COLORADO
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
FEDERAL AID INTERSTATE PROJECT NO. I-25-3(32) 283
STATE HIGHWAY NO. 185
LARIMER AND WELD COUNTIES.

INDEX OF SHEETS

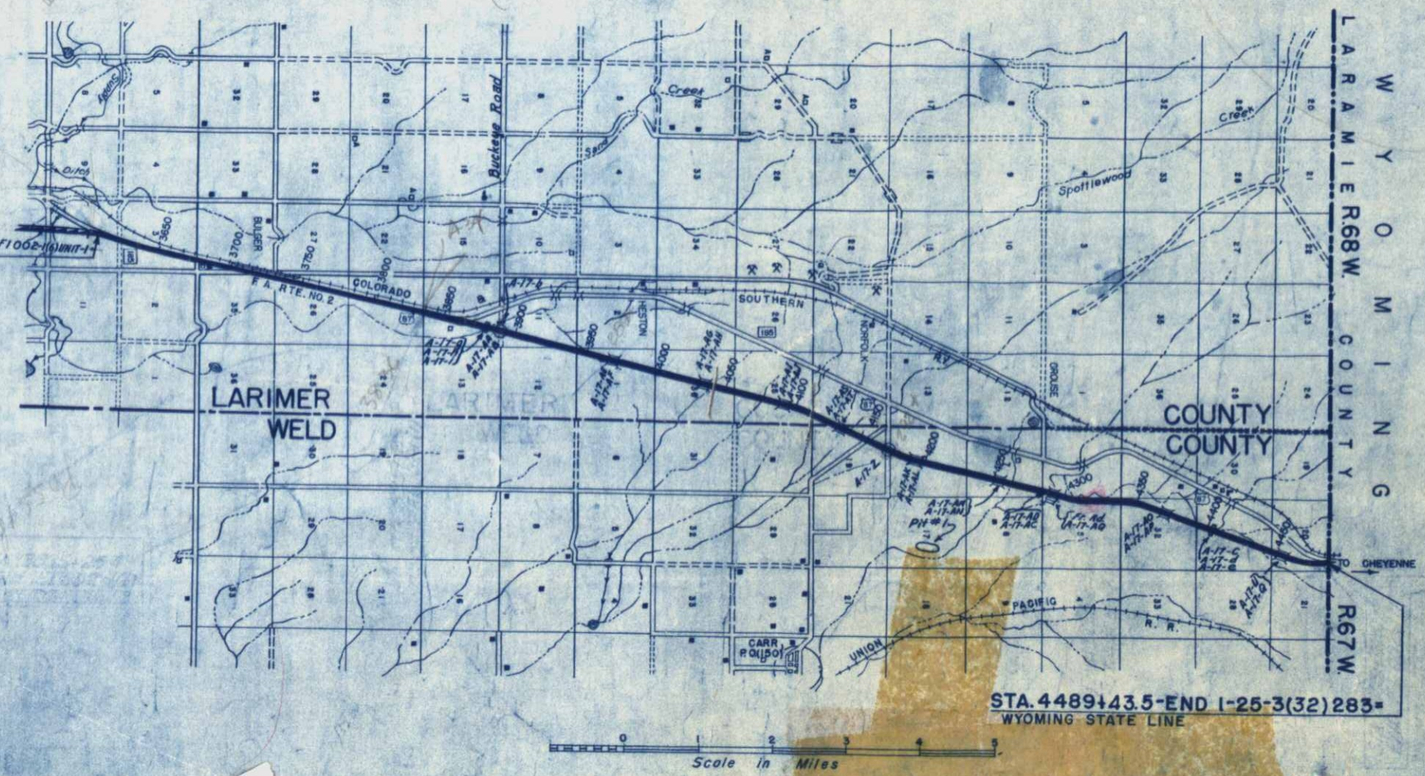
(For Index of Sheets see Sheet No. 1a)

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 } 89,047.5 Lin. Ft. = 16.865 Mi.
NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS
CENTER LINE OF SURVEY
RIGHT OF WAY LINES
COUNTY LINE
TOWNSHIP LINES
SECTION LINES
ONE QUARTER SECTION LINES
BARBED WIRE FENCE
COMBINATION WIRE FENCE
TELEPH. & TELEG. LINE
POWER LINE
C. of A. LINE (CONTROL OF ACCESS)
ACCESS DENIED BY DEED — 24' OP. OP=OPENING 16' OP
RAILROAD
ACCESS POINTS (Freeways)

AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN

NOTE:
See Special Provisions for Notice to Bidders



COLORADO
DEPARTMENT OF HIGHWAYS
RECOMMENDED FOR APPROVAL
ASSISTANT ENGINEER
APPROVED: Mark T. Watrous 7-2-6
STATE CHIEF ENGINEER DATE

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

R.S.M.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32) 283	104	

S.W.1/4 SEC.10, T.9N. R.68W. | N.W.1/4 SEC.10, T.9N. R.68W. | S.E.1/4 N.W.1/4 SEC.10, T.9N. R.68W. | N.E.1/4 N.W.1/4 SEC.10

To Wellington

Δ = 27°09' L
D = 3°
L = 461.2
T = 240.0
R = 1910.0

P.C. 3586 + 92.2

"G" LINE SURVEY

U.S. H'WY. 87

PI. 3585 + 99.5 L-LINE
PI. 3591 + 53.4 ORIGINAL LINE

P.O.S.T. 3577.6 Back of P.T. 3592 + 01.8

20' B.W. GATE

P.T. 3594 + 97.2
P.O.S.T. 1457 Bk. P.T. L-LINE

3589+00
24" x 44' RCCP
(Front. Rd)

3600+00-Req'd
24" x 50' Cross Culv't
(S.B. Lane) & Ditches.
24" x 44' R.C.P. under
Frontage Rd, Rt. & Ditches

N 39°30' E

TO WELLINGTON & DENVER

103°58'

P.C. 3579 + 92.6

Δ = 12°05'30" R.
D = 1°
T = 606.9
L = 1209.2
R = 5730
Hor. S.D. > 1300'

N 89°47' E.
2951.9' to E.1/4 Cor. Sec. 10

P.T. 3592 + 01.8 Bk. L-LINE = ORIGINAL LINE
P.O.T. 3597 + 42.9 Ah.

EQUATION

SIGN

N 13°45' E.

Speed Limit Sign

E.H. Sign

Proj. W.E.

P.O.T. 3608 + 36.5
N 89°48' E.

76°03'

ORIGINAL LINE

Frontage Road

Warren Air Force - Buried Cable

APPROACH TO PROJECT
Shall be a gradual transition from 2 Lane to 4 Lane over a distance of 1000 feet as staked by the Engineer

STA. 3599+00
BEGIN. I-25-3(32) 283=
END F.I.002-1(6) UNIT 1.

3599 - Req'd Appr. to Proj.
3605 to 3608 + 00 18" x 52' RCCP 5D.

3599+ - Req'd Identification Sign, Rt.

3599 - to 3891+ - Req'd Frontage Rd, Rt.

3608+70
18" x 30' RCCP 5D.

2653.8' To S.E. Cor. N.E. 1/4 N.E. 1/4 Sec. 10

3611+00 - Req'd 24" x 48' Cross Culv't (S.B. Lane) & Ditches.

No S.R

NOTE:

Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for the convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction, the grading plan shown on plans will be modified where necessary to secure dense, stable embankments.

N.E.1/4 SEC.10, T.9N. R.68W. | S.W.1/4 N.E.1/4 SEC.10, T.9N. R.68W | N.W.1/4 N.E.1/4 SEC.10, T.9N. R.68W.

No. 1 - A-6(6)
L.L. = 29.4
P.I. = 15.1
%-200 = 53
C.B.R. = 2.9

No. 2 - A-6(6) Similar to #1

5420
5410
5400
5390

200' P.C.

05.55
06.36
07.23
07.71
07.71

+0.9215 %

+0.75 %

+0.49 %

P.I. 5411.02

P.I. 5404.30

P.I. 5418.37

#30 = 29 A

EL. 93.5

EL. 95.9

EL. 05.2

EL. 11.3

09.77
10.90
12.00

400' V.C.
N.P.S.D. = >1300'

3592 + 01.8 "L" LINE Bk. = 3597 + 42.9 EXISTING LINE Ah. EQUATION

	3580	3585	3590	3600	3605	3610	3615
EXCAV.				2	127	369	
EXCAV. x FACTOR				2	105	306	
EMBANKMENT					543		1010
EXCAV. FACTOR						0.83	
EXCAV.						14,298	
EXCAV. x FACTOR						11,867	
EMBANKMENT						10,729	
STA. YD. OH.						28,380	
YD. MI. OH.						134	
ADD. UNCL. EXC.							
SOURCE							

FRONT ROAD

PLAN
DATE POST 1/7/65
NO. 13271
SURVEYED
PLOTTED
ALIGNMENT CHECKED
BK. OF NOT CHECKED

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. - NGVD ELEVATIONS ON MSL
BK. 2960
NO. 29607

DATE

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32) 283	105	

N.W.1/4 SEC.10, T.9N. R.68W. S.W.1/4 SEC.3, T.9N. R.68W.

N.E.1/4 SEC.10, T.9N. R.68W. S.E.1/4 SEC.3, T.9N. R.68W.

N

3631+ to 3634+ - Adjust Median to drain Bk.

(3635+40) 3634+38 Rem. Dble 36" CMP Req'd 30"x25" x Clvt. Both Lanes & Fr. Rd w/12" & 6" Connections for Median Inlets

3634+38 - Rem. Dble 36" C.M.P. Req'd 54"x254' Cross Culv't under both Lanes & Frontage Rd. Rt. with "T" Connections for Median Inlet and Inlet bet. N.B. Lane & Fr. Rd. Ditches (W-4) (Details on Sh. 13)

36" x 60' C.M.P. IN PLACE

3634+56 - Req'd Type "B" Conc. Inlet (H-48) in Median and Type A Conc. Inlet (H-48) bet. N.B. Lane & Fr. Rd with 18"x16' Connections to 54" Cross Culv't (Sta. 3634+38) (Details on Sh. 13) Adjust Ditches to Drain.

W.O 7 Change to Single 36

36" x 60'

41+ New location 54" x Culv.

C.&S. R.O.W.

100'

24' Gate

20' Gate

6'x8' Sign

10'x12' Sign

75'

150'

3615 3620 3625 3630 3635 3640 3645

N.13° 45' E

EXISTING MAIN LINE

N.13° 46' E.

104°20'

24' GATE

20' GATE

178'

181'

187'

Frontage Road

Cable Mkr. Post

Warren Air Force - Buried Cable

Cable Mkr. Post

Cable Mkr. Post

3622+00 - Req'd 24"x60' Cross Culv't (So. B. Lane) & Ditches.

54

3622+15 18"x32' RCCP S.D.

PI 3622 + 18.2 Δ 0°11' Rt.

N.89° 25' E.

2342' to N.E. Cor. T.9 Sec.10

3623+40 18"x32' RCCP S.D.

3636+ to 3643+ - Adjust Borrow Ditch bet. N.B. Lane & Frontage Rd to Drain Back.

3642+41 54"x254' RCCP Both Lanes & Frontage Rd w/Connect for Median outlets

arroyo

No. 5 R.

W.O - 07C

No. 1 = A-6(6)
L.L. = 29.4
P.I. = 15.1
%-200 = 53
C.B.R. = 2.9

No. 3 = A-6(6) Sim. to #1

No. 4 = A-6(6) Sim. to #1

No. 5 = A-6(6) Sim. to #1

5440 5430 5420 5410

-0.49 %

+0.60 %

+0.5125 %

#3 #4 #5

0 FL=17.8

0 FL=14.8

PI 5418.37 (No V.C.)

PI 5427.37 (No V.C.)

	3615–3620	3620–3625	3625–3630	3630–3635	3635–3640	3640–3645
EXCAV.	2	259		882	14	
EXCAV. x FACTOR	2	215		732	12	
EMBANKMENT	13		105		3714	3495
EXCAV. FACTOR	0.83			0.83		0.83
EXCAV.			28,385		207	
EXCAV. x FACTOR			23,559		172	
EMBANKMENT	5			20,853		
STA. YD. OH.			144,876			
YD. MI. OH.			65			
ADD. UNCL. EXC.						
SOURCE						

FRONT ROAD

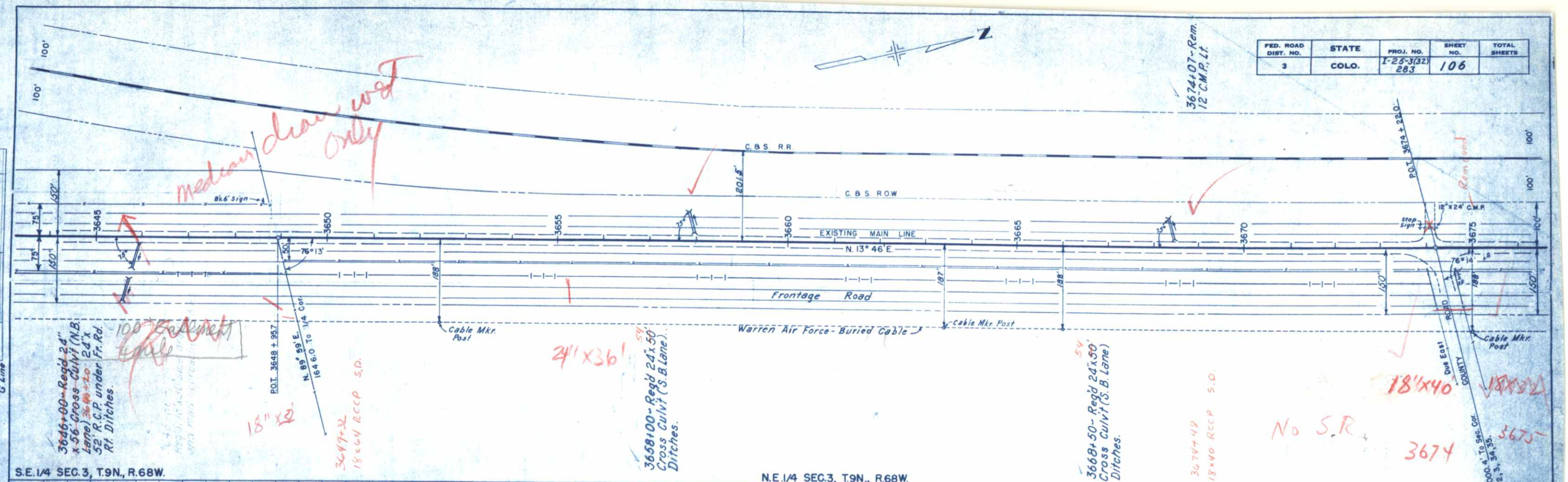
PLATE I-PLAN-PROFILE B. P. R. STANDARD

EUGENE DIETZGEN CO., Chicago-New York

PLAN: SURVEYED, PLOTTED, DRAWN, CHECKED, NO. OF WAY CHECKED, NOTE BOOK, No. 1327 1, BY, DATE

PROFILE: SURVEYED, PLOTTED, DRAWN, CHECKED, STRUCTURE NOTES TO, NOTE BOOK, No. 17264, BY, DATE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32) 283	106	



