	

PLAN	
DATE	BY
SURVEYED	
RT. OF WAY CHECKED	
NOTE BOOK	



FED. ROAD DIST. NO.	STATE	S.N. Fed. Aid PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	44A(1)	41	

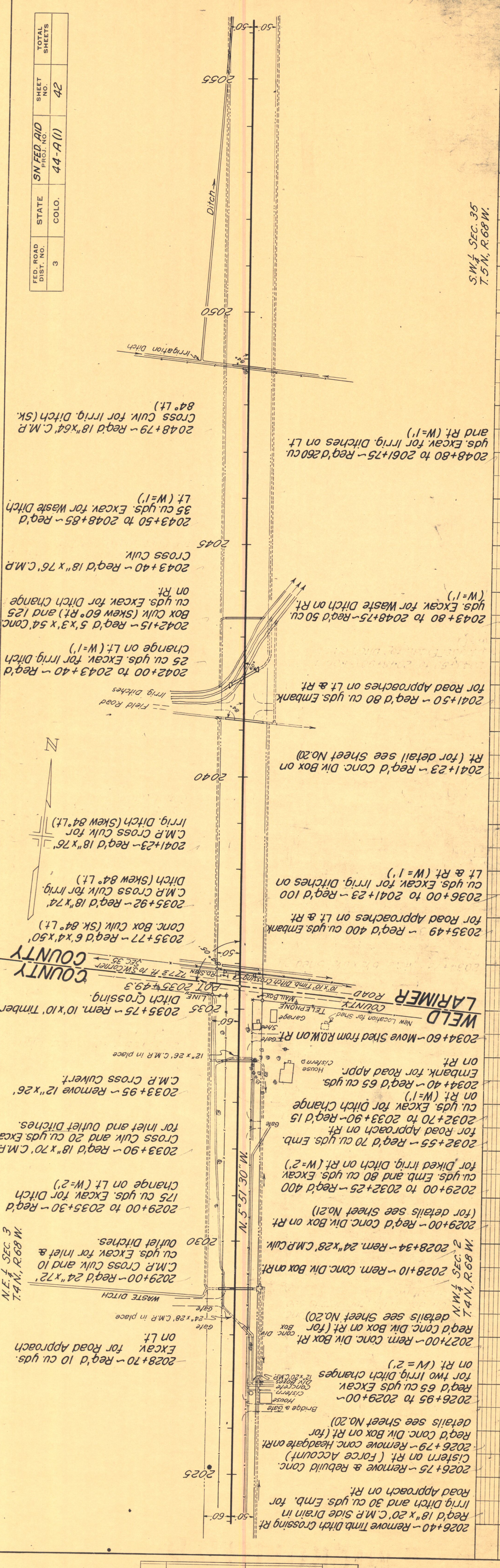
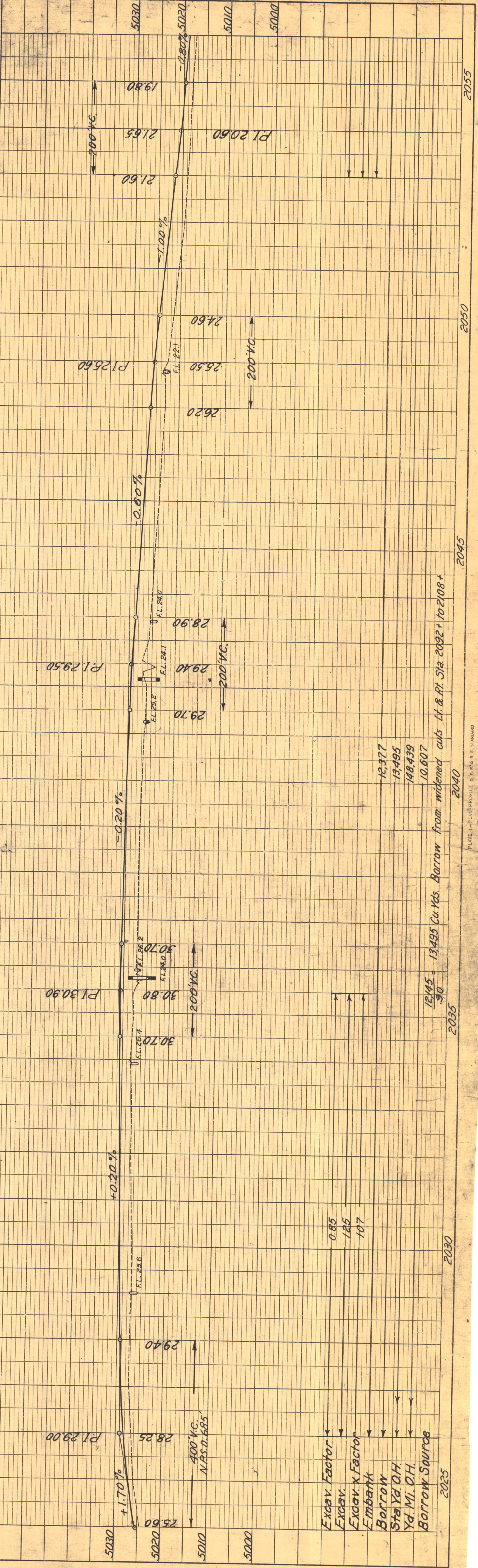
Rev. 7-11-41 - JMS. - Added ditch grade & checks

