

COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED U.S.WORKS PROGRAM HIGHWAY PROJECT NO.W.P.M.H.278-B REV. STATE HIGHWAY NO. 8 LINCOLN COUNTY

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3. Details of Under Drainage System Sta.794+ to Sta. 801+.
4. Standard Headwalls M-102-E
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- 6-7 Plan and Profile Sheets
- 8 to 12 Cross Section Sheets
- 5a. Typical Approach Roads and Traffic Signs M-2-B

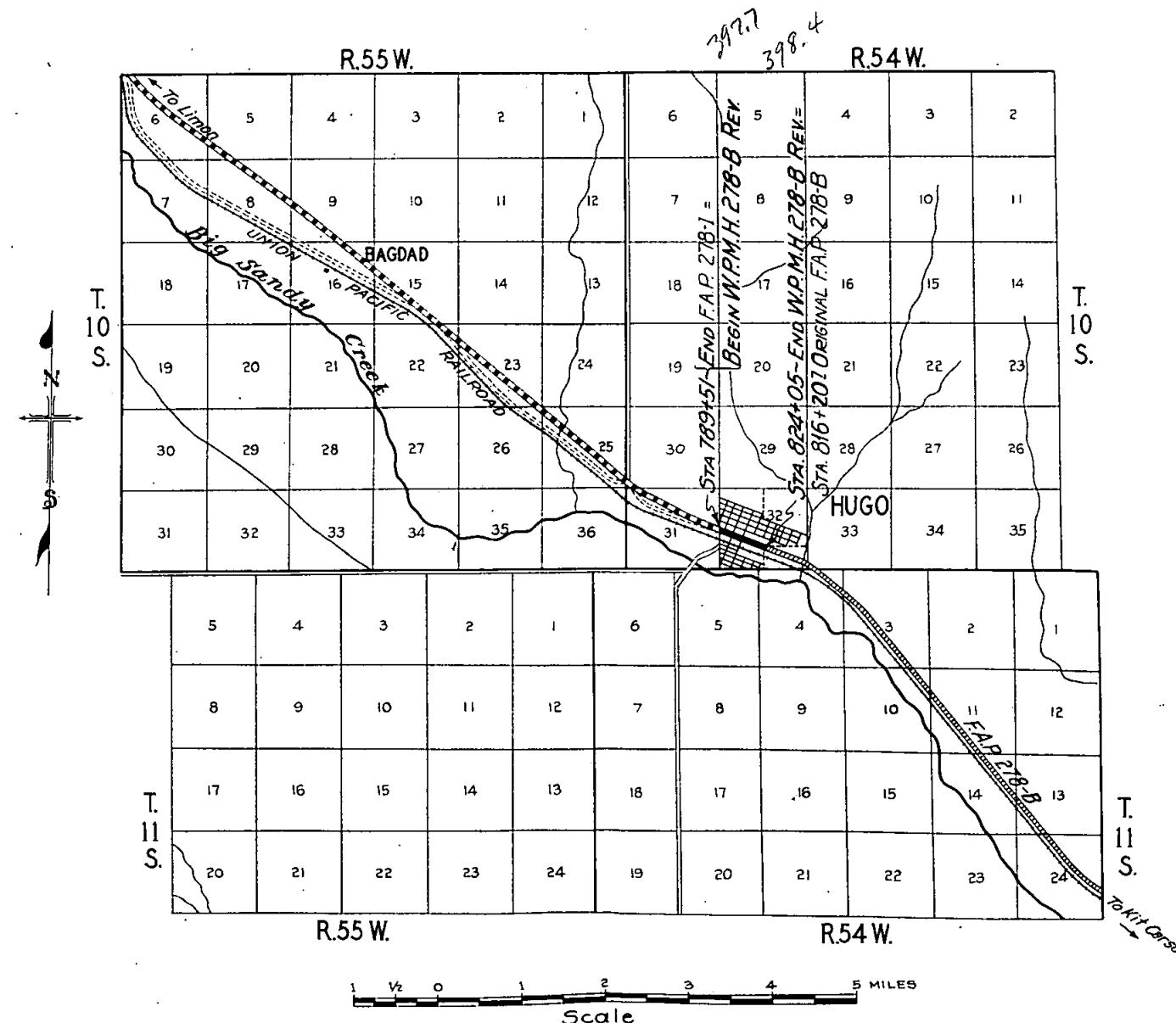
CONVENTIONAL SIGNS

Center Line of Survey	800
Right of Way Line	
Section Line	
One Quarter Section Line	
Concrete Sidewalks	
Electric Street Lights	*
Fence	
Gas Pumps	*
Power Line	+
Telephone Line	+
Railroad	

SCALES ON ORIGINAL TRACINGS

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 } 3454 FEET = 0.654 MILE
