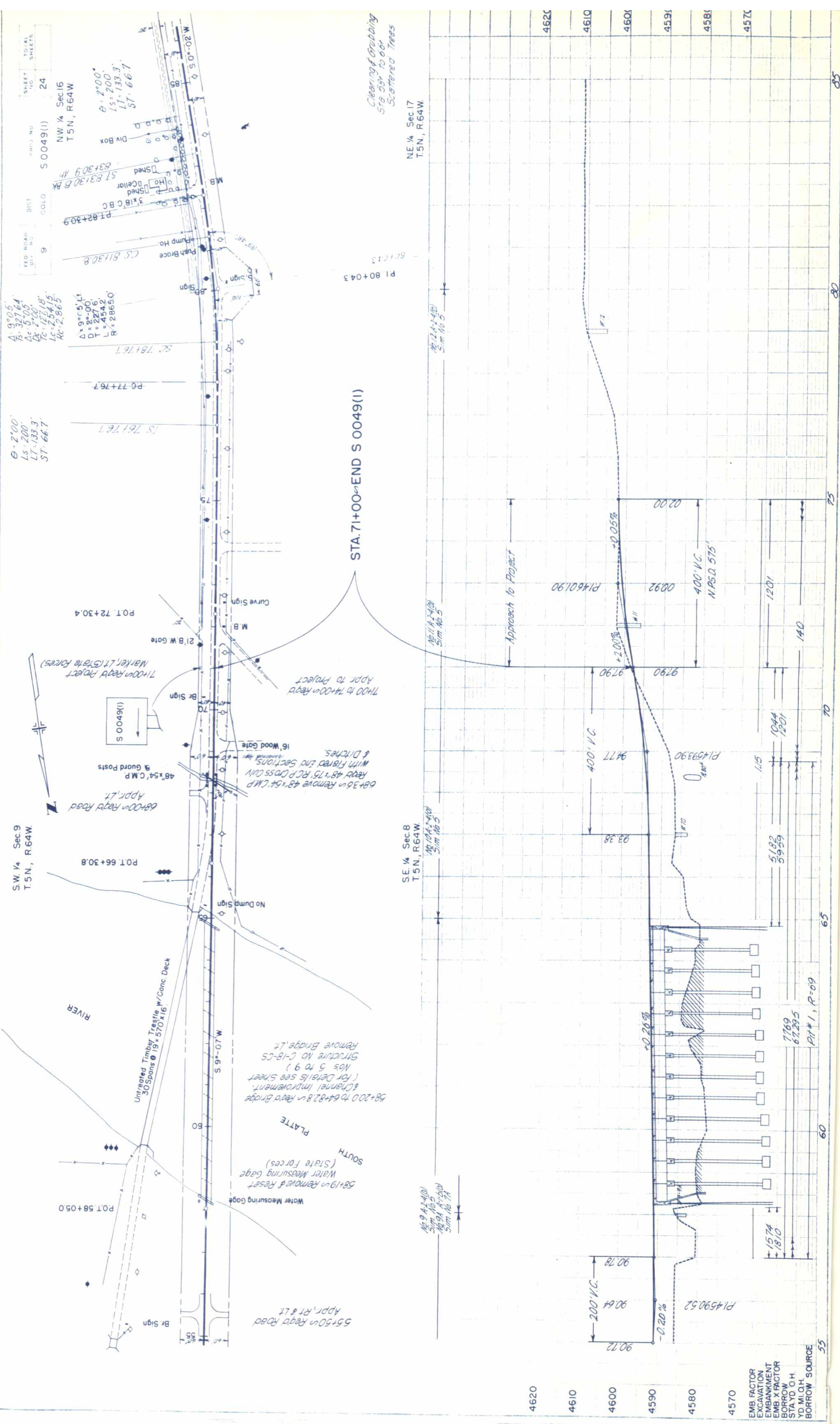




FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	S 0049(1)	1	

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	REFERENCE
1	SKETCH MAP, TITLE PAGE AND TABULATION OF LENGTH AND DESIGN DATA	
2	TYPICAL SECTION, GENERAL NOTES AND SUMMARY OF APPROXIMATE QUANTITIES	
3	PIT INFORMATION, FENCING REQUIREMENTS AND RIGHT OF WAY MARKERS	
4	LIST OF STRUCTURE QUANTITIES	
5-9	DETAILS OF BRIDGE STA. 58+	
10	STANDARD SINGLE AND DOUBLE CONCRETE BOX CULVERTS (SPECIAL REVISION)	
11	STANDARD METHODS FOR SUPERELEVATION AND WIDENING OF CURVES	M-1-C
12	STANDARD SIDE APPROACH ROADS, FLARING, CUT SLOPE TREATMENT AND WIDENING AT BRIDGES AND AT CREST OF GRADES	M-2-EM
13	STANDARD MARKER POSTS AND BENCH MARKS	M-7-C
