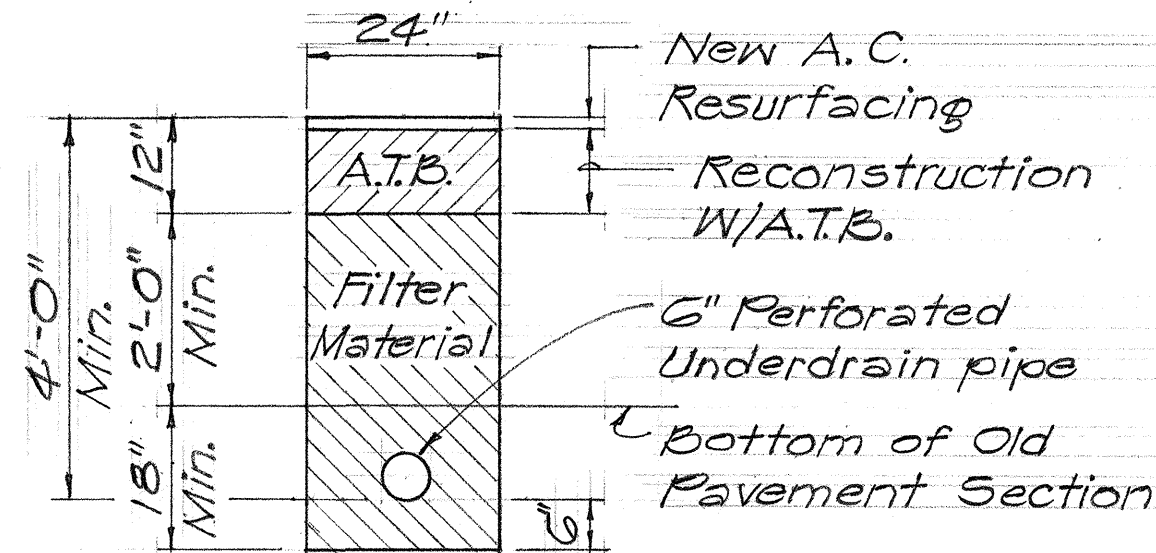


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-03-76M	1976	8	8

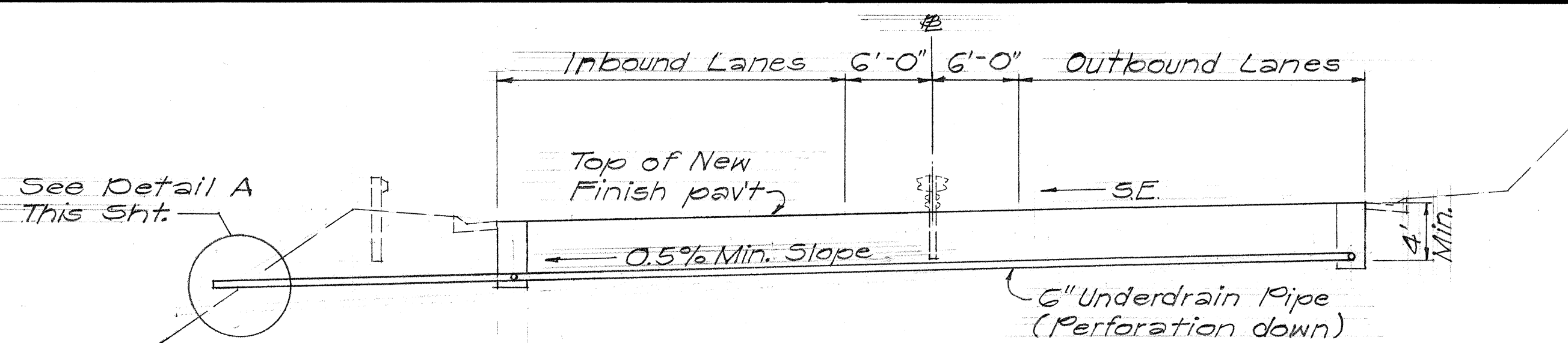
NOTE

In the shoulders and medians, existing improvements above the Filter Material for underdrains shall be restored.

