

COLORADO DEPARTMENT OF HIGHWAYS

CONVENTIONAL SIGNS

CENTER LINE	RIGHT OF WAY LINE	TOWNSHIP OR RANGE LINE	LAND LINES	RAILROAD	COMBINATION WIRE FENCE	SNOW FENCE	TELEPHONE & TELEGRAPH LINES	POWER LINE	DETOUR	PRESENT ROAD (Plan Sheets)
TITLE SHEET										

TITLE SHEET

CENTER LINE	RIGHT OF WAY LINE	TOWNSHIP OR RANGE LINE	LAND LINES	RAILROAD	COMBINATION WIRE FENCE	SNOW FENCE	TELEPHONE & TELEGRAPH LINES	POWER LINE	DETOUR	PRESENT ROAD (Plan Sheets)
TITLE SHEET										

TABULATION OF LENGTH & DESIGN DATA

DESCRIPTION	ROADWAY LIN. FT.	CBC'S LIN. FT.
12+00, BEGIN S0030(8) 1,144' EAST OF STA. 1185+04 ON I 25-3 (4) 229. 35+18.6 C.B.C., 35+45.1	2,318.8	26.3
52+15.3 C.B.C., 52+39.2	1,670.2	23.9
132+01.5, END S0030(8)	7,962.3	
TOTALS	11,951.3 LIN. FT.	50.2 MILES
SUMMARY	11,951.3 50.2	2.264 0.009
ROADWAY C.B.C.'S		
TOTALS	12,001.5	2.273
DESIGN DATA		
MAXIMUM DEGREE OF CURVE	0° 30'	
MAXIMUM GRADE	2 %	
MINIMUM N.P.S.D. HORIZONTAL	> 1300	
MINIMUM N.P.S.D. VERTICAL	620'	
MAXIMUM DESIGN SPEED	60 MPH.	

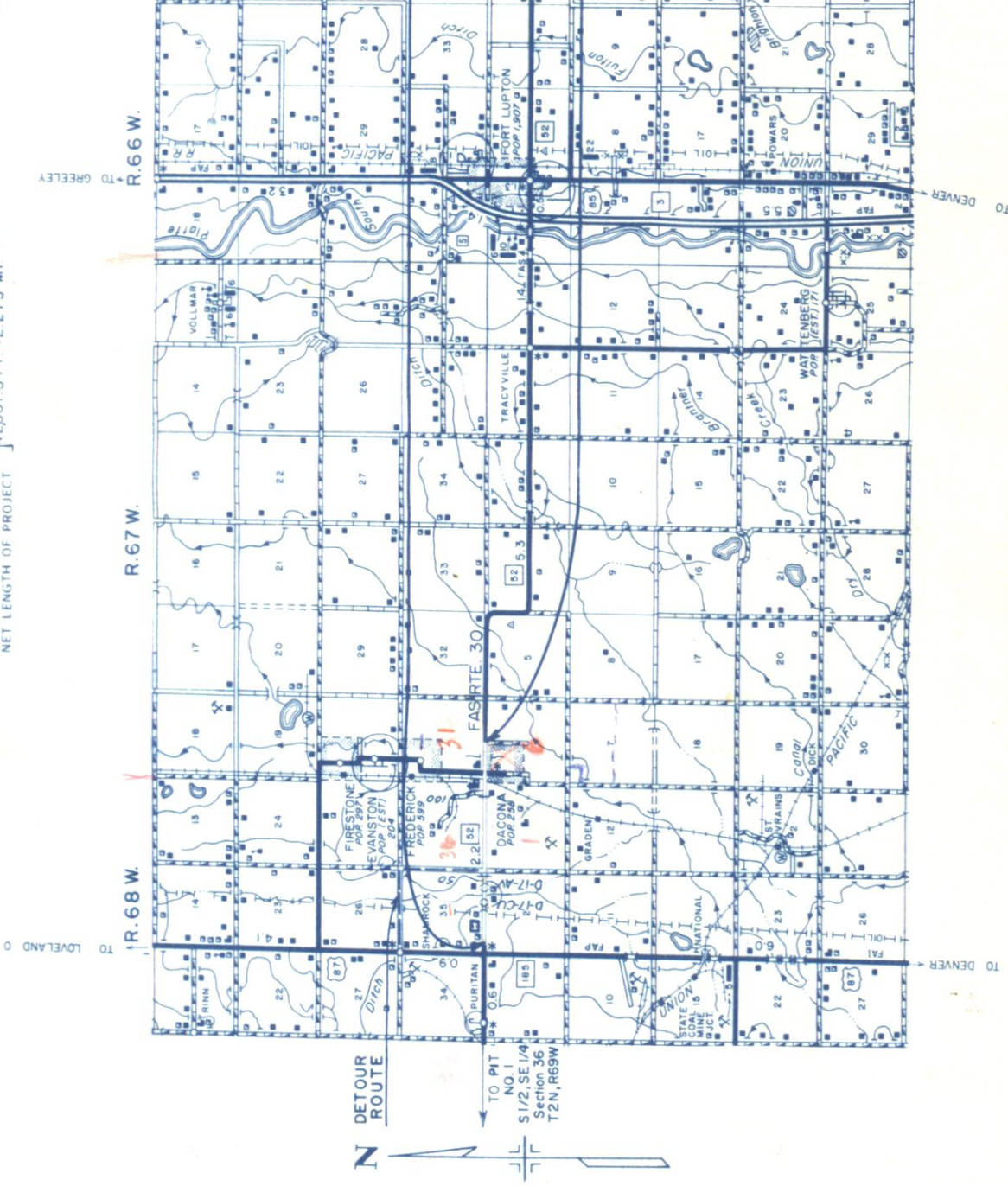
PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. S 0030 (8) STATE HIGHWAY NO. 52 WELD COUNTY

