

COLORADO DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. S 0078(1) STATE HIGHWAY NO. 60 LARIMER & WELD COUNTIES

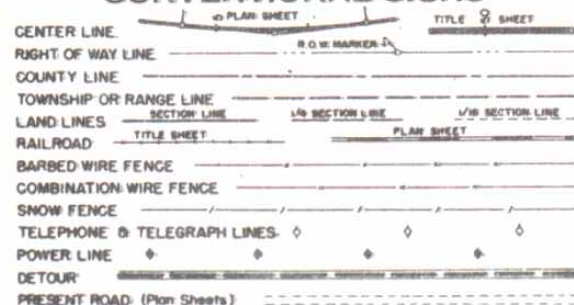
FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	S 0078 (1)	1	1

INDEX OF SHEETS

SHEET NO.

1. SKETCH MAP, TITLE PAGE & TABULATION OF LENGTH AND DESIGN DATA.
2. TYPICAL SECTION AND GENERAL NOTES & SUMMARY OF EARTHWORK QUANTITIES.
3. SUMMARY OF APPROXIMATE QUANTITIES.
- 4-5. STRUCTURE QUANTITIES.
6. DETAILS OF: LAYOUT AT STA. 264+67, CONC. DROP BOX STA. 264+36, CONC. LINED DITCH, END FLARING OF 3'x2' C.B.C. STA. 75+23 & REMOVAL OF PORTIONS OF PRESENT STR. STA. 109+ TABULATIONS OF: SURFACING & SUB-BASE MATERIAL PLAN & DELINEATORS.
7. SINGLE AND DOUBLE CONCRETE BOX CULVERTS.
- 8-17. ALIGNMENT PLAN AND PROFILE.
- 18-19. STRUCTURE CROSS SECTIONS.
- M-2-A. APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE & CREST WIDENING (MAY 1, 1962)
- M-5-A. LETTERS AND FIGURES FOR STRUCTURE NUMBERS (MAY 1, 1962)
- M-6-B. CONSTRUCTION TRAFFIC SIGNS (2 SHEETS) (JAN. 14, 1963)
- M-6-C. IDENTIFICATION SIGNS (MAY 1, 1962)
- M-13-A. DITCH TYPES (MAY 1, 1962)
- M-16-A. BACKFILL AROUND STRUCTURES (MAY 1, 1962)
- M-46-E. WINGWALLS FOR CONCRETE BOX CULVERTS (MAY 1, 1962)
- M-75-A. METAL PLATE GUARD FENCE (JAN. 3, 1963)
- M-95-A. HEADWALLS AND APRONS FOR C.M.P. CULVERTS (MAY 1, 1962)
- M-192-A. DELINEATORS (NOV. 15, 1962)