NET LENGTH OF PROJECT }



NOTE

It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department.
Ernest Montgomery, Division Engineer, Colorado Springs.
H. R. Evans, Resident Engineer, Limon.

RECOMMENDED FOR APPROVAL 9/20/35

J. E. Montgomery
ASSISTANT ENGINEER

APPROVED
Charles Vail
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

DIST. ENG. BUREAU PUBLIC ROADS

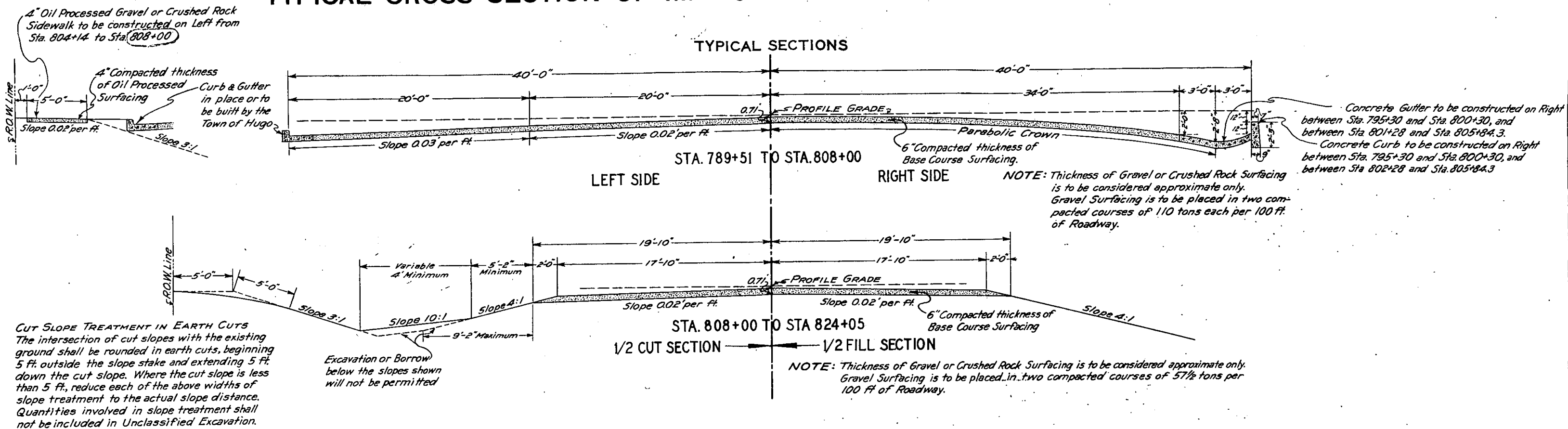
RECOMMENDED FOR APPROVAL

CHIEF ENG. BUREAU PUBLIC ROADS

APPROVED

DIRECTOR BUREAU PUBLIC ROADS

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES



GENERAL NOTES

This Project is to be constructed in accordance with the Standard Specifications of the Colorado State Highway Department adopted August 1, 1935.

All quantities on preliminary plans are to be considered as approximate only.

