

FED. ROAD DIST. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-080-1(012)	2014	ADD. 23	82

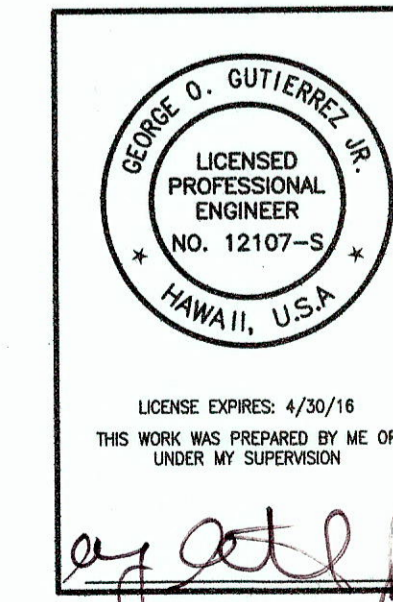
ESTIMATED QUANTITIES (STRUCTURAL)

ITEM NO.	ITEM	QUANTITY	UNIT
209.0100	Installation, Maintenance, Monitoring and Removal of BMP		L.S.
209.0200	Additional Water Pollution, Dust, and Erosion Control		F.A.
501.0010	Replace Steel Truss Rivets with Button-head H.S. Bolts	6,580	EA.
501.0015	Replace Steel Truss Rivets with Standard H.S. Bolts	140	EA.
501.0020	Repair Steel Truss Gusset Plates		F.A.
501.0030	Repair Steel Truss Top Chords	1,798	LB.
501.0040	Repair Steel Truss Bottom Chords	137	LB.
501.0050	Repair Truss Web Members	409	LB.
501.0060	Repair Steel Truss Lacing Bars	1,533	EA.
501.0070	Repair Steel Truss Stay Plates	23	EA.
501.0080	Repair Steel Truss Bearing Connections		L.S.
501.0100	Repair Steel Upper Lateral Bracing, Sway Bracing, and Portal Bracing		L.S.
501.0200	Repair Steel Floor Beams, Deck Stringers, and Walkway Stringers		L.S.
501.0300	Repair Steel Lower Lateral X-Bracing		L.S.
501.0400	Repair Steel Walkway Cantilever Truss		L.S.
501.0500	Repair Steel Hanger Framing Below Bridge Deck		F.A.
501.0600	Repair Steel Below Walkway Cover Plates		F.A.
501.0700	Replace Walkway Deck Joint Steel Cover Plates		L.S.
507.1000	Repair Steel Pedestrian Railing (Including Painting and C.L. Fabric)		L.S.
507.2000	Repair Steel Guardrail Beams		L.S.
509.0100	Repair Concrete Delaminations and Spalls in Deck Soffit	0	S.F.
509.0200	Repair Concrete Delamination and Spalls (Other Areas)	0	S.F.
509.2000	Repair Concrete Cracks by Epoxy Injection	0	L.F.
509.3000	Reinforcing Steel Splices	0	LB.
648.1000	Field Posted Drawings		L.S.
694.1000	Clean and Paint Bridge Steel (Except Pedestrian Railing)		L.S.
695.1000	Lead Certified Supervisor or Project Designer		F.A.
695.2000	Industrial Hygienist Technician		F.A.
695.3000	Removal and Disposal of Lead-Based Paint		F.A.
696.1000	Field Office Trailer (not to exceed \$100,000.00)		L.S.
696.2000	Maintenance of Trailers		F.A.
699.1000	Mobilization (Not to Exceed 6 Percent of the Sum of all Items Excluding the Bid Price of this Item)		L.S.

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SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTED BY	
NO.	

3	Revised Pay Item 501.0020
11/26/14	
DATE	REVISION



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ESTIMATED QUANTITIES (STRUCTURAL)

KAMEHAMEHA HIGHWAY
Repair and Repaint Karsten Thot Bridge
Federal Aid Project No. BR-080-1(012)

Scale: No Scale Date: Sept 2014

SHEET No. 51.4 OF 4 SHEETS

"AS-BUILT"

ADD. 23