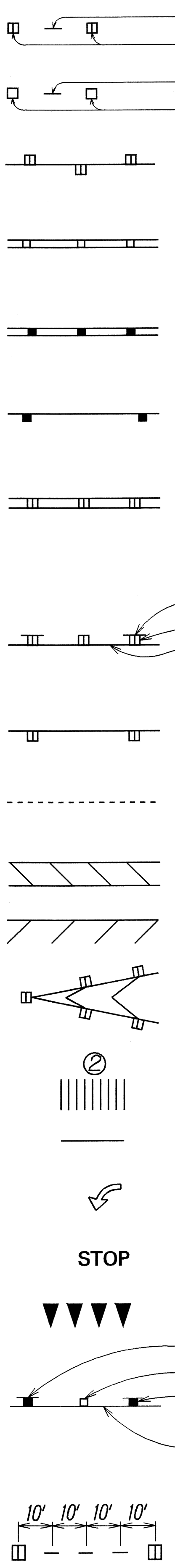


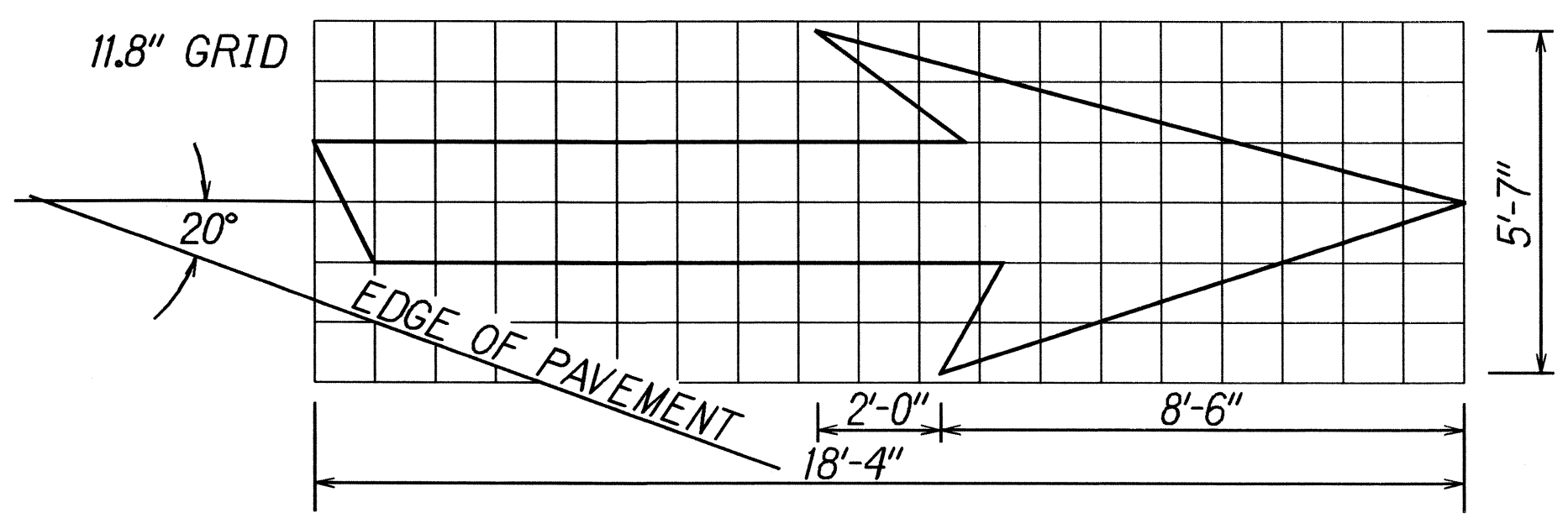
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	18	29

LEGEND

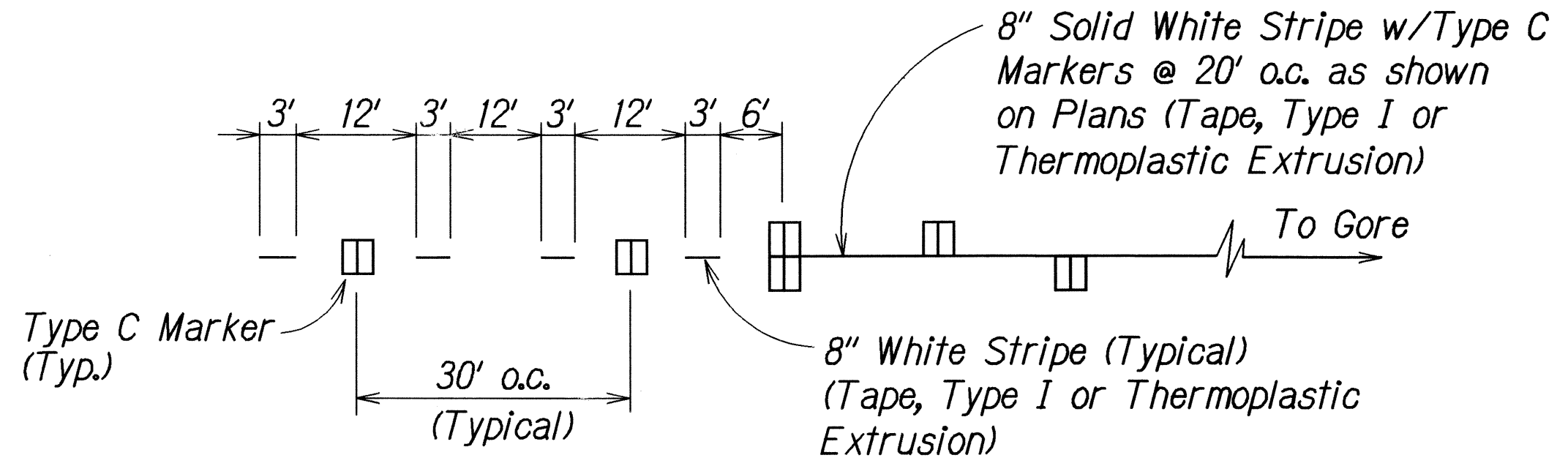
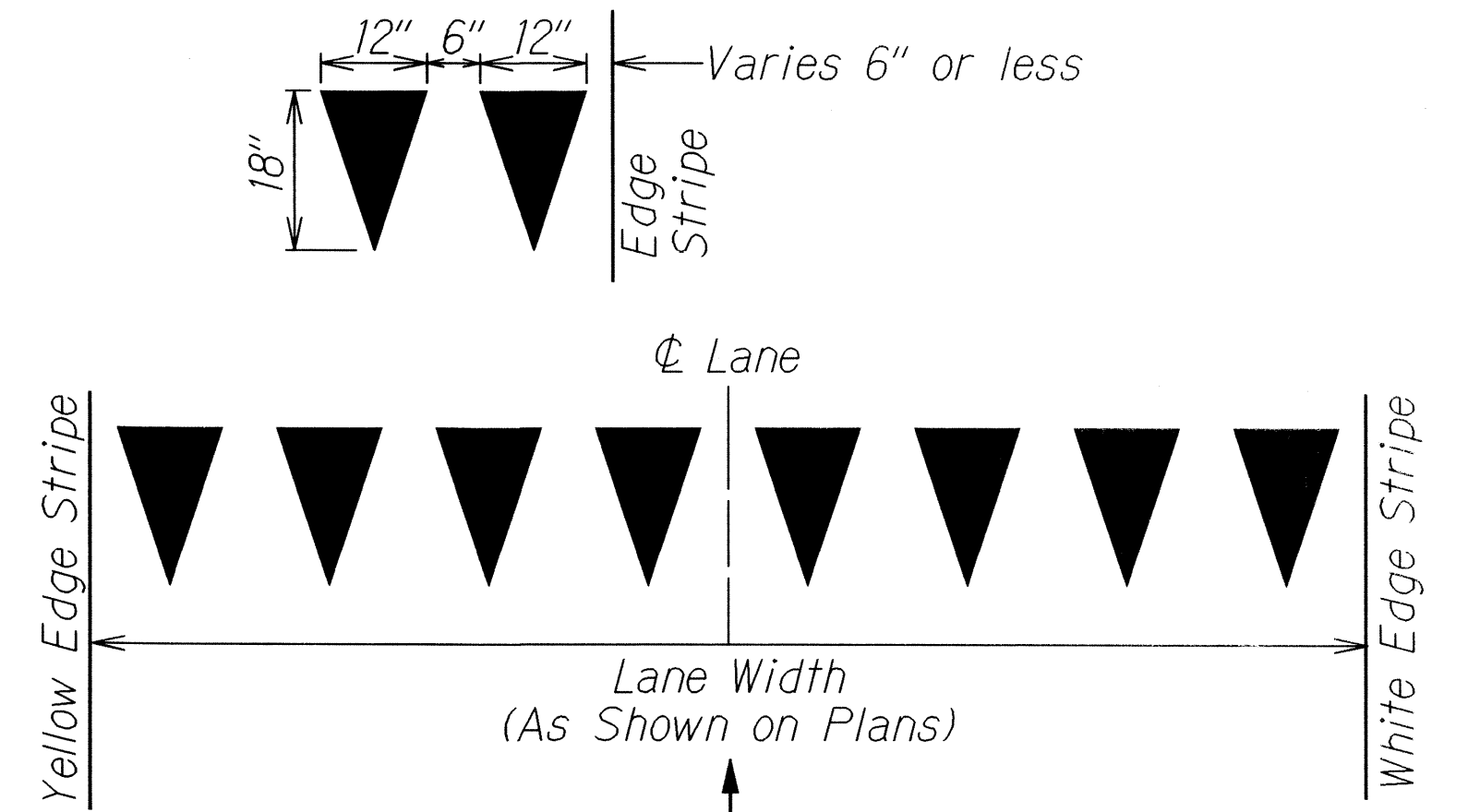
- 
 - 4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 40'-0" o.c.
 - 4 each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ 40'-0" o.c.
 - 8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
 - 4" Double Solid Yellow with Type D Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion))
 - 4" Double Solid Yellow Stripes 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 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
 - Yield
 - 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)
- | | |
|-------------------|---------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY | 3/28/08 |
| TRACED BY | |
| CHECKED BY | |
| NOTE BOOK | |
| QUANTITIES BY | |
| CHECKED BY | |
| No. | hollie |

