


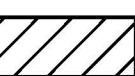





GENERAL NOTES FOR TRAFFIC CONTROL PLAN

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-23(001)	2021	103	109

LEGEND:

-  Flashing Arrow Sign
-  Sign
-  Existing Sign
-  Work Area
-  Direction of Traffic
-  Type III Barricade (48" wide) with steady burn amber lamps.
-  Cones with Retroreflective bands (All cones in work area shall be 28" high).

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. Payment for development and implementation of the Traffic Control Plans shall be included in Pay Item 645.1000 Traffic Control.

2. All lane closures and traffic pattern changes (detours) not shown on the plan shall be submitted to the Engineer for approval in accordance with Specifications Section 645-Traffic Control. For restrictions on lane closures, detours, construction work during peak hours, and other requirements regarding maintaining vehicular and pedestrian traffic, see Section 107.13 - Public Convenience and Safety, and Section 645-Traffic Control.

3. The Contractor shall make minor adjustments at intersections, driveways, bridges, structures, etc. to fit field conditions.

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

5. 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.

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

7. Sign spacings (L), taper lengths (T), and spacings of cones or delineators shall be as shown in Table 1 of Section 645 in the Specifications, unless otherwise noted on HDOT's Traffic Control Plans.

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

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

10. 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).

11. 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.

12. Replace permanent pavement markings and traffic signs upon completion of each phase of work. Temporary pavement markings and traffic signs shall be used in the interim.

13. Existing conflicting pavement markings shall be removed and temporary pavement markings shall be installed before traffic patterns are changed. After completion of the work, temporary pavement markings shall be removed. Payment for removal of existing pavement markings; and furnishing, installing, and removal of temporary pavement markings, whether or not shown on the Traffic Control Plans shall be considered incidental to the various contract items.
14. 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.

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

16. The Contractor shall provide sand bags or other accepted weights for the Type III Barricades, when used. The Contractor shall provide steady burn amber lamps during hours of darkness. The lamps shall be attached on the Type III Barricade and closest to the traveled way. The lamp should be visible to the motorist. Payment for Type III Barricades with amber lamps shall be included in Pay Item 645.1000 Traffic Control. Type III barricades shall not be stored in the clear zone.

17. Signs for night work shall be retroreflective and shall be mounted with a Type B high intensity flasher. The flasher shall be included in Pay Item No. 645.1000 Traffic Control.

18. 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). When multiple steel plates are used, they shall be welded together. Steel plates shall be installed so that it will take AASHTO HL-93 Loading. Payment for steel plates shall be included in Pay Item 645.1000 Traffic Control. Steel plates will not be allowed in the travelway for posted speeds in excess of 35 mph.


19. 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.

20. 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.

21. The Contractor is responsible for providing all sign supports and/or posts for construction warning signs.

22. The Contractor shall coordinate traffic control with adjacent construction projects. Payment for coordination shall be included in Pay Item 645.1000 Traffic Control. If traffic control conflicts arise between projects, the Engineer will determine priorities.

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



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OR UNDER MY SUPERVISION.

