

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0900(34)       | 1997        | 18        | 20           |

TRAFFIC SIGN SUMMARY

| SIGN NO.         | MESSAGE                                                                                                                                                             | QUANTITY           |          |                         |           |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-------------------------|-----------|
|                  |                                                                                                                                                                     | 10 SQ. FT. OR LESS |          | GREATER THAN 10 SQ. FT. |           |
|                  |                                                                                                                                                                     | W/POST             | W/O POST | W/POSTS                 | W/O POSTS |
| KAAHUMANU AVENUE |                                                                                                                                                                     |                    |          |                         |           |
| RI-1             | STOP                                                                                                                                                                | 3                  |          |                         |           |
| RI-2             | YIELD                                                                                                                                                               | 2                  |          |                         |           |
| R2-1(30)         | SPEED LIMIT 30                                                                                                                                                      | 1                  |          |                         |           |
| R2-1(45)         | SPEED LIMIT 45                                                                                                                                                      | 10                 |          |                         |           |
| R2-5b(30)        | REDUCED SPEED 30                                                                                                                                                    | 1                  |          |                         |           |
| R4-3             | SLOWER TRAFFIC KEEP RIGHT                                                                                                                                           | 2                  |          |                         |           |
| R4-7             |  KEEP RIGHT                                                                        | 1                  | 1        |                         |           |
| R5-1             |  DO NOT ENTER                                                                      | 1                  |          |                         |           |
| R6-1(L)          |  ONE WAY                                                                           | 1                  |          |                         |           |
| R8-3a            | NO PARKING ANY TIME                                                                                                                                                 | 28                 |          |                         |           |
| R9-3a            |   | 1                  | 1        |                         |           |
| RI0-9            | RIGHT TURN ON RED AFTER STOP                                                                                                                                        | 3                  |          |                         |           |
| RI5-1            | UNLAWFUL TO LITTER \$500 FINE                                                                                                                                       | 2                  |          |                         |           |
| RI6-1            | TURN RIGHT ANYTIME WITH CAUTION                                                                                                                                     | 2                  |          |                         |           |
| RI6-1d           | BUCKLE UP ITS THE LAW                                                                                                                                               | 2                  |          |                         |           |
| W6-1             |  DIVIDED HIGHWAY                                                                   | 1                  | 1        |                         |           |
| W11-2            |  ADVANCE PEDESTRIAN CROSSING                                                       | 2                  |          |                         |           |
| W11A-2           |  PED XING                                                                          | 2                  | 2        |                         |           |
| D9-2             |                                                                                  | 1                  | 1        |                         |           |
| D9-14            |                                                                                  | 1                  | 1        |                         |           |
| Subtotal         |                                                                                                                                                                     | 67                 | 7        |                         |           |
| HANA HIGHWAY     |                                                                                                                                                                     |                    |          |                         |           |
| RI-1             | STOP                                                                                                                                                                | 6                  |          |                         |           |
| RI-2             | YIELD                                                                                                                                                               | 1                  |          |                         |           |
| R2-1(30)         | SPEED LIMIT 30                                                                                                                                                      | 2                  |          |                         |           |
| R2-1(45)         | SPEED LIMIT 45                                                                                                                                                      | 1                  |          |                         |           |
| R2-5b(30)        | REDUCED SPEED 30                                                                                                                                                    | 1                  |          |                         |           |
| R3-2             |  NO LEFT TURN                                                                    | 1                  | 1        |                         |           |
| R4-7             |  KEEP RIGHT                                                                      | 1                  | 1        |                         |           |
|                  |                                                                                  | 1                  |          |                         |           |
| R7-1             | NO PARKING ANY TIME                                                                                                                                                 | 8                  |          |                         |           |
| RI5-1            | UNLAWFUL TO LITTER \$500 FINE                                                                                                                                       | 1                  |          |                         |           |
| W2-1             |  CROSS ROAD SIGN                                                                 | 2                  |          |                         |           |
| W2-2             |  SIDE ROAD SIGN                                                                  | 1                  |          |                         |           |
| W3-3             |  SIGNAL AHEAD                                                                    | 1                  |          |                         |           |
| Subtotal         |                                                                                                                                                                     | 27                 | 2        |                         |           |
| TOTAL            |                                                                                                                                                                     | 94                 | 9        |                         |           |