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.
- 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 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.
- 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. Payment of this work shall be paid under Item No. 645.1000 - 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.



TYPE VI ARROW
RIGHT LANE DROP ARROW
(FOR LEFT LANE, USE MIRROR IMAGE)



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
LEGEND, DETAILS & NOTES**

VOLCANO ROAD
Pavement Preventive Maintenance Outbound Lanes
Kea'au Bypass Road to Panaewa Bridge
Project No. 11N-01-07M

Scale: As Noted Date: May 2008

SHEET No. 11 OF 12 SHEETS

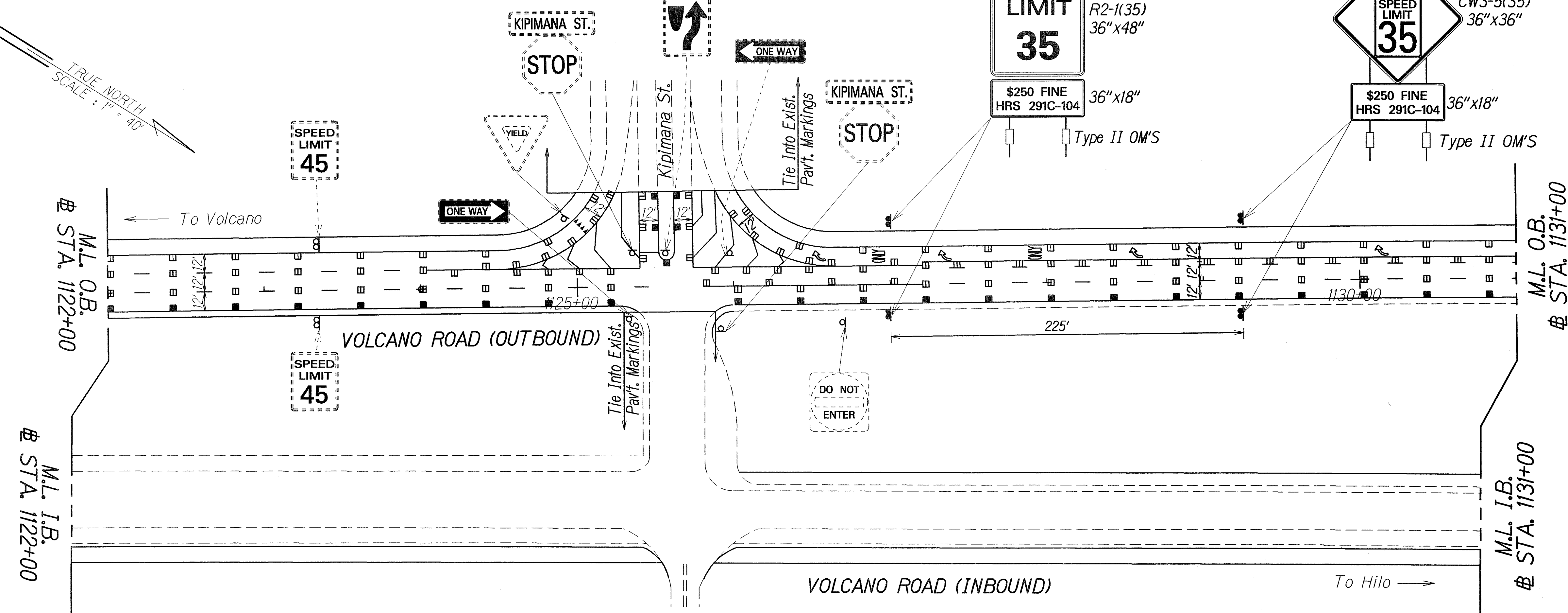
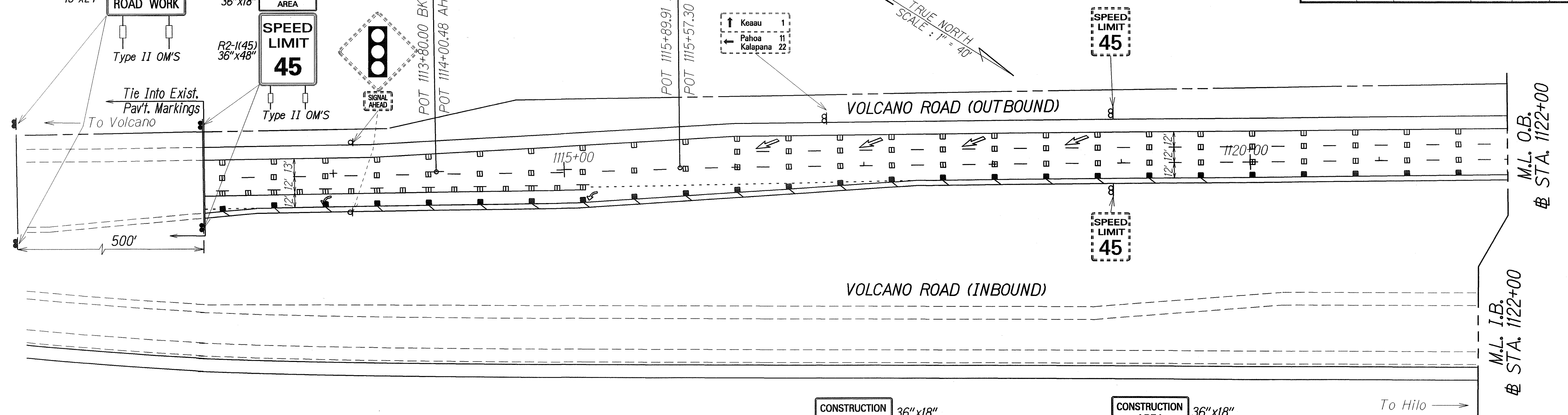
CG20-2A
48" x 24"