CONVENTIONAL SIGNS



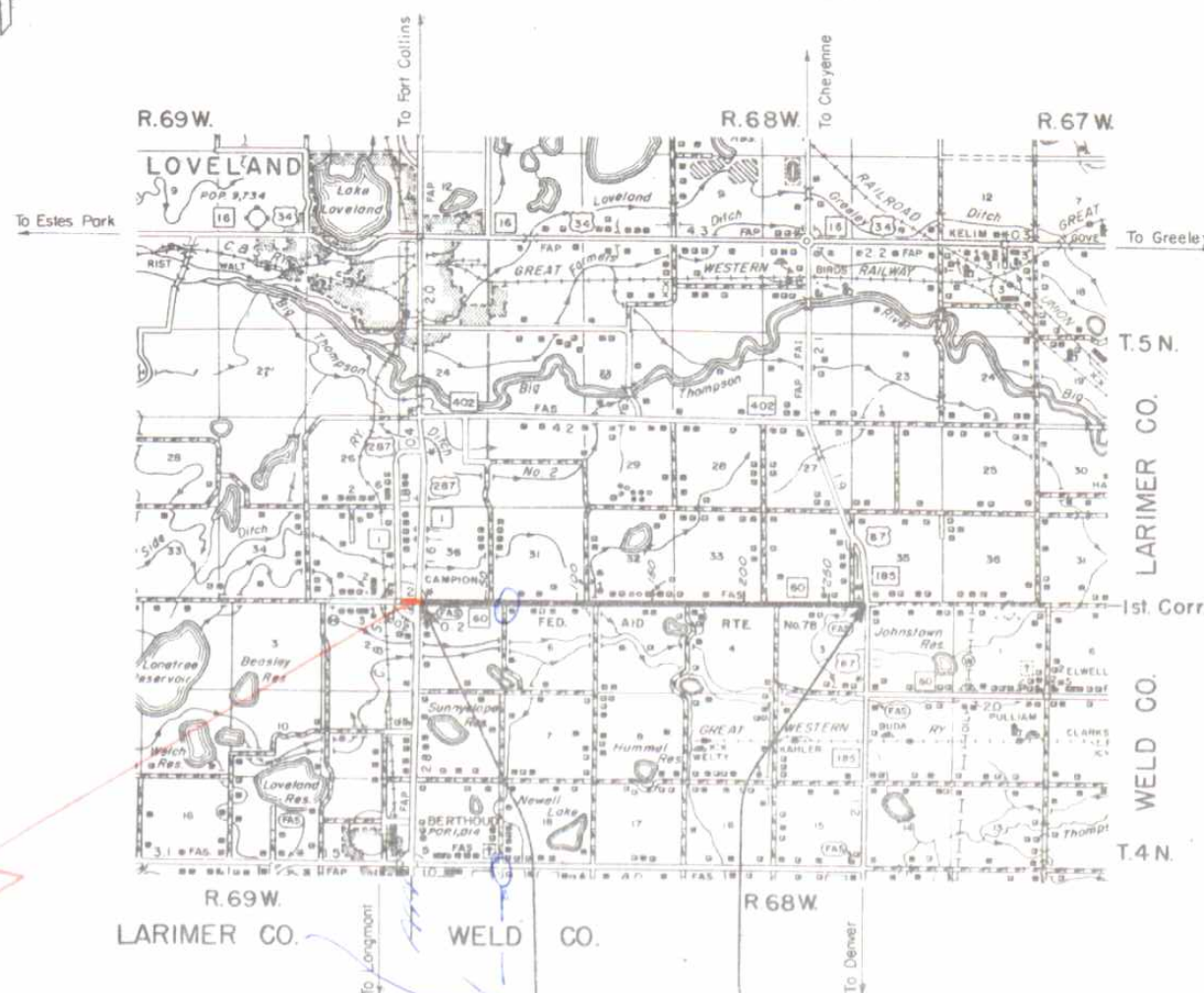
SCALES OF ORIGINAL DRAWINGS

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

TABULATION OF LENGTH & DESIGN DATA

STATION	ROADWAY	
	LIN. FT.	
STA. 10+89 BEGIN S0078(1) 20' Lt. Sta. 149+15.4 on C-06-0001-12	25,611.0	
STA. 267+00 END S0078(1) 405.2' to Sta. 230+38.7 on I 25-3(22) 25' & I 25-3(28) 25'	25,611.0	
TOTAL	25,611.0	
SUMMARY		
	LIN. FT.	MILES
ROADWAY	25,611.0	4.851
TOTAL (Net & Gross Length)	25,611.0	4.851
DESIGN DATA		
MAXIMUM DEGREE OF CURVE	TANGENT	
MAXIMUM GRADE	2.90%	
MINIMUM S.S.D. HORIZONTAL	480'	
MINIMUM S.S.D. VERTICAL	60 M.P.H.	
MAXIMUM DESIGN SPEED		



STA. 10+89 BEGIN S0078(1)

20' Lt. Sta. 149+15.4 on C. 06-0001-12

STA. 267+00 END S0078(1)

405.2' to Sta. 230+38.7 on I 25-3(22) 25' & I 25-3(28) 25'

SCALE OF MILES
0 1 2 3

AS CONSIDERED BY THE
RETURN TO DIST. 4 DESIGN



SEE SPECIAL PROVISIONS FOR NOTICE TO BIDDERS

COLORADO
DEPARTMENT OF HIGHWAYS

APPROVED: *[Signature]* 2-21-63
CHIEF ENGINEER DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____ DATE _____
DIVISION ENGINEER

S.E. 1/4 Sec. 35
T.5N. R. 69W.

S.W. 1/4 Sec 36
T. 5 N. R. 69 W.

