

**STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION**

**ADDENDUM NO. 3  
for  
ASPHALT PAVEMENT PRESERVATION, RESURFACING, AND  
RECONSTRUCTION AT VARIOUS LOCATIONS**

**FEDERAL-AID PROJECT NO. STP-0900(107)**

**ISLANDS OF MAUI, MOLOKAI, AND LANAI**

**OCTOBER 13, 2023**

This addendum shall make the following amendment to the Bid Documents:

**A. SPECIFICATIONS**

1. Replace Section 110 – ASPHALT PAVEMENT PRESERVATION, RESURFACING, AND RECONSTRUCTION AT VARIOUS LOCATIONS dated r10/2/23 with the attached Section 110 – ASPHALT PAVEMENT PRESERVATION, RESURFACING, AND RECONSTRUCTION AT VARIOUS LOCATIONS dated r10/13/23.

Please acknowledge receipt of this Addendum No. 3 by recording the date of its receipt in the space provided on page P-5.



---

ROBIN K. SHISHIDO  
Deputy Director of Transportation for Highways

1 Make this section part of the standard specifications:

2  
3 **“SECTION 110 – ASPHALT PAVEMENT PRESERVATION, RESURFACING,**  
4 **AND RECONSTRUCTION AT VARIOUS LOCATIONS**  
5

6  
7 **110.01 Scope of Work.** The work shall consist of furnishing all labor, necessary  
8 equipment, materials and traffic control, to perform asphalt pavement preservation,  
9 resurfacing, and reconstruction at various locations as requested. All work shall be  
10 performed within the existing pavement structure. All work shall be performed in a  
11 professional manner in accordance with current practices and this document. All  
12 asphalt and asphalt concrete base debris shall be removed daily at all locations.  
13 See Subsection 110.03 – Area of Coverage.  
14

15 The Contractor shall work as directed by the Engineer or by the Highways  
16 Division’s Maui District Engineer. The Contractor, as per Section 110.04 – Safety  
17 and Convenience, shall provide traffic control. See Section 645 – Work Zone Traffic  
18 Control. A Traffic Control Plan (TCP) shall be submitted to the Engineer for approval.  
19

20 The Department agrees to provide at least two weeks of pavement repair  
21 work for each request.  
22

23 The Contractor shall possess an “A” General Engineering Contractor’s  
24 license, or “C-3” Asphalt Paving and Surfacing Contractor’s license, or “C-3a”  
25 Asphalt Concrete Patching, Sealing, and Striping Contractor’s license for the full  
26 term of the contract and shall have possessed the license prior to the award of the  
27 contract. Failure to meet this requirement shall be cause for disqualification.  
28

29 Pavement repair shall consist of one of the following:  
30

31 **1. 2” Asphalt Pavement Overlay.** Resurface pavement with new  
32 two (2) inches of Hot Mix Asphalt (HMA) Pavement, Mix No. IV or two  
33 (2) inches of Polymer Modified Asphalt (PMA) Pavement, Mix No. IV.  
34

35 **2. Cold Planing and Resurfacing with Asphalt Pavement.**  
36 Cold-plane damaged or deteriorated pavement areas at a depth  
37 specified in each work order. The depth will vary for each pavement  
38 types listed below:  
39

- 40 1. HMA Pavement, Mix No. IV – Depth will be two (2) inches.  
41  
42 2. PMA Pavement, Mix No. IV – Depth will be two (2) inches.  
43  
44 3. HMA Base Course – Depth will vary between two (2)  
45 inches to six (6) inches.  
46

- 47 4. HMA Base Course, PG 64E-22 – Depth will vary between  
48 two (2) inches to six (6) inches.  
49

50 The minimum width of the cold planed area shall be nine (9) feet wide  
51 to include both vehicle wheel ruts in the reconstructed area. The new  
52 resurfaced finish grade shall be the existing road grade. Pavement  
53 surface that varies more than 3/16 inch from testing edge of  
54 straightedge between two contacts exceeds surface tolerance.  
55

56 Schedule the work so that the areas are resurfaced before the  
57 completion of the day's work.  
58

59 **3. Reconstruction of Weakened Pavement Areas.** Excavate to  
60 the depth as directed by the Engineer, backfill the excavated  
61 weakened pavement areas with Hot Mix Asphalt Base Course, and  
62 resurface with HMA Pavement, Mix No. IV. The new resurfaced finish  
63 grade shall be the existing road grade. Pavement surface that varies  
64 more than 3/16 inch from testing edge of straightedge between two  
65 contacts exceeds surface tolerance.  
66

