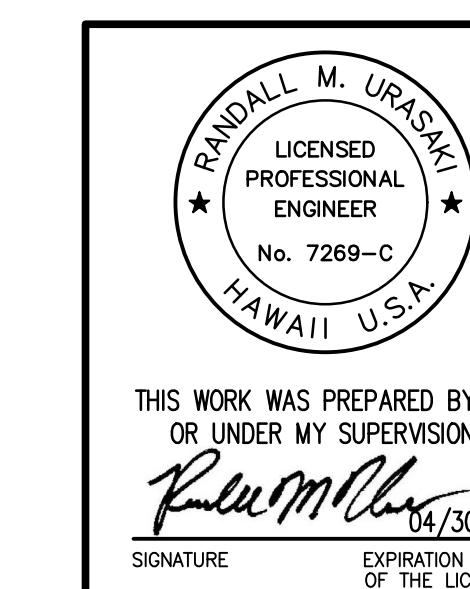


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	68	295

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

1. The permittee shall make minor adjustments at intersections, driveways, bridges, structures, etc. to fit field conditions.
2. Cones or delineators shall be extended to a point where they are visible to approaching traffic.
3. 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.
4. Regulatory and warning signs within the construction zone that are in conflict with the traffic control plans shall be removed or covered. All signs shall be restored upon completion of the work.
5. Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
6. When required by the issuing office, the permittee shall install a flashing arrow signal as shown on the traffic control plans.
7. Sign spacings (D), taper lengths (L), longitudinal buffer space (B), and spacing of cones or delineators shall be as shown in Table 645-I of Standard Specification 645 unless otherwise noted on the traffic control plans.
8. All traffic lanes shall be a minimum of 10 feet wide.
9. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
10. The backs of all signs used for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e. when the signs have messages on both faces) whenever the message is not applicable or not in use.
11. At the end of each day's work or as soon as the work is completed, the permittee 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.
13. Police officers/flaggers shall be present at all times.
14. All workers within the State R/W who are exposed to either vehicles using the roadway or to construction equipment shall wear high visibility safety apparel that meets the performance class 2 or 3 requirements of ANSI/ISEA 107-2004. "Workers" are defined as people on foot whose duties place them within the road right-of-way, such as, but not limited to construction and maintenance forces, equipment operators, survey crew, utility crew, responders to incidents (e.g. EMT and firemen), and law enforcement personnel directing traffic, investigating accidents, handling lane closures and roadway construction.
15. All traffic control devices shall be reflectorized when used at night. Cones shall be equipped with reflectorized collar when used at night. Flashing lights shall be used with barricades and steady burn lights when used in a series for channelization. Flagger stations shall be adequately illuminated at night.
16. The Contractor shall make every effort to minimize the use and duration of use of steel plates. All steel plates shall have a non-skid surfacing. The State may require the backfilling and patching of the trench due to the excessive use of steel plates.
17. The Contractor shall provide an adequate non-slip bridging material, including shoring over trenches in pavement areas. The bridging shall be able to support all types of vehicular and pedestrian traffic.
18. The Contractor shall be responsible for all traffic control plans that deviate from those provided. The Contractor shall submit traffic control plans to the Engineer for acceptance. Payment for preparing plans and implementation of accepted traffic control shall be included in Pay Item 645.1000 Traffic Control.

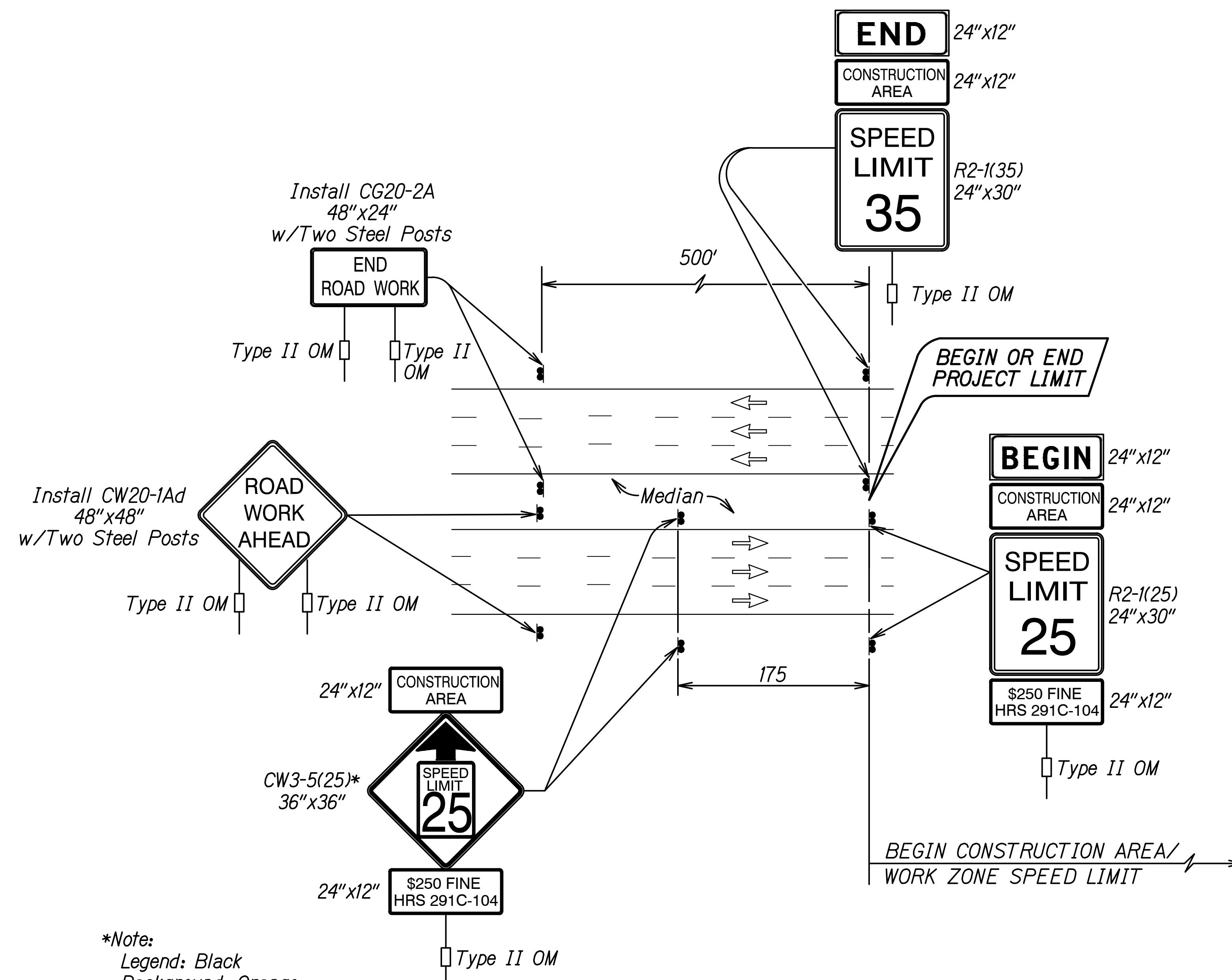
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NOTE BOOK	DESIGNED BY	
QUANTITIES BY		
CHECKED BY		
None		



