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

ABBREVIATIONS

Q CIr. Col. Cont Dia. EA,	Ea., ea.	Abutment Alternate, Alternating Approximate Azimuth Baseline Bottom Centerline Clearance Column Concrete Continuous Diameter Each Existing	Ib., Ibs., LBS. Longit. Max. Min. MPH No. Ref. Reinf. Req. SE SF Sta. Str.	Pound, Pounds Longitudinal Maximum Minimum Miles Per Hour Number Reference Reinforced, Reinforcing, Reinforcement Required Superelevation Square Feet Station Straight
Exp., Hori	, (E) Z.	Expansion Horizontal	Typ. Vert.	Typical Vertical

STRUCTURAL NOTES

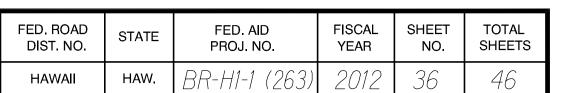
(Refer to Specification Section 676 - CONCRETE DECK REPAIR for additional information.)

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.



LEGEND FOR **AS-BUILT POSTINGS**

Squiggly line for as-built deletion

100.00 Double line for as-built deletion Roadway Text for as-built posting

STRUCTURAL NOTES, ESTIMATED QUANTITIES INDEX TO DRAWINGS AND ABBREVATIONS

STATE OF HAWAI'I DEPARTMENT OF TRANSPORTATION

INTERSTATE ROUTE H-1 PEARL CITY AND WAIMMALU <u>VIADUCT IMPROVEMENTS</u> FEDERAL AID PROJECT NO. BR-H1-1 (263) Scale: As Noted Date: July 2016

SHEET No. S-0 OF 10 SHEETS

"AS-BUILT"