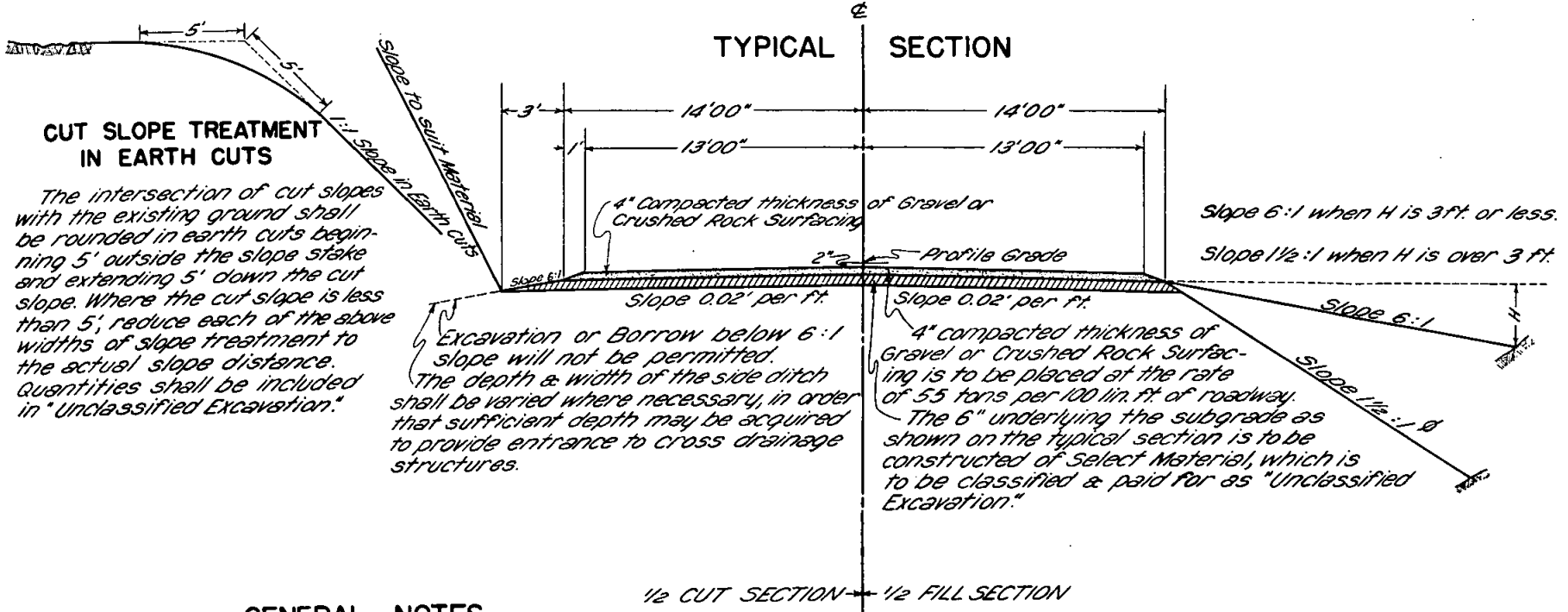


TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES



GENERAL NOTES

This Project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Dept. adopted June 1, 1937.

All quantities on preliminary plans are to be considered 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 the 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 during construction.

All curves are to be superelevated & widened as provided for by the Standard Superelevation Sheet included with plans.

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 the plans.

All side approach roads to the project shall be gravel surfaced with a 4 inch thickness of "Gravel or Crushed Rock Surfacing" extending approximately 30 ft. from edge of highway. Estimated tonnage of surfacing material required in this operation is shown in List of Structures.

Overhaul will be paid for as measured along center line of project unless otherwise noted on the plans.

At all places on the Project where the new work lies along the present traveled road, the Contractor shall, at his own expense, prosecute construction in such manner that traffic may readily pass over the road. Also the Contractor shall maintain in safe condition and at his own expense, all temporary approaches to and crossings of intersecting roads.

New right of way fences for this project shall be constructed entirely within the Highway right of way as shown on plans. All work involved in the placement of "Gravel or Crushed Rock Surfacing" will be done under F.A.S. 373-F(2).

The tops of all cut slopes in common excavation shall be protected with intercepting ditches.

It is estimated this operation will require 300 Cu. Yd. of unclassified excavation.

HAND PLACED FILLS

At locations indicated below, where embankments are constructed of rock, fill slopes shall be hand placed if necessary to secure a slope not to exceed one to one (1:1).

Serration of the present ground to stabilize embankment slopes in such areas will also be required.

No extra compensation will be allowed for this work. The cost of hand placing and slope serration shall be included in the unit price per cubic yard for "Unclassified Excavation".