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Randall M. Urasaki
04/30/22
SIGNATURE EXPIRATION DATE OF THE LICENSE

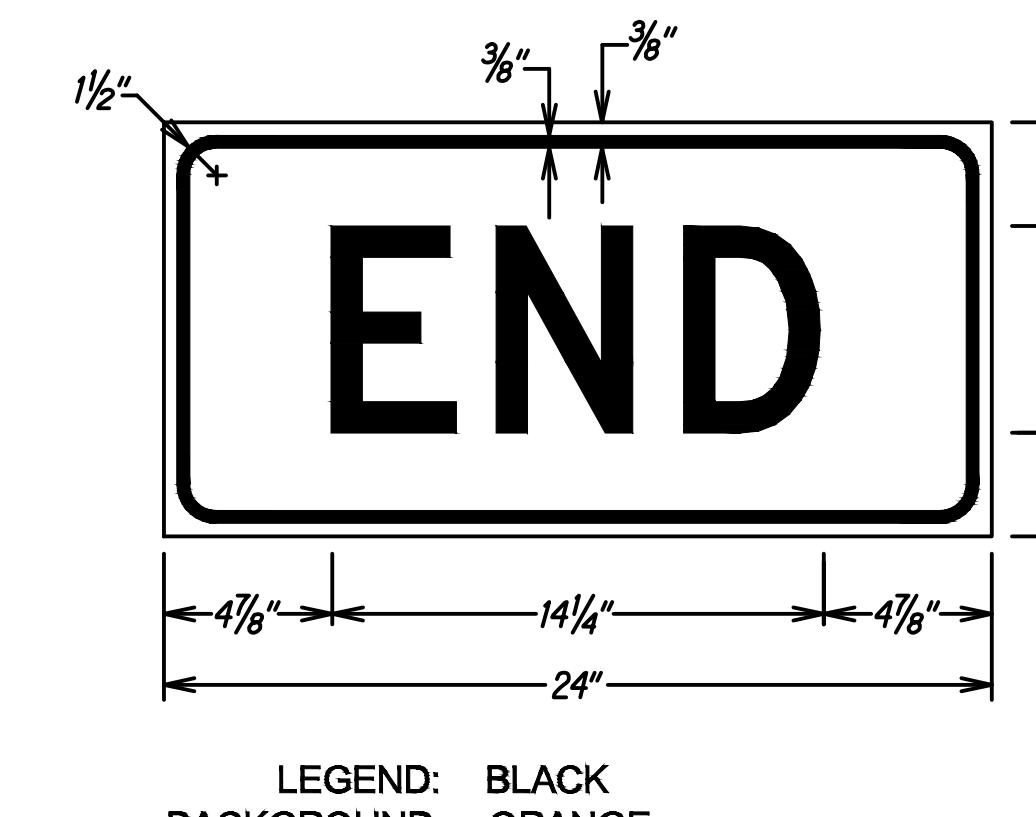
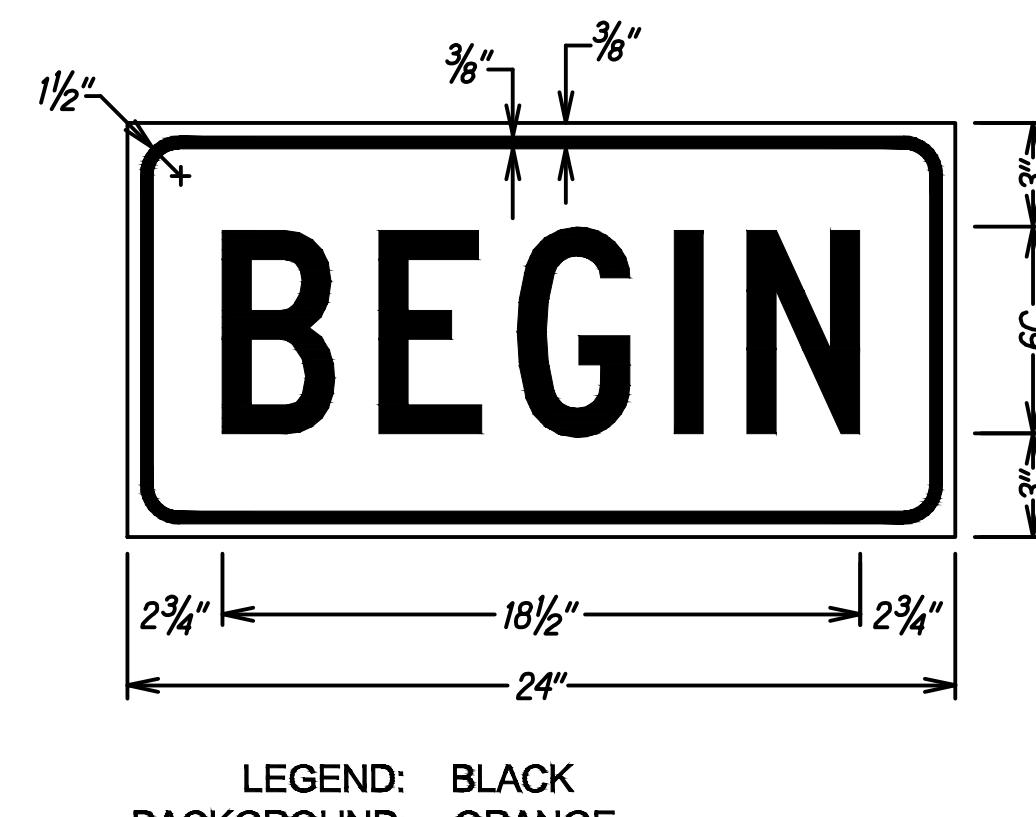
