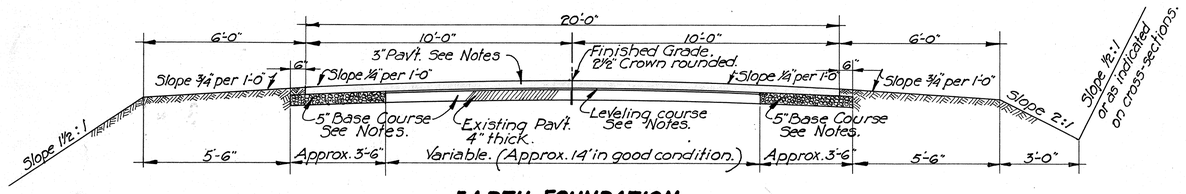
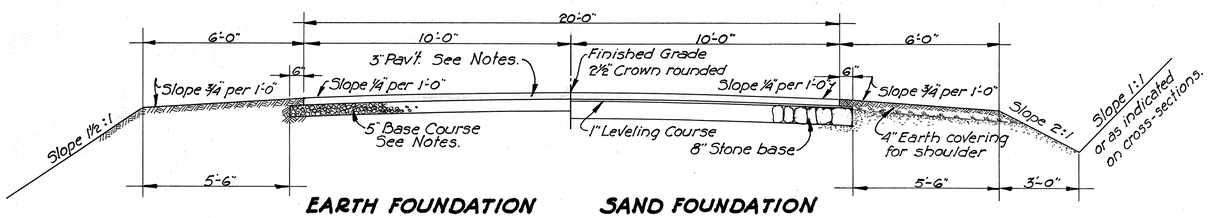
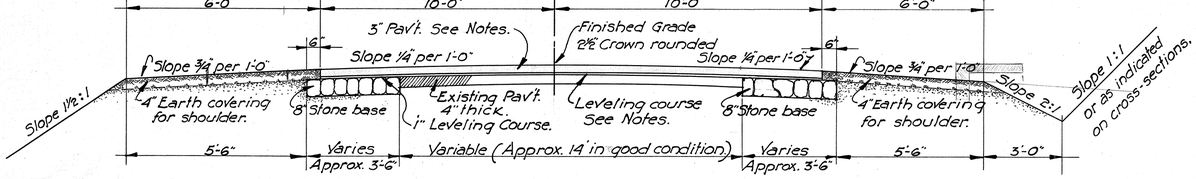
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	E12-A	1932	2	56



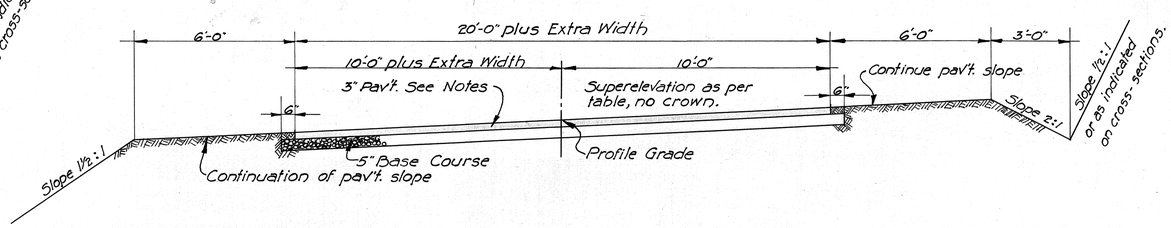
EARTH FOUNDATION
TYPICAL SECTION OF GRADING & RESURFACING ON TANGENT.
3/8" Scale



EARTH FOUNDATION SAND FOUNDATION
TYPICAL SECTION OF GRADING & SURFACING ON TANGENT.
3/8" Scale



SAND FOUNDATION
TYPICAL SECTION OF GRADING & RESURFACING ON TANGENT. 3/8" Scale.



TYPICAL SECTION OF GRADING & SURFACING ON CURVES, SHOWING SUPERELEVATION.
3/8" Scale.