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
GROSS LENGTH OF PROJECT 12,001.5 FT. = 2.273 MI.
NET LENGTH OF PROJECT

AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN



INDEX OF SHEETS

SHEET NO.	TITLE SHEET, SKETCH MAP, TABULATION OF LENGTH & DESIGN DATA.
1	TITLE SHEET, SKETCH MAP, TABULATION OF LENGTH & DESIGN DATA.
2	TYPICAL CROSS SECTION OF IMPROVEMENT, GENERAL NOTES, TABULATION OF ROW, MARKERS, TIMBER GUARD POSTS, & SUMMARY OF EARTHWORK QUANTITIES.
3	SUMMARY OF APPROXIMATE QUANTITIES.
4-5	LIST OF STRUCTURE QUANTITIES, STRUCTURE BACKFILL DIAGRAM FOR C.B.C. (STA. 50+), & FENCING REQUIREMENTS.
6	PIT SKETCH, SUB-BASE & SURFACING PLANS, DETAIL OF DITCH CHECKS (STA. 573+ - 87+), DETAIL OF DIVISION BOX (STA. 511+), & DETAIL OF DOUBLE DRIVEWAY GATE (STA. 511+).
7	DETAILS OF C.B.C.'S (STA. 35+ & 52+).
8	STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES (CROWNED HIGHWAYS).
9	STANDARD SIDE APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, & WIDENING AT BRIDGES AND AT CREST OF GRADES.
10	STANDARD MARKER POSTS & BENCH MARKS.
11	STANDARD LETTERS & FIGURES FOR YEAR NUMBERS & STRUCTURE NUMBERS.
12	STANDARD TYPES OF RAILROAD WARNING SIGNS.
13	STANDARD TIMBER GUARD POSTS.
14	STANDARD WIRE FENCE WITH METAL POSTS.
15-16	STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS.
17	STANDARD TIMBER BARRICADES.
18	STANDARD SINGLE AND DOUBLE CONCRETE BOX CULVERTS.
19	STANDARD WINGWALLS FOR VARIOUS TYPES OF CONCRETE BOX CULVERTS.
20	STANDARD METHODS OF BACKFILL AROUND STRUCTURES.
21	STANDARD HEADWALLS & APRONS FOR C.M.P. CULVERTS.
22	STANDARD TYPES OF DITCHES & CONSTRUCTION METHODS.
23	REINFORCED CONCRETE CULVERT PIPE & CONCRETE SEWER PIPE.
24	STANDARD END & ANGLE SECTIONS, & EXPANSION JOINTS FOR CONCRETE PIPE.
25-29	PLAN & PROFILE SHEETS.
30-56	CROSS SECTIONS.
57-78	UPPER CO. HIGHWAY CROSSING SIGNALS LOCATION & CIRCUIT PLAN.

STA. 12+00 BEG. S 0030 (8)

1,144' EAST OF STA. 1185+04 ON
I 25-3 (4) 229.

