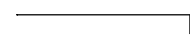
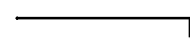
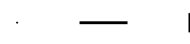
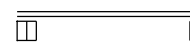
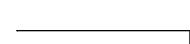
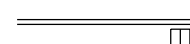

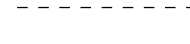

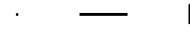

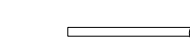


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(280)	2023	182	466

NOTES

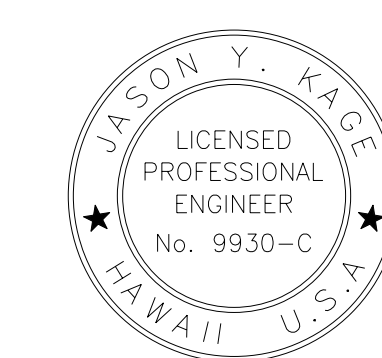
- Layout of pavement markings and striping shall be done by the Contractor and accepted by the Engineer prior to any installation work.
- For HI pavement markings, see details for Divided Highway and Freeway, DOT STD Plan TE-26 and TE-28 with modifications shown in these plans.
- For HI restricted lane pavement marking, see detail for Multi-Lane Change Restriction Zones, DOT STD Plan TE-27.
- For Thermoplastic Detail, see Sheet TPI.03.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as ordered by the Engineer. Costs shall be incidental to the various pavement marking items.
- See Channelizing Island Detail, DOT STD Plan TE-27 and TE-28.
- For Gulick Avenue and Beckley Street Channelization, see sheet TP0.05.
- For Crosswalk and Stop Bar Pavement Markings and Placement Details, see HDOT Standard Plan TE-28A.
- Raised pavement markers shall not be installed within crosswalks.
- Final locations of all signs shall be accepted by the Engineer prior to any installation work.
- Existing signs not shown on these plans shall remain as posted unless otherwise ordered 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 accepted by the Engineer prior to installation.
- All pavement striping shall be as noted on the plans as accepted by the Engineer. See Note 1.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as accepted by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- See Electrical Plans for relocation and reconnection of School Speed Limit When Flashing Sign.
- See Electrical Gulick/Beckley Intersection Enlarged New Plan for traffic signal pole locations.
- 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 ordered 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 - Work Zone 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 Oahu District Baseyard, or as ordered by the Engineer, upon the completion of the project.
- Mile Post signs shall be installed to reference the mile post system at half-mile locations along the highway route. The Contractor is to verify the location of the Mile Post sign with the Engineer before installation. For details, see HDOT Std Plan TE-16.

LEGEND

-  4" White Edge Stripe with Type C RPM @ 40' O.C. (Tape, Type II or Thermoplastic Extrusion)
-  8" White Stripe with Type C RPM @ 20' O.C. (Tape, Type I or Thermoplastic Extrusion)
-  10-Foot Profiled Thermoplastic Stripes with Type C RPM @ 40' O.C.
-  4" Double Solid White with Type C RPM @ 20' O.C. (Tape, Type I or Thermoplastic Extrusion)
-  4" Yellow Edge Line with Type H RPM @ 40' O.C. (Tape, Type II or Thermoplastic Extrusion)
-  Lane Change Restriction Marking
10-foot Profiled Thermoplastic Stripes @ 20' O.C.
4" Double Solid White Stripe
(Tape, Type I or Thermoplastic Extrusion)
-  4" White Guide Stripe
(Tape, Type I or Thermoplastic Extrusion)
-  12" White Transverse Right Shoulder Marking
(Tape, Type II or Thermoplastic Extrusion)
-  4" Yellow Stripe with Type D RPM @ 20' O.C. (Tape, Type II or Thermoplastic Extrusion)
-  4" Double Yellow Stripe with Type D RPM @ 20' O.C. (Tape, Type II or Thermoplastic Extrusion)
-  Overhead Sign Location
-  Sign Location

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

DRAWING NAME: 419599_GeneralNotesChonSign-01.dgn PLOT TIME: 27-FEB-2023 11:10



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION OF CONSTRUCTION SHALL BE AS DEFINED IN CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-115-2, DEFINITIONS.

Jason Y. Kage
JACOB ENGINEERING GROUP INC.
LICENSE EXPIRES 04-30-24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