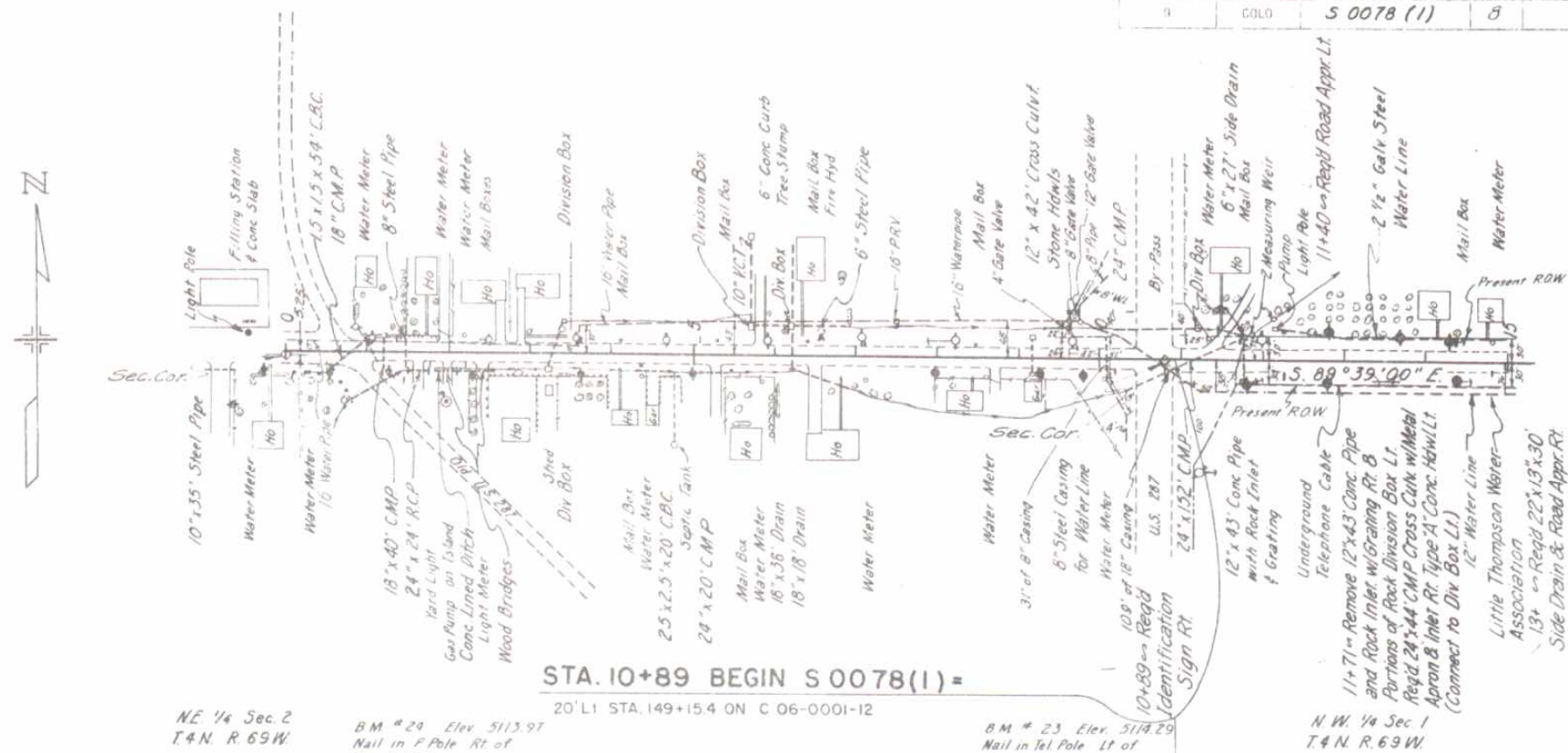
Note:

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

Clearing and Grubbing, entire project will consist of grass and weeds with some light brush at the irrigation canals.

