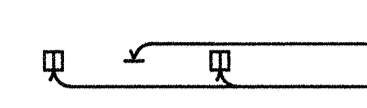
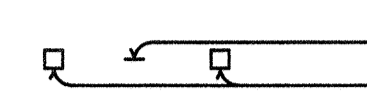
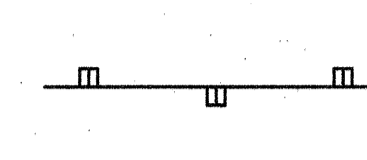
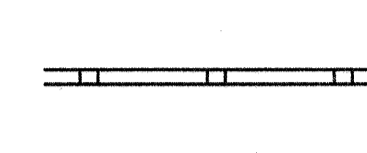

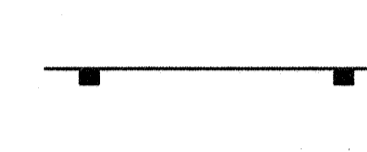
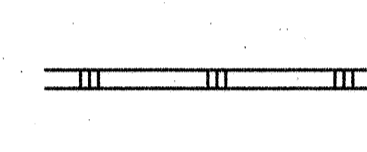
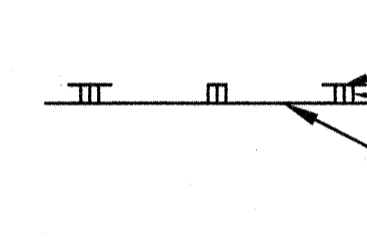
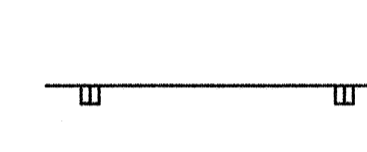

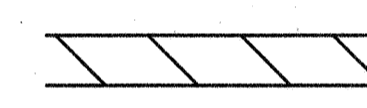
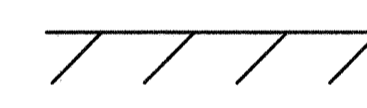
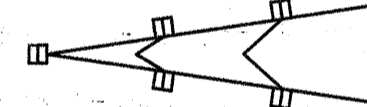
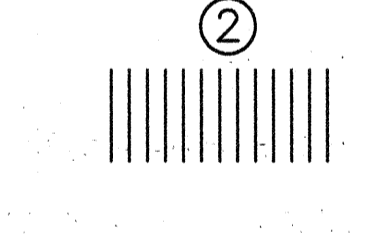


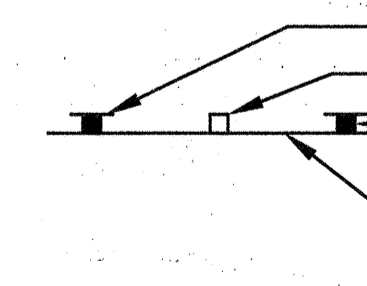
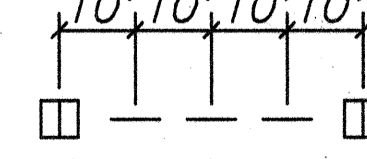


