

1 Make the following section a part of the Standard Specifications:

2
3 **SECTION 110 – GUARDRAIL 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 repair guardrail on the
7 Island of Kauai as requested. The guardrail repair involves repairing the rails,
8 posts, spacer blocks, terminal sections (gating and non-gating systems), and
9 impact attenuator systems. All work shall be performed in a professional manner
10 in accordance with current practices and this document. All guardrail parts and
11 debris shall be removed daily at all locations. See Section 110.03 – Area of
12 Coverage.

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

18
19 The Contractor shall have performed similar work for at least two years
20 prior to the bid date. Failure to meet this requirement shall be cause for
21 disqualification.
22

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

29
30 Failure by the Contractor to execute the amendment to extend the
31 contract within the number of days specified under Section 103.07 – Failure to
32 Execute Contract may be cause for cancellation of the written agreement to
33 extend the contract and may be subject to disqualification from bidding future
34 projects for a two- year period in accordance with Section 102.12 –
35 Disqualification of Bidders.
36

37 **110.03 Area of Coverage.** The project requires the Contractor to repair
38 guardrail on the Island of Kauai. Work shall be grouped into one area along with
39 the corresponding routes as shown on the attached map of the island of Kauai
40 (Figure 1). Note: There are numerous side streets with or without route numbers
41 along State highways where State jurisdiction extends various distances into side
42 streets. :
43

44 **(A) Area:**

45 Route 50, Kaumualii Hwy.
46 Route 51, Waapa Rd., Rice St., Kauai Veterans Memorial Hwy.,
47 Kapule Hwy.

48 Route 56, Kuhio Hwy.
49 Route 58, Nawiliwili Rd.
50 Route 540, Halewili Rd.
51 Route 550, Waimea Canyon Dr., Kokee Rd.
52 Route 560, Kuhio Hwy.
53 Route 570, Ahukini Rd.
54 Route 580, Kuamoo Rd.
55 Route 583, Maalo Rd.
56 Route 5600, Temporary Kapaa By-Pass Rd.
57

58 **110.04 Safety and Convenience.** The Contractor shall at all times conduct
59 his work to assure the least possible obstruction to public traffic. The safety and
60 convenience of the general public and the protection of persons and property is
61 of utmost importance, and the Contractor shall provide appropriate traffic control
62 and safety measures. The Contractor and his employees shall treat members of
63 the public in a fair and polite manner. Workers shall present a professional
64 appearance and conduct themselves in a professional manner at all times.
65

66 All traffic control and safety measures shall be done in conformance with
67 the "Administrative Rules of Hawaii Governing the Use of Traffic Control Devices
68 at Work Sites on or Adjacent to Public Streets and Highways" adopted by the
69 Director of Transportation, and the current U.S. Federal Highway Administration
70 "Manual on Uniform Traffic Control Devices (MUTCD), 2003 Edition, including
71 Revision 1 dated August 31, 2004. Costs for traffic control shall include set-up
72 and removal of all signs, cones, delineators, barricades, flag persons, police
73 officers, arrow boards, etc., and shall be included in the guardrail proposal price.
74 See Section 645 – Work Zone Traffic Control.
75

76 Do not close traffic lanes or slow down traffic during the following peak
77 hours:
78

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

81
82 Above peak hours are daily except Saturdays, Sundays, and holidays.
83

84 The Contractor must notify all private property owners in the vicinity where
85 guardrail repair is performed in the event that the work may hinder access to their
86 property. The Contractor must also secure permission prior to entering private
87 property to do guardrail work, if any.
88

89 The Contractor shall remove debris daily and shall leave the work site in a
90 condition equal to or cleaner than prior to commencing work. The Contractor
91 shall be responsible for all hauling and lawful disposal of debris. Any
92 unauthorized or illegal disposal is grounds for termination of the contract.
93

No section of incomplete guardrail 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. 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 guardrail repair or group of guardrail repairs in the same location. 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 Maintenance Engineer, Kauai District Office, 1720 Haleukana Street, Lihue, Hawaii 96766, or email Work Order to willy.s.ortal@hawaii.gov. 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