

GENERAL NOTES

1. The scope of work for this project includes replacing existing traffic signal pullboxes with new metric pullboxes; replacing all 8-inch signal heads and retrofiting all incandescent signal heads with 12-inch LED heads; installing Opticom receivers, cables and controller cards; replacing existing fluted, dented or corroded traffic signal standards with new standards; replacing all 19-conductor signal cable with new 26-conductor signal cable; replacing deteriorated or damaged cables with new cables; replacing damaged or plugged conduits with new conduits; replacing defective detector loops and pedestrian push button cables; and installing new traffic signal interconnect cable.
2. 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.
3. 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.
4. Representation of the existing signal system underground conduits and signal appurtenances is based on as-built record drawing information provided by the State DOT. The Contractor shall verify the actual layout of conduits and cables for the existing signal system prior to beginning work on the signal system.
5. A minimum of 36 inches clear width and 96 inches headroom clearance height shall be provided along walkways.
6. 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.
7. The Contractor shall provide for access to and from all existing side streets at all times.
8. 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 2005 as amended, of the State Highways Division, Dept. of Transportation and the project's Special Provisions, unless otherwise specified.
9. 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 2003 and all revisions.

GENERAL NOTES (Continued)

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. 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 Contractor shall be at his expense.
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. 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.
15. 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.
16. Unless otherwise noted, no trench shall be opened more than 300 feet in advance of installed and tested pipeline and/or ductline.
17. 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.
18. 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.
19. All saw cutting work shall be considered incidental to other items of work in the Proposal.
20. 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.
21. Driveways shall be kept open unless the owners of the properties using these right-of-ways are otherwise provided for satisfactorily.
22. 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. All pedestrian access shall be in compliance with ADAAG and HDOT Policies.
23. The Contractor shall take extra care of not disturbing the existing street monuments. The Contractor shall be responsible for any repair to the monuments if damaged during the Contractor's operations.
24. Existing drainage system shall be functional at all times.
25. Pavement markings disturbed by the Contractor's operation shall be restriped and/or installed at his own expense.

TOPOGRAPHIC SURVEY AND MAPPING NOTES:

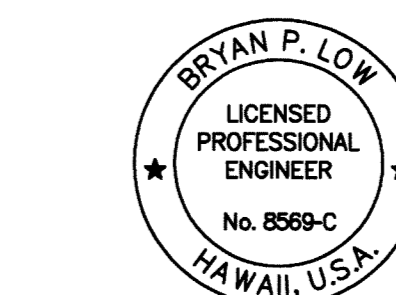
1. *The topographic survey map for the intersections along Waiālae Avenue; Farrington Highway at Kunia Road and at Waipio Point Access Road; Pali Highway and the H-1 Freeway Off-ramp and at School Street; and at Likie Highway at Kahekili Highway and at Anoi Road; and at Kahekili Highway and Kulokoee Street were conducted by ControlPoint Surveying, Inc. Mapping for Nimitz Highway from Paiea Street to Halekauwila Street; Farrington Highway from Paiwa Street to Leoku Street; and Farrington Highway from Lualualei Homestead Road to Makaha Valley Road is based on electronic as-built record drawings provided by the State DOT.*
2. *Underground utility lines and/or structures, if shown, are provided for information only and are based on information shown on plans/maps prepared by others. The information shown, therefore, may or may not be representative of actual field conditions. The underground utility lines and/or structures may or may not be present at the locations shown or other underground utility lines and/or structures not shown may be present.*
3. *Unless otherwise noted, all locations of underground utility lines and/or structures are approximate. No guarantee is made on the accuracy or completeness of the information shown. The user(s) of the topographic survey map shall verify the information, as needed, during construction.*

PUBLIC TRANSIT DIVISION (OTS) NOTE

The Contractor shall notify Oahu Transit Services, Inc., (OTS-TheBus Contractor), Ed Sniffen (848-4571) or Lowell Tom (848-4578), two weeks prior to construction, informing them of location, scope of work, proposed closure of any street or traffic lanes, and the need to relocate any bus stops.