67 Prior to placement of the asphalt base course, the exposed  
68 subbase or subgrade shall be recompact to a dense and  
69 unyielding condition.  
70

71 The Contractor may elect to reconstruct the entire depth of the  
72 pavement reconstruction with HMA base course in preparation of  
73 cold planing as a separate operation, but the State will not pay for  
74 the extra HMA base course and excavation.  
75

76 Schedule the work so that the excavated areas are backfilled  
77 before the completion of the day's work.  
78

79 **4. Scarify Existing Pavement.** Scarify pavement as directed.  
80 The intention of this work is to enhance skid resistance on the  
81 highway. Scarifying shall be parallel to the direction of traffic flow,  
82 shall be accomplished with a cold planer, and at an amplitude not to  
83 exceed one-quarter inch (1/4") or as directed by the Engineer. The  
84 pavement shall be scarified as a width of 10 feet or as directed by  
85 the Engineer on the travel way only, and all existing pavement  
86 markings shall be preserved (in other words, scarify between the  
87 yellow and white stripes only). A seal coat of emulsified asphalt,  
88 diluted with water at a ratio of 1:1, shall be applied to the scarified  
89 areas.  
90

91 **5. Cut Cores in Existing Pavement.** Cut four-inch (4")  
92 diameter sample cores to the full depth of the existing pavement.

The intention of this work is to determine the condition of the underlying pavement structure and base. The number of cores and the location of the sampling shall be as directed. The core holes shall be filled with hot mix AC of the type used in the paving of the section being repaired.

**6. Leveling of Existing Pavement.** Install HMA Concrete Pavement to level dips, sags, and depressions as directed by the Engineer. The new leveled surface finish grade shall be the existing road grade. Pavement surface that varies more than 3/16 inch from testing edge of straightedge between two contacts exceeds surface tolerance.

**7. Slurry Seal.** See Section 404 – Slurry Seal.

**8. Crack Seal.** See Section 408 – Crack Seal.


If the existing pavement marking is required to be removed during pavement repair or other work done under this contract, the Contractor shall install temporary pavement markings. This work shall be considered incidental to the appropriate pavement repairs.

**110.02 Contract Period and Option to Extend.** The period of the contract shall be for 12 months commencing from the Start Work Date indicated from the Department. △ There is an option to extend for 4 additional 12-month periods, without re-bidding, upon mutual agreement in writing prior to the contract expiration date. The maximum contract period is 60 months.

Failure by the Contractor to execute the amendment to extend the contract within the number of days specified under Section 103.07 - Failure to Execute Contract may be cause for cancellation of the written agreement to extend the contract and may be subject to disqualification from bidding future projects for a two-year period in accordance with Section 102.12 - Disqualification of Bidders.

To compensate for escalation during the maximum contract period the Department will adjust the Unit Prices of all items on the Proposal Schedule by 2% on the start date of an extension period. The price adjustment shall not be applied to contract change orders issued within the current contract year or work orders that have already been issued to the contractor.

The Department shall adjust the prevailing wages in accordance with 23 U.S.C. 113 when the option to extend is mutually agreed to in writing prior to the contract expiration date. The current prevailing wage rates, as determined by the U.S. Department of Labor, in effect on the date of the execution of the contract extension shall apply to work covered under the contract extension.

**110.03 Area of Coverage.**  The project requires the Contractor to repair pavement at various locations on the Islands of Maui, Molokai, and Lanai. Work shall be grouped into six areas along with the corresponding routes as shown on the attached map of the islands of Maui (Figure 1), Molokai (Figure 2), and Lanai (Figure 3). Note: There are numerous side streets with or without route numbers along State highways where State Jurisdiction extends various distances into side streets.

The six areas are:

**(A) Area 1 (Central, Maui):**

Route 30,	Honoapiilani Highway, Main Street to North Kihei Road
Route 31,	Piilani Highway
Route 32,	Kaahumanu Avenue
Route 32A,	Hobron Avenue
Route 36,	Hana Highway, Kaahumanu Avenue to Kaupakalua Road
Route 36A,	Haleakala Highway and Keolani Place
Route 37,	Haleakala Highway, Hana Highway to Kula Highway
Route 310,	North Kihei Road
Route 311,	Maui Veterans Highway
Route 340,	Kahekili Highway
Route 380,	Dairy Road and Kuihelani Highway
Route 3400,	Kahului Beach Road and Waiehu Beach Road
Route 3500,	Puunene Avenue
Route 3800,	Mayor Elmer F. Cravalho Way