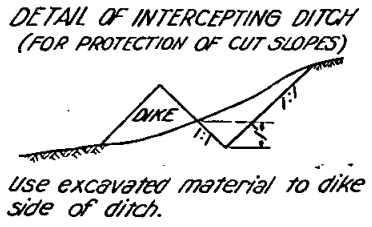
Sta. 299+65 to 301+30 - 1 1/4 to 1 fill slope on left.

SURFACING PLAN

It is estimated that material for gravel or crushed rock surfacing for the project is available in the vicinity of the pit indicated in the following tabulation. Estimated quantities involved in the operation are shown below.

Alteration of the surfacing plan as here outlined will not be allowed without written permission from the Dept.

MATERIAL TO BE PLACED	SOURCE	QUANTITY		OVERHAUL
		AVAILABLE	USED	
		TONS	TONS	TON MILE
275+00 to 279+20	Pit located in the S.E. 1/4 Sec. 25, T.4 S., R. 71 W., 400 ft. right Sta. 328+00	Ample	231	10
279+20 to 303+44		"	1384	Free Haul
TOTALS			1615	10



SUMMARY OF APPROXIMATE QUANTITIES

NO.	ITEM	UNIT	F.A.S. 373-F(1) CONST. DIV. NO. 1	F.A.S. 373-F(1) CONST. DIV. NO. 2	TOTALS
10a	Clearing and Grubbing Entire Project	Lmp.Sm.	•		•
12a	Removing Fence	Lin.Ft.	200		200
12b	Removing and Rebuilding Fence	" "	1,700		1,700
13c	Unclassified Excavation	Cu.Yd.	45,600		45,600
14a	Dry Rock Excavation (Structural)	" "	285		285
14b	Dry Common Excavation (Structural)	" "	75		75
14c	Wet Rock Excavation (Structural)	" "	95		95
14d	Wet Common Excavation (Structural)	" "	25		25
18a	Station Yard Overhaul	Sta.Yd.	211,000		211,000
18b	Yard Mile Overhaul	Yd.Mi.	2,200		2,200
26a	Gravel or Crushed Rock Surfacing	Ton		1650	1,650
26c	Overhaul of Surfacing	Ton.Mi.		10	10
46a	Class "A" Concrete	Cu. Yd.	386		386
47	Reinforcing Steel	Lb.	38,700		38,700
48	Structural Steel	" "	1,200		1,200
49	Cement Rubble Masonry	Cu. Yd.	21		21
53c	24" Corrugated Metal Culvert Pipe	Lin.Ft.	654		654
53e	36" Corrugated Metal Culvert Pipe	" "	84		84
74	Wire Cable Guard Fence	" "	936		936
74x	Timber Guard Posts	Ea.	23		23
76c	Barbed Wire Fence with Metal Posts	Lin.Ft.	3,700		3,700
81a	Project Marker	Ea.	1		1
81b	Right of Way Markers	" "	9		9
110	30" to 40" Steel Rail	Lin.Ft.	2,632		2,632
	FORCE ACCOUNT ITEMS				
	Moving Telephone Line from R.O.W. Sta. 281+ to 303+.	Lmp.Sm.	•		•
	(Work to be done by Tel. Co. Forces)				

Rev. for 8'x8'x78' C.B.C. - ME. - 9/25/39.

STA. TO STA.	SIDE	GUARD FENCE	GUARD POSTS	
		LIN FT.	NO.	SPACING
278+00 to 286+00	Lt.	104	17	50'
281+10 to 282+14	Rt.			
291+00 to 292+00	Lt.	72	3	50'
291+16 to 291+88	Rt.			
293+50 to 294+50	Lt.	760	3	50'
295+45 to 302+80	Lt.			
TOTALS		936	23	

STATION	SIDE	NO.
275+00	Rt.	1
275+25	Lt.	1
289+55	Lt.	1
290+50	Rt.	1
291+00	Lt.	1
292+02	Rt.	1
292+95	Rt.	1
295+62	Lt.	1
275+40	Rt.	1
TOTAL		9

STA. TO STA.	SIDE	REMOVE FENCE	REMOVE & REBUILD FENCE	BUILD B.W. FENCE
		LIN. FT.	LIN. FT.	LIN. FT.
275+00 to 291+75 275+00 to 303+44 291+75 291+75 to 299+40	Lt. Rt. X Lt.	165	1675	2845 765
TOTALS		165	1675	3610

* Included for Payment in Profile Quantities * Structural excavation is estimated to be 20% Common and 80% Rock, each of which is estimated to be 75% Dry and 25% Wet.

NOTE: Alignment and grades as shown are subject to modification during construction after approval by the Denver Office. Guard Fence, Timber Guard Posts, R.O.W. Markers and Fencing Requirements are tabulated on Sheet No. 3

