

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

STATE PROJECT NO. SP 7-170-501

STATE HIGHWAY NO. 170

BOULDER COUNTY

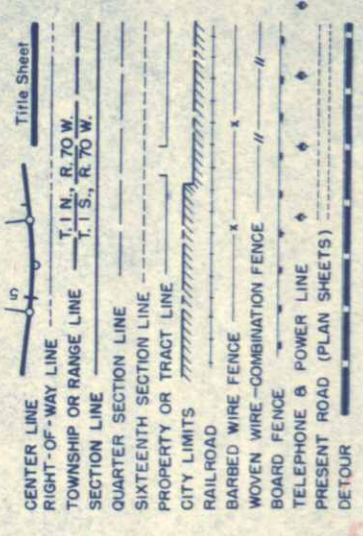
INDEX OF SHEETS

- SHEET NO. 1 SKETCH MAP AND TITLE PAGE.
- 2 TYPICAL SECTION
- 3 SUMMARY OF QUANTITIES, SURFACING AND BALLAST PLANS, TABULATIONS OF FENCING, ROW, MARKERS AND TIMBER GUARD POSTS.
- 4-5 LIST OF STRUCTURES.
- 6-16 DETAILS OF BRIDGES STA. 58+ & STA. 59+
- 17 PIT LOCATIONS, DETAILS OF CONCRETE DIVISION BOX, AND BRIDGE HISTORY.
- 18 STANDARD LETTERS & FIGURES FOR YEAR NUMBERS & STRUCTURE NUMBERS.
- 19 STANDARD MARKER POSTS.
- 20 STANDARD C.M.P. SIPHON WITH METAL APRONS FOR INLETS AND OUTLETS
- 21 STANDARD TIMBER GUARD POSTS.
- 22 STANDARD WIRE FENCE WITH WOODEN POSTS
- 23 STANDARD SIDE APPROACH ROADS, FLARING, CUT SLOPE TREATMENT & WIDENING AT BRIDGES & AT CREST OF GRADES.
- 24 STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS.
- 25 STANDARD TYPES OF DITCHES AND CONSTRUCTION METHODS.
- 26 STANDARD INTERSECTION FLARES, CURB & CONCRETE COMBINATION CURB & GUTTER.
- 27 UNREINFORCED & REINFORCED CONCRETE CULVERT PIPE
- 28 STANDARD NO. 12 AND NO. 13 CONCRETE INLETS
- 29 STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES
- 30 STANDARD METHODS FOR SUPERELEVATING CURVES ON DIVIDED HIGHWAYS
- 31-33 ALIGNMENT PLAN AND PROFILE
- 34-54 ROADWAY CROSS SECTIONS
- 55 SUMMARY OF EARTHWORK QUANTITIES
- M-10-B
- M-7-B
- M-124-A
- M-19-C
- M-24-H
- M-2-DM
- M-2-DS
- M-107-C
- M-8-BA
- M-112-D
- M-1-B
- M-1-C1

