

STANDARD PLANS SUMMARY

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|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | STP-093-1(18) | 2003 | 2 | 98 |

| STANDARD PLAN NO. | TITLE | DATE |
|----------------------|--|-----------|
| B-01 ● | Notes and Miscellaneous Details | 07/01/86 |
| B-02 | | |
| B-03 | Typical Structure Excavation and Backfill Pay Limits | 07/01/86 |
| B-04 | | |
| B-05 | | |
| B-06 | Concrete Box Girder | 07/01/86 |
| B-07 | Concrete Box Girder | 07/01/86 |
| B-08 | Concrete Box Girder | 07/01/86 |
| B-09 | | |
| B-10 | | |
| B-11 | | |
| B-12 | Prestressed Concrete Piles | r07/16/90 |
| B-13 | Prestressed Concrete Piles | r07/16/90 |
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| D-01 | Chain Link Fence With Toprail | r03/06/87 |
| D-02 | Chain Link Fence Without Toprail | r07/26/90 |
| D-03 | Wire Fence With Metal Posts | 07/01/86 |
| D-04 ● | Typical Details of Curbs and/or Gutters | 07/01/86 |
| D-05 | Typical Details of Reinforced Concrete Drop Driveway | 07/01/86 |
| D-06 ● | Centerline and Reference Survey Monument | 07/01/86 |
| D-07 | Street Survey Monument | 07/01/86 |
| D-08 | Landscaping Shrub and Tree Planting | 07/01/86 |
| D-09 | Field Office | 07/01/86 |
| D-10 | Field Office | 07/01/86 |
| D-11 | Project Site Laboratory | 07/01/86 |
| D-12 | Project Site Laboratory | 07/01/86 |
| D-13 ● | Field Office & Project Site Laboratory | 07/01/86 |
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| 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 |
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| STANDARD PLAN NO. | TITLE | DATE |
|----------------------|--|-----------|
| TE-01 ● | Miscellaneous Sign Details | 07/01/86 |
| TE-02 ● | Galvanized Flanged Channel Sign Post Mounting | 07/01/86 |
| TE-03 ● | Galvanized Square Tube Sign Post Mounting | 07/01/86 |
| TE-04 ● | Regulatory Signs | r09/01/87 |
| TE-05 ● | Warning Signs | 07/01/86 |
| TE-06 ● | Miscellaneous Signs | r11/03/89 |
| TE-07 | Reserved | 07/01/86 |
| TE-08 ● | Construction Signs | r09/01/87 |
| TE-09 | Miscellaneous Intersection Signs | r03/06/87 |
| TE-10 | Reserved | 07/01/86 |
| TE-11 ● | Bike Route Sign and Supplementary Plates | 07/01/86 |
| TE-12 | State Route Marker and Auxiliary Markers | 07/01/86 |
| TE-13 | Interstate Route Marker | 07/01/86 |
| TE-14 | State Route Marker and Border Detail for Guide Signs | 07/01/86 |
| TE-15 | Route Marker Assemblies | 07/01/86 |
| TE-16 ● | Miscellaneous Reflector Markers | 07/01/86 |
| TE-17 ● | Type II Object Markers | 07/01/86 |
| TE-18 | Mileposts | 07/01/86 |
| TE-19 | Reserved | 07/01/86 |
| TE-20 | Overhead Sign Supports | 07/01/86 |
| TE-21 | Overhead Sign Support, Box Truss Type, Aluminum | 07/01/86 |
| TE-22 | Foundation Details and Schedules | 07/01/86 |
| TE-23 | Supports for Ground Mounted Guide Sign | r11/03/89 |
| TE-24 | Breakaway Sign Supports for Ground Mounted Guide Signs | 07/01/86 |
| TE-25 | Laminated Aluminum Sign Panels (Overhead) | 07/01/86 |
| TE-26 | Laminated Aluminum Sign Panels (Ground Mounted) | 07/01/86 |
| TE-27 | Solid Aluminum Extruded Sign Panel and Accessory Details | 07/01/86 |
| TE-28 | Guide Signs Luminaire Mountings | 07/01/86 |
| TE-29 | Reserved | 07/01/86 |
| TE-30 ● | Raised Pavement Markers and Striping | r05/09/90 |
| TE-31 ● | Miscellaneous Pavement Markings | r05/09/90 |
| TE-32 ● | Miscellaneous Pavement Markings | r05/09/90 |
| TE-33 ● | Miscellaneous Pavement Markings | r11/03/89 |
| TE-34 | Reserved | 07/01/86 |
| TE-35 ● | Pavement Alphabets, Numbers & Symbols | 07/01/86 |
| TE-36 ● | Pavement Alphabets, Numbers & Symbols | 07/01/86 |
| TE-37 | Reserved | 07/01/86 |
| TE-38 ● | Traffic Signal System, Miscellaneous Details | r11/03/89 |
| TE-39 ● | Traffic Signal System, Miscellaneous Details | 07/01/86 |
| TE-40 | Loop Detectors | r11/03/89 |
| TE-41 | Pullboxes | 07/01/86 |
| TE-42 | Type III Traffic Signal Standard | 07/01/86 |
| TE-43 | Concrete Pullbox (2' x 3') | 07/01/86 |
| TE-44 | Reserved | 07/01/86 |

| 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 | r10/16/00 |
| TE-69 | Wheelchair Ramps | r02/05/02 |
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NOTE:
Standard Plans applicable to this project
are indicated by a "●" next to the
Standard Plan No. (Example: D-07 ●)

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| DESIGNED BY | DATE |
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02/05/02 Revised Standard Plan T-69
10/16/00 Revised Standard Plan T-68
02/15/91 Revised Standard Plan H-19
10/16/90 Revised Standard Plans H-16,H-17,
H-22 & H-23.
07/26/90 Revised Standard Plan D-02.
07/16/90 Revised Standard Plans B-12, B-13.
05/09/90 Revised Standard Plans TE-30,TE-31,
& TE-32.
11/03/89 Revised Standard Plans TE-06,TE-23,
TE-30, TE-31, TE-32, TE-33, TE-38,
TE-40, TE-52, TE-54, TE-55, TE-57,
TE-59, TE-61, TE-64, TE-68 & TE-69.
09/01/87 Added TE-57A to Standard Plans
Revised Standard Plans TE-04,TE-06,
TE-08, TE-32, TE-51, TE-53, TE-54,
TE-55, TE-57, TE-59, TE-62, TE-63,
TE-65 & TE-69.
03/06/87 Revised Standard Plans D-01, TE-09,
TE-40, TE-50, TE-51, TE-57, TE-59,
TE-61, TE-63 & TE-64.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

FARRINGTON HIGHWAY SAFETY IMPROVEMENTS
NANAKULI TO MAKAHA
F.A.I. Proj. No. STP-093-1(18)

Scale: None Date: 04/23/03

SHEET No. 2 OF 98 SHEETS