END
ROAD WORK

36" x 18"
END

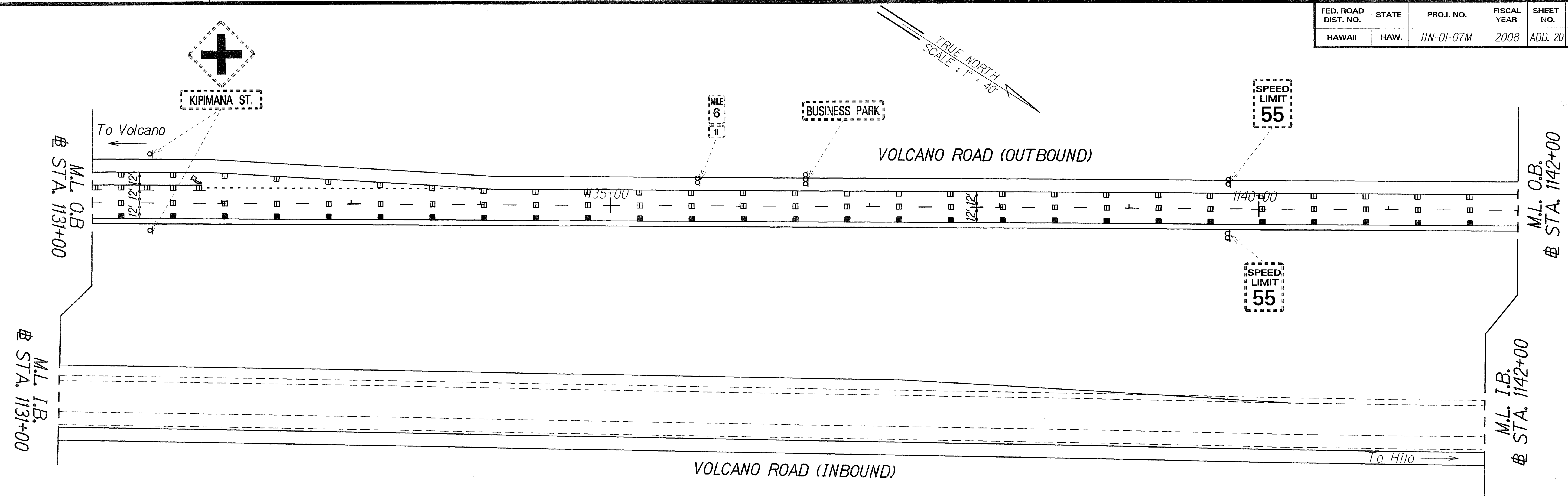
36" x 18"
CONSTRUCTION

BK
AH

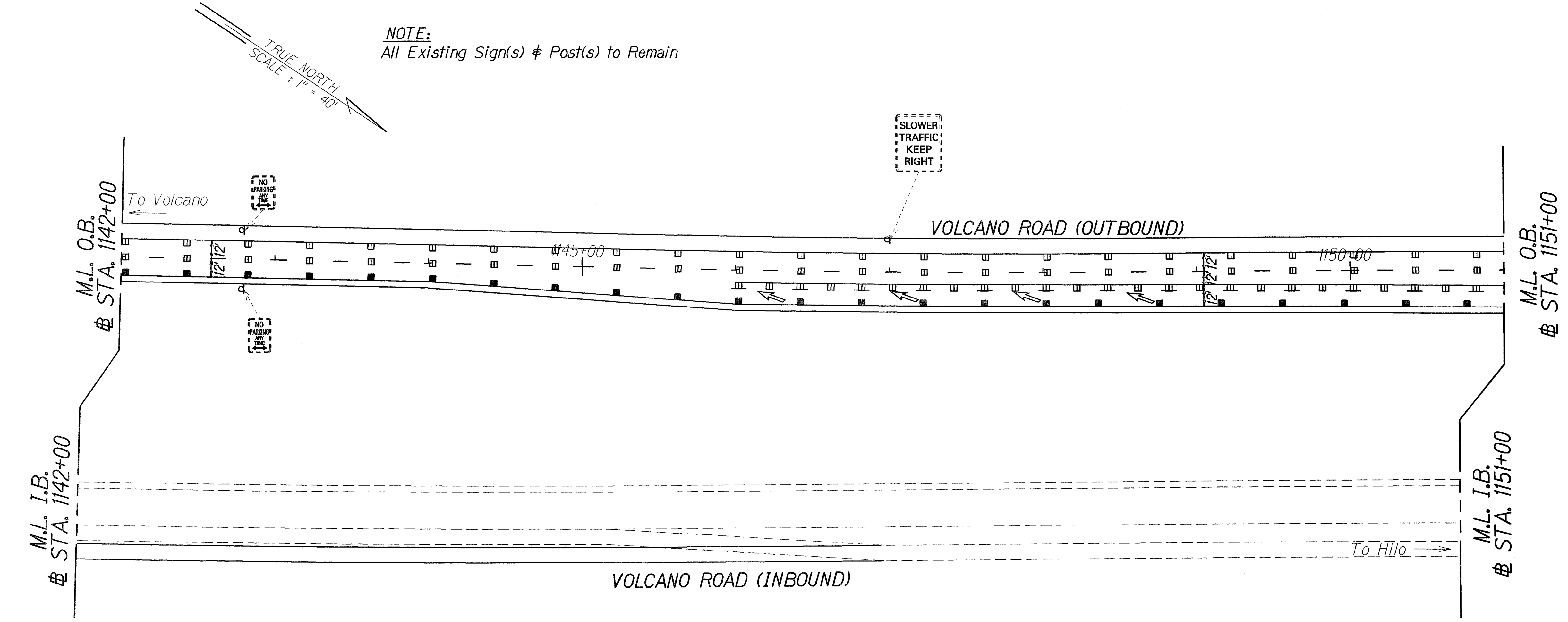


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PAVEMENT MARKING \$
SIGNING PLAN
VOLCANO ROAD
Pavement Preventive Maintenance Outbound Lanes
Kea'au Bypass Road to Panaewa Bridge
Project No. 11N-01-07M
Scale: 1" = 40' Date: May 2008
SHEET NO. T2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 20	29



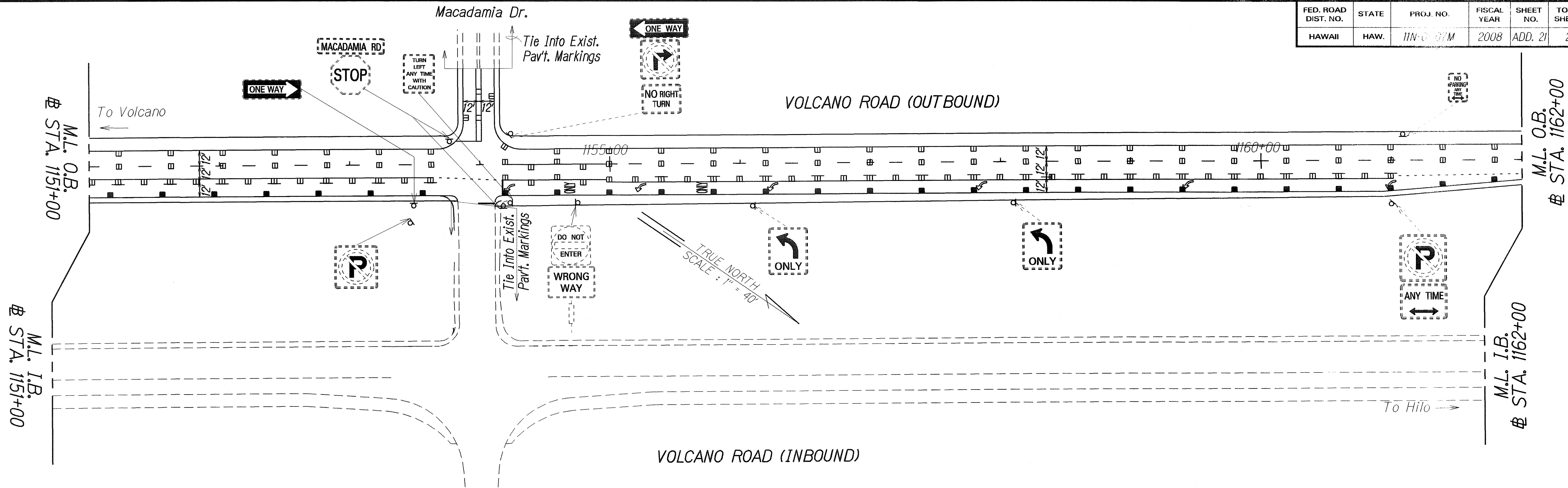
NOTE:
All Existing Sign(s) & Post(s) to Remain



