

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0560(016)	2022	17	34

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

1. Only Traffic Control Plans for major construction activities are shown. The Contractor shall develop his own Traffic Control Plans in accordance with Section 645 of the Special Provisions for activities to complete work not covered by the Traffic Control Plans. The Contractor shall submit the Traffic Control Plans to the Engineer for approval. This work is included and paid under Pay Item 645.1000 - Traffic Control- Hanalei Bridge Repair.

2. The Contractor shall make minor adjustments to fit field conditions with approval of the Engineer.

3. Cones or delineators shall be extended to a point where they are visible to approaching traffic.

4. Traffic control devices shall be installed such that the sign or device farthest from the work area shall be placed first. The others shall then be placed progressively toward the work area.

5. Flaggers and/or police officers shall be in sight of each other or in direct communications at all times.

6. Sign spacings (L), taper lengths (T), and spacings of cones or delineators shall be as shown in Table 645-I of Section 645 in the Specifications, unless otherwise noted on HDOT's Traffic Control Plans.

7. All traffic lanes shall be minimum of 10 feet wide.

8. All signs shall be promptly removed or covered whenever the message is not applicable or not in use.

9. The backs of all signs for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces).

10. At the end of each day's work or as soon as the work is completed, the Contractor shall remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation.

11. Existing conflicting pavement markings shall be removed and temporary pavement markings shall be installed before traffic patterns are changed.

12. The locations of pavement markings, signs, and delineators used in the Traffic Control shall be as shown on the plans, Contractor's approved Traffic Control Plans, and/or as determined in the field by the Engineer.

13. Damage to signs, temporary pavement markers, and delineators caused by the public or Contractor's negligence shall be repaired or replaced by the Contractor at the Contractor's expense.

14. Signs for night work shall be retroreflective and shall be mounted with a Type B high intensity flasher. The flasher shall be considered incidental to Pay Item 645.1000 - Traffic Control-Hanalei Bridge Repair.
15. Steel plates for covering trenches shall have a skid resistant surface. The skid resistant surface shall be maintained throughout its use. Steel plates shall be installed in such a manner as to minimize movement from its intended location and minimize noise when traffic crosses over it (i.e., steel plates shall not generate any noise impact). Payment for steel plates shall be considered incidental to the various contract items. Steel plates will not be allowed in the travelway for posted speeds in excess of 35 mph.

16. The Contractor shall limit the extent of trench and excavation work for pavement reconstruction to an area that can be satisfactorily backfilled in one work day.

17. Work zone limits shown for each traffic control phase encompass all work items to be completed in that particular phase. The length of the work zone may be reduced to accommodate the Contractor's actual work zone for that time period, provided it has been accepted by the Engineer, and all tangents, tapers, and buffer lengths are maintained.

18. The Contractor will be restricted to lane closures as specified in Special Provision Section 645.

19. All temporary signs shall be marked on their back side with the Contractor's name and the project number.

20. All Type II Barricades and Positive Barriers shall include one Steady Burn Warning Light. Payment shall be considered incidental to Pay Item 645.1000 - Traffic Control - Hanalei Bridge Repair.

LEGEND:

- Work Area
- Traffic Cones
- Flagman
- Sign
- Direction of Traffic
- Positive Protection Barrier
- Terminal Impact Attenuator
- Temporary Portable Traffic Signal
- Portable Message Board
- Type II Barricade

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

Signature: *Gerald D. Andrade*

4/30/24

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TRAFFIC CONTROL NOTES

KUHIO HIGHWAY  
Hanalei Bridge Repair  
FAP Proj. No. BR-0560(016)

Scale: None

Date: July 2022

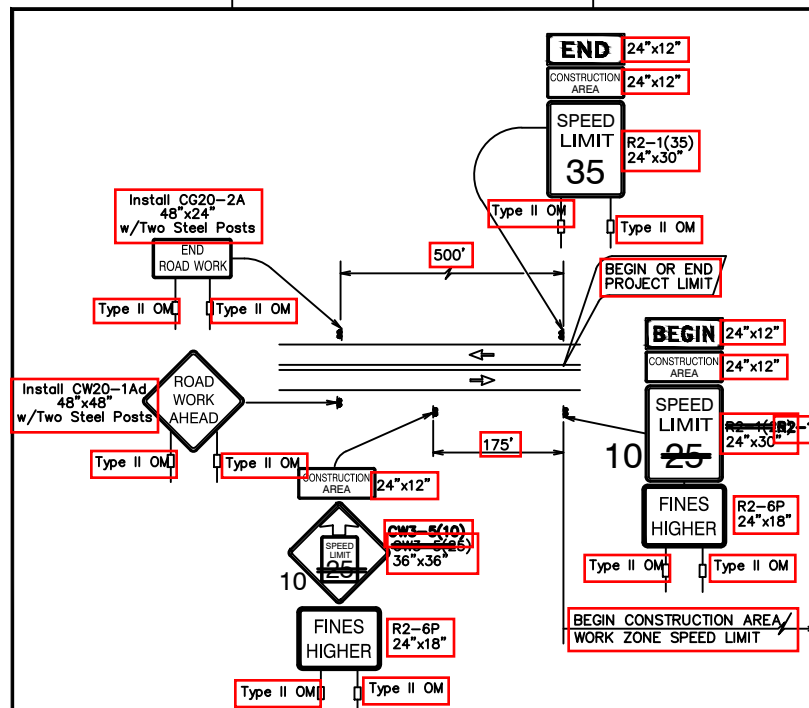
SHEET No. TC-1 OF 3 SHEETS

17

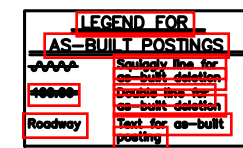
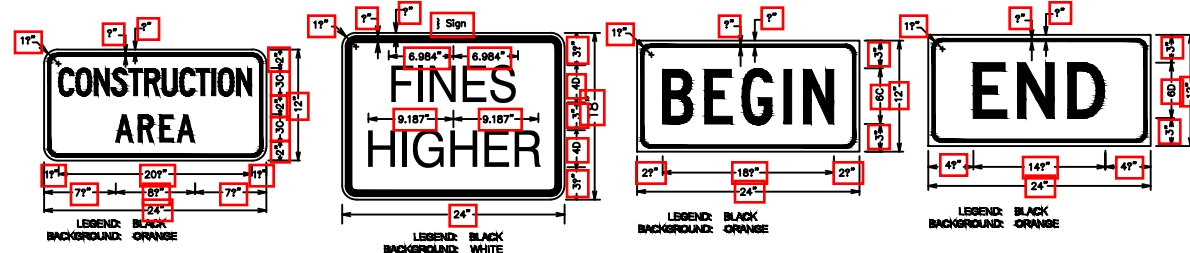
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	MASS	BR-0560(016)	2022	18	34

#### Work Zone Notes:

1. This Work Zone Sign Plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 646 of the Special Provisions.
2. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(25) and CW3-5(25) with "CONSTRUCTION AREA" and R2-6P "FINES HIGHER" Supplemental Signs).
3. Construction sign assemblies shall be installed on both the approaching and trailing ends of each work zone as shown on this plan.
4. Each construction warning sign and work zone speed limit assembly shall have a minimum of two (2) Type II OM. Installation of each Type II OM shall be considered incidental to Item No. 645.1000 - Traffic Control.
5. Upon the completion of all physical work or as directed by the Engineer, all construction signs and work zone speed limit assemblies shall be removed. All speed limit signs and posts that were existing at the start of the project within the work zone/project limits shall be restored back to their original locations and configurations. Dates, times, locations and description of work for each sign location shall be provided to the engineer in writing.
6. Placement of construction signs shall not obstruct the path of pedestrians and bicyclists.
7. The removal and restoration of existing regulatory speed limit signs shall be considered incidental to Item No. 645.1000 - Traffic Control.



