

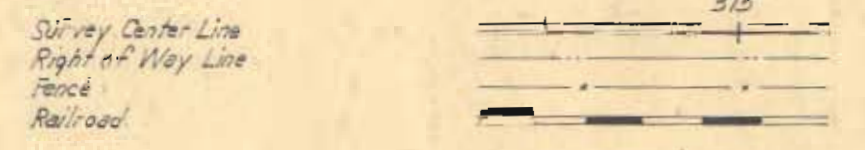
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	281-D	1	1

Revised May 11, 1936 H.C.L.  
" 7, 1937 S.B.L.  
" Aug 16, 1937 A.L.P.

# COLORADO STATE HIGHWAY DEPARTMENT

## PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 281D STATE HIGHWAY NO. 1 BOULDER COUNTY

### CONVENTIONAL SIGNS



### INDEX OF SHEETS

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" 2-X.	List of Structures
" 3.	General Plan and Acutment Details for Bridge, Sta 965+
" 4.	Standard 100' x 20' Truss with Concrete Floor
" 5.	Details for Bridges Sta 361+ and Sta 380+
" 6.	Shores and Culverts
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" 8.	Shel Conc. Box Culverts
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Sheet No. 55 to 57.	Cross Sections of Reservoir Enlargement
Sheet No. 58-A.	Cross Section of Reservoir Enlargement