TABULATION OF LENGTH & DESIGN DATA

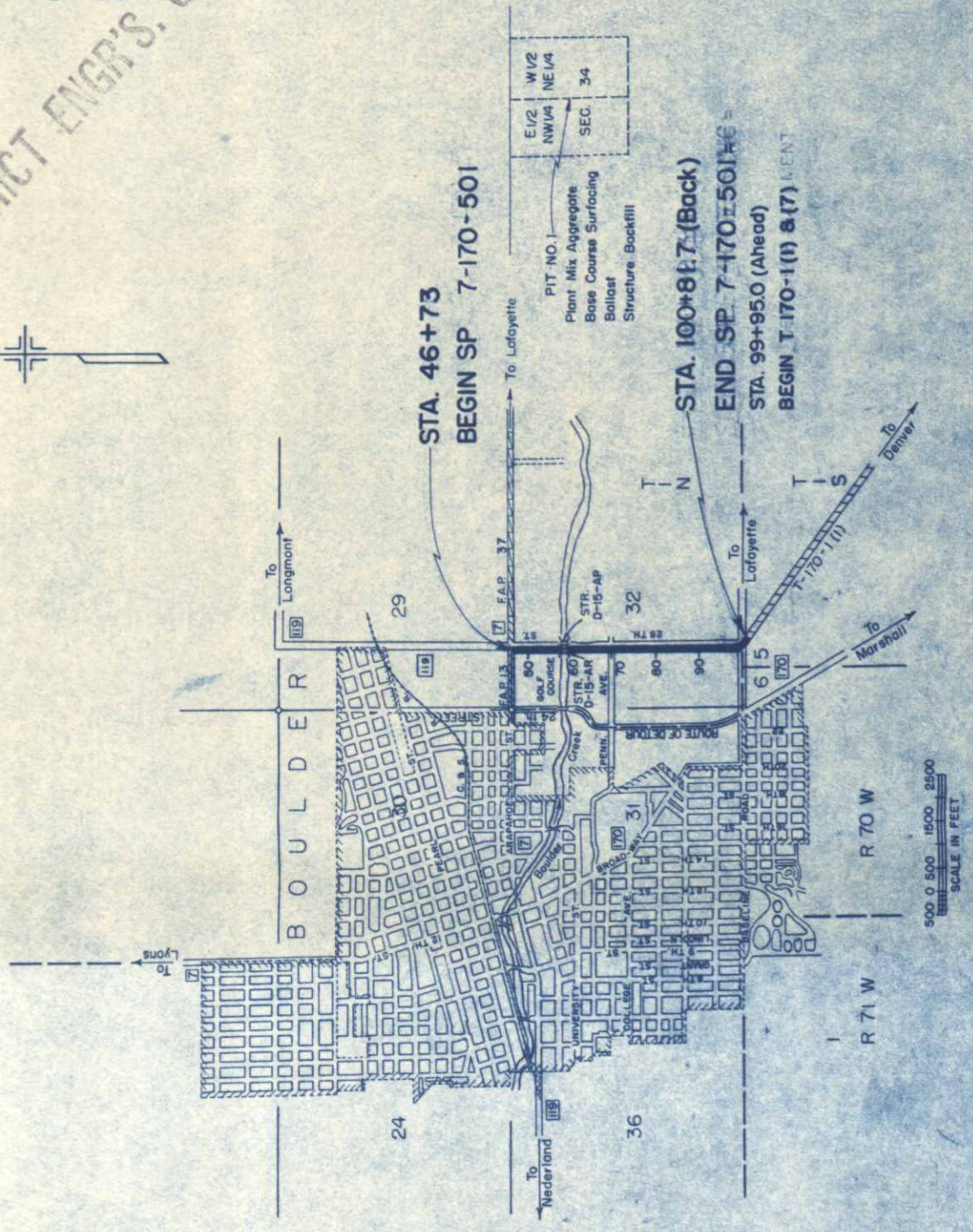
STATION	ROADWAY		BRIDGE	LOADING
	MAIN	ROAD		
46+73.0 Begin SP 7-170-501				
58+84.9 Boulder Creek	1,211.9		96.5	H-20-44
59+81.4	4,200.3			
101+81.7 End SP 7-170-501				
99+95.0 (Ahead) Begin T-170-1(1) & (7)				
TOTALS	5,412.2	96.5		
Roadway	SUMMARY	LIN. FT.	MILES	
		5,412.2	1.025	
Bridge		96.5	0.018	
TOTALS		5,508.7	1.043	
DESIGN DATA (MAIN ROAD)				
Maximum Degree of Curve	None			
Maximum Grade	3.6 %			
Minimum N.P.S.D. - Horizontal	No Curves			
Minimum N.P.S.D. - Vertical	7.57			
Maximum Design Speed	60 MPH.			

