

1 Make this section a part of the Standard Specifications:

2 3 SECTION 110 - CRACK SEAL REPAIRS

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5 **110.01 Scope of Work** - The work shall consist of furnishing all labor,
6 necessary equipment, materials and traffic control, to seal existing asphalt
7 pavement cracks at various locations as requested.

8
9 All work shall be performed in a professional manner in accordance with
10 current practices and this document. All debris shall be removed daily at all
11 locations. See Section 110.03 – Area of Coverage.

12
13 The Contractor shall work as directed by the Highways Division's Kauai
14 District Project Engineer. The Contractor, as per Section 110.04 Safety and
15 Convenience, shall provide traffic control and its cost shall be inclusive of crack
16 sealing cost.

17
18 The Contractor shall possess an "A" General Engineering Contractor's
19 license, or a "C-3" Asphalt Paving and Surfacing Contractor's license, or a "C-3a"
20 Asphalt Concrete Patching, Sealing, and Striping Contractor's license for the full
21 term of the contract. Failure to meet this requirement shall be cause for
22 disqualification.

23
24 **110.02 Contract Period and Option to Extend** - The period of the contract
25 shall be for twelve (12) months commencing from the date indicated in the
26 "Notice to Proceed" from the Department. There is an option to extend for two
27 (2) additional twelve (12) month periods, without re-bidding, upon mutual
28 agreement in writing prior to the contract expiration date, provided the initial bid
29 price remains the same. The maximum contract period is thirty-six (36) months.

30
31 Failure by the Contractor to execute the amendment to extend the contract within
32 the number of days specified under Section 103.06 Execution of Contract may be
33 cause for cancellation of the written agreement to extend the contract and may
34 be subject to disqualification from bidding future projects for a two-year period in
35 accordance with Section 102.12 Disqualification of Bidders.

36
37 **110.03 Area of Coverage** - The project requires the Contractor to repair
38 asphalt pavement cracks on the Island of Kauai. Work shall be grouped into
39 three areas along with the corresponding routes as shown on the attached map
40 of the island of Kauai (Figure 1). Note: There are numerous side streets with or
41 without route numbers along State highways where State Jurisdiction extends
42 various distances into side streets. The three areas are:

- 48 (A) **Area 1:** Route 50, Kaumualii Highway
 49 Route 51, Kapule Highway
 50 Route 56 Kuhio Highway
 51 Route 58, Nawiliwili Road
 52 Route 570, Ahukini Road
 53
 54
 55 (B) **Area 2:** Route 540, Halewili Road
 56 Route 541, Waialo Road
 57 Route 580, Kuamoo Road
 58 Route 583, Maalo Road
 59 Route 5600, Temporary Kapaa Bypass Road
 60
 61
 62 (C) **Area 3:** Route 550, Waimea Canyon Drive
 63 Route 560, Kuhio Highway
 64

65 *Note: Night work is required for Area 1. Refer to Section 110.04 –
 66 Safety and Convenience
 67

68 **110.04 Safety and Convenience** - The Contractor shall conduct his work to
 69 assure the least possible obstruction to public traffic. The safety and
 70 convenience of the public and the protection of persons and property is of utmost
 71 importance, and the Contractor shall provide appropriate traffic control and safety
 72 measures. The Contractor and his employees shall treat members of the public
 73 in a fair and polite manner. Workers shall present a professional appearance
 74 and conduct themselves in a professional manner.
 75

76 All Traffic control and safety measures shall be done in conformance with
 77 the "Administrative Rules of Hawaii Governing the Use of Traffic Control Devices
 78 at Work Sites on or Adjacent to Public Streets and Highways" adopted by the
 79 Director of Transportation, and the current U.S. Federal Highway Administration
 80 "Manual on Uniform Traffic Control Devices (MUTCD) for Streets and Highways",
 81 2009 Edition. Costs for traffic control shall include set-up and removal of all
 82 signs, cones, delineators, barricades, flag persons, police officers, arrow boards,
 83 etc., and shall be included in the crack sealing proposal price. See Section 645
 84 – Work Zone Traffic Control.
 85

86 Do not close traffic lanes or slow down traffic during the following peak
 87 hours:
 88

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

91
 92 For Area 1, all work which requires the closure of lanes shall be
 93 performed at night. Night work shall be done from 9:00 P.M. to 5:00 A.M. the

following day. No night work is permitted from September 15 through December 15.

The Contractor must notify all private property owners in the vicinity where crack sealing is performed if the work may hinder access to their property. The Contractor must also secure permission prior to entering private property to do crack sealing work, 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. No section of incomplete crack sealing shall be left unshielded at the end of each work day.

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. 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. Normal Working Hours for Work Area 1 is defined as 9:00 P.M. to 5:00 A.M. as specified under Section 110.04. 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 - Prepare a work order (Figure 2) for each crack sealing or groups of crack sealing in the same location. The work order shall be like the attached form. The work order shall also include the construction time schedule. At certain work sites, erosion control plans or BMP plans will be requested by the Engineer. Submit the work order for approval to the Highways Division Kauai District Project Engineer, 1720 Haleukana Street, Lihue, Hawaii 96766. Work shall not be performed unless the Contractor receives an approved work order. The Engineer or his representative shall authorize any increases in total price.

110.08 Basis of Payment - Payment shall be made by purchase order. The Contractor shall submit monthly progress payments to the Kauai District Office, 1720 Haleukana Street, Lihue, Hawaii 96766, if services are rendered. (See Subsection 109.08 Progress Payments)."

END OF SECTION 110