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

Plot Date: Jul 29 2008 Plot Time: 11:15 am
File: S:\Bpl\DOT Oahu Various TSM\draw\q02 q notes01.dwg



LICENSE EXPIRATION DATE 04/30/10

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION


SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1426 12TH Avenue
Honolulu, Hawaii 96816

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

General Notes

Traffic Signal Modernization
Various Locations - Oahu
Federal-Aid Project No. CMAQ-0300(111)

Date: July, 2008

SHEET No. 1 OF 3 SHEETS

HECO NOTES

1. The location of HECO's overhead and underground facilities shown on the plans are from existing records with varying degrees of accuracy and are not guaranteed as shown. The Contractor shall verify in the field the locations of the facilities and shall exercise proper care in excavating and working in the area. Wherever connections of new utilities to existing utilities and utility crossings are shown, the Contractor shall expose the existing lines at the proposed connections and crossings to verify the depths prior to excavation for the new lines. The Contractor shall be responsible for any damages to HECO's facilities whether shown or not shown on the plans.
2. The Contractor shall comply with the State of Hawaii's occupational safety and health laws and regulations, including without limitation, those related to working on or near exposed or energized electrical lines and equipment.
3. The Contractor shall obtain an excavation permit from HECO's Technical Division (543-5654) located at 820 Ward Avenue, 4th floor, two weeks prior to starting construction. Please refer to our request number at that time.
4. Existing HECO overhead and underground lines are energized and will remain energized during construction unless prior special arrangements have been made with HECO. Only HECO personnel are to handle these energized lines and erect temporary guards to protect these lines from damage. The Contractor shall work cautiously at all times to avoid accidents and damage to existing HECO facilities, which can result in electrocution.
5. State law (OSHA 1910.269(k)(2b) requires that a worker and the longest object he or she may contact cannot come closer than a minimum radial clearance of 10 feet when working close to or under any overhead lines rated 50kv and below. For each additional 10kv above 50kv, an additional 4 inch shall be added to the 10-foot clearance requirement. The preceding information on line clearance requirements is provided as a convenience and it is the Contractor's responsibility to be informed of and comply with any revisions or amendments to the law. Should the Contractor anticipate that his work will result in the need to encroach within the minimum required clearance at any time, the Contractor shall notify HECO at least four (4) weeks prior to the planned encroachment so that, if feasible, the necessary protections (e.g. relocate, de-energize HECO lines) can be put in place. HECO may also be able to blanket its distribution (12kv and below) lines to provide a visual aid in preventing accidental contact. HECO's cost of safeguarding its lines or identifying its lines will be charged to the Contractor. Contact HECO's customer installations department at 543-7846 for assistance in identifying and safeguarding overhead power lines. Refer to section x of HECO's electric service installation manual for additional guidelines when working around HECO's facilities. A copy may be obtained from HECO's customer installations department.
6. A minimum clearance of 10 feet must be maintained when excavating around utility poles and/or their anchor system to prevent weakening or pole support failure. Should work require excavating within 10 feet of a pole and/or its anchor system, the Contractor shall protect, support, secure, and take all other precautions to prevent damage to or leaning of these poles. The Contractor is responsible for all associated costs to brace, repair, or straighten poles. All means of structural support for the pole proposed by the Contractor shall first be reviewed by HECO before implementation. For pole bracing instructions, the Contractor shall call the HECO construction and maintenance dept., customer & system superintendent at 543-4223 a minimum of two (2) weeks in advance.

HECO NOTES (Continued)

7. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of underground lines. HECO's existing electrical cables are energized and will remain energized during construction. Only HECO personnel are to break into existing HECO facilities, handle these cables, and erect temporary guards to protect these cables from damage. The cost of HECO's assistance in providing proper support and protection of its underground lines will be charged to the Contractor. Special precautions are required when excavating near HECO's 138kv underground lines (see HECO instructions to consultants/Contractors on "excavation near HECO's underground 138kv lines" for detailed requirements). For verification of underground lines, the Contractor shall call HECO's underground division at 543-7049 a minimum of 72 hours in advance. For assistance in providing proper support and protection of these lines, the Contractor shall call HECO's construction & maintenance dept., customer & system superintendent, at 543-4223, a minimum of two (2) weeks in advance.
8. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of HECO's underground fuel oil pipelines. Special precautions are required when excavating near HECO's underground fuel oil pipelines (see HECO instructions to consultants/Contractors on "excavation near HECO's underground fuel pipelines" for detailed requirements).
9. When trench excavation is adjacent to or beneath HECO's existing structures or facilities, the Contractor is responsible for:
- A. Sheeting and bracing the excavation and stabilizing the existing ground to render it safe and secure and to prevent possible slides, cave-ins, and settlements.
- B. Properly supporting existing structures or facilities with beams, struts, or under-pinnings to fully protect it from damage.
- C. Backfilling with proper backfill material including special thermal backfill where existing (refer to engineering department for thermal backfill specifications).
10. Any work required to relocate or modify HECO facilities shall be done by HECO, or by the Contractor under HECO's supervision. The Contractor shall be responsible for all coordination, and shall provide necessary support for HECO's work, which may include, but not be limited to, excavation and backfill permits and traffic control, barricading, and restoration of pavement, sidewalks and other facilities. All cost associated with any relocation or modification (either temporary or permanent) for the convenience of the Contractor to perform his work in a safe and expeditious manner in fulfilling his contract obligations shall be borne by the Contractor.
11. Any redesign or relocation of HECO's facilities not shown on the plans may be cause for lengthy delays. The Contractor acknowledges that HECO is not responsible for any delay or damage that may arise as a result of any conflicts discovered or identified with respect to the location or construction of HECO's electrical facilities in the field, regardless of whether the Contractor has met the requested minimum advance notices. In order to minimize any delay or impact arising from such conflicts, HECO should be notified immediately upon discovery or identification of such conflict.