OFF - DAD C.M.A.	LOT	POST NO	OFF NO	PAID AMOUNT
9	COLO	S 0078 (1)	8	







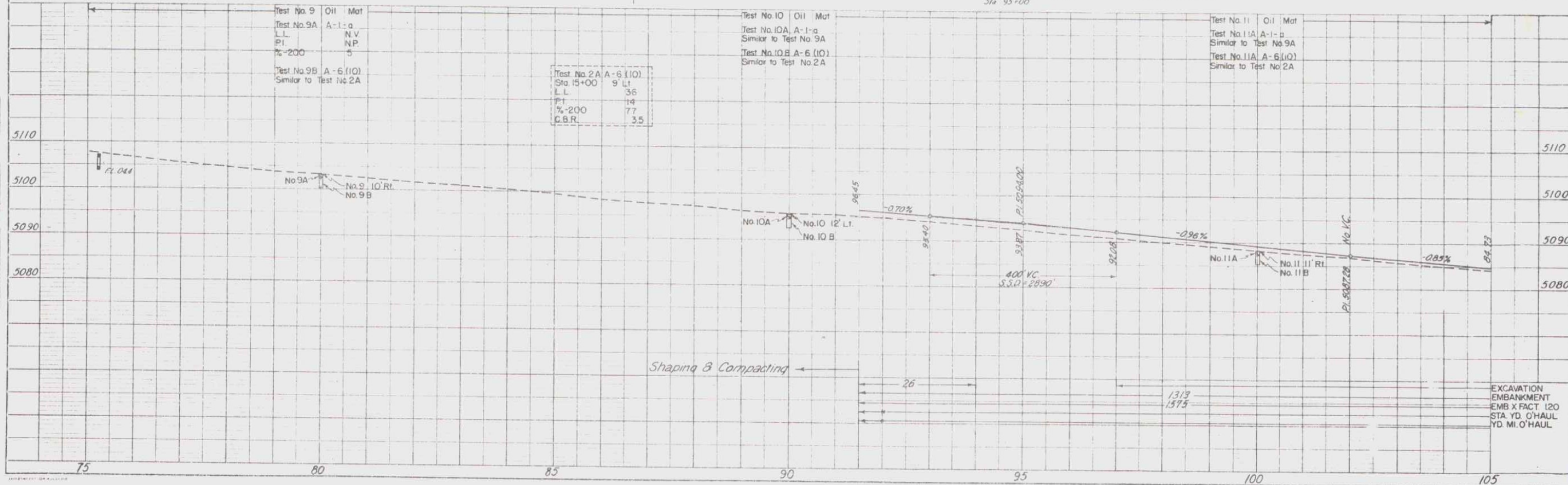
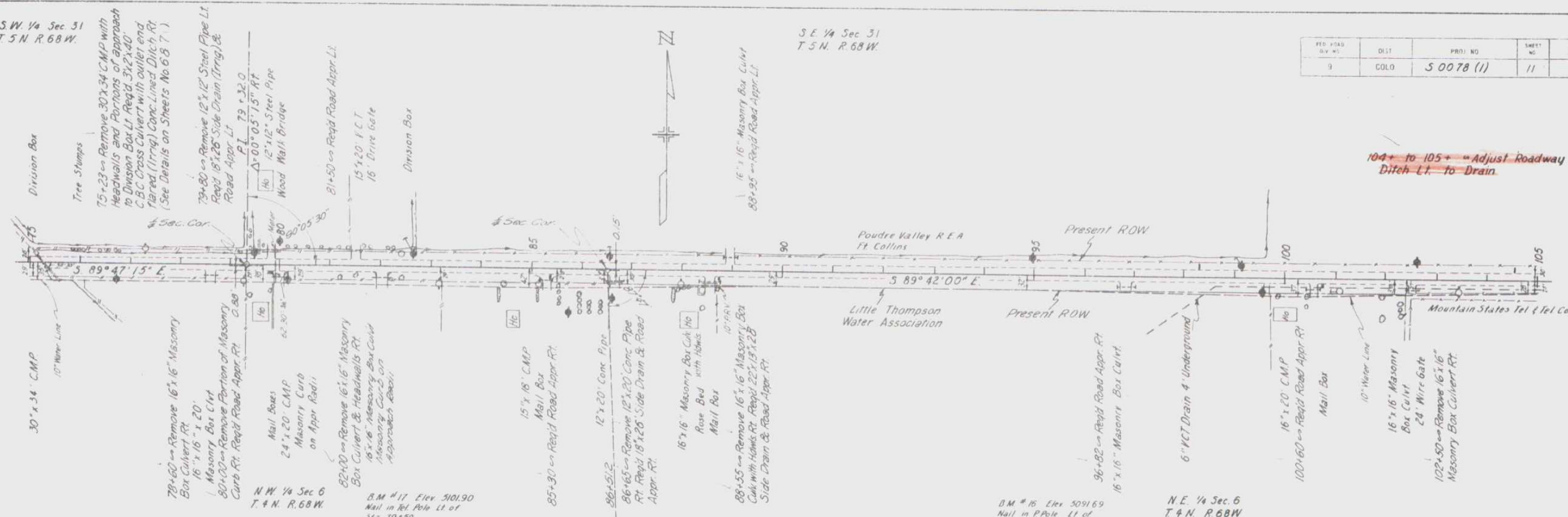
PLAN	DATE	BY	FILE
UNREVIEWED			
PLOTTED			
ALIGNMENT CHECKED			
ET OF WALL CHECKED			

