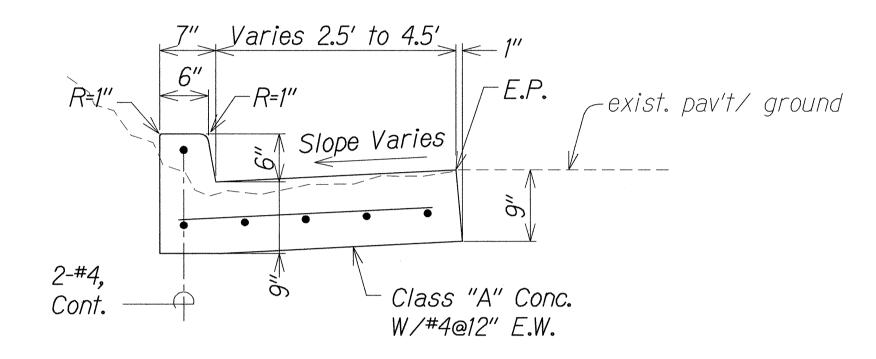
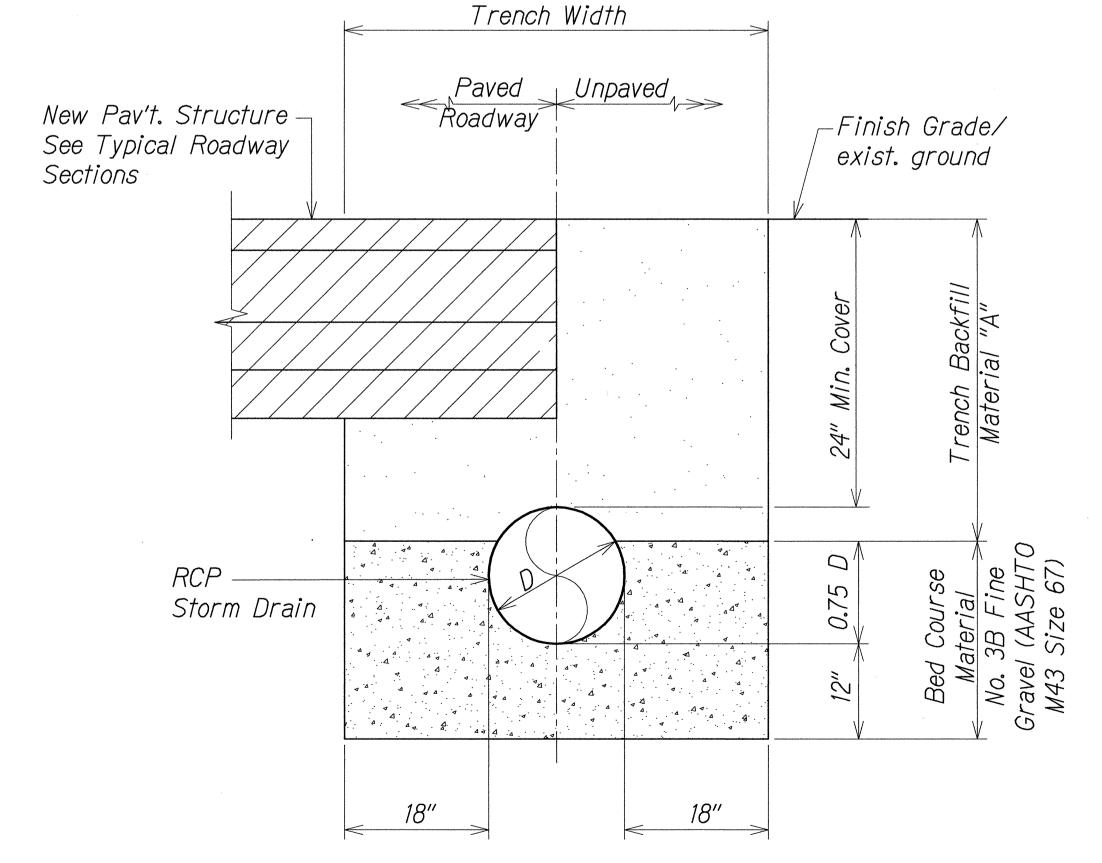


