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CROSS SECTIONS.

TABULATION OF LENGTH AND DESIGN DATA

STATION	ROADWAY		BRIDGE	
	LIN. FT.		LIN. FT.	LOADING
478+00 BEGIN S 0007 (3)	5,970.9			
537 + 70.9 Bk = } EQUATION				
537 + 81.3 Ah } EQUATION	520.4			
543 + 01.7 Bk = } EQUATION				
0 + 00.0 Ah } EQUATION	3,408.2			
34 + 08.2 Bk = } EQUATION				
34 + 11.2 Ah } EQUATION	22,188.8			
256+00 = END S 0007 (3) =				
256+00 = BEGIN S 0007 (1)				
TOTALS	32,088.3			
SUMMARY				
S 0007 (3) Roadway		LIN. FT.	MILES	
		32,088.3	6.077	
S 0007 (3) Net # Gross Length		32,088.3	6.077	
DESIGN DATA				
Maximum Degree of Curve	8° 30'			
Maximum Grade	3.70 %			
Minimum N.P.S.D. (Horizontal)	490'			
Minimum N.P.S.D. (Vertical)	470'			
Maximum Design Speed	50 M.P.H.			

COLORADO
DEPARTMENT OF HIGHWAYS
PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. S 0007 (3)
STATE HIGHWAY NO. 59
YUMA COUNTY

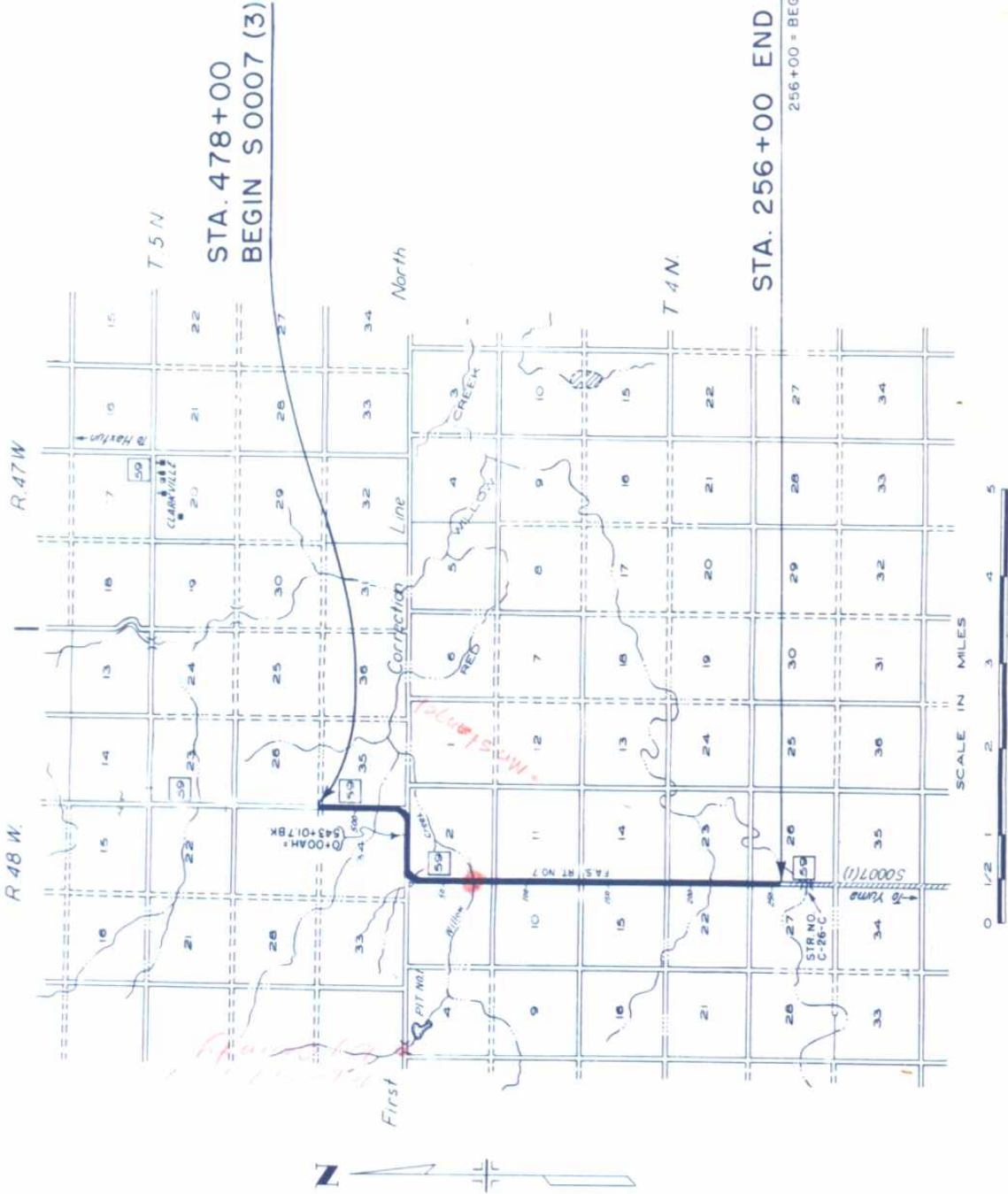
- M-1-C
- M-2-EM
- M-7-C
- M-19-D
- M-24-H
- M-29-A
- M-107-C

