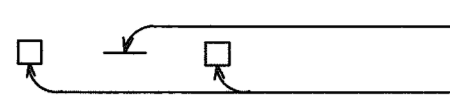
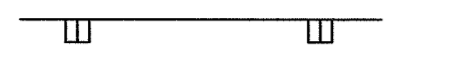



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(1)R	2001	73	77

LEGEND

-  4 each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ 40'-0" o.c.
-  8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
-  Reflector Marker (RM-3, Yellow) w/Post

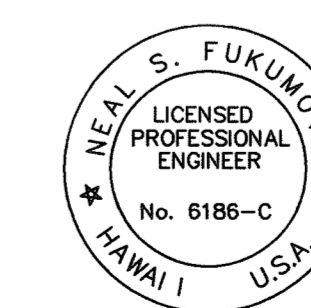
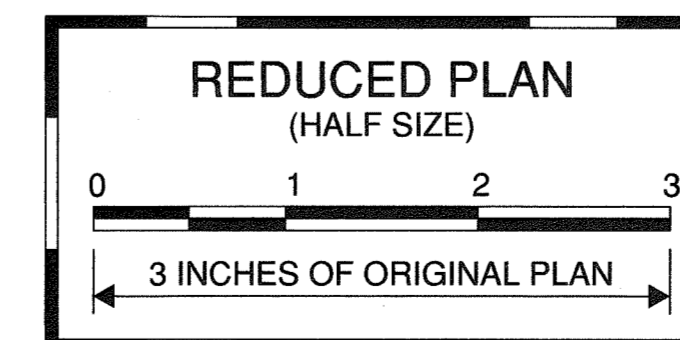
NOTES

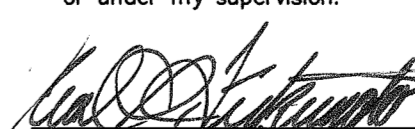
1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
3. Final locations of all signs shall be approved by the Engineer prior to any installation work.
4. 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.
5. All pavement striping shall be as noted on the legend or plans. Line widths shall match existing.
6. 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.
7. The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs placed 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 District Baseyard, or as directed by the Engineer, upon the completion of the project.
8. 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 Streets and Highways" (MUTCD)
 - b. "Standard Highway Signs"
 - c. "Standard Alphabets for Highway Signs"
9. Removal of existing delineators and posts, as directed by the Engineer or shown on the plans, shall be considered incidental to the various signing items.

Sign Key

 Install New Sign(s) w/Post(s)

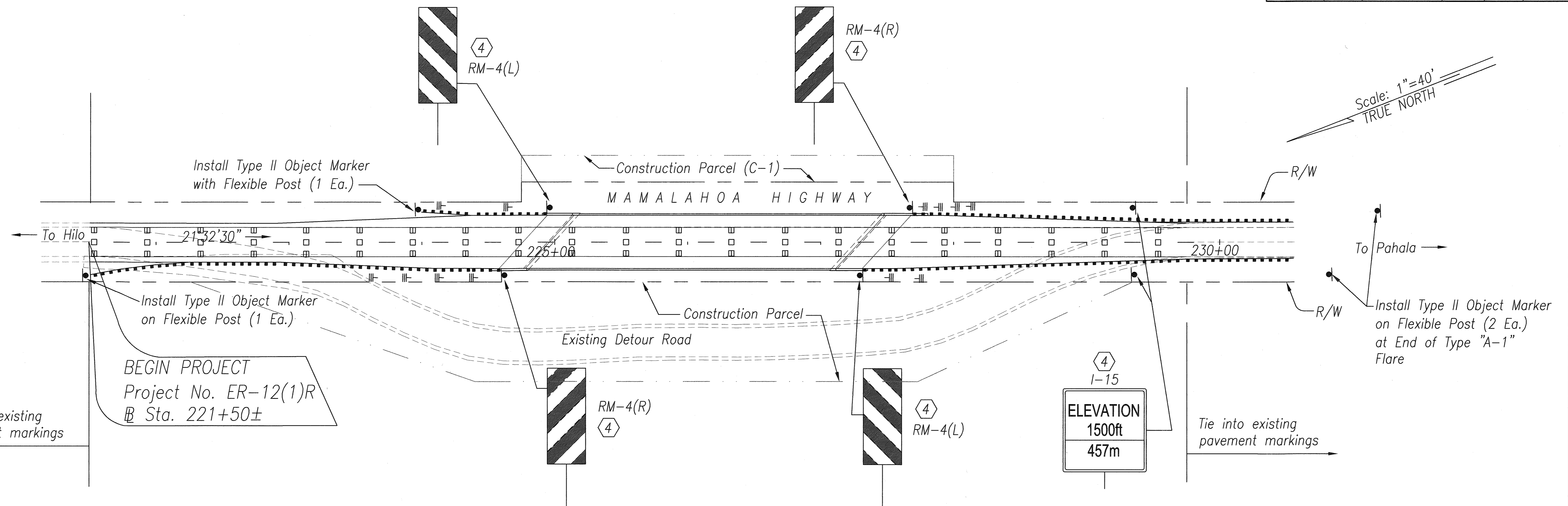
ORIGINAL PLAN	DATE
DESIGNED BY	JAN 01
NOTED BY	JAN 01
CHECKED BY	
QUANTITIES BY	
DESIGNED BY	
CHECKED BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	