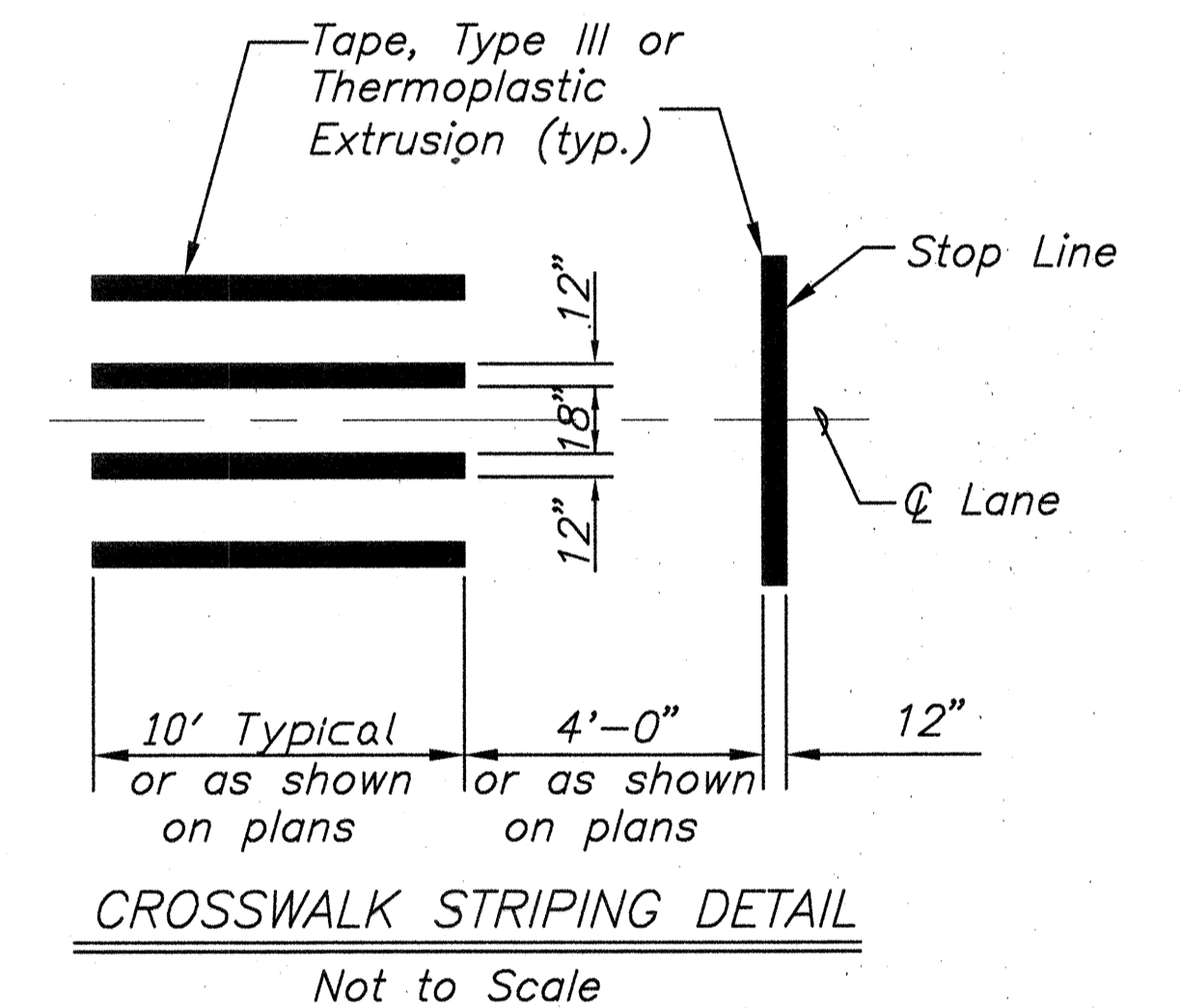
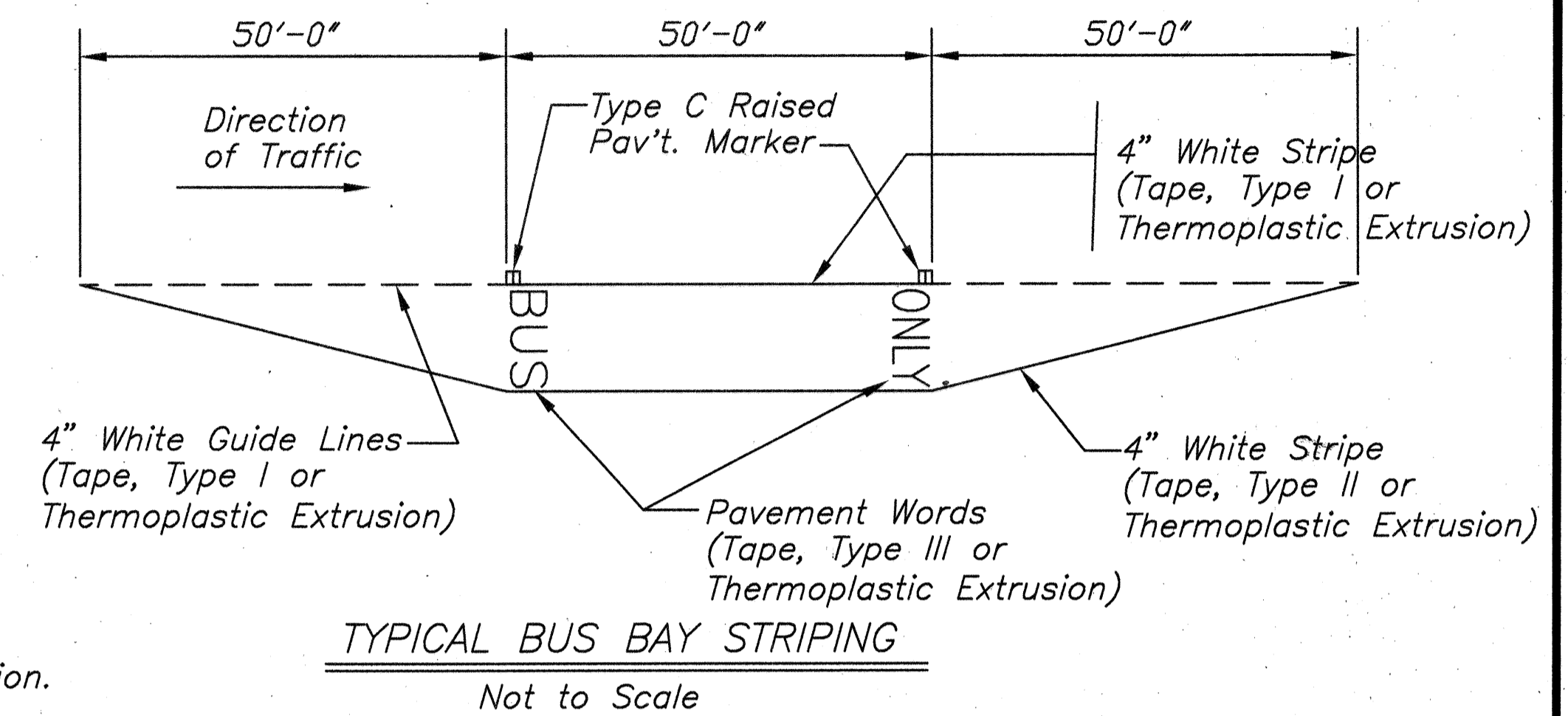
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(16)	1995	6	16