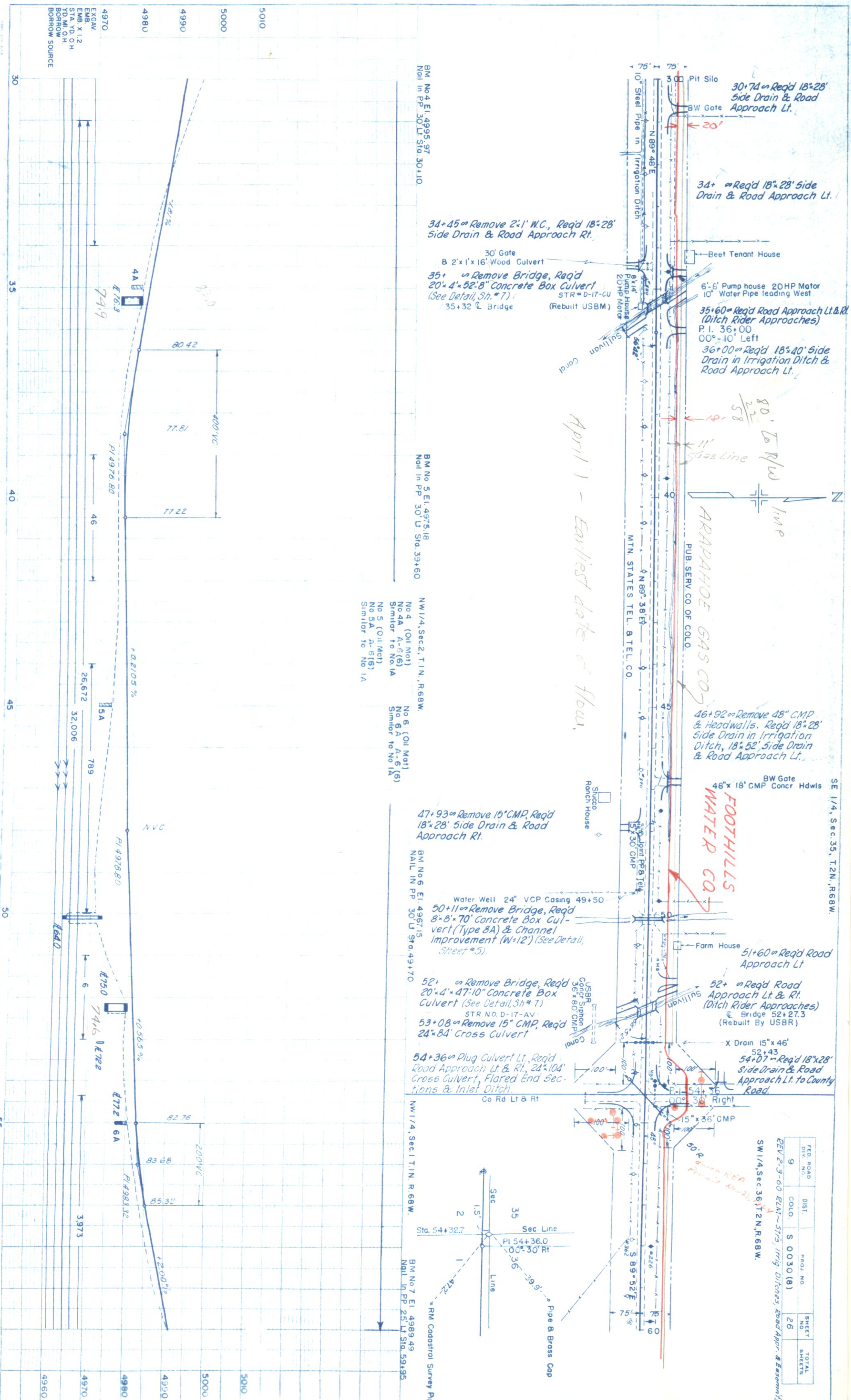
STA. 132+01.5 END S 0030 (8)

SEE SPECIAL PROVISIONS FOR NOTICE TO BIDDERS

COLORADO DEPARTMENT OF HIGHWAYS	APPROVED 9-18-59 DATE
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DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	APPROVED DATE
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SCALE OF MILES
0 1/2 1 2 3