STATION 0+00 Ah - 256+00
ON PLAN, 1 IN = 100 FT
ON PROFILE, 1 IN = 200 FT
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHER ROAD.
GROSS LENGTH OF PROJECT: 32,088.3 FT = 6.077 Miles
NET LENGTH OF PROJECT:

SCALES OF ORIGINAL TRACINGS

CONVENTIONAL SIGNS

- Center Line
- Right-of-way Line
- County Line
- Township or Range Line
- Section Line
- Quarter Section Line
- Sixteenth Section Line
- Property or Tract Line
- Railroad
- Barbed Wire Fence
- Woven Wire Fence
- Wire Cable Guard Fence
- Teleph. & Teleg. Line
- Power Line
- Water Main



NOTICE TO BIDDERS
IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO
OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD
REPRESENTATIVES OF THIS DEPARTMENT:
E. W. CULATT, CHIEF ENGINEER
GRIFFIN, COLORADO
GEO. DANFORTH JR. RESIDENT ENGR. HOME
PHONE, WRAY 902, OFFICE PHONE, WMA 3150

COLORADO
DEPARTMENT OF HIGHWAYS

APPROVED
M. E. Walters
CHIEF ENGINEER

STA. 256+00 END S 0007 (3) =
256+00 = BEGIN S 0007 (1)

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED
DATE

DISTRICT ENGINEER

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	S 0007 (3)	1	1

Rev 3-3-55 JPK

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED	HOWE & PART	6-54
NO. 18063	GRADES CHECKED	N.F.	6-54
	8 M.S. NOTED		
	STRUCTURE NOTATIONS CHECKED		

4	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED	HOWE & PARTY	6-54
NO. 18063	ALIGNMENT CHECKED	N.F.	6-54
	RT. OF WAY CHECKED		

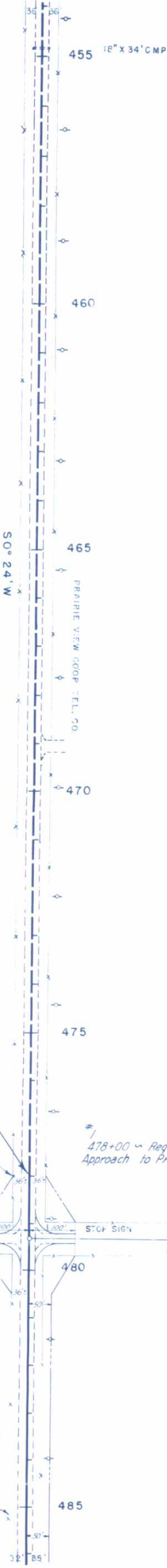
COLORADO DEPARTMENT OF HIGHWAYS
Form C.D.H. 134
April 1952

SW 1/4 SEC. 26
T.5N., R.48W.

FOR GENERAL PLAN NOTES
See Sheet #15

NW 1/4 SEC. 35
T.5N., R.48W.

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0007(3)	14	



STA. 478+00
BEGIN S 0007(3)

#1
478+00 ~ Req'd.
Approach to Project

#2
478+00 ~ Req'd. Project
Marker, Rt.
(State Forces)

#3
479+32 ~ Req'd.
Road Approach,
Rt. & Lt.

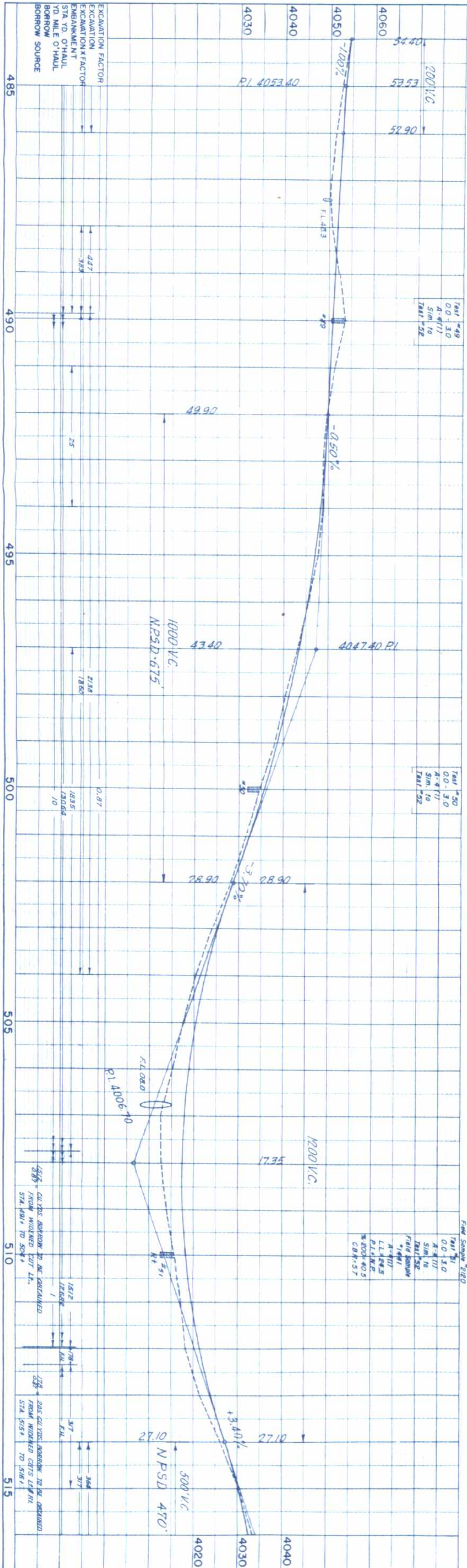
NE 1/4 SEC. 34
T.5N., R.48W.