NOTES ON PAVEMENT & BASE COURSE.

PAVEMENT :– The 3" Pavement or surface course shall be either an "Asphaltic Macadam Surface Course" or a "Cold Emulsified Asphalt Pavement." These being as described below.

ASPHALTIC MACADAM SURFACE COURSE :– 3" (compacted thickness) of Nº 1 crushed rock (3½" to 1") ; 14 lbs. per sq. yd. of Asphalt (85-100 Penet.) and sufficient Nº 3 (1" to ⅝") to cover.

SEAL COAT :– 3 to 4 lbs. of Asphalt (85-100 Penet.) per sq. yd. and sufficient Nº 6 crushed rock (¼" to ⅛") to cover.

COLD EMULSIFIED ASPHALT PAVEMENT :– 3" (compacted thickness) of Nº 1 crushed rock (3½" to 1") filled to within one inch of top of pavement with Nº 5 crushed rock (⅜" to Nº 10) ; ⅞ to 1 gal. per sq. yd. of emulsion ; sufficient Nº 4 (1" to ⅜") crushed rock to key surface ; 1 to 1⅛ gal. emulsion per sq. yd; sufficient Nº 5 crushed rock (⅜" to Nº 10) to complete the keying of the surface ; ⅜ gal. of emulsion and sufficient Nº 6 crushed rock (¼" to ⅛") to cover.

BASE COURSE :– Base course shall be either "Crusher Run" or "Macadam" or "Stone Base Course" as noted below.

CRUSHER RUN BASE COURSE :– 5" (compacted thickness) of crusher run rock (20% wear.)

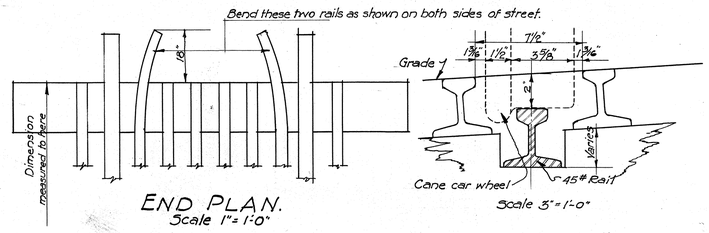
MACADAM BASE COURSE :– 5" (compacted thickness) Nº 1 crushed rock (3½" to 1") completely filled with Nº 45 crushed rock (⅜" to ¼")

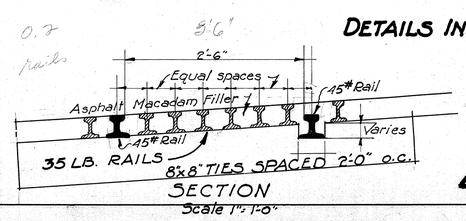
STONE BASE COURSE:– 8" (compacted thickness) stone base placed by hand, stone hammered, chinked and filled with crushed rock. This base will be used in locations as ordered by the engineer or may be omitted entirely and either a crusher run base or macadam base substituted.

LEVELING COURSE OVER STONE BASE COURSE :– After the stone base is fully completed and filled and is true to the required section, the following described leveling course shall be placed: 1½" measured loose of Nº 3 crushed rock (1" to ⅜") (6% wear) spread and rolled to a compacted thickness of 1" as specified.

LEVELING COURSE OVER OLD PAVEMENT :– Where ordered by the engineer, existing pavement together with a leveling course shall be used to form a base for the new pavement. The leveling course shall consist of scarifying, widening and reshaping of present pavement and adding sufficient Nº 1 (3½" to 1"), Nº 2 (2" to 1"), or Nº 3 (1" to ⅜") (6% wear) crushed rock to bring the base up to the required section and using Nº 5 crushed rock (⅜" to Nº 10) as a binder.

For additional details on work covered by above notes, see specifications.





DETAILS INDUSTRIAL TRACK CROSSING.

4258.2