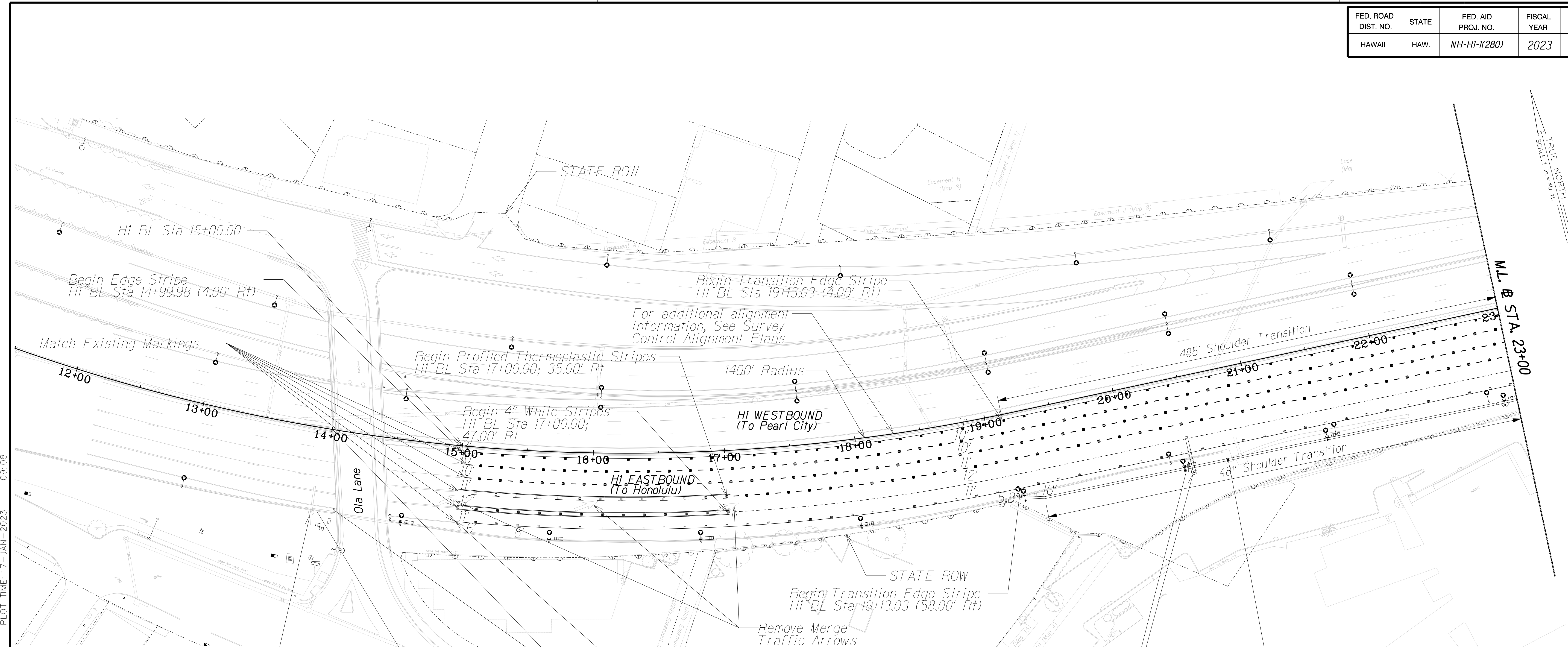
CHANNELIZATION AND SIGNING
NOTES AND LEGEND

INTERSTATE ROUTE HI (EB) IMPROVEMENTS
Ola Lane Overpass to Likelike Hwy Off-Ramp
Project No. NH-HI-1(280)

Scale: No Scale Date: Dec 2022

SHEET No. TP0.00 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(280)	2023	183	466

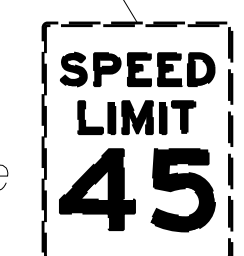


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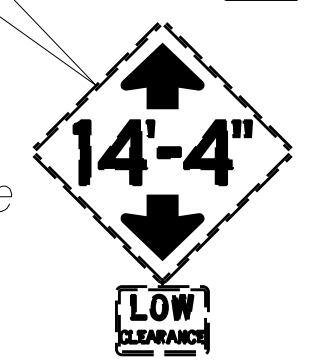
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HI BL Sta 13+95. Remove existing Advance Guide Sign and panels, protect existing overhead sign structure. Install new Advance Guide Sign with E1-5P and E1-1 Panels on existing sign structure.

