

NOTES FOR GENERAL CONSTRUCTION

1.

The scope of work for this project includes road improvements to Kokee Road between mile post (MP) 4.6 to MP 11.5. Planned improvement includes widening portions of the paved shoulders; reconstructing and resurfacing portions of the paved travel lanes and shoulders; grading and paving roadway shoulders; installing, replacing, and adjusting guardrails; paving underneath guardrails; performing maintenance of drainage culverts; installing and replacing signage and pavement markings; grading a parking area with gravel; realigning an existing irrigation ditch further away from the road; stabilizing the roadside embankment constructing temporary staging areas; installing temporary BMPs and erosion control measures.
2.

The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
3.

The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104(1) - Utilities and Services; and Section 645 - Work Zone Traffic Control.
4.

Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to various items and shall not be paid separately.
5.

The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting of his operations.
6.

At the end of each day's work, the Contractor shall remove all equipment and other obstruction to permit free passage of public traffic.
7.

Work shall be performed at night between 8:30p.m. and 5:00a.m. of the following day, Sunday through Thursday, excluding holidays. Work outside of these hours are permissible when approved by the Engineer in writing. The allowable lane closure hours during night work, except holidays shall be as follows:
Sunday thru Thursday, 9:00 p.m. to 12:00 midnight
Monday thru Friday, 12:00 midnight to 5:00 a.m.
8.

All workers within the State right-of-way who are exposed to either vehicles using the roadway or to construction equipment shall wear high-visibility safety apparel that meets the Performance Class 2 or 3 requirements of ANS/I/SEA 107-2004. "Workers" is defined as people on foot whose duties place them within the State right-of-way, such as, but not limited to construction and maintenance forces, equipment operators, survey crews, utility crews, responders to incidents (e.g. EMT and Firemen), and law enforcements personnel directing traffic, investigating accidents, handling lane closures and obstructed roadways.
9.

No material or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer. The contractor shall obtain a permit to use the property within the highway right-of-way from the State Highways Division at telephone no. (808) 241-3000.
10.

The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
11.

Prior to construction, the Contractor shall contact the various utility agencies for location of existing utilities within the project limits. The Contractor shall locate and protect all existing utilities whether or not shown on the plans. Any cost incurred by damages to existing utilities will be borne by the Contractor. Contractor shall request from One-Call Center, Ph./866-423-7278. The Contractor shall also call the County of Kauai, Department of Water, PH (808) 245-5400 and the Wastewater Division, Ph. (808) 241-6642 for toning waterlines and sewerlines respectively.
12.

All works of toning, probing, hand digging, and all other means of utility verifications shall not be paid for separately, but shall be considered incidental to the various contract items.

13.

The Contractor shall provide for access to and from all existing driveways, sidewalk and ADA access routes, and side streets and cross streets at all times. This work shall be considered incidental to the various contract items.
14.

Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
15.

The contractor, at his own expense, shall keep the project area and surrounding area free from dust nuisance.
16.

Smooth riding connections shall be constructed at all limits of construction including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans.
17.

The Contractor shall exercise extreme caution to preserve all existing right-of-way, centerline, as-built, construction, and NGS (horizontal and vertical in the NGS database) monuments located within the State of Hawaii right of way. If monuments are disturbed or destroyed, the Engineer shall be notified. Reconciliation to the Right-of-Way Baseline and/or a boundary study and determination may be required prior to re-installation of the disturbed or destroyed monuments. The Engineer shall be contacted for guidelines and procedures prior to construction.

A State of Hawaii Licensed Surveyor shall perform the location and staking of the reset monument. The DOT Standard Plans and Specifications, with the exception of NGS monuments which shall have NGS approved "brass disk" marker, shall be referenced for the monument type and materials.

Any NGS vertical monuments that are deemed necessary for relocation due to construction shall follow the NGS benchmark reset procedures written by Curtis Smith dated September 2010 or newer. All work must be done by an electronic digital level that is acceptable by NGS for second-order class one or higher work. The surveyor must use two one-piece invar barcode rods with current certifications with struts with 15 lbs. turning plate or turtles; and/or turning pin with driving cap and temperature readings. Contact NGS prior to any work to ensure all equipment meets reset specifications. A State of Hawaii Licensed Surveyor shall perform the relocation. All work must be submitted both in electronic and hard copy formats to NGS and the Engineer.