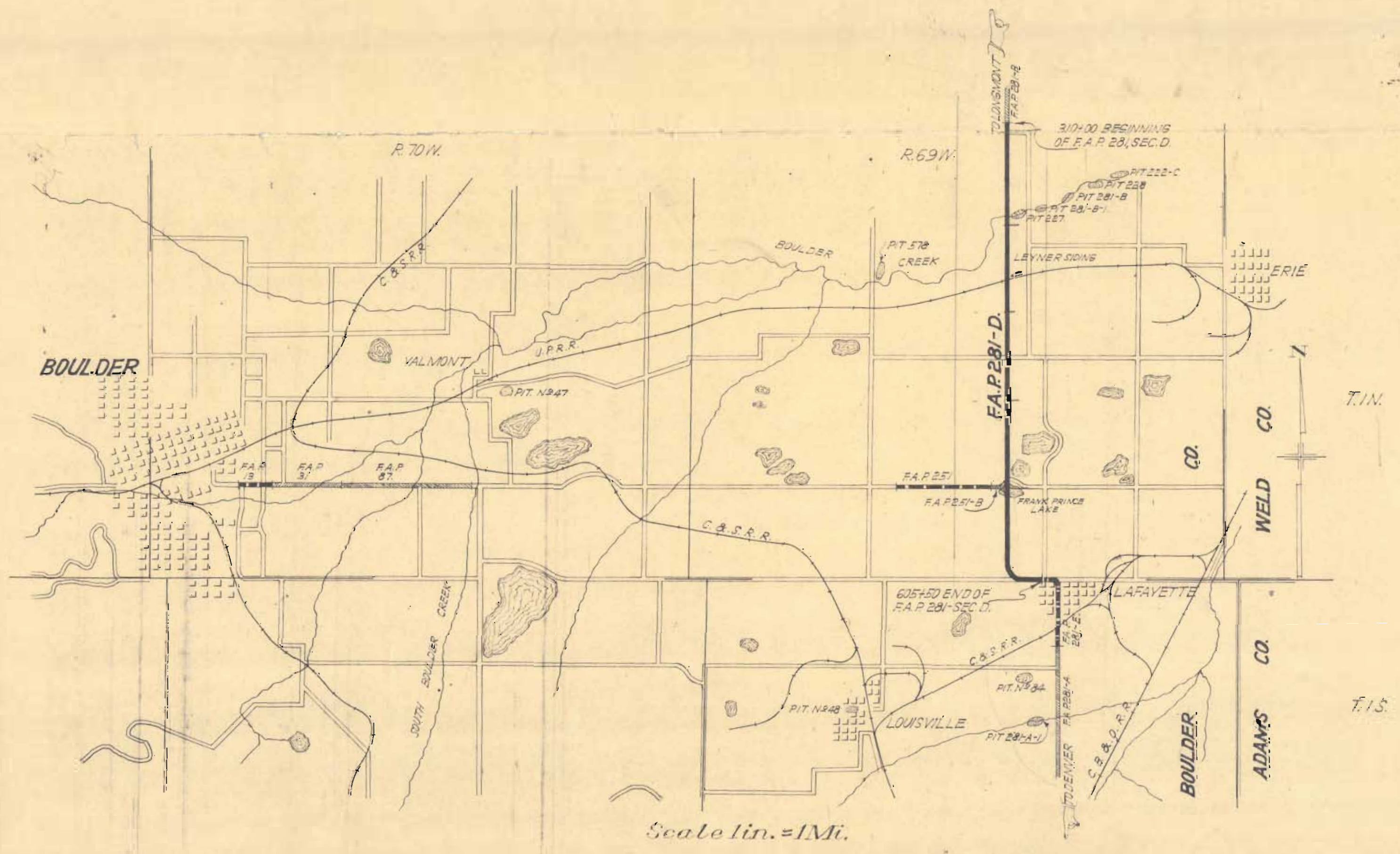
**SCALES**

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 29,510.8 FT. = 5.583 MI.  
NET LENGTH OF PROJECT 29,501.6 FT. = 5.587 MI.

*Greeley*



RECOMMENDED FOR APPROVAL

APPROVED

RECOMMENDED FOR APPROVAL

RECOMMENDED FOR APPROVAL

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CHIEF ENG. BUREAU PUBLIC ROADS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLORADO	281-D	15	

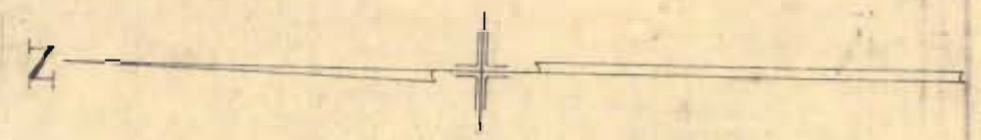
Rev. May 20, 1926, H.C.L.  
" " " 1927 S.B.L.  
Const. Div. Rev. 25 constructed 12-8-27.

S.E. 1/4 SEC. 3  
T. 1 N. R. 69 W.

N.E. 1/4 SEC. 10  
T. 1 N. R. 69 W.

PRESENT ROAD TO DENVER

TO BOULDER



SARA WISE  
316+01 to 329+37  
30' R.O.W. REQD.  
0.89 ACRES.

BEET FIELD

ALFRED GUSTAFSEN  
329+37 to 342+54  
30' R.O.W. REQD.  
0.9 ACRES.

315+85 to 316+20 66 Cu. Yds. of Borrow  
taken from side of present road.

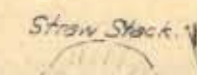
50° 01' W

IRRIS DITCH  
F.A.P. 281-B  
TO LONGMONT

312+30 Req. 15x20 C.M.P.  
with 28' Timber Header  
GATE

316+00 Req. 2-80'  
timber headers, 50  
cu yd borrow etc.

316+30 Req. 1.5x1.5x50'  
Conc. Box Culv.



322+50 to 329+35 Req. to move  
irrig. ditch to East of Right of Way.

329+37 Req'd. Remove 30' wire fence.

337+55 Req'd. 15x20 C.M.P.  
Side Drain and 28' Header

336+80 to 342+50. Req. to move irrig.  
ditch to East of Right of Way.

30  
PI. 310+00.  $\Delta = 0^\circ 47' L$

PI. 315+00  
 $\Delta = 1^\circ 21' R$

320

325

330

335

340

No P.I.

312+20 Req. 15x20 C.M.P.  
and 28' timber header

315+65. 18' encased  
tile culv. to remain  
in place.

316+55 Req'd. 2-15x20 C.M.P.  
Side Drains and 2-28' Headers.

322+85 Req'd. 2-15x20 C.M.P.  
Side Drains and 2-28' Headers.

322+60 Req. 1.5x1.5x30'  
Conc. Box Culv.

329+32 Req. 18x52  
C.M.P. Siphon, H=1.0

329+10 Req'd. 15x20 C.M.P.  
Side Drain and 28' Header

337+60 Req'd. 15x20 C.M.P.  
Side Drain and 28' Header

336+63 Req. 24x70 C.M.P. Siphon H=1.0

329  
315+00  
14 00

329+37 to 361+26 Req. 3189 lin. ft.  
of new barbed wire fence on left.

