

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(125)	2011	13	55

CONSTRUCTION SEQUENCE FOR TEMP. BYPASS/DIVERSION DRAIN

- 1 Install temporary silt fence and sand bags.
- 2 Excavation for and construct the temporary gabion outlet. Haul the dry excavated material to an offsite, legal disposal site. Haul the saturated excavated material to Temporary Material Storage and Dewatering Basin P1. See Sheet C1.3 for location of basin.
- 3 Excavate for and Install the 60" bypass/diversion drain from temporary gabion outlet to the concrete wall. Temporarily store the dry excavated material onsite to be used for backfill material. Haul the saturated excavated material to Temporary Material Storage and Dewatering Basin P1. Backfill the trench and stabilize the area.
- 4 Remove a portion of the temporary sand bags at gabion outlet.
- 5 Demolish portions of the existing concrete ditch. Prevent debris from entering into the temporary tee/riser during demolition of the ditch. Clean all demolition debris from ditch. Divert runoff from ditch into the temporary tee/riser.
- 6 Install temporary sand bag cofferdam at existing concrete wall for connection of the 60" bypass/diversion pipe.
- 7 Demolish exist. concrete headwall for connection of the 60" bypass/diversion pipe. Connect the 60" bypass/diversion pipe. Clean all demolition and construction debris on the concrete outlet slab.
- 8 Remove temporary sand bag cofferdam at exist. concrete wall.
- 9 Install temp. erosion control matting, hydromulch, grass to stabilize the disturbed areas as soon as practicable.

Note:

The temporary bypass/diversion drain, including the 60" pipe, riser, bends, fittings, accessories, gabion outlet, excavation, backfill, erosion control matting, hydromulch, grass, and removal will not be paid for separately but shall be considered incidental to Item No. 209.0100 - Installation, Maintenance, Monitoring and Removal of BMP.



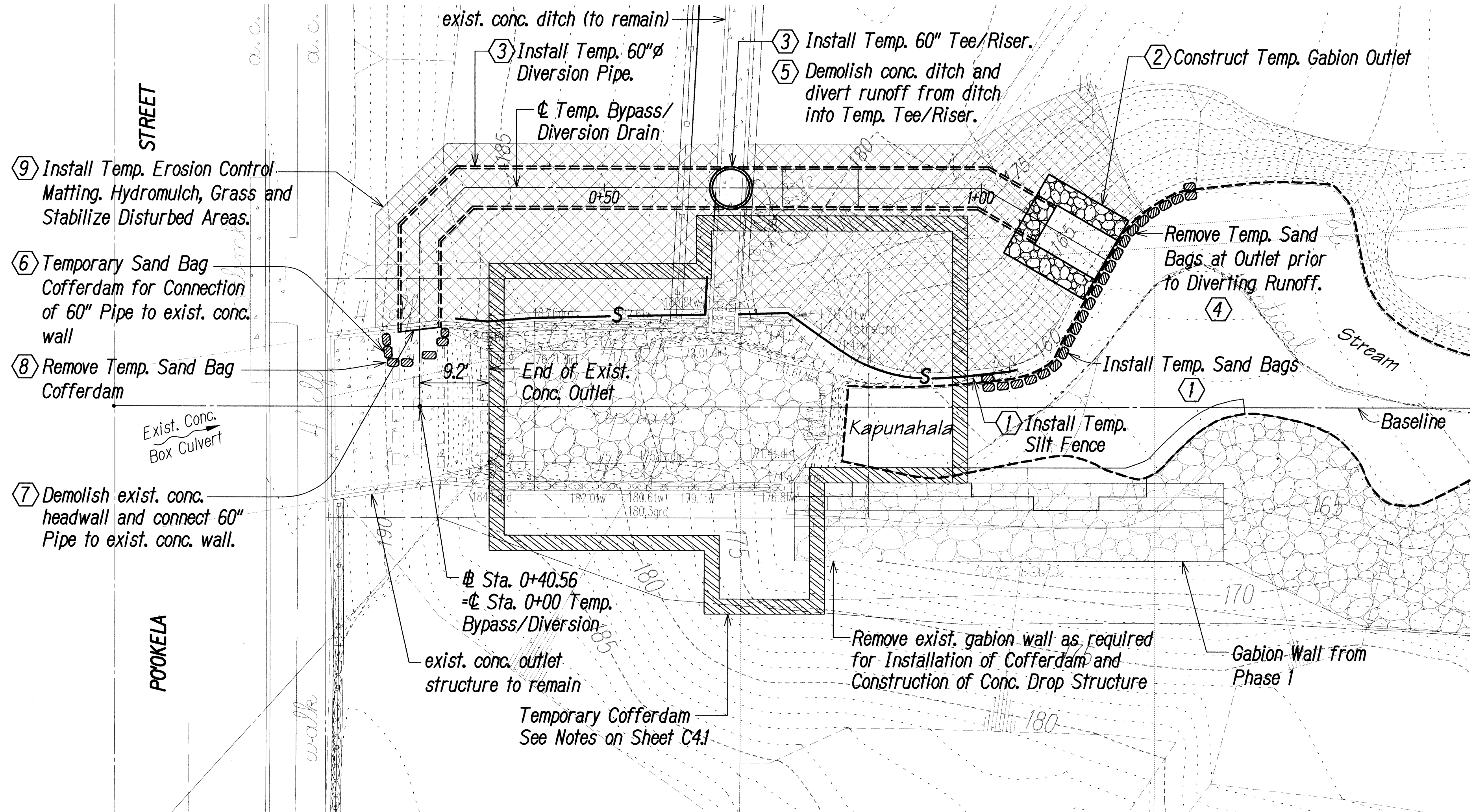
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Russell M. Araki
Professional Engineer
No. 8297-C
APRIL 30, 2012
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TEMPORARY STREAM
DIVERSION PLAN**
CASTLE HILLS ACCESS ROAD
Drainage Improvements, Phase 2
FEDERAL-AID PROJECT NO. STP-0300(125)