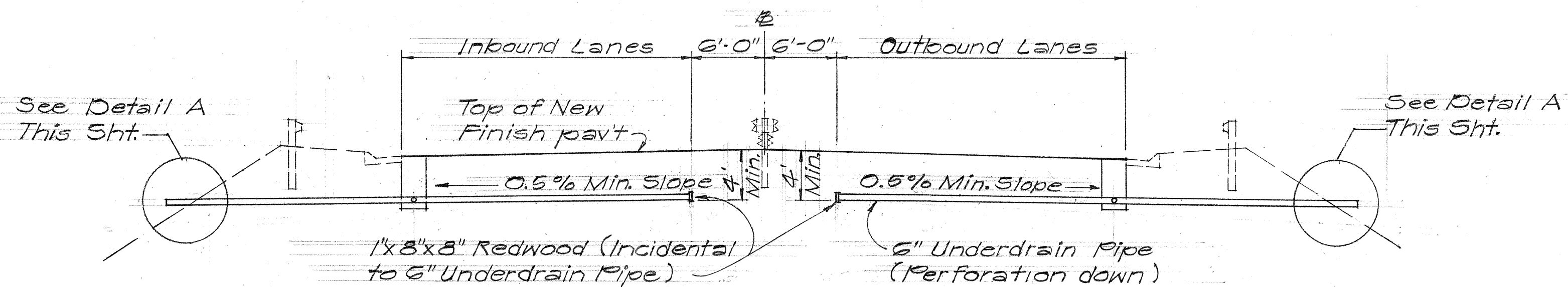
All restoration work will not be measured and paid for separately, but will be considered incidental to the various contract items



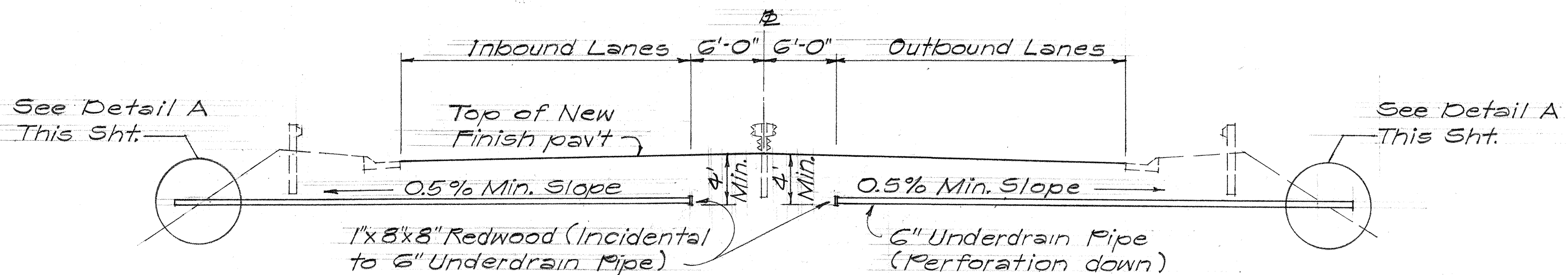
6 INCHES DIAMETER PERFORATED UNDERDRAIN
Scale: 1/2" = 1'-0"