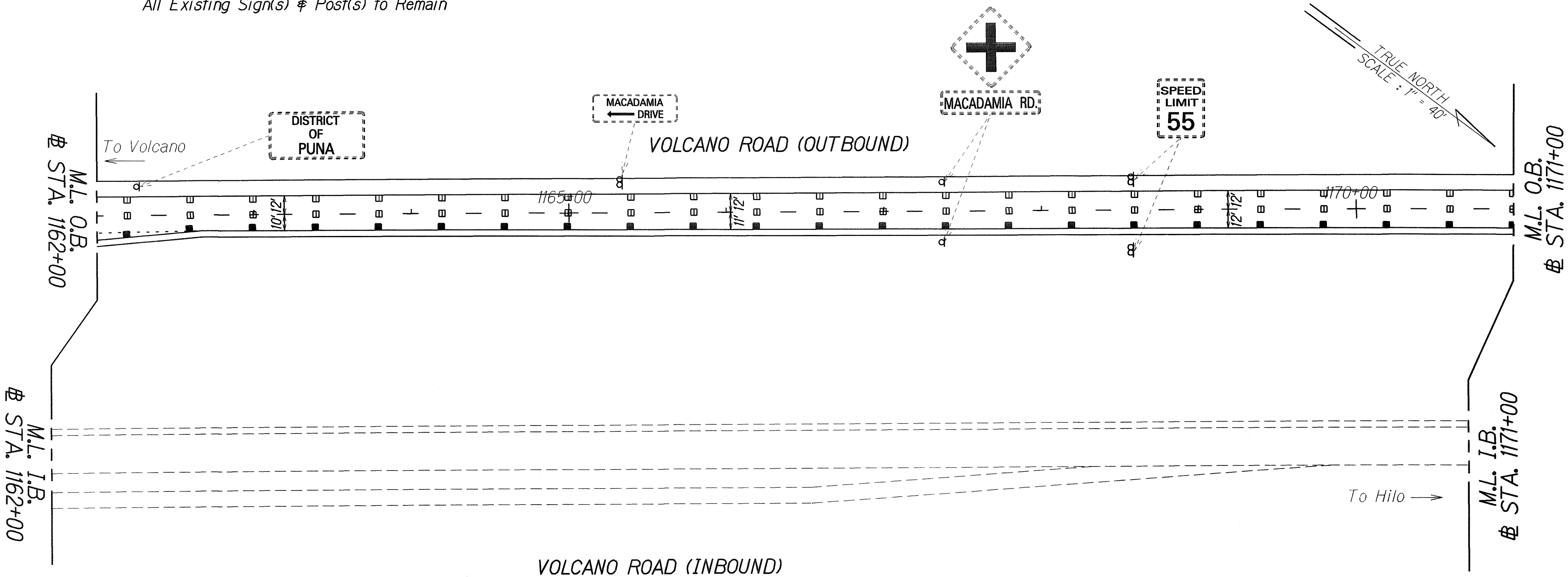
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

6/10/08	Revise Pavement Marking and Striping
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PAVEMENT MARKING & SIGNING PLAN VOLCANO ROAD Pavement Preventive Maintenance Outbound Lanes Kea'au Bypass Road to Panaewa Bridge Project No. 11N-01-07M Scale: 1" = 40' Date: May 2008	
SHEET No. T3 OF 12 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 21	29



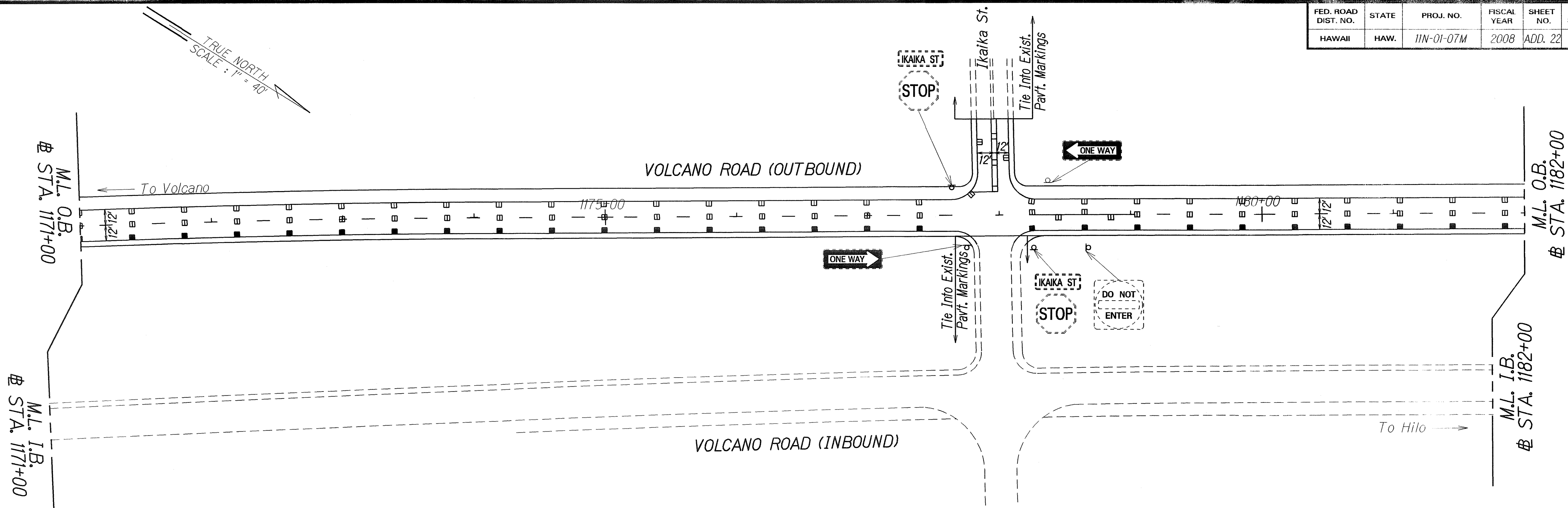
NOTE:
All Existing Sign(s) & Post(s) to Remain