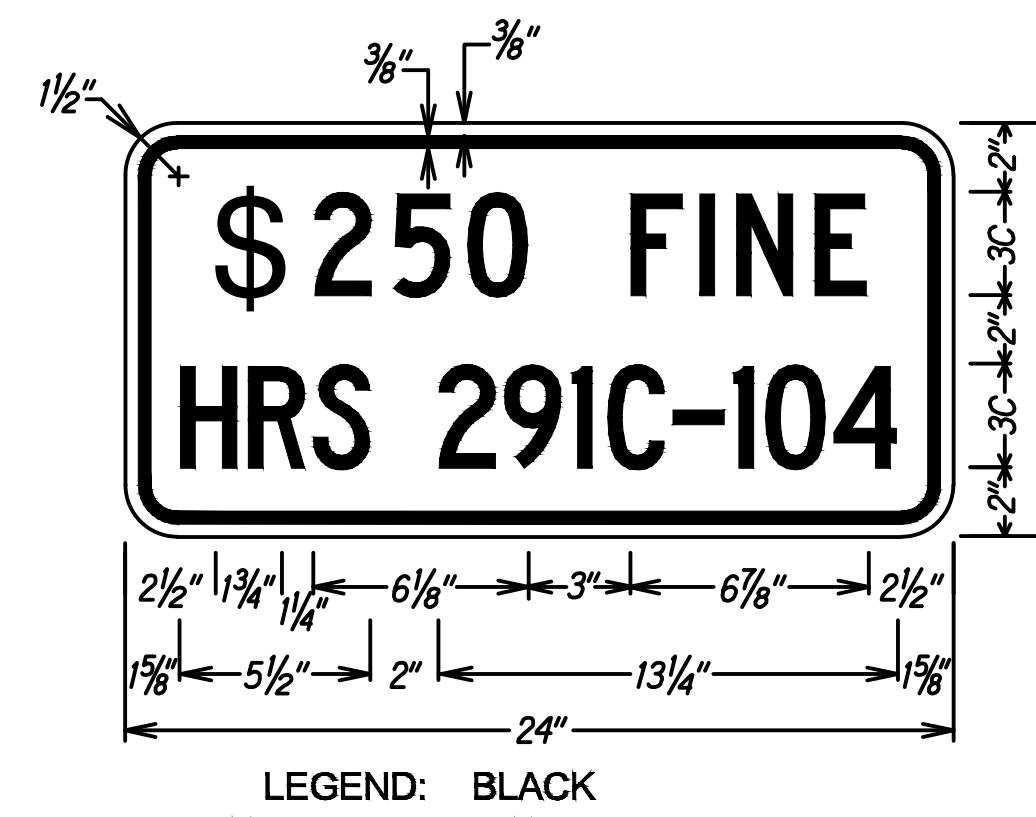
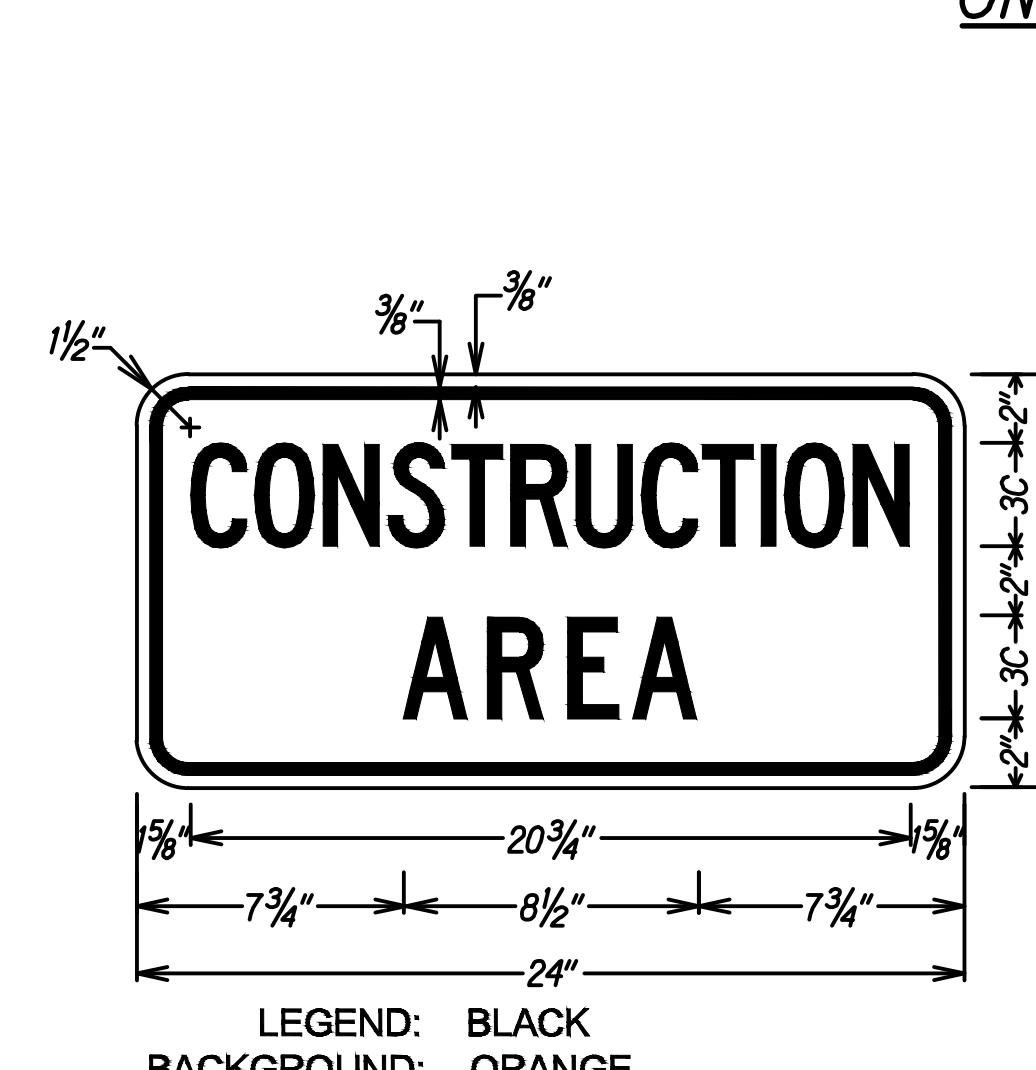
<u>TRAFFIC CONTROL NOTES</u>	
ALA MOANA BOULEVARD ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)	
Scale: None	Date: July 2021
SHEET NO. TC-1 OF 10 SHEETS	