R2-1(45)-A
48"x60"
Protect in place



W12-2-A
48"x48"
Protect in place

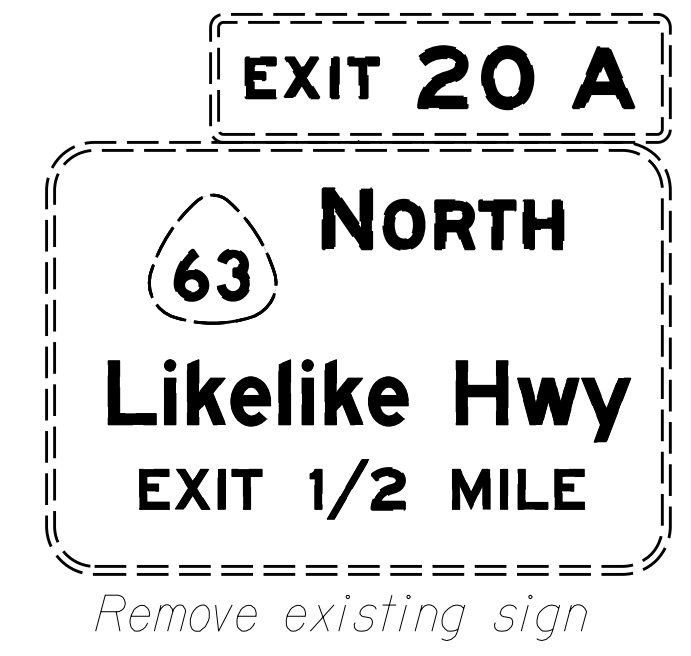
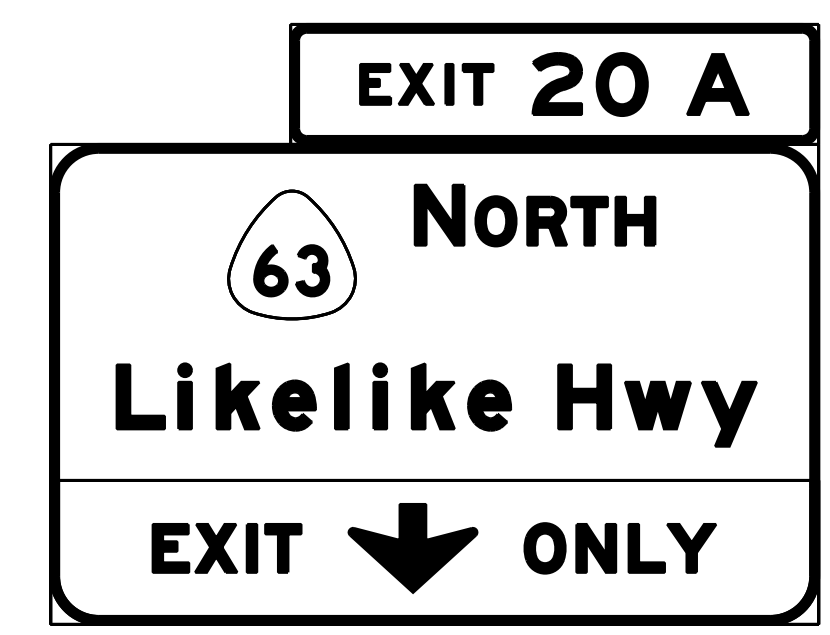
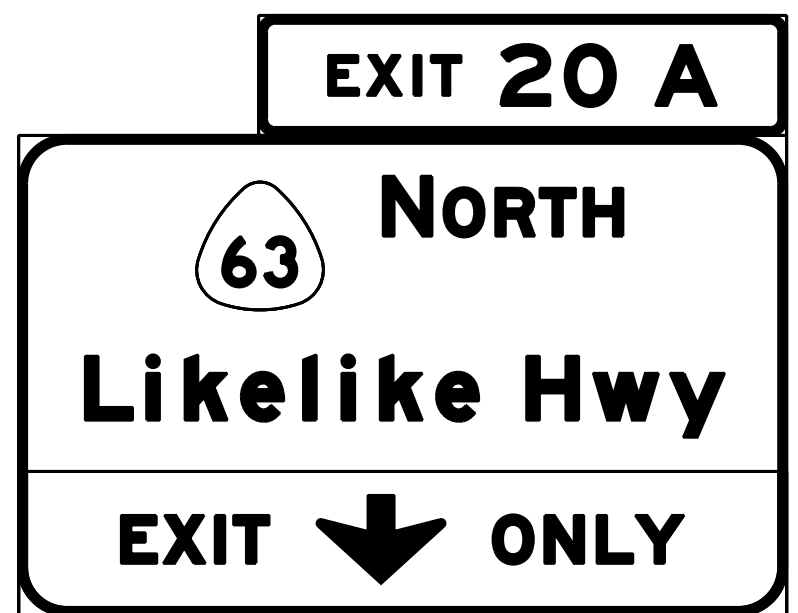
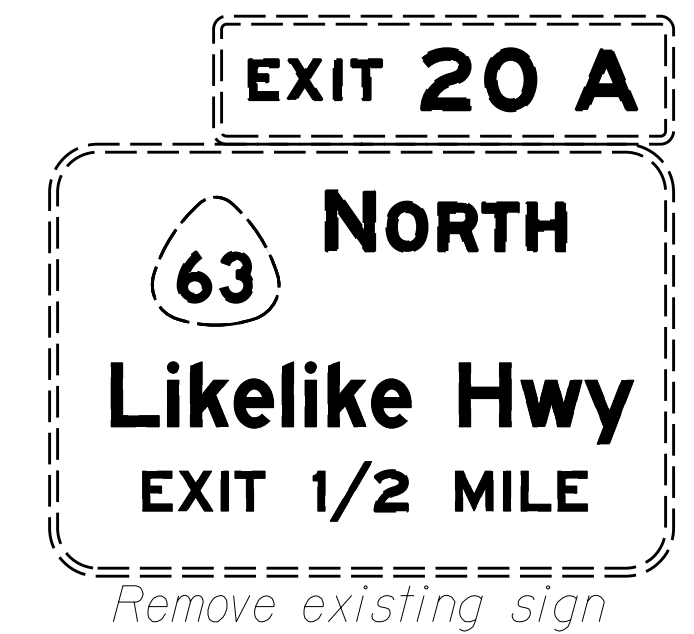


PLAN
Scale: 1" = 40'

R2-1(50)-A
48"x60"



Remove existing R2-1(50)-A sign. Install new R2-1(50)-A sign on new post (HI BL Sta 20+75. 69.8' RT)

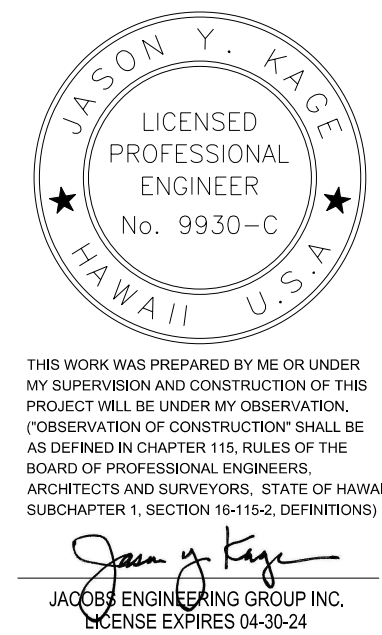


HI BL sta 20+47: Remove existing Advance Guide Sign and panels. Remove existing Overhead Sign Supports and Foundation at 73.3' RT. Install new Advance Guide Sign with E1-5P and E1-1 Panels on new sign structure (See HDOT STD Plans TE-17A through 17E)