LEGEND

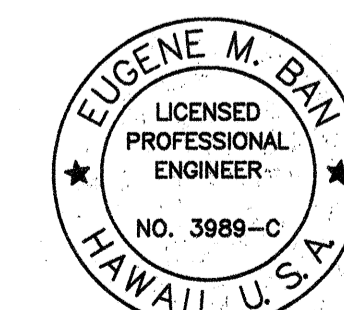
-  4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 40'-0" o.c.
-  4 each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ 40'-0" o.c.
-  8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
-  4" Double Solid Yellow with Type D Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
-  4" Double Solid Yellow Stripe with Type H Raised Pavement Markers @ 20'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
-  4" Yellow Edge Stripe with Type H Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
-  4" Double Solid White Stripes with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
-  Lane Change Restriction Marking
4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 20'-0" o.c.
4" White Stripe (Tape, Type I or Thermoplastic Extrusion)
-  4" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
-  4" White Guide Lines (Tape, Type III or Thermoplastic Extrusion except for bus bays)
-  Transverse Median Marking (Tape, Type II or Thermoplastic Extrusion)
-  Transverse Shoulder Marking (Tape, Type II or Thermoplastic Extrusion)
-  Channelizing Island or Deceleration Lane Gore (Tape, Type II or Thermoplastic Extrusion)
-  Crosswalk and Stop Line. All Stop Lines shall be 4'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment (Tape, Type III or Thermoplastic Extrusion)
-  Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)
-  Pavement Word (Tape, Type III or Thermoplastic Extrusion)
-  4 Each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ 40'-0" o.c.
Type H Raised Pavement Markers (Reflective Surface facing no-passing direction)
4" Single Solid Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)
-  Extension of Edge Line, 4" Wide x 2'-0" Long White Stripe @ 10'-0" o.c. w/Type C Markers @ 40'-0" o.c. (Tape, Type III or Thermoplastic Extrusion)

NOTES


1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2. Existing pavement markings and striping not incorporated in the final traffic pattern shall be removed as directed by the Engineer. The removal of the existing pavement markings shall not be paid for separately but shall be considered incidental to the various pavement marking items.
3. Raised pavement markers shall not be installed within crosswalks.
4. Final locations of all signs shall be approved by the Engineer prior to any installation work.
5. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans or directed by the Engineer shall not be paid for and shall be considered incidental to the various signing items.
6. Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
7. All pavement striping shall be as noted on the Legend or plans.
8. All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
9. Stop signs indicated to be removed shall be removed after the traffic signal system is operational.
10. Removal of Existing Delineators and Posts as directed by the Engineer shall be considered incidental to the various signing items.
11. Existing signs that are to be replaced shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.
12. Backing for all new regulatory and warning signs shall not be spliced.
13. All sign panels shall conform to Section 621 of Special Provisions and the latest editions and amendments of the following FHWA publications:
 - a. "Manual on Uniform Traffic Control Devices for Street and Highways" (MUTCD)
 - b. "Standard Highway Signs"
 - c. "Standard Alphabets for Highway Signs"
14. All new and relocated signs and markers installed on pipe post or light standard are to be mounted with band brackets and steel braces.
15. The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs as indicated on the plans or as directed by the Engineer for the duration of the highway project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic control signs called for in Section 645-Traffic Control. The advance construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the Oahu District Baseyard or as directed by the Engineer at the end of the project. The advance construction warning signs shall be paid under Item No. 621.7110, Construction Sign with Two Posts.



SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 DESIGNED BY _____
 QUANTITIES BY _____
 CHECKED BY _____
 ORIGINAL PLAN No. _____
 NOTE BOOK No. _____