329+37 to 342+54 Req'd. Remove 1317'  
wire fence.

316+40 to 329+37 on left, and on right  
316+40 to 342+54 Req. 3930 lin. ft. of new  
barbed wire fence to be built by State forces.  
(along the Wise Property).

SARA WISE  
316+01 to 342+54  
30' R.O.W. REQD.  
1.8 ACRES.

329+35 to 336+80. Req. to move  
irrig. ditch to West of right of way.  
54 cu yds. emb. etc. required.

All fences encroaching on Right of Way are to be removed and new fences are to be rebuilt along Right of Way lines. Buildings or other obstructions on Right of Way are to be removed.

S.W. 1/4 SEC. 3  
T. 1 N. R. 69 W.

N.W. 1/4 SEC. 10  
T. 1 N. R. 69 W.

F.A.P. 281, SECTION B.  
F.A.P. 281, SECTION D.

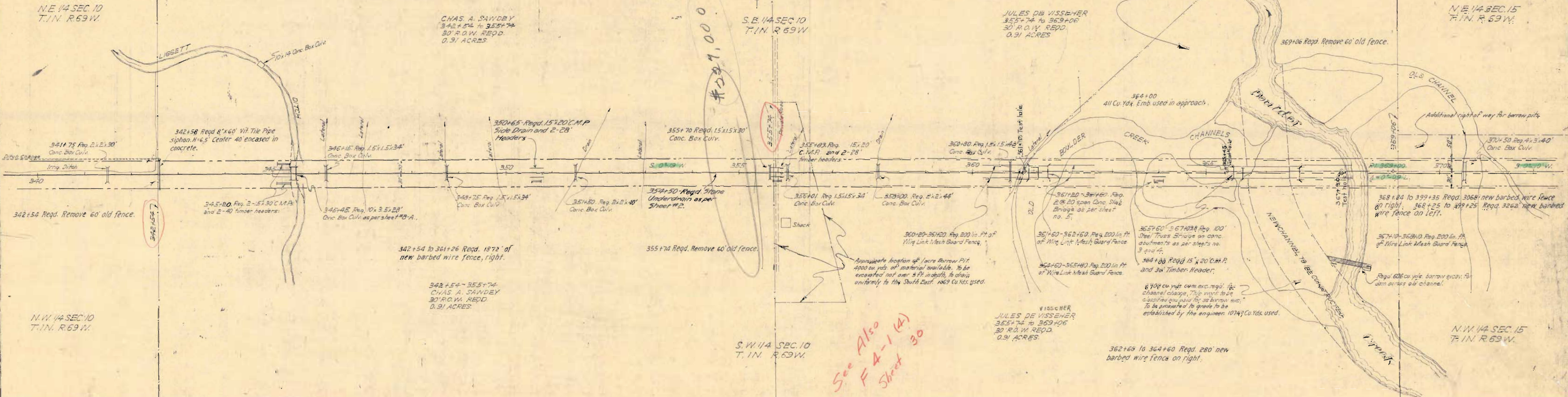
NOTE BOOK  
NO. \_\_\_\_\_  
PLOTTED  
ALIGNMENT CHECKED  
RT. OF WAY CHECKED  
H.C. Lindquist, 1925

FED. ROAD DIST. NO.	STATE	FED. RD. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	281-D	16	

Revised May 11, 1926  
 20, 1926 H.C.L.  
 7, 1927 S.B.L.  
 Const. Div. I Rev as constructed. 12-8-27 H.O.W.

DATE	BY

PLAN  
 SURVEY ALIGNMENT CHECKED  
 NOTE BOOK RT. OF WAY CHECKED  
 NO.









ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
3	COLO.	281-D	20

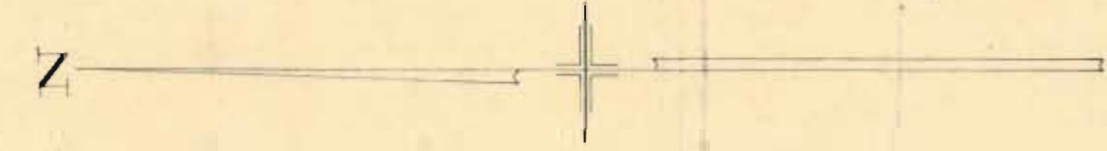
Rev. 5-7-27 S.B.L.  
Const. Div. 1 Rev. as constructed. 12-8-27.