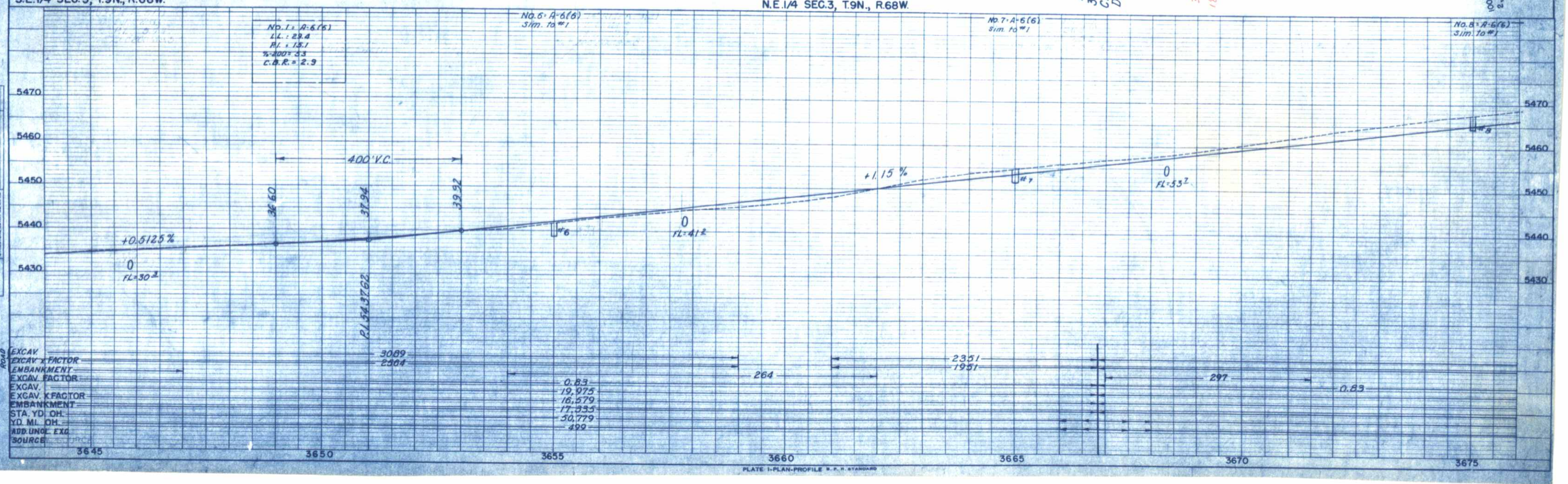


PLATE I-PLAN-PROFILE B.P.R. STANDARD

S.E. 1/4 SEC. 34, T.1 0N. R.68W.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	107	

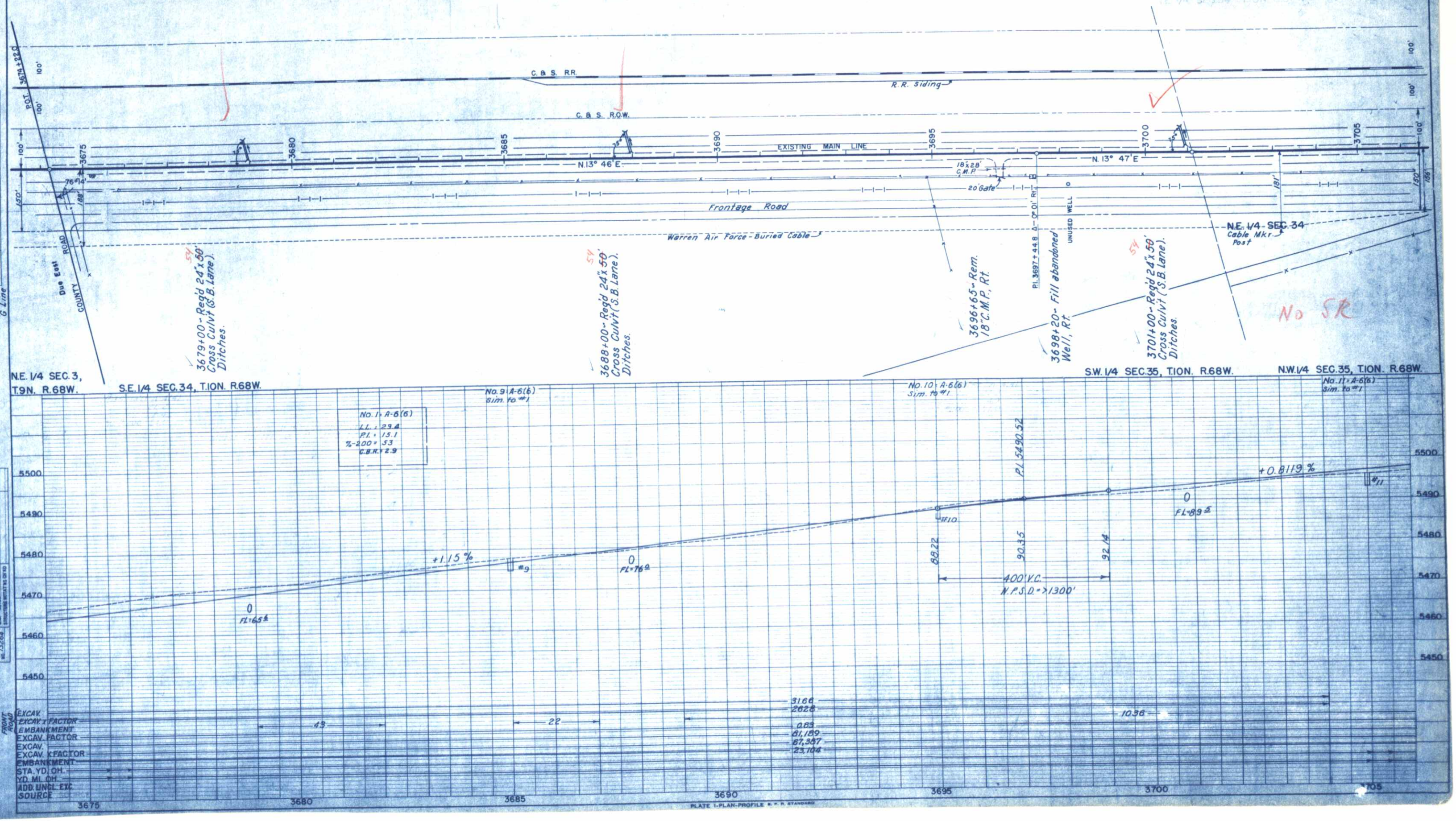


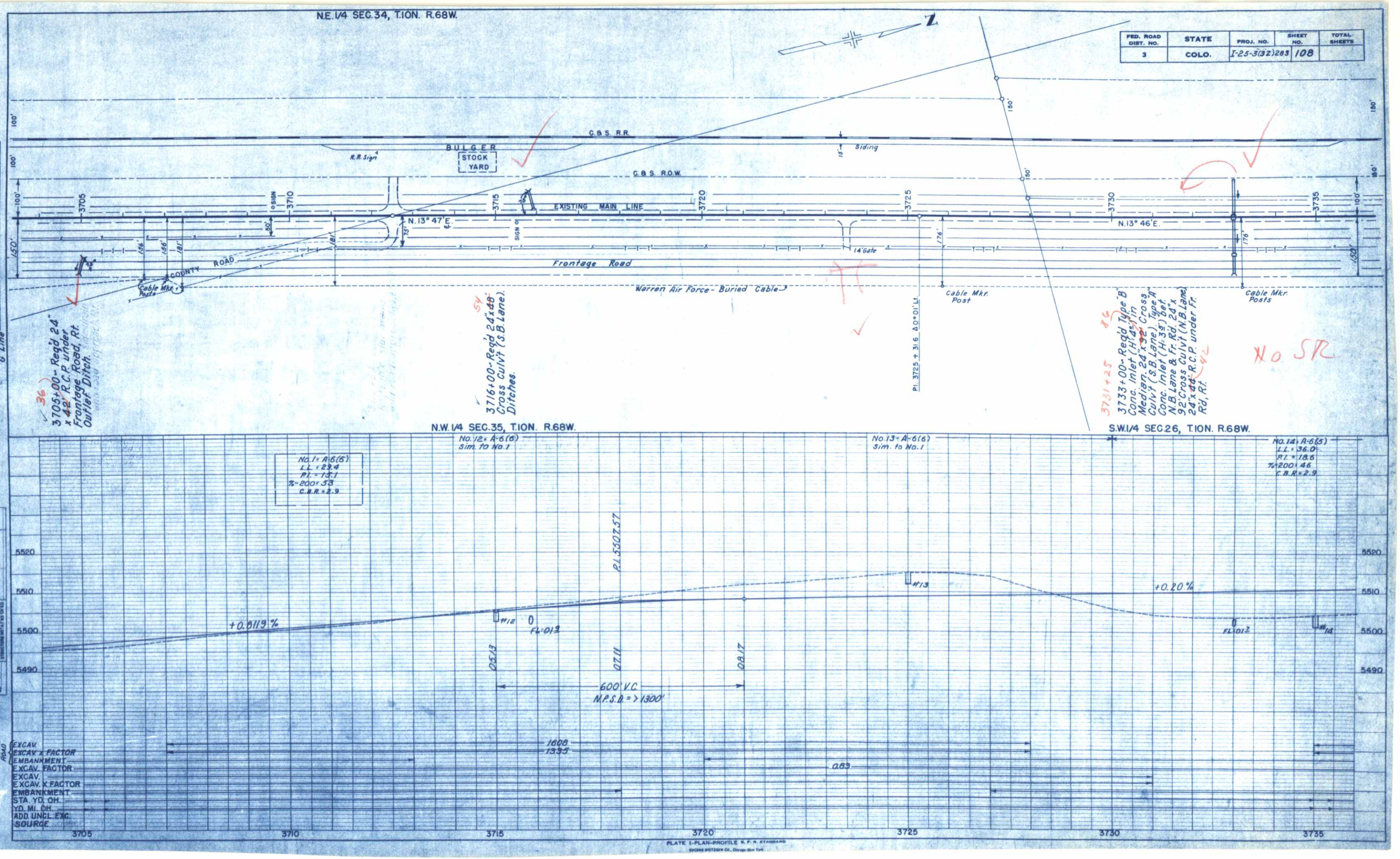
PLATE 1-PLAN-PROFILE R. P. R. STANDARD

PLAN NOTE BOOK NO. 1327 | SURVEYED | PLOTTED | R.L. OF BLKS CHECKED | R.L. OF BLKS CHECKED | BY | DATE

PROFILE NOTE BOOK NO. 1326 | SURVEYED | PLOTTED | GRADES CHECKED | B.M.'s SETTED | STRUCTURE NOTES TO CO'TD | BY | DATE

FRONT ROAD

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	108	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	109	