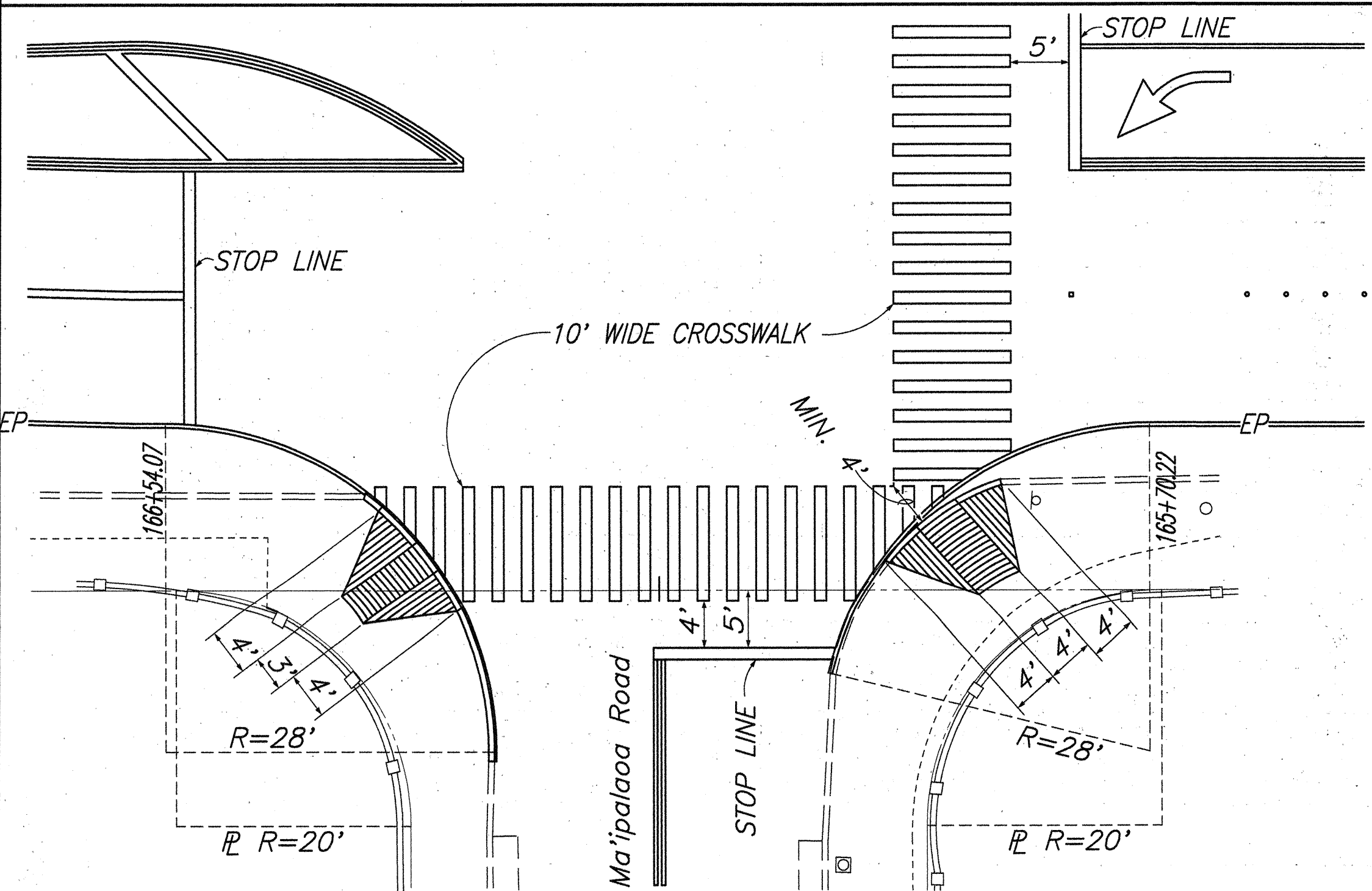
