

PAVEMENT MARKING LEGEND ⚠

10' White Profiled Thermoplastic Stripe
Type C Raised Pavement Markers @ 40'–0" o.c.

10' Yellow Profiled Thermoplastic Stripe
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 Stripes with Type D Raised Pavement Markers On Both Outside Edges of 4" Yellow Stripe @ 10'–0" o.c. (Tape, Type I or Thermoplastic Extrusion)

4" Double Solid Yellow Stripes with Type H Raised Pavement Markers on Both Outside Edges of 4" Yellow Stripe @ 10'–0" o.c. (Tape, Type II or Thermoplastic Extrusion)

6" Yellow Edge Stripe with Type H Raised Pavement Markers @ 10'–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

10' White Profiled Thermoplastic Stripe
Type C Raised Pavement Markers @ 20'–0' o.c.
4" White Stripe (Tape, Type I or Thermoplastic Extrusion)

6" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 20'–0" o.c. (Tape, Type II or Thermoplastic Extrusions)

4" White Guide Line (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)

②
Crosswalk and Stop Line. All Stop Lines shall be 10'–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)

STOP
Pavement Word (Tape, Type III or Thermoplastic Extrusion)

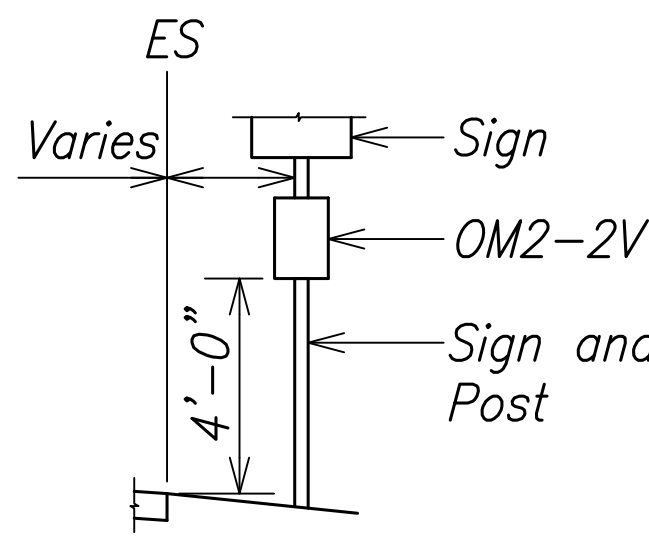
10' Yellow Profiled Thermoplastic Stripe @ 40'–0" o.c.
Type D Raised Pavement Markers on Outside Edge and Midway Between Yellow Profiled Thermoplastic Stripe @ 40'–0" o.c. (Passing Direction)
Type D Raised Pavement Markers on Outside Edge of 4" Single Solid Yellow Stripe @ 10'–0" o.c. (No–Passing Direction)
4" Single Solid Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)

10' 10' 10' 10'
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

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- 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 shall be incidental to the various signing items.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be as noted on the legend or plans.
- All preformed pavement marking tapes over existing pavement shall be applied 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.
- All pedestrian warning signs with supplemental sign shall be on a fluorescent yellow–green retroreflective background with a black legend or border.
- Object marker (OM–5) shall be Vis–Z–shield manufactured by Zumor or approved equal.
- Background of object marker shall be retroreflectorized with Type XI Retroreflective sheeting.
- The color of the object marker (retroreflective sheeting) shall be red for "STOP" and "YIELD" signs, others shall be yellow retroreflective sheeting.
- 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. Removal of existing signs and posts to be replaced shall be considered incidental to the various sign items.
- All sign panels shall conform to Section 631 of Special Provisions and the latest editions and amendments of the following FHWA publications:
 - "Manual on Uniform Traffic Control Devices for Street and Highways" (MUTCD)
 - "Standard Highway Signs
 - "Standard Alphabets for Highway Signs"
- 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 replaced 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 Kauaʻi District Baseyard or as directed by the Engineer at the end of the project.

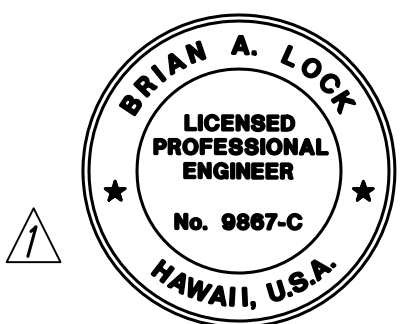
- The Contractor shall install new Type II (OM–2H) Object Markers on all utility poles that are within the State Highway Right–of–way as directed by the Engineer. This shall be considered incidental to the various sign items.
- All traffic control devices including: signs, barricades, vertical panels, warning lights, arrow boards, changeable message signs, cones and tubular markers that meet the requirements of American Traffic Safety Services Association (ATSSA), "Quality Standard for Work Zone Traffic Control Devices, 1992" shall be used on this project. Compliance with this requirement will be considered incidental to the contract and no extra compensation will be allowed.
- The Contractor shall install new Type 5 Object Markers on all regulatory and warning signs. Contractor shall install OM–2V on all other types of signs. See Std. Det. TE–15 and diagrams on this sheet and sheet 154.



