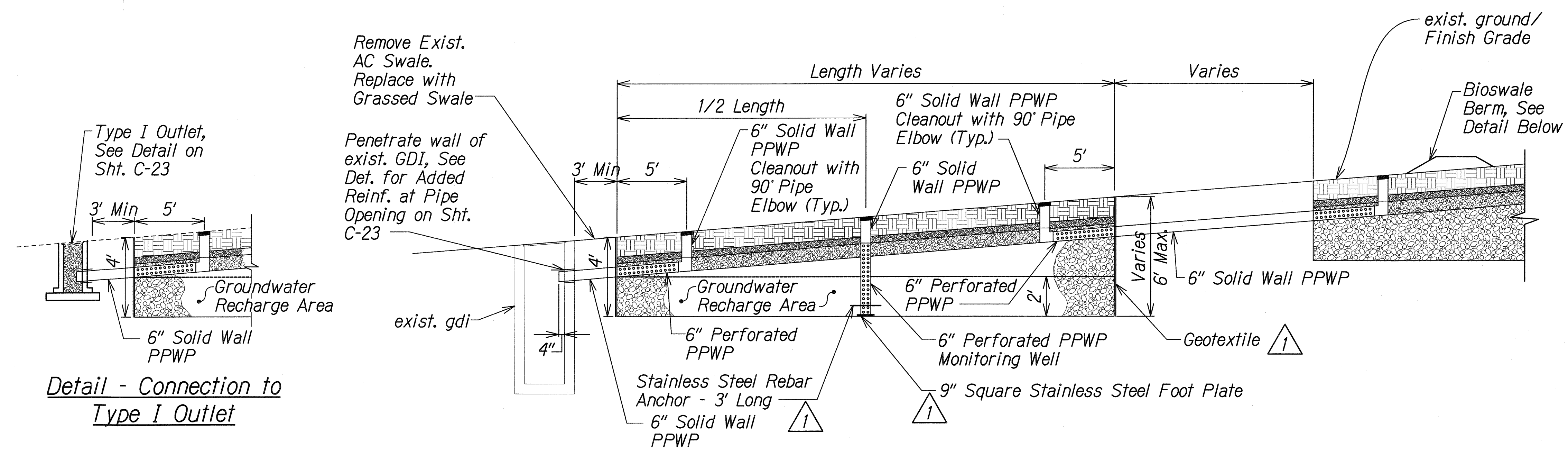


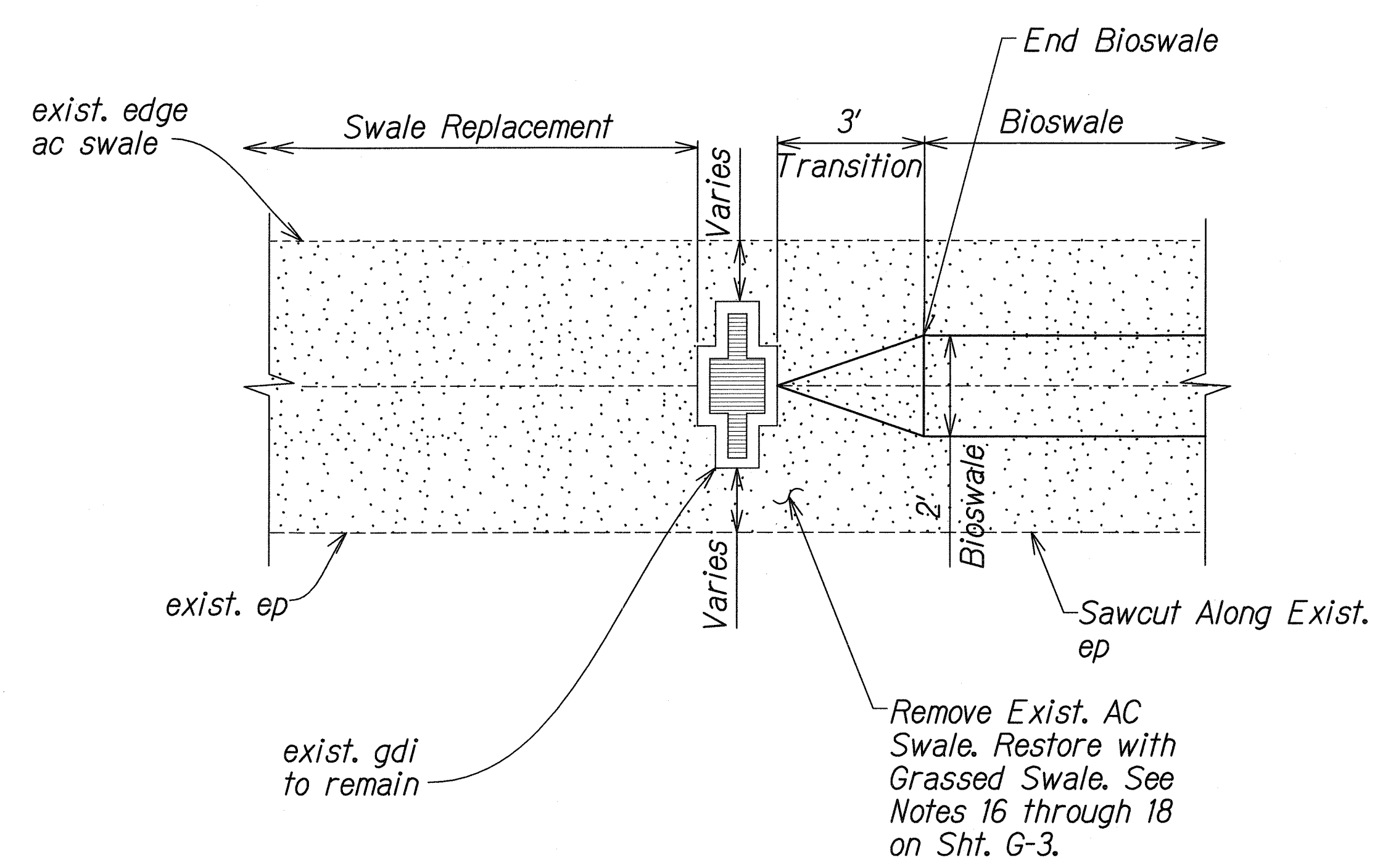
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-11	2012	ADD. 34	43