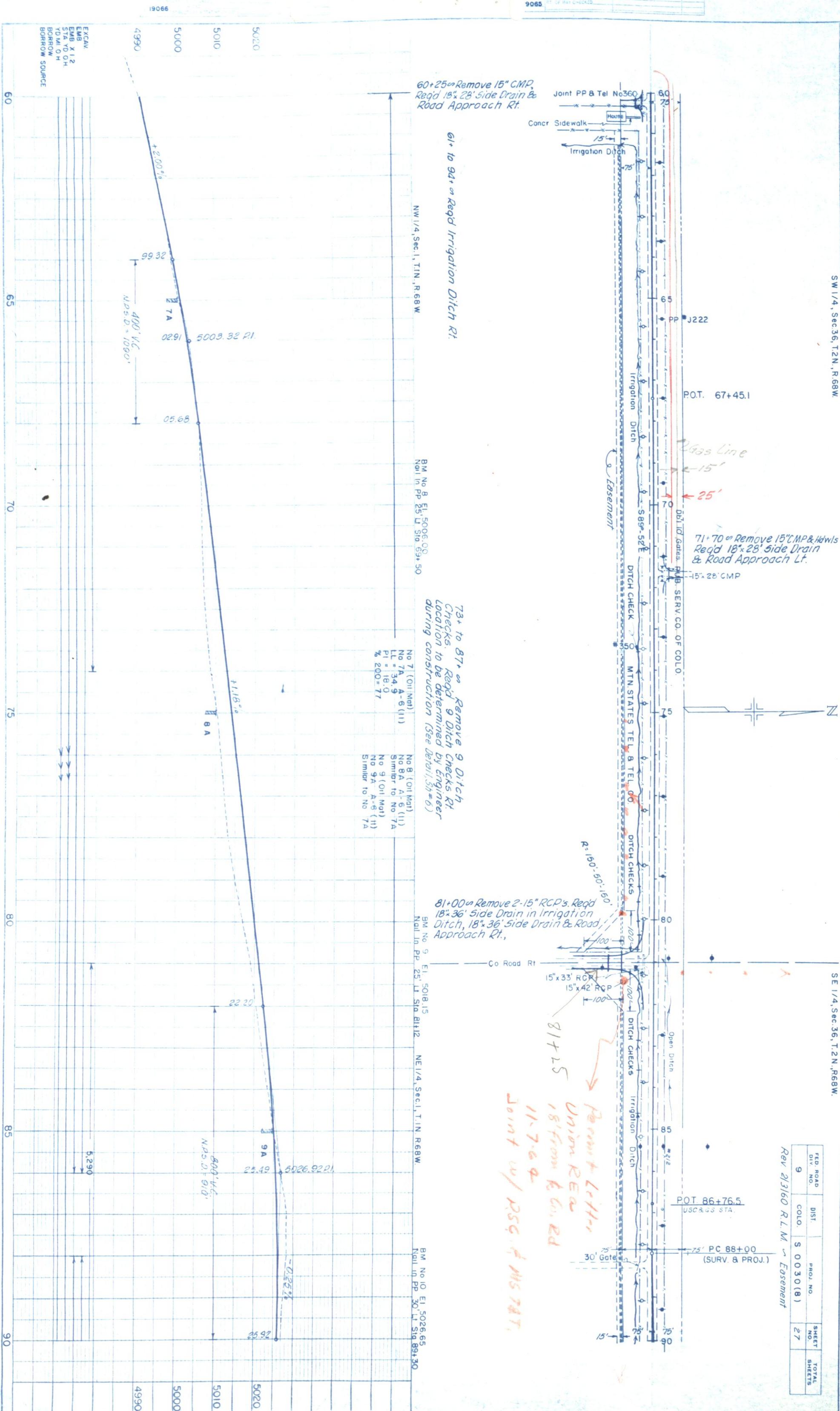


FILE NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0030 (8)	26	

REV. 2-3-00 ELM-575, Irrig. Ditches, Road Appr. & Easement
SW 1/4, Sec. 36, T. 2N., R. 68W.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0030(8)	27	