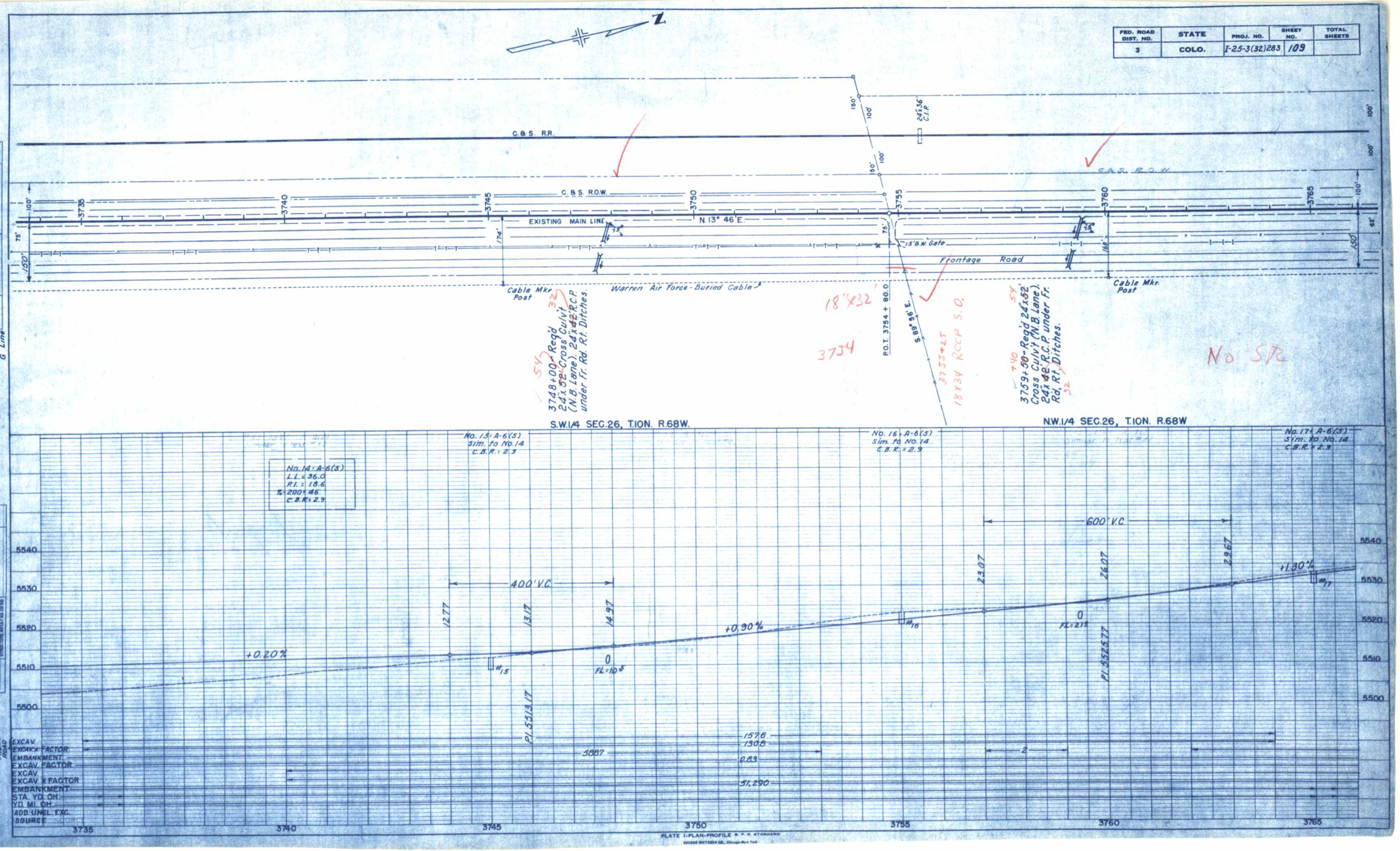


PLATE I-PLAN-PROFILE A. P. W. STANDARD

EUGENE DIETZGEN CO., Chicago-New York

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	110	

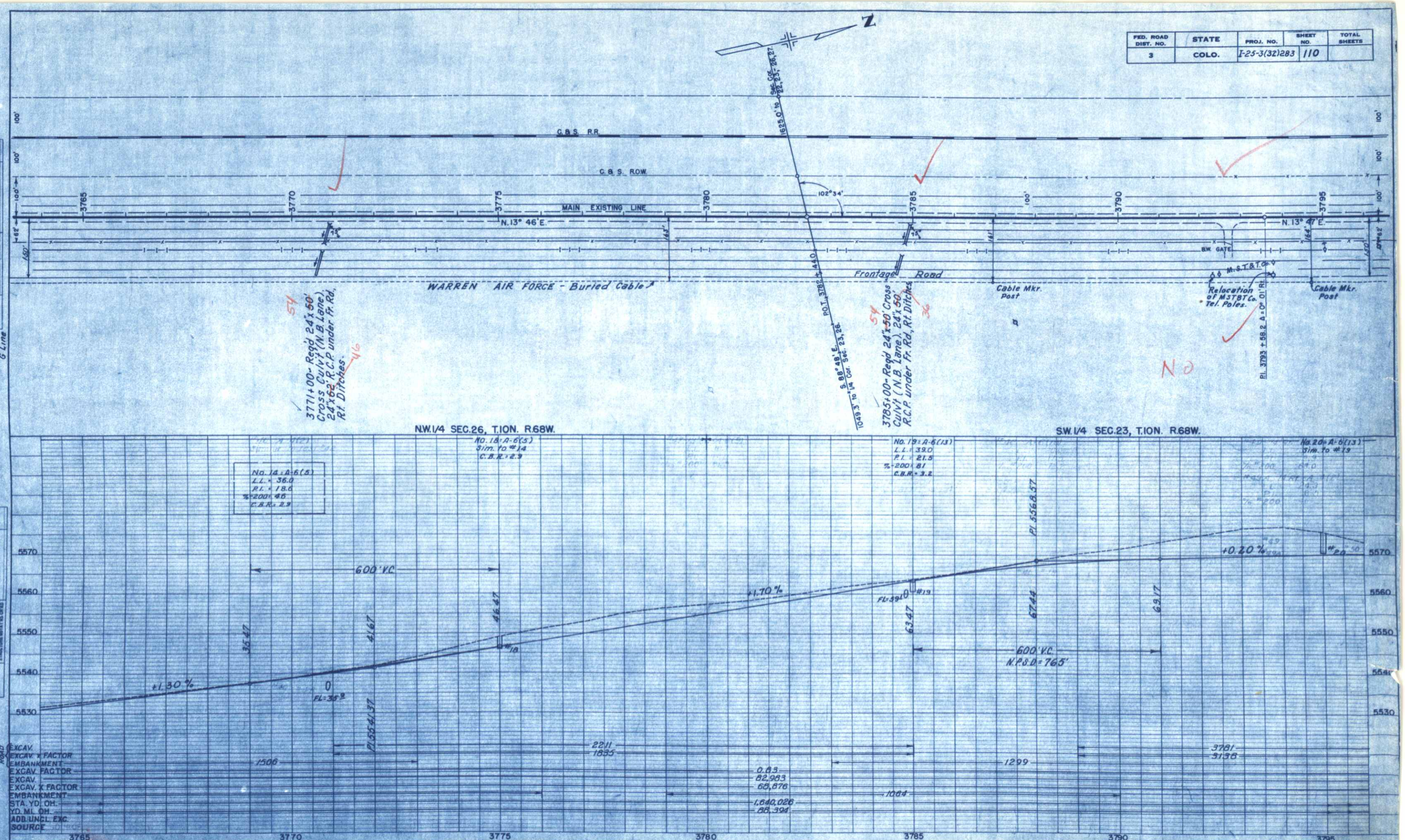


PLATE I-PLAN-PROFILE B.P.R. STANDARD

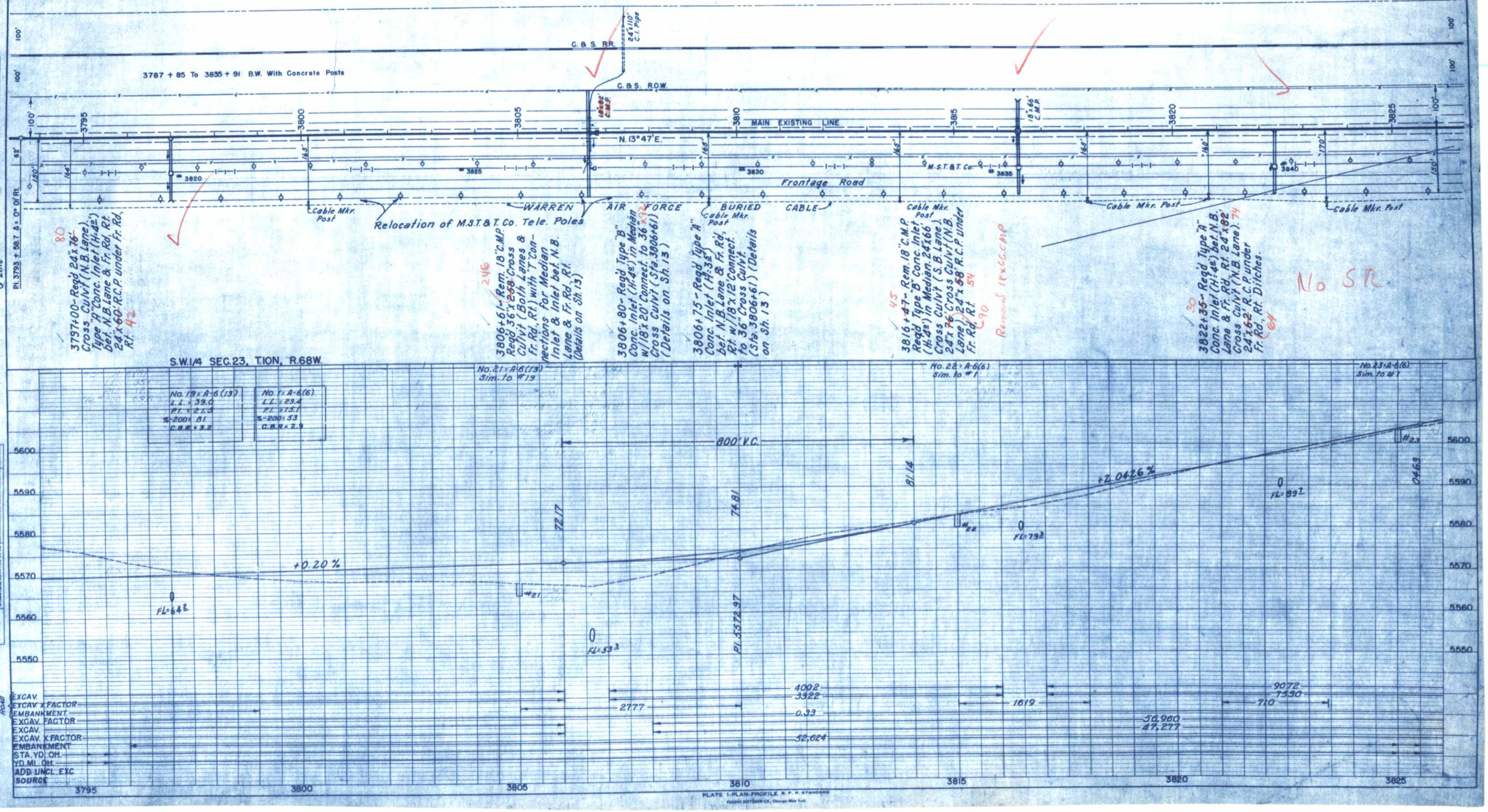
EUGENE DIETZGEN CO. Chicago-New York

"G" Line

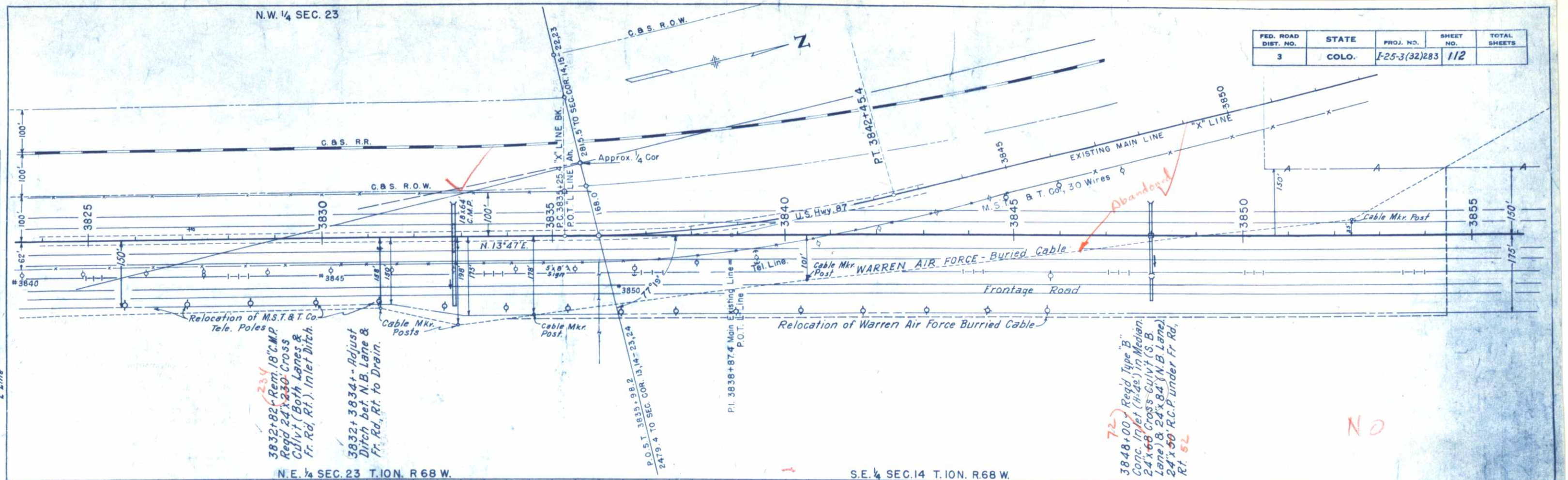
PLAN: SUBMITTED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK, NO. 13271, BY, DATE

PROFILE: SUBMITTED, PLOTTED, GRADES CHECKED, B.M.'S NOTED, STRUCTURE NOTATIONS CHECKED, NOTE BOOK, NO. 13264, BY, DATE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	111	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	112	