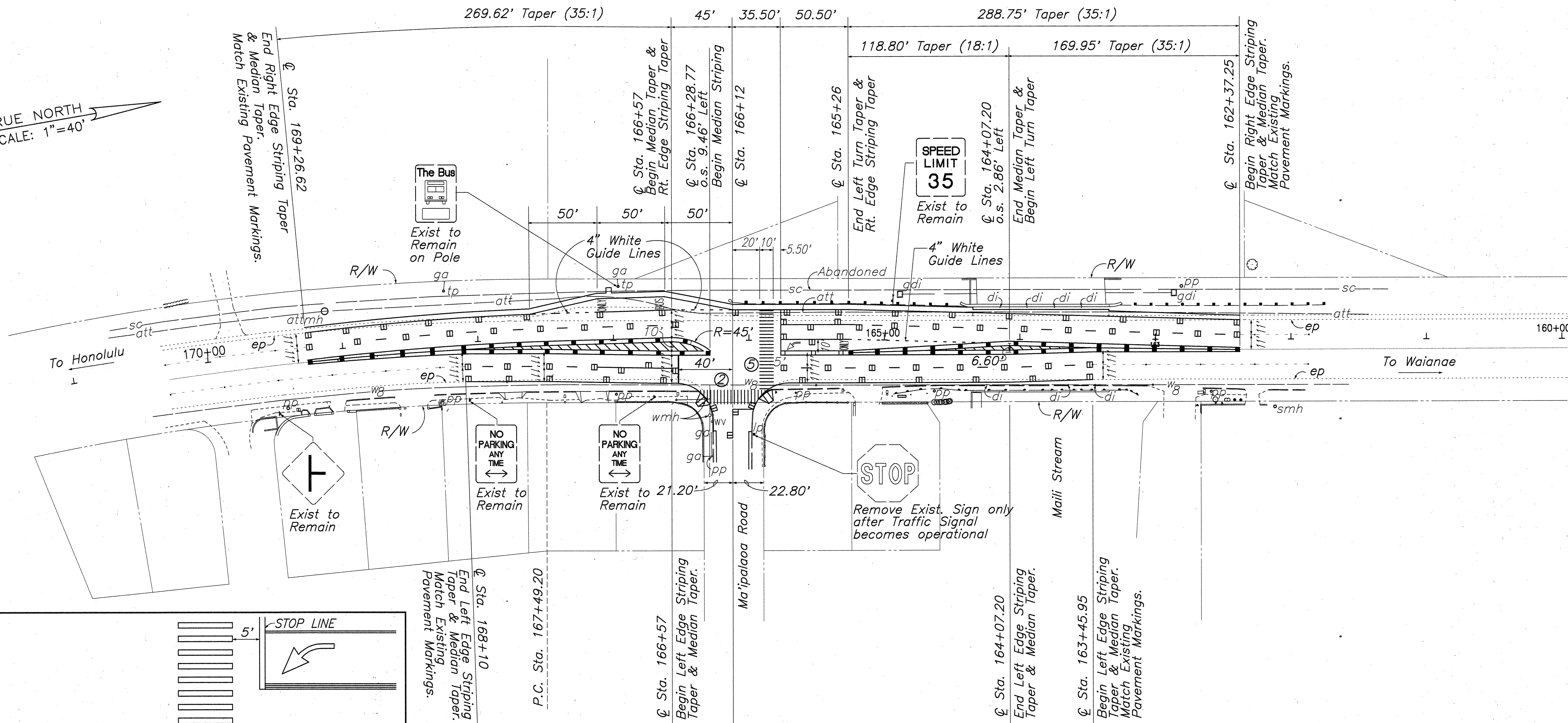


STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**PAVEMENT MARKING
 LEGEND, DETAILS & NOTES**
 FARRINGTON HIGHWAY INTERSECTION
 IMPROVEMENTS AT MA'IPALAOA ROAD
 F.A.P. NO. STP-093-1(16)
 SCALE: AS NOTED DATE: April 1966
SHEET No. 5 OF 7 SHEETS


 THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION

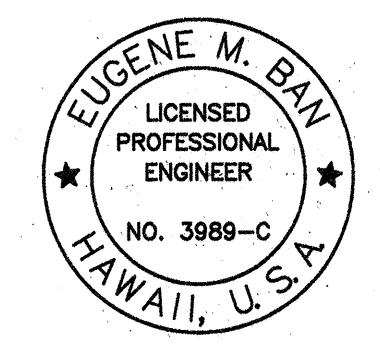
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(16)	1995	7	16

TRUE NORTH
SCALE: 1"=40'



PLAN - STRIPING @ INTERSECTION
SCALE: 1" = 10'

DATE	____
DESIGNED BY	____
TRACED BY	____
QUANTITIES BY	____
CHECKED BY	____
NO.	____



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**PAVEMENT MARKING
& SIGNING PLAN**
FARRINGTON HIGHWAY INTERSECTION
IMPROVEMENTS AT MA'IPALAOA ROAD
F.A.P. NO. STP-093-1(16)
SCALE: 1"=40' DATE: April 1966
SHEET No. 6 OF 7 SHEETS