N.E. 1/4, SEC. 3
T. 4 N., R. 68 W.

N.W. 1/4, SEC. 2
T. 4 N., R. 68 W.

NO.	
STRUCTURE NOTATION CHKD.	
NOTE BOOK	
B.M. NOTED	
GRADES CHECKED	
PLOTTER	
DATE	

NO.	
NOTE BOOK	
B.M. NOTED	
GRADES CHECKED	
PLOTTER	
DATE	



NO.	
NOTE BOOK	
B.M. NOTED	
GRADES CHECKED	
PLOTTER	
DATE	

NO.	
NOTE BOOK	
B.M. NOTED	
GRADES CHECKED	
PLOTTER	
DATE	

FED. ROAD DIST. NO.	STATE	SN FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	44-A(1)	42	

SW 1/4 SEC. 35
T.5N, R.68W.

2026+40 - Remove Timber Ditch Crossing Rt. for Irrig. Ditch and 30 cu yds. Emb. for Road Approach on Rt.

2026+75 - Remove & Rebuild Conc. Cistern on Rt. (Force Account)

2026+79 - Remove conc. Headgate on Rt.

2026+95 to 2029+00 - Req'd 65 cu yds. Excav. for two Irrig. Ditch changes on Rt. (W=2')

2027+00 - Rem. Conc. Div. Box on Rt. (for details see Sheet No. 20)

2027+10 - Rem. Conc. Div. Box on Rt.

2028+34 - Rem. 24"x28" C.M.P. Culv.

2029+00 - Req'd 24"x72" C.M.P. Cross Culv. and 10 cu yds. Excav. for Inlet & Outlet Ditches.

2029+00 to 2035+30 - Req'd 175 cu yds. Excav. for Ditch Change on Lt. (W=2')

2033+90 - Req'd 18"x70" C.M.P. Cross Culv. and 20 cu yds. Excav. for Inlet and Outlet Ditches.

2033+95 - Remove 12"x26" C.M.P. Cross Culvert.

2035+77 - Req'd 6"x4"x50" Conc. Box Culv. (Sk. 84° Lt.)

2035+92 - Req'd 18"x74" C.M.P. Cross Culv. for Irrig. Ditch (Skew 84° Lt.)

2041+23 - Req'd 18"x76" C.M.P. Cross Culv. for Irrig. Ditch (Skew 84° Lt.)

2042+00 to 2043+40 - Req'd 25 cu yds. Excav. for Irrig. Ditch Change on Lt. (W=1')

2042+15 - Req'd 5"x3"x54" Conc. Box Culv. (Skew 60° Rt.) and 125 cu yds. Excav. for Ditch Change on Rt.

2043+40 - Req'd 18"x76" C.M.P. Cross Culv.