**(B) Area 2 (Upcountry, Maui):**

Route 37,	Kula Highway, Haleakala Highway to Milepost 21.39
Route 377,	Haleakala Highway and Kekaulike Avenue
Route 378,	Haleakala Crater Road

**(C) Area 3 (Lahaina, Maui):**

Route 30,	Honoapiilani Highway, North Kihei Road to MP 41.67
Route 3000,	Lahaina Bypass

**(D) Area 4 (Hana, Maui):**

Route 360,	Hana Highway, Kaupakalua Road to Hana Bay
------------	---

**(E) Area 5 (Molokai):**

Route 450, Kamehameha V Highway  
Route 460, Kaunakakai Place and Maunaloa Highway  
Route 470, Kalae Highway  
Route 480, Farrington Avenue and Puupeeelua Avenue

**(F) Area 6 (Lanai):**

Route 440, Kaumalapau Highway and Manele Road

**110.04 Safety and Convenience.** The Contractor shall at all times conduct his work to assure the least possible obstruction to public traffic. The Safety and convenience of the general public and the protection of persons and property is of utmost importance, and the Contractor shall provide appropriate traffic control and safety measures. The Contractor and his employees shall treat members of the public in a fair and polite manner. Workers shall present a professional appearance and conduct themselves in a professional manner at all times.

All Traffic Control and safety measures shall be done in Conformance with the "Administrative Rules of Hawaii Governing the Use of Traffic Control Devices at Work Sites on or Adjacent to Public Streets and Highways" adopted by the Director of Transportation, and the current U.S. Federal Highway Administration "Manual on Uniform Traffic Control Devices (MUTCD), 2009 Edition. Costs for traffic control shall include set-up and removal of all signs, cones, delineators, barricades, flag persons, police officers, arrow boards, etc., and shall be included in the sign replacement proposal price. See Section 645 – Work Zone Traffic Control.

Do not close traffic lanes or slow down traffic during the following peak hours (unless otherwise approved by the engineer):

Morning Peak Hours	6:00 A.M. to 8:30 A.M.
Afternoon Peak Hours	3:00 P.M. to 6:00 P.M.

Above peak hours are daily except Saturdays, Sundays and holidays.

The Contractor must notify all private property owners in the vicinity where pavement repair is performed in the event that the work may hinder access to their property. The Contractor must also secure permission prior to entering private property to do pavement repair, if any.

The Contractor shall remove debris daily and shall leave the work site in a condition equal to or cleaner than prior to commencing work. The Contractor shall be responsible for all hauling and lawful disposal of debris. Any unauthorized or illegal disposal is grounds for termination of the contract.

**110.05 Hours of Operation.** The Contractor shall be available to provide the specified services during normal working hours and complete the services within the period specified in the work order or as directed by the Engineer. Normal working days and hours for the project are defined as Monday through Friday, 8:30 A.M. to 3:00 P.M., except for State holidays. Refer to Section 645 – Work Zone Traffic Control. Authorized Highways personnel will contact the Contractor to schedule work, as needed. All services requested after normal work hours may be charged in accordance with Subsection 107.04 – Overtime and Night Work.

**110.06 Disposal of Debris.** The Contractor shall be responsible for all hauling and dump fees and shall include the cost of these items in his bid. Any unauthorized or illegal disposal is grounds for termination of the contract.

**110.07 Work Orders.** The Engineer or his representative shall prepare a work order (Figure 4) for each pavement repair or group of pavement repairs in the same location. Within 48 hours of receiving a work order, the Contractor shall submit a proposed work schedule that demonstrates that work will begin within 2 weeks and be completed by the date indicated on the work order. At certain work sites, erosion control plans or BMP plans will be requested by the Engineer. Submit the signed work order, proposed schedule and BMP plans for approval to the Maui District Highways Office, 650 Palapala Drive, Kahului, Hawaii 96732. Work shall not be performed unless the Contractor receives an approval from the Engineer. The Engineer or his representative shall authorize any increases in the total price.

**110.08 Basis of Payment.** Pavement repairs will be made through work orders placed with the Contractor during the contract period for which payment will be based on the quantities placed and the unit bid prices in the proposal schedule which prices shall include payment for all materials, equipment, tools, labor, and incidentals necessary to complete the pavement repairs.

The Contractor shall submit monthly invoices to the Maui District Highways Office, 650 Palapala Drive, Kahului, Hawaii 96732, if services are rendered. (See Subsection 109.08 - Progress Payments).

The contract unit prices shall be full compensation for furnishing all labor, materials (as listed in Section 104 – Scope of Work), tools, equipment, trucks, traffic control, applicable taxes and incidentals to complete the work.”

## END OF SECTION 110