SE 1/4 SEC. 22  
T. 1 N. R. 69 W.

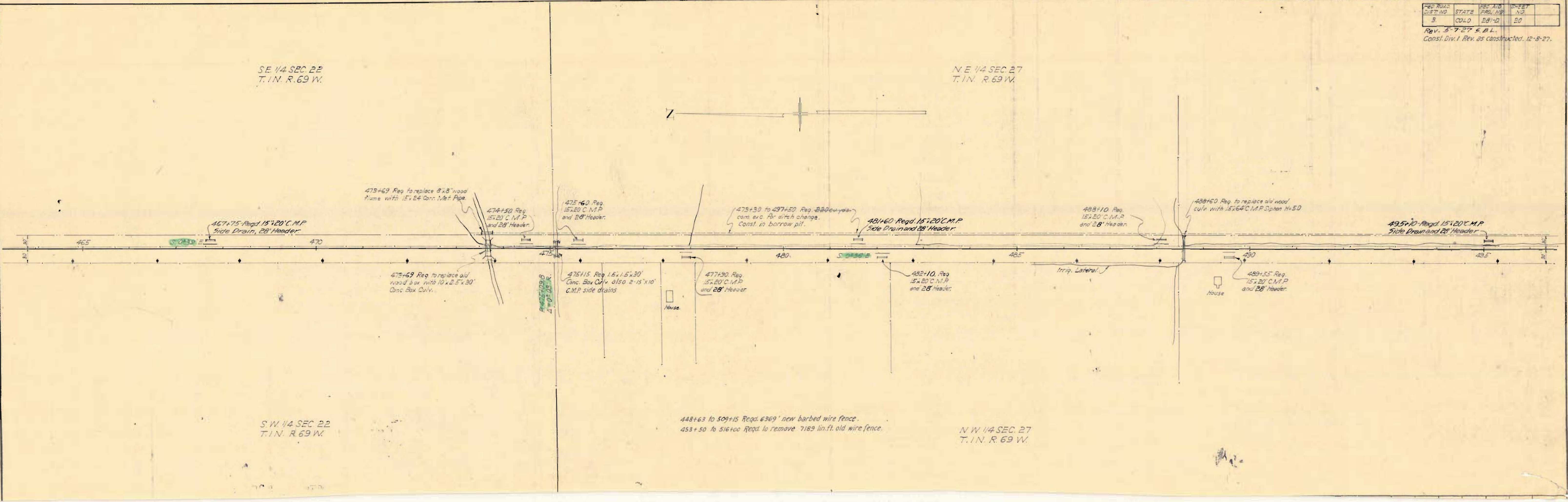
NE 1/4 SEC. 27  
T. 1 N. R. 69 W.

SW 1/4 SEC. 22  
T. 1 N. R. 69 W.

NW 1/4 SEC. 27  
T. 1 N. R. 69 W.