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	69	295



Work Zone Notes:

- 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 645 of the Special Provisions.
- 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 "\$250 FINE HRS 291C-104" Supplemental Signs.
- Construction sign assemblies shall be installed on both the approaching and trailing ends of each work zone as shown on this plan.
- Each construction warning sign shall have a minimum of two (2) Type II OM. Each work zone speed limit assembly shall have a minimum of one (1) Type II OM. Installation of each Type II OM shall be included in Pay Item No. 645.1000 Traffic Control.
- 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.
- Placement of construction signs shall not obstruct the path of pedestrians and bicyclists.
- The removal and restoration of existing regulatory speed limit signs with new posts along with the installation, maintenance and removal of work zone speed limit sign assemblies shall be included in Pay Item No. 645.1000 Traffic Control. Sign covers shall be commercially manufactured and HDOT approved. Sign covers shall not allow any portion of the sign being covered to be visible. If the sign has more than one side, cover shall completely cover each side. "Homemade" or "field made" covers shall not be used or accepted.
- All signs and markers shown shall be paid under Pay Item No. 645.1000 Traffic Control.



RANDALL M. URASAKI
LICENSED PROFESSIONAL ENGINEER
No. 7269-C
HAWAII U.S.A.

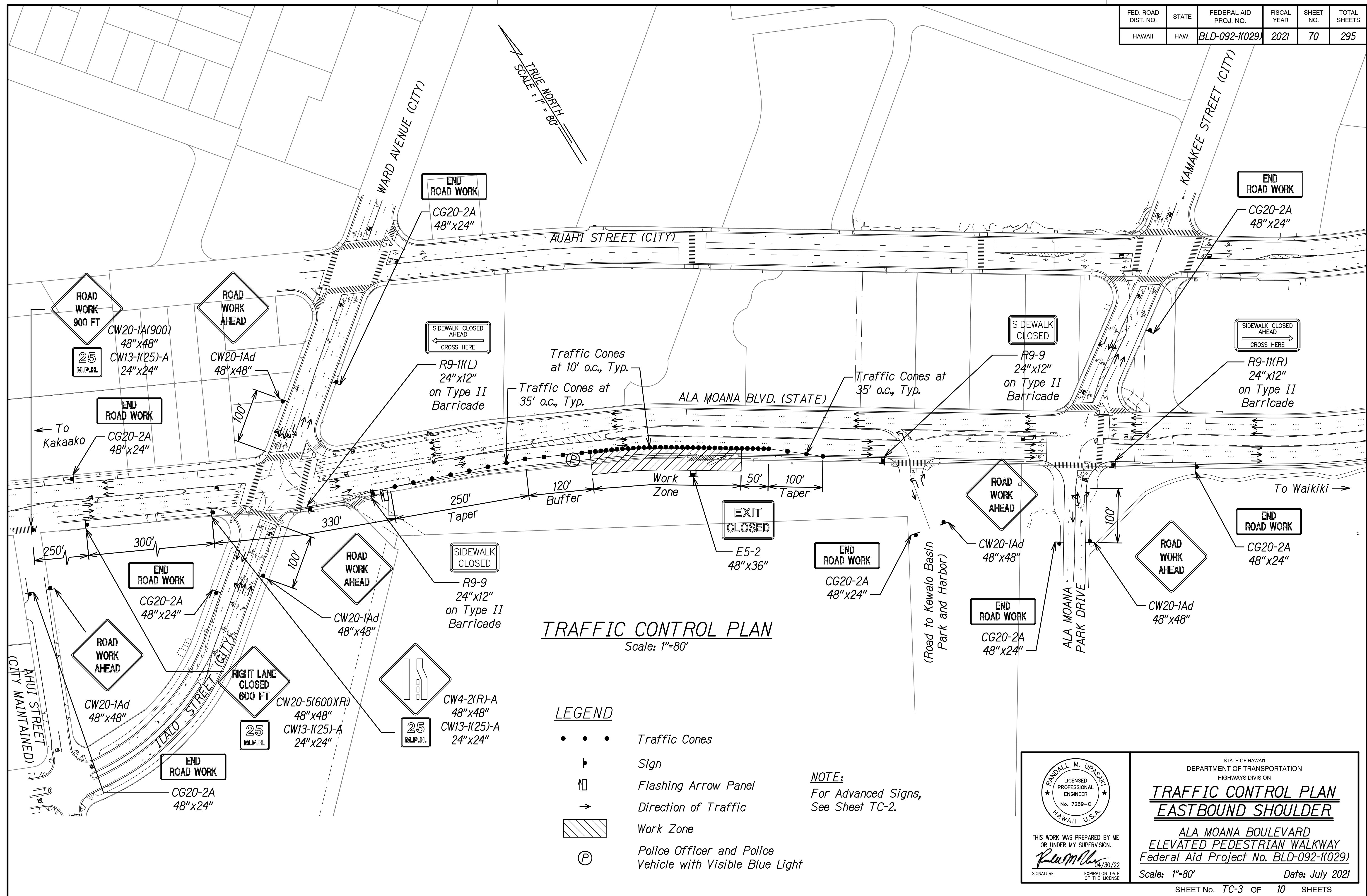
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OR UNDER MY SUPERVISION.

Randall M. Urasaki
04/30/22

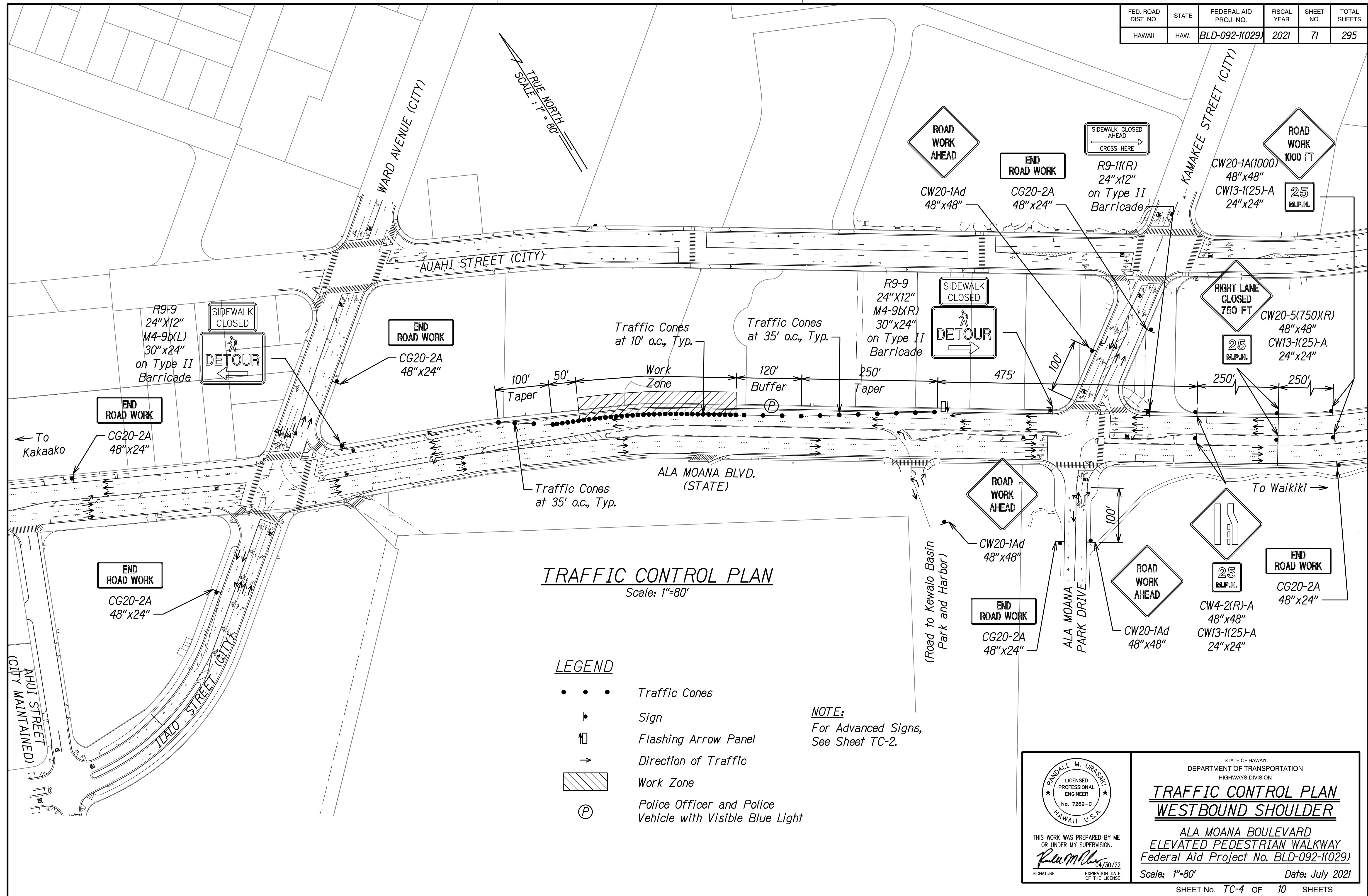
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<u>LOW SPEED DIVIDED HIGHWAY</u> <u>WORK ZONE SIGNING PLAN, NOTES & DETAILS</u>	
ALA MOANA BOULEVARD ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)	
Scale: None	Date: July 2021
SHEET NO. TC-2 OF 10 SHEETS	