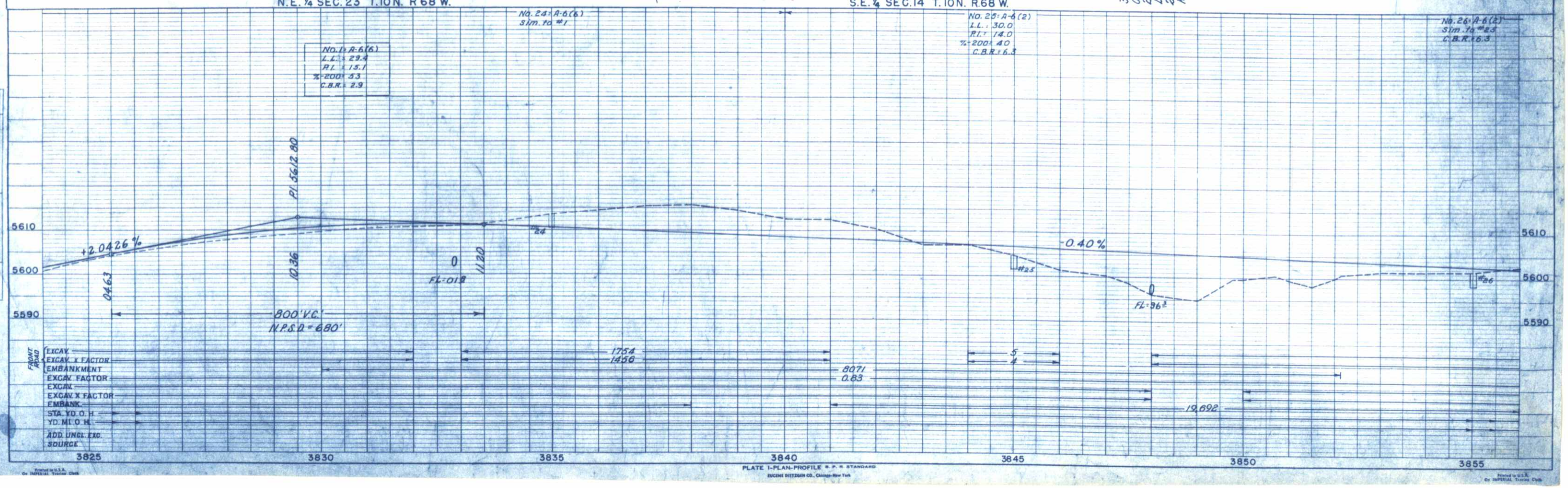


PLATE 1-PLAN-PROFILE R. P. H. STANDARD

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK, NO. 13605

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M.'s NOTED, STRUCTURE NOTATIONS CHECKED, NOTE BOOK, NO. 13608

"L" Line

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	113	

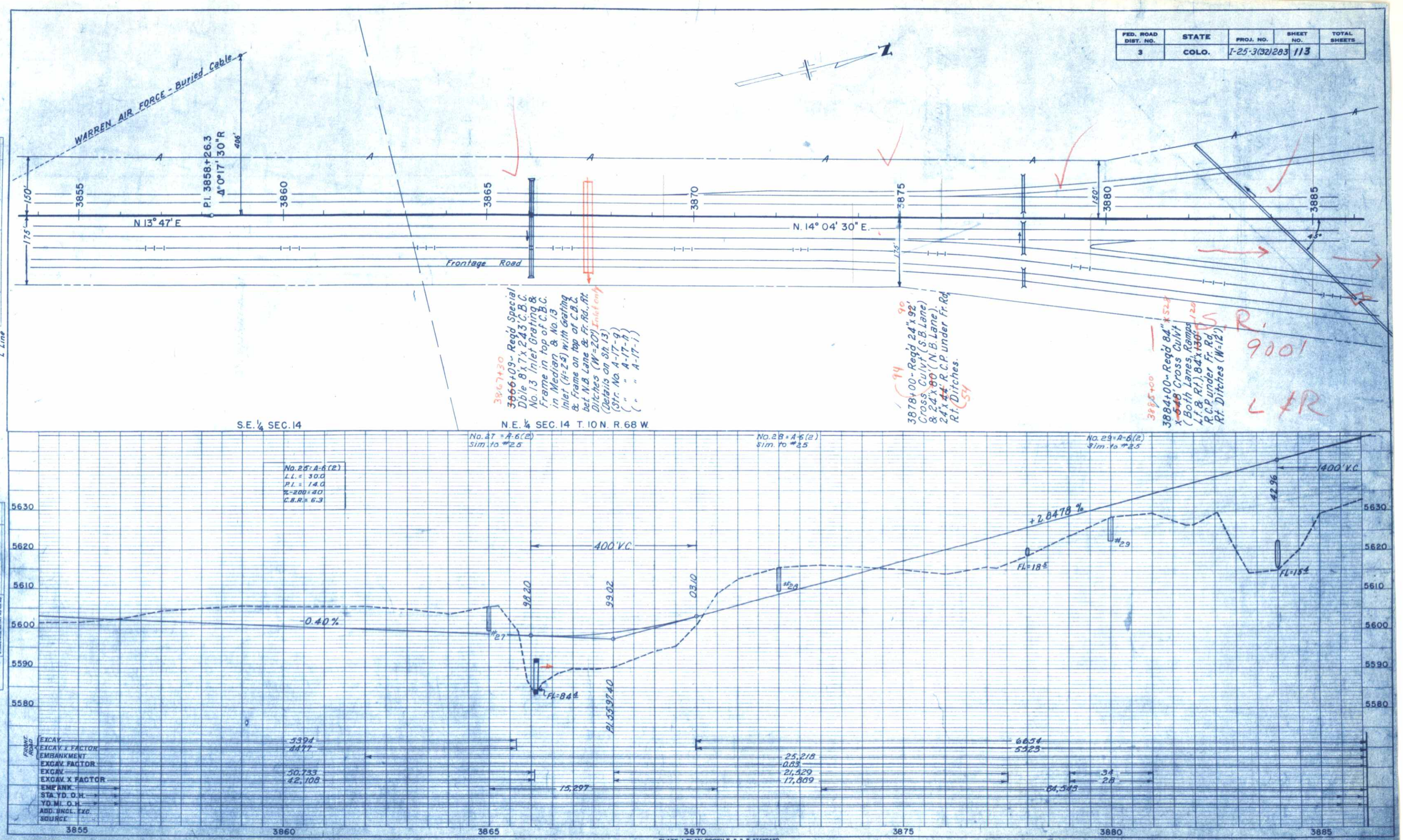


PLATE I-PLAN-PROFILE B. P. R. STANDARD

EUGENE DIETZGEN CO. Chicago-New York

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	114	

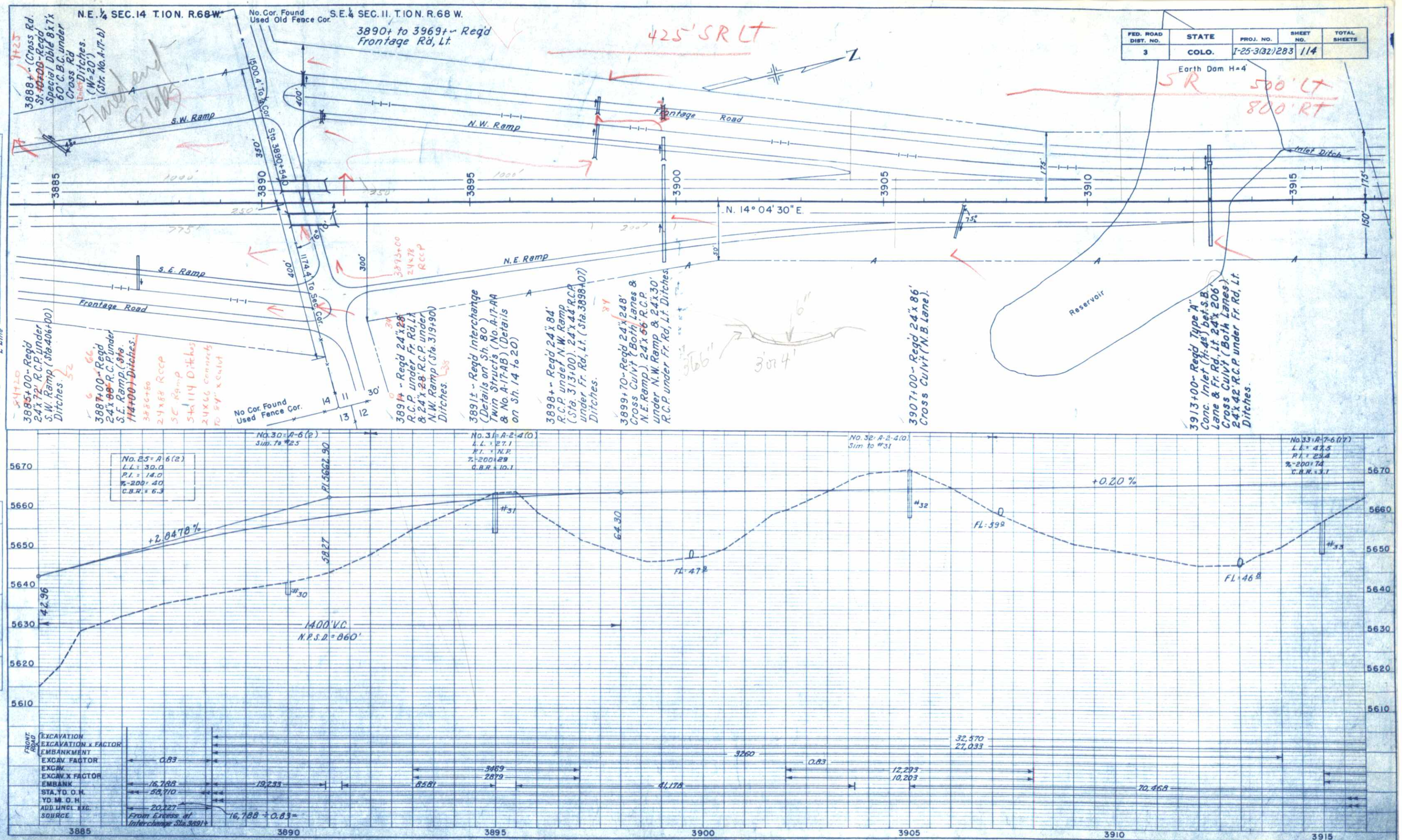


PLATE I-PLAN-PROFILE B. P. R. STANDARD

EUGENE DIETZGEN CO., Chicago-New York

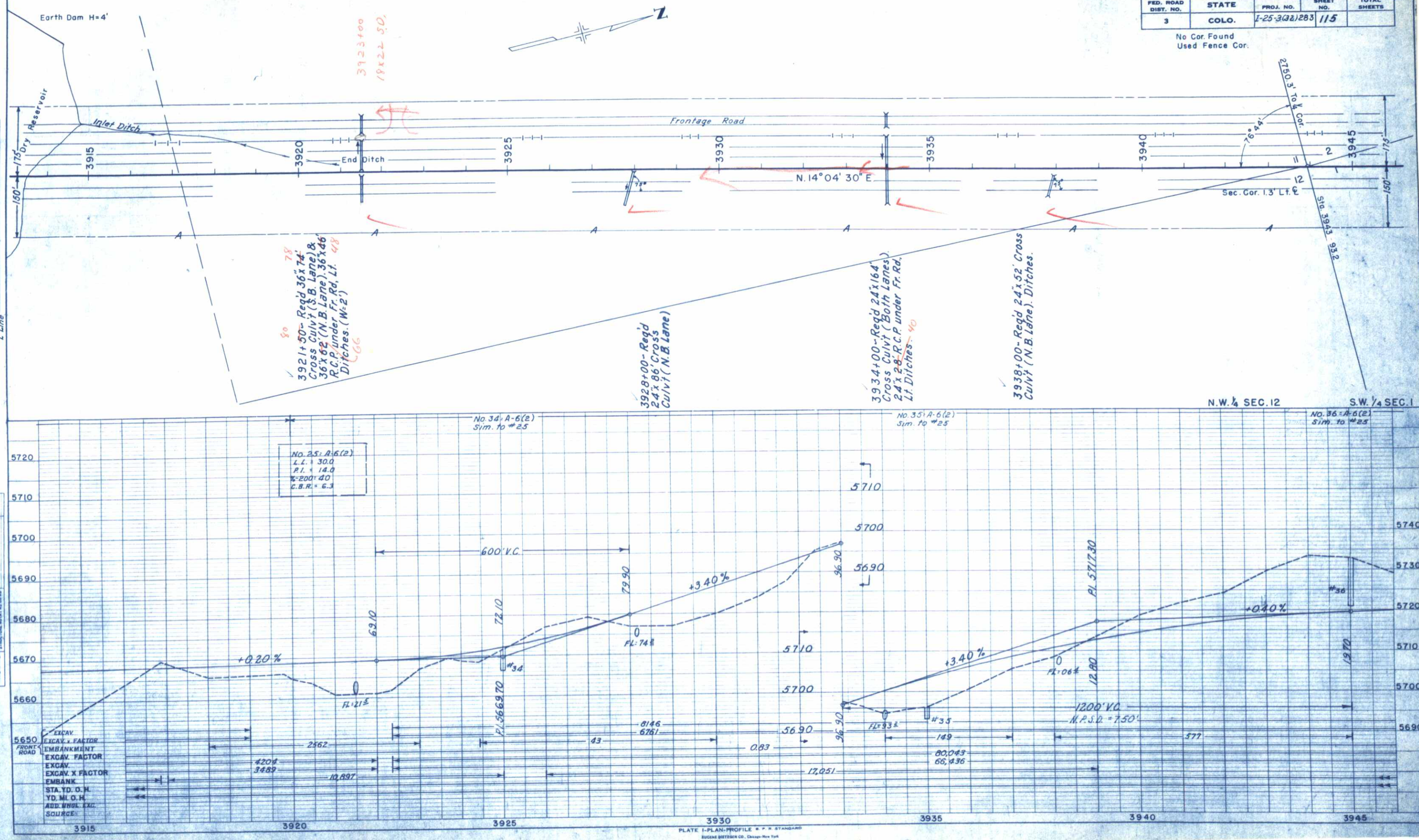
Printed in U.S.A.

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

N.E. 1/4 SEC. 11 T. 10 N. R. 68 W. S.E. 1/4 SEC. 2. T. 10 N. R. 68 W.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	115	

No Cor. Found
Used Fence Cor.



PLAN
SURVEYED
PLOTTED
GRADES CHECKED
R.R. X-INGS
EL. OF WAY CHECKED
NOTE BOOK
NO. 13605
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.R. X-INGS
STRUCTURE DATA (F.H.) CHKD
NOTE BOOK
NO. 13606
BY
DATE

"L" Line

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	116	

S.E. 1/4 SEC. 2 T. 10 N. R. 68 W.

N.W. 1/4 SEC. 12 T. 10 N. R. 68 W.

N.W. 1/4 SEC. 1 T. 10 N. R. 68 W.

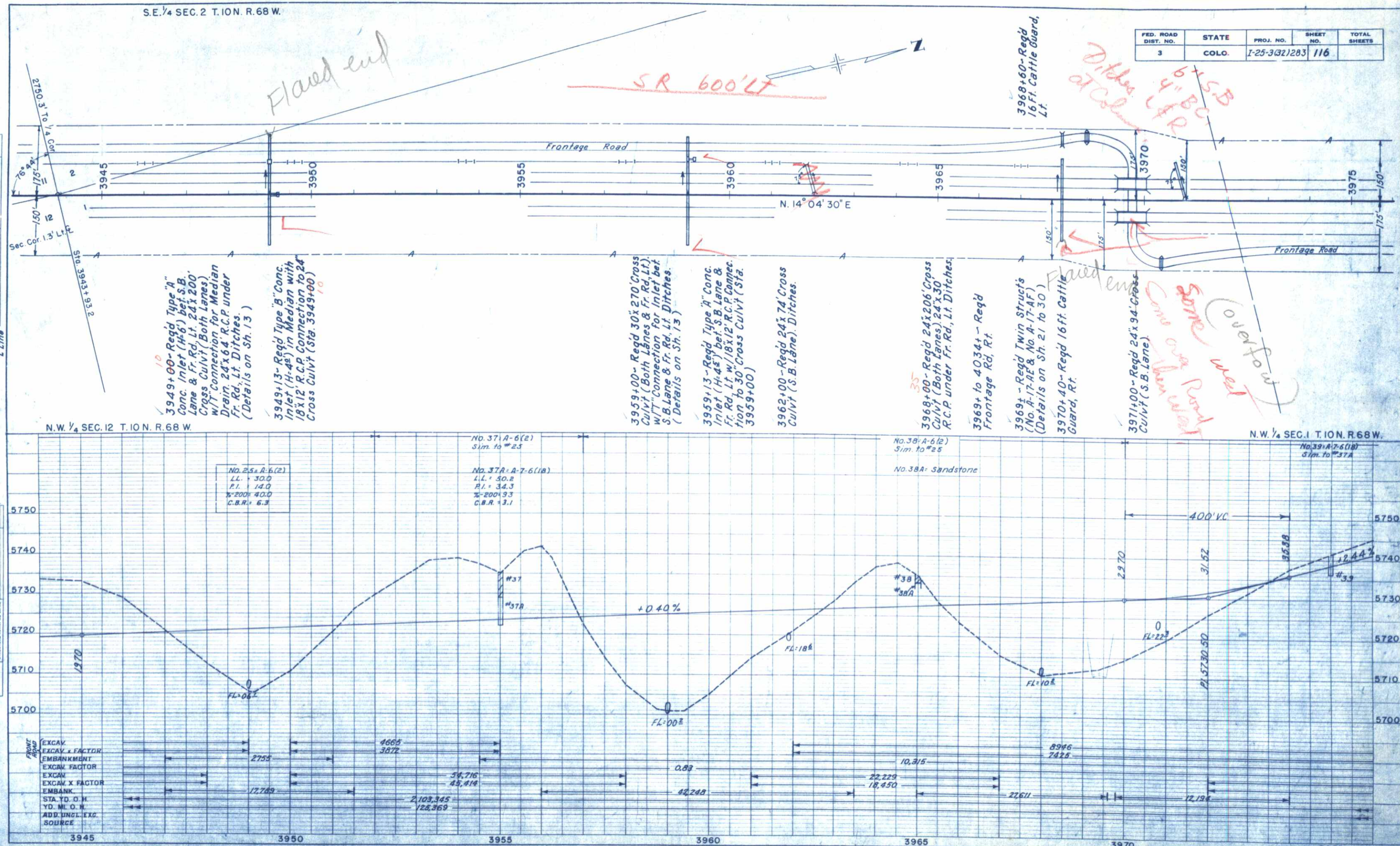
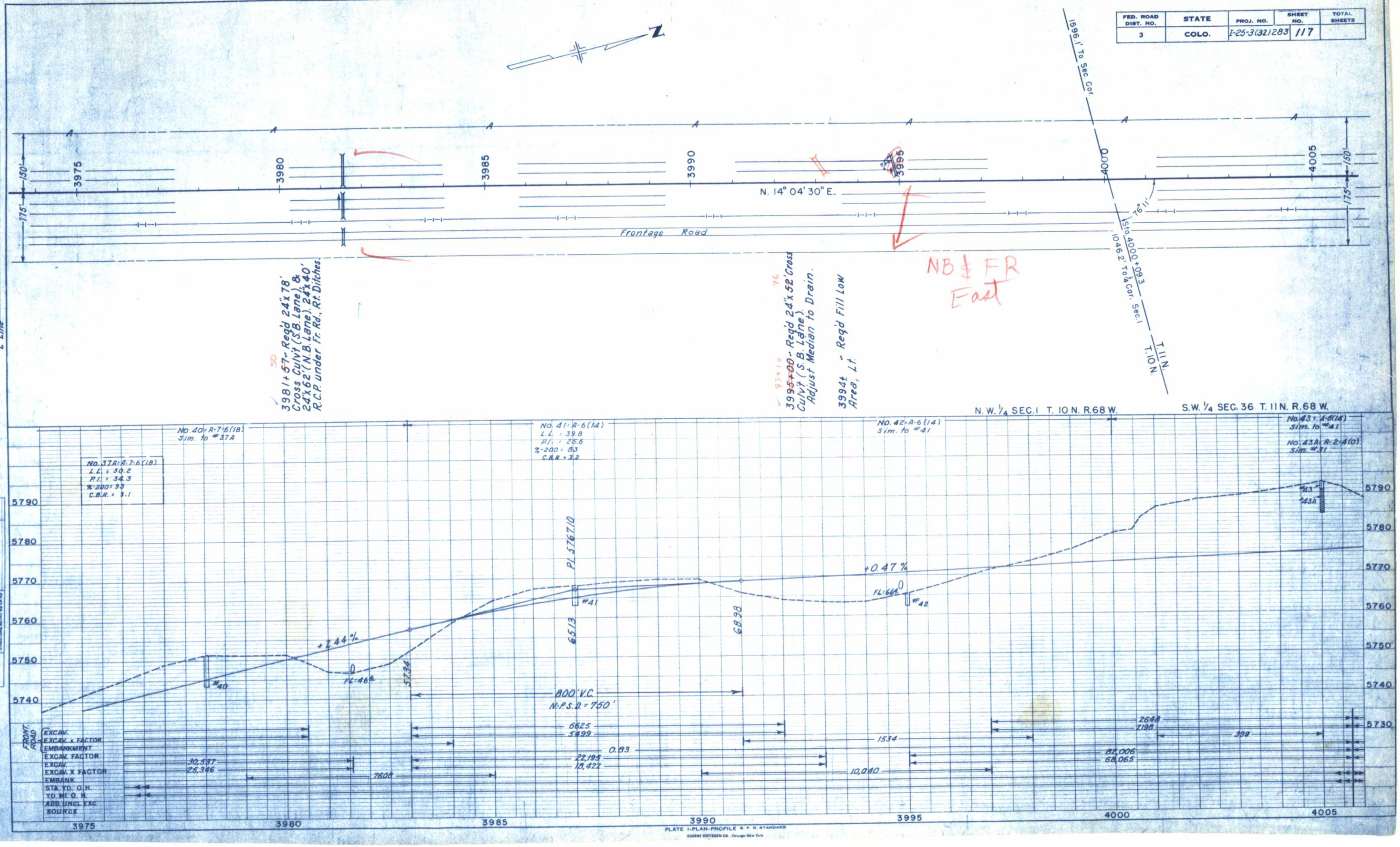


PLATE I-PLAN-PROFILE R. P. R. STANDARD

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK, No. 2605, BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. + NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, No. 13 8606, BY, DATE