TYPICAL DETAIL FOR CONSTRUCTION SIGNS  
ON TWO LANE OR MULTILANE UNDIVIDED LOW SPEED HIGHWAY



STATE OF MASSACHUSETTS  
DEPARTMENT OF TRANSPORTATION  
REGISTRATION DIVISION

**LOW SPEED UNDIVIDED HIGHWAY  
WORK ZONE SIGNING PLAN, NOTES & DETAILS**

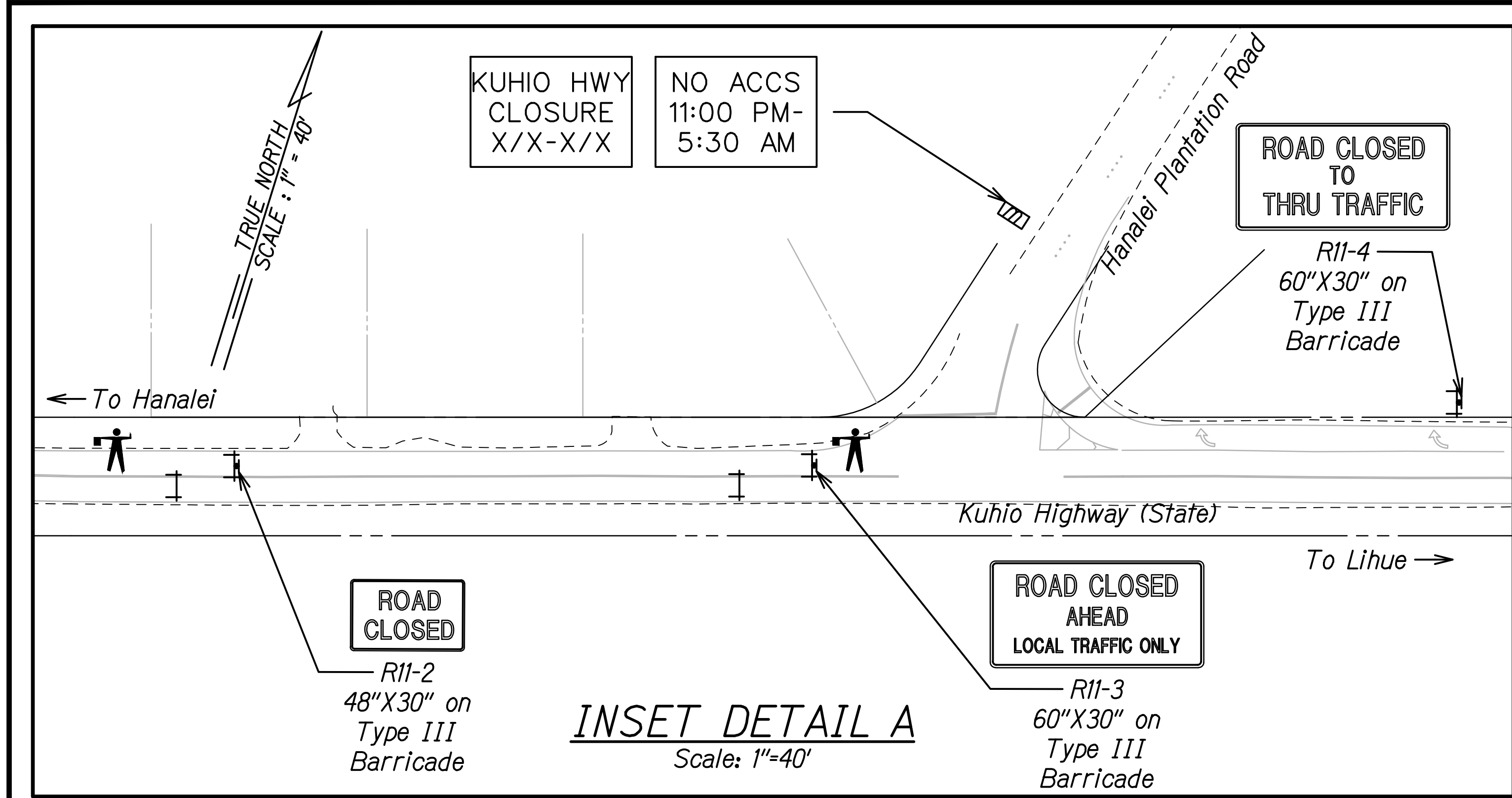
PROJECT: **WALTON HIGHWAY**  
LOCATION: **Walton Bridge Repair**  
FAP Proj. No. **BR-0560(016)**