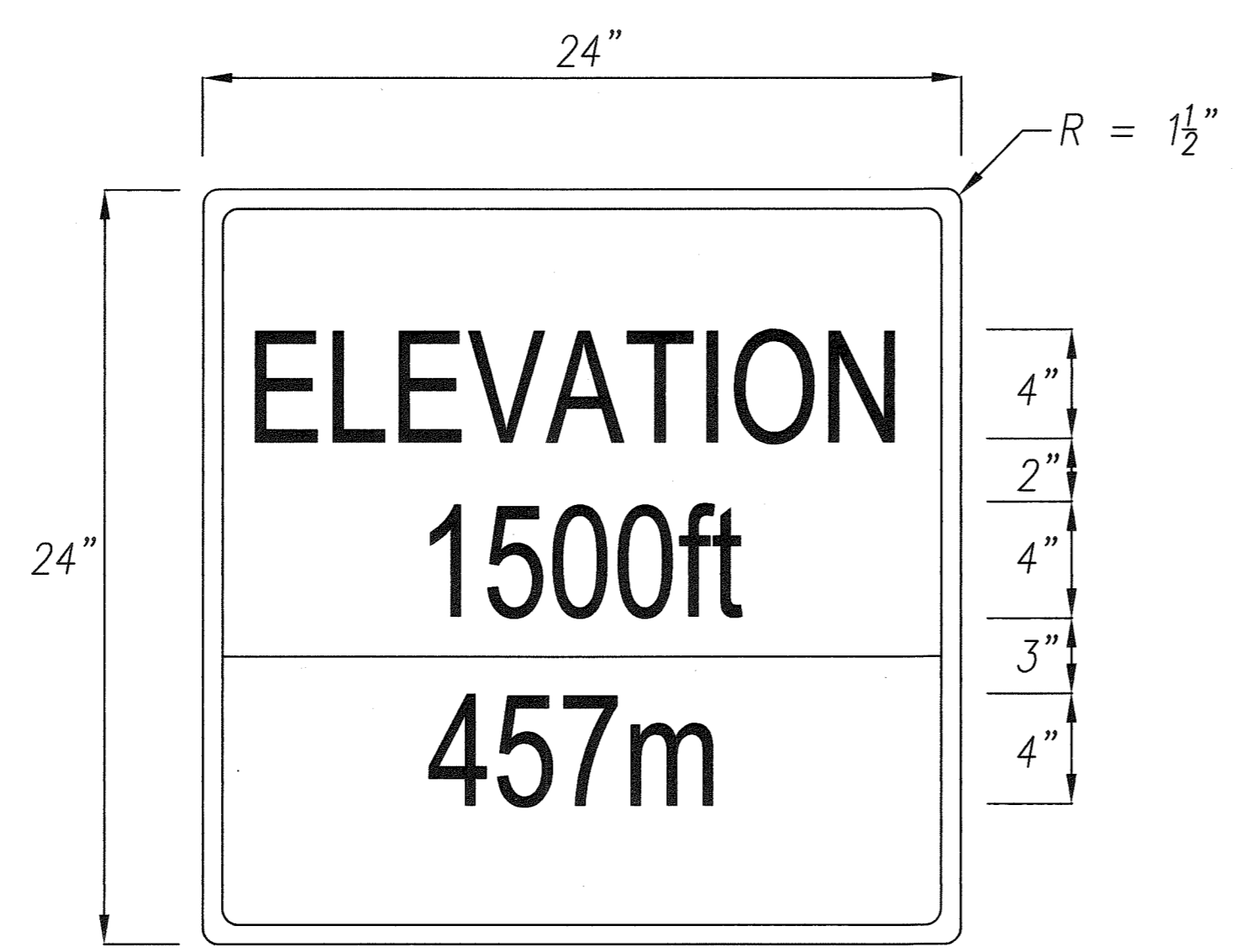
This work was prepared by me or under my supervision.

 Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PAVEMENT MARKING
LEGEND, DETAILS AND NOTES
 MAMALAOA HIGHWAY
 EMERGENCY REPLACEMENT OF
 KEAIWA STREAM BRIDGE
 Federal Aid Project No. ER-12(1)R
 Scale: As Shown Date: January 2001

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(1)R	2001	74	77

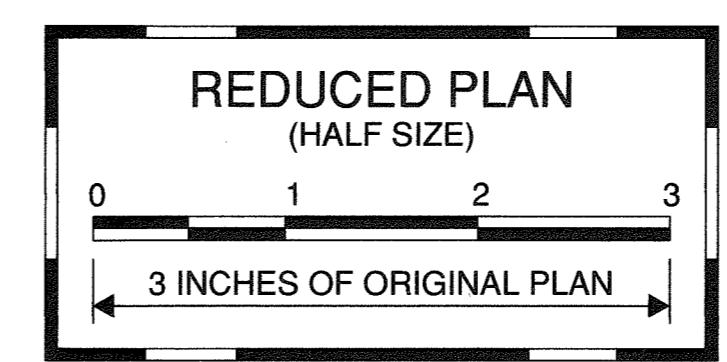


BEGIN PROJECT
Project No. ER-12(1)R
@ Sta. 221+50±



NOTE:
Sign I-15 shall have a Black Reflectorized Legend and Border on a White Reflectorized Background.

I-15 SIGN DETAIL
Not to Scale



NEAL S. FUKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6186-C
HAWAII U.S.A.
This work was prepared by me or under my supervision.
Wesley R. Segawa
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PAVEMENT MARKING AND TRAFFIC SIGNING PLAN
MAMALAHOA HIGHWAY
EMERGENCY REPLACEMENT OF KEAIIWA STREAM BRIDGE
Federal Aid Project No. ER-12(1)R
Scale: 1" = 40' Date: January 2001

SURVEY PLOTTED BY	DATE
DRAWN BY	JAN 01
TRACED BY	
DESIGNED BY	JAN 01
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No. <i>009</i>	