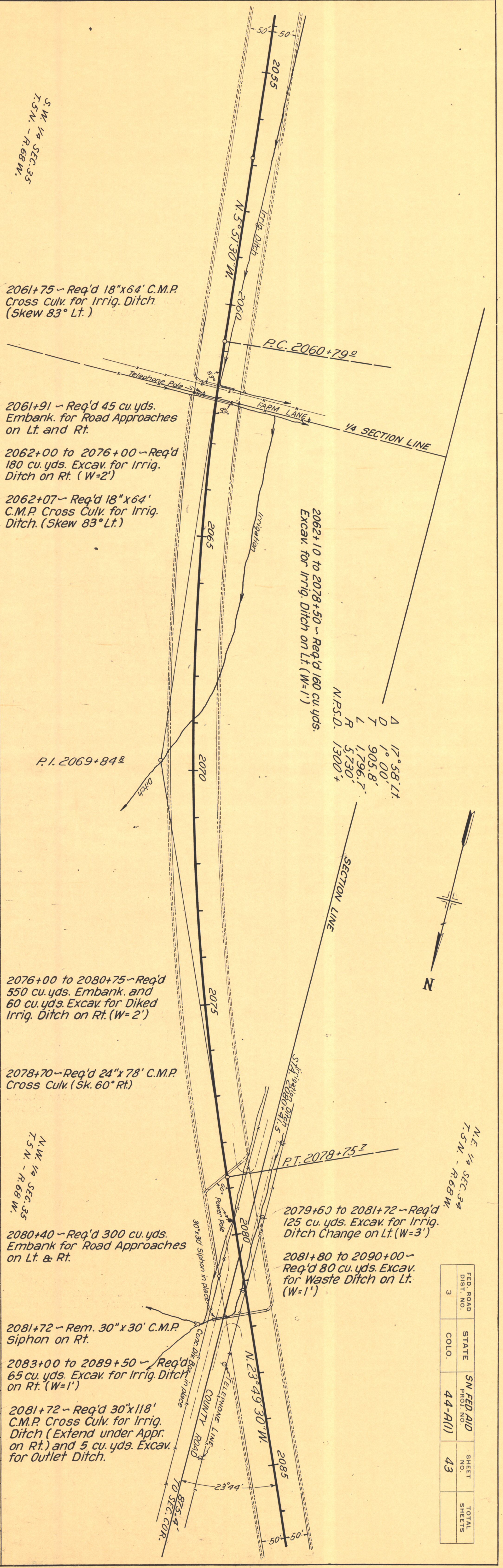
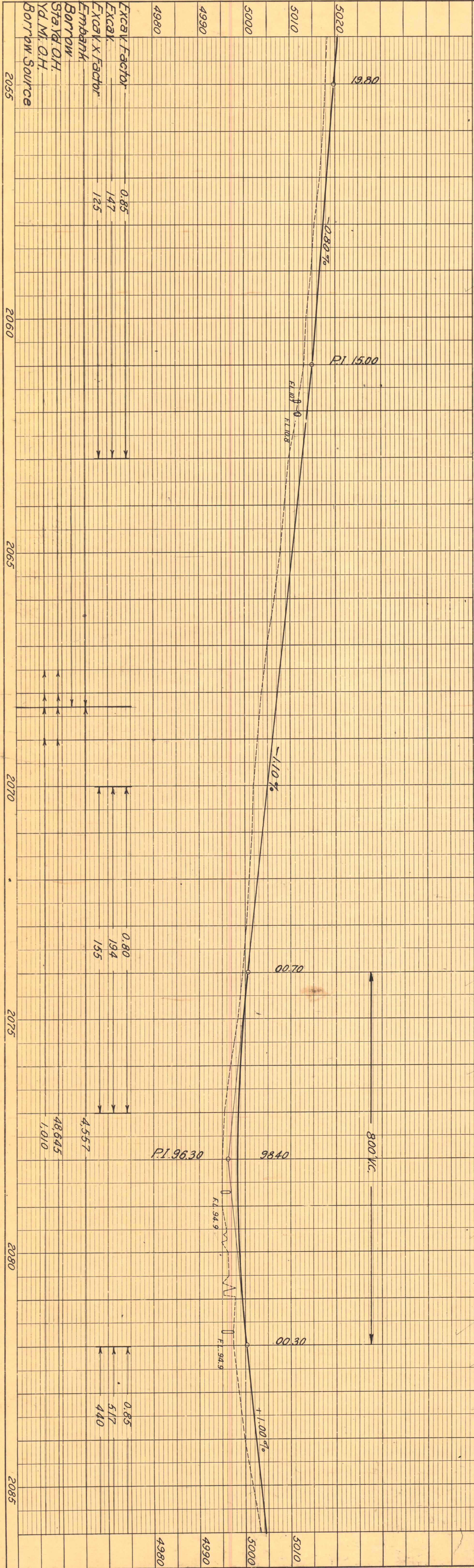
2043+50 to 2048+85 - Req'd 35 cu yds. Excav. for Waste Ditch Lt. (W=1')

2048+79 - Req'd 18"x64" C.M.P. Cross Culv. for Irrig. Ditch (Sk. 84° Lt.)