Scale: **Not to Scale** Date: **July 2022**

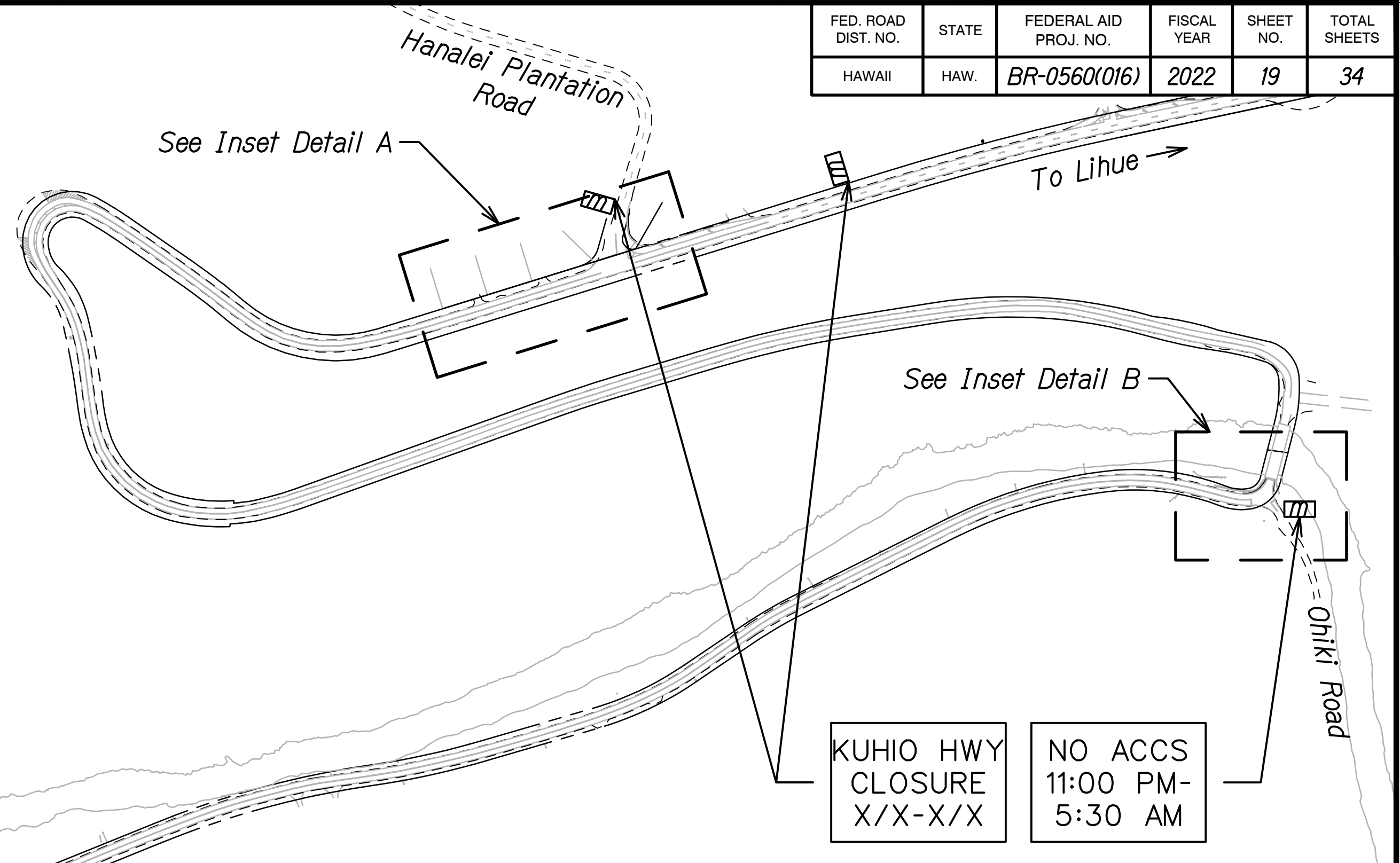
SHEET No. **TC-2** OF **13** SHEETS



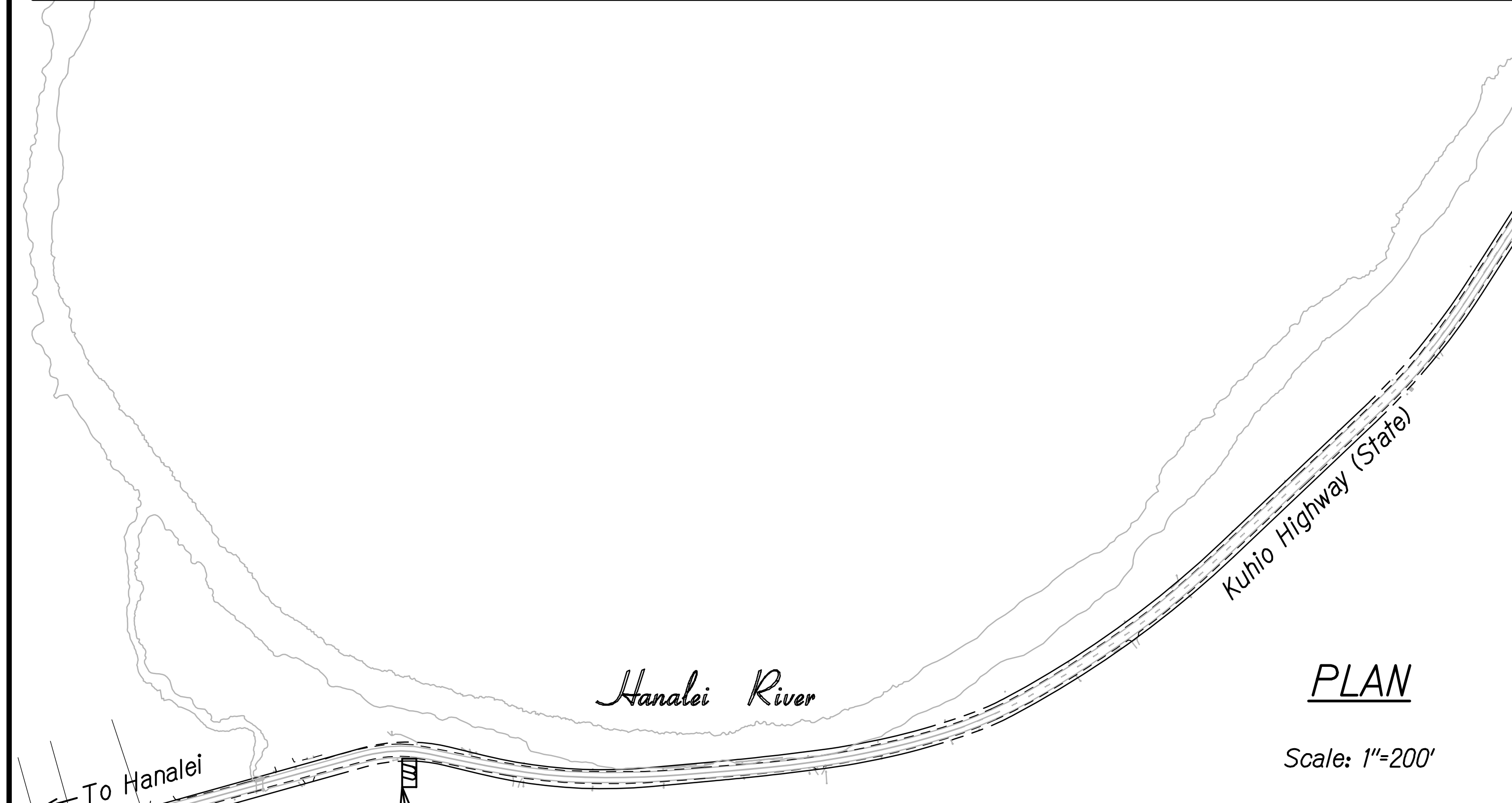
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0560(016)	2022	19	34



**INSET DETAIL A**  
Scale: 1"=40'



**INSET DETAIL B**  
Scale: 1"=40'



**PLAN**

Scale: 1"=200'

**NOTE:**  
The Contractor shall provide and maintain portable message boards that display advanced closure dates and times. The boards shall be operational 24 hours a day three (3) days prior to the first highway closure. Boards shall remain for the duration of the nighttime full highway closure.

- LEGEND**
- Portable Message Board
  - Type III Barricade
  - Sign
  - Flagman

Signature: *Gerald D. Andrade*  
4/30/24  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**  
**ROADWAY FULL CLOSURE**

**KUHIO HIGHWAY**  
**Hanalei Bridge Repair**  
**FAP Proj. No. BR-0560(016)**

Scale: As Shown

Date: July 2022

SHEET No. TC-3 OF 3 SHEETS

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