TYPICAL
Not to Scale

- All red OM-5 object markers shall cover 4 sides of the sign post. All other OM-5 object markers shall cover 3 sides of the sign post facing all directions of traffic.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	NOTED BY	
	CHECKED BY	
NOTE BOOK	No.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
WILSON OKAMOTO CORPORATION
APRIL 30, 2024
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING LEGEND
DETAILS AND NOTES

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2A
MILE POST 11.5 TO MILE POST 14.0
Federal-Aid Project No. STP-0550(005)
Scale: None Date: August 2022

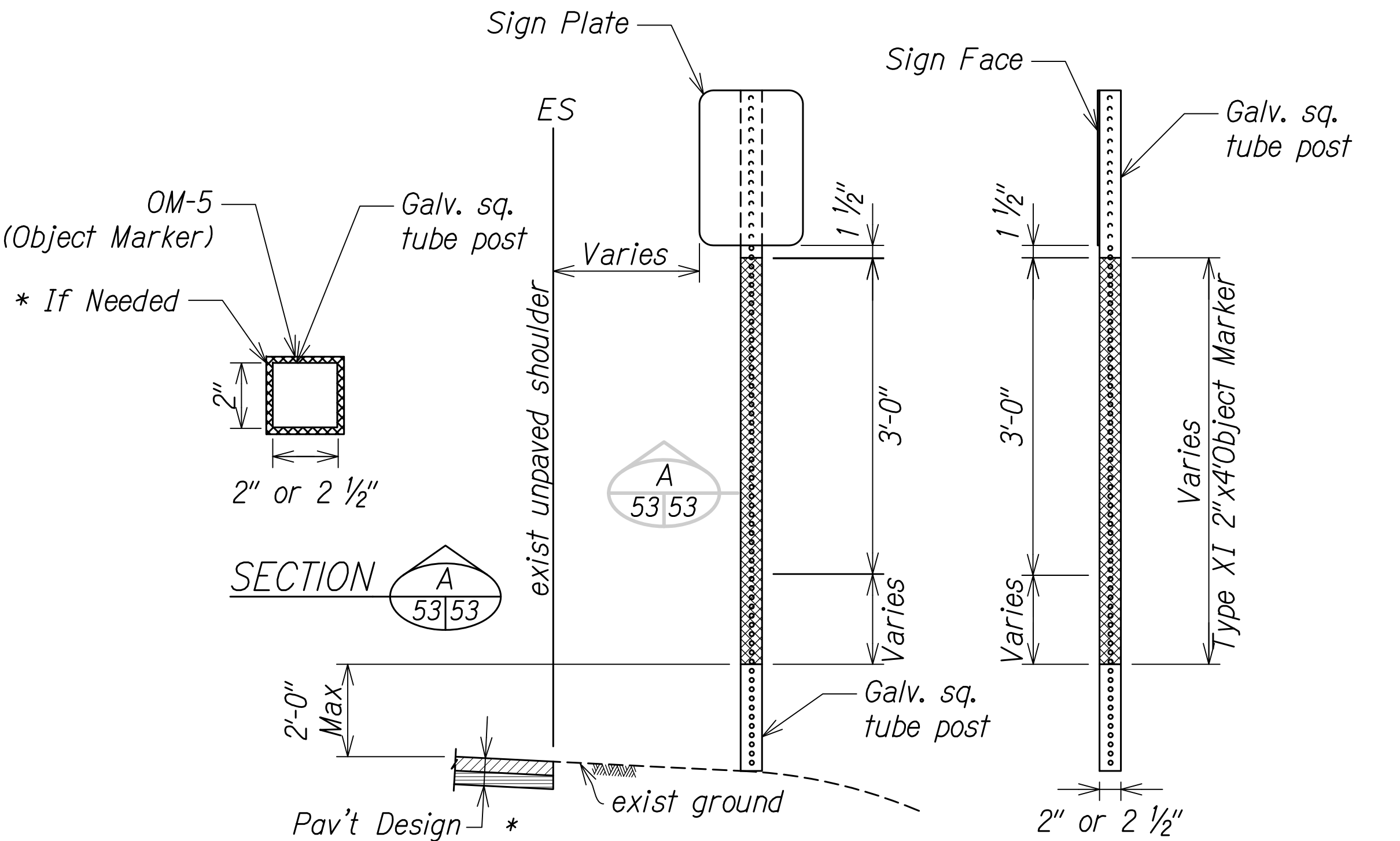
SHEET No. 1 OF 2 SHEETS

11/07/22 ⚠ Revised Presentation of RPM;
Revised Engineer's Stamp

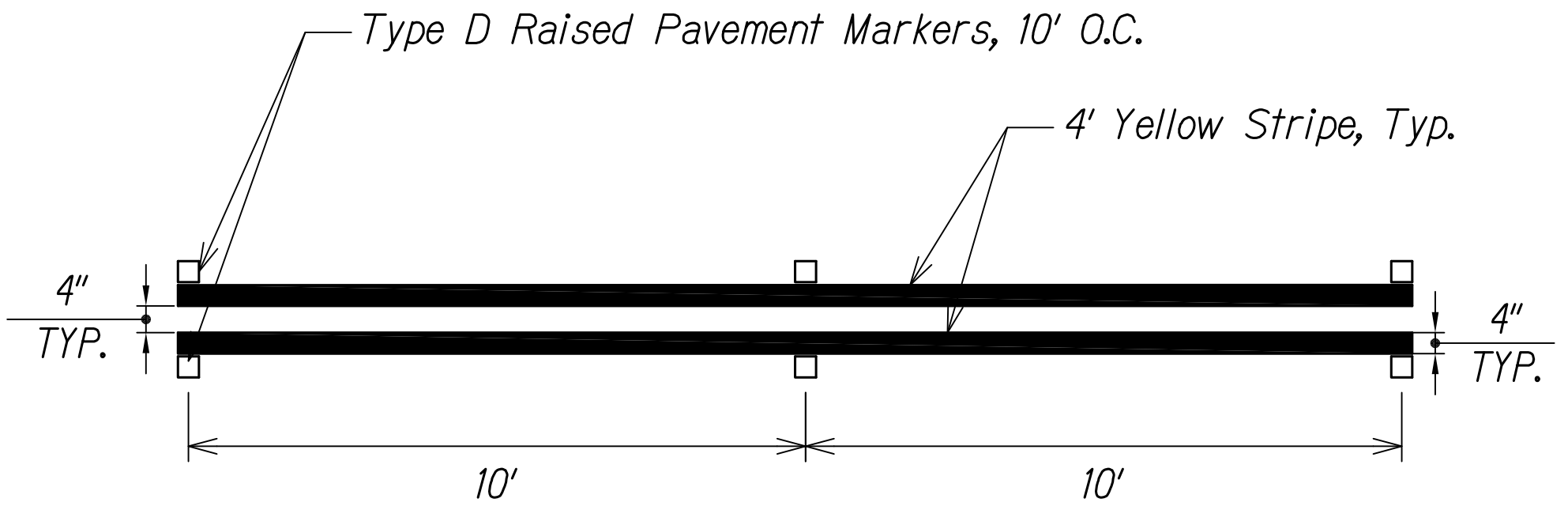
DATE


REVISION