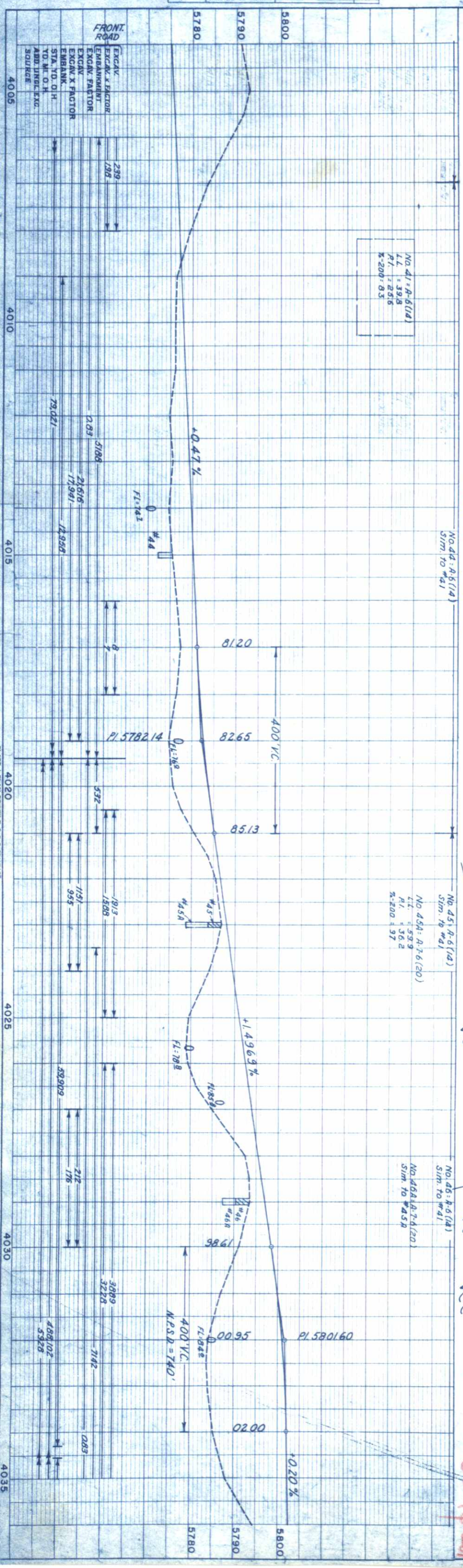
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	117	

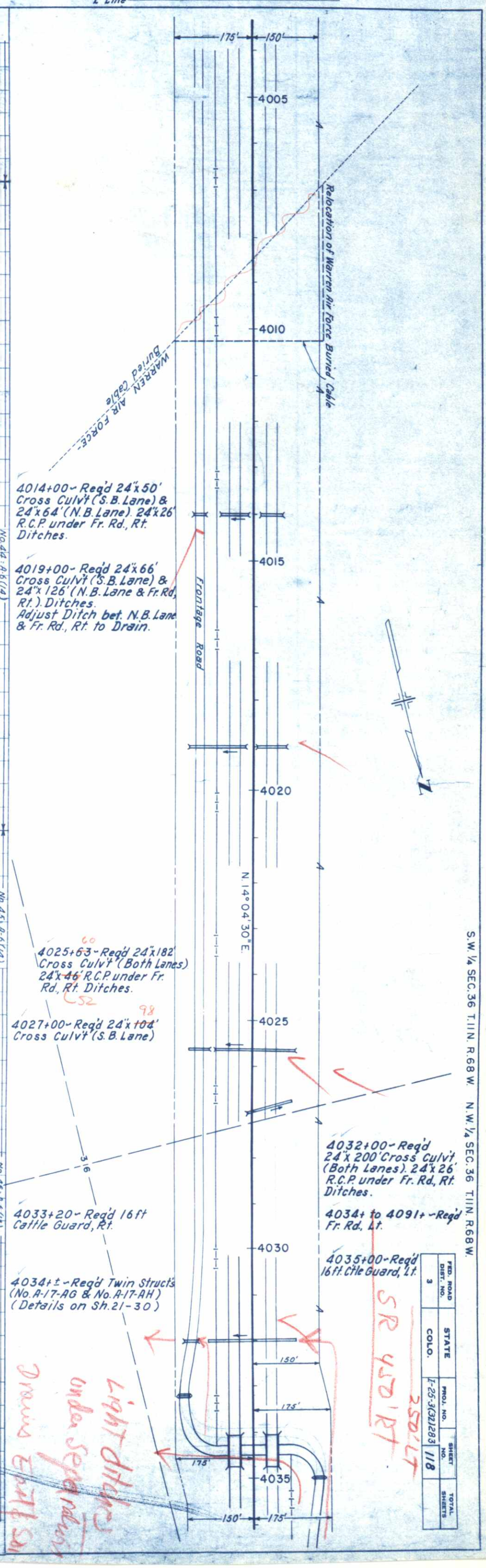


PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO. 13608	GRADES CHECKED		
	B.M.'s NOTED		
	STRUCTURE NOTAT'NS CH'KD		

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO. 13605	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

"L" Line





S.W. 1/4 SEC. 36 T.11N. R.68 W. N.W. 1/4 SEC. 36 T.11N. R.68 W.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F-25-3(32)283	118	

PLATE I-PLAN-PROFILE R.F.R. STANDARD
INGERSOLL-RAND CO. Chicago New York

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F-25-3(32)283	119	

SR 500' LT
SR 275' RT

N.W. 1/4 SEC. 36 T. 11 N. R. 68 W.

N.E. 1/4 SEC. 36 T. 11 N. R. 68 W.

S.E. 1/4 SEC. 25 T. 11 N. R. 68 W.

2621.2' Sec. Cor. To 1/4 Cor.

288.4' To 1/4 Cor.

2344.6' To Sec. Cor. Sta 4054+49.8

Frontage Road

N. 14° 04' 30" E.

175'

150'

4035+50 ~ Reqd 24"x86' Cross Culvt (S.B. Lane).

4044+83 ~ Reqd Type "A" Conc. Inlet (H=5±') bet. S.B. Lane & Fr. Rd. Lt. 36"x192' Cross Culvt (Both Lanes). 36"x60' R.C.P. under Fr. Rd. Lt. Ditches (W=2). Adjust Ditch bet. S.B. Lane & Fr. Rd. Lt. to Drain.

4047+00 ~ Reqd 24"x102' Cross Culvt (N.B. Lane).

4061+00 ~ Reqd 24"x100' Cross Culvt (N.B. Lane).

4063+86 ~ Reqd Type "A" Conc. Inlet (H=5±') bet. S.B. Lane & Fr. Rd. Lt. 36"x210' Cross Culvt (Both Lanes). Ditches (W=2). 36"x38' R.C.P. under Fr. Rd. Lt.

PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NOTE BOOK	
NO. 13605	

"L" Line

No. 31 = A-2-4(0)
L.L. = 27.1
P.I. = N.P.
%-200 = 29
C.B.R. = 10.1

No. 41 = A-6(14)
L.L. = 39.8
P.I. = 25.6
%-200 = 83
C.B.R. = 2.5

No. 45A = A-7-6(20)
L.L. = 59.9
P.I. = 36.2
%-200 = 97
C.B.R. = 2.2

No. 47 = A-6(14)
Sim. #41
C.B.R. = 2.5

No. 47A = A-7-6(20)
Sim. to #45A
C.B.R. = 2.2

No. 48 = A-6(14)
Sim. to #41
C.B.R. = 2.5

No. 48A = A-2-4(0)
Sim. to #31
C.B.R. = 10.1

No. 48B = A-7-6(20)
Sim. to #45A
C.B.R. = 2.2

No. 49 = A-6(14)
Sim. to #41
C.B.R. = 2.5

+0.20 %

FL = 93.6

FL = 87.4

FL = 96.4

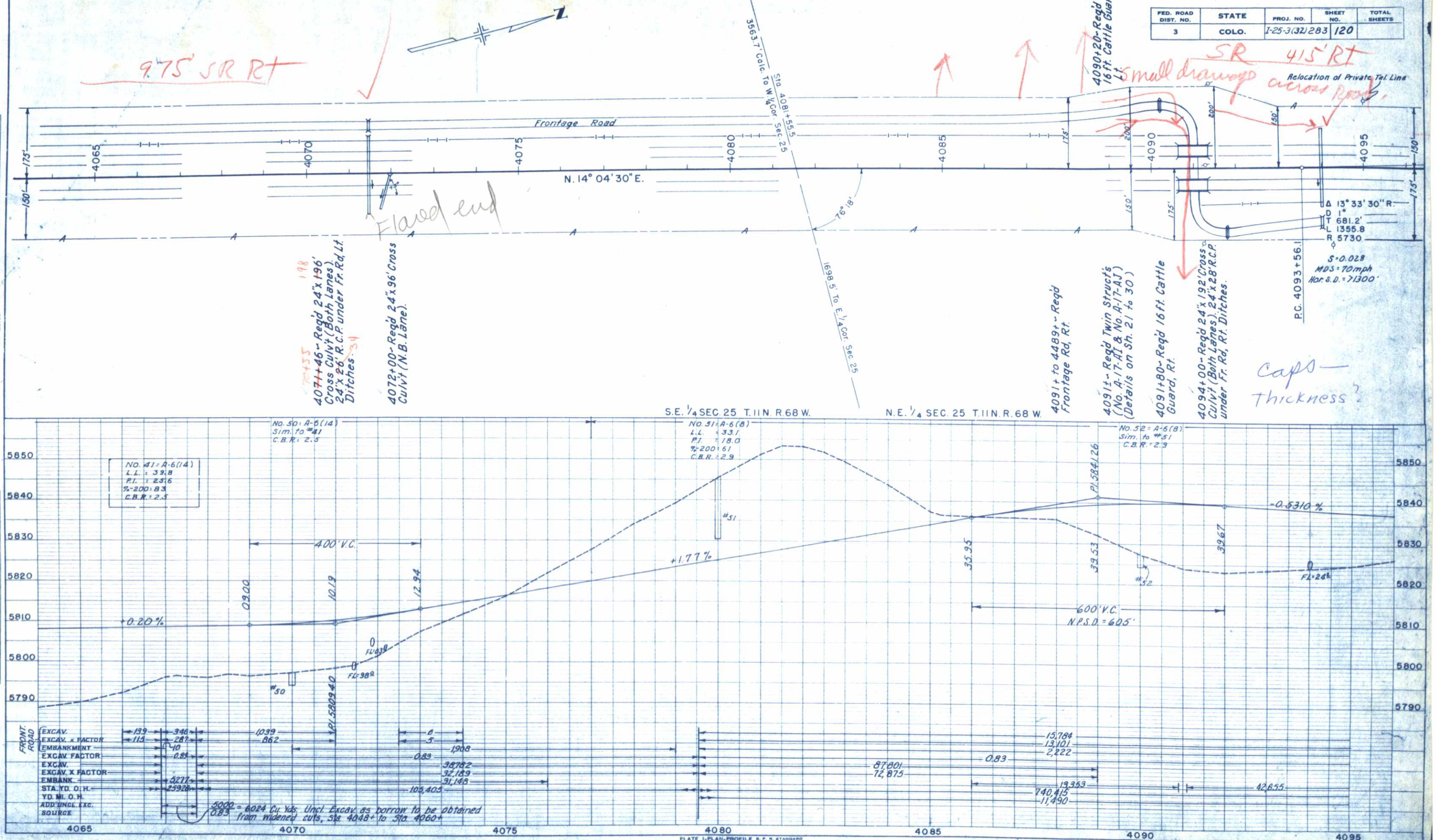
FL = 99.2

FL = 86.4

FRONT. ROAD	4035	4040	4045	4050	4055	4060	4065
EXCAV.				3394		5248	
EXCAV. x FACTOR				2817		4356	
EMBANKMENT					389		1844
EXCAV. FACTOR						0.83	
EXCAV.		49,742		63,601		85,970	
EXCAV. X FACTOR		41,288		52,789		54,257	
EMBANK.	9428		25,828		275,079		56,495
STA. YD. O. H.							
YD. MI. O. H.							
ADD. UNCL. EXC.							
SOURCE							

PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
B.M.'S WRITTEN	
STRUCTURE DATA TO BE ENTERED	
NOTE BOOK	
NO. 13608	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	120	



PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK, NO. 3605

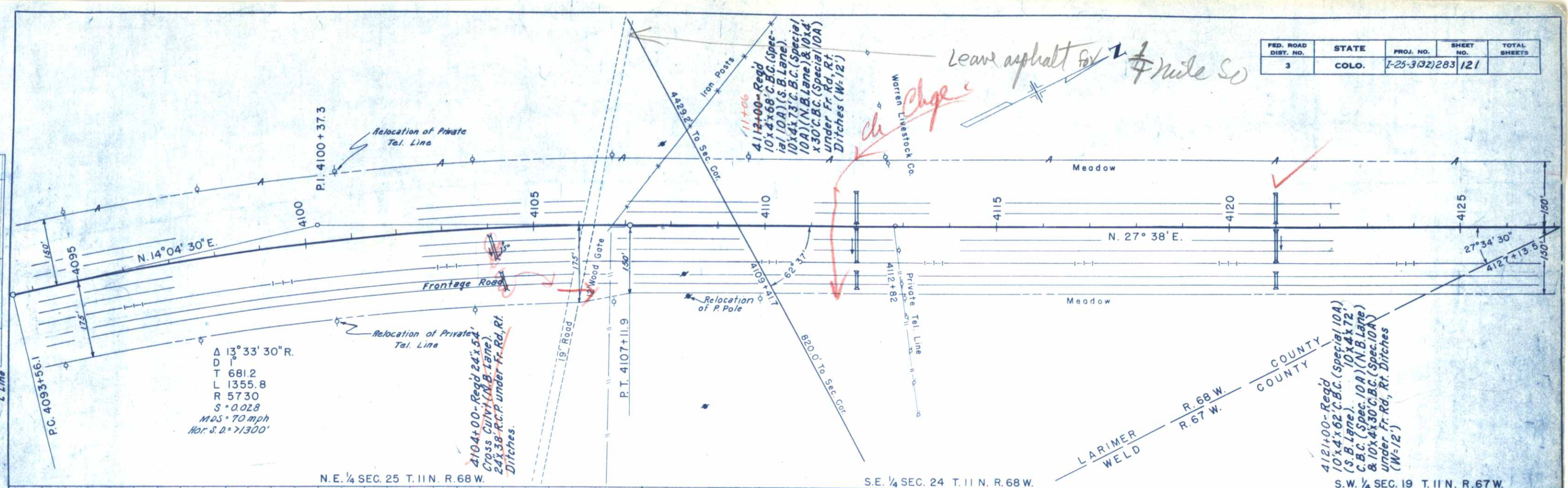
PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M.'s NOTED, STRUCTURE NOTATIONS OK'D, NOTE BOOK, NO. 3608

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

EUGENE DIETZGEN CO., Chicago-New York

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	121	

Leave asphalt for 1 1/4 mile So



PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO. 13805
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. = NOTED
STRUCTURE NOTAT'N CHECKED
NOTE BOOK
NO. 13805

"L" Line

PLATE 1-PLAN-PROFILE B. P. R. STANDARD
EUGENE DIETZGEN CO. Chicago-New York

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	122	

Leave asphalt

S.E. ¼ SEC. 24 T. 11 N. R. 68 W.

Approx. ¼ Cor. Used Fence Cor.

LARIMER COUNTY
WELD COUNTY
R. 68 W.
R. 67 W.