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	70	295

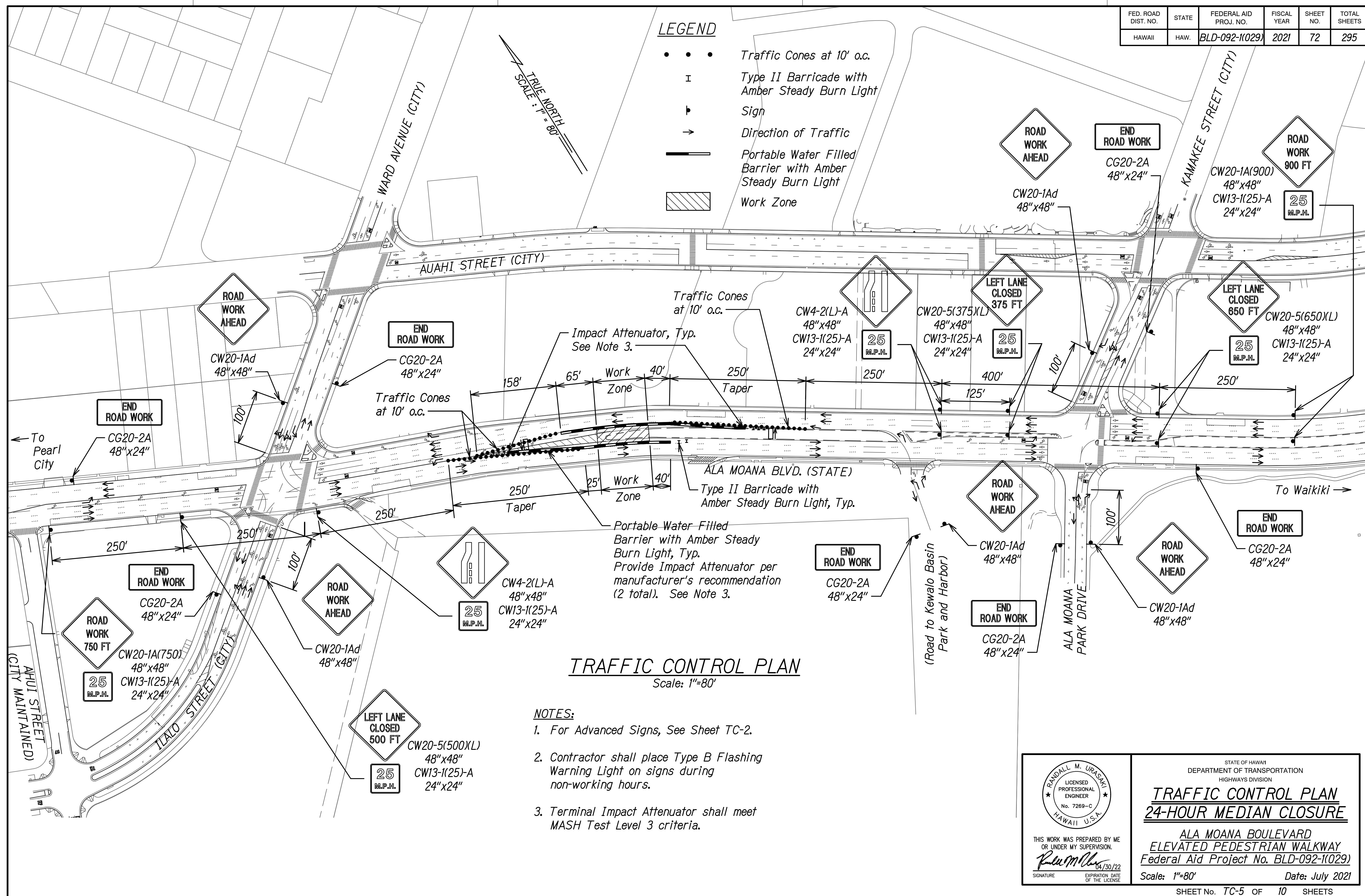


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	71	295



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

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	72	295

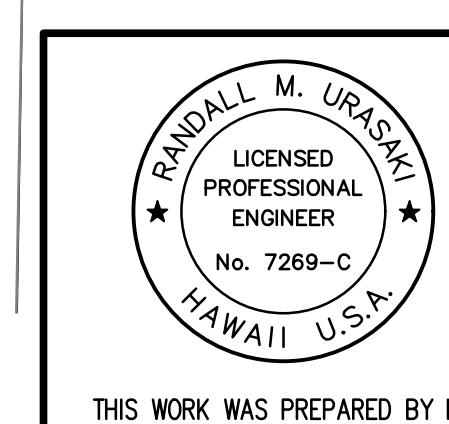


TRAFFIC CONTROL PLAN

Scale: 1''=80'

NOTES:

1. For Advanced Signs, See Sheet TC-2.
 2. Contractor shall place Type B Flashing Warning Light on signs during non-working hours.
 3. Terminal Impact Attenuator shall meet MASH Test Level 3 criteria.