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



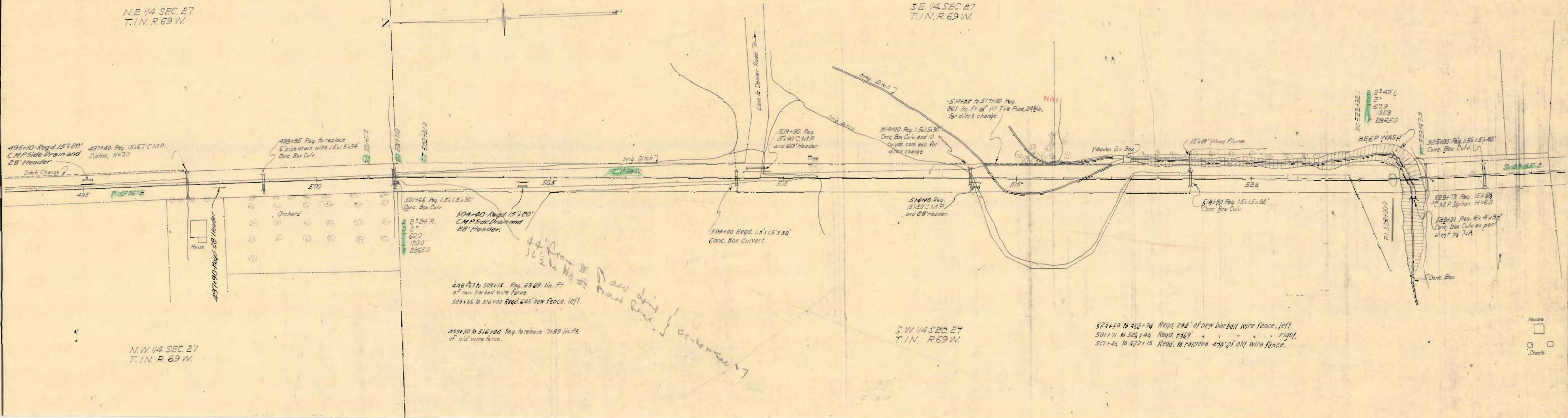
N.E. 1/4 SEC 27  
T.1N. R. 69 W.

S.E. 1/4 SEC 27  
T.1N. R. 69 W.

N.W. 1/4 SEC 27  
T.1N. R. 69 W.

S.W. 1/4 SEC 27  
T.1N. R. 69 W.

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



*44' from Raw dirt road  
16' from Road*

448+33 to 509+15 Req. 6369 lin. ft. of new barbed wire fence.  
509+55 to 516+00 Req. 645' new fence, left.

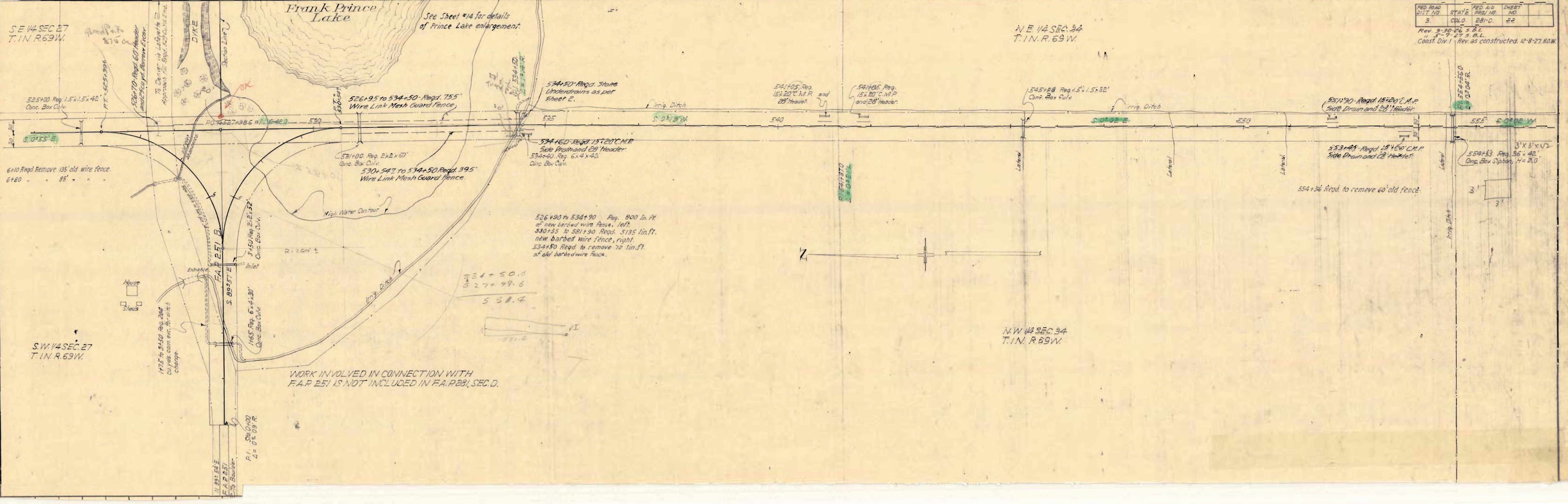
453+50 to 516+00 Req. to remove 7189 lin. ft. of old wire fence.