A CURB AND GUTTER, TYPE 2DG MODIFIED Not to Scale

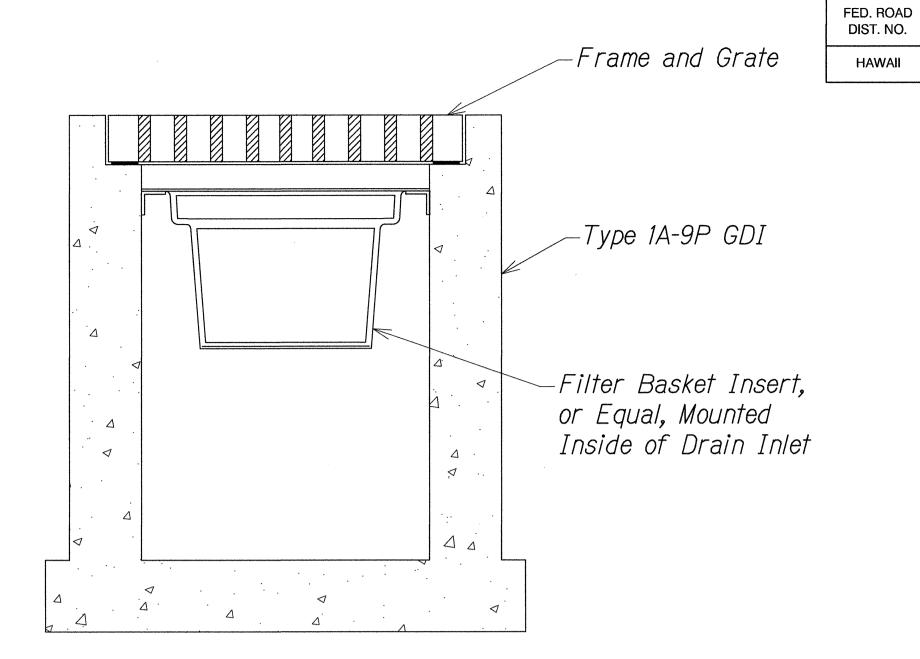


RP-5 DET-1 Rot to Scale



TYPICAL STORM DRAIN TRENCH RESTORATION DETAIL

Not to Scale



NOTES:

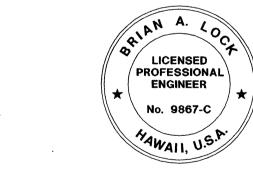
- 1. Filter Basket Insert, or Equal, Shall:
 - a. Provide Full Coverage of Inlets Such that all Influent, at Rated Flows, is Conveyed to filter.
 - b. All Components, Including Mounting Hardware, Fasteners, Support Brackets, Filtration Material, and Support Frame shall be Constructed of Non-Corrosive Materials (316 Stainless Steel or UV/Marine Grade Fiberglass).
 - c. Have a Service Life of 10 to 15 years and Warranted for a Minimum of Five (5) Years.
 - d. Have Absorbent Media for Removal of Petroleum Hydrocarbons. Absorbent Media Shall be Easily Replaced in the Filter.
 - e. Not Inhibit Storm Flows Entering the Inlet, or Obstruct Flow Through the Drain Inlet. Water Shall not Bypass the Filter at Low Flows.
 - f. Capture Trash and Litter, Grass and Foliage, Sediments, Hydrocarbons, Grease and Oil.

POLLUTANT	MINIMUM REMOVAL EFFICIENCY
Trash \$ Litter,	80%
Sediments/TSS,	
Organics	
Oil \$ Grease,	60%
Total Nitrogen,	
Total Phosphorus	

- g. Prevent Washout of Debris and Floatables in the Filter.
- h. Be Readily Removable from the Mounting/Support Frame for Maintenance or Replacement. Refer to Manufacturers Recommendations for Maintenance Program.

FILTER BASKET INSERT DETAIL

Not to Scale



FISCAL YEAR

2014

360AB-01-09

STATE

HAW.

SHEET NO.

