

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	75	231

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 acceptance. 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 acceptance in accordance with Specifications Section 645 - Work Zone Traffic Control. For restrictions on lane closures, detours, construction work during peak hours, and other requirements regarding maintaining vehicular and pedestrian traffic, see Subsection 107.03 - Working Hours; Night Work and Section 645 - Work Zone 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 645-1 - For Traffic Control Plan of Section 645 in the Specifications, unless otherwise noted on HDOT's Traffic Control Plans.

8. All traffic lanes shall be a 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. Replace permanent pavement markings and traffic signs that are missing, damaged, or have been removed upon completion of each day's work. Payment for replacing permanent pavement markings and signs shall be considered incidental to the various contract items.

12. 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.

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

14. Damage to signs, pavement markers, and delineators caused by the public or Contractor's negligence shall be repaired or replaced by the Contractor at no cost to the State.

15. Signs for night work shall be retroreflective and shall be mounted with a Type B high intensity flasher. The flasher will be paid under Pay Item No. 645.1000-Traffic Control.

16. The Contractor shall provide all sign supports, barrier mounting brackets, and/or posts for construction warning signs.

17. The Contractor shall provide and maintain two (2) portable message boards to provide advanced warning of the lane closures. The message boards' location to be determined by the Engineer for each construction phase. Message boards shall display closure dates and times and shall be operational 24 hours a day for three (3) days prior to the first lane closure. Signs shall remain for the duration of the project. The Contractor shall provide appropriate traffic control devices (barricades, cones, etc.) to protect the message boards. Installation, maintenance, and removal of message boards shall be paid under Pay Item No. 645.1000 - Traffic Control.

18. The Contractor shall furnish, install, maintain, and remove all traffic control devices shown on the traffic control plans. Payment for all work shown, including furnishing all police officers shown on the traffic control plans, shall be under Pay Item No. 645.1000 - Traffic Control.

19. The Contractor shall sequence the work to allow access to the driveways and side streets. The Contractor shall provide all traffic control devices, including police officers, necessary to maintain driveway and side street access. In the case where a landowner has multiple vehicle access points that are internally connected, one access point may be temporarily shut down with two week notice to the landowner/lessee. The Contractor shall submit the Traffic Control Plans to the Engineer for acceptance. Payment for development and implementation of the Traffic Control Plans shall be included in pay item 645.1000 - Traffic Control.

Legend:

- Work Area

Traffic Cones

Sign

Direction of Traffic
- Flashing Arrow Signal

Police Officer and Vehicle with Visible Blue Light

Flagman

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

Dexter S. Eji

Licensed Professional Engineer

No. 4739-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

04/30/24

SIGNATURE

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TRAFFIC CONTROL NOTES

KAMEHAMEHA HIGHWAY DRAINAGE AND SAFETY IMPROVEMENTS

Vicinity of Laniakea Beach (MP 3.06 to MP 3.54)

Project No. 83B-01-09

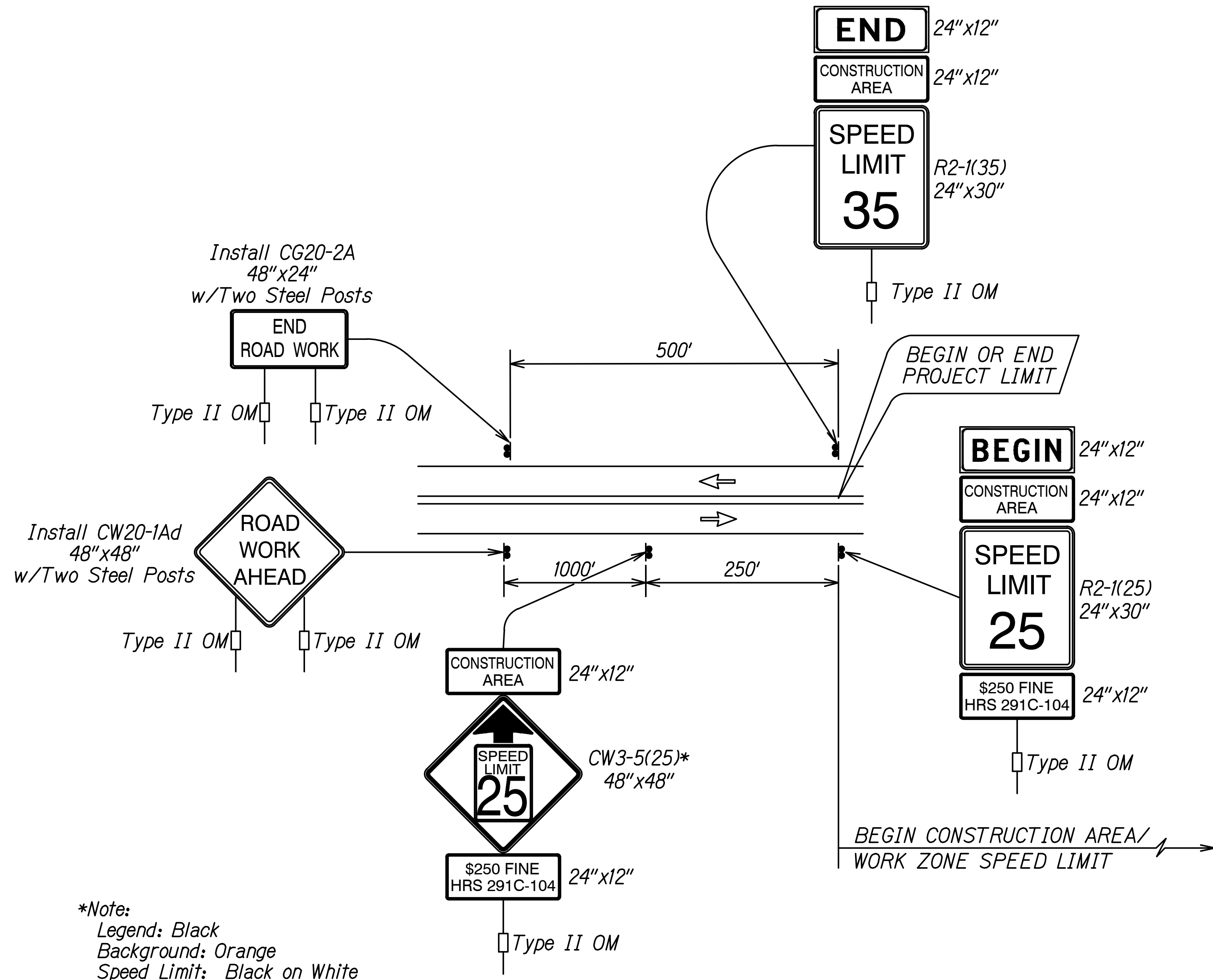
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Date: December 2022

SHEET No. TCP-01 OF 14 SHEETS

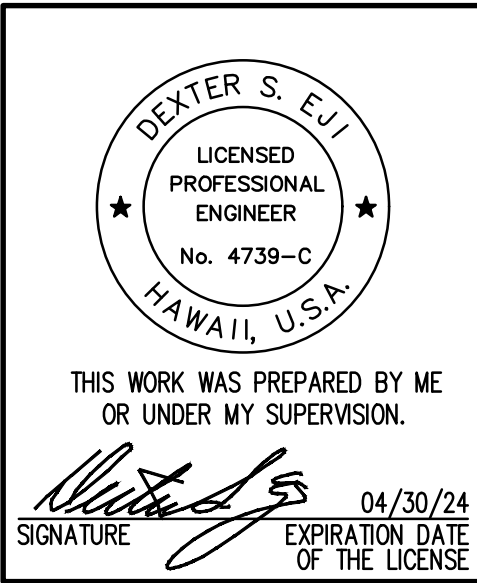
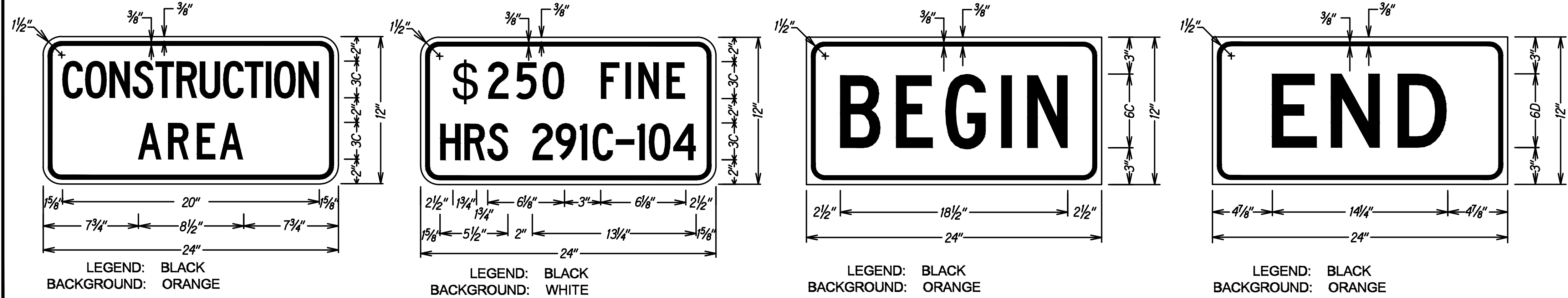
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HAWAII	HAW.	83B-01-09	2023	76	231