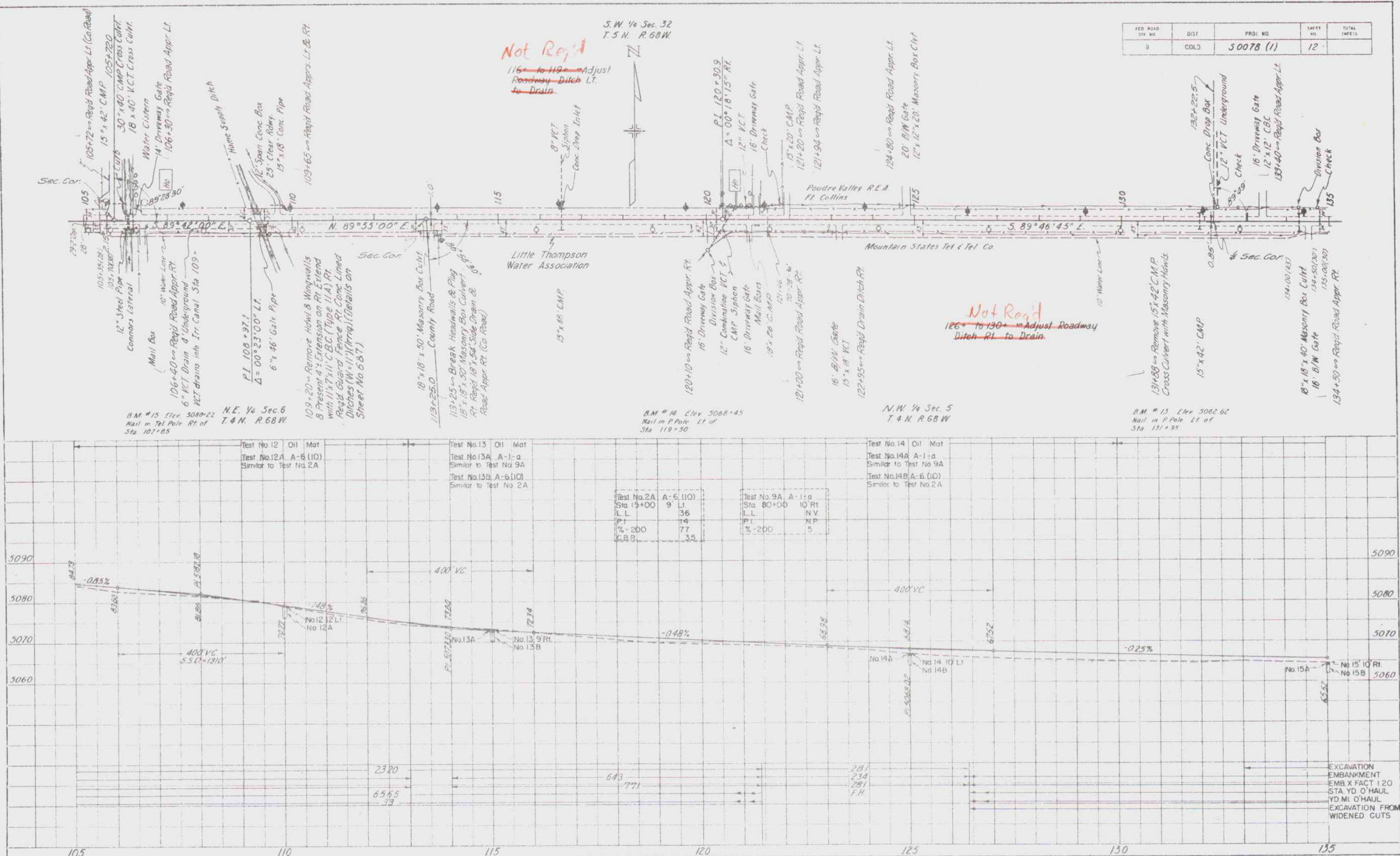
PROFILE	BY	DATE
UNREVIEWED		
NOTE BOOK		
EMB. CHECKED		
NO. 13.11		
STRUCTURE MEAS. BY H.W.		

S.W. 1/4 Sec 31
T.5N. R.68W.

S.E. 1/4 Sec 31
T.5N. R.68W.