2048+80 to 2061+75 - Req'd 260 cu yds. Excav. for Irrig. Ditches on Lt. and Rt. (W=1')

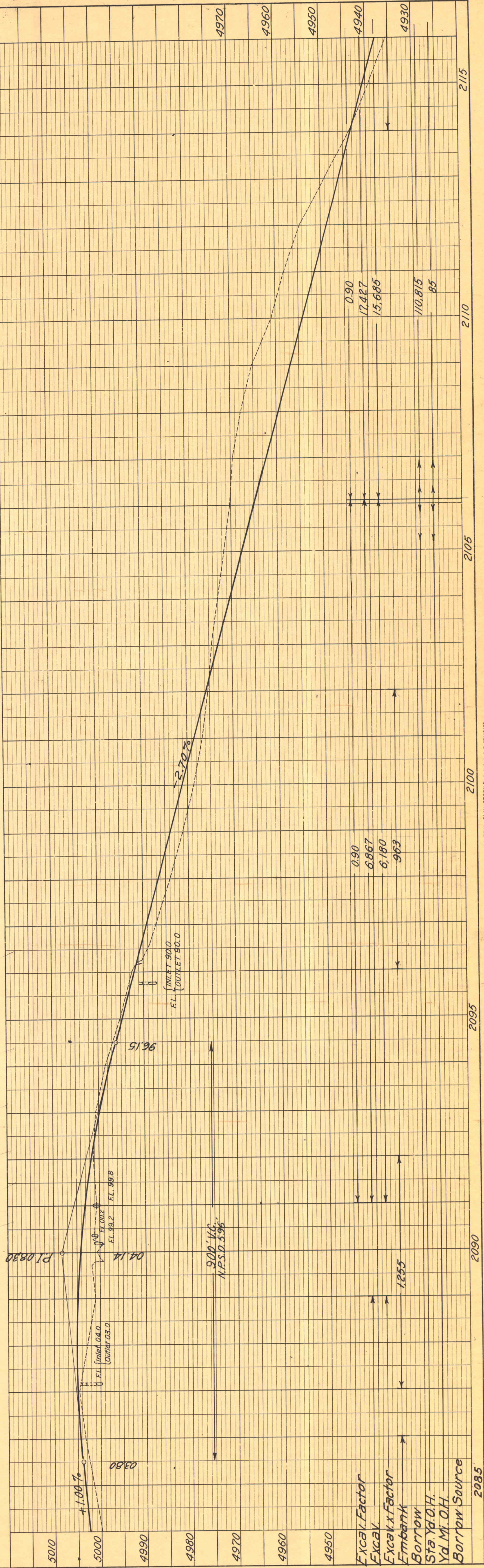
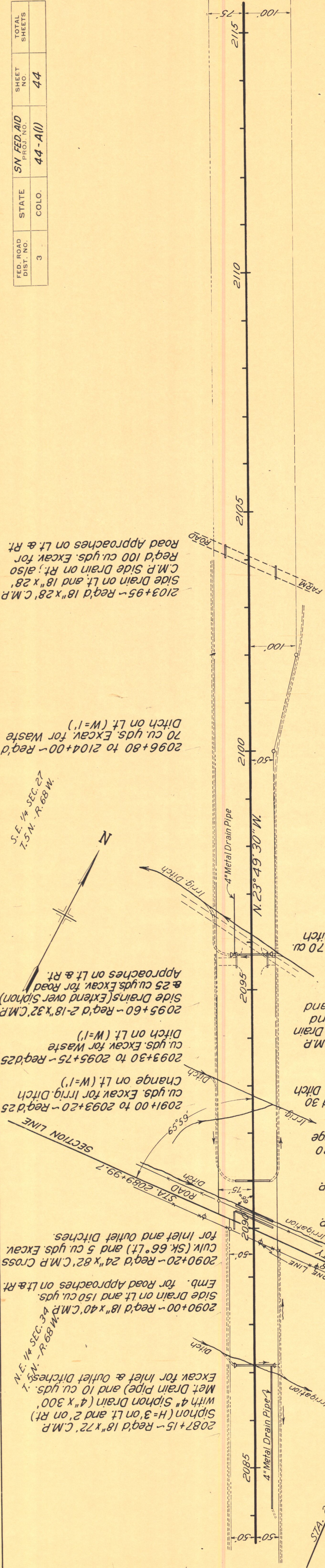
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M.S. NOTED		
	STRUCTURE NOTATIONS CHECKED		