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUA'I	HAW.	STP-0550(005)	2022	ADD. 53	127

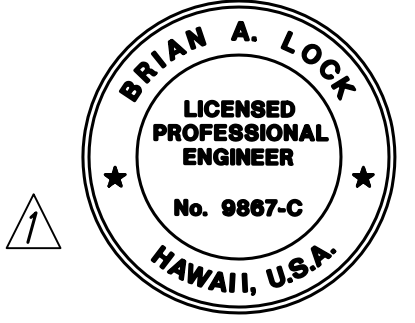



FRONT VIEW SIDE VIEW
OBJECT MARKER (OM-5) DETAIL @ TRAFFIC SIGN POST
Not to Scale




4" DOUBLE SOLID YELLOW CENTERLINE STRIPE WITH
TYPE D RAISED PAVEMENT MARKERS ON BOTH SIDES 
Not to Scale

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



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APRIL 30, 2024
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**PAVEMENT MARKING
DETAILS**
WAIMEA CANYON DRIVE /
KOEKE ROAD IMPROVEMENTS, PHASE 2A
MILE POST 11.5 TO MILE POST 14.0
Federal-Aid Project No. STP-0550(005)
Scale: None Date: August 2022

11/07/22	 Added Pavement Marking Detail; Revised Engineer's Stamp
DATE	REVISION

SHEET No. 2 OF 2 SHEETS