14	STANDARD LETTERS AND FIGURES FOR YEAR NUMBERS AND STRUCTURE NUMBERS	
15	STANDARD METAL PLATE GUARD FENCE (BEAM TYPE)	M-10-B
16	STANDARD WIRE FENCE WITH WOODEN POSTS	M-21-C
17-18	STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS	M-24-H
19	STANDARD WINGWALLS FOR VARIOUS TYPES OF CONCRETE BOX CULVERTS	M-29-B
20	STANDARD TYPES OF DITCHES AND CONSTRUCTION METHODS	M-50-AW
21	REINFORCED CONCRETE CULVERT PIPE AND CONCRETE SEWER PIPE	M-107-C
22	STANDARD END AND ANGLE SECTIONS AND EXPANSION JOINTS FOR CONCRETE PIPE	M-112-E
23-24	ALIGNMENT PLAN AND PROFILE	M-118-A
25	SUMMARY OF EARTHWORK QUANTITIES	
26-42	CROSS SECTIONS	

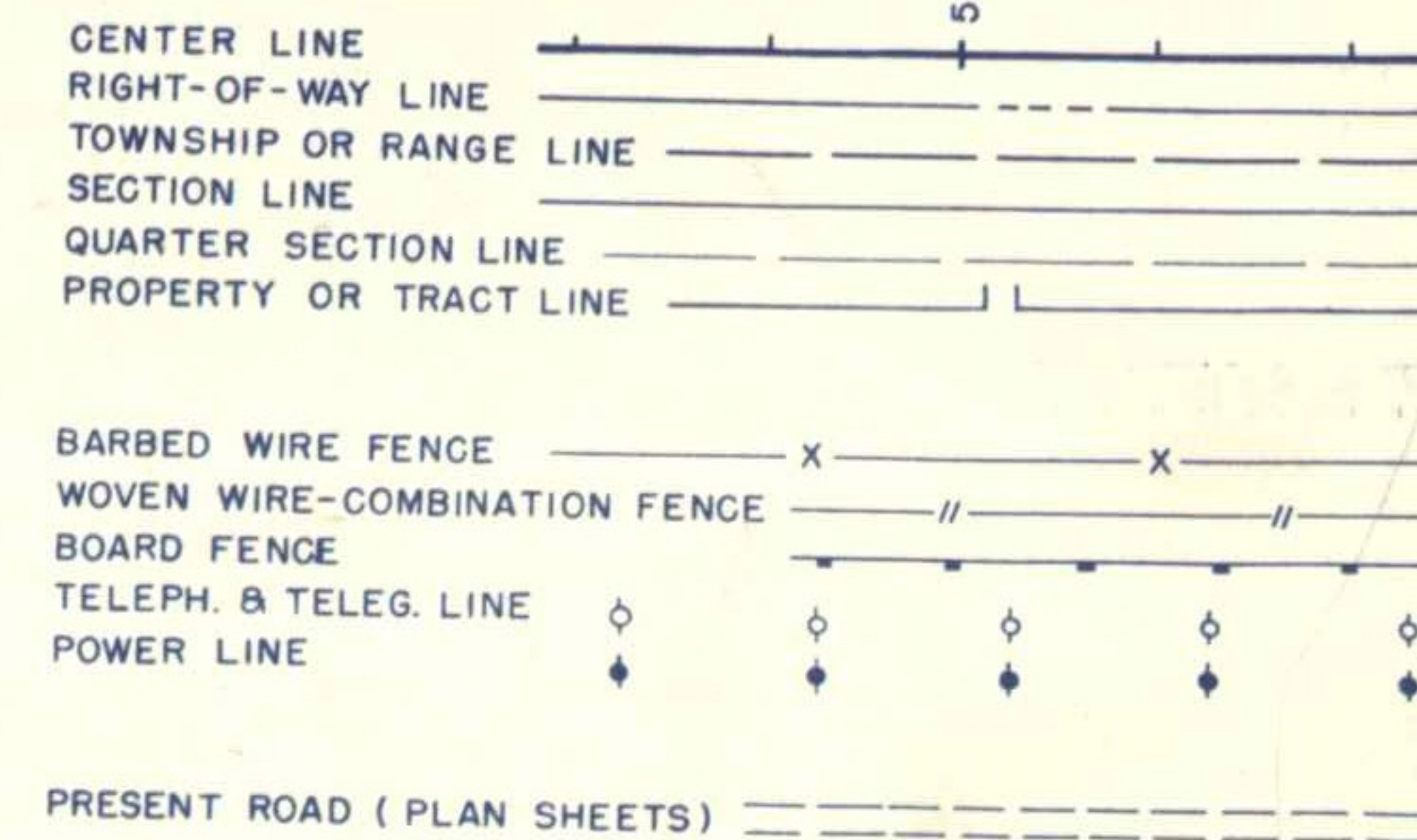
COLORADO DEPARTMENT OF HIGHWAYS PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. S 0049(1) STATE HIGHWAY NO. 37 WELD COUNTY