CONVENTIONAL SIGNS



GRADES OF ORIGINAL TRACINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
ON PROFILE, 1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT 5,508.7 feet = 1.043 miles
NET LENGTH OF PROJECT

It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department.
Edw. W. Oviatt, Construction Engineer, Greeley
D.S. Moore, Resident Engineer, Boulder.



HIGHWAY DEPARTMENT STATE OF COLORADO	RECOMMENDED FOR APPROVAL: <i>James D. Bell</i> ASSISTANT ENGINEER DATE 9-20-51
	APPROVED: <i>Martha L. Winters</i> STATE HIGHWAY ENGINEER DATE 9-20-51

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	RECOMMENDED FOR APPROVAL: DATE
DISTRICT ENGINEER	APPROVED: DATE
SUBDIVISION ENGINEER	APPROVED: DATE

PROFILE	SURVEYED	BT	DATE
NOTE BOOK	PLOTTED		
NO. 5634	GRADES CHECKED		
	SURV. NOTES		
	STRUCTURE NOTATIONS ONLY		

PLAN	SURVEYED	BT	DATE
NOTE BOOK	PLOTTED		
NO. 5633	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

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.
Fencing, R.O.W. Markers & Timber Guard Posts are tabulated on Sheet No. 3.

NOTE: Unless otherwise shown, all references to stations are to stations on the 1/4 of future Median (See Typical Section).
Detour for this project is on 24th Street - 1/4

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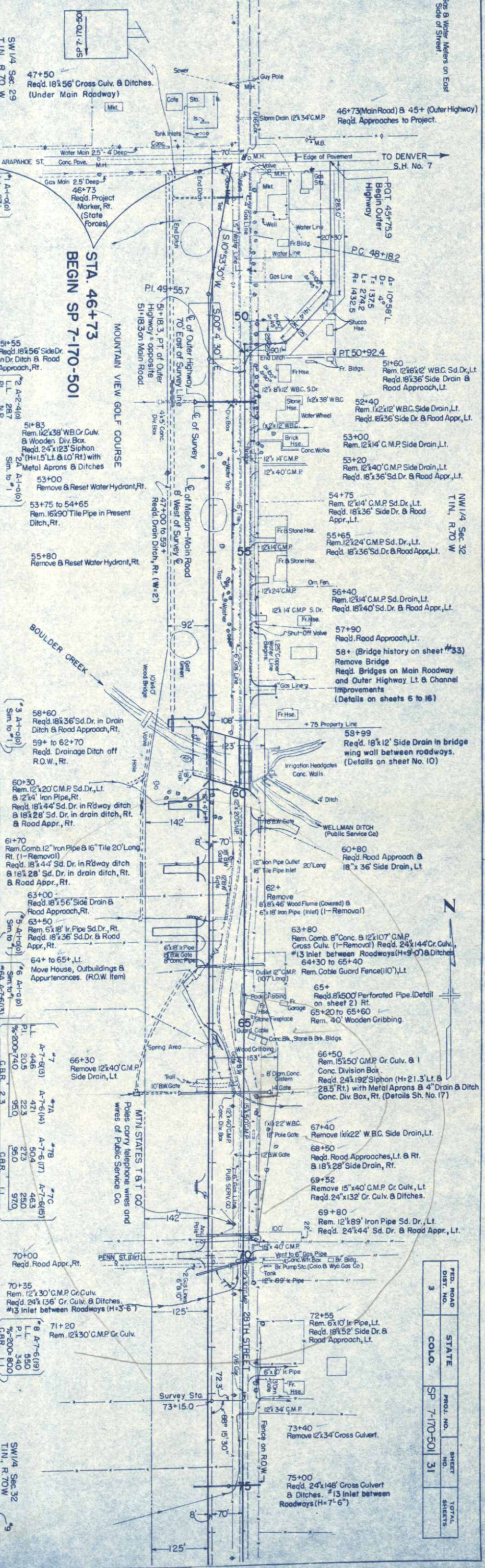
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	SP 7-170-501	31	

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO. 15633	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