Future Construction

Field Sample #2120
Test # 48
0.0-3.0
A-4(11)
Sim to
Test # 52
Field Sample
#1441
A-4(11)
LL 4.245
P.L. 11.112
% 200+405
CBR 157

400' V.C.
NPSD = 655

P.L. 4053.40



NE 1/4 SEC. 34
T.5N., R.48W.

NOTE:
Fencing, R.O.W. Markers, and Timber Guard Posts are tabulated on sheet number 4.

#2
498+87 ~ Reg'd. 18"x36'
Side Drain & Road Approach, Rt.

SE 1/4 SEC. 34
T.5N., R.48W.

#5
506+77 ~ Reg'd. 84"x56'
Cross Culvert with
Mitered Ends, Skew 75°
(For Details See Sheet # 4).
Ditches, (W=12').
Remove 36"x34' C.M.P.

#6
514+38 ~ Reg'd.
Road Approach,
Rt. & Lt.

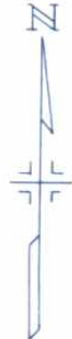
NOTE:
514+ ~ Reset
U.S.G.S. Bench Mark
(By State Forces)

USGS. BM M59
ELEV 4029.70

NW 1/4 SEC. 35
T.5N., R.48W.

#1
487+40 ~ Reg'd. 24"x50'
Cross Culvert, Outlet
Ditch, (W=1').

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 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 the plans will be modified where necessary to secure dense, stable, embankments.



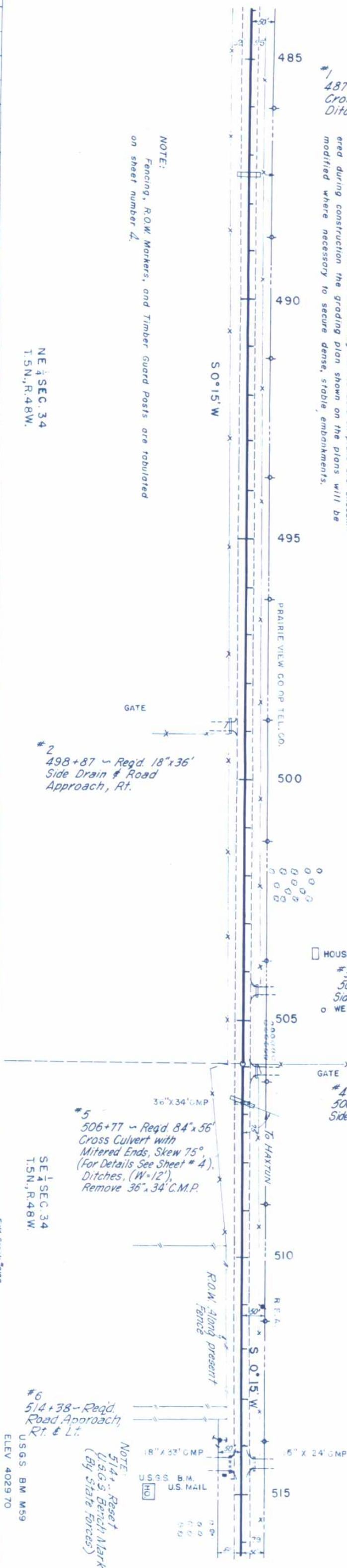
#3
504+40 ~ Reg'd. 18"x26'
Side Drain & Road Approach, Lt.
WELL

#4
506+09 ~ Reg'd. 18"x30'
Side Drain & Road Approach, Lt.