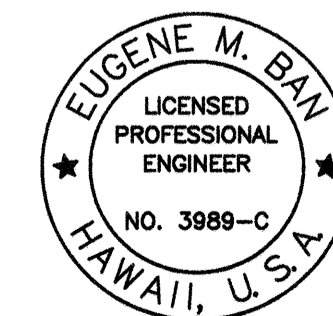
E.M.B.
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(16)	1995	8	16

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
TYPE A _____	92 EA.
TYPE C _____	66 EA.
TYPE D _____	5 EA.
TYPE H _____	58 EA.
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION	
8-INCH PAVEMENT STRIPE (WHITE) _____	170 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	70 L.F.
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	1,202 L.F.
12-INCH PAVEMENT STRIPE (YELLOW) _____	126 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	1,176 L.F.
TAPE - TYPE III OR THERMOPLASTIC EXTRUSION _____	
4-INCH PAVEMENT STRIPE (WHITE) _____	219 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	69 L.F.
CROSSWALK MARKINGS _____	7 LANES
PAVEMENT ARROW _____	1 EA.
PAVEMENT WORD _____	3 EA.

CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	QUANTITY	W/POSTS
CW20-1d	Q STA. 141+87± RT.	ROAD WORK AHEAD	1	1
CW20-1	Q STA. 151+87± RT.	ROAD CONSTRUCTION - 750 FT	1	1
CW13-1(20)-A	Q STA. 151+87± RT.	20 MPH	1	
CW20-5(R)	Q STA. 154+37± RT.	RIGHT LANE CLOSED - 500 FT	1	1
CW20-5(L)	Q STA. 154+37± RT.	LEFT LANE CLOSED - 500 FT	1	1
CW4-2(R)-A	Q STA. 156+87± RT.		1	1
CW4-2(L)-A	Q STA. 156+87± RT.		1	1
CG20-2	Q STA. 157+37± LT.	END ROAD WORK	1	1
CG20-2	Q STA. 174+27± RT.	END ROAD WORK	1	1
CW4-2(L)-A	Q STA. 174+77± LT.		1	1
CW4-2(R)-A	Q STA. 174+77± LT.		1	1
CW20-5(L)	Q STA. 177+27± LT.	LEFT LANE CLOSED - 500 FT	1	1
CW20-5(R)	Q STA. 179+77± LT.	RIGHT LANE CLOSED - 500 FT	1	1
CW20-1	Q STA. 179+77± LT.	ROAD CONSTRUCTION - 750 FT	1	1
CW13-1(20)-A	Q STA. 179+77± LT.	20 MPH	1	
CW20-1d	Q STA. 189+77± LT.	ROAD WORK AHEAD	1	1
CW20-7a	MAIPALAOA RD. - 375 FT. BEFORE INTERSECTION	+	1	1
24"x18" PLATE	MAIPALAOA RD. - 375 FT. BEFORE INTERSECTION	200 FT	1	
CW20-4	MAIPALAOA RD. - 575 FT. BEFORE INTERSECTION	ONE LANE ROAD AHEAD	1	1
CW20-1	MAIPALAOA RD. - 775 FT. BEFORE INTERSECTION	ROAD WORK AHEAD	1	1
TOTAL			20	17

SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 TRACED BY _____
 DESIGNED BY _____
 QUANTITIES BY _____
 CHECKED BY _____
 ORIGINAL PLAN _____
 NOTE BOOK _____
 NO. _____



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**MISCELLANEOUS TRAFFIC
 SUMMARIES**
 FARRINGTON HIGHWAY INTERSECTION
 IMPROVEMENTS AT MA'IPALAOA ROAD
 F.A.P. NO. STP-093-1(16)
 DATE: April 1966

THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION