STANDARD PLANS SUMMARY

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|------------------------|-------|------------|----------------|--------------|-----------------|
| HAWAII | HAW. | 37C-01-07M | 2007 | 2 | 10 |

| STAND PLAN | 1 | T 1 1 1 E | 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 |
| 111/11/11/11/11/11/11/11/11/11/11/11/11 | | | |

| 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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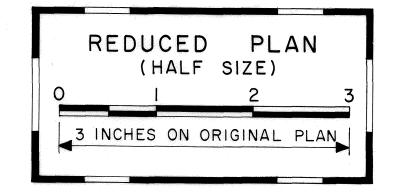
07/01/86

Type A, B, C and D Catch Basin

| 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 |
| | | |
| | | |

| TANDARD LAN NO. | TITLE | DATE |
|--------------------|--|----------|
| TE-01 · | Miscellaneous Sign Details | 07/01/8 |
| TE-02 · | Galvanized Flanged Channel Sign Post Mounting | 07/01/8 |
| TE-03 · | Galvanized Square Tube Sign Post Mounting | 07/01/8 |
| TE-04 · | Regulatory Signs | r09/01/8 |
| TE-05 | Warning Signs | 07/01/8 |
| TE-06 · | Miscellaneous Signs | r11/03/8 |
| TE-07 · | Reserved | 07/01/8 |
| TE-08 ● | Construction Signs | r09/01/8 |
| TE-09 · | Miscellaneous Intersection Signs | r03/06/8 |
| TE-10 · | Reserved | 07/01/8 |
| TE-11 · | Bike Route Sign and Supplementary Plates | 07/01/8 |
| TE-12 · | State Route Marker and Auxiliary Markers | 07/01/8 |
| TE-13 · | Interstate Route Marker | 07/01/8 |
| TE-14 · | State Route Marker and Border Detail for Guide Signs | 07/01/8 |
| TE-15 · | Route Marker Assemblies | 07/01/8 |
| TE-16 · | Miscellaneous Reflector Markers | 07/01/8 |
| TE-17 · | Type II Object Markers | 07/01/8 |
| TE-18 | Mileposts | 07/01/8 |
| ΓE-19 · | Reserved | 07/01/8 |
| ΓΕ−20 · | Overhead Sign Supports | 07/01/8 |
| ΓΕ−21 · | Overhead Sign Support, Box Truss Type, Aluminum | 07/01/8 |
| TE-22 · | Foundation Details and Schedules | 07/01/8 |
| ΓΕ−23 · | Supports for Ground Mounted Guide Sign | r11/03/8 |
| TE-24 | Breakaway Sign Supports for Ground Mounted Guide Signs | 07/01/8 |
| TE-25 · | Laminated Aluminum Sign Panels (Overhead) | 07/01/8 |
| TE-26 | Laminated Aluminum Sign Panels (Ground Mounted) | 07/01/8 |
| TE-27 | Solid Aluminum Extruded Sign Panel and Accessory Details | 07/01/8 |
| TE-28 | Guide Signs Luminaire Mountings | 07/01/8 |
| TE-29 · | Reserved | 07/01/8 |
| TE-30 · | Raised Pavement Markers and Striping | r05/09/9 |
| TE-31 · | Miscellaneous Pavement Markings | r05/09/9 |
| TE-32 · | Miscellaneous Pavement Markings | r05/09/9 |
| TE-33 · | Miscellaneous Pavement Markings | r11/03/8 |
| TE-34 · | Reserved | 07/01/8 |
| TE-35 · | Pavement Alphabets, Numbers & Symbols | 07/01/8 |
| TE-36 · | Pavement Alphabets, Numbers & Symbols | 07/01/8 |
| TE-37 · | Reserved | 07/01/8 |
| TE-38 · | Traffic Signal System, Miscellaneous Details | r11/03/8 |
| TE-39 · | Traffic Signal System, Miscellaneous Details | 07/01/8 |
| TE-40 · | Loop Detectors | r11/03/8 |
| TE-41 · | Pullboxes | 07/01/8 |
| TE-42 | Type III Traffic Signal Standard | 07/01/8 |
| TE-43 | Concrete Pullbox (2' x 3') | 07/01/8 |
| TE-44 | Reserved | 07/01/8 |

| 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 |
| | | |



NOTE:

STANDARD PLANS APPLICABLE TO THIS PROJECT ARE INDICATED BY A " ● " NEXT TO THE STANDARD PLAN NO. (FOR EXAMPLE: D-O7 ●)

07/18/94 | REVISED TE-68 & TE-69 02/15/91 REVISED H-19 10/16/90 | REVISED H-16,H-17, H-22 & H-23 07/26/90 REVISED D-02 07/16/90 | REVISED B-12,B-13 05/09/90 | REVISED TE-30, TE-31 & TE-32 11/03/89 | REVISED 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, ADDED TE-57A 09/01/87 | REVISED 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 D-01, TE-09, TE-40, TE-50, TE-51, TE-57, TE-59, TE-61, TE-63 & TE-64 DATE REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION STANDARD PLANS SUMMARY HALEAKALA HIGHWAY PAVEMENT

PREVENTIVE MAINTENANCE Vicinity of Pukalani Junction to Five Trees M.P. 5.70 to M.P. 7.76 Project No. 37C-01-07M

> Date: May, 2007 SHEETS

SHEET No. 1 OF 1