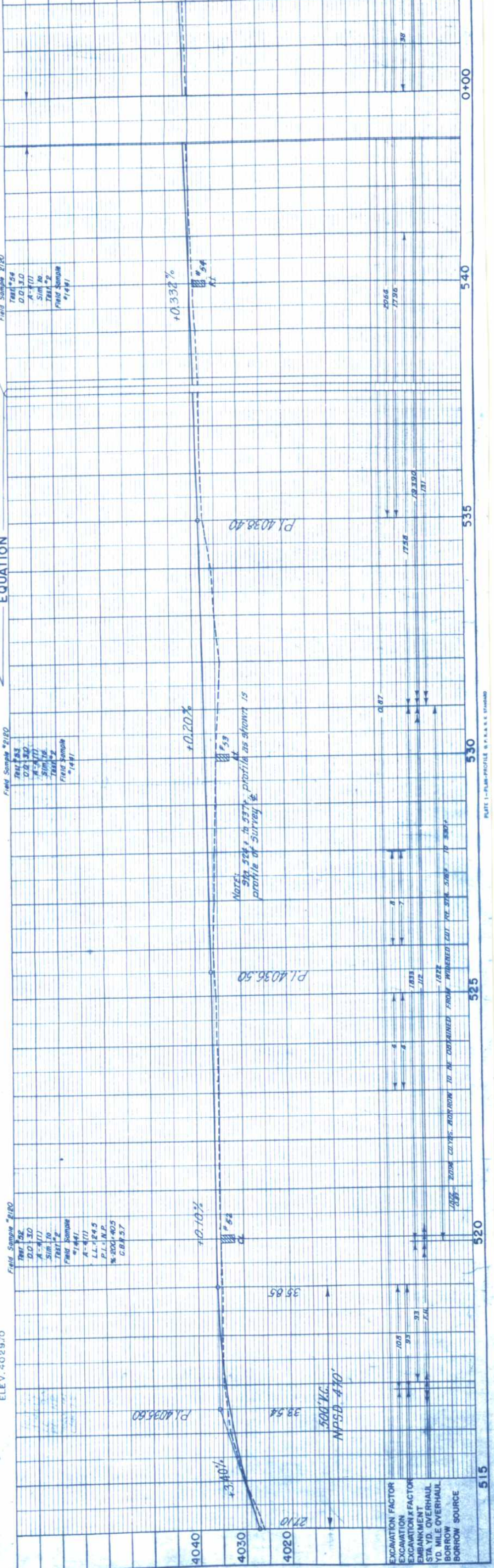
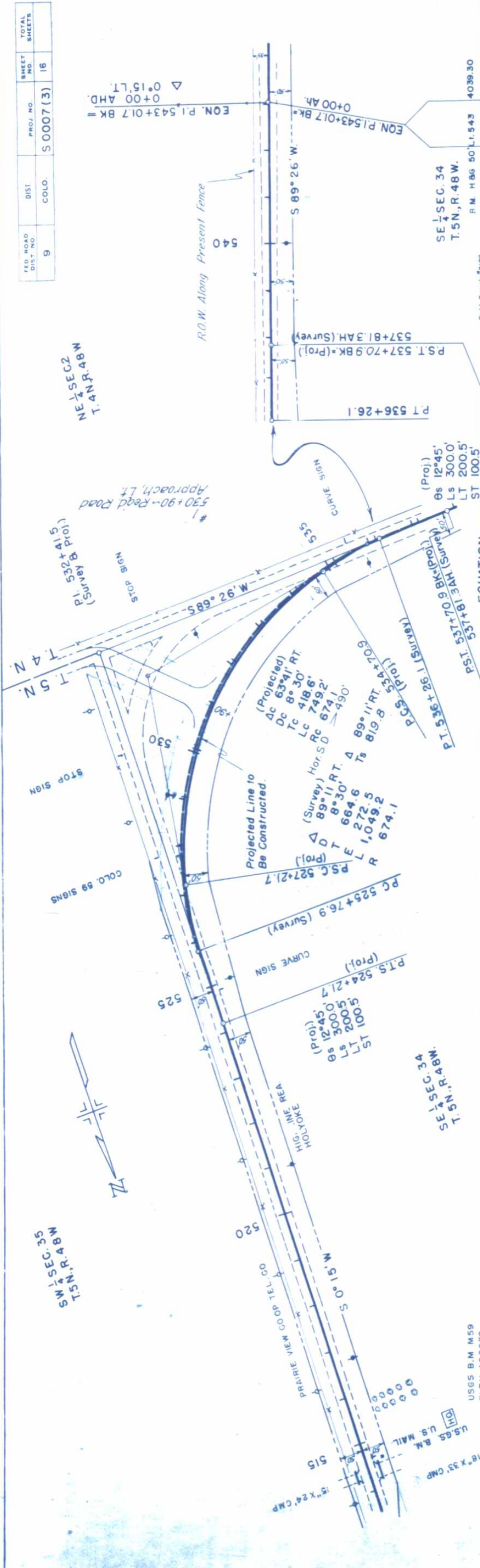
SW 1/4 SEC. 35
T.5N., R.48W.

