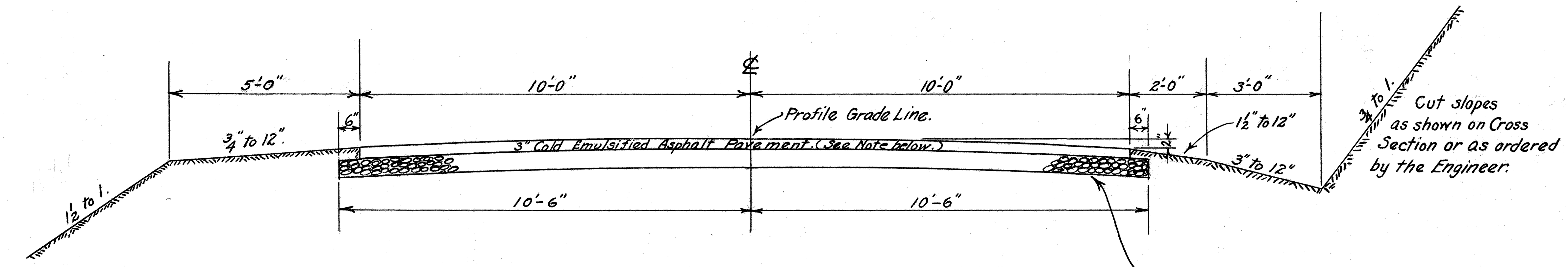
3-B-C

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	3B.	1930	2	12

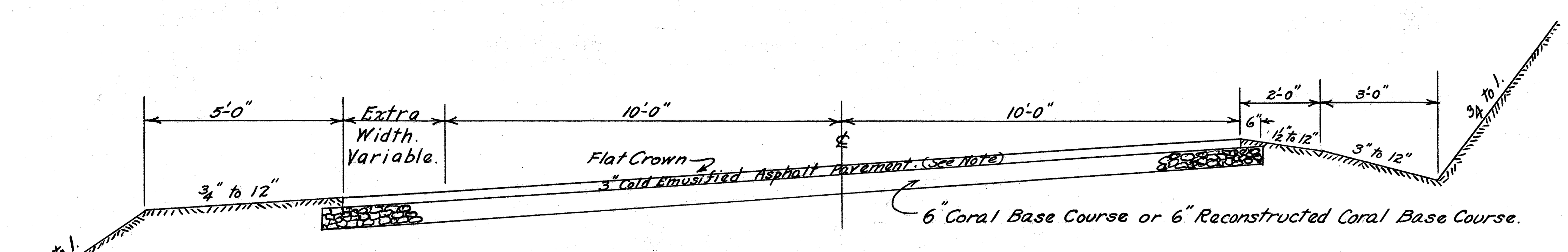


TYPICAL ROAD SECTION ON TANGENTS.

Scale 3/8"=1'-0".