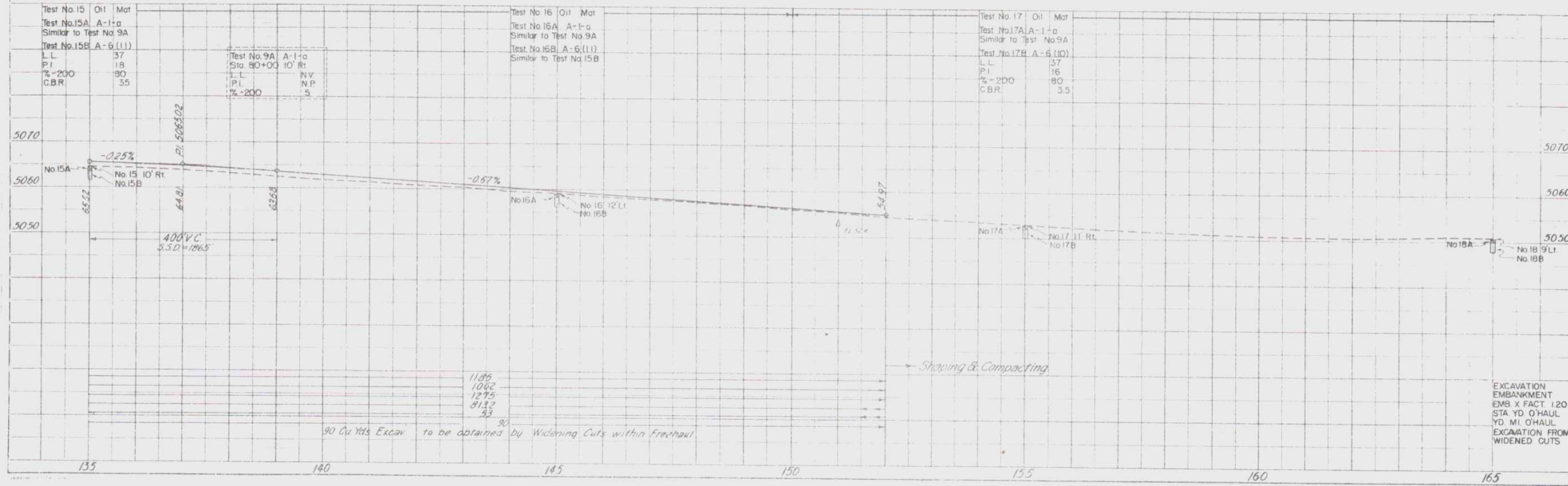
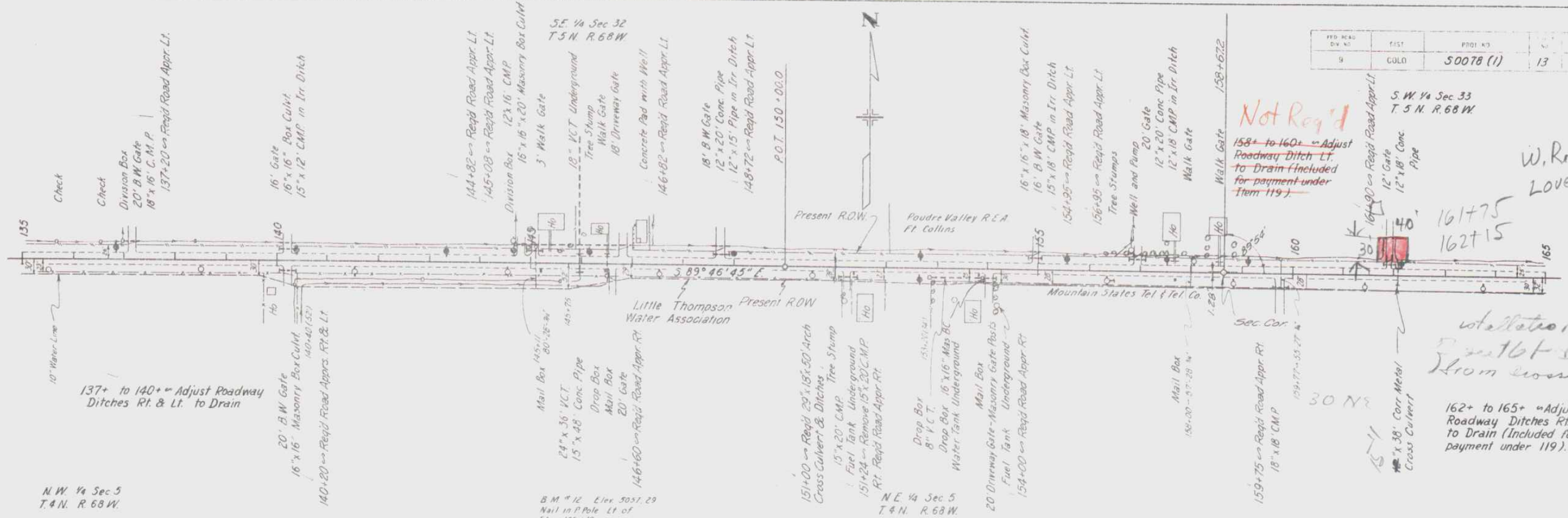
FEED ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	5 0078 (1)	11	