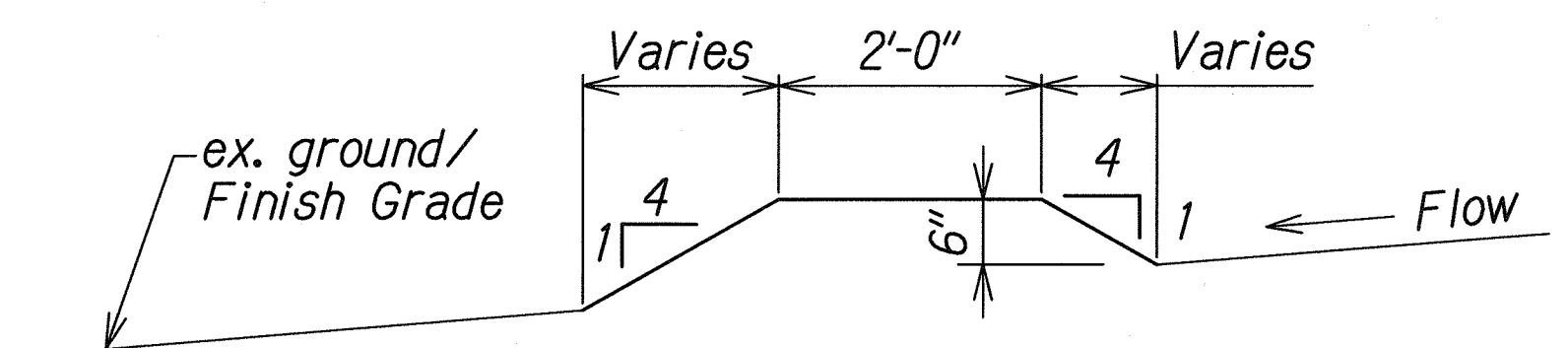
TYPICAL PROFILE - BIOSWALE (IN SERIES)
Scale: NTS

- NOTES:**
1. Bioswale trench shall be excavated when soil is dry and friable. Construction in wet soil will cause smearing and compaction which will decrease the soil's ability to absorb water.
 2. The sides and bottom of the trench shall be raked to depth of 1 inch to expose natural soil structure and to remove any smeared and compacted soil surface before filter media is installed.

Biotrench Filter Media Legend	
	Biotention Soil Mixture (BSM)
	No. 7 Aggregate
	No. 57 Aggregate
	No. 2 Aggregate



TYPICAL SWALE RESTORATION @ BIOSWALE TO EXISTING INLET CONNECTION
Scale: NTS



BIOSWALE BERM DETAIL
Scale: NTS

Note:
Install Bioswale Berm at 50 feet intervals along entire length of Bioswale.

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITY BY	
DATE	

T:\16523A-Permanent BMP\Cadd\Sheets\Details\D-34.dgn

6/13/12	1	Revised typical profile.
Date		Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Gerald D. Andrade
SIGNATURE

04/30/14
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BIOSWALE DETAILS

MISCELLANEOUS PERMANENT BEST MANAGEMENT PRACTICES ON OAHU

PROJECT NO. HWY-0-02-11

Scale: NTS Date: May, 2012

