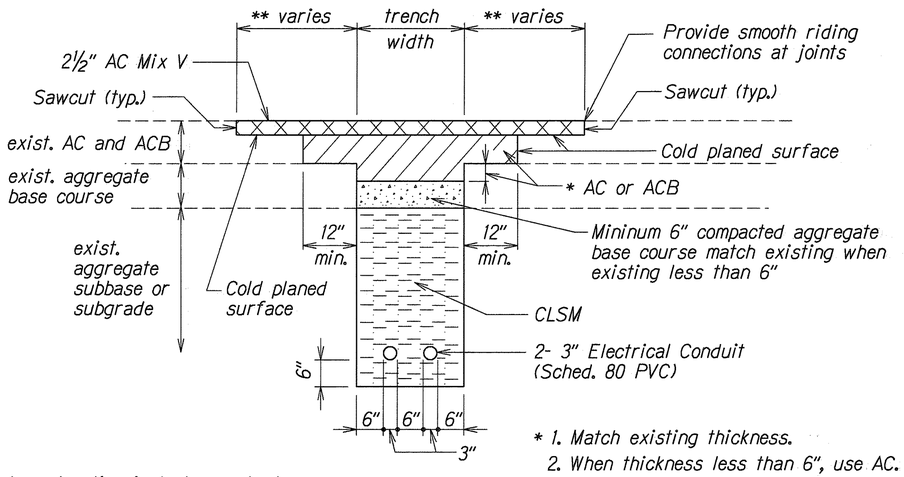
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(34)	2001	12	13



NOTES:

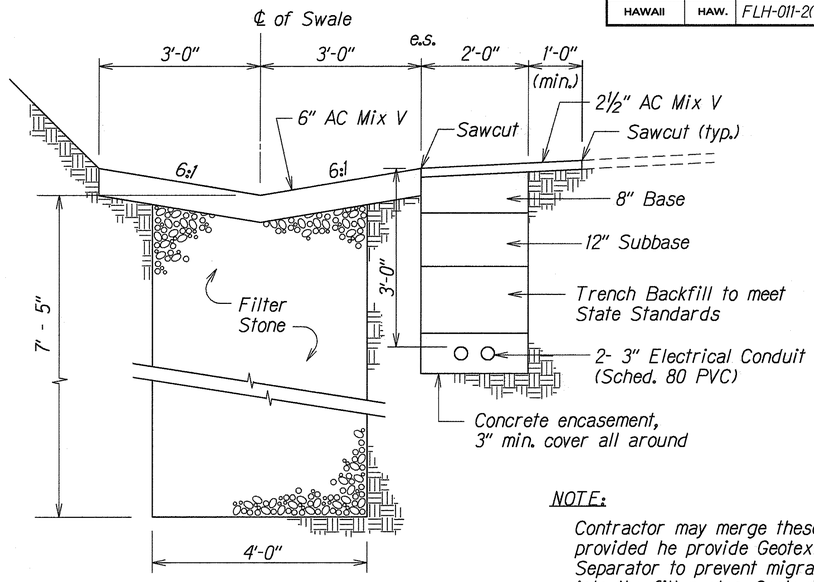
1. This trench restoration is to be used wherever the pavement is an asphalt surface, including medians and paved areas between guardrails. For trenches located in unpaved areas, the backfill need not be CLSM and can be backfilled as specified in the Standard Specifications.
2. Tack coat existing asphalt bound material faces prior to filling excavation with asphalt bound material.
3. When ground water is encountered in trenches, backfill with gravel conforming to ASTM C-33, size 67, encapsulated with permeable separator.

* 1. Match existing thickness.
2. When thickness less than 6", use AC.
3. When thickness 6" or greater, use ACB or AC.

** 1. If trench aligned transverse to direction of travel, 1 foot on each side of trench.
2. If trench aligned along direction of travel, to edge of lane in which trench is located.
3. Smoothness of paved surfaces, the distance from the paved surface to the testing edge of a ten-foot straight edge between two points of contact shall not exceed 3/16".

ASPHALT PAVEMENT RESTORATION OVER TRENCH EXCAVATIONS FOR PAVEMENT SECTIONS WITHOUT PERMEABLE BASE

Scale: 3/4"=1'-0"

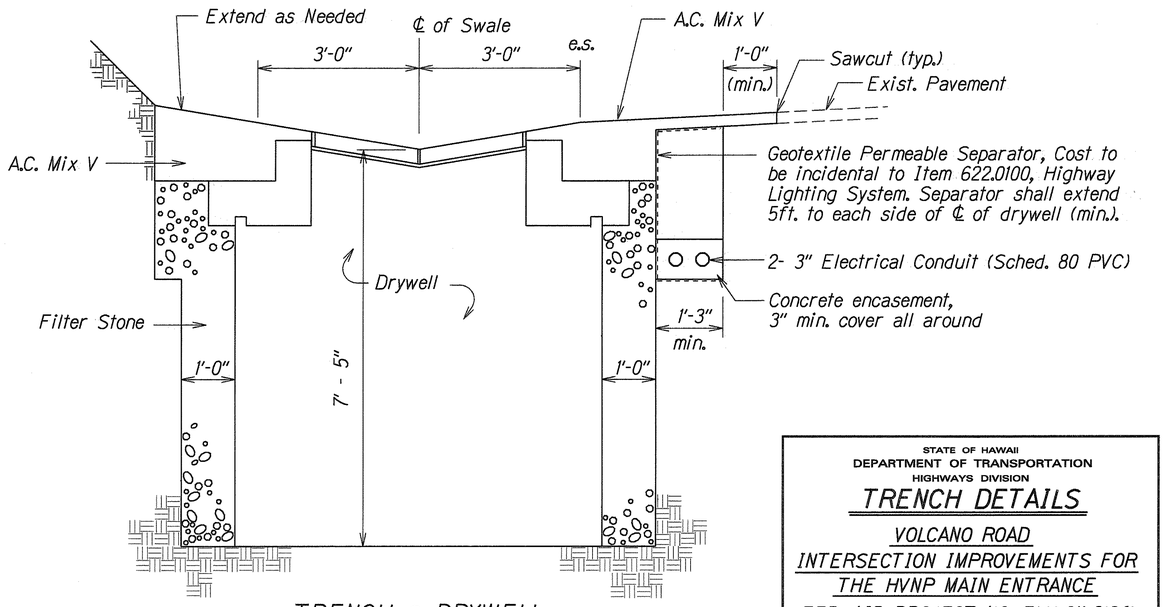


TRENCH THRU AC SWALE @ FILTER STONE

Scale: 3/4"=1'-0"

NOTE:

Contractor may merge these trenches provided he provide Geotextile Permeable Separator to prevent migration of fill into the filter stone.Geotextile Permeable Separator to conform to Subsection 716.02. At no additive cost to the State.



TRENCH @ DRYWELL

Scale: 3/4"= 1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY X	
NOTE BOOK	TRACED BY	
	DESIGNED BY X	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRENCH DETAILS

VOLCANO ROAD
INTERSECTION IMPROVEMENTS FOR THE HVNP MAIN ENTRANCE
FED. AID PROJECT NO. FLH-011-2(34)

Scale: As Shown Date: Nov., 1999

SHEET No. 1 OF 1 SHEETS