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0007(3)	15	

Rev ROW 2-25-55 CLR

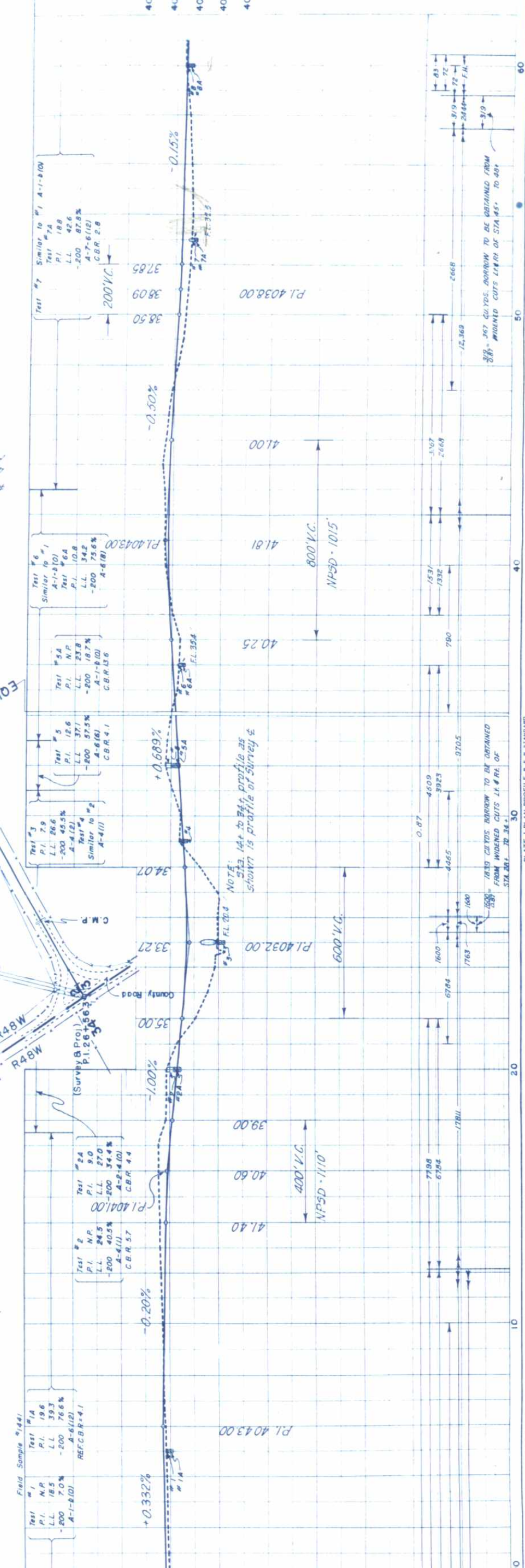
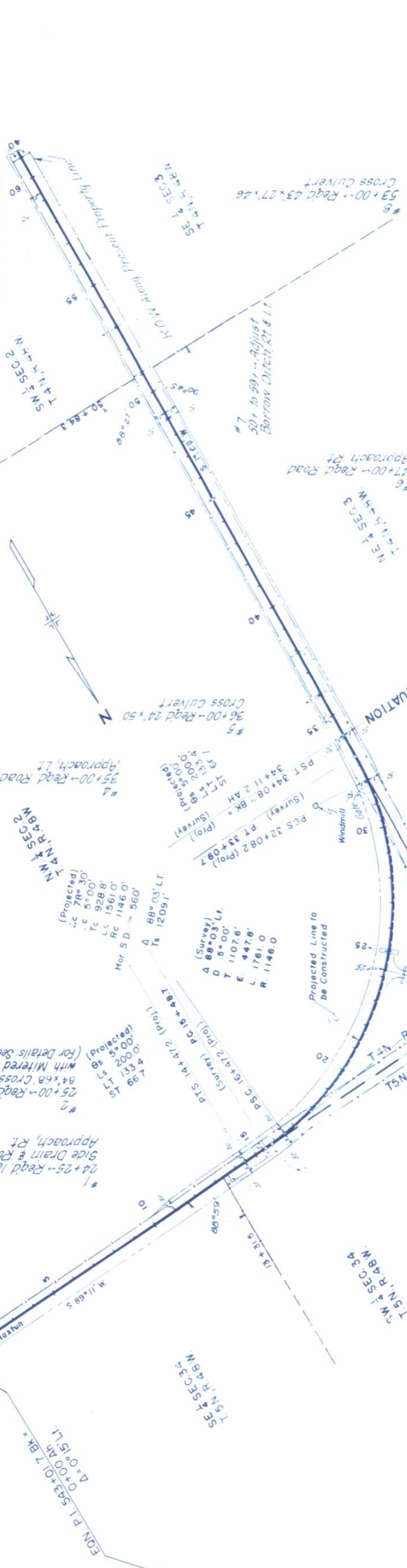


