

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(20)	2000	3	28

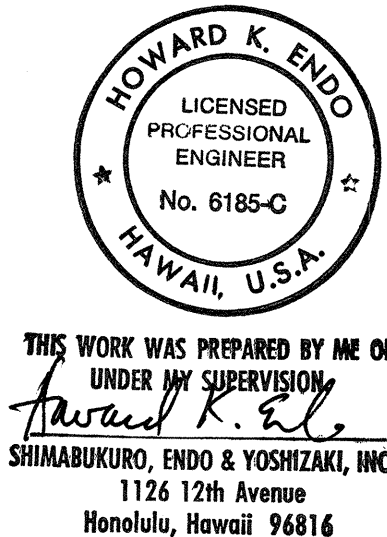
1. The scope of work for this project includes replacing existing signal system with a new traffic signal system and appurtanances; modernizing an existing traffic signal system by replacing signal heads and mountings; installing emergency optical preemption system; constructing pavement for larger turning radius and sidewalk improvements; and installing pavement striping, marking and signing.
2. The Contractor is reminded of the requirements of Subsection 108.01-Subletting of Contract, which requires him to perform work amounting to more 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
Section 645 - Traffic Control Devices
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 vehicles and pedestrian traffic.
5. Locations of existing underground structures and utilities such as pipelines, conduits, cables, manholes, monuments, and structures shown on the Plans are approximate only. It is not the intent of these Plans to show the exact location of all underground utilities and structures. It is the responsibility of the Contractor to verify the locations of all existing utilities with the respective owners. Existing utilities damaged by the Contractor shall be repaired by the Contractor at his own expense.
6. A minimum of 36 inches clear width and 96 inches headroom clearance height shall be provided along walkways.
7. Smooth riding connections shall be constructed at all limits of paving, including the beginning and end of project, connecting approaches, side streets, walkways and driveways as shown on the plans and/or as directed by the Engineer.
8. The Contractor shall provide for access to and from all existing side streets at all times.
9. All construction work shall be done in accordance with these plans, all applicable sections of the Standard Specifications for Road, Bridge and Public Works Construction, dated 1994 as amended, of the State Highways Division, Dept. of Transportation and the project's Special Provisions, unless otherwise specified.

10. The Contractor shall provide, install and maintain all necessary signs, lights, flares, temporary concrete guardrails, barricades, markers, cones and other protective facilities and shall take all necessary precautions for the protection and for the convenience and safety of public traffic. All such protective facilities and precautions to be taken shall conform with the "Rules and Regulations Governing the Use of Traffic Control Devices at Work Sites On or Adjacent to Public Streets and Highways" adopted by the Highway Safety Coordinator and the U.S. Federal Highway Administration's "Manual on Uniform Traffic Control Devices for Streets and Highways, Part VI - Traffic Controls for Highway Construction and Maintenance Operations," dated 1988 and all revisions.
11. 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 location and depth 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 utility lines at the proposed connections to verify their locations and depths prior to excavation for the new lines.
12. When directed by the Engineer, the Contractor shall remove all silt and debris resulting from his work and deposited in drainage facilities, roadways and other areas. The costs incurred for any necessary remedial action by the Engineer shall be payable by the Contractor.
13. The Contractor, at his own expense, shall keep the project area and surrounding area from dust nuisance. The work shall be in conformance with the Air Pollution Control Standards and Regulations of the State Department of Health.
14. All exposed areas shall be sodded or planted immediately after the grading work has been completed. All exposed, graded areas shall be grassed.
15. 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 District Engineer.
16. The Contractor shall provide an adequate and safe non-skid bridging material, including shoring, over trenches in pavement areas. The bridging shall be able to support all types of vehicular traffic.
17. Unless otherwise noted, no trench shall be opened more than 300 feet in advance of installed and tested pipeline and/or ductline.
18. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of underground lines and shall maintain adequate clearance when operating equipment within or under overhead lines.
19. The overhead and underground lines and facilities shall be protected at all times by the Contractor during construction. Costs for any damage repairs to lines and facilities shall be borne by the Contractor.

20. All saw cutting work shall be considered incidental to other items of work in the Proposal.
21. The Contractor shall exercise care to minimize damages to existing highway improvements. All damages shall be repaired by the Contractor, at his expense, to the satisfaction of the Engineer.
22. The Contractor shall inform the State Highways' Engineer (274-3111) at least three (3) days prior to closing any lanes.
23. Driveways shall be kept open unless the owners of the properties using these right-of-ways are otherwise provided for satisfactorily.
24. Where pedestrian walkways exist, they shall be maintained in a safe and passable condition, or other facilities for pedestrians shall be provided. Passages between walkways for pedestrians shall be provided. Passages between walkways at intersections shall likewise be provided.
25. The Contractor shall notify the State Highways' Engineer (274-3111), three (3) working days prior to commencing work.
26. The Contractor shall take extra care of not disturbing the County's existing street monuments. The Contractor shall be responsible for any repairs to the County's monuments if damaged during the Contractor's operations.
27. Existing drainage system will be functional at all times.

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
NO.	_____

dkm:sgd:gn



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

*Kaunualii Highway Traffic Signal
Modernization at Various Locations
Federal-Aid Project No. STP-050-1(20)*

Scale: As Shown Date: Apr., 2000

SHEET No. 1 OF 1 SHEETS