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

APRIL 30, 2016
WILSON OKAMOTO CORPORATION LICE SYP. DATE

STATE OF HAWAI'I
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

HANA HIGHWAY
IMPROVEMENTS, PHASE 2A
Huelo to Hana
Project No. 360AB-01-09

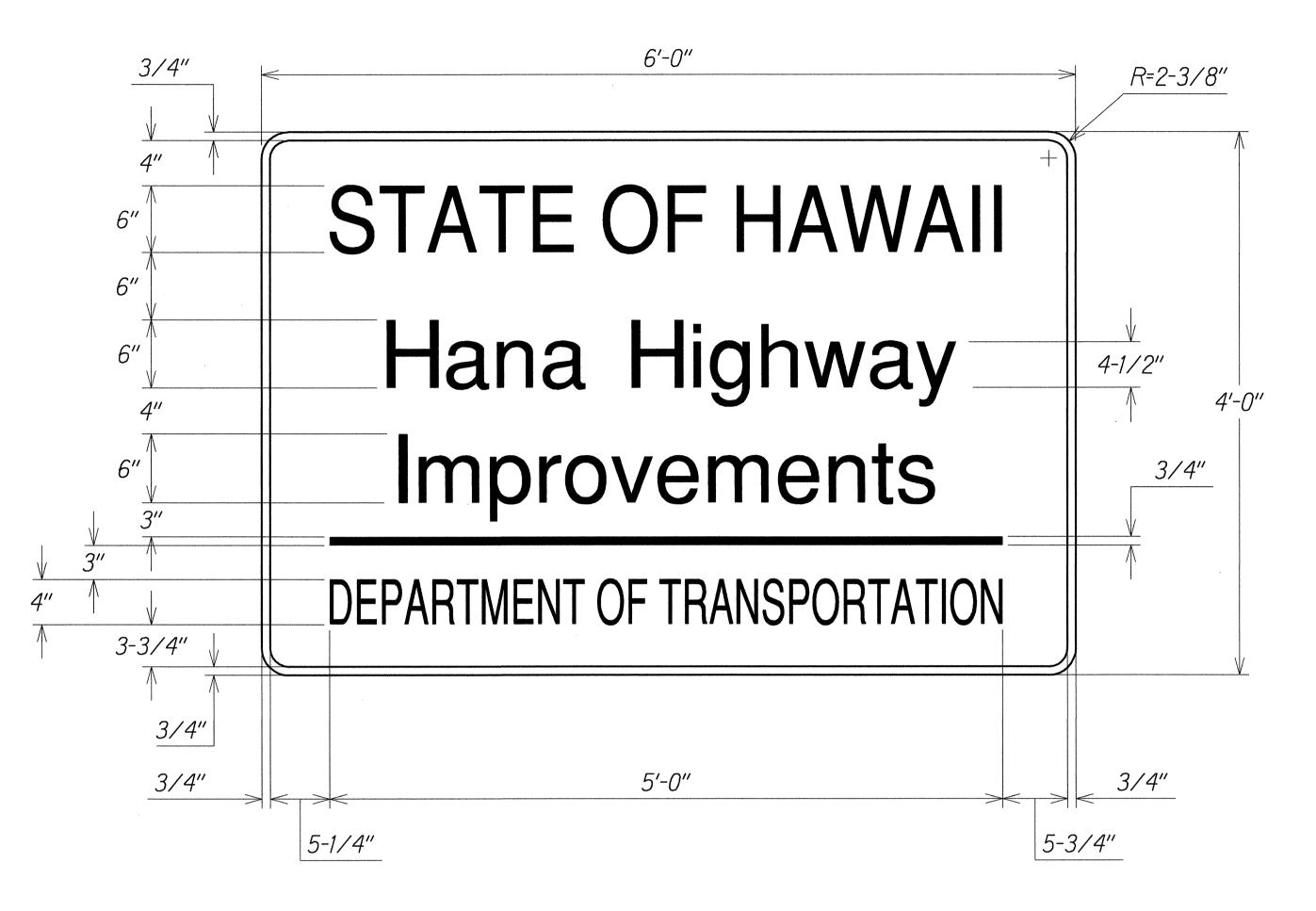
Scale: None

Date: April 2014

SHEET No. DET-1 OF 2 SHEETS

21

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-09	2014	22	47



PROJECT SIGN DETAIL

Not to Scale

LICENSED PROFESSIONAL ENGINEER

No. 9867-C

THIS WORK WAS PREPARED BY ME OR UNDER, MY SUPERVISION.

APRIL 30, 2016

WILSON OKAMOTO CORPORATION LICE FYP. DATE

STATE OF HAWAI'I
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

<u>HANA HIGHWAY</u> <u>IMPROVEMENTS, PHASE 2A</u>

<u>Huelo to Hana</u> <u>Project No. 360AB-01-09</u>

Scale: None
SHEET No. DET-20F

Date: April 2014

OF 2 SHEETS