PLAN	SECTION	DETAIL
2390	2391	2392

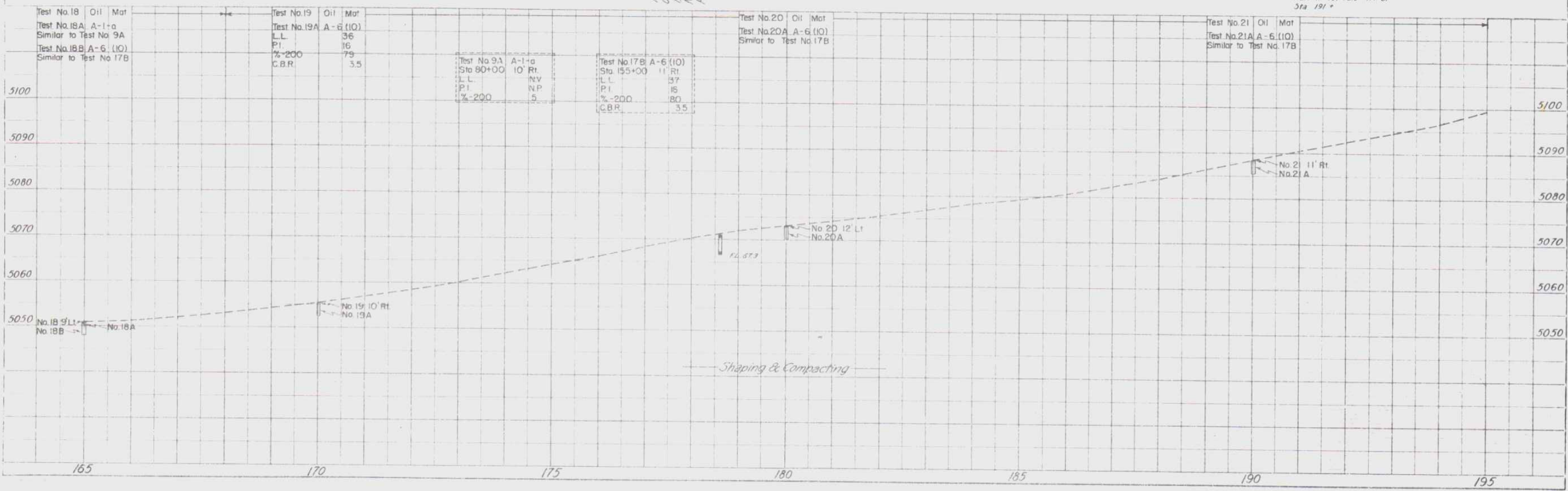
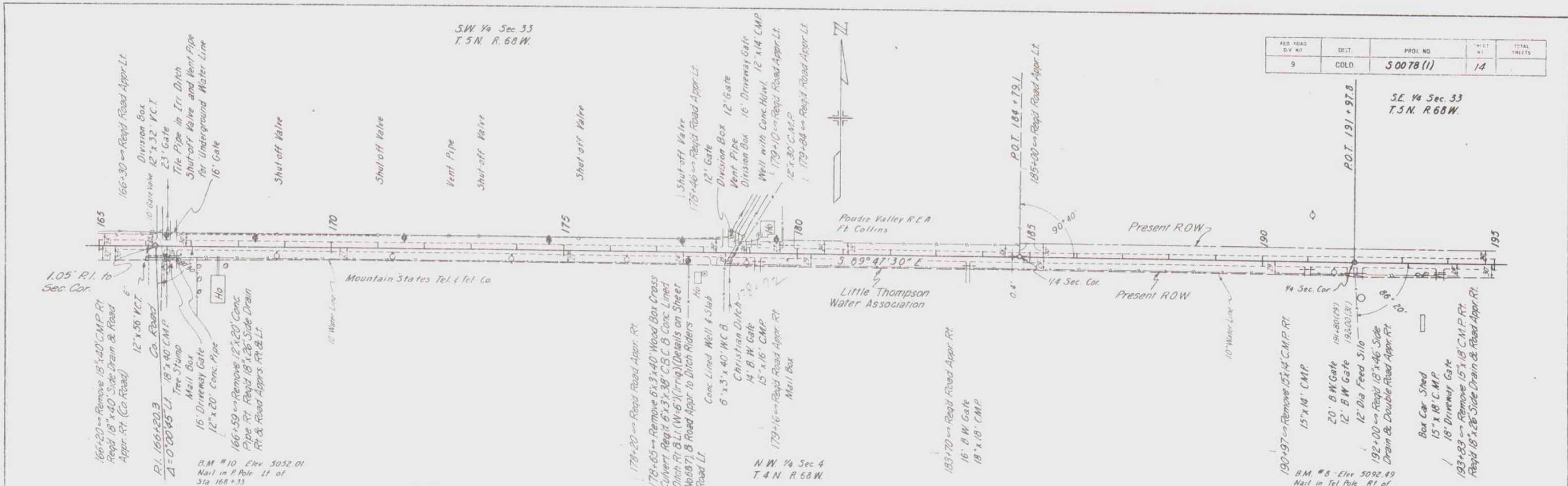
PROJ. NO.	DIST.	PROJ. NO.	DATE
50078 (1)	13		



W.R. Saulcy
Love Land

Installation
of 16' Gate
from cross culvert

PLAN
SHEET NO. 2301
DATE
BY



FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	50078 (1)	14	

S.E. 1/4 Sec. 33
T. 5 N. R. 68 W.