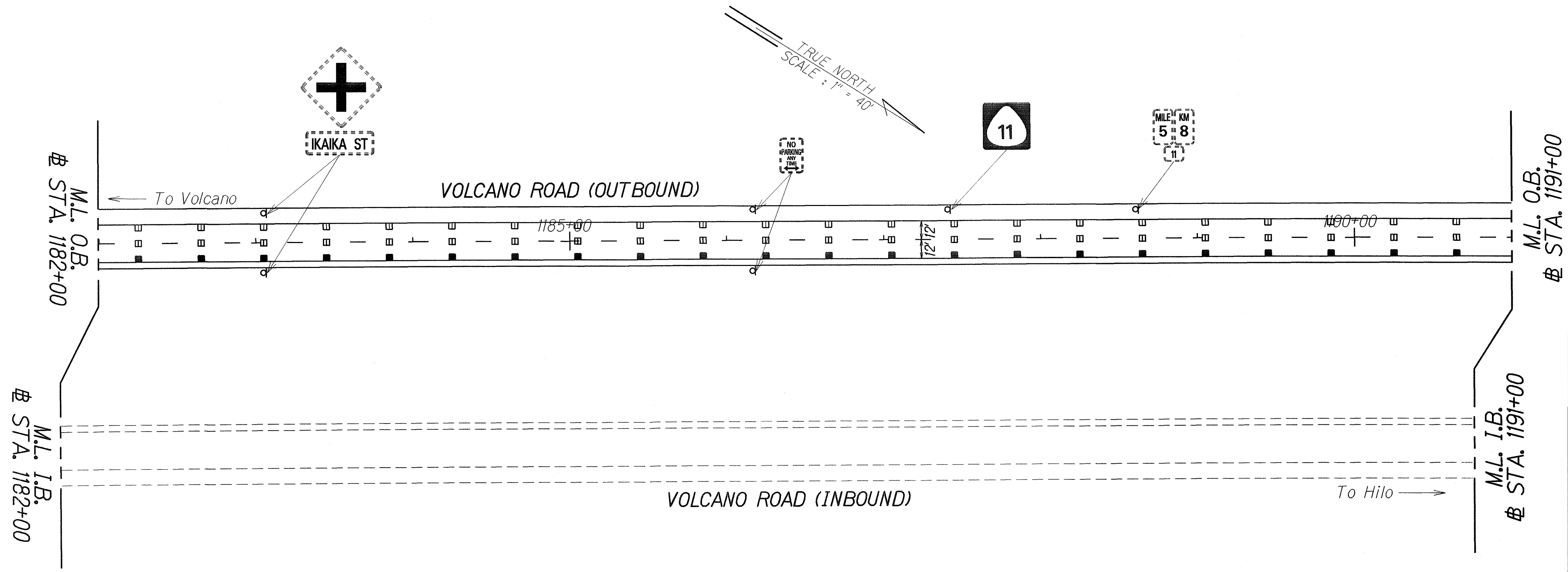
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
REVISIONS	

6/10/08	Revise Pavement Marking and Striping
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PAVEMENT MARKING & SIGNING PLAN VOLCANO ROAD Pavement Preventive Maintenance Outbound Lanes Kea'au Bypass Road to Panaewa Bridge Project No. 11N-01-07M Scale: 1" = 40' Date: May 2008	
SHEET No. T4 OF 12 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 22	29



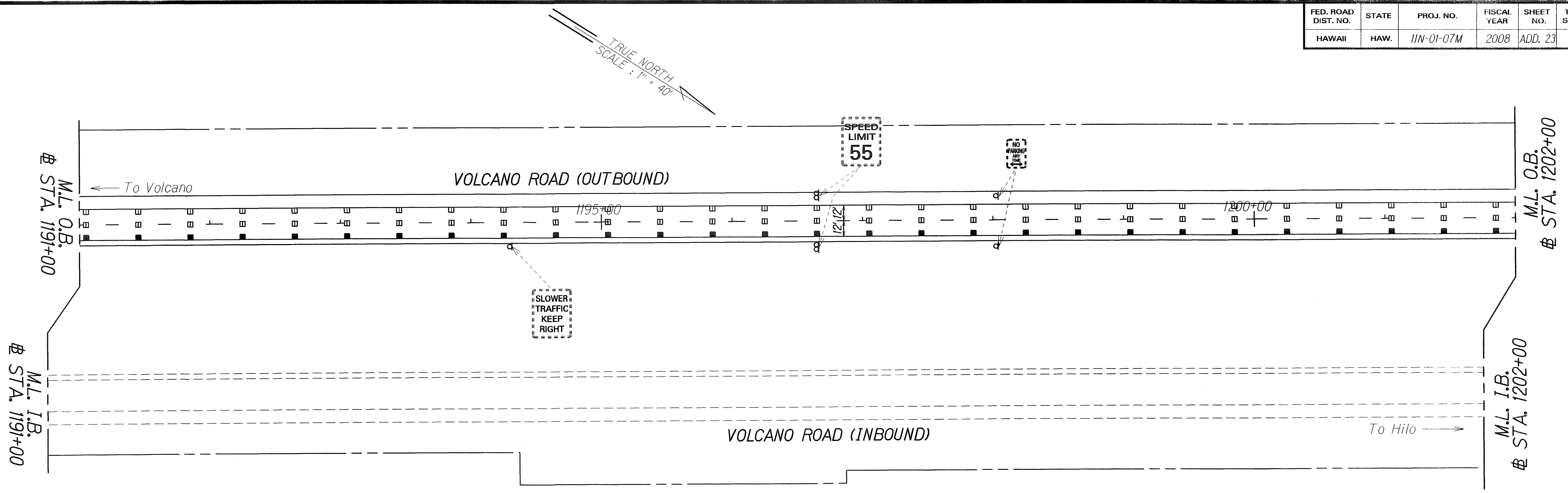
NOTE:
All Existing Sign(s) & Post(s) to Remain



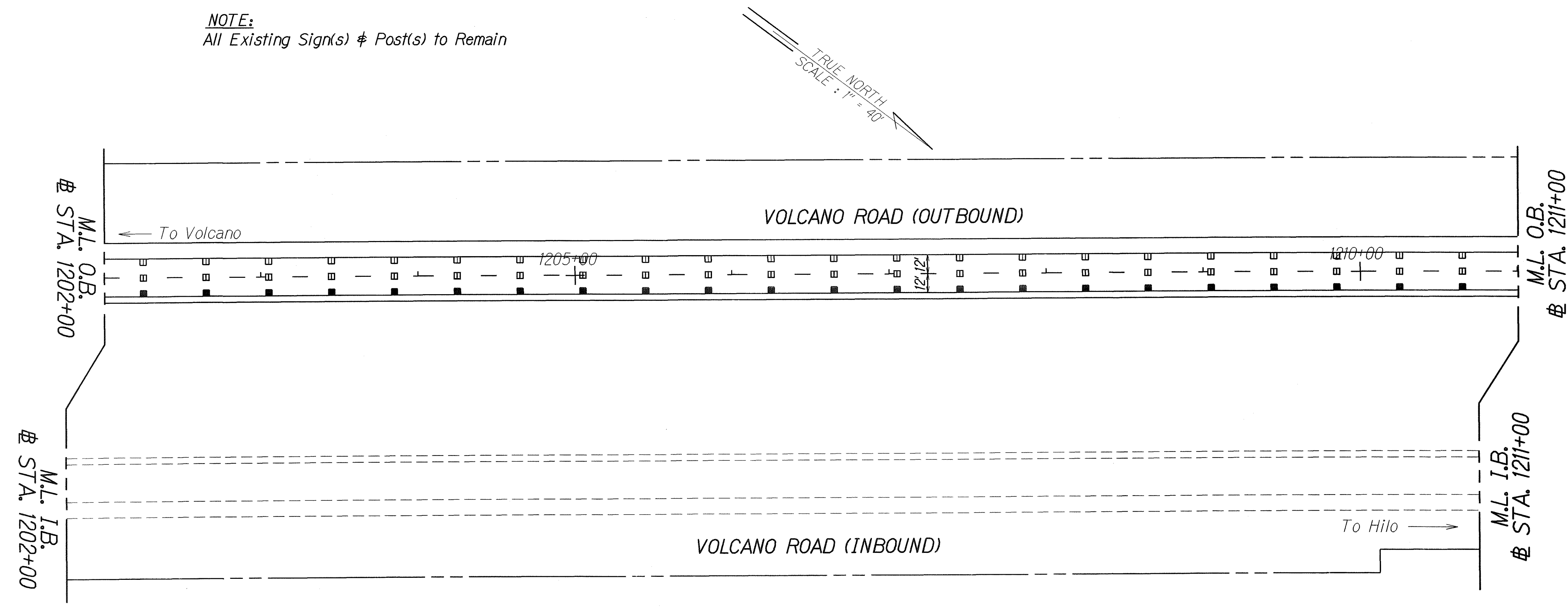
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
10/2/08	TRACED BY	
11/1/08	CHECKED BY	
	QUANTITIES BY	