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		



FED. ROAD DIST. NO.	STATE	SN. FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	44-A(1)	43	

FED. ROAD DIST. NO.	STATE	SN, FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	44-A(1)	44	



PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
RT. OF WAY CHECKED		
PLOTTED		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
GRADES CHECKED		
PLOTTED		
STRUCTURE NOTATIONS CHK'D.		

FED. ROAD DIST. NO.	3	STATE	SN. 620, AID	SHEET NO.	48	TOTAL SHEETS	48
Rev. 7-11-41	JWS	COLO.	44-A(1)				

Rev. 7-11-41 - JWS - Rem. Struct. Note, Sta. 2220.

2219+73 to 2225+76 - Remove 350 sq. yds. Flagstone Ditch Paving on Lt.

2216+39 to 2217+60 - Reg'd Bridge as per detail on sheets No. 14 to 18 incl. Remove Present Bridge - Reg'd 14,000 cu. yds. Excav. for Channel Improvement (included for Payment in Profile Quantities.)

2210+00 - Reg'd 24" x 92" C.M.P. Cross Culi and 100 cu. yds. Excav. for Outlet Ditch.

2207+70 - Reg'd 18" x 24" C.M.P. Side Drain on Lt. and 200 cu. yds. Embank. for Road Approaches on Lt. & Rt.

2201+30 - Reg'd 36" x 98" C.M.P. Cross Culi, and 40 cu. yds. Excav. for Inlet & Outlet Ditches.

2200+40 - Remove 15" x 38" C.M.P. 15 x 38" C.M.P. Culi in place

2199+42 - Remove 12" x 28" C.M.P. on Lt. 12 x 28" C.M.P. Side Drain

2199+35 - Reg'd 18" x 26" C.M.P. Side Drain and 70 cu. yds. Embank. for Road Approach on Lt.

2196+00 - Reg'd 10 cu. yds. Embank. for Road Approach on Lt.

2195+75 - Reg'd 18" x 64" C.M.P. Cross Culi (Sk. 75° Rt.) and 5 cu. yds. Excav. for Inlet & Outlet Ditches.

2195+87 - Remove 15" x 58" V.C.P. on Rt. Reg'd Conc. Ditch Box

2195+95 - Remove Conc. Ditch Box on Rt. Reg'd Conc. Ditch Box on Rt.

2198+81 - Remove & Rebuild Conc. Cistern on Rt. (Force Account)

2199+00 - Reg'd 100 cu. yds. Embank. for Road Approach on Rt.

2199+10 - Move Frame House from R.O.W. on Rt.

2199+42 - Remove 12" x 28" C.M.P. on Lt. 12 x 28" C.M.P. Side Drain

2200+40 - Remove 15" x 38" C.M.P. 15 x 38" C.M.P. Culi in place

2201+30 - Reg'd 36" x 98" C.M.P. Cross Culi, and 40 cu. yds. Excav. for Inlet & Outlet Ditches.

2207+70 - Reg'd 18" x 24" C.M.P. Side Drain on Lt. and 200 cu. yds. Embank. for Road Approaches on Lt. & Rt.

2210+00 - Reg'd 24" x 92" C.M.P. Cross Culi and 100 cu. yds. Excav. for Outlet Ditch.

2216+39 to 2217+60 - Reg'd Bridge as per detail on sheets No. 14 to 18 incl. Remove Present Bridge - Reg'd 14,000 cu. yds. Excav. for Channel Improvement (included for Payment in Profile Quantities.)