523+50 to 526+34 Req. 284' of new barbed wire fence, left.  
501+71 to 525+46 Req. 2369' " " " " " " right.  
517+45 to 522+15 Req. to remove 478' of old wire fence.

House  
Sheds

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
3	COLO.	E81-D	22

Rev. 3-30-26 S.B.L.  
 " 5-7-27 S.B.L.  
 Const. Div. 1 Rev. as constructed. 12-8-27.H.W.



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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
3	COLO.	281-D	23

Rev. 5-7-27 S.B.L.  
Const. Div. I Rev. as constructed. 12-6-27 H.O.W.

Measured past Equation  
Straight Thru

Stations Continuous  
No Eq. on Survey" 25.M Crew.

EQUATION PT. 584+26.8 Back.  
= 584+56.0 Ahead.

N.E. 1/4 SEC. 3  
T. 1 S. R. 69 W.

NOTE:-  
From Sta. 574+95.1 to Sta. 584+96.0 the grade line shown on profile is 0.125 ft. above inside edge of pavement. Between Sta. 575+55.1 and Sta. 583+96.8 the pavement is to be widened 3 ft. on the inside edge, and is to be super-elevated 1.3 ft. The section between these stations is to be standard except that a flat crown is to be used. The transition from the standard crown to the super-elevated section is to proceed gradually from Sta. 574+95.1 to Sta. 575+55.1 and from Sta. 584+96.0 to Sta. 583+96.8.

N.E. 1/4 SEC. 34  
T. 1 N. R. 69 W.

S.E. 1/4 SEC. 34  
T. 1 N. R. 69 W.

N.W. 1/4 SEC. 34  
T. 1 N. R. 69 W.

S.W. 1/4 SEC. 34  
T. 1 N. R. 69 W.

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

554+53 Req. 36" x 42" Conc. Box Siphon, H=2.0'

P.I. 554+50  
D=0+04 R.

554+56 Req. to remove 60ft. of old fence.

562+50 Req. 15" x 15" x 34" Conc. Box Culv.

567+60 Req. 15" x 20" C.M.P. and 28" Header

567+60 Req. 15" x 20" C.M.P. and 28" Header

567+80 Req. 15" x 61" Siphon H=3.0'

567+78 Req. to remove 60' old fence.

570+65 Req. 4" x 3" x 50" Conc. Box Culv.

571+40 Req. 15" x 20" C.M.P. Side Drain and 28" Header.

575+20 to 584+06 Req. 886' new barbed wire fence.  
575+ Req. to remove 225' old fence

580+10 Req. 28" Header

577+65 Req. 15" x 20" C.M.P. Side Drain and 28" Header

582+00 Req. to remove 8 trees. Approximate diameter 8".

581+ to 584+ Req. to remove 250' of old fence

Δ 90° 10'  
10.5747  
10.5747  
L R 5730

580+40 Req. 28" Header.

580+25 Req. 15" x 16" C.M.P. Siphon H=2.0'

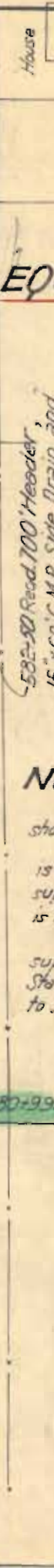
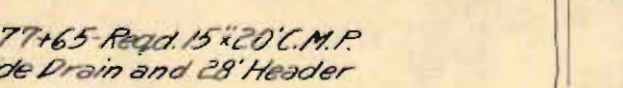
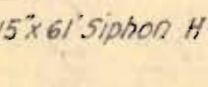
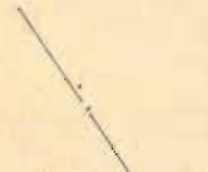
582+80 Req. 100' Header.  
15" x 60" C.M.P. Side Drain and 3/8 Cu. Yds. Borrow along side of road and 159 Cu. Yds. Emb. in approach.

BASE LINE ROAD

P.I. 580+99.8

TO BOULDER

N.W. 1/4 SEC. 3  
T. 1 S. R. 69 W.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
9	COLD	EB 1-D	EA

Rev. 3-30-36 H.C.L.  
5-7-27 S.B.L.  
Const. Div. Rev. as constructed. 12-8-27 H.O.M.

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