SIGNATURE: *Gerald D. Andrade* EXPIRATION DATE OF THE LICENSE: 04/30/22

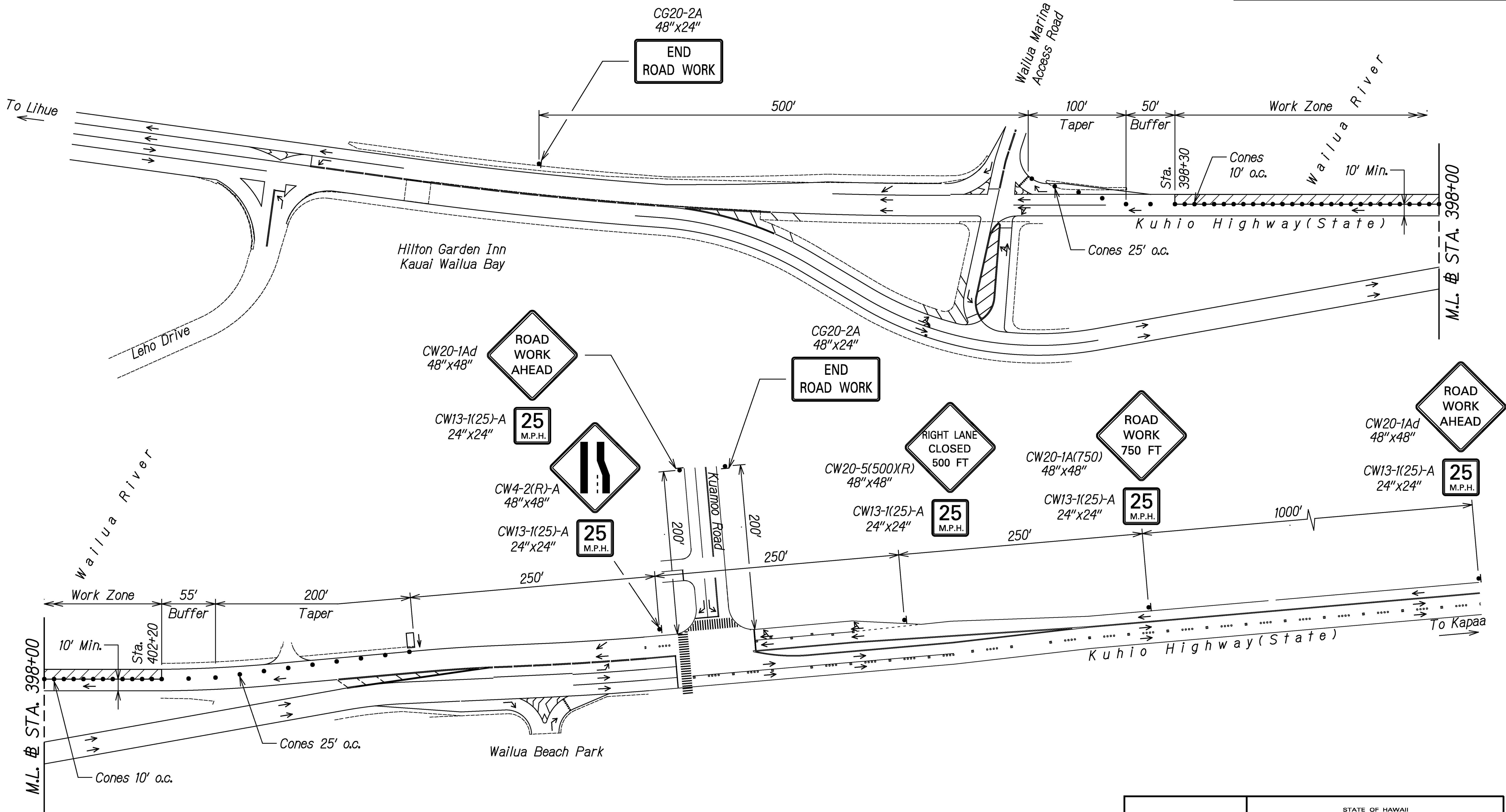
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TRAFFIC CONTROL NOTES
AND LEGEND**

KUHIO HIGHWAY
Repairs to Wailua River Bridge
Fed. Aid Project No. ER-23(001)