NOTES

- See TP0.00 for General Notes
- See TP1.01 for Overhead Sign Panel Details

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

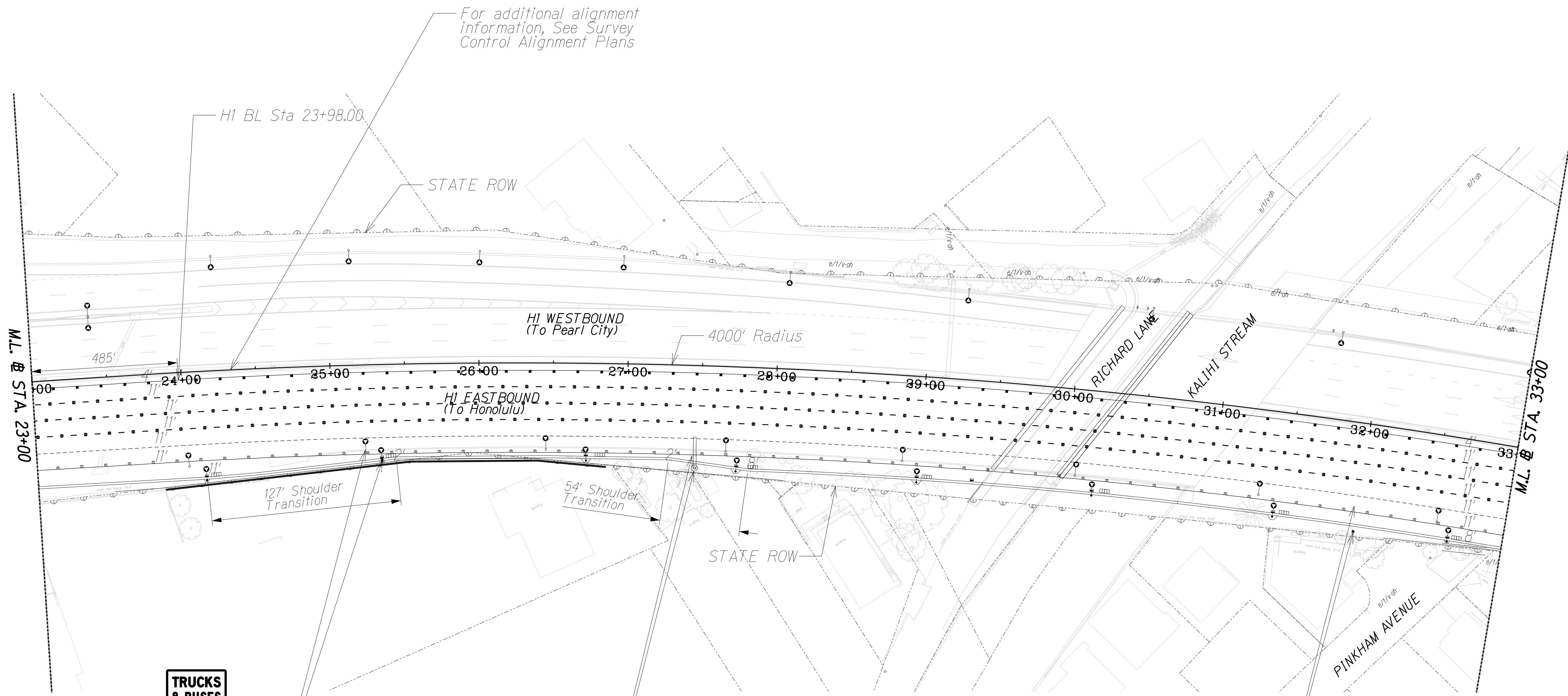
CHANNELIZATION AND SIGNING PLAN

INTERSTATE ROUTE HI (EB) IMPROVEMENTS
Ola Lane Overpass to Likelike Hwy Off-Ramp
Project No. NH-HI-1(280)

Scale: 1" = 40' Date: Dec 2022

SHEET No. TP0.01 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(280)	2023	184	466



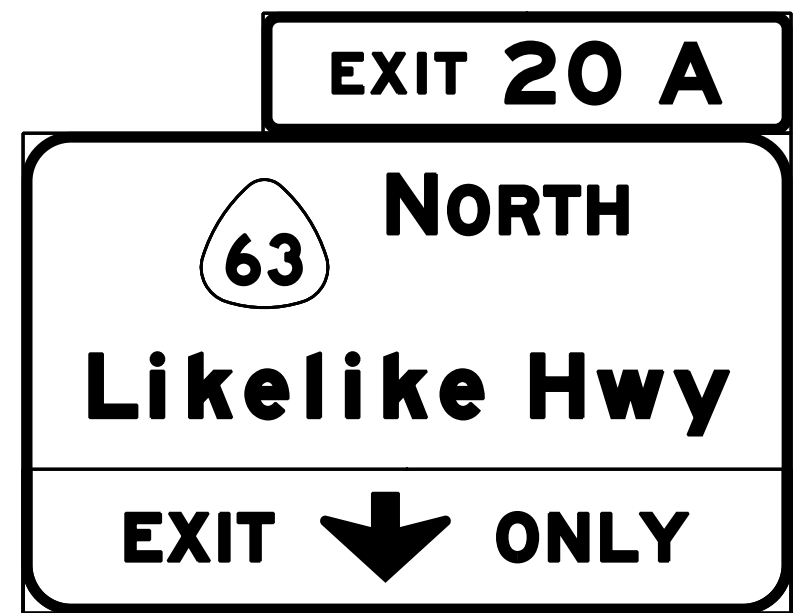
PLOT TIME: 27-FEB-2023 11:10
 DRAWING NAME: 419596_ChannelSignPlan40scale-02.dgn

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

TRUCKS & BUSES USE 2 RIGHT LANES
 Modified R4-5-A 48"x66"
 Remove existing Modified R4-5-A sign from existing light standard. Install new Modified R4-5-A sign on new light standard, see Electrical plans for location.