1058.5' To Approx. ¼ Cor.
27° 34' 30"
4127+13.5

N. 27° 38' E

Frontage Road

Meadow

4137+00 - Reqd. Dble 10'x4' x 55' C.B.C. (Type 10-10-A) (S.B. Lane). Dble 10'x4'x65' C.B.C. (Type 10-10-A) (N.B. Lane) & Dble 10'x4'x31' C.B.C. (Type 10-10-A) under Fr. Rd. Rt. Ditches (W=24') (Str. No.s A-17-AS, A-17-AT, & A-17-AU)

4143+65
24"x52' RCP

4150+00
24"x56' SB & NB
24"x70' SE Ramp

4154+00
24"x84' RCP

4154+00 - Reqd. 24"x44' Cross Culvt. (S.B. Lane) & 24"x46' (N.B. Lane). 24"x84' R.C.P. under Ramp. 1'-8' & 24"x180' R.C.P. under Ramp & Fr. Rd. Rt. Ditches

Moved Co.

S.W. ¼ SEC. 19 T. 11 N. R. 67 W.

N.W. ¼ SEC. 19 T. 11 N. R. 67 W.

No. 56 = A-7-6(13)
Sim. to #54
C.B.R. = 4.2

No. 57 = A-7-6(13)
Sim. to #54
C.B.R. = 4.2

No. 58 = A-6(14)
Sim. to #41
C.B.R. = 2.5

No. 41 = A-6(14)
L.L. = 39.8
P.I. = 25.6
%-200 = 83
C.B.R. = 2.5

No. 54 = A-7-6(13)
L.L. = 52.8
P.I. = 29.8
%-200 = 35
C.B.R. = 4.2

400' V.C.

600' V.C.

+0.20%

+0.93%

#56

FL 28.2

#57

#58

FL = 42.2

37.24

38.01

37.50

46.01

49.33

P.I. 58.37+64

P.I. 58.48.80

5850
5840
5830
5820

FRONT. ROAD	
EXCAV.	
EXCAV. x FACTOR	
EMBANKMENT	0.83
EXCAV. FACTOR	
EXCAV.	38295
EXCAV. X FACTOR	
EMBANK.	37,849
STA. YD. O.H.	2,100,048
YD. MI. O.H.	100,237
ADD. UNCL. EXC.	42753
SOURCE	35,485

4125 4130 4135 4140 4145 4150 4155

PLATE 1-PLAN-PROFILE R. F. N. STANDARD

EUGENE DIETZGEN CO. Chicago-New York

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED. NOTE BOOK No. 13605. BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. & NOTE-B, STRUCTURE NOTAT'N CHECKED. NOTE BOOK No. 13605. BY, DATE

"L" Line

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	12.3	

S.W. ¼ SEC. 18 T. 11 N. R. 67 W.

Leave asphalt old Road → Form approach

4158± Req'd Interchange (Details on Sh. 84) Underpass Struct. (No. A-17-Z) (Details on Sh. 31 to 34)

4159+ – Req'd 24"x 86' R.C.P. under N.E. Ramp (Sta. 21+00) Rt. 24"x 78' R.C.P. under Fr. Rd. Rt. (Sta. 4159+). Ditches.

24"x 54' SB

18+30 24"x 94' RCCP (Under Co. Rd.)

4159+00 24"x 74' RCCP S.B. Lane

Δ 14° 20' 30" L
D 1°
T 720.9
L 1434.2
R 5730
S = 0.028
MDS = 70 mph
Hor. S.D. = >1300'

P.T. 4181+44.0

N.13° 17' 30" E

S.W. Ramp — N.W. Ramp — S.E. Ramp — N.E. Ramp — Frontage Road

N.27° 38' E.

P.C. 4167+09.8

Relocation of Pole Line

Elev. top of pipe 5864.8±

3½' Below G.L.

Elev. top of pipe 5863.2±

4166+36.1 = 333+396 Pipe Line

14' Gate — 14' Gate

COUNTY ROAD

Fence Along Road — 400' Along Fence — 600' Along Fence

Cavv Road

4168+00 – Req'd 24"x 102' Cross Culv't (S.B. Lane & N.W. Ramp, Lt.) 24"x 176' Cross Culv't (N.B. Lane, N.E. Ramp & Fr. Rd., Rt.) Ditches. Adjust Ditch bet. N.E. Ramp & Fr. Rd., Rt. to Drain.

P.I. 4174+30.7

¼ Cor.

19+18

4180+00 – Req'd 24"x 56' Cross Culv't (S.B. Lane) & 24"x 138' (N.B. Lane & Fr. Rd., Rt.) Ditches.

N.W. ¼ SEC. 19 T. 11 N. R. 67 W.

S.E. ¼ SEC. 18

No. 41 = A-6 (14)
L.L. = 39.8
P.I. = 25.6
%-200 = 83
C.B.R. = 2.5

No. 59 = A-6 (14) Sim. to #41 C.B.R. = 2.5

No. 60 = A-6 (14) Sim. to #41 C.B.R. = 2.5

No. 61 = A-6 (14) Sim. to #41 C.B.R. = 2.5

No. 61A = A-2-6 (1)
L.L. = 32.4
P.I. = 14.9
%-200 = 28
C.B.R. = 6.4

No. 62 = A-2-6 (1) Sim. to #61A C.B.R. = 6.4

600' V.C. — 400' V.C. — N.P.S.D. = >1300'

+0.93% — +1.9045% — +1.2383%

P.I. 5848.80 — P.I. 5886.89

FL-65.0 — FL-86.2

#59 — #60 — #61 — #61A — #62

49.53 — 54.51 — 83.08 — 86.56 — 89.37

5900 — 5890 — 5880 — 5870 — 5860 — 5850 — 5840

FRONT. ROAD	4155	4160	4165	4170	4175	4180	4185
EXCAV.							
EXCAV. x FACTOR							
EMBANKMENT							
EXCAV. FACTOR							
EXCAV.							
EXCAV. x FACTOR							
EMBANK.							
STA. YD. O. H.							
YD. MI. O. H.							
ADD. INCL. EXC.							
SOURCE							

5902 — 14,686 — 10,035 — 8,329 — 76,591 — 63,554 — 9,425

PLAN: SURVEYED — PLOTTED — DESIGNED — NOTE BOOK — RIGHT OF WAY CHECKED — No. 13605

PROFILE: SURVEYED — PLOTTED — DESIGNED — NOTE BOOK — STRUCTURE INITIATING OR TO — No. 13609

"Z" Line

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	124	

S.W. ¼ SEC. 18 T.11 N. R.67 W.

No Cor. Found
Used Fence Cor.

N

2691.8' To W ¼ Cor. Sec. 18

4196+54.3
2290.5' To E ¼ Cor. Sec. 18

N. 13°17' 30" E.

Frontage Road

4185 4190 4195 4200 4205 4210 4215

150' 175' 50'

4192+40 - Req'd 16 ft. Cattle Guard, Rt.

4193+ - Req'd Twin Struct's (No. A-17-AK & No. A-17-AL) (Details on Sh. 21 to 30)

4194+40 - Req'd 16 ft. Cattle Guard, Rt.

4195+00 - Req'd 24" x 48' Cross Culv't. (S.B. Lane). Ditches.

24x36 To 24x48

4193+15
24x42 RCCP
4193+25
18x21 Rd Appr

4208+00 - Req'd 24" x 48' Cross Culv't. (N.B. Lane). Ditches.

S.E. ¼ SEC. 18 T.11 N. R.67 W.

N.E. ¼ SEC. 18

No. 61A = A-2-6(1)
L.L. = 32.4
P.I. = 14.9
%-200 = 28
C.B.R. = 6.4

No. 63 = A-2-6(1)
Sim. to #61A
C.B.R. = 6.4

No. 64 = A-2-6(1)
Sim. to #61A
C.B.R. = 6.4

No. 65 = A-2-6(1)
Sim. to #61A
C.B.R. = 6.4

Pl. 5922.80

+1.2383 %

+0.40 %

#63 FL = 062

#64 FL = 198

#65

20.32 22.38 23.60

400' V.C.
N.P.S.D. = 92.5'

5930 5920 5910 5900 5890

FRONT. ROAD	4185–4190	4190–4195	4195–4200	4200–4205	4205–4210	4210–4215
EXCAV.	1,279		3,155			
EXCAV. x FACTOR	1,062		2,819			
EMBANKMENT		1,458				
EXCAV. FACTOR						
EXCAV.					9851	
EXCAV. X FACTOR						
EMBANK.				34,494		
STA. YD. O. H.		30,740		28,630		
YD. MI. O. H.				2		
ADD. UNCL. EXC.						48
SOURCE						

4185 4190 4195 4200 4205 4210 4215

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE
NOTE BOOK
NO. 13605

PROFILE
SURVEYED
PLOTTED
CHECKED
B.M.'s NOTED
STRUCTURE NOTATIONS ON RD
BY
DATE
NOTE BOOK
NO. 13605

"L" Line

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	125	

425' SR Lt

SR 900' Rt

To be removed

Hand Rel from appr. Pt

981.2' To 1/4 Cor.

4224+14.5

16682' To Sec. Cor.

76°22'

N. 13° 17' 30" E

Frontage Road

4215 4220 4225 4230 4235 4240 4245

175' 150'

4226+ to 4227+ - Adjust Ditch Bet. N.B. Lane & Fr. Rd, Rt. to Drain AA.

4226+68 - Reqd 24"x 224' Cross Culvt. (Both Lanes & Fr. Rd, Rt.) Ditches.

4230+00 - Reqd Type "A" Conc. Inlet (H-4E) Bet. N.B. Lane & Fr. Rd, Rt. 24"x 32' R.C.P. under Fr. Rd, Rt.

242

~~3+00~~ 4231+72 - Reqd 36"x 246' Cross Culvt. (Both Lanes & Fr. Rd, Rt. Ditches (W=2').

75

4234+00 - Reqd 24"x 72' Cross Culvt (S.B. Lane).

4242+81 - Reqd 24"x 48' Cross Culvt (S.B. Lane) & 24"x 56' (N.B. Lane). 24"x 52' R.C.P. under Fr. Rd, Rt. Ditches.

N.E. 1/4 SEC. 18 T. 11 N. R. 67 W.

S.E. 1/4 SEC. 7

No. 61A: A-2-6(1)
L.L.: 32.4
P.I.: 14.9
%-200: 28
C.B.R.: 6.4

No. 66: A-2-6(1)
Sim. to #61A
C.B.R.: 6.4

No. 67: A-2-6(1)
Sim. to #61A
C.B.R.: 6.4

No. 68: A-2-6(1)
Sim. to #61A
C.B.R.: 6.4

No. 69: A-2-6(1)
Sim. to #61A
C.B.R.: 6.4

5940 5930 5920 5910 5900

+0.40%

-0.20%

PI. 5929.20

PI. 5924.40

#66 #67 #68 #69

28.40 28.90 28.80

400' V.C.
N.P.S.D. = 1300'

FL=154 FL=0.24 FL=198 FL=198

25.0 22.8

700' V.C.

FRONT SLOPE

EXCAV.	187	
EXCAV. x FACTOR	155	
EMBANKMENT		2,326
EXCAV. FACTOR		1931
EXCAV.		3,917
EXCAV. X FACTOR		90,895
EMBANK.	67,624	75,443
STA. YD. O. H.		604
YD. MI. O. H.		
ADD. UNCL. EXC.		
SOURCE		

4215 4220 4225 4230 4235 4240 4245

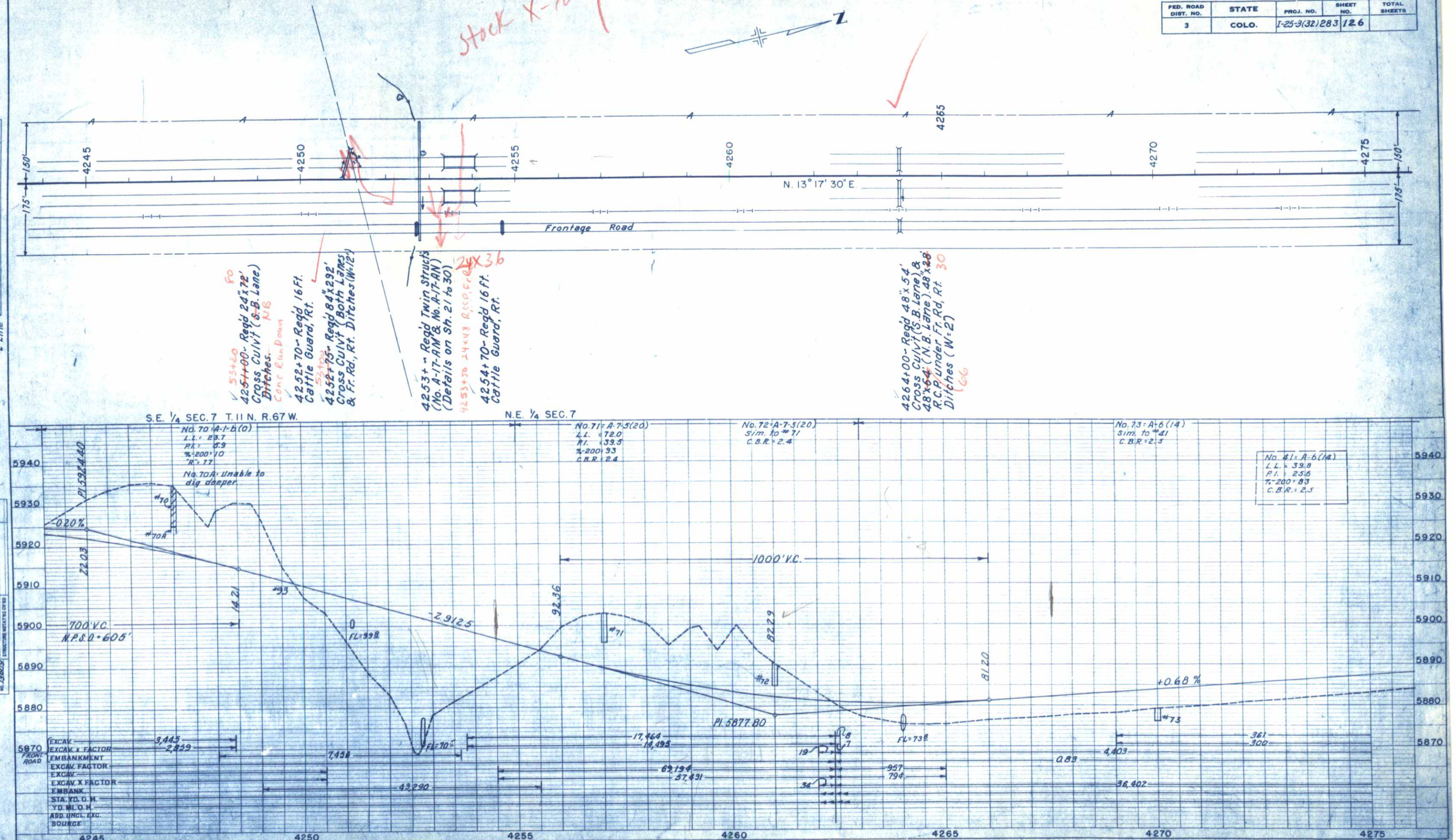
PLATE I-PLAN-PROFILE R. F. R. STANDARD

PLAN — SURVEYED / PLOTTED / GRADES CHECKED / R.O.W. CHECKED / PT. OF WAY CHECKED — NOTE BOOK — NO. 13605 — BY — DATE — "L" Line

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / STRUCTURE DETAILS CK'D — NOTE BOOK — NO. 13605 — BY — DATE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	126	