All monument work shall be considered incidental to this project, unless noted otherwise.
18.

No sections where guardrail has been removed shall be left unattended at the end of each work day. Open sections shall be shielded by Portable Concrete Barrier or as directed by the Engineer. For Portable Concrete Barrier details, refer to Standard Plans TE-42 and TE-43, Furnishing, installing, and maintaining of these devices shall be considered incidental to the various contract items and will not be paid separately. The portable concrete barrier and the portable concrete barrier end treatments shall become the property of the State upon completion of the project and shall be delivered at the Hawaii Department of Transportation, Highways Division, Kauai District baseyard located at 1720 Haleukana St. Lihue, Kauai.
19.

All saw cutting works shall be considered incidental to the various contract items and will not be paid separately.
20.

The Contractor, at his own expense shall hydro-mulch and maintain per Section 641 - Hydro-Mulch Seeding of the HDOT Standard Specification all areas disturbed by his operations.
21.

Earth swale shall be graded to drain. Graded swales and shoulder shall be grassed. This work shall be considered incidental to the various contract items.

22.

Trimming and dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable materials as shown on the plans and/or as directed by the Engineer. Suitable materials shall include materials from roadway excavation, including topsoil and base material therefrom, and if necessary, additional materials from borrow outside the limits of the right of way. Asphalt concrete removed from cold planing, reconstruction and roadway excavation shall not be used for dressing of shoulders, sidewalk or bus turnout. This work shall be considered incidental to the various contract items.
23.

Prior to paving operations, the Contractor shall be responsible for locating, preserving and marking all utilities and Highway facilities that will require adjustments to the new finished pavement grade. Additionally, the Contractor shall submit to the Engineer a list of all items, including water, drainage, sewer, electrical, telephone and cable utilities to be adjusted to the new finished grade.
24.

The exact locations and limits or areas to be excavated, reconstructed and cold planed shall be determined in the field by the Engineer.
25.

All asphalt concrete materials from cold planning, reconstruction and roadway excavation operations shall become the property of the Contractor. The Contractor shall remove and dispose these materials and shall be considered incidental to the various contract items. The Contractor shall provide the Solid Waste Disclosure notice to the HDOT Engineer.
26.

At the end of each day's paving operation, temporary pavement markers and striping shall be in place prior to leaving the site.
27.

After completion of resurfacing, the Contractor and the Engineer will test for, and determine ponding areas (i.e. low spots within the resurfaced area). It shall be the responsibility of the Contractor to correct and resurface and/or repair all such ponding areas.
28.

The Contractor shall verify all dimensions and details shown on the drawings prior to the start of construction. Any discrepancy shall be immediately brought to the attention of the Engineer.
29.

Tack coat shall be incidental to the various asphalt concrete pavement items.
30.

Payment of terminal sections shall include steel guardrail and post elements for the entire length of the terminal. Additional items required for construction of the terminal section, including anchor blocks, cables, hardware, etc., shall be incidental to the cost of the terminal section.

ORIGINAL PLAN

NO.

SURVEY PLOTTED BY

DATE

DESIGNED BY

TRACED BY

NOTED BY

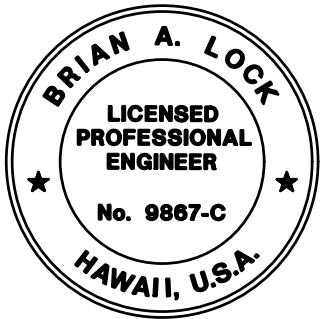
CHECKED BY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2B
MILE POST 4.6 TO MILE POST 11.5
Federal-Aid Project No. STP-0550(006)
Scale: 1" = 20' Date: July 2024

SHEET No. 11 OF 9 SHEETS



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

WILSON OKAMOTO CORPORATION
APRIL 30, 2026
LIC. EXP. DATE

11/13/24	Revised Note
DATE	REVISION