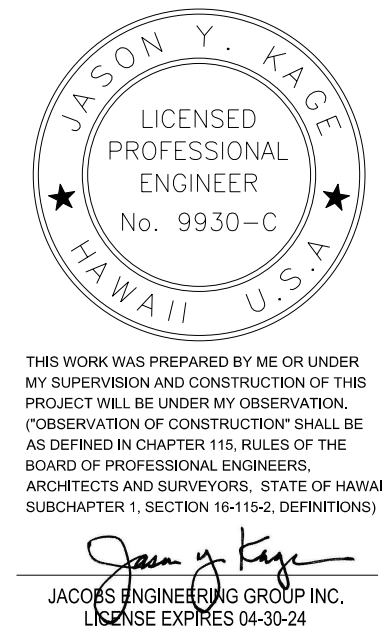
HI BL sta 27+46: Remove Advance Guide Sign and panels. Remove existing Overhead Sign Supports and Foundation. Construct new Overhead Sign Supports and Foundation at 68.7' RT. Install new Advance Guide Sign with E1-5P and E1-1 Panels on new sign structure (See HDOT STD Plans TE-17A through 17E)



PLAN
 Scale: 1" = 40'

Remove existing R2-1(45)-A sign, install new R2-1(45) sign on new post (HI BL Sta 31+98, 73.0' RT)
SPEED LIMIT 45

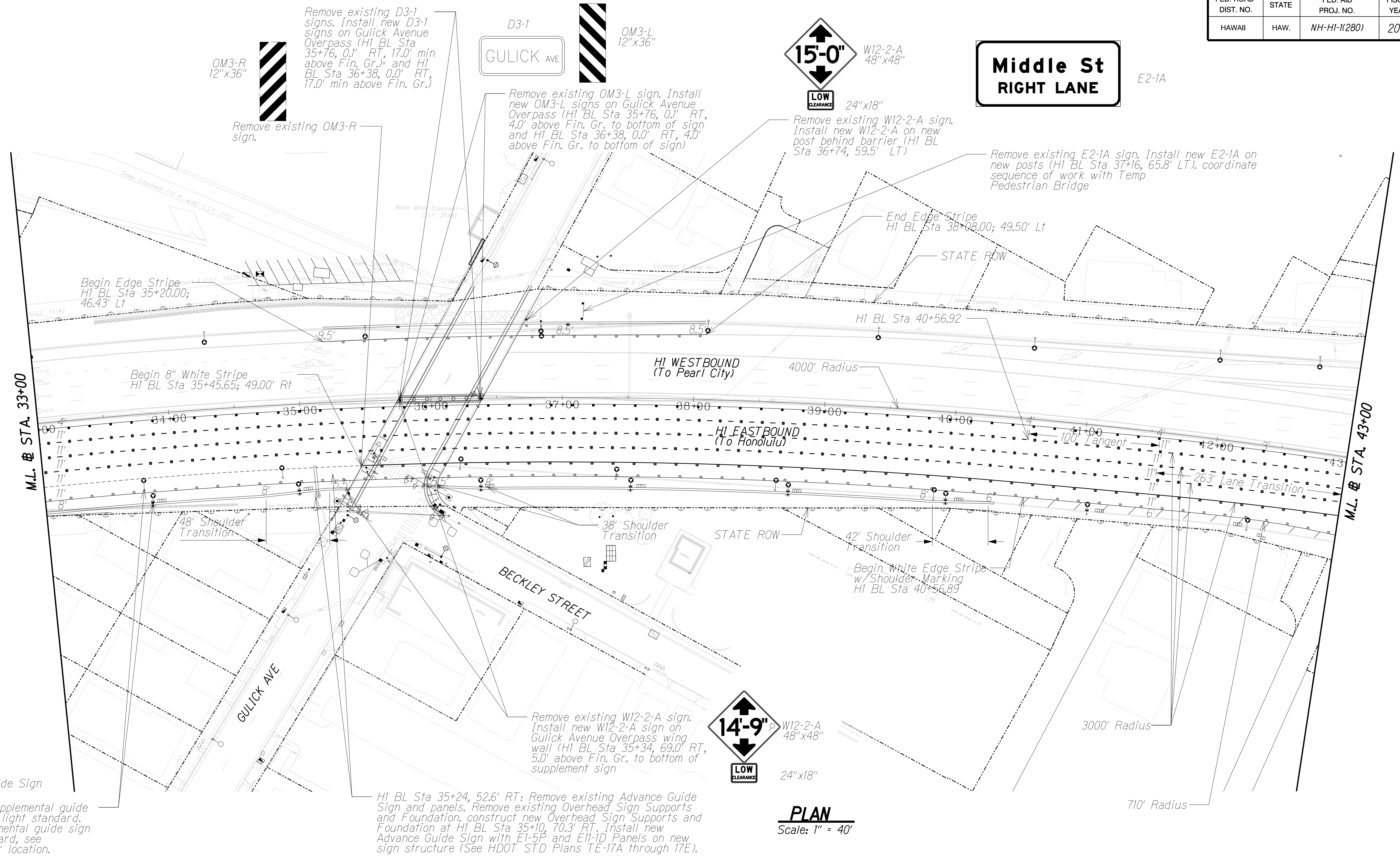
NOTES
 1. See TP0.00 for General Notes



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CHANNELIZATION AND SIGNING PLAN
 INTERSTATE ROUTE HI (EB) IMPROVEMENTS
 Ola Lane Overpass to Likelike Hwy Off-Ramp
 Project No. NH-HI-1(280)
 Scale: 1" = 40' Date: Dec 2022
 SHEET No. TP0.02 OF 7 SHEETS

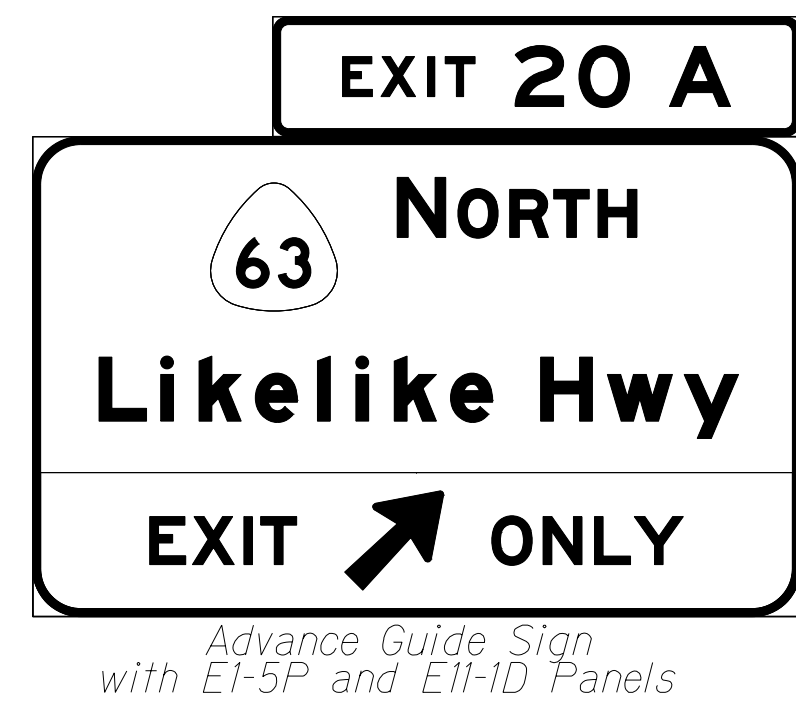
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(280)	2023	185	466

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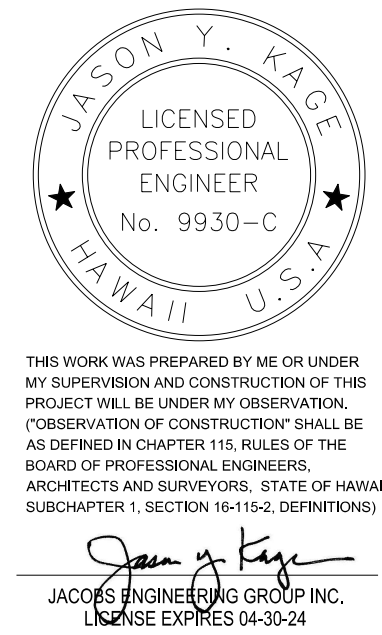


SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

NOTES
1. See TP0.00 for General Notes



PLAN
Scale: 1" = 40'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

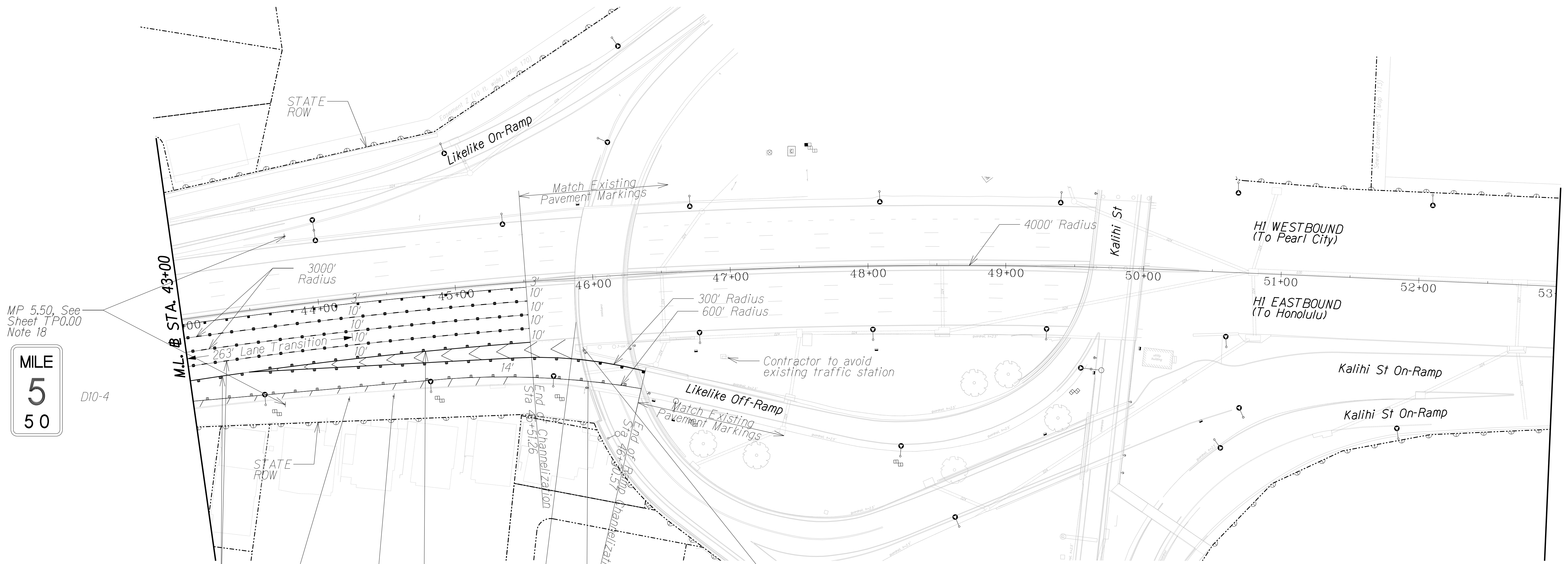
CHANNELIZATION AND SIGNING PLAN

INTERSTATE ROUTE HI (EB) IMPROVEMENTS
Ola Lane Overpass to Likelike Hwy Off-Ramp
Project No. NH-HI-1(280)

Scale: 1" = 40' Date: Dec 2022

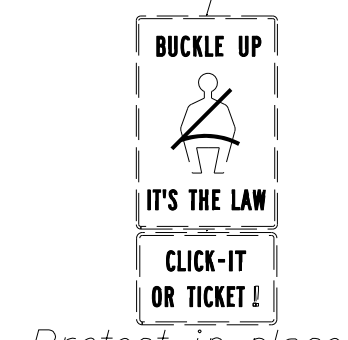
SHEET No. TP0.03 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1280	2023	186	466

