

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-H1-1 (263)	2012	36	46

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ESTIMATED QUANTITIES

Item No.	Item	Quantity	Unit
676.1000	Repair of Concrete Deck	110,000	SF

ABBREVIATIONS

Abut.	Abutment	lb., lbs., LBS.	Pound, Pounds
Alt.	Alternate, Alternating	Longit.	Longitudinal
Approx.	Approximate	Max.	Maximum
AZ.	Azimuth	Min.	Minimum
B	Baseline	MPH	Miles Per Hour
Bot., Bott., B	Bottom	No.	Number
C	Centerline	Ref.	Reference
Clr.	Clearance	Reinf.	Reinforced, Reinforcing, Reinforcement
Col.	Column	Req.	Required
Conc.	Concrete	SE	Superelevation
Cont.	Continuous	SF	Square Feet
Dia.	Diameter	Sta.	Station
EA, Ea., ea.	Each	Str.	Straight
Exist., Ex.	Existing	Typ.	Typical
Exp., (E)	Expansion	Vert.	Vertical
Horiz.	Horizontal		

STRUCTURAL NOTES
(Refer to Specification Section 676 -CONCRETE DECK REPAIR for additional information.)

1. Work
- a. The project consists of the full depth replacement of the existing concrete deck of the Pearl City and Waimalu Viaducts. Priority 1 repairs are located in the 2 Mauka lanes of the In-bound East-Bound) viaduct and the 2 Makai lanes of the Out-Bound (West-Bound) viaduct. The thickness of the repair shall match the existing deck thickness. Bottom of repair shall extend to top of existing girder as shown.
- b. See Specifications and sheets 15-35 of this drawing set for traffic control and environmental requirements.
- c. Original construction documents for the Pearl City Viaduct are available from the State of Hawaii Department of Transportation and shall be used to confirm existing details or original construction.
- d. Deck Condition Survey: The Contractor shall confirm the condition of the bridge decks shown on the plans by visual examination and sounding methods in accordance with ASTM D4580. The roadway plans shall be used as a guide to illustrate the general location of the areas to be repaired. Mark the limits of decking to be repaired for approval by the Engineer. The Engineer may direct the Contractor to do spot repairs outside of the marked priority areas.
- e. The work shall be completed within the time constraints specified for lane closure and traffic control.

2. Approximate Bridge Locations
- a. Pearl City Viaduct
H-1 Milepost 9.23 to 10.34
Length of Project 1.11 Miles



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Matthew K. Fujioka
SIGNATURE
4/30/18
EXPIRATION DATE
OF THE LICENSE

LEGEND FOR
AS-BUILT POSTINGS

- ~~~~~ Squiggly line for as-built deletion
- ==±00.00== Double line for as-built deletion
- Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STRUCTURAL NOTES, ESTIMATED QUANTITIES
INDEX TO DRAWINGS AND ABBREVIATIONS
INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-H1-1 (263)
Scale: As Noted Date: July 2016
SHEET No. S-0 OF 10 SHEETS