6/10/08	Revise Pavement Marking and Striping
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PAVEMENT MARKING & SIGNING PLAN VOLCANO ROAD Pavement Preventive Maintenance Outbound Lanes Kea'au Bypass Road to Panaewa Bridge Project No. 11N-01-07M Scale: 1" = 40' Date: May 2008	
SHEET No. 75 OF 12 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 23	29



NOTE:
All Existing Sign(s) & Post(s) to Remain



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

6/10/08	Revise Pavement Marking and Striping
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

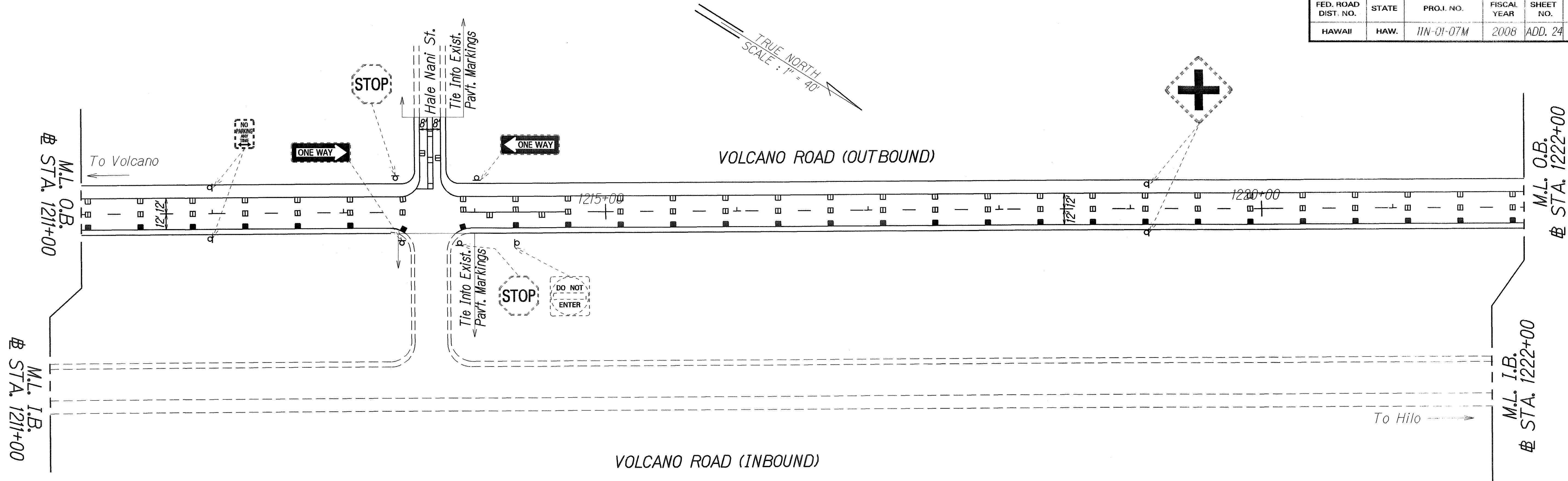
PAVEMENT MARKING & SIGNING PLAN

VOLCANO ROAD

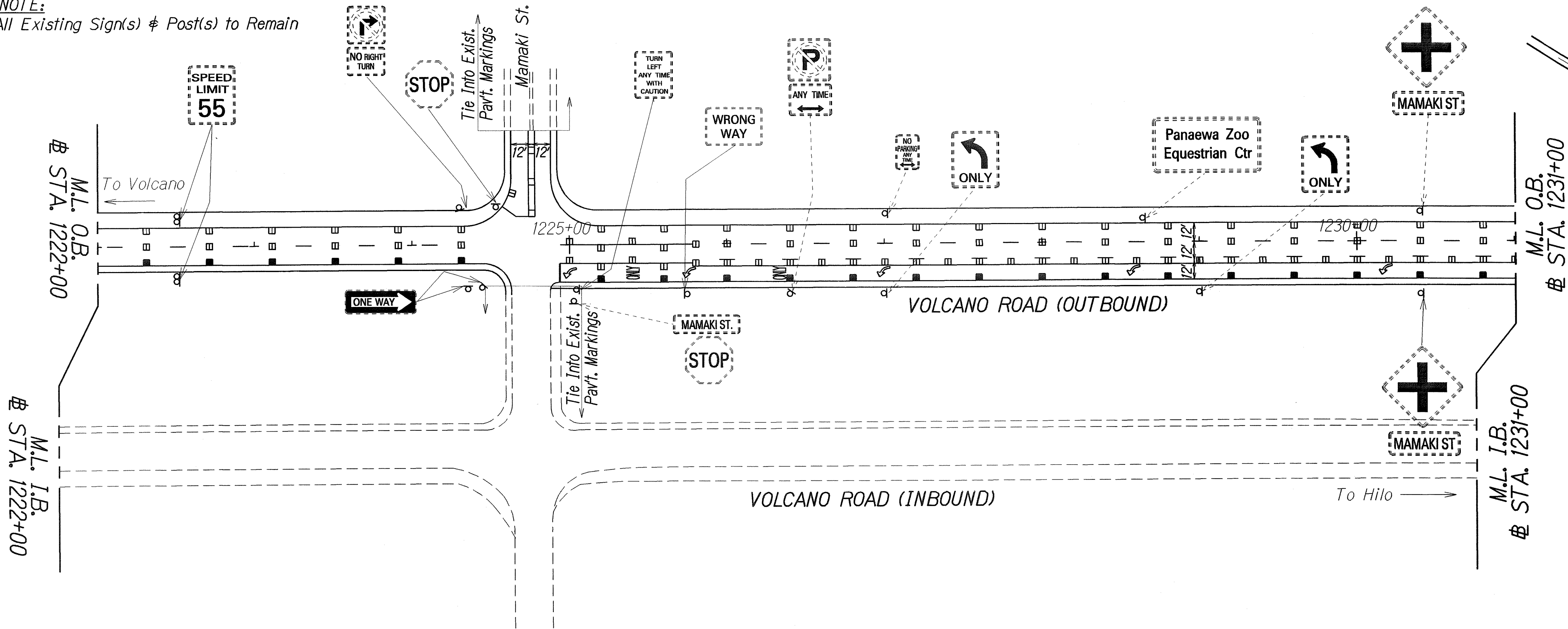
*Pavement Preventive Maintenance Outbound Lanes
Kea'au Bypass Road to Panaewa Bridge
Project No. 11N-01-07M*