Stock X-ing



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	127	

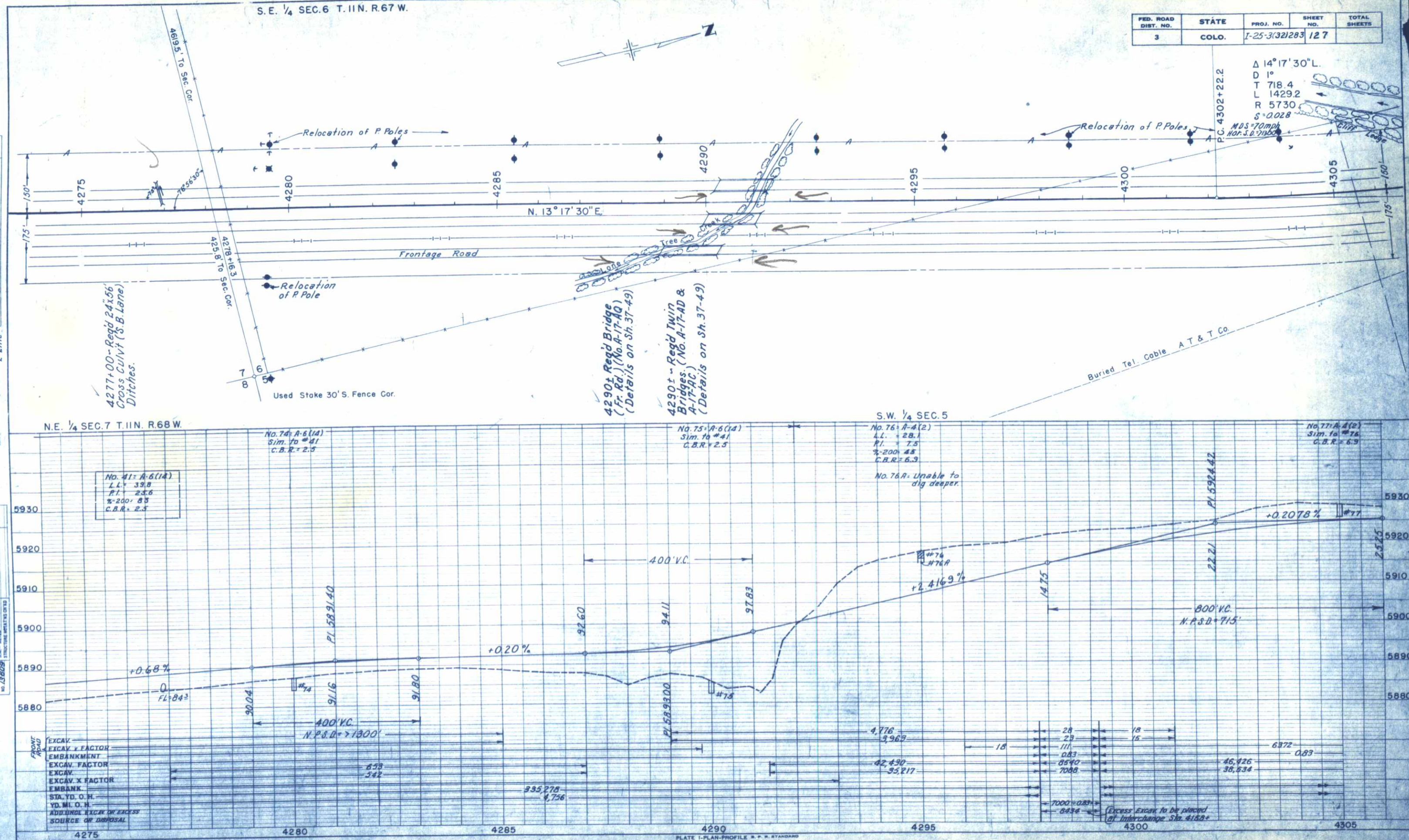


PLATE 1-PLAN-PROFILE B. P. R. STANDARD

EUGENE DIETZGEN CO., Chicago-New York

PLAN — NOTE BOOK — NO. 13605 — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — DATE — BY

PROFILE — NOTE BOOK — NO. 13605 — SURVEYED — PLOTTED — GRADES CHECKED — S.B.L. INTERSECTIONS CHKD — DATE — BY

"L" Line

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	129	

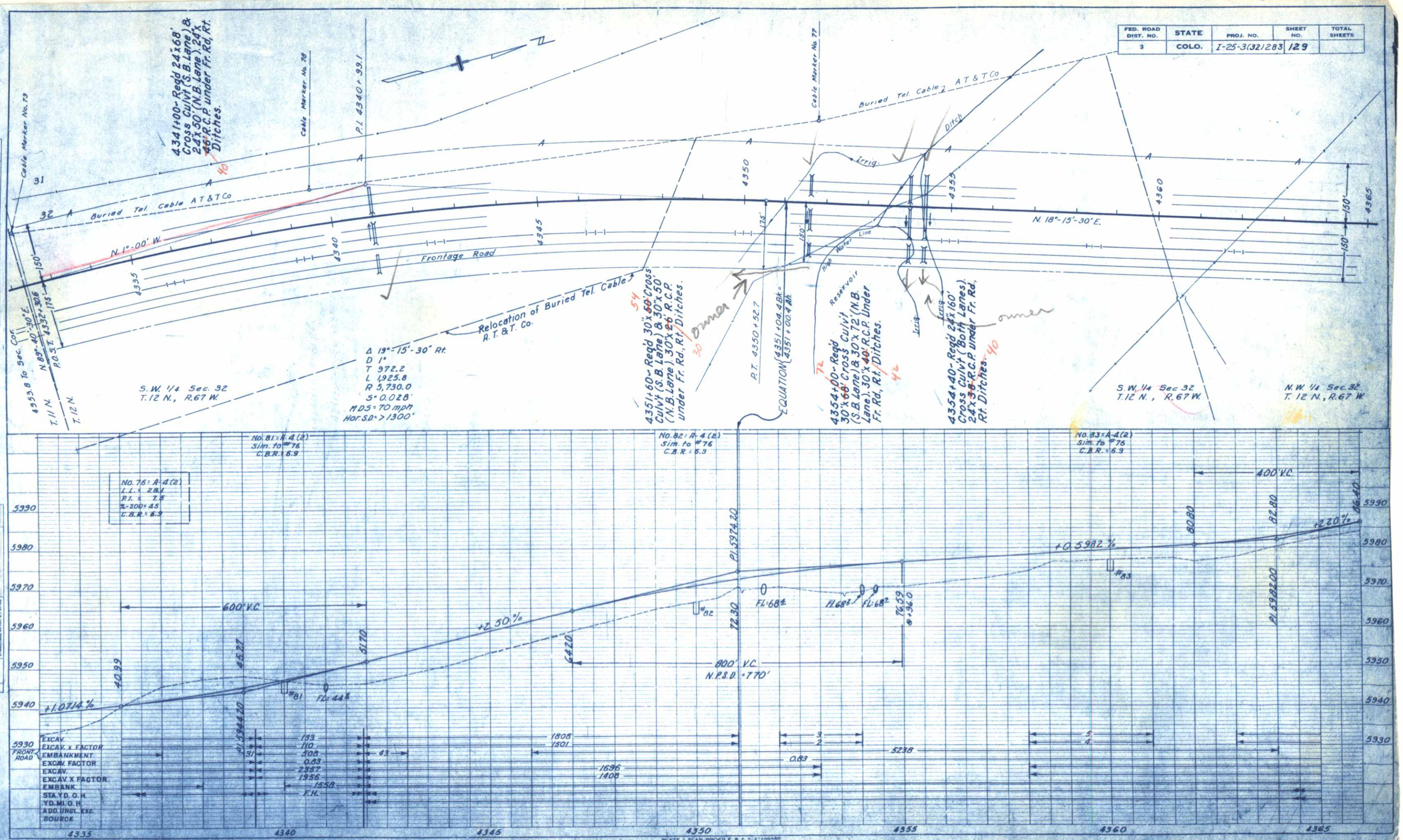


PLATE 1-PLAN-PROFILE B. P. R. STANDARD

EUGENE DIETZGEN CO., Chicago New York

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

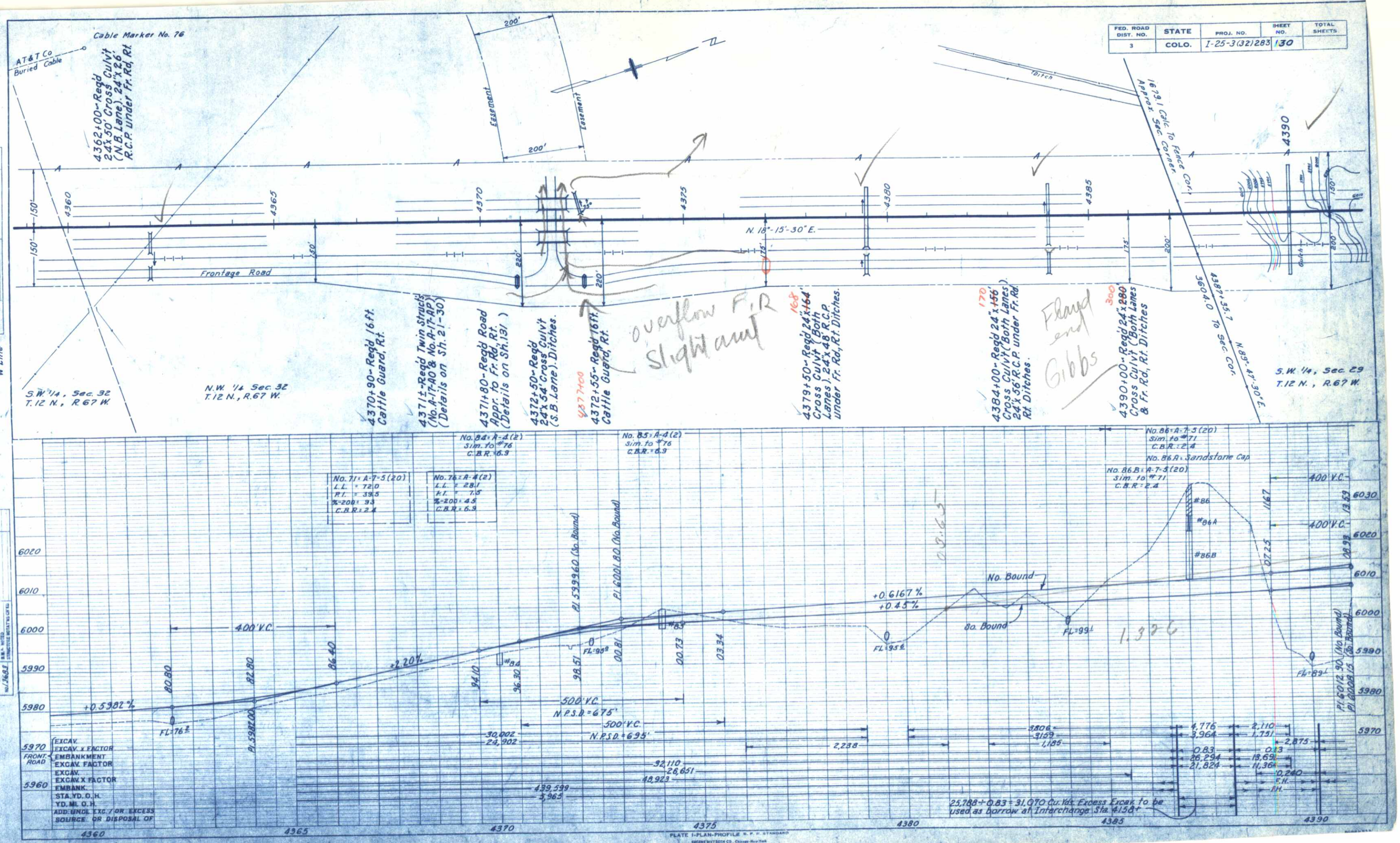
Printed in U.S.A. On IMPERIAL Tracing Cloth

PLAN — SURVEYED: PLOTTED: NOTE BOOK: RI. OF WAY CHECKED: RI. OF WAY SHOWN: NOTE BOOK: 1/36B2 — BY: H.J. Walker, R.E. Hackley — DATE: 8-62, 10-62

PROFILE — SURVEYED: PLOTTED: GRADES CHECKED: N.B.L. NOTED: NOTE BOOK: 1/36B2 — BY: H.J. Walker, R.E. Hackley, T. Moore — DATE: 8-62, 10-62, 10-62

"W" Line

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	130	



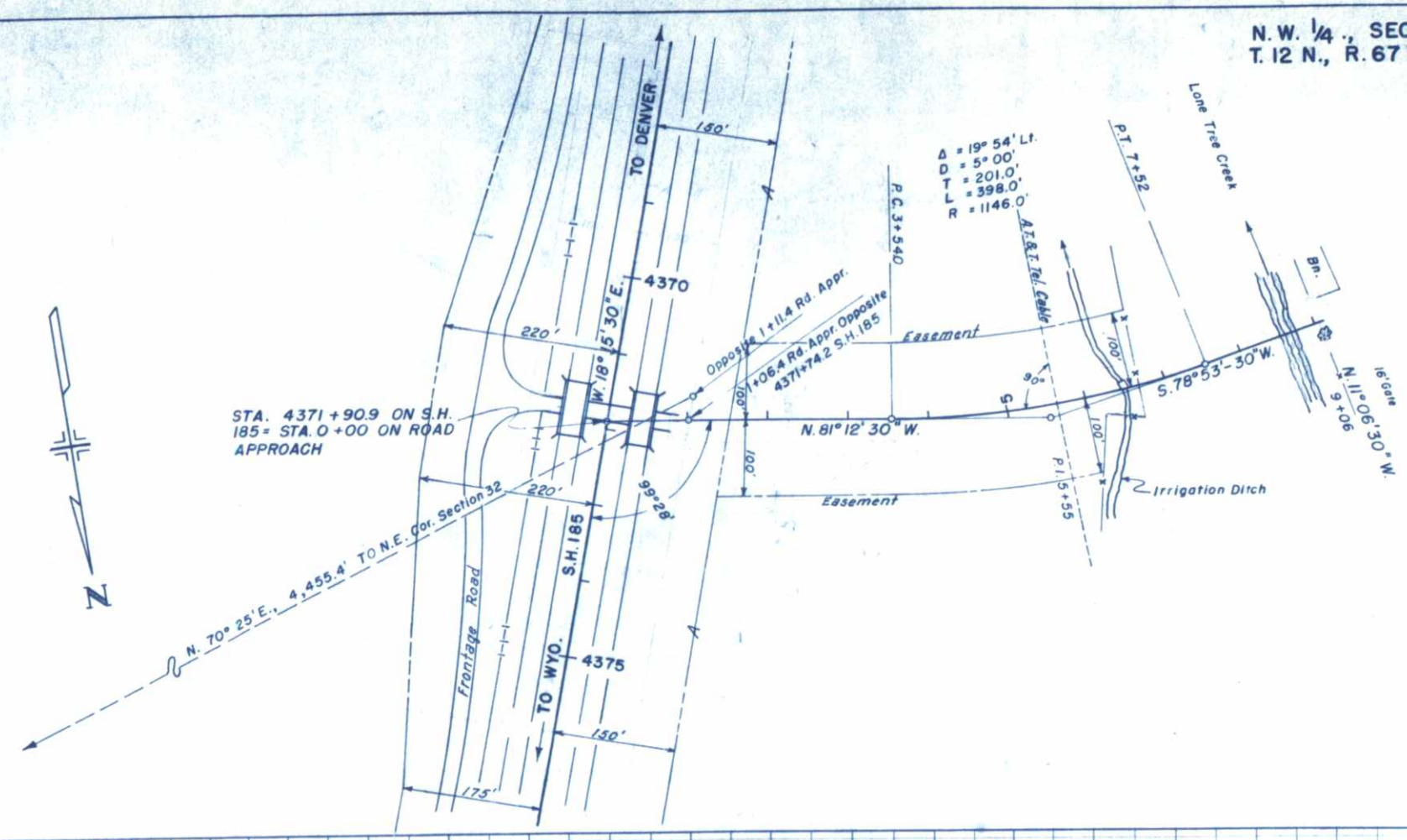
PLAN			
SURVEYED		BY	DATE
PLOTTED		R.J. Hunter	9-47
GRADES CHECKED		R.L. Mackey	10-47
HYD. DATA CHECKED			
STRUCTURE DATA NO. CW 16			
NOTE BOOK	NO'S. BOOK	ALIGNMENT CHECKED	
	13683	RT. OF WAY CHECKED	