DESTINATION SIGN SUMMARY

| SIGN NO.         | MESSAGE                                   | SIZE (SQ. FT.) | NEW PANEL AREA (SQ. FT.) |         |
|------------------|-------------------------------------------|----------------|--------------------------|---------|
|                  |                                           |                | W/O POSTS                | W/POSTS |
| KAAHUMANU AVENUE |                                           |                |                          |         |
| D-1              | MAUI COMMUNITY COLLEGE ➡                  | 6.5' x 3.0'    |                          | 19.5    |
| D-2              | MAUI COMMUNITY COLLEGE ←                  | 6.5' x 3.0'    |                          | 19.5    |
| Subtotal         |                                           |                |                          | 39.0    |
| HANA HIGHWAY     |                                           |                |                          |         |
| D-3              | ↑ PAIA 7<br>HALEAKALA 39<br>← AIRPORT 2   | 8.0' x 4.0'    |                          | 32.0    |
| D-4              | AIRPORT EXIT<br>1000 FT.<br>USE LEFT LANE | 7.0' x 3.5'    |                          | 24.5    |
| D-5              | KIHEI 7<br>LAHAINA 22 ➡                   | 8.0' x 2.5'    |                          | 20.0    |
| Subtotal         |                                           |                |                          | 76.5    |
| TOTAL            |                                           |                |                          | 115.5   |

|               |                   |            |
|---------------|-------------------|------------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE       |
|               | DRAWN BY          | Sept. 1995 |
|               | TRACED BY         |            |
|               | NOTED BY          |            |
| NOTE BOOK     | QUANTITIES BY     |            |
|               | CHECKED BY        |            |
|               |                   |            |
|               |                   |            |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

KAAHUMANU AVENUE & HANA HIGHWAY  
GUARDRAIL & SHOULDER IMPROVEMENTS  
Naniloa Drive to Kahului Beach Road &  
Kaahumanu Avenue to Dairy Road  
Fed. Aid Project No. STP-0900(34)

Date: Sept., 1995

SHEET No. 1 OF 3 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0900(34)       | 1997        | 19        | 20           |

| CONSTRUCTION SIGN SUMMARY |                                   |                 |         |          |
|---------------------------|-----------------------------------|-----------------|---------|----------|
| SIGN NO.                  | LOCATION                          | MESSAGE         | W/POSTS | W/O POST |
| KAAHUMANU AVENUE          |                                   |                 |         |          |
| CW20-1A(d)                | Kaahumanu Ave. Sta. 20+00 Rt.     | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Kaahumanu Ave. Sta. 20+00 Lt.     | END ROAD WORK   | 1       |          |
| CW20-1A(d)                | Kaahumanu Ave. Sta. 12+00 Lt.     | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Kaahumanu Ave. Sta. 12+00 Rt.     | END ROAD WORK   | 1       |          |
| CW20-1A(d)                | Kanaloa Ave. Sta. 5+00 Lt.        | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Kanaloa Ave. Sta. 5+00 Rt.        | END ROAD WORK   | 1       |          |
| CW20-1A(d)                | Mahalani St. Sta. 5+00 Lt.        | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Mahalani St. Sta. 5+00 Rt.        | END ROAD WORK   | 1       |          |
| CW20-1A(d)                | S. Papa Ave. Sta. 5+00 Lt.        | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | S. Papa Ave. Sta. 5+00 Rt.        | END ROAD WORK   | 1       |          |
| CW20-1A(d)                | Wakea Ave. Sta. 5+00 Lt.          | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Wakea Ave. Sta. 5+00 Rt.          | END ROAD WORK   | 1       |          |
| CW20-1A(d)                | Kahului Beach Road Sta. 63+00 Rt. | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Kahului Beach Road Sta. 63+00 Lt. | END ROAD WORK   | 1       |          |
| Subtotal                  |                                   |                 | 14      |          |
| HANA HIGHWAY              |                                   |                 |         |          |
| CW20-1A(d)                | Hana Hwy. Sta. 48+00± Lt.         | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Hana Hwy. Sta. 48+00± Rt.         | END ROAD WORK   | 1       |          |
| CW20-1A(d)                | Kaahumanu Ave. Sta. 33+50± Rt.    | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Kaahumanu Ave. Sta. 33+50± Lt.    | END ROAD WORK   | 1       |          |
| CW20-1A(d)                | Dairy Road Sta. 25+00± Rt.        | ROAD WORK AHEAD | 1       |          |
| CG20-2A                   | Dairy Road Sta. 25+00± Lt.        | END ROAD WORK   | 1       |          |
| Subtotal                  |                                   |                 | 6       |          |
| TOTAL                     |                                   |                 | 20      |          |

