

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7107A-02-97	1998	2	102

H-01	●	Type A, B, C and D Catch Basin	07/01/86
H-02	●	Type A1, B1, C1 and D1 Catch Basin	07/01/86
H-03		Type A2, B2, C2 and D2 Catch Basin	07/01/86
H-04	●	Typical Reinforcing Details for Catch Basins	07/01/86
H-05	●	Type A, B and C Storm Drain Manhole	07/01/86
H-06		Type D and E Storm Drain Manhole	07/01/86
H-07		Type F Storm Drain Manhole	07/01/86
H-08	●	Catch Basin and Manhole Casting	07/01/86
H-09	●	Type A-9 and A-9P Frames and Grates	07/01/86
H-10		Type A-9B Frames and Grates	07/01/86
H-11		Type 61614 and 61214 Grated Drop Inlet	07/01/86
H-12		Type 61616 Grated Drop Inlet	07/01/86
H-13		61214, 61614 & 61616 Steel Frames and Grates	07/01/86
H-14		61214B Steel Frame and Grates	07/01/86
H-15		61614B Steel Frame and Grates	07/01/86
H-16		Concrete and Cement Rubble Masonry Structures	r10/16/90
H-17		Inlet Structures	r10/16/90
H-18		Flared End Section for Culverts	07/01/86
H-19		Outlet Structures	r02/15/91
H-20		Concrete Spillway Inlet	07/01/86
H-21		18" Slotted C.M.P. Drain	07/01/86
H-22	●	C.M.P. Coupling Details Standard Joint	r10/16/90
H-23	●	Hat Shaped Coupling Band	r10/16/90

STANDARD PLAN NO.	TITLE	DATE
TE-45	Reserved	07/01/86
TE-46	Reserved	07/01/86
TE-47	Reserved	07/01/86
TE-48	Reserved	07/01/86
TE-49	Reserved	07/01/86
TE-50 ●	Metal Guardrail	r03/06/87
TE-51 ●	Metal Guardrail	r09/01/87
TE-52	Metal Guardrail with Rubrail	r11/03/89
TE-53	Metal Guardrail with Rubrail at Obstruction	r09/01/87
TE-54	Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation)	r11/03/89
TE-55	Metal Guardrail Connection to Concrete Barrier	r11/03/89
TE-56	Concrete Barrier Transition	07/01/86
TE-57	Guardrail Type 3, Thrie Beam	r11/03/89
TE-57A ●	Guardrail Type 3, Modified Thrie Beam	11/03/89
TE-58	Approach End Flare, One & Two Way Roadway	07/01/86
TE-59	Trailing End Flare, One & Two Way Roadway	r11/03/89
TE-60	Anchor Block Details	07/01/86
TE-61	Breakaway Cable Terminal (BCT)	r11/03/89
TE-62	Breakaway Cable Terminal (BCT)	r09/01/87
TE-63	Guardrail Type 4 (Rigid Barrier)	r09/01/87
TE-64	Portable Concrete Barrier	r11/03/89
TE-65	Guardrail Type 4, Miscellaneous	r09/01/87
TE-66 ●	Barricades	07/01/86
TE-67 ●	Delineation & Pavement Markings at Bridges	07/01/86
TE-68	Wheelchair Ramps	r07/18/94
TE-69	Wheelchair Ramps	r07/18/94

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

FARRINGTON HIGHWAY SIDEWALKS
Leolee Street to Awanui Street and
Leoku Street to Paiwa Street
Project No. 7101A-02-97

Date: May 1998

SHEET No. 1 OF 1 SHEETS

DATE	REVISION	SHEET No. / OF / SHEETS		
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ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY <i>G.A. MH</i>	<i>5-6-98</i>
NOTE BOOK	TRACED BY _____	•
	DESIGNED BY <i>M.O.</i>	•
	QUANTITIES BY _____	•
	CHECKED BY _____	•
	N _o <i>d</i> ₁ <i>a</i> ₂ <i>r</i> ₃ <i>d</i> ₄ <i>s</i> ₅ <i>p</i> ₆ <i>s</i> ₇	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-02-97	1998	3	102

GENERAL NOTES

1.

The scope of work for this project consists of roadway widening; constructing reinforced concrete sidewalks, bus pad, curb and/or gutter; installing drainage facilities, street lighting, metal railings, fence, signs, pavement markings, curb ramps and pedestrian crossings; reconstructing traffic islands; relocating utilities; removing and installing guardrails.
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 tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans, in areas where work, such as the placement of sign posts, traffic signal conduits, etc., may affect these properties. Toning shall be considered incidental to the various contract items and will not be paid for separately. 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, the Oahu Transit Services, Lowell Tom (848-4578) or Ed Sniffen (848-4571), two (2) weeks prior to construction, informing them of location, scope of work, and closure of Farrington Highway and/or traffic lanes and dates of closure.
7.

The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
8.

The Contractor shall obtain a Community Noise permit from the State Department of Health, Noise and Radiation Branch, 591 Ala Moana Blvd., Room 136, Honolulu, HI 96813-2498; Telephone No. 586-4700. This shall be considered incidental to the various contract items.
9.

Smooth connections shall be constructed to existing sidewalks.
10.

Smooth riding connections shall be constructed at all limits of project, including the beginning and end of project, connecting approaches & side streets as shown on the plans and/or as directed by the Engineer.
11.

Dressing of sidewalk shall consist of clearing, grubbing, grading, reshaping and compacting with suitable material the area adjacent to the improvement as shown on the plans and/or as directed by the Engineer. If existing ground is asphalt or concrete surface, dress sidewalk with A.C. Pavement Mix No. IV. This work shall be considered incidental to the various contract items.

12.

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.
13.

The Contractor shall provide for access to and from all driveways, sidewalks and existing side streets at all times. This work shall be considered incidental to various contract items.
14.

All saw cutting work shall be considered incidental to Roadway Excavation.
15.

The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to the various contract items and will not be paid for separately.
16.

Exact locations of fence posts shall be determined in the field by the Engineer.
17.

Prior to the placement of new aggregate subbase course, the existing subbase shall be compacted to a relative compaction greater than or equal to 95%.
18.

The top of the Plant Mix Glassphalt Concrete Base Course prior to placement of the new A.C. Pavement, Mix No. IV shall comply with the ten foot straight edge requirement. The variation of the surface from a straight edge with two contacts with the surface, shall not exceed 3/16".
19.

The contractor shall exercise all appropriate safety precautions when performing work for the drainage system at Baseline Station 66+58± and 92+22± in the vicinity of the abandoned 8" Navy gasoline line. The Contractor shall assume that the line contains leaded aviation gasoline. The Contractor shall perform work on or around the abandoned pipeline only under the guidance of an NFPA Certified Gas-Free Engineer or Marine Chemist. The employment of the Gas-Free Engineer or Marine Chemist shall be considered incidental to the various contract items.
20.

Contractor shall provide temporary access to the exsiting stairway and handicap ramp by paving with A.C. Pavement Mix No. IV. Handicap ramp pavement shall be sloped to drain towards the roadway at 12:1 or flatter. At grassed section, dress sidewalk per General Note No. 11. This work shall be incidental to the various contract items.
21.

The Contractor shall provide a 12:1 transition to meet the existing ground at the beginning and end of sidewalk. All transition work shall be done within the existing State Right-of-Way and shall be paid for under concrete sidewalk.
22.

The Contractor shall coordinate the sidewalk work between Baseline Station 83+38± to Station 84+93±, Right with the proposed bus shelter by the City and County of Honolulu. The contact person for the Department of Transportation Services, Public Transit Division, is Ms. Renee Yamasaki at Phone No. 527-6014.

LEGEND

- Existing Electrical Line

Existing Power Pole

Existing Electric Manhole

Existing Electric Pullbox

Adjusted Electric Pullbox

Existing Electric Hand Hole

Adjusted Electric Hand Hole

Existing Telephone Line

Existing Telephone Pole

Existing Telephone Manhole

Adjusted Tele. MH Frame/Cover

Existing Telephone Handhole

Existing Telephone Pullbox

Adjusted Telephone Pullbox

Existing Hawaiian Telephone Co. Transpac Land Cable

Existing AT&T Line

Existing AT&T Manhole

Adjusted AT&T MH Frame/Cover

Existing Telephone and Cable TV Line

Existing 8" Water Line

Existing 12" Water Line

Existing Water Manhole

Adjusted Water MH Frame/Cover

Existing Water Valve Box

Adjusted Water Valve Box

Existing 8" Gas Line

Existing Gas Valve Box

Existing Navy Aviation Gas Line

Existing Monument
- Existing Drain Line

Existing Underdrain Line

Existing Storm Drain Manhole

Adjusted Storm Drain MH Frame/Cover

Existing Drop Intake

Existing Catch Basin

Adjusted/Reconstructed Catch Basin

Existing Traffic Signal Line

Existing Traffic Signal Pole

Relocated Traffic Signal Pole

Existing Traffic Signal Pullbox

Adjusted Traffic Signal Pullbox

Adjusted Traffic Signal Cabinet

Existing Loop Detectors

Existing Traffic Sign

Relocated Traffic Sign

Existing Highway Lighting Standard

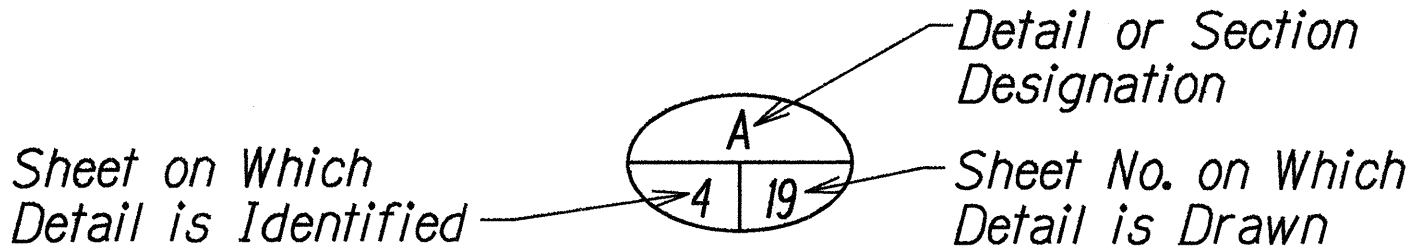
Relocated Highway Lighting Standard

Existing Highway Lighting Standard Pullbox

Adjusted Highway Lighting Standard Pullbox

Existing Fire Hydrant

SYMBOL



7/30/98	Added General Note Nos. 21 and 22 per Addendum No. 1.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

FARRINGTON HIGHWAY SIDEWALKS
Leole Street to Awanui Street and
Leoku Street to Paiwa Street
Project No. 7101A-02-97

Date: May 1998

SHEET No. 1 OF 1 SHEETS