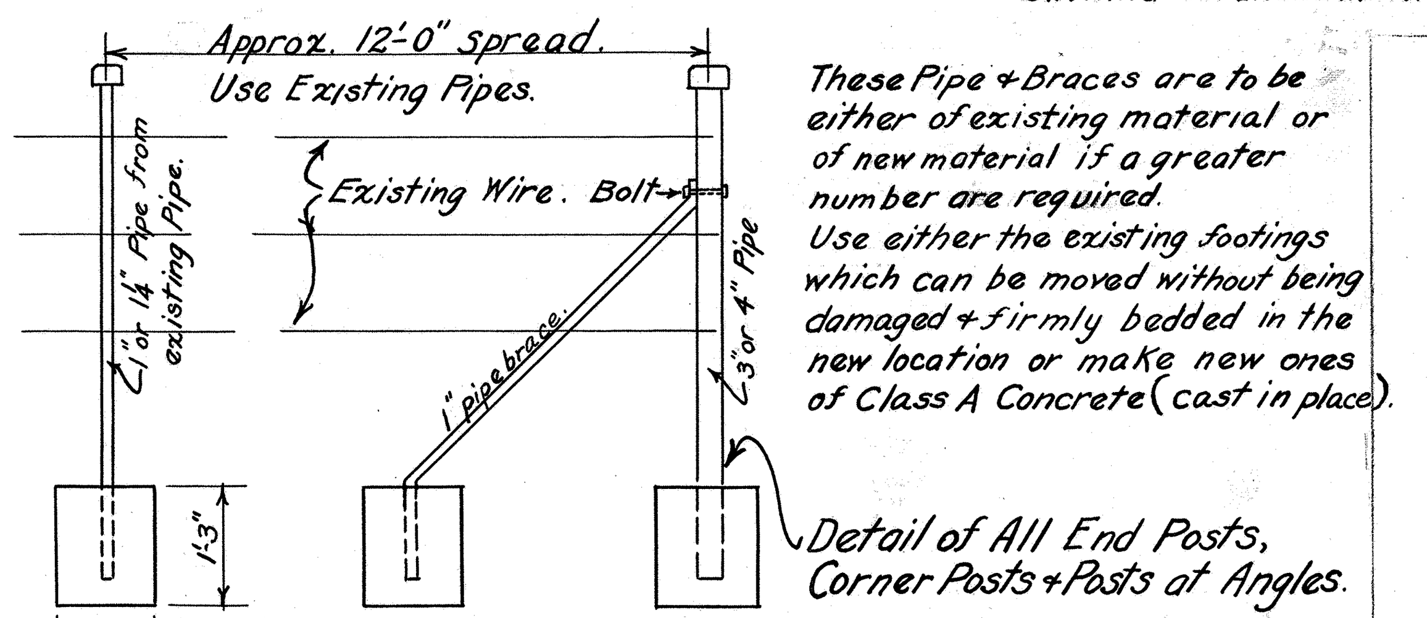
NOTES.

The 3" Cold Emulsified Asphalt Pavement is built in Courses as follows:- A 3" (compacted) layer of coarse rock, Grade "C" (2½" to 1¼") is placed. This is filled to within 1" of its top with Rock Chips, Grade "F" (3/8" to #10). Then emulsion is applied at the rate of 5/8 to 3/4 gal. per sq. yd. This is covered with screenings, Grade "E" (3/4" to #10). Then a second application of emulsion is made at rate of 3/4 to 7/8 gals. per sq. yd. This is covered with Rock Chips, Grade "F" (3/8" to #10). Later a seal coat of emulsion is applied at rate of 3/8 to 5/8 gals. per sq. yd and this is covered with Rock Chips Grade "F." The total emulsion used shall be between the limits of 1 7/8 and 2 1/8 gals. per sq. yd. Particular reference is made to the Specifications regarding this pavement.