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9	COLO.	S 0007 (3)	16	



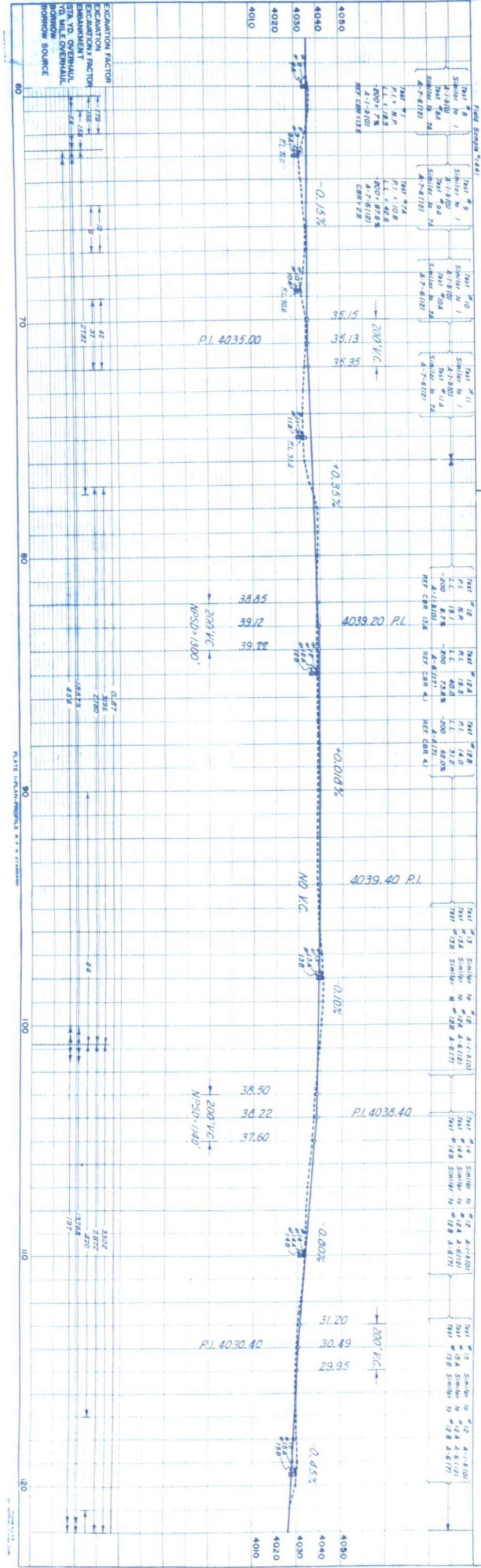
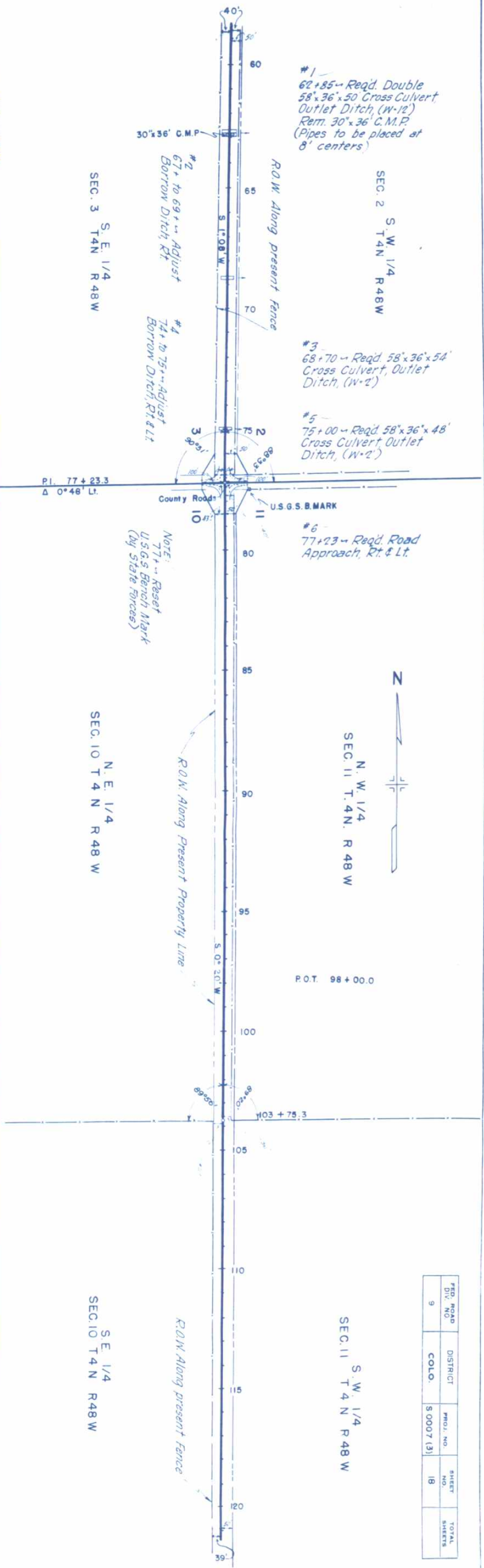
FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0007 (3)	17	

Rev ROW 2-25-55 CLK



PL	NOTE BOOK	DATE	PL	NOTE BOOK	DATE
15454	15454	1-17-58	15455	15455	1-17-58

PROFILE		BY	DATE
	SURVEYED	Hous & Bar	1-18-50
NOTE BOOK	PLUTED	Madras	1-20-50
	GRADES CHECKED	Madras	1-1-50
NO. 15655	B.M. & NOTED		
	STRUCTURE NOTATIONS OKED		



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	15455	Howe & Co.	1-14-38
NO. 15455	PLOTTED	Madison	1-1-38
	CHANGES CHECKED		
	STRUCTURE NOTATIONS OK		

PLAN	SURVEYED	BY	DATE
NO. 15455	15455	Howe & Co.	1-14-38
	PLOTTED	Madison	1-1-38
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