All roadway excavation required to construct this project is to be obtained as indicated on the plans. Quantities involved beyond the limits of the ditch as shown on the Typical Section, either noted on the Profile as "Borrow", or on List of Structures as "Embankment", are to be classified and paid for as "Unclassified Excavation".

These quantities are to be staked as part of the Original Excavation at locations indicated on the plans. Slope stakes beyond the limits of the Typical Section are subject to change by the Engineer to fit Embankment requirements actually encountered on construction.

All poles encroaching on construction are to be moved by owners.

All corrugated metal pipe cross culverts are to be provided with one headwall on the inlet end, unless otherwise noted on plans.

SUMMARY OF APPROXIMATE QUANTITIES

No.	ITEM	UNIT	TOTALS
10a	Clearing & Grubbing the Entire Project	Lump Sum	•
11b	Removing 7 Structures	" "	•
11c	" Sidewalk	Sq. Yd.	250
11d	" & Resetting 16 Trees Sta. 789+51 to 800+00	Lump Sum	•
12b	Removing & Rebuilding Fence	Lin. Ft.	600
13c	Unclassified Excavation	Cu. Yd.	5,500
13d	Cut Slope Treatment	Mile	0.7
14b	Dry Common Excavation (Struct)	Cu. Yd.	330
18a	Station Yard Overhaul	Sta. Yd.	6,200
26a	Gravel or Crushed Rock Surfacing	Ton	6200
30f	M-G-2 Asphaltic Road Material	Gal.	200
46a	Class "A" Concrete	Cu. Yd.	167
46b	" "B" "	" "	2
47	Reinforcing Steel	Lb.	20200
53b	18" Corr. Metal Culvert Pipe	Lin. Ft.	72
53c	24" " " "	" "	74
73a	Concrete Curb	" "	860
73b	" Gutter	" "	960
81a	Project Marker	Each	1
85x	Trash Guards for Drainage System	"	7
87	Oil Processed Sidewalk	Sq. Yds.	215

LIST OF STRUCTURES

STATION	DESCRIPTION	REMOVE STRUCT. EACH	EXCAVATION CU. Yd.		STRUCT. EXCAV. * CU. Yd.	CONCRETE CU. Yd.		REINFE. STEEL Lb.	C.M. CULV. PIPE Lin. Ft.		REMOVE SIDEWALK Sq. Yd.	REMOVE & REBUILD FENCE Lin. Ft.	MISCELLANEOUS
			UNCL.	EMB.		CLASS A	CLASS B		18"	24"			
794+70-801+25	Street Drainage System (Det. Shd)					310	167.0	20145					7- Trash Guards
795+ - 800+	Rem. & Reset 16 Trees Rt.												Rem. & Reset 16 Trees
795+	Remove 3 Structures	3											
795+25	Remove Sidewalk										20		500 lin. ft. Conc. Curb
795+30-800+30	Conc. Curb & Gutter Rt.												500' " " Gutter
795+30-800+30	Remove & Rebuild Fence Rt											500	
800+	Remove 2 Structures	2											
800+30	Remove Sidewalk										20		
802+28-805+84.3	Conc. Curb Rt.										205		356.3 lin. ft. Conc. Curb
801+ - 805+	Remove Sidewalk												
801+28-805+84.3	Conc. Gutter Rt.												456.3 lin. ft. Conc. Gutter
802+70-803+70	Rem. & Rebuild Fence Rt.											100	
803+26	Remove Structure	1											
804+14-808+00	Oil Proc. Gravel Walk Lt.												215 sq. yds. Oil Proc. Gravel Walk
804+70	Cross Culvert & Ditches		10		15	1.65		74					
805+20	Remove Structure	1											
807+50	Outlet Ditch Rt.		300						36				
818+50	Side Drain & Road Appr. Lt			100					36				
819+25	" " " "			100									
824+05	Project Marker												1- Proj. Marker
TOTALS		7	310	200		325	167.0	1.65	20145	72	74	245	600

* Structural Excavation is estimated to be all Dry Common.

FED. ROAD DIST. NO.	STATE	W.P.M.H. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	278-B Rev.	6	