HECO NOTES (Continued)

12. The Contractor shall be responsible for the protection of all HECO surface and subsurface utilities and shall be responsible for any damages to HECO's facilities as a result of his operations. The Contractor shall immediately report such damages to HECO's trouble dispatcher at 548-7961. Repair work shall be done by HECO or by the Contractor under HECO's supervision. Costs for damages to HECO's facilities shall be borne by the Contractor. In case of damage or suspected damage to HECO's fuel pipeline, the Contractor shall immediately notify HECO's Honolulu power plant shift supervisor at 533-2102 (a 24-hour number) so HECO personnel can secure the damaged section and report any oil spills to the proper authorities. All costs associated with the damage, repair, and oil spill cleanup shall be borne by the Contractor.
13. The Contractor may request HECO to provide an inspector to stand-by during construction near HECO's facilities. The cost of such inspection will be charged to the Contractor. The Contractor shall call the HECO construction and maintenance dept., customer & system superintendent at 543-4223 a minimum of 5 working days in advance to arrange for HECO stand-by personnel.

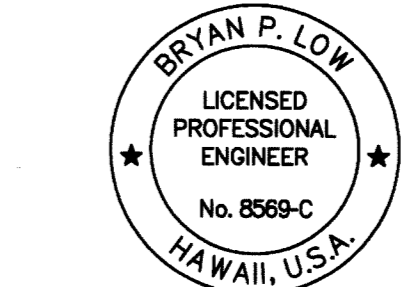
SEWER NOTES

1. All sewer construction shall be performed in accordance with the City's "Standard Specifications for Public Works Construction" dated September 1986, the Department of Public Works, "Standard Details for Public Works Construction" dated September 1984, current City practices and Revised Ordinances of Honolulu, 1990, as amended, and the Design Standards of the Department of Wastewater Management, Volume 1, July 1993.
2. The Contractor shall be responsible for maintaining continuous sewer service to all affected areas during construction.
3. The Contractor shall be responsible for any sewage spills caused during construction. The Contractor shall notify the State Department of Health and utilize appropriate sampling and analyzing procedures. The Contractor shall be responsible for all public notification and press releases.
4. The Contractor shall notify the Inspection Section, Wastewater Branch, DDC, at 527-5842 or 523-4345, to arrange for inspection services and submit four (4) sets of approved construction plans seven (7) days prior to commencement of work. The Contractor shall pay for all inspection costs.
5. The underground pipes, cables or ductlines known to exist by the Engineer from his research of records are indicated on the plans. The Contractor shall verify the location and depth of the facilities, including and affecting sewer lines, in the presence of the Wastewater Inspector and exercise proper care in excavating the area. The Contractor shall be responsible and shall pay for all damaged utilities.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	CMAQ-0300(111)	2008	4	203

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY - ENGR.	
No.	TRACED BY	
	DESIGNED BY - E.L.	
	CHECKED BY	

Plot Date: Jul 29 2008 Plot Time: 1:14 PM
File: S:\p\1007 Cable Layouts\TSM\draw\g02 g notes02.dwg



LICENSE EXPIRATION DATE 04/30/10

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

SHIMAZAKI, BUDO & YOSHIZAKI, INC.
1126 12TH Avenue
Honolulu, Hawaii 96816

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

General Notes

Traffic Signal Modernization
Various Locations - Oahu
Federal-Aid Project No. CMAQ-0300(111)

