

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

ADDENDUM NO. 2

FOR

**KAUMUALII HIGHWAY
PAVEMENT PREVENTIVE MAINTENANCE – PHASE I
KOLOA ROAD TO THE VICINITY OF HULEIA BRIDGE
FEDERAL AID PROJECT NO. STP-050-1(039)**

**DISTRICTS OF KOLOA AND LIHUE
ISLAND OF KAUAI
FY 2014**

Amend the Bid Documents as follows:

1. SPECIAL PROVISIONS

1. Replace Table of Contents dated 5/14/14 with the attached Table of Contents dated 6/16/14.
2. Replace Section 401 – Hot Mix Asphalt (HMA) Pavement dated 5/14/14 with the attached Section 401 – Hot Mix Asphalt (HMA) Pavement dated 6/16/14.

2. PLANS

1. Amend Plan Sheet No. 4 – General Notes, Legend, and Abbreviations – 2, by revising note 4 to read as follows:

“4. Contractor shall promptly take down temporary microwave sensors when permanent loop detectors are installed and operational. Payment for installation, maintenance, and removal of temporary microwave sensors shall be considered incidental to the various traffic signal contract items.”
2. Amend Plan Sheet No. 4 – General Notes, Legend, and Abbreviations – 2, by adding the following note after “Patch with HMA Mix No. V” in the Legend:

“See Leveling Course Detail on Sheet R-17.”

Please acknowledge receipt of this Addendum No. 2 by recording the date of its receipt in the space provided on page P-4 of the Proposal.



FORD N. FUCHIGAMI
Interim Director of Transportation

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(I) Amend **Section 401.02 Materials**, by adding the following after line 14:

(II) Amend **Section 401.02(A) General**, by adding the following paragraph after line 24:

(III) Amend **Section 401.02(A) General**, by replacing lines 36 - 37 to read as follows:

(IV) Amend **Section 401.02(C) Submittals**, by adding the following paragraph after line 89:

(V) Amend **Section 401.03(B)(3) Asphalt Pavers**, from line 200 to include the following:

The following specific requirements shall apply to the identified bituminous pavers:

- 46 (1) Blaw-Knox bituminous pavers shall be
47 equipped with the Blaw-Knox Materials
48 Management Kit (MMK).
49
50 (2) Cedarapids bituminous pavers shall be those
51 that were manufactured in 1989 or later.
52
53 (3) Barber-Green/Caterpillar bituminous pavers
54 shall be equipped with deflector plates as
55 identified in the December 2000 Service
56 Magazine entitled "New Asphalt Deflector Kit
57 {6630, 6631, 6640}".
58

59 Prior to the start of using the paver for placing plant
60 mix, the Contractor shall submit for approval a full
61 description in writing of the means and methodologies that
62 will be used to prevent bituminous paver segregation. Use of
63 the paver shall not commence prior to receiving approval
64 from the Engineer.
65

66 The Contractor shall supply a Certificate of
67 Compliance that verifies that the approved means and
68 methods used to prevent bituminous paver segregation have
69 been implemented on all pavers used on the project and is
70 working in accordance with the manufacturer's
71 requirements."
72

73 **(VI) Amend Section 401.03(F)(1) HMA Pavement Courses One and a**
74 **Half Inches Thick Or Greater, from lines 501 to 507 to read as follows:**
75

76 **"(1) HMA Pavement Courses One and a Half Inches Thick Or**
77 **Greater.** Where HMA pavement compacted thickness indicated
78 in the contract documents is 1-1/2 inches or greater, compact to not
79 less than 92.0 percent nor greater than 97.0 percent of the
80 maximum specific gravity determined in accordance with AASHTO
81 T 209, modified by deletion of Supplemental Procedure for Mixtures
82 Containing Porous Aggregate."
83

84 **(VII) Amend Section 401.03(F)(3) HMA Pavement Courses One and a**
85 **Half Inches Thick or Greater In Special Areas Not Designated For Vehicular**
86 **Traffic, from lines 532 to 540 to read as follows:**
87

