

ARTICLE XIII – ASPHALT DRIVEWAY

13.1 GENERAL – The work to be done under this Article consists of furnishing all labor, materials, equipment and other expenses necessary to place a new asphalt driveway at the Matson storage yard area, Kawaihae Harbor.

13.2 MATERIALS

- A. Bituminous Tack Coat – Bituminous tack coat shall be a slow-setting emulsified asphalt, Type SS1-H, conforming to Section 407 of the Standard Specification.
- B. Hot Mix Asphalt Pavement – Hot mix asphalt pavement shall be Mix IV conforming to Section 401 of the Standard Specifications.

13.3 CONSTRUCTION CRITERIA

- A. The completed thickness of the pavement overlay varies. Uniform slopes shall be maintained on the finished pavement surfaces. Thinner and thicker pavement surfaces shall be provided to maintain uniform slopes fill low spots and minimize ponding.
- B. Where more than one course of new asphalt pavement is placed, a tack coat shall be provided between each course.
- C. The new pavement shall be placed to provide a smooth riding transition between the new pavement and existing area.

13.4 CONSTRUCTION

- A. The existing asphalt pavement shall be sawcut at the repair limits as shown on the drawing. The existing asphalt pavement material shall be removed to a depth of 2-inches below the existing grade and to the pavement repair limits as shown on the drawing. Existing asphalt pavement material shall be removed by cold planning in accordance with Section 415.03 of the Standard Specifications. The Contractor shall exercise caution while cold planning existing pavement material to prevent damage to existing adjacent asphalt pavement and fencing. The removed asphalt pavement material shall be hauled away from the job site and disposed of in a lawful manner by the Contractor.
- B. The remaining portion of the existing asphalt pavement shall be cleaned or all loose material, water dirt, excess dust or objectionable matter.
- C. A bituminous tack coat shall be applied on the prepared surface in accordance with Section 407.03(D) of the Standard Specifications.

- D. A State Mix IV asphalt leveling course shall be installed at all low spots and uneven surfaces, as directed by the Construction Engineer.
- E. A 2-inch-thick State Mix IV HMA pavement shall be installed in accordance with Section 401.03 of the Standard Specifications. The finish pavement shall be smooth, dense and well drained. The pavement shall be placed to meet the criteria defined in paragraph 13.3 above.
- F. The new asphalt pavement shall be allowed to cool for a minimum of (1) day prior to allowing vehicular traffic or loads on to the new pavement surfaces. The Contractor shall furnish and erect barricades to prevent vehicles from entering the driveway area.

13.5 PAYMENT – Payment for asphalt driveway shall be made as described in Article X of these Specifications.