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04/30/22

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

TRAFFIC CONTROL PLAN

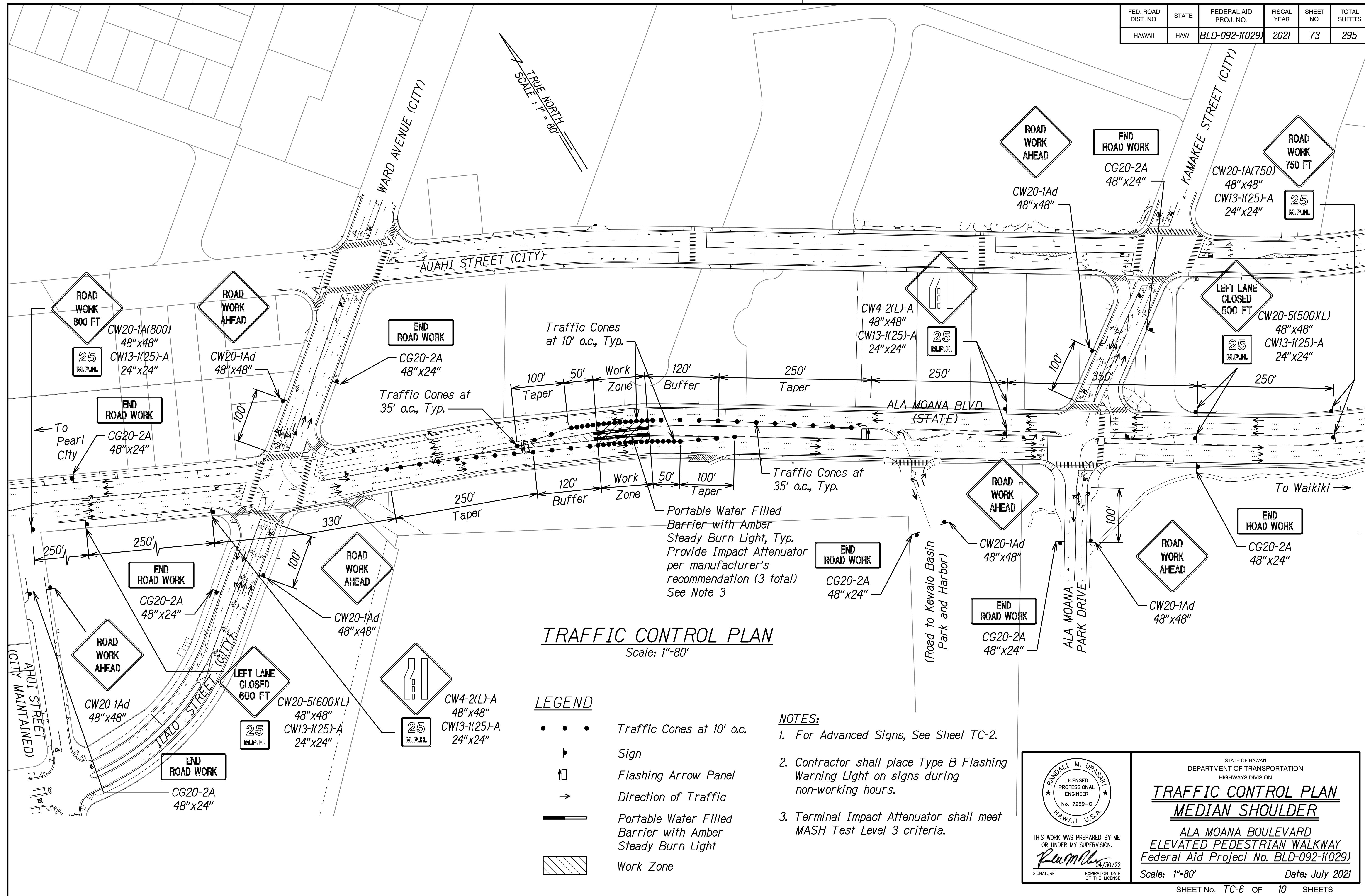
24-HOUR MEDIAN CLOSURE

ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BID-092-1(029)

Scale: 1"=80' Date: July 2021

SHEET No. *TC-5* OF *10* SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	73	295



ORIGINAL PLAN	SURVEY DRAWN BY _____	PLOTTED BY _____	DATE _____
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TRAFFIC CONTROL PLAN

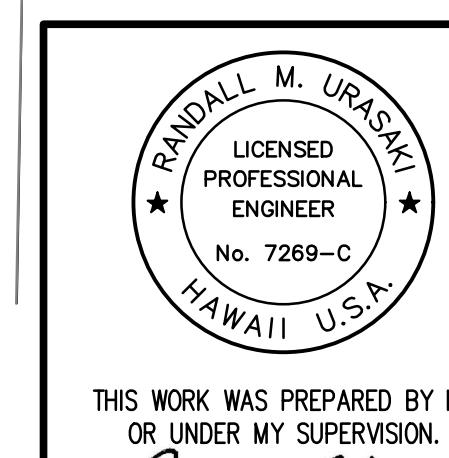
Scale: 1''=80'

LEADER

- • • *Traffic Cones at 10' o*
 - ▶ *Sign*
 - ↔ *Flashing Arrow Panel*
 - *Direction of Traffic*
 - *Portable Water Filled Barrier with Amber Steady Burn Light*
 - ▨ *Work Zone*

NOTES

1. For Advanced Signs, See Sheet TC-2.
 2. Contractor shall place Type B Flashing Warning Light on signs during non-working hours.
 3. Terminal Impact Attenuator shall meet MASH Test Level 3 criteria.



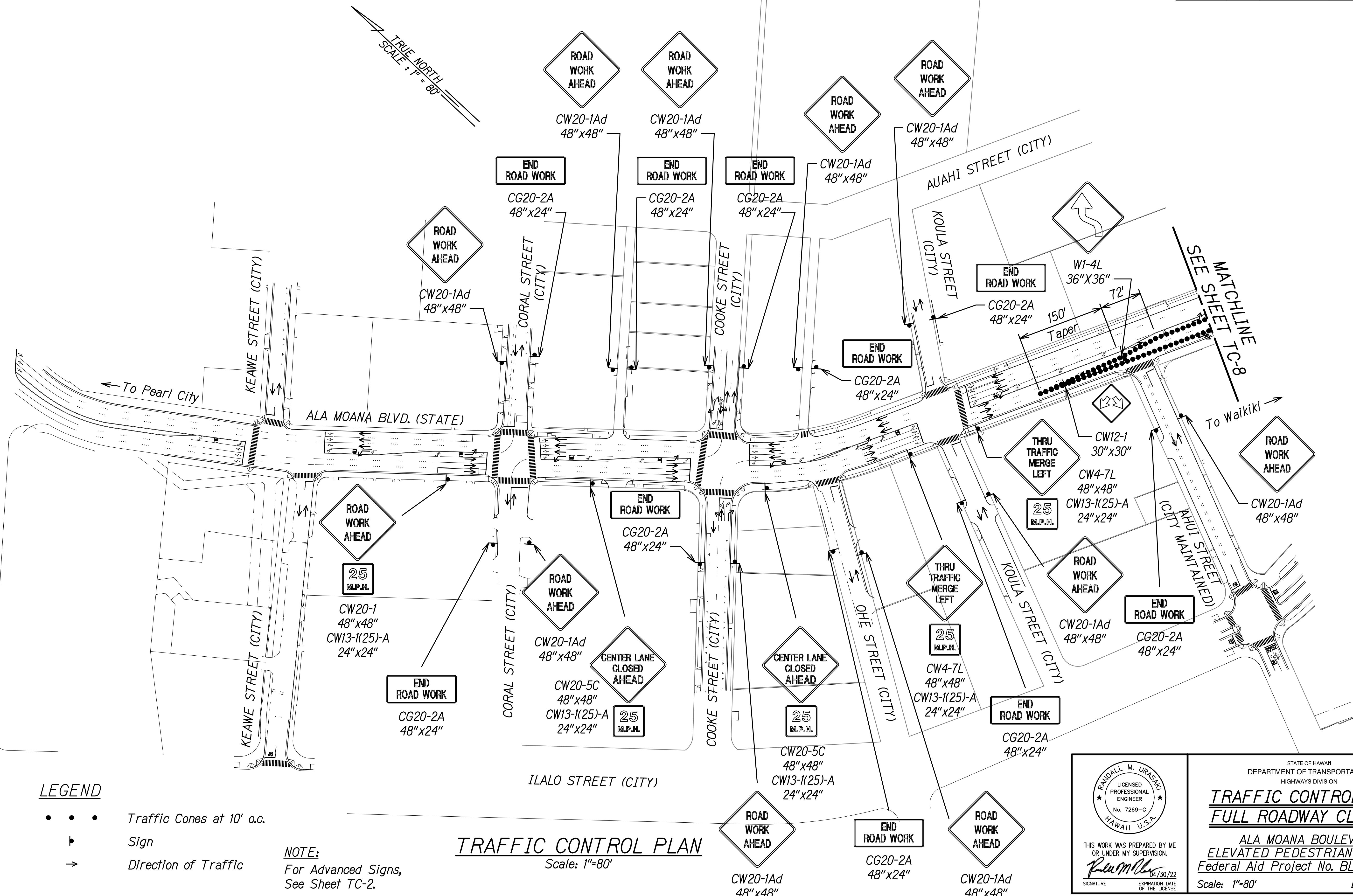
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OR UNDER MY SUPERVISION.

