

STANDARD PLANS SUMMARY

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 72C-02-87M | 1987        | 2         | 4            |

| 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                           | 07/01/86 |
| B-13              | Prestressed Concrete Piles                           | 07/01/86 |
|                   |                                                      |          |
|                   |                                                      |          |

|      |                                                      |          |
|------|------------------------------------------------------|----------|
|      |                                                      |          |
| D-01 | Chain Link Fence With Toprail                        | 07/01/86 |
| D-02 | Chain Link Fence Without Toprail                     | 07/01/86 |
| 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 |
|      |                                                      |          |

|      |                                               |          |
|------|-----------------------------------------------|----------|
| 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 | 07/01/86 |
| H-17 | Inlet Structures                              | 07/01/86 |
| H-18 | Flared End Section for Culverts               | 07/01/86 |
| H-19 | Outlet Structures                             | 07/01/86 |
| 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      | 07/01/86 |
| H-23 | Hat Shaped Coupling Band                      | 07/01/86 |
|      |                                               |          |

| 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                                         | 07/01/86 |
| TE-05             | Warning Signs                                            | 07/01/86 |
| TE-06             | Miscellaneous Signs                                      | 07/01/86 |
| TE-07             | Reserved                                                 | 07/01/86 |
| TE-08 ●           | Construction Signs                                       | 07/01/86 |
| TE-09             | Miscellaneous Intersection Signs                         | 07/01/86 |
| 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             | Destination & Ground Mounted Expressway Signs            | 07/01/86 |
| 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                     | 07/01/86 |
| TE-31             | Miscellaneous Pavement Markings                          | 07/01/86 |
| TE-32             | Miscellaneous Pavement Markings                          | 07/01/86 |
| TE-33 ●           | Miscellaneous Pavement Markings                          | 07/01/86 |
| 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             | 07/01/86 |
| TE-39             | Traffic Signal System, Miscellaneous Details             | 07/01/86 |
| TE-40 ●           | Loop Detectors                                           | 07/01/86 |
| 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                                                         | 07/01/86 |
| TE-51             | Metal Guardrail                                                         | 07/01/86 |
| TE-52             | Metal Guardrail with Rubrail                                            | 07/01/86 |
| TE-53             | Metal Guardrail with Rubrail at Obstruction                             | 07/01/86 |
| TE-54             | Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation) | 07/01/86 |
| TE-55             | Metal Guardrail Connection to Concrete Barrier                          | 07/01/86 |
| TE-56             | Concrete Barrier Transition                                             | 07/01/86 |
| TE-57             | Guardrail Type 3, Thrie Beam                                            | 07/01/86 |
| TE-58             | Approach End Flare, One & Two Way Roadway                               | 07/01/86 |
| TE-59             | Trailing End Flare, One & Two Way Roadway                               | 07/01/86 |
| TE-60             | Anchor Block Details                                                    | 07/01/86 |
| TE-61             | Breakaway Cable Terminal (BCT)                                          | 07/01/86 |
| TE-62             | Breakaway Cable Terminal (BCT)                                          | 07/01/86 |
| TE-63             | Guardrail Type 4 (Rigid Barrier)                                        | 07/01/86 |
| TE-64             | Portable Concrete Guardrail                                             | 07/01/86 |
| TE-65             | Reserved                                                                | 07/01/86 |
| TE-66 ●           | Barricades                                                              | 07/01/86 |
| TE-67             | Delineation & Pavement Markings at Bridges                              | 07/01/86 |
| TE-68             | Wheelchair Ramps                                                        | 07/01/86 |
| TE-69             | Wheelchair Ramps                                                        | 07/01/86 |
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NOTE:  
STANDARD PLANS APPLICABLE TO THIS PROJECT ARE INDICATED BY A "●" NEXT TO THE STANDARD PLAN NO. (D-07●)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

STANDARD PLANS SUMMARY

KALANIANA'OLE HIGHWAY  
TRAFFIC SIGNALS FOR SCHOOL CROSSING  
VICINITY OF PAIKO DRIVE  
PROJ. No. 72C-02-87M  
DATE: Dec., 1986

SURVEY PLOTTED BY \_\_\_\_\_ DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_

TRACED BY \_\_\_\_\_

NOTE BOOK \_\_\_\_\_

QUANTITIES BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

No. \_\_\_\_\_