Date: July, 2008

WATER NOTES

1. Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, dated 2005, as amended, of the Hawaii Highways Division, Department of Transportation, and the City and County of Honolulu Board of Water Supply's "WATER SYSTEM STANDARDS", dated 2002, and all subsequent amendments and additions.
2. The existence and location of underground utilities and structures as shown on the plans are from the latest available data but is not guaranteed as to the accuracy of encountering of other obstacles during the course of the work. The Contractor shall be responsible and pay for all damages to existing utilities. The Contractor shall not assume that where no utilities are shown, that none exist.
3. The Contractor shall be responsible for the protection of all water lines during construction. The Contractor shall be especially careful when excavating behind water lines, tees, and bends wherever there is a possibility of water line movement due to the removal of the supporting earth beyond the existing reaction blocks. The Contractor shall take whatever measures necessary to protect the water lines, such as constructing special reaction blocks (with BWS approval) and/or modifying his construction method.
4. For ductlines crossing existing or new waterlines:
- a. At the electrical/signal ductline water crossings, adjust all electrical/signal ductline elevations to maintain 6" vertical clear separation from all water lines (12" clear for all electrical/signal ductline structures larger than 16") at no cost to the Board of Water Supply.
- b. Maintain 3'-0" minimum horizontal clear separation between water line systems and nearest electrical/signal ductlines paralleling the water system at no cost to the Board of Water Supply.
- c. Maintain 3'-0" minimum horizontal clear separation between street light/traffic signal, standards (including any modular units) and the nearest water system. Contractor shall field verify for any conflicts at each street light/traffic signal standard location. Where conflicts occur, the Contractor shall coordinate with the Engineer to revise the street light/traffic signal standard to provide the required clearances at no cost to the BWS.
5. The Contractor shall notify BWS Maintenance Unit-Engineering, Construction Section (527-5205 or 527-5206), one week prior to commencing work on the water system.
6. Prior to any excavating, the Contractor shall verify in the field the location of existing water mains and appurtenances.

TRAFFIC SIGNALS AND TECHNOLOGY DIVISION NOTES

1. The Contractor shall notify the Traffic Signals and Technology Division, Department of Transportation Services, three (3) working days prior to commencing work on the traffic signal system (Phone: 768-8388).
2. The Traffic Signal System shall be kept operational during construction. Any relocation required shall be approved by the Traffic Signals and Technology Division, Department of Transportation Services, and paid for by the Contractor.
3. The Contractor shall be responsible for any damages to the existing Traffic Signal Facilities, including but not limited to the Traffic Signal Fiber Optic Cable CCTV System, and Interconnect System. Any and all damages to these facilities shall be repaired by the Contractor at his cost in accordance with the requirements of the Traffic Signals and Technology Division.

USA SIGNAL CORPS (JOINT TRUNKING SYSTEM (JTS)) NOTE

1. Prior to any excavation, the cables shall be toned, surveyed, and physically marked. Should any damage occur to the Signal Corps (JTS Cable) notify the JTS Manager at 656-1765 or 656-6656.

OCEANIC TIME WARNER CABLE NOTE:

1. The location of CATV facilities shown on plans is from existing records with varying degrees of accuracy as to its actual fixed location. The Contractor shall use extreme caution when working in close proximity of CATV facilities.
2. Prior to excavation, the Contractor shall request Oceanic Cable Company to locate existing ductlines wherever required. For underground cable locating and marking, five working days advance notice is required. Three working days advance notice is required for any inspection by a designated representative.
3. The Contractor shall take necessary precaution not to damage any existing cables or ducts. Oceanic's inspector or designated representative is required to be at any job site whenever there will be any work involving existing cables, ducts, or a breakage into or entry into any structure that contain Oceanic's facilities. The Contractor shall call the Technical Operations Center at 625-8378 for any field assistance or verification of CATV facilities.
4. Temporary cable and duct supports shall be provided wherever necessary.
5. The Contractor shall notify the Oceanic Cable Company inspector 48 hours prior to the pouring of concrete or backfilling.
6. The Contractor shall obtain excavation permit clearance from Oceanic's engineering section, located at 200 Akamainui Street, Mililani tech park.
7. Any work required to relocate CATV facilities shall be done by Oceanic cable and the Contractor shall be responsible for all coordination requirements and associated costs.
8. Any damage to Oceanic's facilities shall be reported to OCI's Repair Dispatch Department at 625-8437.
9. Trenching to be by hand digging near and across existing utility lines.