2215+45 - Reg'd 2-12" x 10" C.M.P. for Extension on each end of present Side Drain and 400 cu. yds. Embank. for Road Appr. on Rt. - Rem. 25 sq. yds. of Flagstone Ditch Paving on Rt. (Remove only the portions of Ditch Paving lying within the limits of the C.M.P. extensions.)

2220+82 to 2222+10 - Remove 80 sq. yds. Flagstone Ditch Paving on Rt.

2221+90 - Reg'd 18" x 28" C.M.P. Side Drain and 15 cu. yds. Embank. for Road Approach on Rt.

2223+90 - Reg'd 18" x 10" C.M.P. Side Drain and 5 cu. yds. Exc. for Walk Approach on Rt.

S. E. 1/4 SEC. 15
T. 5N. - R. 68W.

2200+70 - Reg'd 130 cu. yds. Embank. for Road Approach on Rt.

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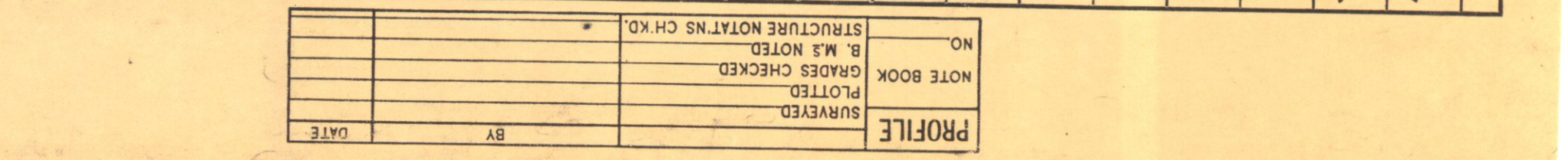
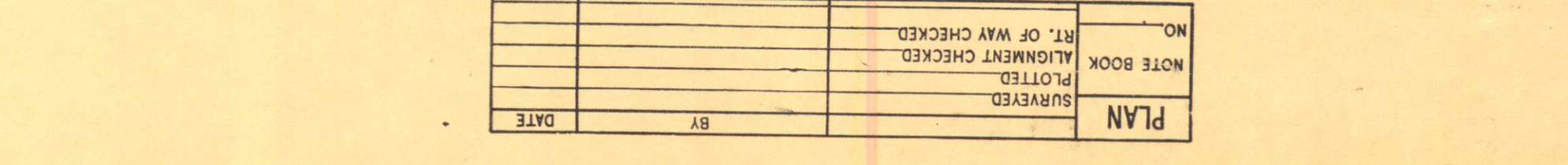
STRUCTURE NOTES FOR BRIDGE STA. 2216+39 TO 2217+60 STRUCTURE NO. C-17-F (SKEW 90°)

PRESENT STRUCTURE:	PROPOSED STRUCTURE:
SPAN - 1 @ 80'-0"	POSITION REFERRED TO PRESENT STRUCTURE - SAME
CLEAR WATERWAY - 20'-0"	SPAN - 2 @ 58'-2"
CLEAR ROADWAY - 1360'	CLEAR ROADWAY - 2000'
TYPE OF SUPERSTRUCTURE - STEEL TRUSSES	CLEAR WATERWAY - 2000'
TYPE OF SUBSTRUCTURE - STEEL PILES & RUBBLE MASONRY	TYPE OF SUPERSTRUCTURE - CONC. I BEAM
REQUIREMENTS - AS TO REMOVAL - REMOVE COMPLETE	TYPE OF SUBSTRUCTURE - COUNTERPORT ABUTS. OPEN PIER
STRENGTH DATA:	DETAIL STRUCTURE REQUIREMENTS:
DRAINAGE AREA IN SQ. MILES - 4.45	P.P. SPONGS, BID, BEET DUMP, HAUL TO BRIDGE SITE - 1/4 MI.
VELOCITY DURING HIGH WATER:	NEARBY STRUCTURES ON SAME STREAM:
ELEVATION OF:	LOCATION -
MAXIMUM HIGH WATER - 48.69	WATERWAY -
NORMAL STAGE	RECORD DURING FLOODS -
DRIFT - MEDIUM	STRENGTH BED - 48.37
SCOUR -	
4870	
4860	
4850	
4840	
Excav Factor	
Excav.	
Excav x Factor	
Embank	
Borrow	
Sta. V.O.H.	
Yd. M.O.H.	
Borrow Source	