| PAVEMENT MARKING SUMMARY                     |             |
|----------------------------------------------|-------------|
| DESCRIPTION                                  | QUANTITY    |
| KAAHUMANU AVENUE                             |             |
| PAVEMENT MARKERS<br>TYPE C _____             | 400 EA.     |
| 4-INCH PAVEMENT STRIPE (WHITE - PAINT) _____ | 15,000 L.F. |
| HANA HIGHWAY                                 |             |
| PAVEMENT MARKERS<br>TYPE C _____             | 225 EA.     |
| 4-INCH PAVEMENT STRIPE (WHITE - PAINT) _____ | 9,000 L.F.  |

| REFLECTOR MARKER SUMMARY |               |       |          |
|--------------------------|---------------|-------|----------|
| TYPE                     | QUANTITY      |       |          |
|                          | W/ STEEL POST |       | W/O POST |
|                          | YELLOW        | WHITE |          |
| KAAHUMANU AVENUE         |               |       |          |
| RM-3                     | 8             |       |          |
| TOTAL                    | 8             |       |          |

| OBJECT MARKER SUMMARY |          |           |
|-----------------------|----------|-----------|
| TYPE                  | QUANTITY |           |
|                       | W/POST   | W/O POST* |
| KAAHUMANU AVENUE      |          |           |
| TYPE II OBJECT MARKER |          | 100       |
| Subtotal              |          | 100       |
| HANA HIGHWAY          |          |           |
| TYPE II OBJECT MARKER |          | 50        |
| Subtotal              |          | 50        |
| TOTAL                 |          | 150       |

\* Contractor shall install object markers on all trees and utility poles that are within the State Highway right-of-way. Ref. TE-17 of Standard Plans.

ORIGINAL PLAN

NOTED BOOK

DATE

SURVEY PLOTTED BY

DRAWN BY

TRACED BY

QUANTITIES BY

CHECKED BY

10/19/95

16

CP

10/19/95

10/19/95

ad/gr/200

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**MISCELLANEOUS SUMMARIES**  
KAAHUMANU AVENUE & HANA HIGHWAY  
GUARDRAIL & SHOULDER IMPROVEMENTS  
Naniloa Drive to Kahului Beach Road  
Kaahumanu Avenue to Dairy Road  
Fed. Aid Project No. STP-0900(34)  
Date: Sept., 1995

|               |                   |           |
|---------------|-------------------|-----------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE      |
| NOTE BOOK     | DRAWN BY          | Dec. 1992 |
| DESIGNED BY   | DESIGNED BY       |           |
| QUANTITIES BY | QUANTITIES BY     |           |
| CHECKED BY    | CHECKED BY        |           |