B.M. #8 - Elev. 5092.49
Nail in Tel. Pole Rt. of Sta. 191 +

S.W. 1/4 Sec. 34
T. 5 N. R. 68 W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	50078 (1)	15	.

S.W. 1/4 Sec. 34
T.5N. R.68W.

S.E. 1/4 Sec. 34
T.5N. R.68W.

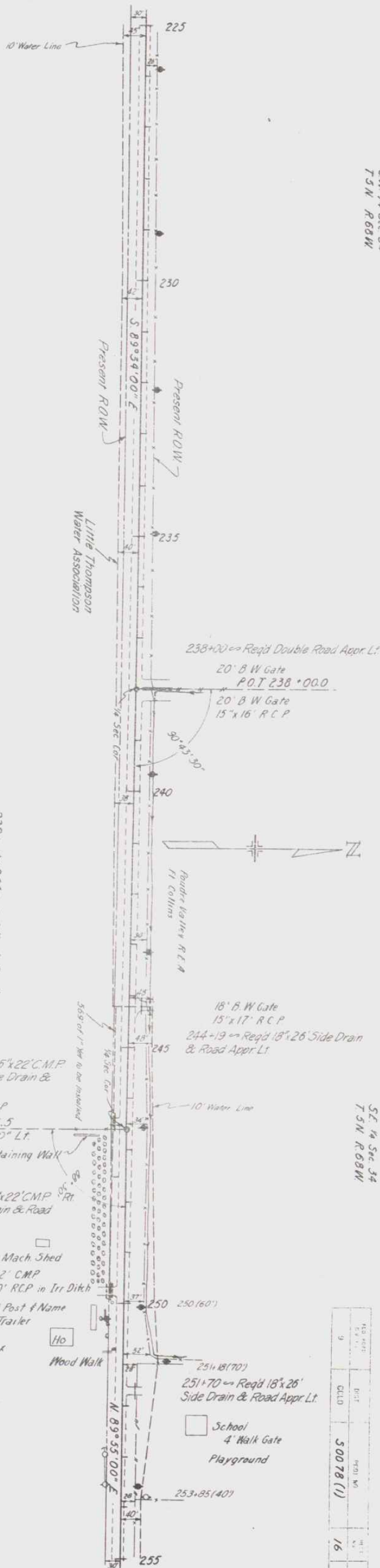
RECD	DATE	BY	NO.	DATE	BY
9		CLLO	50078 (1)	16	

PLAN	DATE	BY	NO.	DATE	BY
23970		CLLO	50078 (1)	16	
23971		CLLO	50078 (1)	16	

B.M. #5 Elev. 5087.61
Nail in P. Pole L.E. of
Sta. 225+75

N.W. 1/4 Sec. 3
T.4N. R.68W.

N.E. 1/4 Sec. 3
T.4N. R.68W.



239+ to 244+ - Adjust Roadway
Ditches Rt. & Lt. to Drain
(Included for payment under Item 119).

246+46 - Remove 15'x22' C.M.P.
Rt. Reg'd 24'x26' Side Drain &
Road Appr. Rt.

15'x22' C.M.P.
P.I. 246+61.5
 $\Delta = 00^{\circ}31'00''$ Lt.

Conc. Retaining Wall

249+79 - Remove 15'x22' C.M.P.
Rt. Reg'd 24'x26' Side Drain & Road
Appr. Rt.

Upright Silo
Barn
Mach. Shed
15'x22' C.M.P.
15'x20' R.C.P. in Irr. Ditch
Steel Post & Name
10'x48' House Trailer
Mail Box

School
4' Walk Gate
Playground

Test No. 25 (O.I.) Met
Test No. 25A A-6 (10)
Similar to Test No. 17B
Test No. 25B A-6 (10)
Similar to Test No. 24B

Test No. 26 (O.I.) Met
Test No. 26A A-6 (10)
Similar to Test No. 17B
Test No. 26B A-6 (10)
Similar to Test No. 24B

Test No. 17B A-6 (10)
Sta. 155+00 11' Rt.
P.I. 16
% 200
C.B.R. 35

Test No. 24B A-6 (10)
Sta. 215+00 8' Lt.
P.I. 14
% 200
C.B.R. 35

Test No. 27 (O.I.) Met
Test No. 27A A-6 (10)
Similar to Test No. 17B
Test No. 27B A-6 (10)
Similar to Test No. 24B

Test No. 28 (O.I.) Met
Test No. 28A A-6 (10)
Similar to Test No. 17B
Test No. 28B A-6 (10)
Similar to Test No. 24A

Shaping & Compacting

EXCAVATION
EMBANKMENT
EMB. X FACT 1.20
STA. TO O. PAUL
70.0 MI. O. PAUL



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0078 (1)	17	

