

GENERAL NOTES

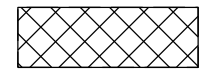
1. The scope of work for this project includes widening the existing roadway pavement to accommodate the construction of left-turn lane; removing and installing pavement markings; Cold planing and resurfacing; hydro-mulch seeding of dressed shoulders.
2. The Contractor is reminded of the requirements 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 104.11 - Utilities and Services; and Section 645 - Work Zone Traffic Control.
4. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
5. 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.
6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting his operations.
7. 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.
8. Trimming and dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material 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 shoulder, sidewalk or bus turnout. This work shall be considered incidental to the various contract items.
9. Earth swale shall be graded to drain. Graded swales shall be grassed. This work shall be considered incidental to Item 641.0100 - Hydro-mulch Seeding and will not be paid separately.
10. 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 various contract items.
11. The Contractor shall provide for access to and from all existing driveways, sidewalks and ADA access routes, and side streets and cross streets at all times. This work shall be considered incidental to the various contract items, and will not be paid for separately.
12. Prior to his resurfacing operations, the Contractor shall be responsible for locating, preserving and marking all utility & 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.
13. All saw cutting work shall be considered incidental to Item 401.0100 - 2 Inch PMA Pavement and will not be paid for separately.

14. Contractor shall exercise extreme caution to preserve BENCHMARKS (Survey Monuments). Whenever the center of a Survey Monument 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 benchmark shall be sent to the Department of Transportation, Highways Division, Cadastral Engineering Section, for review and approval prior to construction.
15. All new reference survey monuments shall be set under a Licensed Land Surveyor's direction. Copies of field notes, descriptions and values of the new survey monuments shall be sent to the Department of Transportation, Highways Division, Cadastral Engineering Section, for review and approval prior to construction.
16. Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to other various contract items and shall not be paid for separately.
17. All asphalt concrete materials from cold planing, reconstruction and roadway excavation operations shall become the property of the Contractor. The Contractor shall remove and dispose these materials at no cost to the State.
18. No material and/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. If use of location is 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. 241-3000.
19. 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 costs incurred by damages to existing utilities will be borne by the Contractor. Contractor shall request from One-Call Center, Ph: 1-866-423-7287. The Contractor shall also call the County of Kauai, Department of Water, Ph: 245-5411 and the Wastewater Division, Ph: 241-6642 for toning waterlines and sewerlines respectively.
20. Should historic remains such as artifacts, burials, concentrations of shell or charcoal be encountered during construction activities, work shall cease in the immediate vicinity of the find. The Contractor shall immediately notify the Planning Department and the State Historic Preservation Division at 241-3690, which will assess the significance of the find and recommend the appropriate mitigation measures, if necessary.
21. 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 ANSI/ISEA 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 enforcement personnel directing traffic, investigating accidents, handling lane closures and obstructed roadways.
22. Removal and disposal of a.c. existing pavement, subbase/base course materials, pavement markings, shall not be paid for separately but shall be considered incidental to the various contract items.
23. No material or equipment shall be stored within the County Right-of-Way.
24. A Grading Permit is required from the County "Department of Public Works" for the disposal of wasted excavated materials. Disposal site shall comply with the County's Sediment and Erosion Control Ordinances No. 808. This work shall be considered incidental to Item 203.0100 - Roadway Excavation and will not be paid separately.

All existing right of way, centerline, as-built, construction, and NGS (horizontal and vertical in the NGS database) monunuments located within the State of Hawaii right of way, must be preserved and displayed Land Surveyor to reference the location of said Survey Monument.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50D-01-20	2022	3	18

LEGEND



Cold Plane



Pavement Widening



Grading Limits



Existing Power Pole



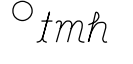
Existing Electric Manhole



Adjusted Elec. MH Frame/Cover



Existing Electric Pullbox



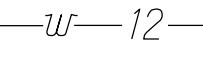
Existing Telephone Manhole



Adjusted Tel. MH Frame/Cover



Existing Telephone Pullbox



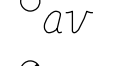
Existing 12" Water Line



Existing Water Manhole



Adjusted Water MH Frame/Cover



Existing Water Air Valve



Adjusted Water Air Valve



Existing Water Valve Box



Adjusted Water Valve Box



Existing Water Meter Box



Adjusted Water Meter Box



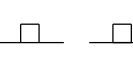
New Type "X" Water Meter Box



Existing Traffic Sign



New Traffic Sign



Existing Metal Guardrail



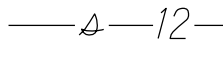
New Metal Guardrail



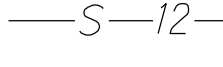
Adjusted and/or Relocated Metal Guardrail



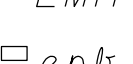
Existing Fire Hydrant



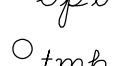
Existing 12" Sewer Line



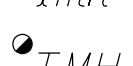
New 12" Sewer Line



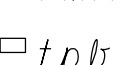
Existing Sewer Manhole



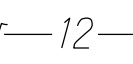
Adjusted Sewer Manhole



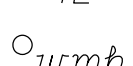
New Sewer Manhole



Existing Monument



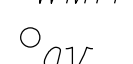
Adjusted Monument



New Monument



Existing 24" Drain Line



Existing Storm Drain Manhole



Adjusted Storm Drain Manhole



Existing Grated Drop Inlet



New Grated Drop Inlet



Adjusted/Reconstructed Drain Inlet or Replaced Steel Grate

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KAUMUALII HIGHWAY
Intersection Improvements at Kauai Nursery
Project No. 50D-01-20

Date: June 2021