ROADWAY CONSTRUCTION NOTES:

- 1. The allowable lane closure hours and restrictions are provided in the Construction Phasing Plan on Sheet TC-3.
- 2. No trenching work, including reconstruction of weakened pavement areas and highway conduits, shall occur once the SMA wearing course and HMA non-wearing course have been placed for a particular area to ensure a uniform, durable, smooth, and skid-resistant finish.
- 3. The estimated quantity for Hot Mix Asphalt Base shown in the Proposal Schedule assumes that excavated trenches for Reconstruction of Pavement Areas and lighting, power, and communication conduits will be backfilled with HMAB to the existing grade as a temporary condition until placement of the final HMA/SMA layers. Therefore, an additional 4" of HMAB over all reconstructed areas have been added to the estimated quantity and will be paid under pay item 301.1000 Hot Mix Asphalt Base Course.
- 4. The minimum width of shoulder pavement reconstruction (median and right shoulder) is shown on the plans. Additional reconstruction width required by the Contractor to adequately accommodate his paving equipment for placement in accordance with the specifications is assumed to be 8' wide and has been accounted for in the estimated quantities for SMA, HMA, and HMAB. Reconstruction widths greater than 8' for Contractor's convenience will not be paid.
- 5. The Contractor shall place SMA longitudinal joints along the final lane lines. Longitudinal cold joints in the SMA layer shall be limited to a maximum of two joints in each direction.
- 6. Most of the bridges within the project limits have a 1.5" AC inlay within the existing travel lanes. The Contractor shall exercise caution when removing existing pavement on the bridges to ensure the concrete notch is not damaged during milling operations.
- 7. The Contractor shall verify the thickness of the overlay over the area to be removed. As-built plans are only to be used as a guideline. Especially note areas where the concrete deck changes grade or at supporting points such as bents or abutments. Submit a plan for removal of the overlay for acceptance to the Engineer prior to commencing work. The plan shall include the equipment to be used for removal, a monitoring plan during removal to ensure the existing concrete deck is not damaged, disposal of the removed material, transition details for areas that will be reopened to traffic, and environmental controls. Removal of the final half inch of overlay above the concrete deck shall be by shot blasting, hydrodemolition or micromilling only. The concrete substrate shall not be damaged during removal of the asphalt. Any damage to the substrate or deck reinforcing shall be repaired as ordered by the Engineer at no additional cost. Payment for removal of asphalt overlay from concrete bridge deck shall be considered incidental to pay item 406.1000 SMA Pavement.
- 8. The Contractor shall place SMA pavement test strips per Special Provision Section 406. The location shall be accepted by the Engineer.
- 9. The Contractor will be allowed a maximum of 10 nights for cold planing operations in each direction for a total of 20 nights. Longitudinal dropoffs within the travel lanes will not be allowed. Transverse dropoffs shall be tapered at a minimum rate of 48:1.
- 10. As-built plans are available for review from the Design Branch located at the State Department of Transportation, Highways Division, 601 Kamokila Blvd, Room 609, Kapolei, HI 96707 (Ph. 692-7586).

NOTES FOR WORKING IN THE KALIHI-PALAMA LIBRARY, BISHOP MUSEUM, AND FARRINGTON HIGH SCHOOL PROPERTIES:

- 1. Coordinate construction schedule with the respective property owners prior to start of construction. Each owner has limited special events throughout the year that will prohibit construction. See Contact information to the right.
- 2. Within 14 calendar days prior to construction within the specified properties, take detailed photos along construction access path, construction areas, and adjacent structures to document condition of existing features and submit 1 copy to the Engineer. The submitted photo log shall be in booklet form. Each photo or groups of photos shall have a description of the location. Payment for photo log shall be considered incidental to pay item 622.1000 Roadway Lighting System.
- 3. At completion of the work in the specified properties, take detailed photos along construction access path, construction areas, and adjacent structures to document conditions and submit 1 copy to the Engineer. The submitted photo log shall be in booklet form. Each photo or groups of photos shall have a description of the location. Payment for photo log shall be considered incidental to pay item 622,1000 Roadway Lighting System.
- 4. The construction parcel that provides access to the work area along the fence is for access only. No materials and/or equipment shall be stored along the access path. The Contractor shall keep clean and repair any damages along the access path at no cost to the State.
- 5. The Contractor shall be responsible for all damages to existing structures and utilities at no cost to the State.
- 6. Restore vegetation damaged to the satisfaction of the property owner at no cost to the State. Submit Landscaping Restoration Plan to Engineer and property owners for acceptance, prior to commencement of construction.
- 7. Store materials and equipment along fence within construction parcels. Only materials and equipment that pertain to the highway lighting system for that property may be stored in the respective construction parcel. The work area shall be fenced off from the general public. Payment for fencing shall be considered incidental to pay item 622,1000 Roadway Lighting System.
- 8. When not working in the area, provide secure fencing to restrict access onto the freeway.
- 9. The existing highway lighting footings, conduits and cables in the Farrington High School property shall be removed in its entirety. The holes from the removal of the highway lighting footings shall be filled with select borrow or pavement to match the surrounding area (AC or concrete). All exposed soil areas shall be grassed. Payment for removal and restoration shall be incidental to pay item 622,1000 Roadway Lighting System.
- 10. For work within the Kalihi-Palama Library property, no work shall be done one hour prior, during, and one hour after their operating hours. Their operating hours are: Monday and Wednesday 1 p.m. to 8 p.m.; Tuesday, Thursday, Friday, and Saturday 9 a.m. to 5 p.m.
- 11. For work within the Farrington High School property, no work shall be done during the daytime hours.

| FED. ROAD DIST. NO. | STATE | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|------------------------|-------|--------------------------|----------------|--------------|-----------------|
| HAWAII | HAW. | IM-H1-1(269) | 2013 | 20 | 382 |

Farrington High School:

Roy Ikeda
Department of Education
Facilities Development Branch
Ph. No. (808) 377-8301 Ext. 230

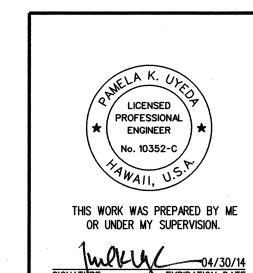
Al Carganilla F.H.S. Principal Ph. No. (808) 832-3600

Bishop Museum:

Larry Schmitt
Director of Building and Grounds,
Exhibits and Special Events
Ph. No. (808) 848-4141
Cell No. (808) 371-1085

<u>Kalihi-Palama Library:</u>

Keith Fujio Ph. No. (808) 586-3713



STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

ROADWAY CONSTRUCTION NOTES

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue

FAP NO. IM-H1-1(269)

Scale: None Date: Apr. 26, 2013

SHEET No. R-01 OF 43 SHEETS