diagram

| ROUTE MARKER SUMMARY |                                                                                                                                                                                                     |                 |          |                 |          |  |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|-----------------|----------|--|
| SIGN ASSEMBLY        | SIGN NO. AND MESSAGE                                                                                                                                                                                | TYPE A ASSEMBLY |          | TYPE B ASSEMBLY |          |  |
|                      |                                                                                                                                                                                                     | W/POST          | W/O POST | W/POST          | W/O POST |  |
| KAAHUMANU AVENUE     |                                                                                                                                                                                                     |                 |          |                 |          |  |
| SRM-1                | <div><div>EAST</div><div>32</div><div>↑</div></div> <div>M3-2<br/>M1-6(32)<br/>M6-3</div>                                                                                                           | 1               |          |                 |          |  |
| SRM-2                | <div><div>WEST</div><div>32</div><div>↑</div></div> <div>M3-4<br/>M1-6(32)<br/>M6-3</div>                                                                                                           | 2               |          |                 |          |  |
| SRM-3                | <div><div>NORTH</div><div>340</div><div>↙</div></div> <div>M3-1<br/>M1-6(340)<br/>M6-2(L)</div>                                                                                                     | 1               |          |                 |          |  |
| SRM-4                | <div><div>JCT</div><div>340</div></div> <div>M2-1<br/>M1-6(340)</div>                                                                                                                               | 1               |          |                 |          |  |
| Subtotal             |                                                                                                                                                                                                     | 5               |          |                 |          |  |
| HANA HIGHWAY         |                                                                                                                                                                                                     |                 |          |                 |          |  |
| SRM-5                | <div><div>NORTH</div><div>36</div><div>↑</div></div> <div>M3-1<br/>M1-6(36)<br/>M6-3</div>                                                                                                          | 1               |          |                 |          |  |
| SRM-6                | <div><div>SOUTH</div><div>36</div><div>↑</div></div> <div>M3-3<br/>M1-6(36)<br/>M6-3</div>                                                                                                          | 2               |          |                 |          |  |
| SRM-7                | <div><div>JCT</div><div>32</div></div> <div>M2-1<br/>M1-6(32)</div>                                                                                                                                 | 1               |          |                 |          |  |
| SRM-8                | <div><div>JCT</div><div>32A</div></div> <div>M2-1<br/>M1-6(32A)</div>                                                                                                                               | 1               |          |                 |          |  |
| SRM-9                | <div><div>JCT</div><div>396</div></div> <div>M2-1<br/>M1-6(396)</div>                                                                                                                               | 2               |          |                 |          |  |
| SRM-10               | <div><div>JCT</div><div>380</div></div> <div>M2-1<br/>M1-6(380)</div>                                                                                                                               | 1               |          |                 |          |  |
| SRM-11               | <div><div>M3-2<br/>M1-6(32)<br/>M6-3</div><div><div>EAST</div><div>32</div><div>↑</div></div></div> <div><div>SOUTH</div><div>36</div><div>↘</div></div> <div>M3-3<br/>M1-6(36)<br/>M6-2(R)</div>   |                 |          | 1               |          |  |
| SRM-12               | <div><div>M3-1<br/>M1-6(36)<br/>M6-3</div><div><div>NORTH</div><div>36</div><div>↑</div></div></div> <div><div>EAST</div><div>32A</div><div>↗</div></div> <div>M3-2<br/>M1-6(32A)<br/>M6-2(R)</div> |                 |          | 1               |          |  |
| SRM-13               | <div><div>M3-2<br/>M1-6(396)<br/>M6-2(L)</div><div><div>EAST</div><div>396</div><div>↙</div></div></div> <div><div>SOUTH</div><div>36</div><div>↑</div></div> <div>M3-3<br/>M1-6(36)<br/>M6-3</div> |                 |          | 1               |          |  |
| SRM-14               | <div><div>M3-1<br/>M1-6(36)<br/>M6-3</div><div><div>NORTH</div><div>36</div><div>↑</div></div></div> <div><div>EAST</div><div>396</div><div>→</div></div> <div>M3-2<br/>M1-6(396)<br/>M6-1</div>    |                 |          | 1               |          |  |
| SRM-15               | <div><div>M1-6(380)<br/>M6-4</div><div><div>380</div><div>↔</div></div></div> <div><div>36</div><div>↑</div></div> <div>M1-6(36)<br/>M6-3</div>                                                     |                 |          | 1               |          |  |
| Subtotal             |                                                                                                                                                                                                     | 8               |          | 5               |          |  |
| TOTAL                |                                                                                                                                                                                                     | 13              |          | 5               |          |  |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0900(34)       | 1997        | 20        | 20           |

| MILE POST MARKERS AND SUMMARY |                         |                                                                  |
|-------------------------------|-------------------------|------------------------------------------------------------------|
| MILE POST NO.                 | LOCATION                | QUANTITY W/ SUPPLEMENTAL ROUTE NO. PLATE (BI-DIRECTIONAL W/POST) |
| KAAHUMANU AVENUE              |                         |                                                                  |
| 1                             | # Sta. 46+40± Lt. # Rt. | 2                                                                |
| 2                             | # Sta. 98+60± Lt. # Rt. | 2                                                                |
| Subtotal                      |                         | 4                                                                |
| HANA HIGHWAY                  |                         |                                                                  |
| 0                             | # Sta. -2+00 Rt.        | 1                                                                |
| 0                             | # Sta. 7+50 Lt.         | 1                                                                |
| Subtotal                      |                         | 2                                                                |
| TOTAL                         |                         | 6                                                                |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

KAAHUMANU AVENUE # HANA HIGHWAY  
GUARDRAIL # SHOULDER IMPROVEMENTS  
Naniloa Drive to Kahului Beach Road #  
Kaahumanu Avenue to Dairy Road  
Fed. Aid Project No. STP-0900(34)

Date: December, 1995