

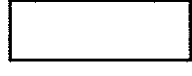


| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-21-98M | 2001 | 4 | 77 |


GENERAL NOTES

1. The scope of work consists of repairing existing water distribution systems, repairing existing portal offices roofing systems, repairing existing tunnel ventilation systems, upgrading and replacing existing carbon monoxide detection system, installing new tunnel lighting UPS system, installing new SCADA system, installing new communication system, and installing new tunnel surveillance system.
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. The Contractor shall notify in writing, the Oahu Transit Services, Inc. Roads Supervision Office, 811 Middle St., Hon., HI 96819 (ph. #848-4571) seven (7) days prior to any paving operations.
7. Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
8. The contractor shall provide for access to and from all existing side streets at all times.
9. Bikepath access shall be continuously accessible to pedestrians and bikes during construction. Contractor shall provide safe detour or passage around work area.

LEGEND

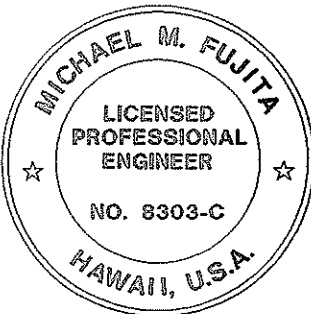
| | |
|---|------------------------------------|
|  | Leveling Areas; I |
|  | Leveling Areas; II |
|  | Cold Planing and Resurfacing Areas |
| E.P. | Edge of Pavement |
| E.S. | Edge of Sidewalk |
| — e — | Existing Electrical Line |
| ° pp | Existing Power Pole |
| ° emh | Existing Electrical Manhole |
| ° EMH | Adjusted Electrical Manhole |
| — t — | Existing Telephone Line |
| ° tmh | Existing Telephone Manhole |
| ° TMH | Adjusted Telephone Manhole |
| — w6 — | Existing Water Line & Size |
| ° wmh | Existing Water Manhole |
| ° WMH | Adjusted Water MH Frame/Cover |
| ° wv | Existing Water Valve Box |
| ° fh | Existing Fire Hydrant |
| — s8 — | Existing Sewer Line & Size |

LEGEND (CONT.)

| | |
|---|---|
| ° smh | Existing Sewer Manhole |
| ° SMH | Adjusted Sewer MH Frame/Cover |
| — g4 — | Existing Gas Line & Size |
| ° gv | Existing Gas Valve Box |
| ° GV | Adjusted Gas Valve Box |
| ° mon. | Existing Monument |
| ° MON. | Adjusted Monument |
| ==== d18 ==== | Existing Drain Line & Size |
| ° sdmh | Existing Storm Drain Manhole |
| ° SDMH | Adjusted Storm Drain Manhole |
| □ gdi | Existing Grated Drain Inlet |
|  | Existing Catch Basin |
| ° | Existing Traffic Sign |
| ° | Existing Highway Lighting Standard |
| □ ts | Existing Traffic Signal Post |
| □ tspb | Existing Traffic Signal Pullbox |
| □ □ □ Id | Existing Loop Detector |
| □ | Existing Magnetic Detector |
| ° ccmh | Existing Communication Cable Manhole (Army or Navy) |
| — i6 — | Existing Irrigation Line & Size (State) |
| ° imh | Existing Irrigation Manhole |

| | |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY | |
| DESIGNED BY | |
| QUANTITIES BY | |
| CHECKED BY | |
| ORIGINAL PLAN | |
| NOTEBOOK | |
| No. | |

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THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Michael D. Fujita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GENERAL NOTES
WILSON TUNNEL IMPROVEMENTS
SCADA UPGRADE
PROJECT NO. HWY-0-21-98M
Scale: AS NOTED Date: JULY 2000
SHEET No. C-1 OF C-4 SHEETS