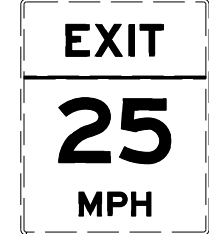


MILE
5
50

D10-4



Protect in place
W13-2
Protect in place



3956' Radius



W12-2(L)-A
Protect in place



W12-2-A
Protect in place

PLAN
Scale: 1" = 40'

EXIT 20B
Vineyard Blvd.
3/4 MILE

Advance Guide Sign
with E1-5P
Protect in place

NOTES

1. See TP0.00 for General Notes

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

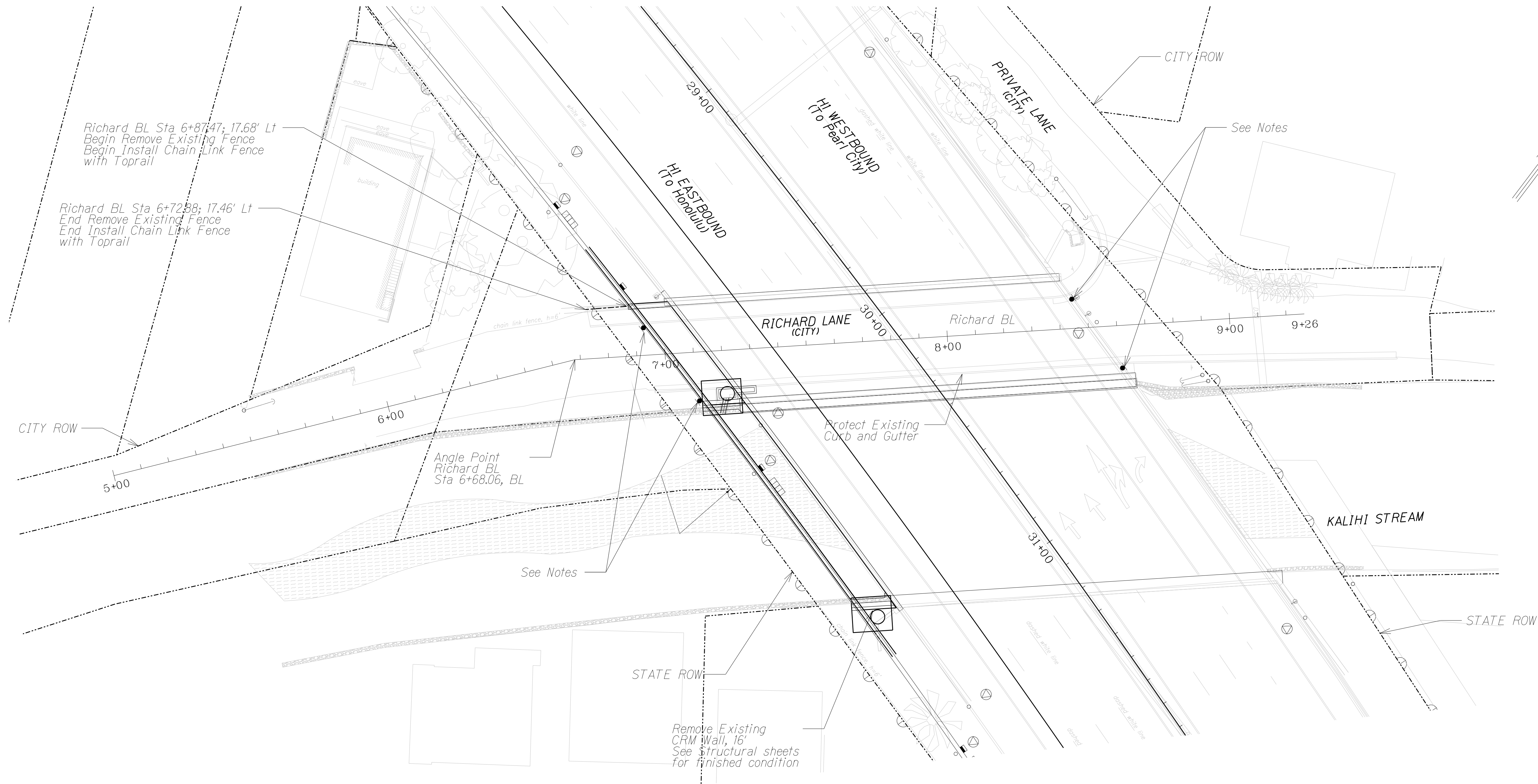
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JACOB ENGINEERING GROUP INC.
LICENSE EXPIRES 04-30-24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CHANNELIZATION AND SIGNING PLAN
INTERSTATE ROUTE HI (EB) IMPROVEMENTS
Ola Lane Overpass to Likelike Hwy Off-Ramp
Project No. NH-HI-1280
Scale: 1" = 40' Date: Dec 2022
SHEET No. TP0.04 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(280)	2023	188	466



PLOT TIME: 27-FEB-2023 11:11

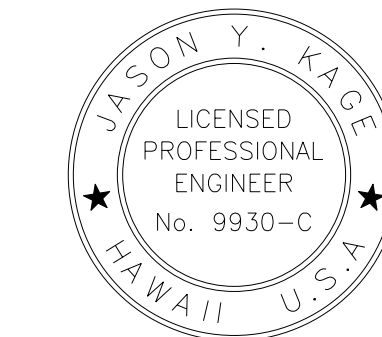
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SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

NOTES

1. See TP0.00 for General Notes.
2. Additional Survey along both sides of Richard Lane, from the top of the grade on Richard Lane to the bottom of the bridge soffit, needs to be completed for all four quadrants of the bridge (Ewa/Mauka, Ewa/Makai, Diamond Head/Mauka, Diamond Head/Makai).
3. The Contractor shall remove existing vertical clearance signs if necessary and provide signs with the lowest vertical clearance and install it on all four quadrants of the bridge.