Scale: None Date: Apr. 2021

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-23(001)	2021	105	109



DESIGNED BY	DATE
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DATE	

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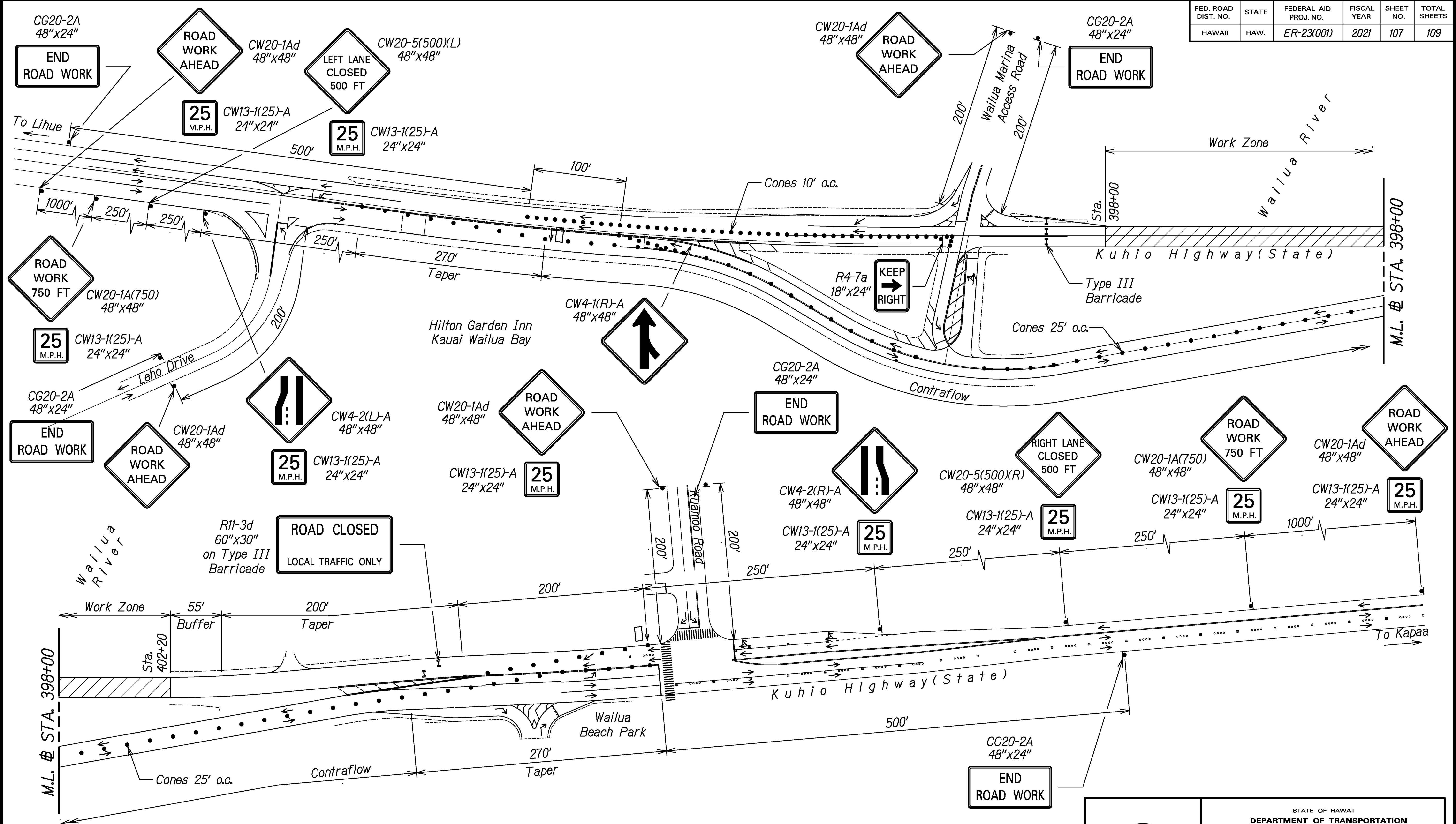
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
PHASE 1

KUHIO HIGHWAY
Repairs to Wailua River Bridge
Fed. Aid Project No. ER-23(001)

Scale: 1"=50' Date: Apr. 2021

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-23(001)	2021	107	109



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN
PHASE 3**

KUHIO HIGHWAY
Repairs to Wailua River Bridge
Fed. Aid Project No. ER-23(001)

Scale: 1"=50' Date: Apr. 2021