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: 4,298.9' = 0.814 MI.
NET LENGTH OF PROJECT: 3,609.1' = 0.683 MI.

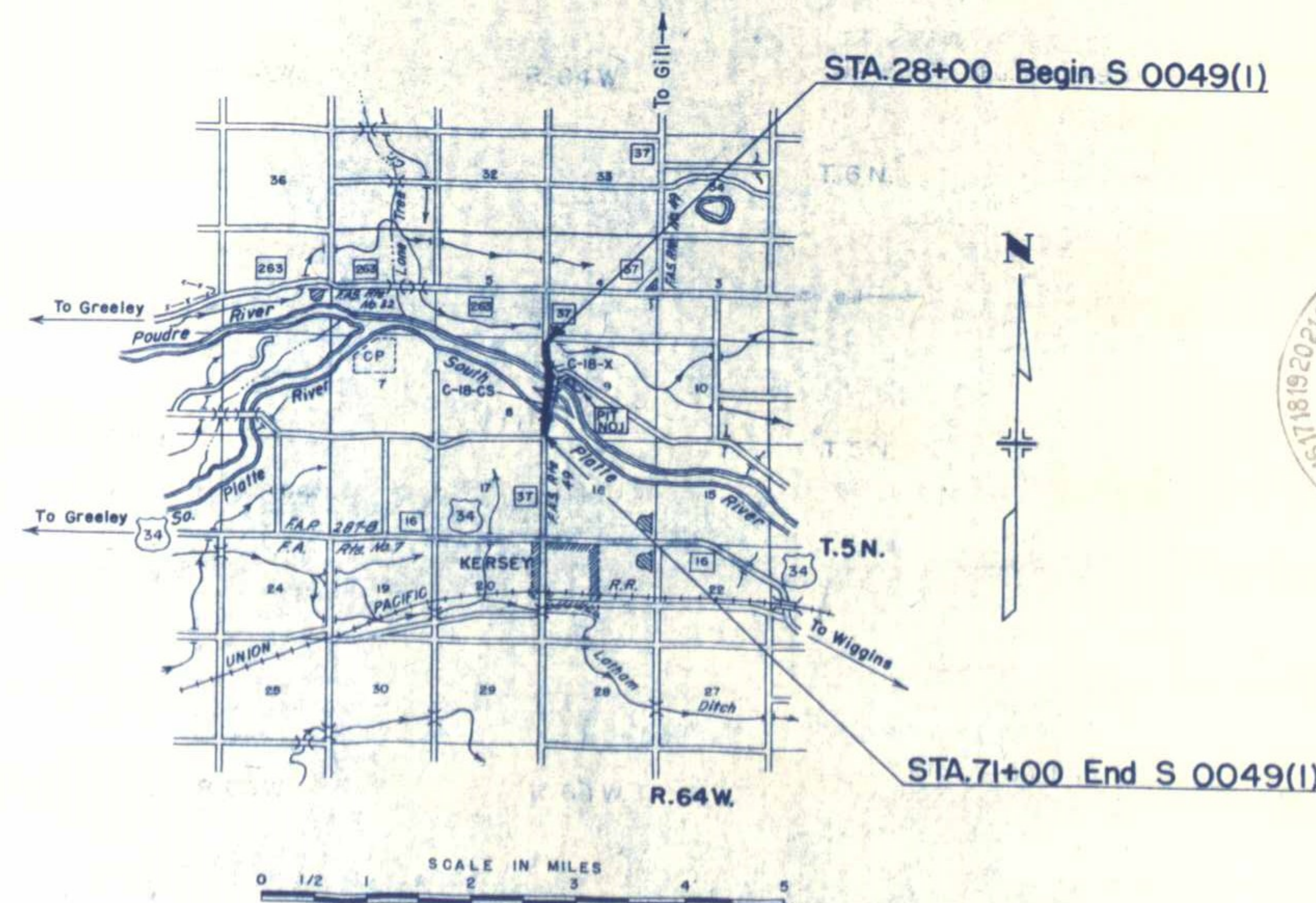
AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN

CONVENTIONAL SIGNS



TABULATION OF LENGTH AND DESIGN DATA

STATION	ROADWAY LIN. FT.	MAJOR STRUCTURES LIN. FT.	LOADING
28+00 Begin S 0049(1)	971.9		
37+71.9 Bk Equation 37+72.0 Ah.	1661.5		
54+33.5 C.B.C. 54+60.5	12.7	27.0	H 20
54+73.2 Bk Equation 54+74.2 Ah.	345.8		
58+20.0 Bridge End South Platte River 64+82.8 Bridge End	617.2	662.8	H 20
71+00 End S 0049(1)			
TOTALS	3609.1	689.8	
SUMMARY			
Roadway	3609.1	0.683	
Major Structures	689.8	0.131	
TOTAL NET & GROSS LENGTH	4298.9	0.814	
DESIGN DATA			
Maximum Degree of Curve	3°00'		
Maximum Grade	2.24%		
Minimum N.P.S.D. Horizontal	840 Ft.		
Minimum N.P.S.D. Vertical	—		
Maximum Design Speed	60 M.P.H.		

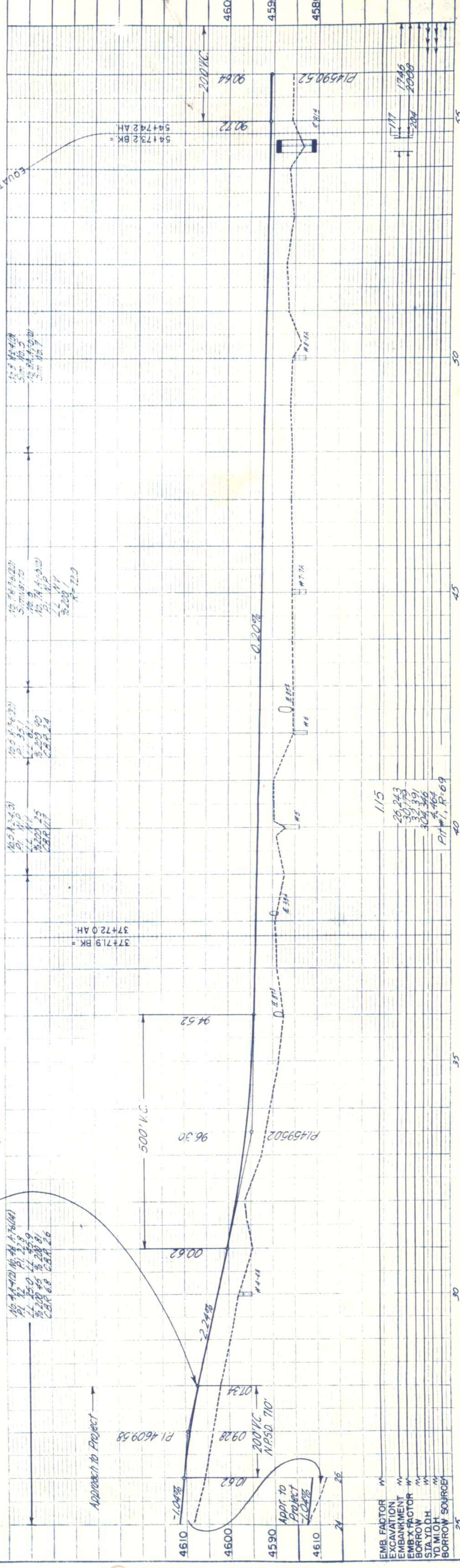
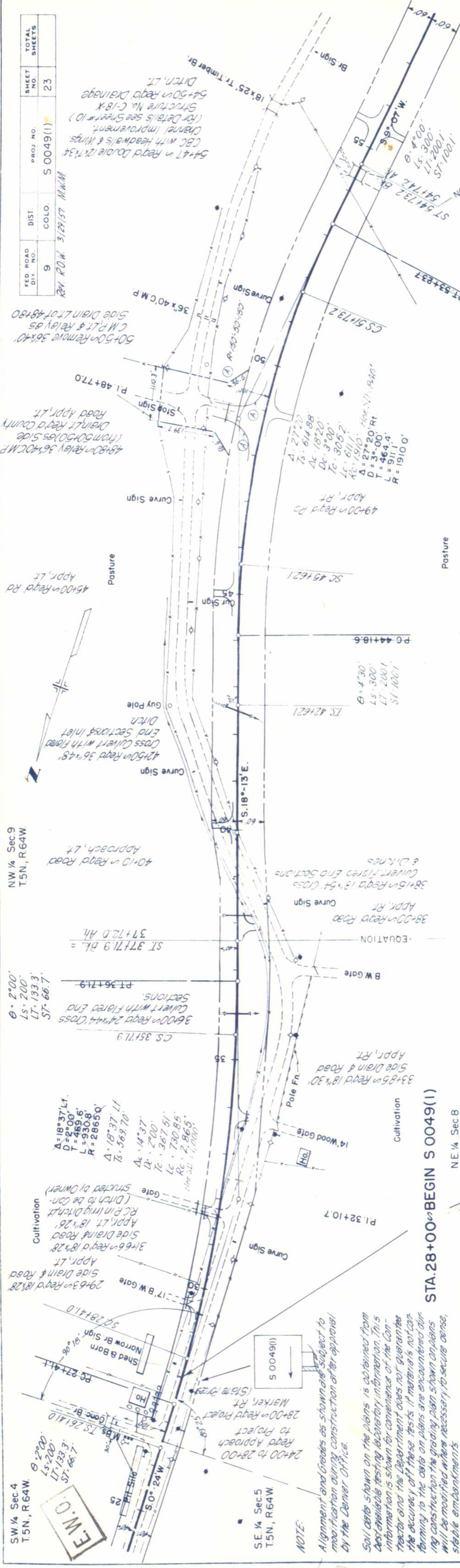


