

Amend **Section 614 - Standard Street Survey Monuments** to read as follows:

**"SECTION 614 - STANDARD STREET SURVEY MONUMENTS**

**614.01 Description.** This section describes constructing, adjusting and reconstructing standard street survey monuments.

**614.02 Materials.**

Concrete, Class A 601

Castings 713.09

Use brass pin for marking survey point. Burr or feather pin for anchorage in concrete.

Use zinc-coated standard weight pipe conforming to ASTM A 53.

**614.03 Construction Requirements.**

**(A) Street Survey Monument.** Set street survey monument in required location with frame and cover flush with finished grade of the road.

Apply these provisions for adjusting and reconstructing street survey monuments. Clean the metal parts, salvaged for reuse of foreign matter before reinstallation.

**(B) Reference Survey Data.** Provide the following reference survey data to the Engineer for all new monuments by qualified personnel under the direct supervision of a surveyor licensed in the State of Hawaii with experience in construction surveying of the work:

- (1) Stationing and offset
- (2) Local trig station north-south coordinates.

The Engineer may check the Contractor's survey work. The Engineer will inform the Contractor of the results of these checks. Such checks shall not relieve the Contractor of its responsibility for the accuracy of the layout work.

Furnish personnel, engineering equipment and supplies, transportation, and material necessary to complete the survey work.

**614.04 Method of Measurement.**

- (A) **New Standard Street Survey Monument.** Not applicable.
- (B) **Reconstructing Standard Street Survey Monument.** Not applicable.
- (C) **Adjusting Standard Street Survey Monument.** The Engineer will measure adjusting standard street survey monument per each.

**614.05 Basis of Payment.**

- (A) **New Standard Street Survey Monument.** The Engineer will pay for the accepted new standard street survey monument on a contract lump sum basis. Payment will be full compensation for the work prescribed in this section and the contract documents.
- (B) **Reconstructing Standard Street Survey Monument.** The Engineer will pay for the accepted reconstructing standard street survey monument on a contract lump sum basis. Payment will be full compensation for the work prescribed in this section and the contract documents.
- (C) **Adjusting Standard Street Survey Monument.** The Engineer will pay for the accepted adjusting standard street survey monument at the contract unit price per each. Payment will be full compensation for the work prescribed in this section and the contract documents

The Engineer will pay for 100% of the contract bid price upon completion of adjusting the standard street survey monument.

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

<b>Pay Item</b>	<b>Pay Unit</b>
Standard Street Survey Monuments	Lump Sum
Reconstructing Standard Street Survey Monuments	Lump Sum
Adjusting Standard Street Survey Monuments	Each"

**END OF SECTION 614**