

GENERAL NOTES

- 1. The project includes excavating; regrading existing A.C. shoulder; adjusting existing Verizon telephone pullboxes; removing and resetting existing guardrail; constructing drainage structures; installing culverts; and restoring pavement structure.
- 2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- 3. The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -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. Contractor shall provide for access to and from all existing side streets and/or driveways at all times.
- 7. Where pedestrian walkways exist, they shall be maintained in passable condition or other facilities for pedestrians shall be provided. Passage between walkways at intersections shall likewise be provided.
- 8. All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000.
- 9. All existing speed limit signs covered during the lane closure period shall be uncovered upon the removal of the lane closure including construction warning/regulatory signs.
- 10. Refer to Standard Plans for additional details and notes not covered by details and typical drawings.
- 11. All items noted incidental will not be paid for separately.
- 12. The Contractor shall verify the locations of all existing utility lines and notify their respective owner before commencing with any work.
- 13. The Contractor shall verify all grades and dimensions in the field before commencing with any work.
- 14. The Contractor shall be solely responsible for the protection of adjacent property, utilities and existing and new structures from damage due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer. He shall conduct his work in such a manner and provide such temporary shoring or other measures as may be necessary to insure the safety of all concerned and to protect existing structures.

VERIZON HAWAII TELEPHONE COMPANY NOTES

- 1. The Contractor shall procure and pay for all licenses and permits and shall give all notices necessary and incident to the due and lawful prosecution of the work.
- 2. The locations of existing utilities are approximate only. The Contractor shall verify their locations and shall be responsible for any damages to these utilities as a result of his operations. Adjustments to the new ductline alignment, if required, shall be made to provide the required clearances.
- 3. The Contractor shall brace all poles or light standards near the new ductline, manhole or handhole during his operations.
- 4. The Contractor shall saw-cut a.c. pavement, concrete gutter, and concrete sidewalk wherever new manholes, handholes, pull-boxes or ductlines are to be placed and shall restore to existing condition or better.
- 5. The Underground pipes, cables or ductlines known to exist by the Engineer from his search of records are indicated on the plans. The Contractor shall verify the locations and depths of the facilities and exercise proper care in excavating in the area. Wherever connections of new utilities to existing utilities are shown on the plans, the Contractor shall expose the existing lines at the proposed connections to verify their locations and depths prior to excavation for the new lines.
- 6. Prior to the excavation of the ductline, the Contractor shall request that Verizon Hawaii locate existing ductline wherever required.
- 7. The Contractor shall take necessary precaution not to damage existing cables or ducts. Any work involving existing cables or ducts shall be done in the presence of the Verizon Hawaii inspector or his representative. Temporary cable and duct supports shall be provided wherever necessary.
- 8. The Contractor shall notify Verizon Hawaii inspector Sam Kamakau (Phone No. 329-4756 or Cellular No. 987-3880) 24 hours prior to the pouring of concrete or backfilling.
- 9. Wherever connections to existing utilities are shown on the plans, the Contractor shall expose the existing lines prior to excavation of the main trenches to verify their locations and depths.
- 10. All applicable construction work shall be done in accordance with the "Verizon Hawaii Standard Specifications For Placing Underground Telephone Systems" dated March 1999.

DRAINAGE NOTES

- 1. Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various Contract Items.
- 2. The Contractor shall verify the locations of all existing drainage structures and utilities in the field. Any existing drainage structures and utilities damaged during construction shall be repaired or replaced by the Contractor at no cost to the State.
- 3. Concrete shall be Class A unless otherwise noted.
- 4. Unless noted otherwise, chamfer all exposed concrete edges three-quarters (3/4) of an inch.
- 5. Only non-pneumatic type of drill as accepted by the Engineer will be permitted for drilling holes in concrete. Where indicated on the plans, the approximate diameter of drilled holes for installation of dowels shall be 3/8" in diameter, and voids after installing dowels shall be filled with epoxy bonding agent. The cost shall be incidental to the various Contract Items.
- 6. For details of culvert trench and pavement restoration, see Plan Sht. No. 14.
- 7. Removing and resetting of existing metal guardrail shall not be paid separately but shall be included in Item No. 203 - 2000 Roadway Excavation.

LEGEND

- o tp Exist. Telephone Pole
- o pp Exist. Power Pole
- w—12— Exist. 12" Water Line
- o wmh Exist. Water Manhole
- o wv Exist. Water Valve Box
- wrm Exist. Water Meter
- WM Exist. Water Meter to be Adjusted
- o av Exist. Water Air Valve
- ⊙ mon. Exist. Monument
- b Exist. Traffic Sign With 1 Post
- t sp b Exist. Traffic Signal Pull Box
- o t sp Exist. Traffic Signal Pole
- ⊙ Exist. Highway Lighting Standard

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HAWAII BELT ROAD DRAINAGE IMPROVEMENTS  
Vicinity of Honolii Bridge  
Project No. 19J-01-03

Date: July 2004

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	12/10/03
QUANTITIES BY	DESIGNED BY	
CHECKED BY		