

SURVEY PLOTTED BY

DATE

ORIGINAL PLAN

DESIGNED BY

NOTED BY

QUANTITIES BY

CHECKED BY

No.

| TRAFFIC SIGN SUMMARY |                         |                                          |                    |          |                         |          |
|----------------------|-------------------------|------------------------------------------|--------------------|----------|-------------------------|----------|
| SIGN NO.             | MESSAGE                 | LOCATION                                 | QUANTITY           |          |                         |          |
|                      |                         |                                          | 10 SQ. FT. OR LESS |          | GREATER THAN 10 SQ. FT. |          |
|                      |                         |                                          | W/POST             | W/O POST | W/POST                  | W/O POST |
| R1-1                 | STOP                    | Sta. 8+10, Lt. 37                        | 1                  |          |                         |          |
| R2-1(25)             | SPEED LIMIT 25          | Sta. 12+65, Lt. 27                       |                    | 1        |                         |          |
| R2-1(35)             | SPEED LIMIT 35          | Sta. 26+85, Lt. 27                       | 1                  |          |                         |          |
| R3-44                | ONLY ONLY               | Sta. 7+85, Lt. 35                        | 1                  |          |                         |          |
| R5-1                 | DO NOT ENTER            | Sta. 8+42, Lt. 50                        | 1                  | 1        |                         |          |
| R6-1(L)              | ONE WAY                 | Sta. 8+42, Lt. 50                        |                    | 1        |                         |          |
| R6-1(R)              | ONE WAY                 | Sta. 8+42, Lt. 50                        |                    | 1        |                         |          |
| R7-201-A             | TOW AWAY ZONE           |                                          |                    | 11       |                         |          |
| R8-3a                | NO PARKING SYMBOL       |                                          | 11                 |          |                         |          |
| R9-3a                | NO PEDESTRIANS SYMBOL   | Sta. 26+00, Lt. 15                       | 1                  |          |                         |          |
| R9-3c                | USE SIDEWALK            | Sta. 26+00, Lt. 15                       |                    | 1        |                         |          |
| R16-9a               | BEGIN SHOULDER LANE     | Sta. 23+05, Lt. 27                       |                    |          | 1                       |          |
| R16-10a              | SHOULDER LANE OPEN      | Sta. 13+95, Lt. 30<br>Sta. 20+05, Lt. 30 |                    |          | 2                       |          |
| R16-11a              | SHOULDER LANE AHEAD     | Sta. 27+50, Lt. 30                       |                    |          | 1                       |          |
|                      |                         |                                          |                    |          |                         |          |
| D4-1                 | PARKING                 | Sta. 9+10, Lt. 30                        | 1                  |          |                         |          |
| M4-11                | BEGIN                   | Sta. 28+40, Lt. 30                       |                    | 1        |                         |          |
| S4-3                 | SCHOOL PLATE            | Sta. 12+65, Lt. 27                       |                    | 1        |                         |          |
| S4-4                 | WHEN FLASHING PLATE     | Sta. 12+65, Lt. 27                       |                    | 1        |                         |          |
| S6-1                 | KEAAU ELEMENTARY SCHOOL | Sta. 8+65, Lt. 55                        | 1                  |          |                         |          |
|                      |                         | TOTAL                                    | 19                 | 19       | 4                       |          |

| CONSTRUCTION SIGN SUMMARY |                  |                         |        |          |
|---------------------------|------------------|-------------------------|--------|----------|
| SIGN NO.                  | LOCATION         | MESSAGE                 | W/POST | W/O POST |
| CW20-1                    | Sta. 1+70 RT.    | ROAD CONSTRUCTION AHEAD | 1      |          |
| CG20-2                    | Sta. 1+70 LT.    | END CONSTRUCTION        | 1      |          |
| CW20-1                    | Sta. 33+00 LT    | ROAD CONSTRUCTION AHEAD | 1      |          |
| CG20-2                    | Sta. 33+00 RT    | END CONSTRUCTION        | 1      |          |
| CW20-1                    | OLD VOLCANO ROAD | ROAD CONSTRUCTION AHEAD | 1      |          |
| CW20-1                    | OLD VOLCANO ROAD | ROAD CONSTRUCTION AHEAD | 1      |          |
|                           |                  | TOTAL                   | 6      |          |

| DESTINATION SIGN SUMMARY |           |              |         |                        |                          |        |
|--------------------------|-----------|--------------|---------|------------------------|--------------------------|--------|
| SIGN NO.                 | LOCATION  | MESSAGE      | SIZE    | OVERLAY AREA (SQ. FT.) | NEW PANEL AREA (SQ. FT.) |        |
|                          |           |              |         |                        | W/O POST                 | W/POST |
| D-1                      | Sta. 9+45 | Hilo Volcano | 6' x 3' |                        |                          | 18.00  |
|                          |           | TOTAL        |         |                        |                          | 18.00  |

|                     |       |            |             |           |              |
|---------------------|-------|------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | 130B-01-91 | 1991        | 23        | 26           |

| PAVEMENT MARKING SUMMARY                  |                |
|-------------------------------------------|----------------|
| DESCRIPTION                               | QUANTITY       |
| PAVEMENT MARKERS                          |                |
| TYPE A                                    |                |
| TYPE CL                                   | 116 EA.        |
| TYPE DL                                   | 73 EA.         |
| TYPE HL                                   | 37 EA.         |
| TYPE J                                    | 54 EA.         |
| TAPE - TYPE I OR THERMOPLASTIC EXTRUSION  |                |
| 4-INCH PAVEMENT STRIPE (WHITE)            | 270 LIN. FT.   |
| 4-INCH PAVEMENT STRIPE (YELLOW)           |                |
| 8-INCH PAVEMENT STRIPE (WHITE)            | 80 LIN. FT.    |
| 12-INCH PAVEMENT STRIPE (WHITE)           |                |
| 12-INCH PAVEMENT STRIPE (YELLOW)          |                |
| DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW)    | 1,100 LIN. FT. |
| PAVEMENT ARROW                            | 12 EA.         |
| PAVEMENT WORD                             | 12 EA.         |
| TAPE - TYPE II OR THERMOPLASTIC EXTRUSION |                |
| 4-INCH PAVEMENT STRIPE (WHITE)            | 4,370 LIN. FT. |
| 4-INCH PAVEMENT STRIPE (YELLOW)           |                |
| 8-INCH PAVEMENT STRIPE (WHITE)            |                |
| 12-INCH PAVEMENT STRIPE (WHITE)           | 120 LIN. FT.   |
| DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW)    | 525 LIN. FT.   |
| THERMOPLASTIC EXTRUSION                   |                |
| 4-INCH PAVEMENT STRIPE (WHITE)            | 880 LIN. FT.   |
| 8-INCH PAVEMENT STRIPE (WHITE)            |                |
| 12-INCH PAVEMENT STRIPE (WHITE)           | 55 LIN. FT.    |
| CROSSWALK MARKINGS                        | 13 LANES       |

|                                                                      |                                                 |
|----------------------------------------------------------------------|-------------------------------------------------|
| 7/5/91                                                               | Revised Traffic Sign & Pav't. Marking Summaries |
| DATE                                                                 | REVISION                                        |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |                                                 |
| MISCELLANEOUS SUMMARIES                                              |                                                 |
| KEAAU-PAHOA RD. IMPORVEMENTS                                         |                                                 |
| Vicinity of Keaau School                                             |                                                 |
| PROJECT NO. 130B-01-91                                               |                                                 |
| Date: May, 1991                                                      |                                                 |
| SHEET No. 76 OF 6 SHEETS                                             |                                                 |