2195 2195+75 - Reg'd 18" x 64" C.M.P. Cross Culi (Sk. 75° Rt.) and 5 cu. yds. Excav. for Inlet & Outlet Ditches.
2195+87 - Remove 15" x 58" V.C.P. on Rt. Reg'd Conc. Ditch Box
2195+95 - Remove Conc. Ditch Box on Rt. Reg'd Conc. Ditch Box on Rt.
2198+81 - Remove & Rebuild Conc. Cistern on Rt. (Force Account)
2199+00 - Reg'd 100 cu. yds. Embank. for Road Approach on Rt.
2199+10 - Move Frame House from R.O.W. on Rt.
2199+42 - Remove 12" x 28" C.M.P. on Lt. 12 x 28" C.M.P. Side Drain
2200+40 - Remove 15" x 38" C.M.P. 15 x 38" C.M.P. Culi in place
2201+30 - Reg'd 36" x 98" C.M.P. Cross Culi, and 40 cu. yds. Excav. for Inlet & Outlet Ditches.
2207+70 - Reg'd 18" x 24" C.M.P. Side Drain on Lt. and 200 cu. yds. Embank. for Road Approaches on Lt. & Rt.
2210+00 - Reg'd 24" x 92" C.M.P. Cross Culi and 100 cu. yds. Excav. for Outlet Ditch.
2216+39 to 2217+60 - Reg'd Bridge as per detail on sheets No. 14 to 18 incl. Remove Present Bridge - Reg'd 14,000 cu. yds. Excav. for Channel Improvement (included for Payment in Profile Quantities.)
2219+73 to 2225+76 - Remove 350 sq. yds. Flagstone Ditch Paving on Lt.
2220+82 to 2222+10 - Remove 80 sq. yds. Flagstone Ditch Paving on Rt.
2221+90 - Reg'd 18" x 28" C.M.P. Side Drain and 15 cu. yds. Embank. for Road Approach on Rt.
2223+90 - Reg'd 18" x 10" C.M.P. Side Drain and 5 cu. yds. Exc. for Walk Approach on Rt.

Rev. R.O.W. Lt. Sta. 2253 + to Sta. 2263
2-19-54 J.R.W.

Rev. R.O.W. Lt. Sta. 2253 + to Sta. 2263
2-19-54 J.R.W.



FED. ROAD DIST. NO.	STATE	SN. FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	44-A(1)	51	

Rev. R.O.W. Lt. Sta. 2259+ to Sta. 2263+00, 2-19-54, J.R.W.

