Make this section part of the standard specifications: **PM shall review and modify as required**

**“SECTION 110 – INSTALLATION AND REPLACEMENT OF SIGNS AT VARIOUS LOCATIONS**

**110.01 Scope of Work.** The work shall consist of furnishing all labor, necessary equipment, materials and traffic control, to install and replace signs on the Islands of Maui, Molokai, and Lanai as requested. Sign replacement for roadside signs involves replacing sign, replacing post, replacing sign and post and replacing all sign and post hardware on an “as needed” basis. All work shall be performed in a professional manner in accordance with current practices and this document. All sign parts and debris shall be removed daily at all locations. See Section 110.03 – Area of Coverage. All signs older than 10-years old shall be replaced where necessary or as directed by the Engineer.

See Figure 1 for the list of Standard Plans applicable to this project.

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

The Contractor shall install or replace signs as requested by the Department from time to time during the term of the contract.

The Contractor shall possess a “C-14” Sign Contractor’s license for the full term of the contract, and shall have possessed the license and have performed similar work for at least two years prior to the bid date. Failure to meet this requirement shall be cause for disqualification.

**110.02 Contract Period and Option to Extend.** The period of the contract shall be for 12 months commencing from the Notice to Proceed Date 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, provided the initial bid price remains the same. 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.

**110.03 Area of Coverage.** The project requires the Contractor to install or replace signs on the Islands of Maui, Molokai, and Lanai. Work shall be along the corresponding routes as shown on the attached maps of the Islands of Maui, Molokai, and Lanai (Figures 2 thru 4). Note: There are numerous side streets with or without route numbers along State highways where State Jurisdiction extends various distances into side streets. The three areas are:

1. **Area 1 (Maui)**

ROUTE 30, Honoapiilani Highway, Main Street to MP 41.67

ROUTE 31, Piilani Highway

ROUTE 32, Kaahumanu Avenue

ROUTE 32A, Hobron Avenue

ROUTE 32B, Wharf Street

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 37, Kula Highway

ROUTE 310, North Kihei Road

ROUTE 311, Maui Veterans Highway

ROUTE 340, Kahekili Highway

ROUTE 360, Hana Highway, Kaupakalua Road to Hana Bay

ROUTE 377, Haleakala Highway and Kekaulike Avenue

ROUTE 378, Haleakala Crater Road

ROUTE 380, Dairy Road and Kuihelani Highway

ROUTE 3000, Lahaina Bypass

ROUTE 3400, Kahului Beach Road and Waiehu Beach Road

ROUTE 3500, Puunene Avenue

ROUTE 3800, Airport Access Road

1. **Area 2 (Molokai)**

ROUTE 450, Kamehameha V Highway

ROUTE 460, Kaunakakai Place and Maunaloa Highway

ROUTE 470, Kalae Highway

ROUTE 480, Farrington Avenue and Puupeelua Avenue

1. **Area 3 (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. 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.

Night work is not allowed under this contract.

The Contractor must notify all private property owners in the vicinity where sign replacement 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 sign 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.

**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 will email, phone, or text a work order (Figure 5) for each sign replacement or group of sign replacements 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, BMP plans, and TTCP for approval to the Maui District Construction Engineer, Maui District 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 total price.

**110.08 Basis of Payment.** Installation or replacement of signs will be made through purchase 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 sign installation and replacement work.

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

END OF SECTION 110