

NOTES FOR GENERAL CONSTRUCTION

1. The scope of work for this project includes road improvements to Kokee Road between mile post (MP) 11.5 to MP 14.0. Planned improvement includes reconstructing and rehabilitating portions of the paved travel lanes; grading and paving roadway shoulders; paving under guardrail; installing, replacing, and adjusting guardrails; maintaining and cleaning culverts; constructing staging areas; and installing signage and pavement markings.
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. All lanes shall be open to traffic during the hours of 7:00 am to 6:00 pm. Only one lane of highway shall be closed at any other time. Night working hours are specified in Section 107 of the Special Provisions. Failure of the Contractor to open all lanes of traffic during the times specified above shall result in assessment of rental fees as specified in Section 108.09 of the Special Provisions.
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 with 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 time. 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 BENCHMARKS (Survey Monuments). Whenever the center of a Survey Monuments is less than three (3) feet from the edge of construction, the Contractor shall retain a Licensed Land Surveyor to reference the location of said Survey Monument. Benchmarks that are disturbed or destroyed shall be restored under a Licensed Land Surveyor's direction. Copies of field notes, descriptions and new values of the new benchmarks shall be sent to the Department of Transportation, Highways Division, Cadastral Engineering Section, for review and approval prior to construction.
18. All new reference survey monuments shall be set under a Licensed land Surveyor' s direction. Copies of field notes, descriptions and new values of the new benchmarks shall be sent to the Department of Transportation, Highways Division, Cadastral Engineering Section, for review and approval prior to construction.
19. 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.
20. Should historic remains such as artifacts, burials, concentration of shell or charcoal be encountered during construction activities, work shall cease in the immediately vicinity of the find. The Contractor shall immediately notify the Planning Department and the State Historic Preservation Division at (808) 241-3690, which will assess the significance of the find and recommend the appropriate mitigation measures, if necessary.
21. The Contractor shall take measures to reduce the spread of invasive species (eg. Rapid Ohia Death) such as by minimizing the movement of plant or soil material between worksites, such as fill. Additionally, all equipment, materials, and personnel should be cleaned of excess soil and debris to minimize the risk of spreading invasive species.
22. Removal and disposal of existing guardrails, signs and delineators shall be considered incidental to the various contract items and will not be paid separately.
23. All saw cutting works shall be considered incidental to the various contract items and will not be paid separately.
24. 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.
25. 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.

26. 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.

27. 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.

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

29. All asphalt concrete materials from cold planing, reconstruction and roadway excavation operations shall become the property of the Contractor with the exception of any amount HDOT wants at its discretion. The Contractor shall remove and dispose excess materials and shall be considered incidental to the various contract items.

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

31. 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.

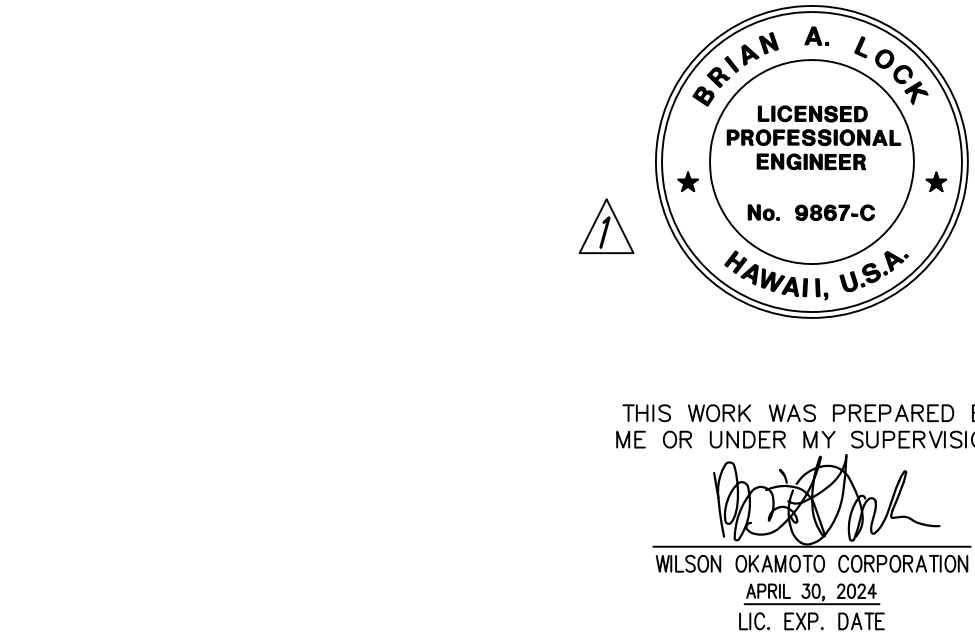
32. The Contractor shall verify all dimensions and details shown on the drawings prior to the start of construction. Any discrepancy shall be immediately brought to the attention of the Engineer.

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

34. 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.	DATE	SURVEY PLOTTED BY	_____
			DESIGNED BY	_____
			QUANTITIES BY	_____
			CHECKED BY	_____

11/07/22	Revised Engineer's Stamp
DATE	REVISION



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES	
WAIMEA CANYON DRIVE / KOEKE ROAD IMPROVEMENTS, PHASE 2A MILE POST 11.5 TO MILE POST 14.0 Federal-Aid Project No. STP-0550(005) Scale: None Date: August 2022	
SHEET No. 1 OF 1 SHEETS	