NORTH - WEST CONNECTION

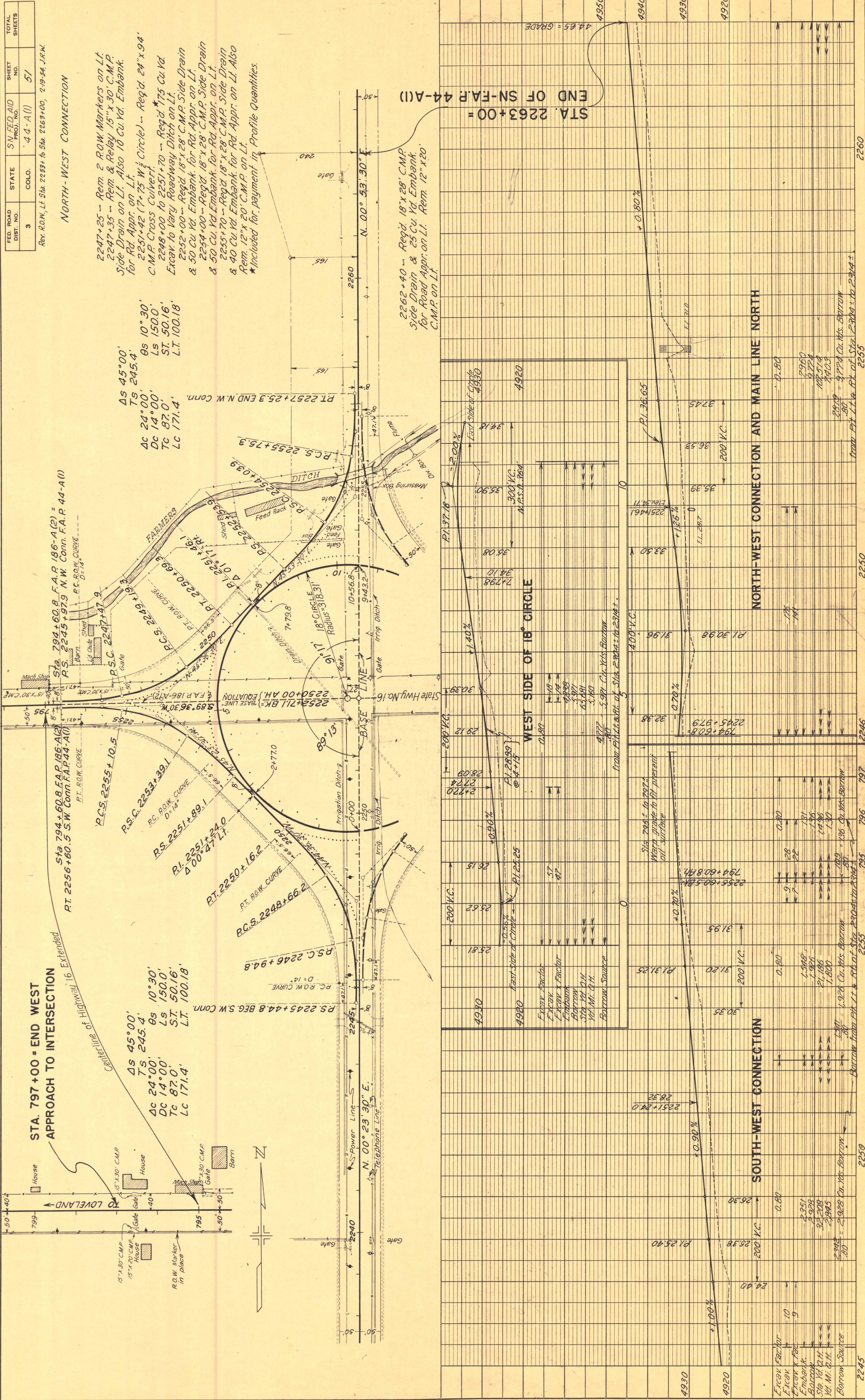
2247+25 - Rem. 2 R.O.W. Markers on Lt.
2247+35 - Rem. & Relay 15"x30" C.M.P.
Side Drain on Lt. Also 10 Cu. Yd. Embank.
for Rd. Appr. on Lt.
2251+42 (7+75 W 1/2 Circle) - Reg'd. 24"x94"
C.M.P. Cross Culvert.
2248+00 to 2251+70 - Reg'd. 175 Cu. Yd.
Excav. to Vary Roadway Ditch on Lt.
2252+00 - Reg'd. 18"x28" C.M.P. Side Drain
& 50 Cu. Yd. Embank. for Rd. Appr. on Lt.
2254+00 - Reg'd. 18"x28" C.M.P. Side Drain
& 50 Cu. Yd. Embank. for Rd. Appr. on Lt.
2255+70 - Reg'd. 18"x28" C.M.P. Side Drain
& 40 Cu. Yd. Embank. for Rd. Appr. on Lt. Also
Rem. 12"x20" C.M.P. on Lt.
★ Included for payment in Profile Quantities.

Δs 45°00'
Ts 245.4'
Dc 24°00'
Ds 10°30'
Ls 150.0'
Tc 87.0'
St 50.16'
Lt 100.18'

PT. 2257+25.3 END N.W. Conn.

2262+40 - Reg'd. 18"x28" C.M.P.
Side Drain & 25 Cu. Yd. Embank.
for Road Appr. on Lt. Rem. 12"x20"
C.M.P. on Lt.

STA. 2263+00 =
END OF SN-FA.R 44-A(1)



PLAN	DATE	BY	DATE	BY	DATE
NOTE BOOK RT. OF WAY CHECKED PLOTTED SURVEYED					

PROFILE	DATE	BY	DATE	BY	DATE
NOTE BOOK GRADES CHECKED PLOTTED SURVEYED					