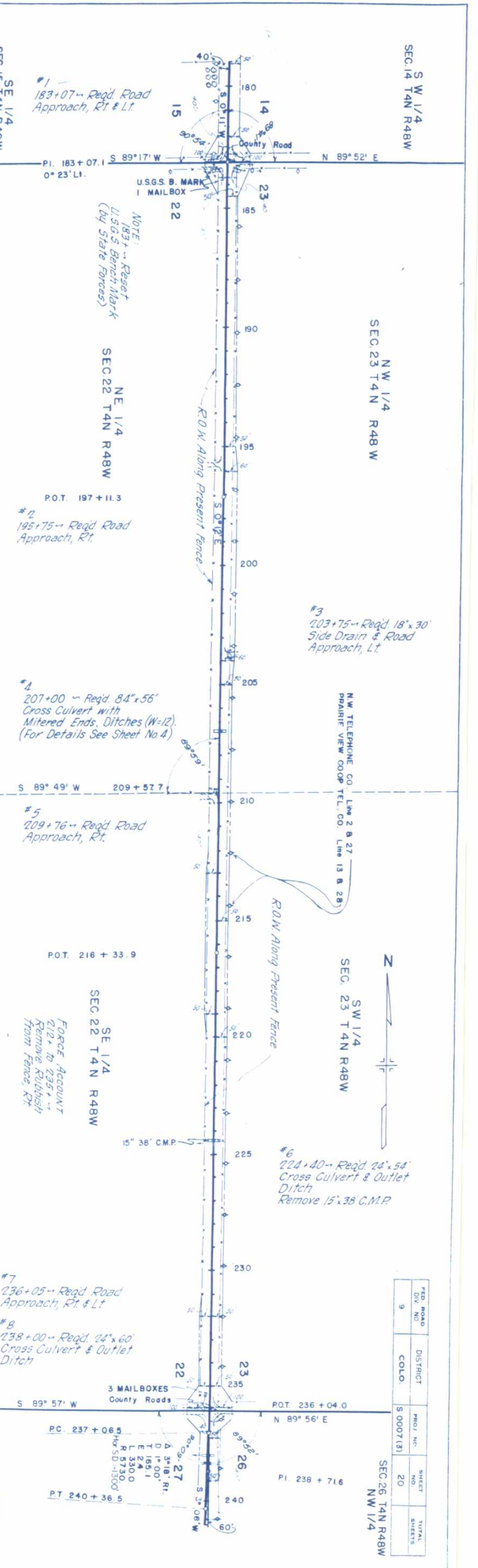
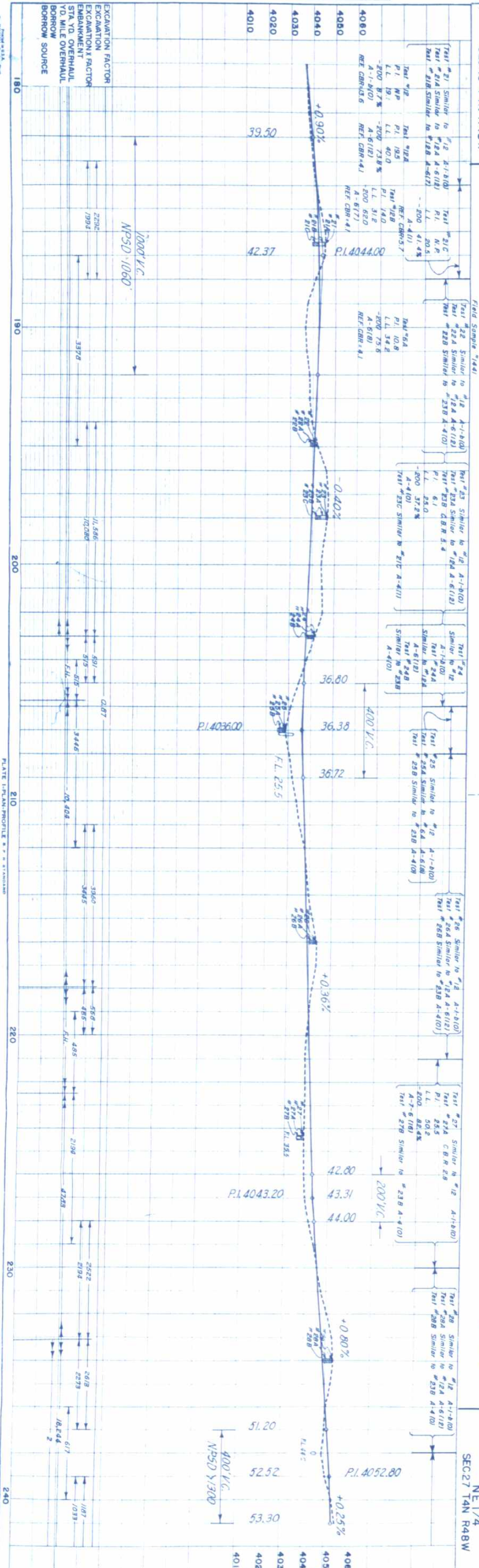