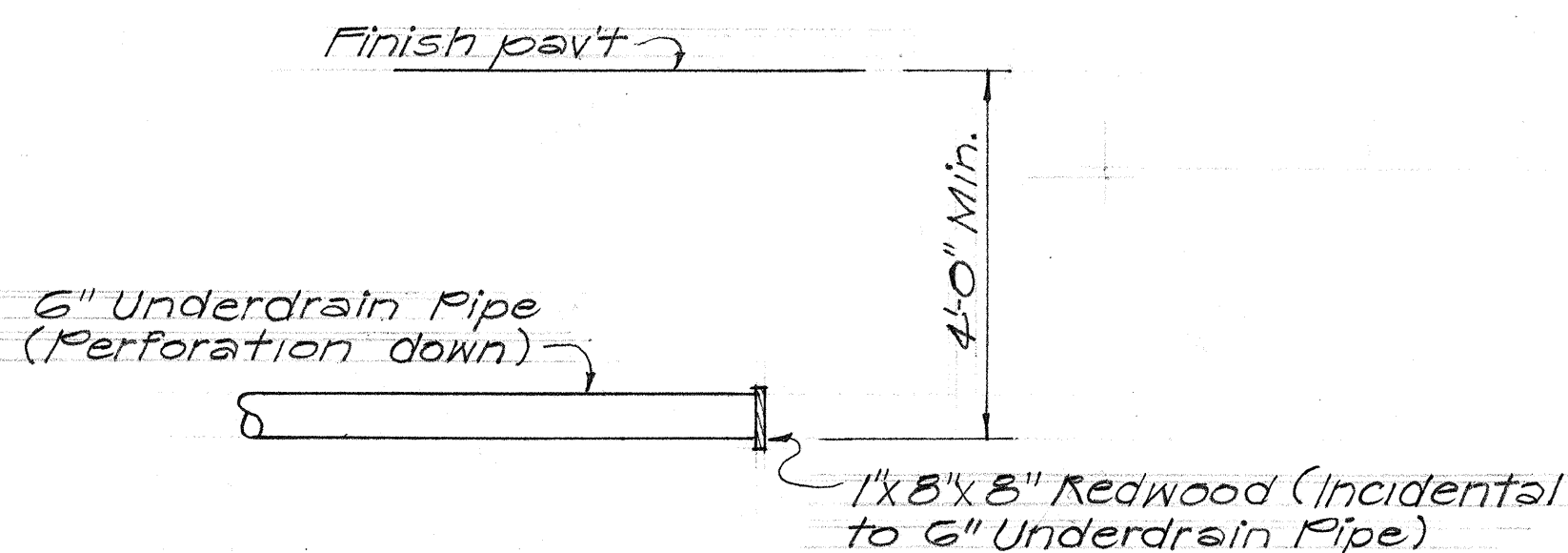
TYPICAL SECTION - CURVE
LONGITUDINAL UNDERDRAIN OUTLET SECTION
(STA. 105+65±)
Scale: 1/8" = 1'-0"



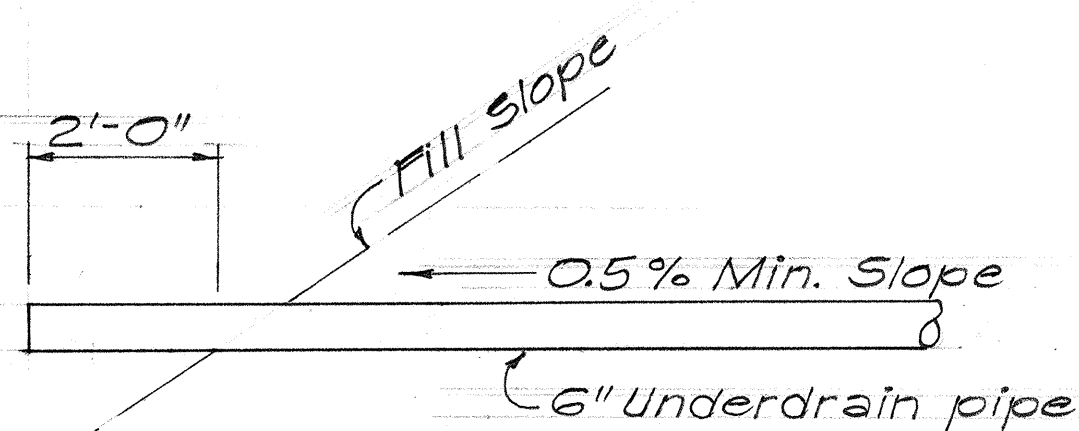
TYPICAL SECTION - TANGENT
TRANSVERSE UNDERDRAIN OUTLET SECTION
(STA. 170+50±)
Scale: 1/8" = 1'-0"



TYPICAL SECTION - TANGENT
TRANSVERSE UNDERDRAIN OUTLET SECTION
(STA. 170+00±)
Scale: 1/8" = 1'-0"



ELEVATION VIEW OF LONGITUDINAL UNDERDRAIN
Scale: 1/2" = 1'-0"



DETAIL "A"
Scale: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UNDERDRAIN DETAILS
LIKELIKE HWY. RESURFACING
FOREST RESERVE BOUNDARY
TOWARDS KAHAKILI HWY.

PROJECT NO. 63A-03-76M

Scale: As Noted Date: June 1976

SHEET NO. 1 OF 1 SHEETS