04/30/22

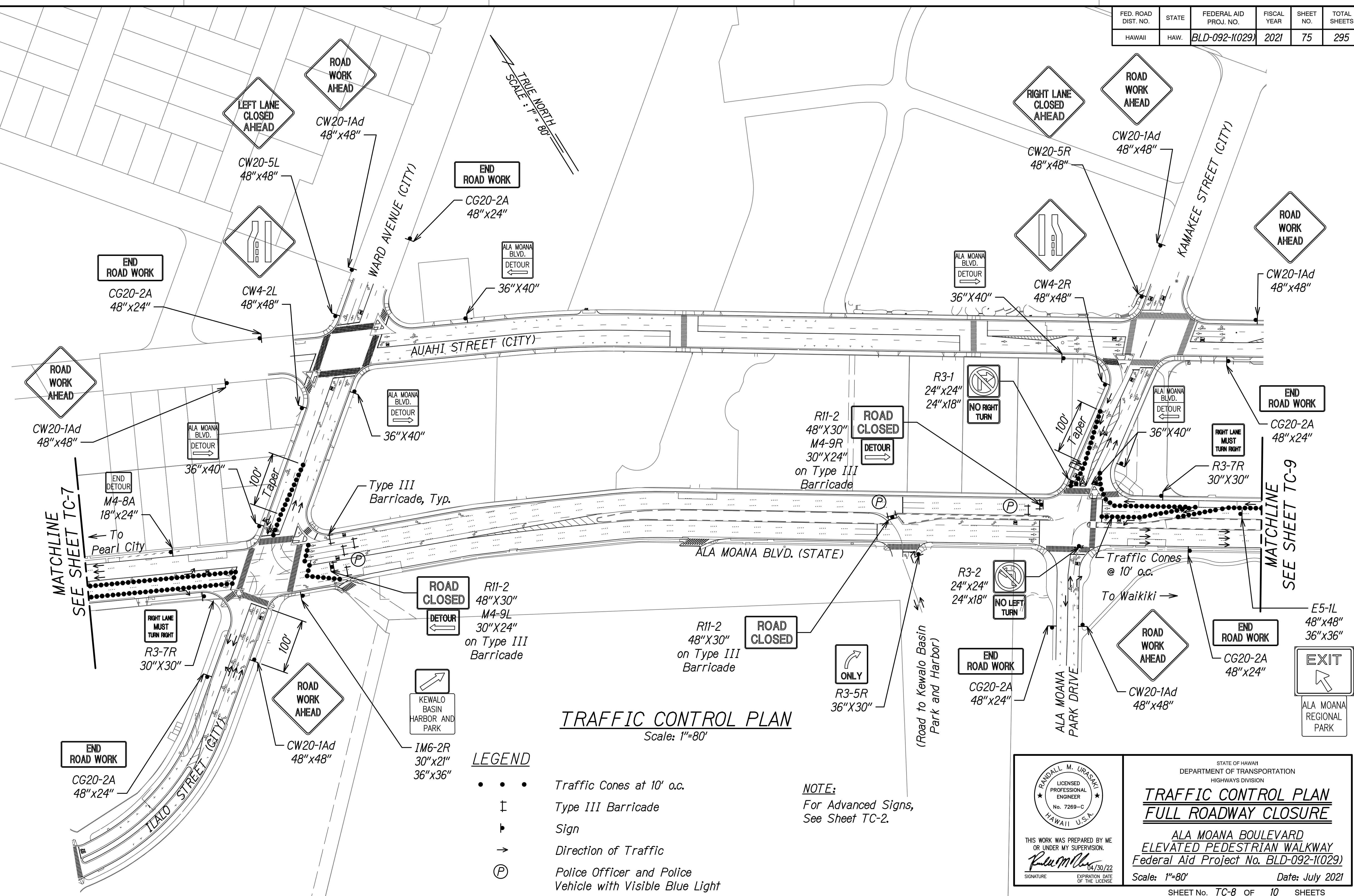
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Scale: 1' = 80' Date: July 2021