Scale: 1" = 40' Date: May 2008

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 24	29



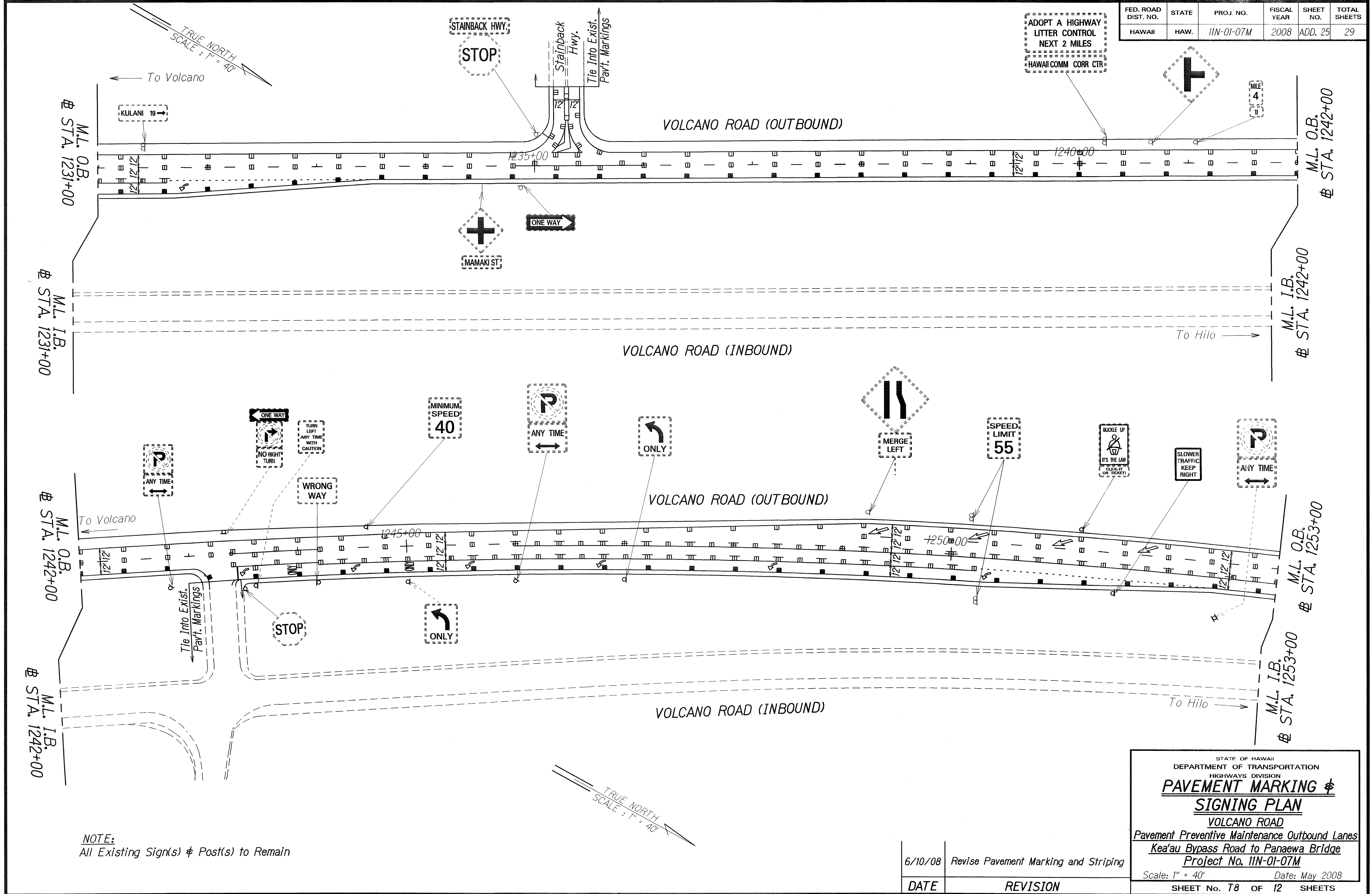
NOTE:
All Existing Sign(s) & Post(s) to Remain



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BOOK	DRAWN BY	
12/20/06	DESIGNED BY	
hdtg	CHECKED BY	

6/10/08	Revise Pavement Marking and Striping
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PAVEMENT MARKING & SIGNING PLAN VOLCANO ROAD Pavement Preventive Maintenance Outbound Lanes Kea'au Bypass Road to Panaewa Bridge Project No. 11N-01-07M Scale: 1" = 40' Date: May 2008	
SHEET No. T7 OF 12 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 25	29



NOTE:
All Existing Sign(s) & Post(s) to Remain

DATE	____
SURVEY PLOTTED BY	____
DRAWN BY	____
DESIGNED BY	____
CHECKED BY	____
ORIGINAL PLAN	____
NOTES BOOK	____
DATE	____
BY	____

6/10/08	Revise Pavement Marking and Striping
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

VOLCANO ROAD

Pavement Preventive Maintenance Outbound Lanes

Kea'au Bypass Road to Panaewa Bridge

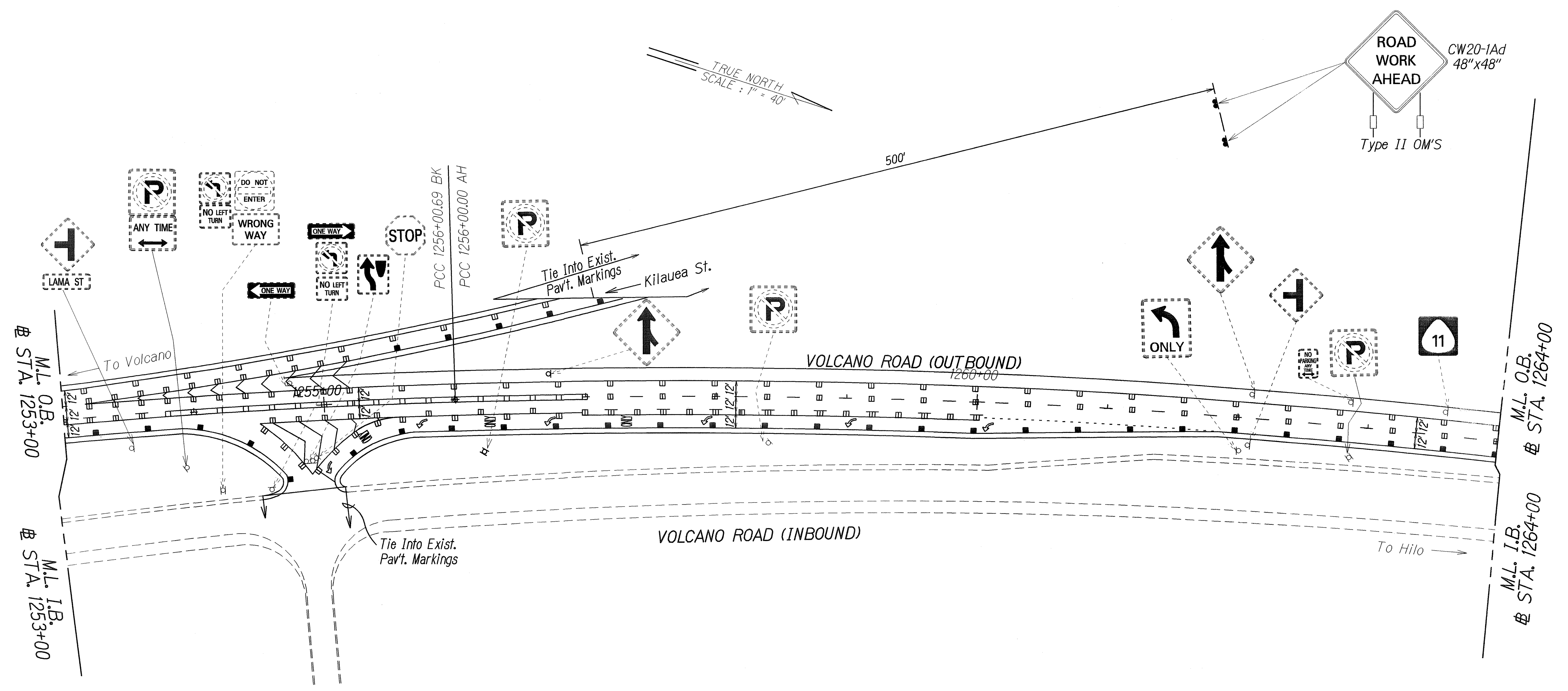
Project No. 11N-01-07M

Scale: 1" = 40'