GAS NOTES

1. The Gas Company gas pipelines in the project area are plastic coated and cathodically protected. The Contractor shall be extremely careful when working near these gas pipelines.
2. Written clearances must be obtained from the Gas Company at least five working days prior to starting excavation near these gas pipelines.
3. Since gas line locations on field maps are approximate, the Contractor, after obtaining written clearances, shall call One Call Concepts a minimum of five working days before starting excavation to arrange for field location of the existing gas pipelines. The telephone number is 1-866-423-7287.
4. The Contractor shall excavate and backfill around gas pipelines in the presence of a Gas Company representative. All backfill within six inches of any gas pipeline shall be select cushion material approved by the Gas Company.
5. For relocation of any gas pipeline, the Contractor shall notify the Gas Company five working days before starting work. The Contractor shall provide the necessary excavation and backfill, obtain traffic permits, and restore pavement, sidewalks and other facilities. Any relocation of gas facilities shall be done by the Gas Company and paid for by the Contractor.
6. The Contractor shall notify the Gas Company immediately after any damage has been caused to existing gas pipelines, coatings, or its cathodic protection devices. Repair work on such damage shall be done by the Gas Company and paid for by the Contractor.
7. Minimum vertical and horizontal clearance between the gas pipelines and other pipelines, conduits, ductlines, or other facilities shall be 12 inches (24 inches for 16-inch transmission lines). Adequate support and protection for gas pipelines exposed in the trench shall be provided by the Contractor and approved by the Gas Company.
8. The Contractor shall work in an expeditious manner in order to keep the uncovered gas pipelines exposed for a short period of time as possible.

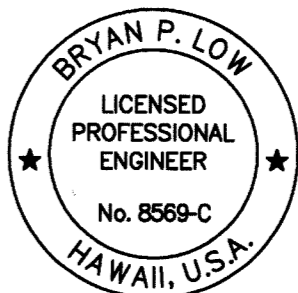
GAS NOTES (Continued)

9. The Contractor shall have the sole responsibility to perform field verification, including hand digging methods.
10. The Contractor shall notify the Gas Company, Distribution Department at 594-5556, 24 hours prior to excavating and backfilling any pipeline.
- HAWAIIAN TELCOM NOTE:
1. The location of Hawaiian Telcom existing facilities are approximate only. The Contractor shall exercise extreme caution and shall maintain proper clearances whenever construction crosses or is in close proximity to Hawaiian Telcom facilities. The Contractor shall verify their locations and shall be liable for any damages to Hawaiian Telcom facilities. Any damages shall be reported immediately to Hawaiian Telcom repair section at #611 (24 hours) or to the excavation permit section at #840-1444 (normal work day hours, Monday thru Friday, except holidays). As a result of his operations, adjustments to the new ductline alignment, if required, shall be made to provide the required clearances.
2. Prior to the excavation of the ductline, the Contractor shall request the Hawaiian Telcom to locate existing ductline wherever required. For underground cable locating and marking, five working days advance notice is required. Three working days advance notice is required for any inspection by a designated representative.
3. The Contractor shall obtain an excavation permit and toning request from Hawaiian Telcom excavation permit section located at 3239 Ualena Street, 3rd floor, two weeks prior to the start of construction. Hours of business are 7:00 A.M. To 10:45 A.M. And 11:30 A.M. To 2:45 P.M., Monday thru Friday, except holidays.
4. The Contractor shall take necessary precaution not to damage any existing cables or conduits. Any work involving Hawaiian Telcom cables or conduits shall be done in the presence of a Hawaiian Telcom inspector or designated representative.
5. The Contractor shall take necessary precaution not to damage existing cables or ducts. A Hawaiian Telcom or designated representative is required to be at any job site whenever there will be a breakage into or entry into any structure that contain Hawaiian Telcom facilities. Temporary cable and duct supports shall be provided whenever necessary.
6. When excavation is adjacent to or beneath Hawaiian Telcom existing structures or facilities, the Contractor shall:
7. Sheet and/or brace the excavation to prevent slides, cave-ins, or settlements to ensure no movement to Hawaiian Telcom structure or facilities.
8. Protect existing structures and/or facilities with beams, struts, or underpinning while excavating beneath them to ensure no movement to Hawaiian Telcom structure or facilities.
9. The Contractor shall notify Hawaiian Telcom inspector or designated representative a minimum of 72 hours prior to excavation, bracing, or backfilling of Hawaiian Telcom structures or facilities.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	CMAQ-0300(111)	2008	5	203

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	ENGR
	DESIGNED BY	J.E.L.
	CHECKED BY	
NOTE BOOK		
No.		

Plot Date: July 29, 2008 Plot Time: 11:16 am
File: S:\08\107\0808\08080808.dwg g:\notes\08080808.dwg



LICENSE EXPIRATION DATE 04/30/10
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Bryan P. Low
SHIMBURIKI, ENDO & YOSHIKAWA, INC.
1126 12TH Avenue
Honolulu, Hawaii 96816

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

General Notes

Traffic Signal Modernization
Various Locations - Oahu
Federal-Aid Project No. CMAQ-0300(111)

Date: July, 2008

SHEET No. 3 OF 3 SHEETS