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	74	295

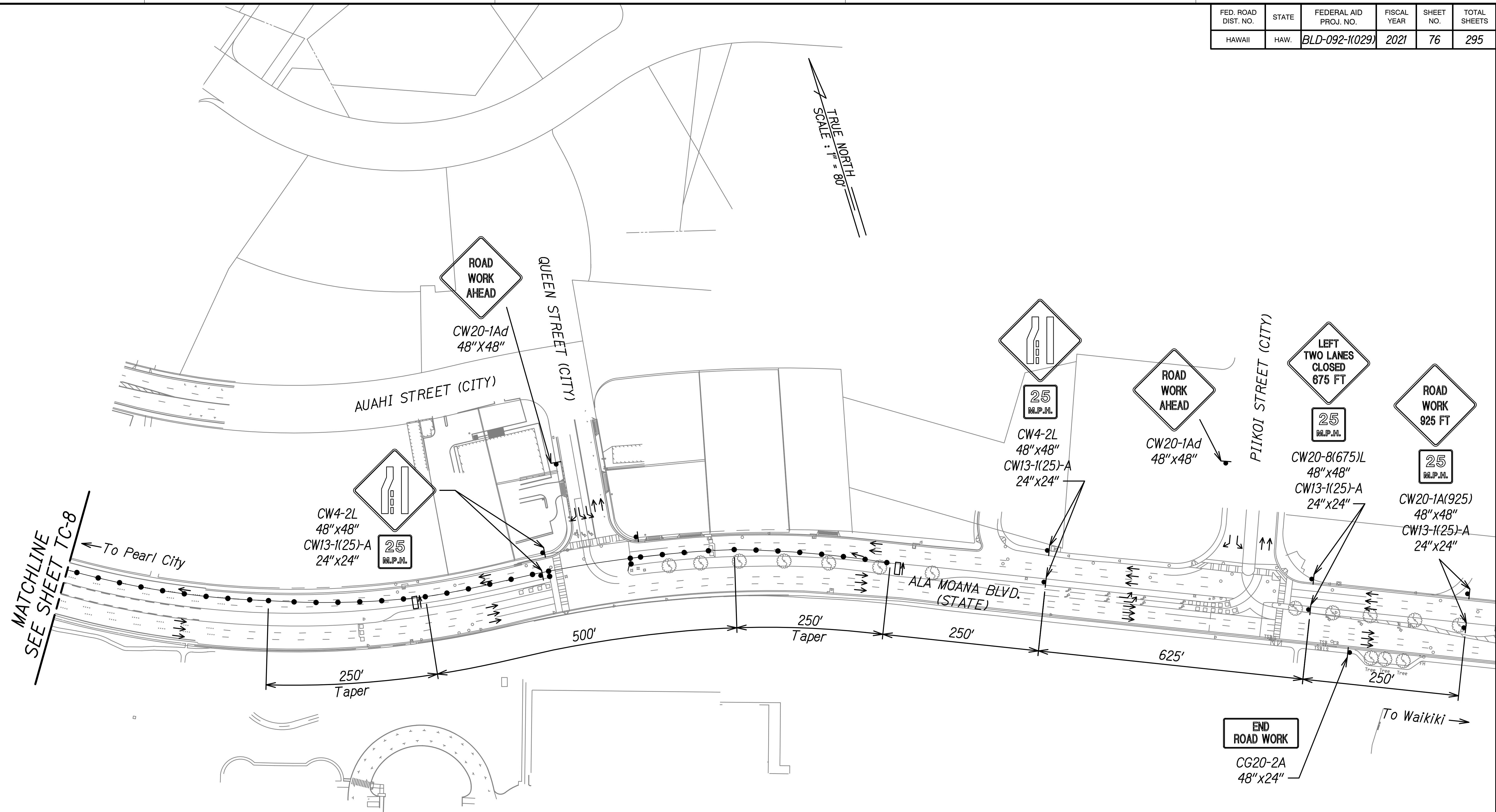


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	75	295



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FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	76	295



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NOTE BOOK	
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QUANTITIES BY	
CHECKED BY	

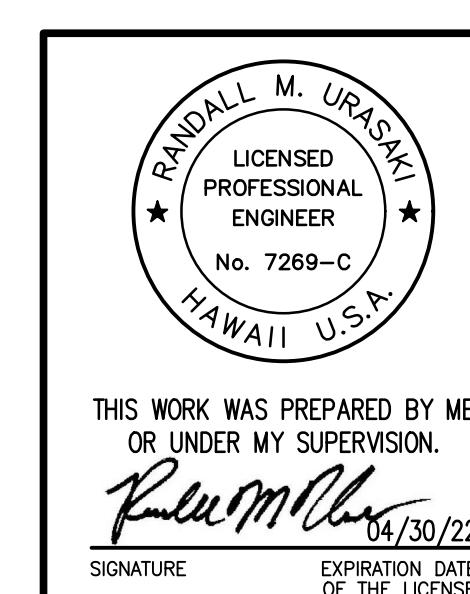
LEGEND

- • • Traffic Cones at 35' o.c.
- Sign
- Direction of Traffic
- Flashing Arrow Panel

TRAFFIC CONTROL PLAN

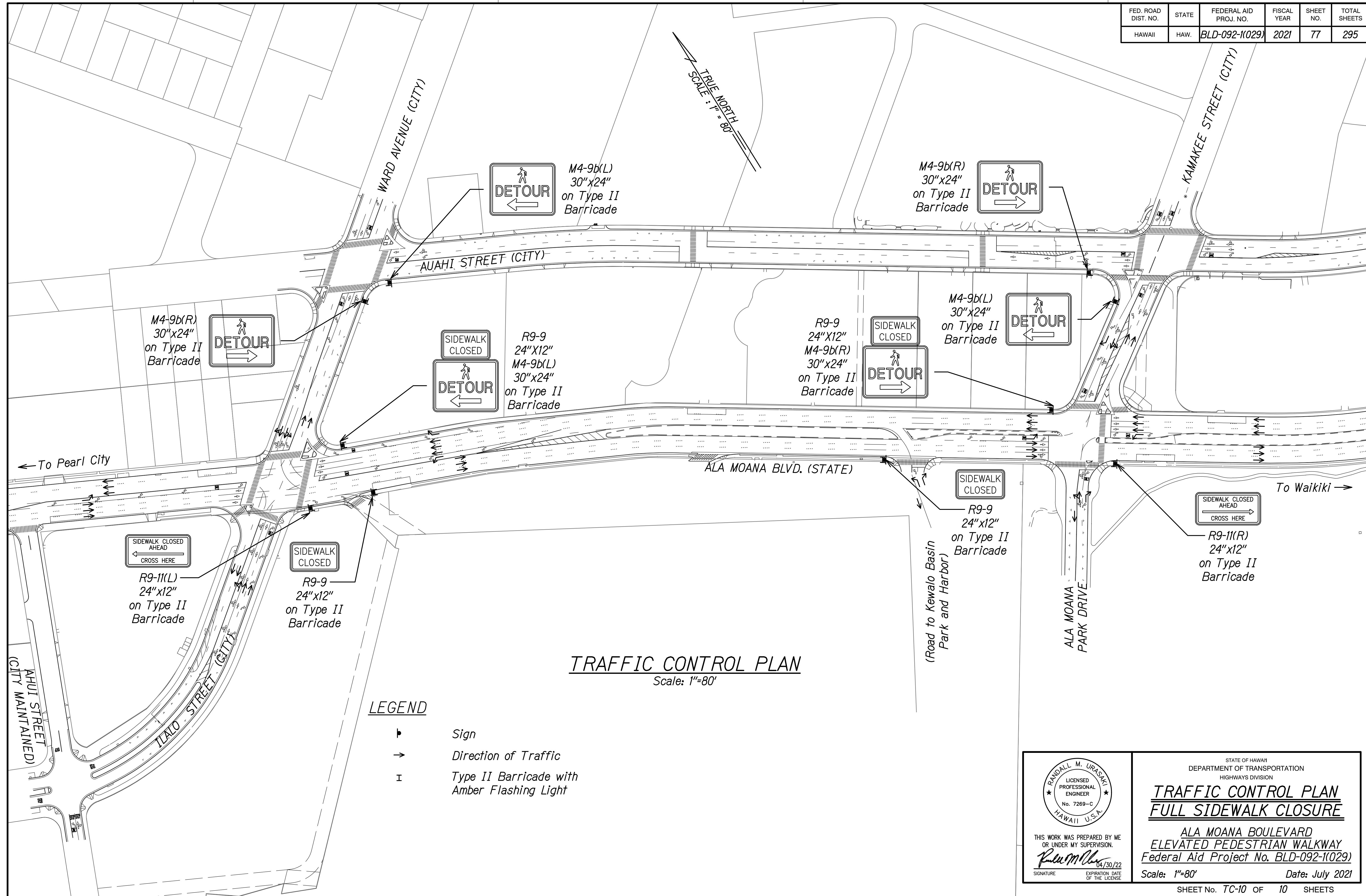
Scale: 1"=80'

NOTE:
For Advanced Signs,
See Sheet TC-2.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
FULL ROADWAY CLOSURE
ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BLD-092-1(029)
Scale: 1"=80' Date: July 2021
SHEET NO. TC-9 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	77	295



ORIGINAL PLAN	SURVEY DRAWN BY	PLOTTED BY	DATE
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		CHECKED BY	
No. _____			

LEGEND

- *Sign*
 - *Direction of Traffic*
 - I *Type II Barricade with Amber Flashing Light*

TRAFFIC CONTROL PLAN

Scale: 1"=80'