Rev. 2/3/60 R.L.M. ~ Easement

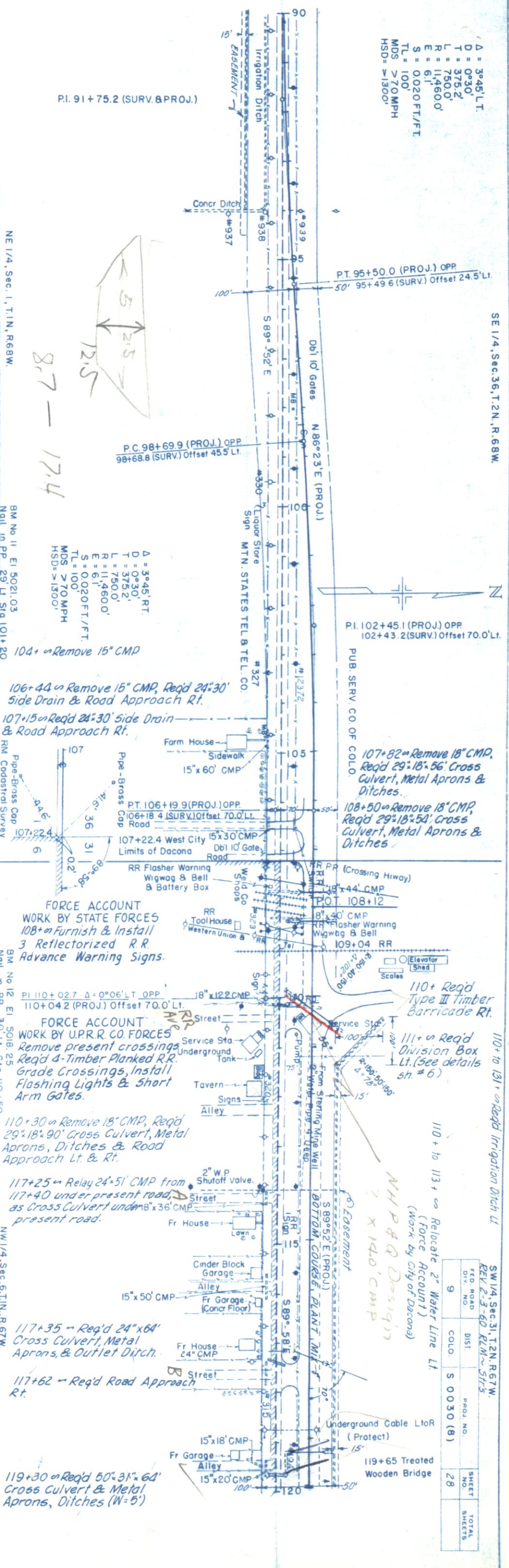
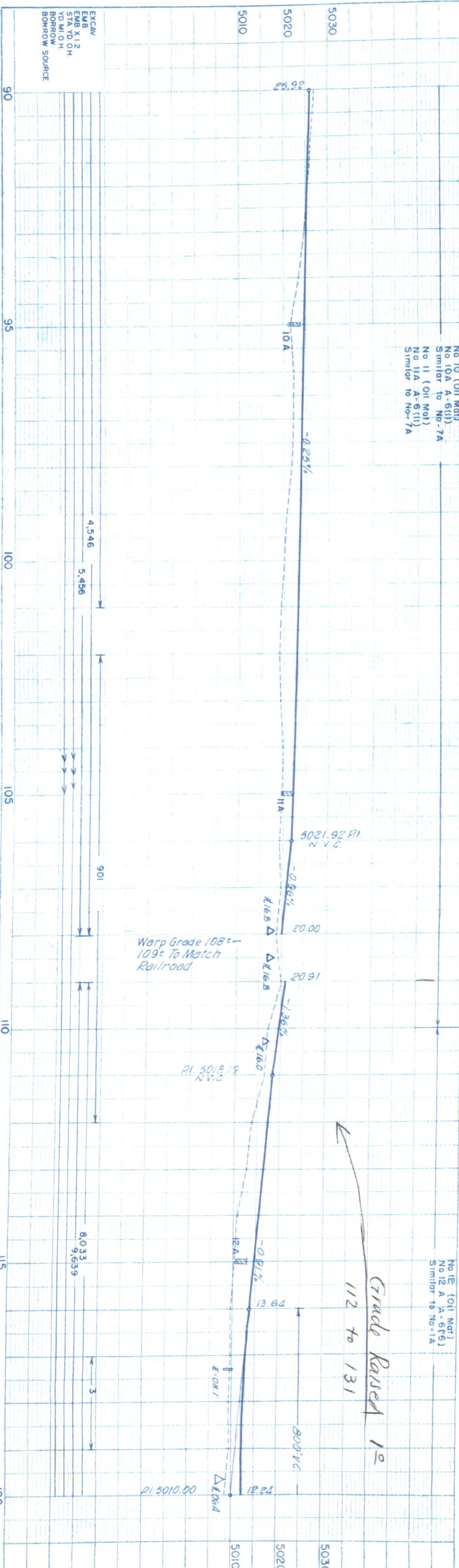


PROFILE	DATE
NOTE BOOK	19066
NO. 19066	

PLAN	DATE
NOTE BOOK	19066
NO. 19066	

$\Delta = 3^{\circ}45'11''$
 $D = 0^{\circ}30'$
 $T = 375.2'$
 $L = 750.0'$
 $R = 11,460.0'$
 $E = 6.1'$
 $S = 0.020 \text{ FT/FT}$
 $TL = 100'$
 $MDS > 70 \text{ MPH}$
 $HSD = 1300'$

