

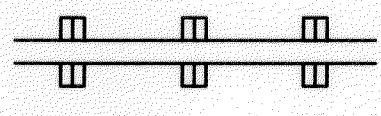
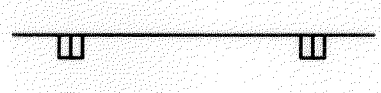




FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-02-12	2012	16	36

FINAL

## GENERAL 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. The costs shall be incidental to the various pavement marking items.
- 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.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape's manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- The Contractor shall erect advanced construction warning signs at the beginning and at the end of the project site. Construction warning signs shall be placed as indicated on the plans or as directed by the Engineer. The signs shall be kept in place for the duration of the 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 - Work Zone Traffic Control.
- 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.
- Backing for all new regulatory and warning signs shall not be spliced.
- All sign panels shall conform to Section 630, 631 and 632 of Special Provisions, DOT standard plans, and the latest editions and amendments of the following FHWA publications:
  - "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
- All new and relocated signs and markers installed on pipe posts, light standard or expressway sign posts are to be mounted with band brackets and steel braces.
- Removal of existing signs, delineators and posts, as directed by the Engineer or as shown on the plans, shall be considered incidental to the various signing items.

## LEGEND

- |   |   |
|---|---|
|  | 4" Double Solid Yellow Stripes with 2 each Type D Raised Pavement Markers @ 10'-0" o.c. |
|  | 4" White Edge Stripe with Type C Raised Pavement Markers @ 20'-0" o.c.                  |
|  | Reflector Marker (RM-2)   |
|  | RM-5 Mounted on Guardrail @ 12.5' o.c.  |
|  | Existing Sign   |
|  | New Sign and Post   |

## SIGNING NOTES:

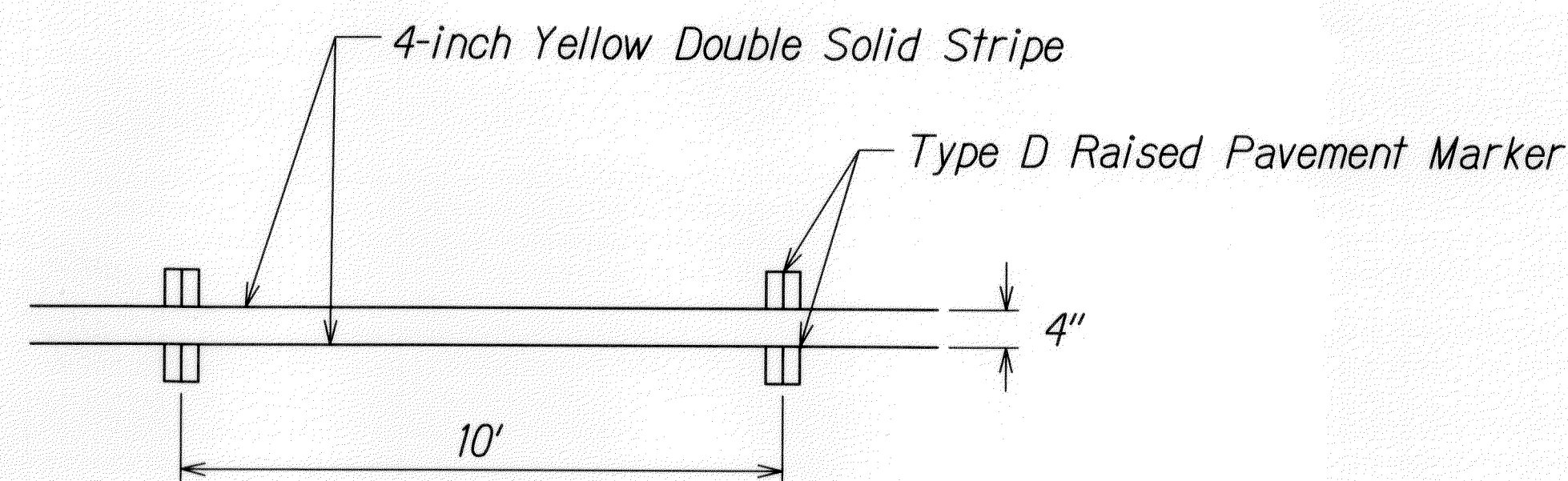
- Sign details shall conform to the latest editions and amendments of the following FHWA publications: "Manual on Uniform Traffic Control Devices for Streets and Highways", "Standard Highway Signs" and "Standard Alphabets for Highway Signs".
- For Miscellaneous Sign Details, see Standard Plan TE-01 to TE-18.
- Existing Signs to be removed shall be disposed of by the Contractor. Removal of signs shall also include the removal of post and foundation to a minimum height of 1-foot below the ground. Payment for the removal of such signs shall be incidental to the various contract items.
- The Contractor shall backfill all holes, depressions and pits left by the removal of the existing signs with embankment material.
- The cost of trimming existing vegetation for installation of signs to provide a clear view of the sign(s) shall be considered incidental to the sign(s).