88 **"(3) HMA Pavement Courses One and a Half Inches Thick or**
89 **Greater In Special Areas Not Designated For Vehicular Traffic.**
90 For areas such as bikeways that are not part of roadway and other
91 areas not subjected to vehicular traffic, compact to not less than

92 90.0 percent of maximum specific gravity determined in accordance
93 with AASHTO T 209, modified by deletion of Supplemental
94 Procedure for Mixtures Containing Porous Aggregate. Increase
95 asphalt content by at least 0.5 percent above that used for HMA
96 pavements designed for vehicular traffic."
97

98 (VIII) Amend **Section 401.03 Construction**, by adding the following after line
99 598:

100
101 **"(K) Control Strip.** Provide seven days notice before beginning
102 production of an asphalt concrete mix.
103

104 On the first day of production, produce sufficient mix to construct a
105 1,000-foot long or minimum 250 tons, whichever is greater, control strip,
106 one-lane wide and at the designated lift thickness. Construct the control
107 strip on the project at a location accepted by the Engineer.
108

109 Construct the control strip using mix production, construction
110 equipment, and compaction procedures intended for the entire mix. Cease
111 production after construction of the control strip until the asphalt concrete
112 mix and the control strip are evaluated and accepted by the Engineer.
113

114 The Engineer will take and test at least three location control strip
115 asphalt concrete mix samples for compliance with the mix design. At a
116 minimum of five locations within the control strip, and as directed by the
117 Engineer, cut core samples. Control strip sampling will be random within
118 the last 2/3 of the control strip.
119

120 The control strip mix is acceptable and full production may resume if:

121
122 (1) the mix is in compliance with the approved mix design
123 allowable tolerances, and
124

125 (2) the compacted mat meets compaction density
126 requirements.
127

128 Repeat the control strip process until an acceptable control strip is
129 produced. Accepted control strips may remain in place and will be
130 accepted and measured as a part of the completed pavement.
131

132 Use these start-up control strip procedures when producing material
133 from a different plant, from a revised mix design, or when resuming
134 production after a termination of production due to unsatisfactory quality.
135

Remove and replace non-conforming control strips. As an alternative to removal and replacement, the Contractor may submit a written request to:

- (1) Have the work accepted at a reduced price; or
- (2) Be given permission to perform corrective measures to bring the work into conformity.

The request must contain supporting rationale and documentation. Include references or data justifying the proposal based on an evaluation of test results, effect on service life, value of material or work, quality, aesthetics, and other tangible engineering basis. The Engineer will determine disposition of the nonconforming work."

(IX) Amend Section 401.04 Measurement, from lines 599 to 605 to read as follows:

"401.04 Measurement. The Engineer will measure asphalt concrete pavement per ton in accordance with the contract documents."

(X) Amend Section 401.05 Payment from lines 607 to 638, to read as follows:

"401.05 Payment. The Engineer will pay for the accepted pay item listed below at the contract price per pay unit, as shown in the proposal schedule. Payment will be full compensation for the work prescribed in this section and the contract documents.

The Engineer will pay for the following pay item when included in the proposal schedule:

Pay Item	Pay Unit
HMA Pavement, Mix No. _____	Ton

(1) 80% of the contract unit price upon completion of submitting a job-mix formula acceptable to the Engineer; preparing the surface, spreading, and finishing the mixture; and compacting the mixture;

(2) 20% of the contract unit price upon completion of cutting samples from the compacted pavement for testing; placing and compacting the sampled area with new material conforming to the surrounding area; protecting the pavement; and final analysis.

182 The Engineer will pay for cold planing in accordance with and under
183 Section 415 – Cold Planing of Existing Pavement.

184
185 The Engineer will pay for adjusting existing frames and covers and valve
186 boxes in accordance with and under Section 604 – Manholes, Inlets and Catch
187 Basins and Section 626 – Manholes and Valve Boxes for Water and Sewer
188 Systems.”

189

190

191

END OF SECTION 401