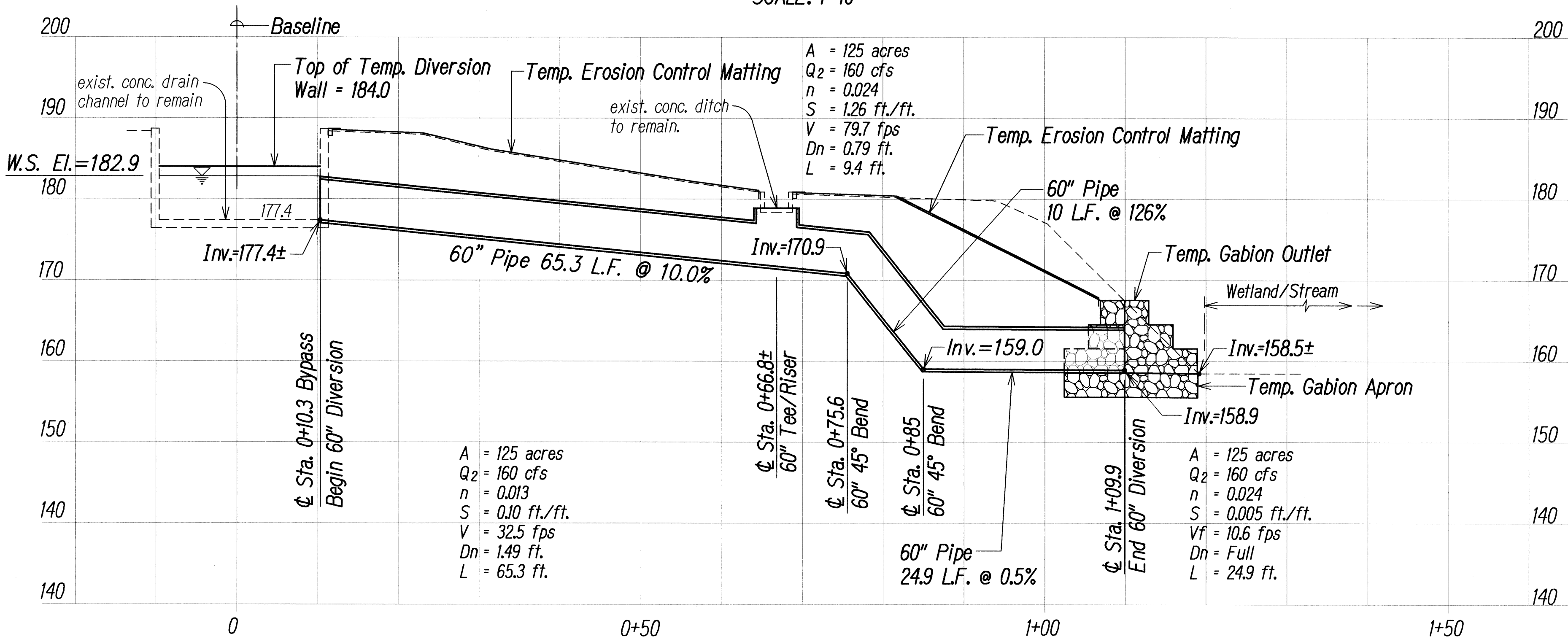
Scale: As Shown Date: December 2011

SHEET No. C21 OF C21 SHEETS



PLAN - TEMPORARY BYPASS/DIVERSION DRAIN

SCALE: 1"=10'



PROFILE - TEMPORARY BYPASS/DIVERSION DRAIN

SCALE: 1"=10' (BOTHWAYS)

DATE	BY
DESIGNED BY	
CHECKED BY	
NO.	