## PAVEMENT MARKING NOTES:

- All pavement striping, legends and symbols shall be retroreflective thermoplastic compound pavement markings.
- Location of pavement markers is shown schematically. For exact location of markers in relation to stripe, see Standard Plans TE-26, TE-27 & TE-28.
- Removal of existing pavement markings shall be considered incidental to the various contract items.
- The Contractor shall remove all RM-2 Markers along the roadside and within the pavement area which conflict with the proposed construction.

## ABBREVIATIONS:

- RM Reflector Markers  
RPM Raised Pavement Markers

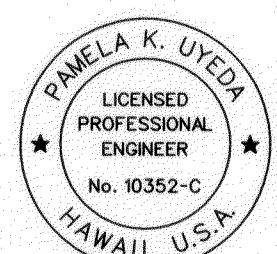


**TYPICAL DETAIL OF DOUBLE SOLID STRIPE  
WITH RAISED PAVEMENT MARKERS**

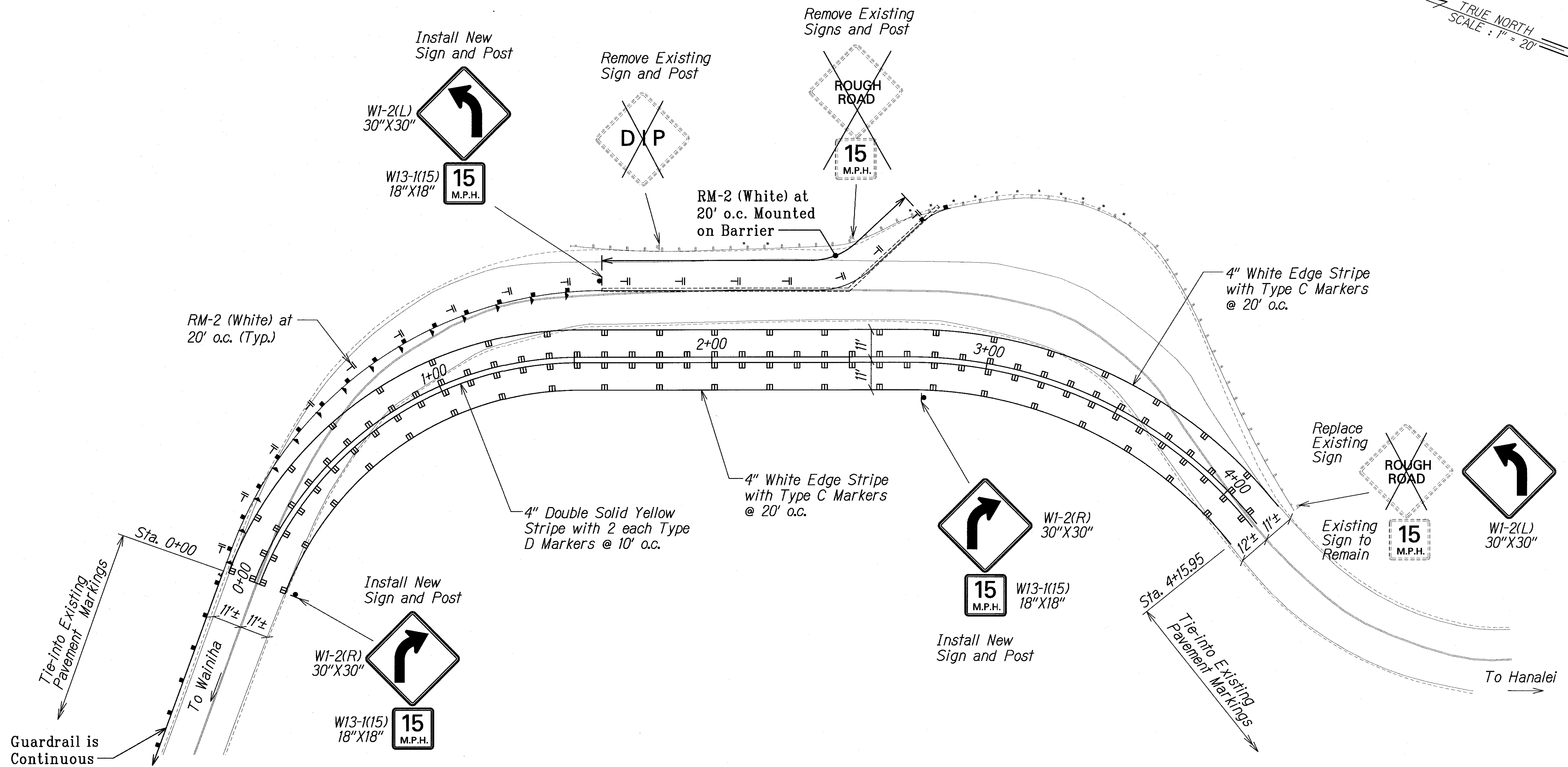
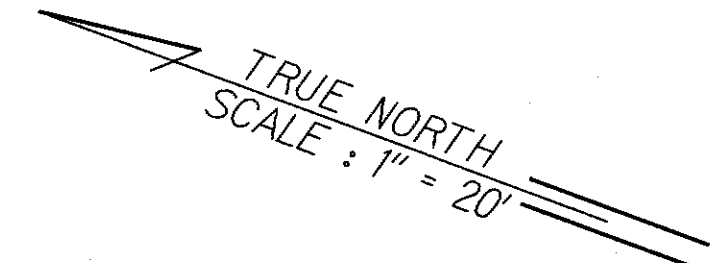
Not to Scale

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

L:\16524A Lumahai\CADD\Phase II\Sheets\signnotes.dgn

 <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</p> <p><i>P. Uyeda</i> SIGNATURE</p> <p>04/30/12 EXPIRATION DATE OF THE LICENSE</p>	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
	<b>SIGNING AND PAVEMENT MARKINGS NOTES AND LEGEND</b>
	<b>KUHIO HIGHWAY EMERGENCY SLOPE REPAIRS</b> <i>Vicinity of Lumahai</i>
	Project No. 560A-02-12 Scale: None Date: Oct. 17, 2011
	SHEET No. C5J OF 18 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-02-12	2012	C.O. 17	36



DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
DESIGNED BY	.....
QUANTITIES BY	.....
CHECKED BY	.....
ORIGINAL PLAN	.....
NOTE BOOK	.....
N.	.....

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
   
 Signature: *P. Uyeda*
  
 EXPIRATION DATE OF THE LICENSE: 04/30/12

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN**

**KUHIO HIGHWAY EMERGENCY SLOPE REPAIRS**  
 Vicinity of Lumahai  
 Project No. 560A-02-12  
 Scale: As Shown Date: Oct. 17, 2011

"AS-BUILT"

C.O. 17