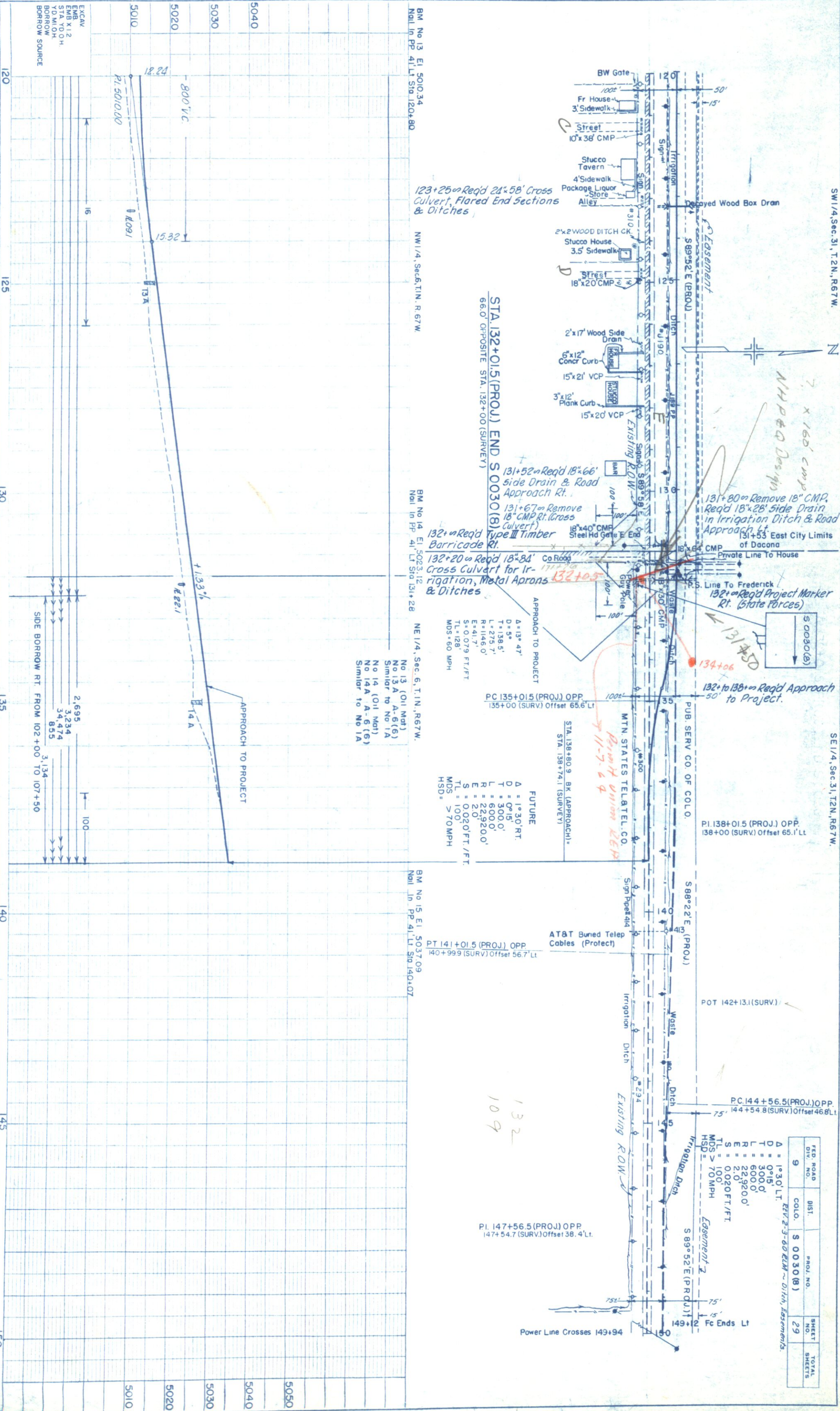
SE 1/4, Sec. 36, T.2N, R.68W.



SHEET	TOTAL
NO.	NO.
28	28

PLAN	SURVEYED	BY	DATE
BOOK	PLOTTED		
1065	ALIGNED CHECKED		
	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO 19066	W. 3 NOTED		
	STRUCTURE NOTATIONS CH KD		



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0030(8)	29	

REV. 2-3-60 ELM - Ditch, Easements.

132
109