

GENERAL NOTES

1. The Scope of work for this project consists of installing a new traffic signal system with appurtenances, widening the existing roadway for an additional turning lane, pavement striping and markings, 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 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. 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. Locations of existing underground structures and utilities such as pipelines, conduits, cables, etc. manholes, monuments, and structures shown on 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 cost.
6. Contractor shall provide for access to and from all existing side streets and driveways at all times.
7. Maintenance of traffic through the construction area shall be in accordance with part VI of the "Manual On Uniform Traffic Control Devices For Streets And Highways", Federal Highway Administration (1968) and as specified in the special provisions, and as shown on the Traffic Control Plan. The Contractor shall furnish and maintain adequate barricades, blinkers, construction signs, etc., for the safety of the motoring public.
8. The Contractor shall notify the Oahu Transit Services Inc. (OTS), Ed Sniffen, at 848-4571 or Lowell Tom at 848-4578 two weeks prior to beginning any work, informing them of location, scope of work, proposed closure of any street or traffic lanes, and the need to relocate any bus stop.
9. Smooth riding connections shall be constructed at all limits of construction as shown on the plans and/or as directed by the Engineer.
10. The exact limits of pavement widening areas shall be determined in the field by the Engineer.
11. All saw cutting work shall be considered incidental to Roadway Excavation.
12. Existing drainage system will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow, the cost of which shall be considered incidental to the various contract items.
13. The Contractor shall adjust flush to finish grade all manhole, valve, pullbox, and handhole frames & covers, including those not shown on the plans, if there is a change in grade due to construction of the project. If the proposal does not show a contract item, the Engineer will consider them incidental to the various contract item.
14. All necessary permits for work within the jurisdiction of the City and County of Honolulu shall be obtained by the Contractor at his own cost.

PUBLIC WORKS NOTES

1. All construction work shall be done in accordance with the Standard Specifications for Public Works Construction, September 1986, and Standard Details for Public Works Construction, September 1984, as amended, of the Department of Public Works, City and County of Honolulu and the Counties of Kauai, Maui, and Hawaii.
2. 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.
3. The Contractor shall not perform any construction activity that will cause rocks, soil or debris in any form to fall, slide or flow onto adjoining properties, streets or natural watercourses. Should such violations occur, the costs incurred for any remedial action by the Chief Engineer shall be payable by the Contractor.
4. The Contractor shall be responsible for conformance with the applicable provisions of Chapter 54, Water Quality Standards, and Chapter 55, Water Pollution Control, of Title 11, Administrative Rules of the State Department of Health.
5. The Contractor shall notify the Construction Section, Division of Engineering, Department of Public Works at 527-6311 to arrange for inspection services and submit three (3) sets of approved Construction Plans seven (7) days prior to commencement of construction work.

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

1. The Contractor shall make minor adjustments at intersections, driveways, bridges, structures, etc. to fit field conditions.
2. Cones or delineators shall be extended to a point where they are visible to approaching traffic.
3. Traffic control devices shall be installed such that the sign or device farthest from the work area shall be placed first. The others shall then be placed progressively toward the work area.
4. Regulatory and warning signs within the construction zone that are in conflict with the traffic control plans shall be removed or covered. All signs shall be restored upon completion of the work.
5. Flaggers and or/or police officers shall be in sight of each other or in direct communication at all times.
6. All traffic lanes shall be a minimum of ten (10) feet wide.
7. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
8. The backs of all signs used for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces).
9. The Contractor shall remove all traffic control devices no longer needed at the end of each day's work or as soon as the work is completed, to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation. Replace existing faded or obliterated pavement markings that are necessary for safe traffic flow in the construction area with temporary or permanent markings before opening the roadway to public traffic each day.
10. Replace permanent pavement markings and traffic signs upon completion of each phase of work.

LEGEND

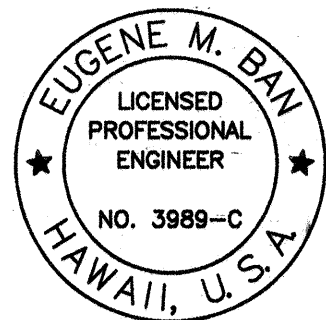
- ⊙ c&c
mon Existing Monument
- lp Existing Light Pole
- tp Existing Telephone Pole
- pp Existing Power Pole
- ga Existing Guy Anchor
- heco Existing Hawaiian Electric Handhole
- New Hawaiian Electric Handhole
- attmh Existing AT&T Manhole
- att — Existing AT&T Line
- sc — Existing Signal Corps Line
- d₂₄ --- Existing 24" Drain Line
- w₈ — Existing 8" Water Line
- wv Existing Water Valve Box
- wmh Existing Water Manhole
- gdi Existing Grated Drop Inlet
- di Existing Drain Inlet
- smh Existing Sewer Manhole
- s₁₂ — Existing Sewer Line
- ⊥ Existing Sign With 1 Post

ABBREVIATION

- Ⓢ Centerline of Right-of-Way
- ep Existing Edge of Pavement
- es Existing Edge of Shoulder
- EP New Edge of Pavement
- ES New Edge of Shoulder
- R/W Existing Right-of-Way Line

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(16)	1995	3	16

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



gmb
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

FARRINGTON HIGHWAY INTERSECTION
IMPROVEMENTS AT MA'IPALAOA ROAD
F.A.P. NO. STP-093-1(16)

DATE: April 1966