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**Farrington Highway: Replacement of Maipalaoa Bridge**

CWB-NOI Form G NPDES Application

Item G.6.c: Construction Schedule

Construction for this project is scheduled to begin October 3, 2011 and is scheduled to be completed January 1, 2014.

<b>Start Date</b>	<b>Activity</b>
October 3, 2011	Preparation (set up staging area, area residents notification, traffic control)
(1) October 18, 2011	Implement erosion controls
(2) October 28, 2011	Begin Site Disturbance- Clear & Grub Abutment Areas
(3) November 1, 2011	Begin major construction activities- Excavate Abutments
(4) October 28, 2011 - December 7, 2011	Pedestrian Traffic Bridge Work- Pour abutments, excavate and pave approaches, fabricate and install Acrow Bridge.
December 8, 2011 - January 26, 2012	Bridge Work: Traffic Control Plan 1 - Demolish existing bridge sidewalk, excavate and pave approaches to bridge and sidewalk
January 27, 2012 - July 5, 2012	Bridge Work: Traffic Control Plan 2 - Install BMP device for Maili Stream, construct water diversion wall, dewater area around abutment pier, demolish existing bridge deck, remove bridge diaphragms, girders, pier caps and abutments, excavate and pour new abutments, drill and pour 5ft shafts and micropiles, pour girder seats, pier walls, deck and diaphragms, install new T-Girders, pave new bridge approach.
July 7, 2012 - December 13, 2012	Bridge Work: Traffic Control Plan 3- Same as Traffic Control Plan 2.
December 14, 2012, - June 24, 2013	Bridge Work: Traffic Control Plan 4- Same as Traffic Control Plan 2, closing concrete pour diaphragms, beams, and new bridge railing.
June 25, 2013 - August 22, 2013	Roadway Drainage Work- Excavate for and install new drain pipes and structures, backfill and pave over drainage structures
August 23, 2013 - September 23, 2013	Roadway Waterline Work- Install new waterline and anchor blocks under bridge deck, excavate and install new waterlines, backfill and pave over waterlines, connect to existing waterlines, chlorinate new water lines.
(5) September 24, 2013	End of major construction activities.



December 2009

September 24, 2013 - October 31, 2013	Roadway Signing & Pavement Marking- Install new signs, striping and crosswalk stop bars.
November 1, 2013 - November 12, 2013	Roadway Highway Lighting- Excavate and install new duct lines, installing new lighting fixtures.
November 13, 2013 - December 12, 2013	Roadway Extra Traffic Control Work- Traffic Control Plan 1, Traffic Control Plan 2, Traffic Control Plan 3, Traffic Control Plan 4.
December 13, 2013 - January 9, 2014	Miscellaneous roadway and bridge work
(6) & (7) January 9, 2014	End of site disturbance. Erosion control measures to be removed.