

GENERAL NOTES

15. *Contractor shall provide for access to and from all existing side streets at all times.*
16. *Contractor shall obtain a construction permit from the State's Highway District Engineer at 727 Kakoi Street, Honolulu, phone no. 831-6712, prior to commencement of work within State right-of-way.*
17. *The Contractor shall provide, install and maintain all necessary signs, lights, flares, 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 "Administrative Rules of Hawaii governing the use of traffic control devices at work sites on or adjacent to public streets and highways" adopted by the director of transportation, and the current U.S. Federal Highway Administration "Manual On Uniform Traffic Control Devices for Streets and Highways, 2003 Edition, Part 6 Temporary Traffic Control". If lane closures are required during construction, a traffic control plan shall be incorporated into the construction plans and must be approved by the division prior to the issuance of the permit.*
18. *Approval of State permit construction plans shall be valid for a period of one year thereof from the date of notification of approval to the applicant. In the event construction does not commence within this one-year period, the applicant will be required to submit his construction plans for division's review and approval.*
19. *The Contractor shall notify the Highway Lighting and Traffic Signal Supervisor, Department of Transportation (State) three (3) working days prior to commencing work in this area. See phone number under note No. 16.*
20. *Contractor shall inform the State Permit Office at least 2 days prior to closing any lanes. See phone numbers under note No. 16.*
21. *Minimum vertical and horizontal clearance between existing drainage facilities and other utilities shall be one foot and two feet, respectively.*

WATER POLLUTION AND EROSION CONTROL NOTES

- A. **GENERAL:**
1. See Section 209 - Temporary Water Pollution and Erosion Control. Section 209 describes but is not limited to: submittal requirements; scheduling of a water pollution and erosion control conference with the Engineer; construction requirements; method of measurement; and basis of payment.
 2. Effective October 1, 2008, follow the guidelines in the "Construction Best Management Practices Field Manual", dated January 2008 in developing, installing and maintaining the Best Management Practices (BMP) for the project.
 3. Follow the guidelines in the Honolulu's City & County "Rules Relating to Soil Erosion Standards and Guidelines" along with applicable Soil Erosion Guidelines for projects on Maui, Molokai, Kauai, and Hawaii.
 4. The Engineer may assess liquidated damages of up to \$27,500 for non-compliance of each BMP requirement and each requirement stated in Section 209, for every day of non-compliance. There is no maximum limit on the amount assessed per day.

5. The Engineer will deduct the cost from the progress payment for all citations received by the Department for non-compliance, or the Contractor shall reimburse the State for the full amount of the outstanding cost incurred by the State.
 6. For projects that require an NPDES Permit from the Department of Health, install a rain gage prior to any field work including the installation of any site-specific best management practices. The rain gage shall have a tolerance of at least 0.05 inches of rainfall, and have an opening of at least one-inch in diameter. Install the rain gage on the project site in an area that will not deter rainfall from entering the gage opening. The rain gage installation shall be stable and plumbed. Do not begin field work until the rain gage is installed and site-specific best management practices are in-place.
- B. WASTE DISPOSAL:
1. Waste Materials
Collect and store all waste materials in a securely lidded metal dumpster. The dumpster shall meet all local and State solid waste management regulations. Deposit all trash and construction debris from the site in the dumpster. Empty the dumpster a minimum of twice per week or as often as is deemed necessary. Do not bury construction waste material onsite. The Contractor's supervisory personnel shall be instructed regarding the correct procedure for waste disposal. Post notices stating these practices in the office trailer and the Contractor shall be responsible for seeing that these procedures are followed.
 2. Hazardous Waste
Dispose all hazardous waste materials in the manner specified by local or State regulations and by the manufacturer. The Contractor's site personnel shall be instructed in these practices and shall be responsible for seeing that these practices are followed.
 3. Sanitary Waste
Collect all sanitary waste from the portable units a minimum of once per week, or as required.

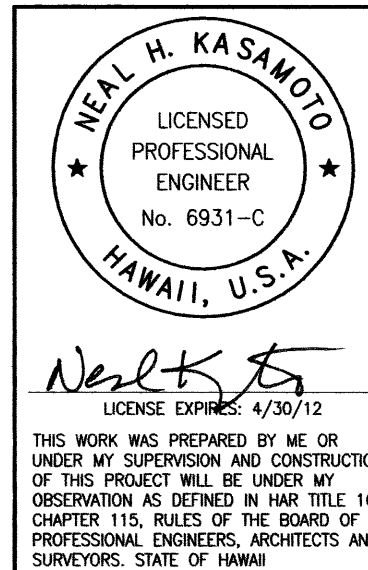
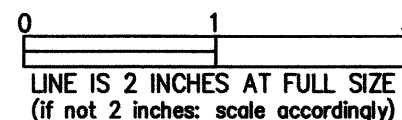
ABBREVIATIONS

ABUT	Abutment
Ø	Approximate
≠	And
@	At
AC	Asphalt Concrete
BL	Baseline
CATV	Cable Television
CB	Catch Basin
CCTV	Closed Circuit Television
CL	Centerline
CLR.	Clear
CONC	Concrete
CONT	Continuation or Continuous
DET.	Detail
D.I.	Drain Inlet
D/L	Drain Line

DMS	Dynamic Message Sign
DMH	Drain Manhole
DWY. OR D/W	Driveway
EA	Each
EHH	Electric Handhole
ELEC.	Electric
ELEV. OR EL	Elevation
EXIST.	Existing
EP	Edge of Pavement
ETW	Edge Travel Way
FH	Fire Hydrant
FT	Feet
GA	Guy Anchor
GFE	Government Furnished Equipment
GV	Gate Valve
HELCO	Hawaiian Electric Light CO.
HECO	Hawaiian Electric CO.
HT/HTCO	Hawaiian Telcom
IRR	Irrigation
LAT	Lateral
LP	Light Pole
MH	Manhole
MON	Monument
MIN	Minimum
NIC	Not In Contract
PAV'T	Pavement
PL	Place
R	Property Line
PP	Power Pole
RD.	Road
ROW	Right-Of-Way
SDMH	Storm Drain Manhole
SHT.	Sheet
ST.	Street
STA.	Station
STD	Standard
S/W	Sidewalk
TBOX	Telephone Box
TCP	Traffic Control Plan
TMH	Telephone Manhole
TRANS	Transfomer
TYP.	Typical
UP	Utility Pole
WM	Water Meter
WV	Water Valve

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
	DRAWN BY _____
NOTEBOOK	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
	CHECKED BY _____
No. _____	

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**Construction Notes
And Abbreviations**

Freeway Management System, Phase 1C,
Part 1B: Installation of CCTV and
Communication Infrastructure
Federal Aid Project No. 1M-0300(127)

Scale: NTS Date: 8/18/11