Date: May 2008

SHEET No. T8 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 26	29

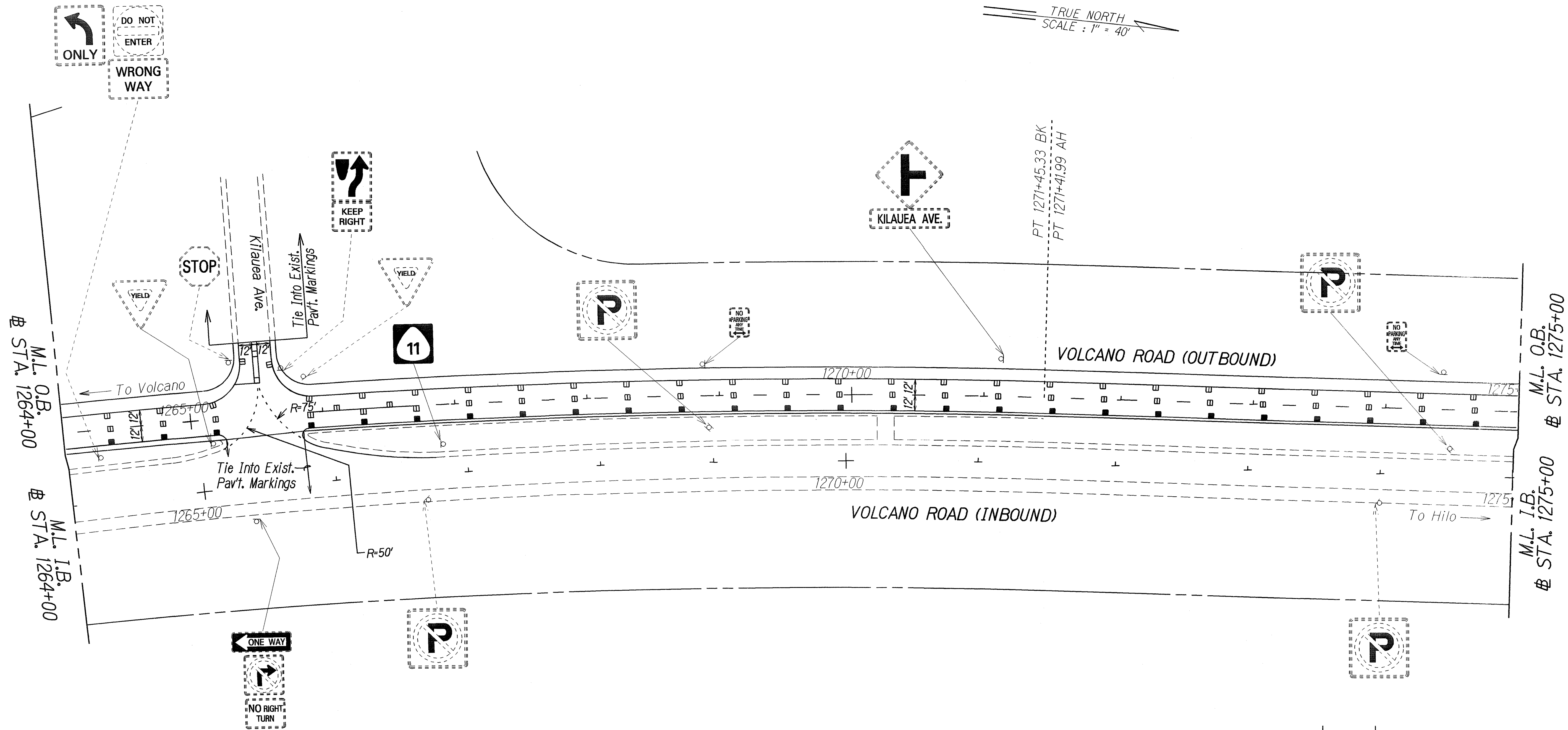


NOTE:
All Existing Sign(s) & Post(s) to Remain

ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	

6/10/08	Revise Pavement Marking and Striping
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PAVEMENT MARKING & SIGNING PLAN VOLCANO ROAD Pavement Preventive Maintenance Outbound Lanes Kea'au Bypass Road to Panaewa Bridge Project No. 11N-01-07M Scale: 1" = 40' Date: May 2008	
SHEET No. 79 OF 12 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 27	29



NOTE:
All Existing Sign(s) & Post(s) to Remain

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY		
CHECKED BY		
IN CHARGE		

6/10/08 Revise Pavement Marking and Striping

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

VOLCANO ROAD

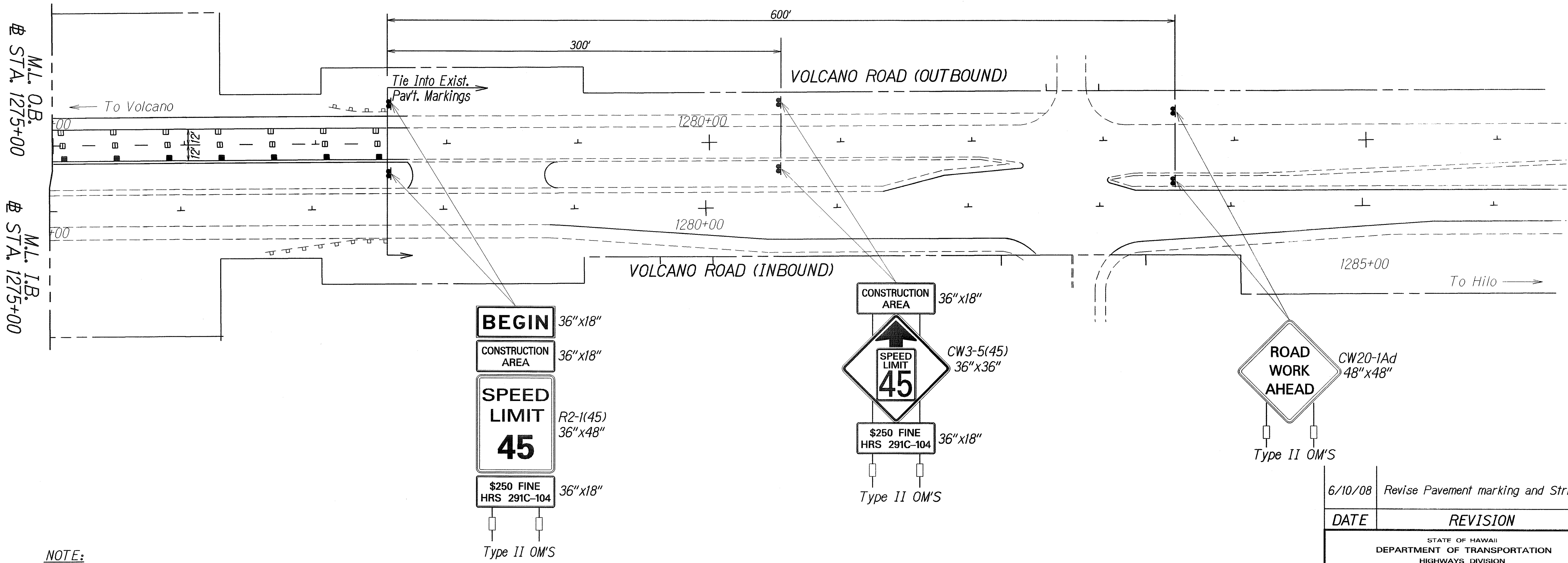
Pavement Preventive Maintenance Outbound Lanes
Kea'au Bypass Road to Panaewa Bridge
Project No. 11N-01-07M

Scale: 1" = 40' Date: May 2008

SHEET No. T10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-07M	2008	ADD. 28	29

TRUE NORTH
SCALE : 1" = 40'



NOTE:
All Existing Sign(s) & Post(s) to Remain

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DRIVEN BY	
CHECKED BY	NOTED BY	

6/10/08	Revise Pavement marking and Striping
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PAVEMENT MARKING & SIGNING PLAN VOLCANO ROAD Pavement Preventive Maintenance Outbound Lanes Kea'au Bypass Road to Panaewa Bridge Project No. 11N-01-07M Scale: 1" = 40' Date: May 2008	
SHEET No. 111 OF 12 SHEETS	