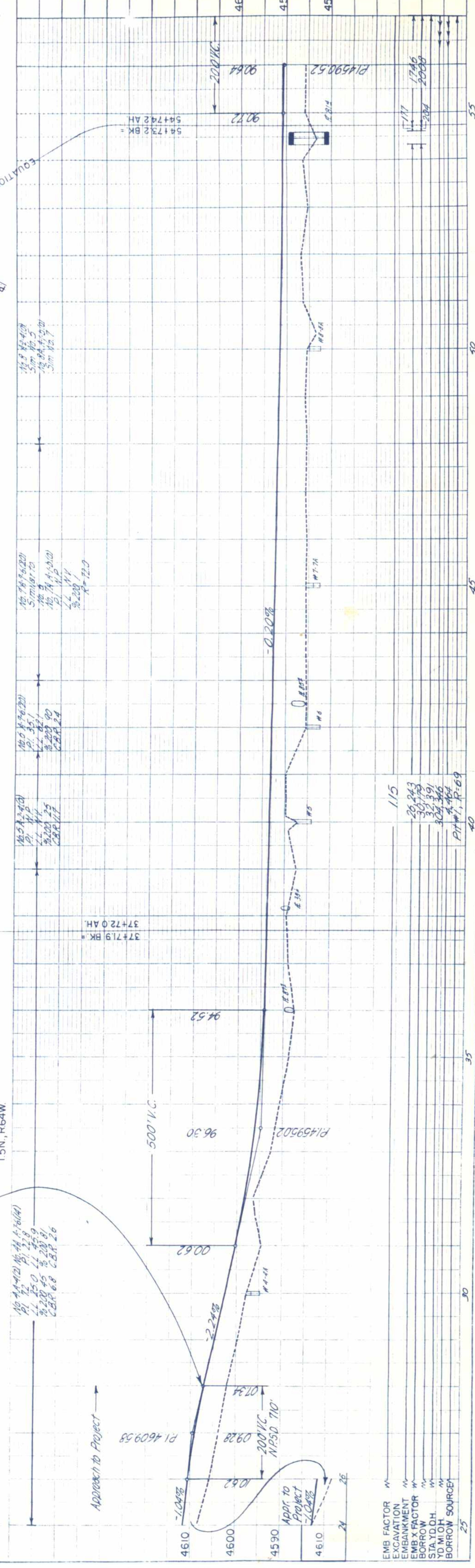
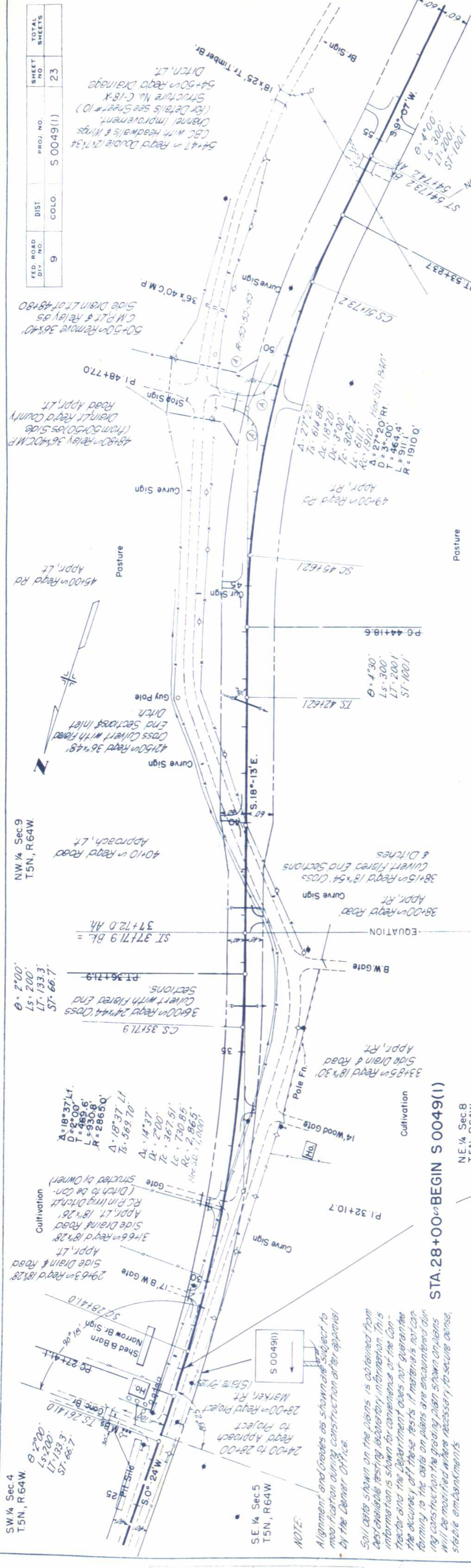
NOTICE TO BIDDERS
IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD REPRESENTATIVES OF THIS DEPARTMENT:
E.W. OVATT, CONST. ENGINEER, GREELEY, COLORADO.
L.B. HART, RESIDENT ENGINEER, GREELEY, COLO.
HOME PHONE 1693 M

COLORADO
DEPARTMENT OF HIGHWAYS

APPROVED: *Mark A. Hart* 3/19/57
CHIEF ENGINEER DATE

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0049(1)	23	





FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0049(1)	23	

SW 1/4 Sec 4
T5N, R64W

SE 1/4 Sec 5
T5N, R64W

NW 1/4 Sec 9
T5N, R64W

NE 1/4 Sec 8
T5N, R64W

STA. 28+00+00 BEGIN S 0049(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 testable 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 are 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.

EMB. FACTOR	EXCAVATION	EMBANKMENT	EMB. X. FACTOR	BORROW	STA. TO OH	YO. MICH.	BORROW SOURCE
1.04%	0.62	0.928	0.734	0.928	0.734	0.928	0.734