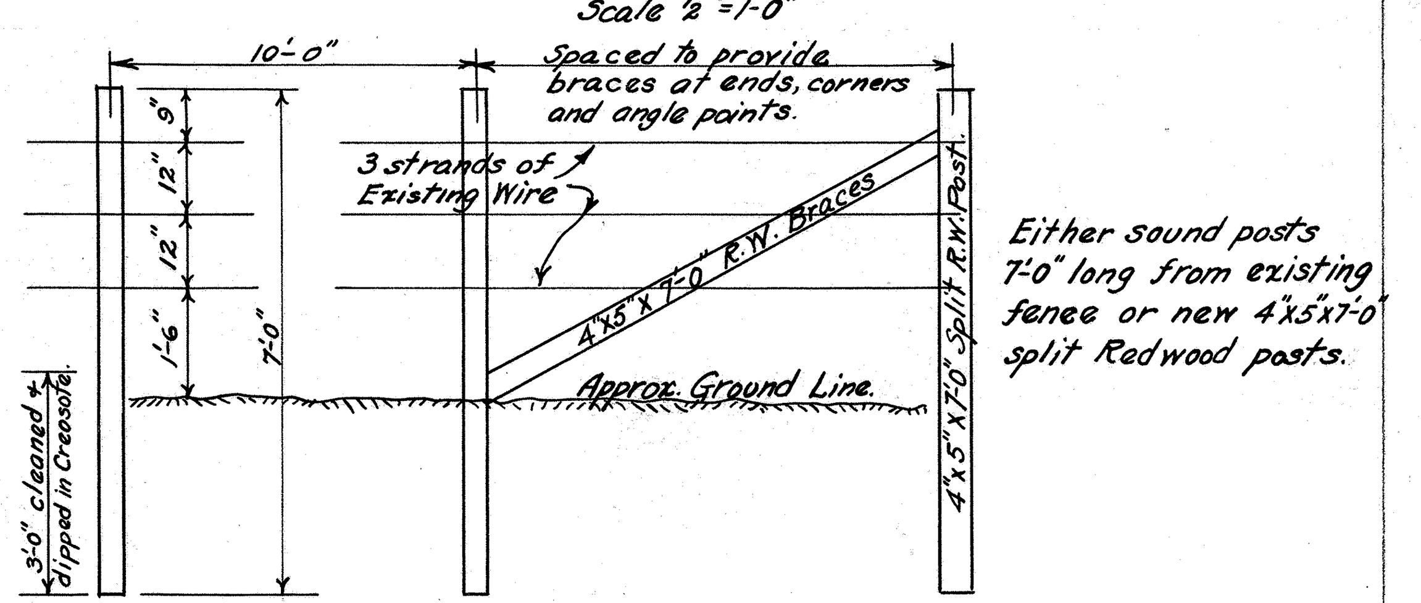
TYPICAL SECTION ON CURVES.

SHOWING SUPERELEVATION AND EXTRA WIDTH.



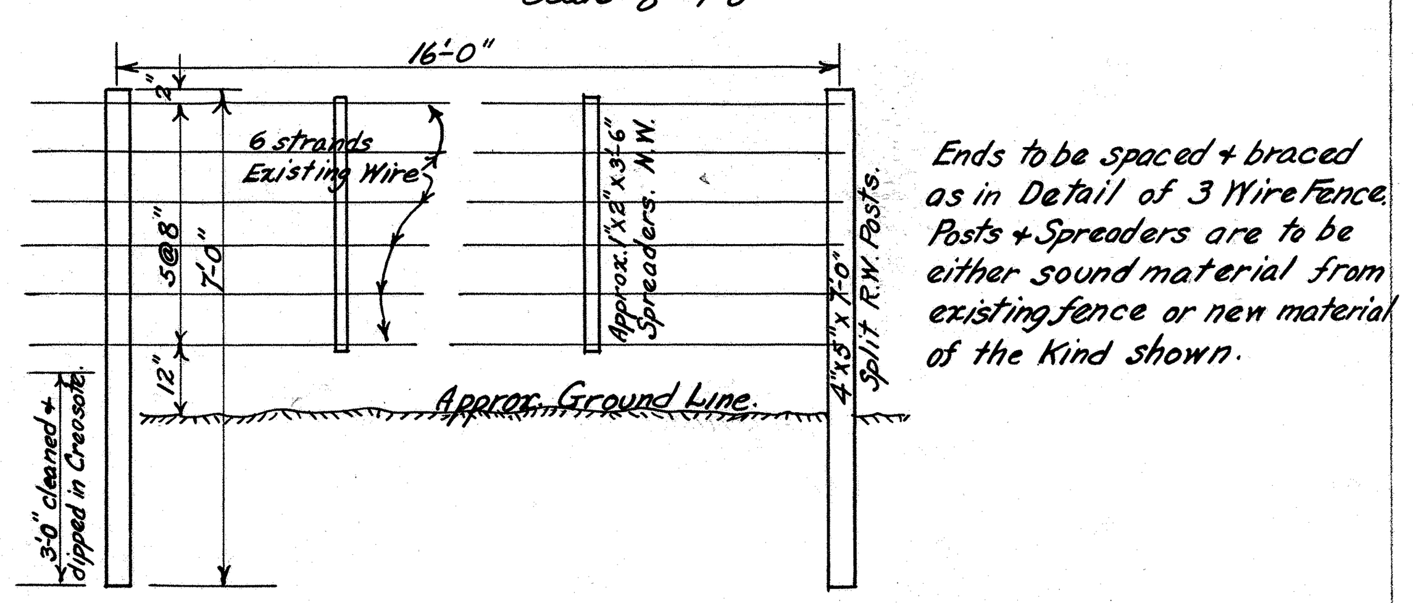
RECONSTRUCTED WIRE FENCE with PIPE POSTS.

Scale ½"=1'-0"



DETAILS OF RECONSTRUCTED THREE WIRE FENCE.

Scale 3/8"=1'-0"



DETAILS OF RECONSTRUCTED SIX WIRE FENCE.

Scale 3/8"=1'-0".

Approximate Distribution of Quantities.

For the Convenience of the Engineer only. Not applicable to the Plans of the project.

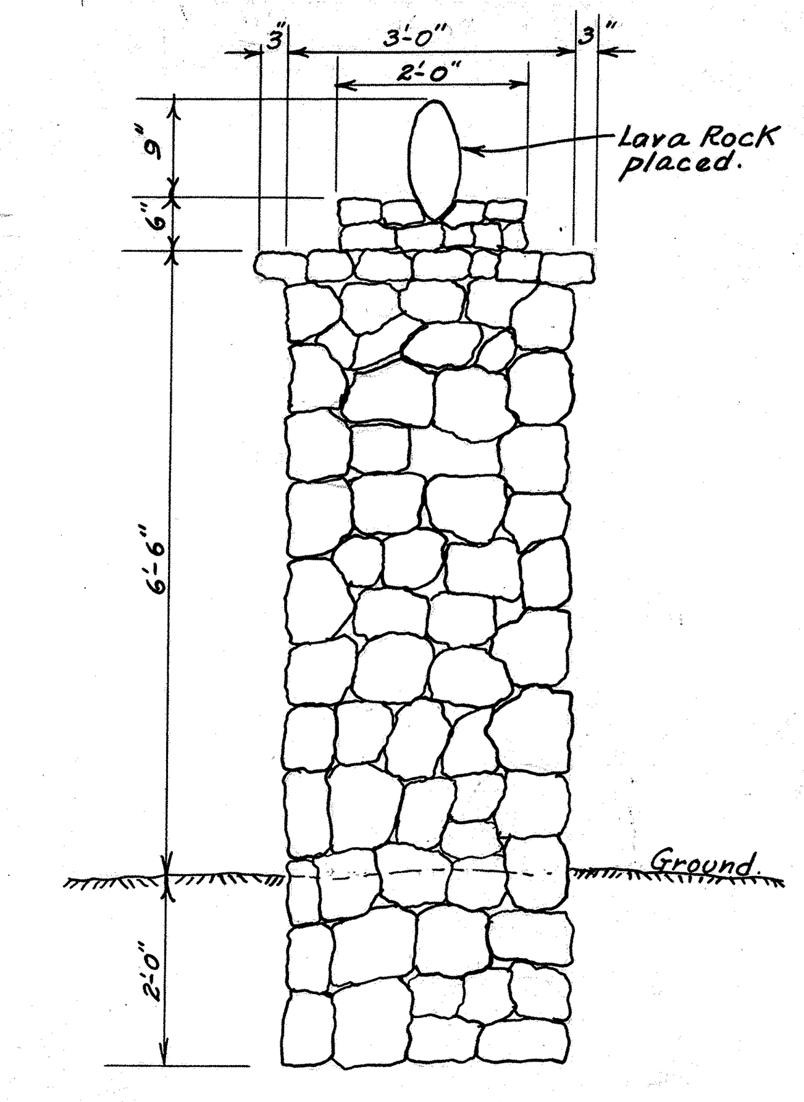
	Unclassified Excavation.	Embankment.	Unclassified Structure Excavation.	Cement Rubble Masonry.	Dry Rubble Masonry	Std. Wire Fence with Wood Posts.	Reconst'd 3 Wire Fence.	Reconst'd 6 Wire Fence.	Reconst'd. Wire Fence with Pipe Posts.	Std. Gates with Wood Posts.	Reconst'd Base Course.	Additional Material for Reconst'd Base Course.	Surface Course.	Class A Concrete.	Class B Concrete	Reinf. Steel.	24" Diam. Concrete Culvert.	18" Diam. Concrete Culvert.	12" Corr. Metal Pipe Culvert.
Unit used.	Cu.Yds	Cu.Yds	Cu.Yds	Cu.Yds.	Cu.Yds	Lin.ft.	Lin.ft.	Lin.ft.	Lin.ft.	No.	Sq.Yds	Cu.Yds.	Sq.Yds.	Cu.Yds	Cu.Yds	lbs.	Lin.ft	Lin.ft	Lin.ft
Roadway Prism.	1572	17									12834	2500	12222						
Fence Right Side.						593			1514										
" Left " .						830	1250	1610	1673	2									
Culvert No. 1.			200.0	68.0										25.0		2800			
" " 2.			300.0	40.0	7.2									20.0		1960			
" " 3.			250.0	28.0	1.6									26.0		2980			
Other Drainage Structures.			30.5											0.7	2.2		13	48	130
Masonry Pillars.			4.0	12.0															
Miscellaneous at unidentified locations.	228	3	15.5	2.0	1.2	177			13	1	66		78	0.3	0.8	60	7	2	
Totals.	1800	20	800.0	150.0	10.0	1600	1250	1610	3200	3	12900	2500	12300	72.0	3.0	7800	20	50	130
	12249	11609									12900								