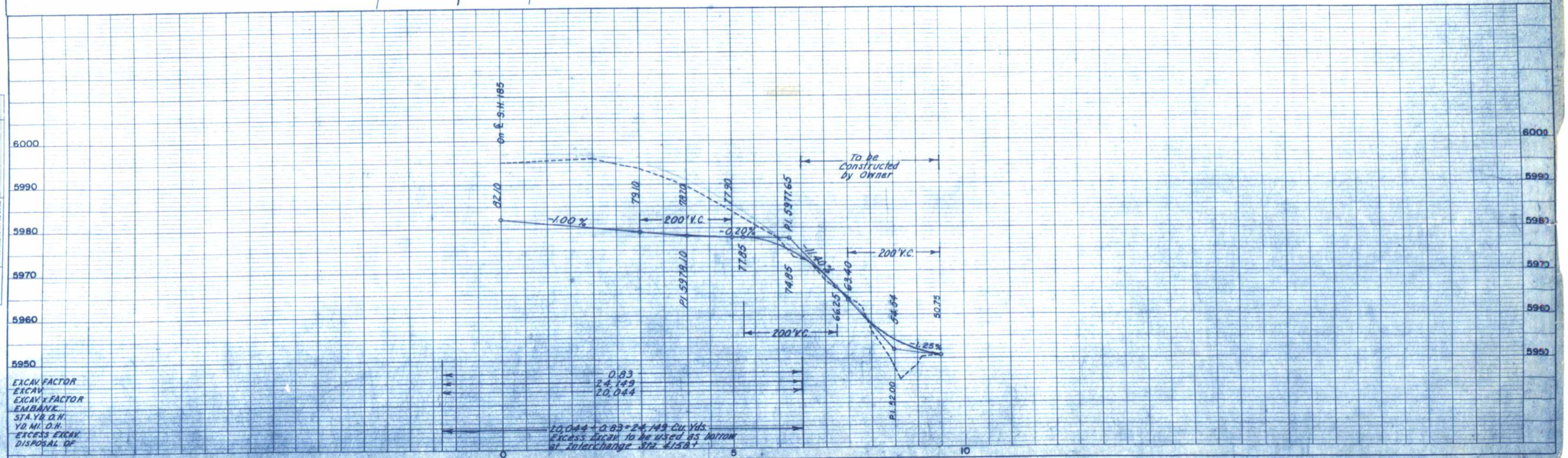
PROFILE			
SURVEYED		BY	DATE
PLOTTED		R.J. Hunter	9-47
GRADES CHECKED		R.L. Mackey	10-47
HYD. DATA CHECKED			
STRUCTURE DATA NO. CW 16			
NOTE BOOK	NO'S. BOOK		
	13683		

N. W. 1/4., SEC. 32
T. 12 N., R. 67 W.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	131	

Proposed Road Approach
Lt. Sta. 4371 + 90.9





PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED	R.C.P.	10-57
	ALIGNMENT CHECKED		
NO.	RT. OF WAY CHECKED		

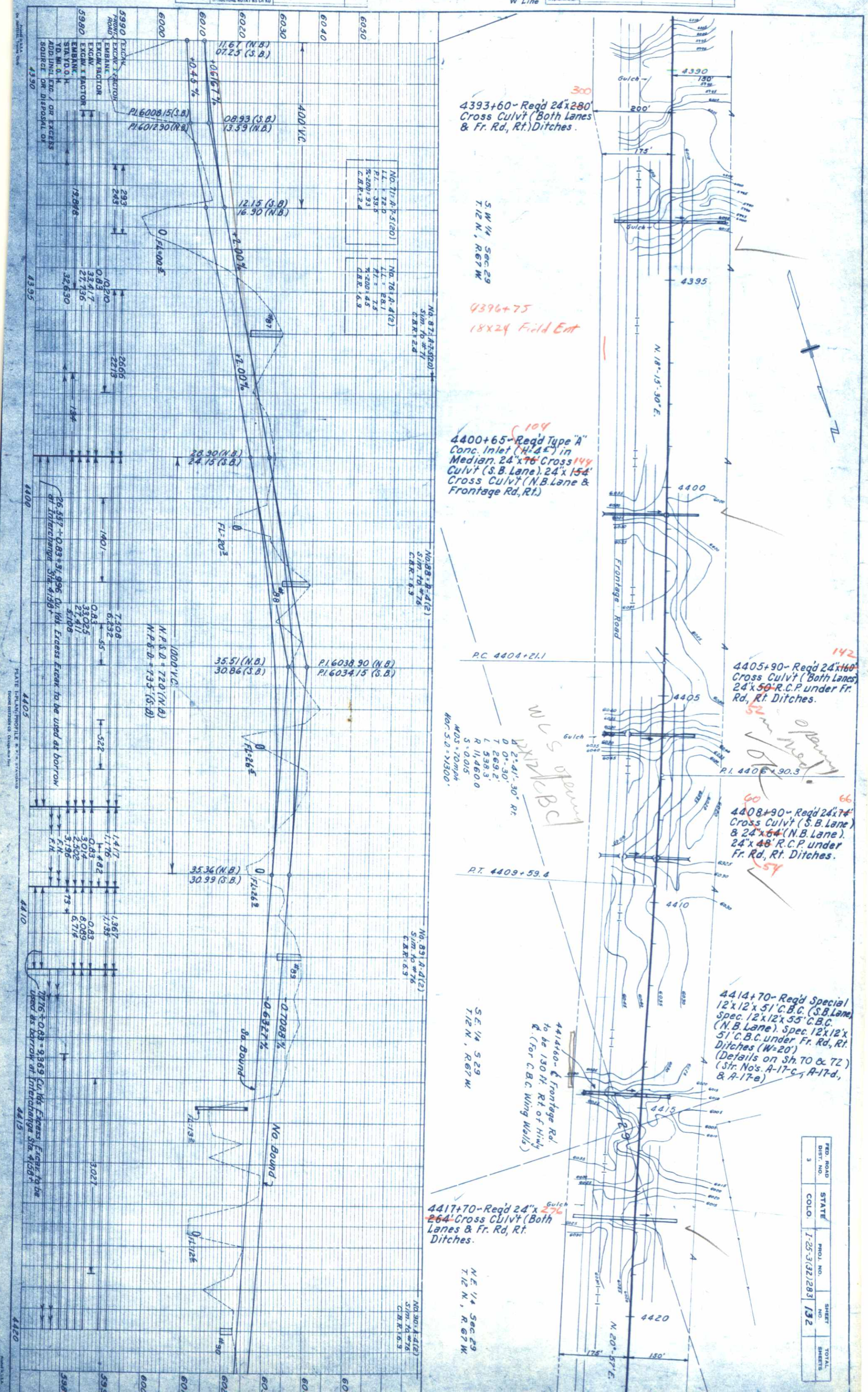
PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED	R.C.P.	10-57
	PROFILE CHECKED		
	N.B. - NOTED		
NO.	STRUCTURE NOTAT'NS ON RD		

PLATE I-PLAN-PROFILE U. P. R. STANDARD

Printed in U.S.A. EUGENE DIETZGEN CO., Chicago-New York
Printed in U.S.A. On IMPERIAL Tracing Cloth

PROFILE		BY	DATE
NOTE BOOK	SURVEYED	H.J. Winter	9-47
	PLOTTED	R.L. Markley	10-47
NO. 1368.3	GRADES CHECKED		
	B.M.'s NOTED		
	STRUCTURE NOTAT'NS CH'KD		

PLAN		BY	DATE
NOTE BOOK	SURVEYED	H.J. Winter	9-47
	PLOTTED	R.L. Markley	10-47
NO. 1368.3	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	132	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	I-25-3(32)283	133	

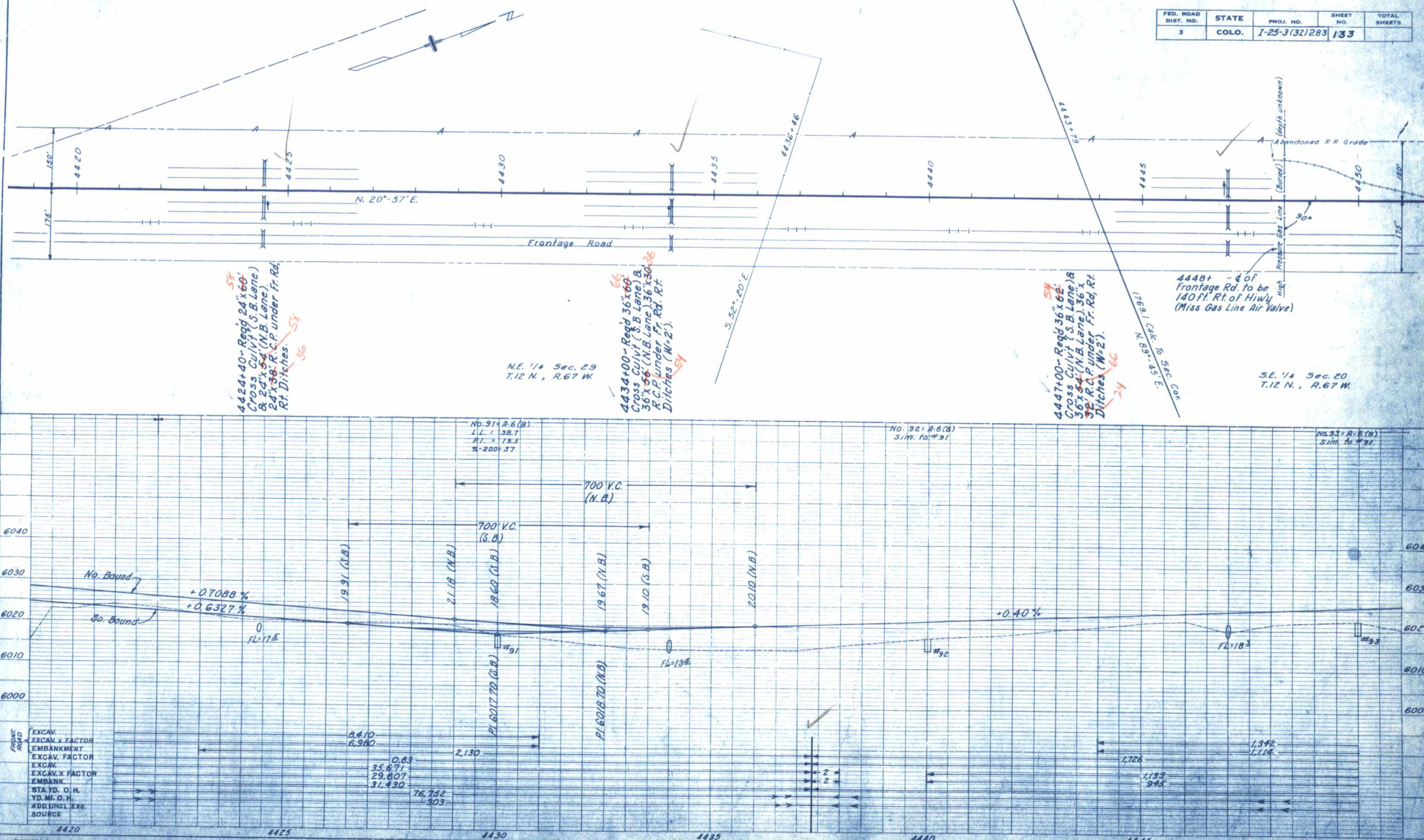
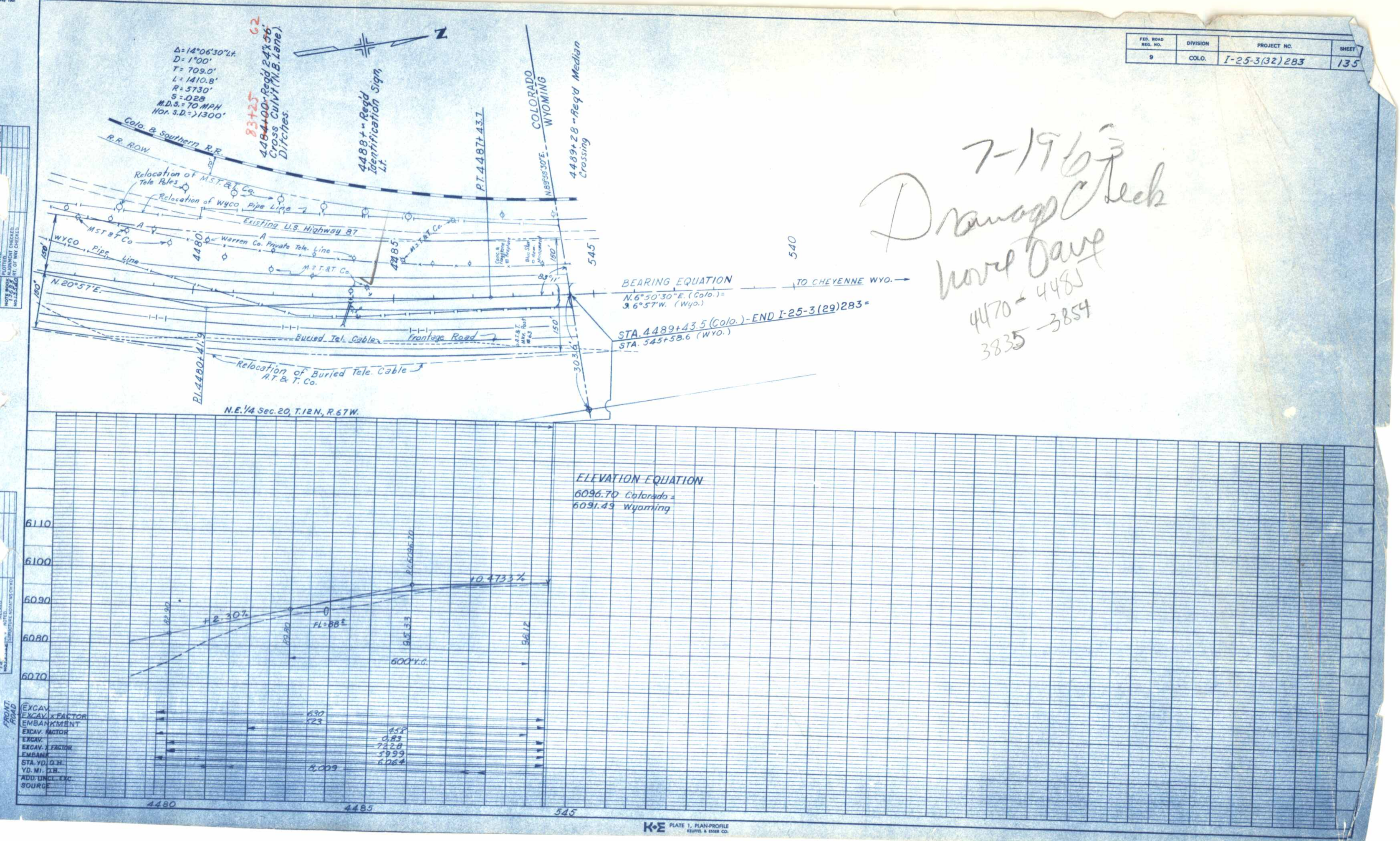


PLATE I-PLAN-PROFILE. B. P. R. STANDARD

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET
9	COLO.	I-25-3(32)283	135



7-1963
Drainage Check
Work Done
4470 - 4481
3835 - 3854