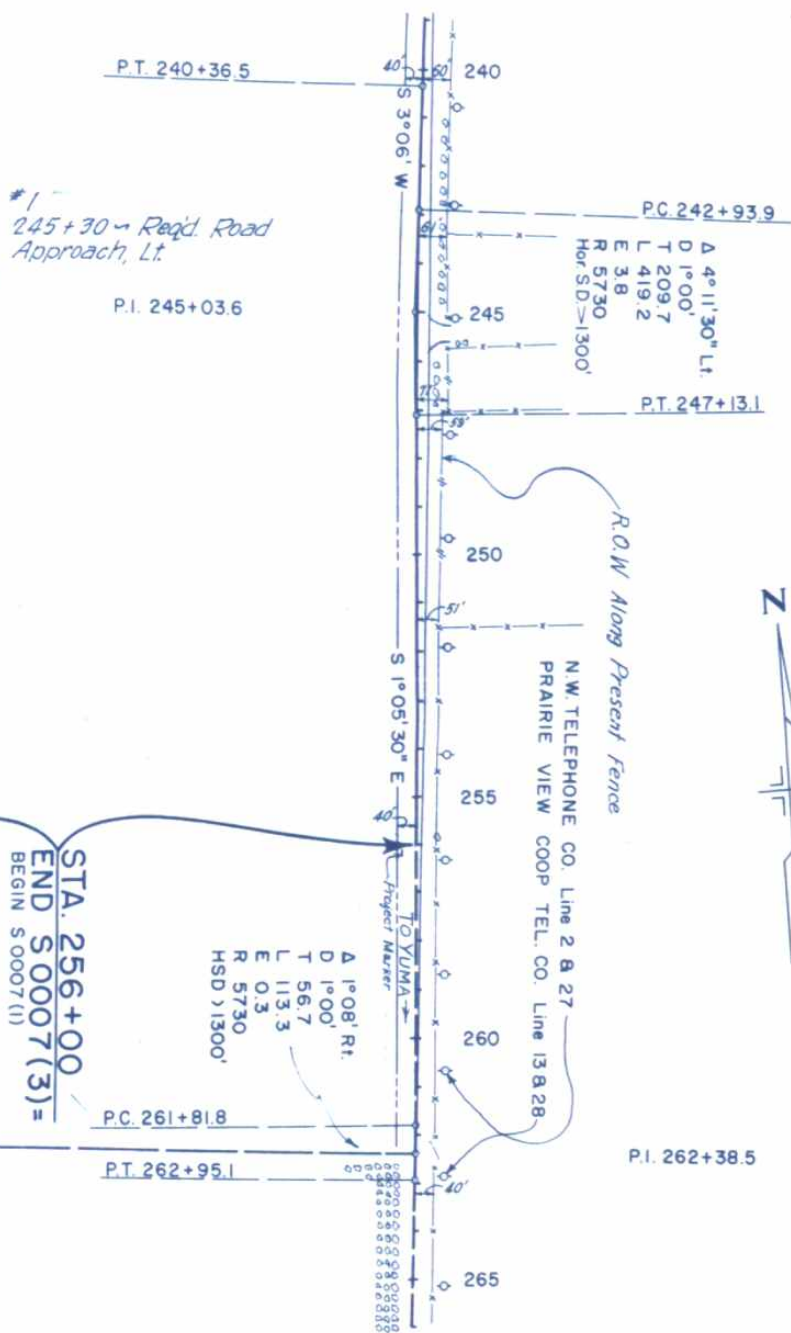
PLATE 1-PLAN PROFILE & P. N. STANDARD

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0007(3)	20	

PI AN	SURVEYED	BY	DATE
	PLOTTED	HOWE & PARTY	7-2-52
	ALIGNMENT CHECKED	HARDEN	7-1-52
	RT. OF WAY CHECKED		
NO. 12456			

PROFILE	SURVEYED	BY	DATE
	PLOTTED	HOWE & PARTY	7-2-52
	GRADES CHECKED	HARDEN	7-1-52
	STRUCTURE NOTATION CHECKED		
NOTE BOOK			
NO. 12456			

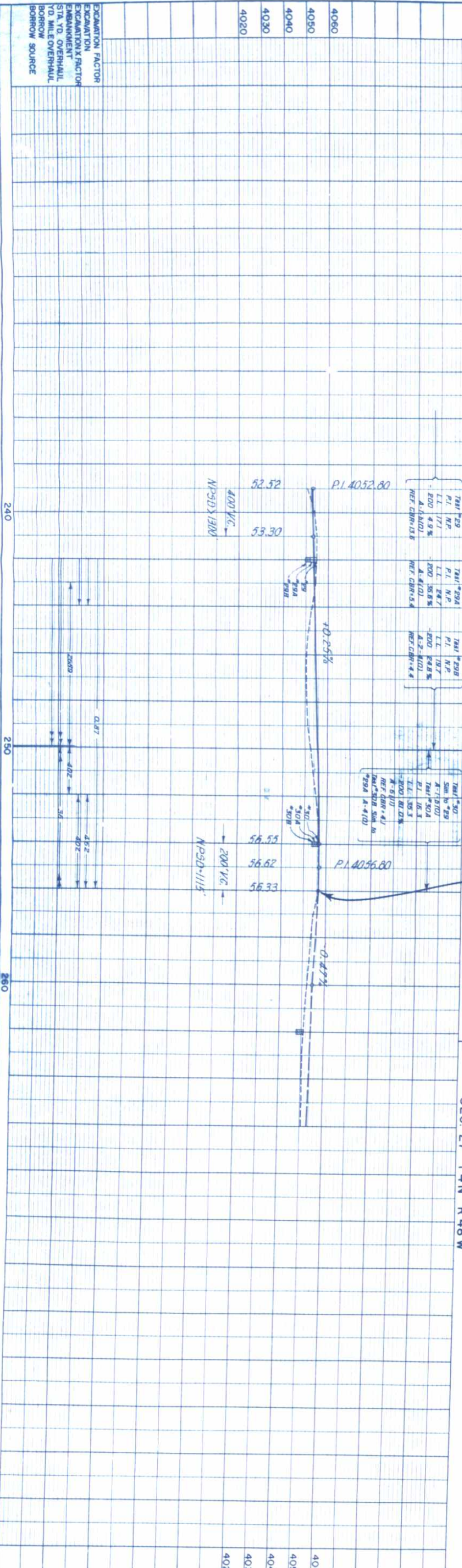
NW 1/4
SEC. 26 T4N R48W



STA. 256+00
END S 0007 (3) =
BEGIN S 0007 (1)

NE 1/4
SEC. 27 T4N R48W

SE 1/4
SEC. 27 T4N R48W



SEC. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0007 (3)	21	