Detail Fence List.

	Beginning at Station	Lengths by Types. Std Fence with R.W. Posts	Reconst'd 3 Wire Fence	Reconst'd 6 Wire Fence	Reconst'd. Wire Fence with Pipe Posts.
LEFT SIDE.	321+00			1610	
	337+20	830			
	345+50		1250		
	358+00				458
	363+85				1215
	Lin. Ft.	830	1250	1610	1673
RIGHT SIDE.	335+00	210			
	337+70	283			
	354+22	100			
	355+22				193
	357+42				423
	361+89				366
	365+75				282
	373+70				250
	Lin. Ft.	593			1514

Drainage Structure List.

Station	Structure	Struct. Exc. Cu.Yds.	Class A Concrete Cu.Yds	Class B Concrete Cu.Yds.		Concrete Culvert 24" Diam. Ft.	Concrete Culvert 18" Diam. Ft.	12" Corr. Pipe Ft.	Remarks.
325+65	18" Culvert + D.I.	13.0		1.0			32		3.2 inside depth.
328±50	12" Corr. Pipe	1.5						40	
337±15	"	0.8						20	
340+80	18" Culvert	1.0					3		
349+45	24" Culvert.	2.8				13			
"	24" - D.I.	3.0		1.2					2.8 inside depth.
354+00	18" Culvert.	3.9					13		
357±30	12" Corr. Pipe	1.5						40	
361±75	"	1.0						30	
369+05	Gate Box	2.0	0.7						
	Totals.	30.5	0.7	2.2		13	48	130	



DETAIL OF RUBBLE MASONRY PILLAR. 3'-0" x 3'-0".

Scale ½"=1'-0".

4178.2

4178.2