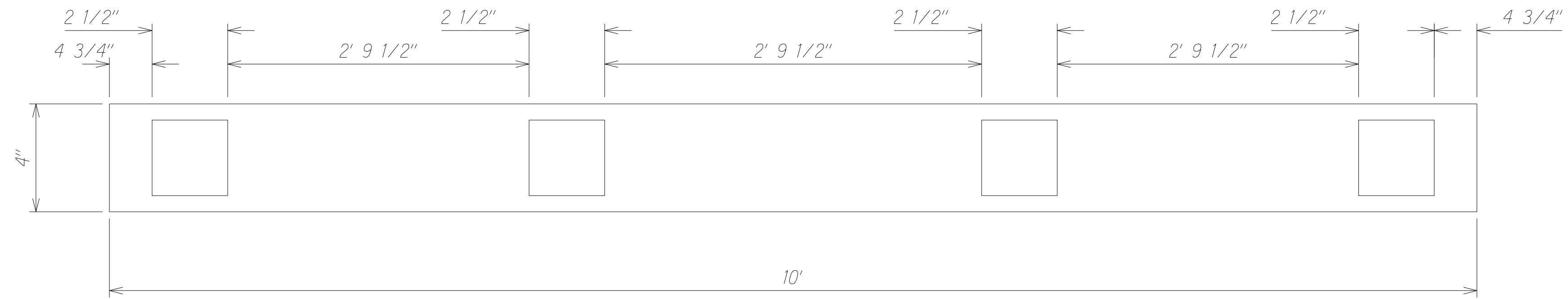
PLAN
Scale: 1" = 20'



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 JACOB'S ENGINEERING GROUP INC.
 LICENSE EXPIRES 04-30-24

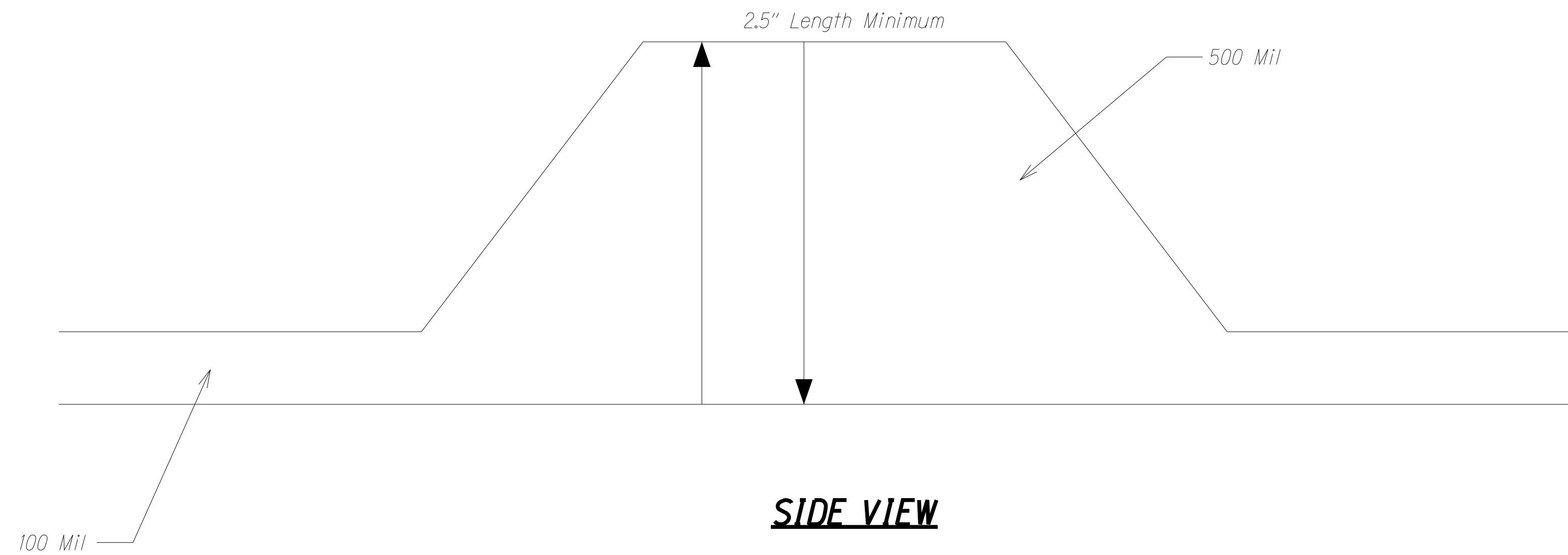
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CHANNELIZATION AND SIGNING PLAN
INTERSTATE ROUTE HI (EB) IMPROVEMENTS
Ola Lane Overpass to Likelike Hwy Off-Ramp
 Project No. NH-HI-1(280)
 Scale: 1" = 20' Date: Dec 2022
 SHEET No. TP0.06 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1280	2023	191	466



TOP VIEW LANE LINE

Profiles placed on 36" o.c.
500 mil height, including 100 mil baseline.
Width equal to approximately baseline width.



SIDE VIEW

PLOT TIME: 27-FEB-2023 11:12

DRAWING NAME: 419596_ChanDetails-03.dgn

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
No.	



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Jason Y. Kage
 JACQUES ENGINEERING GROUP INC.
 LICENSE EXPIRES 04-30-24

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PROFILED THERMOPLASTIC STRIPING
 INTERSTATE ROUTE HI (EB) IMPROVEMENTS
 Ola Lane Overpass to Likelike Hwy Off-Ramp
 Project No. NH-HI-1280
 Scale: No Scale Date: Dec 2022