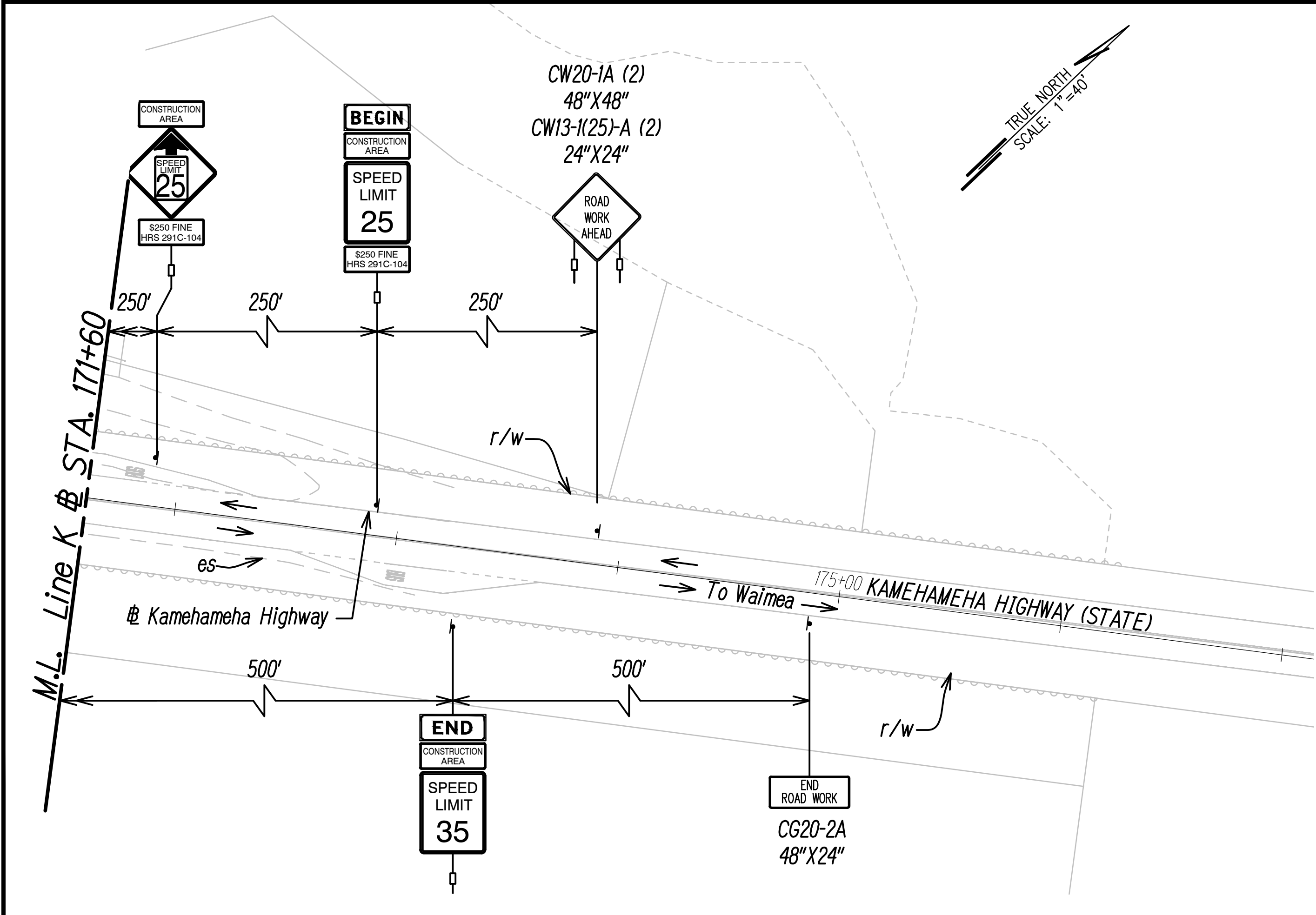
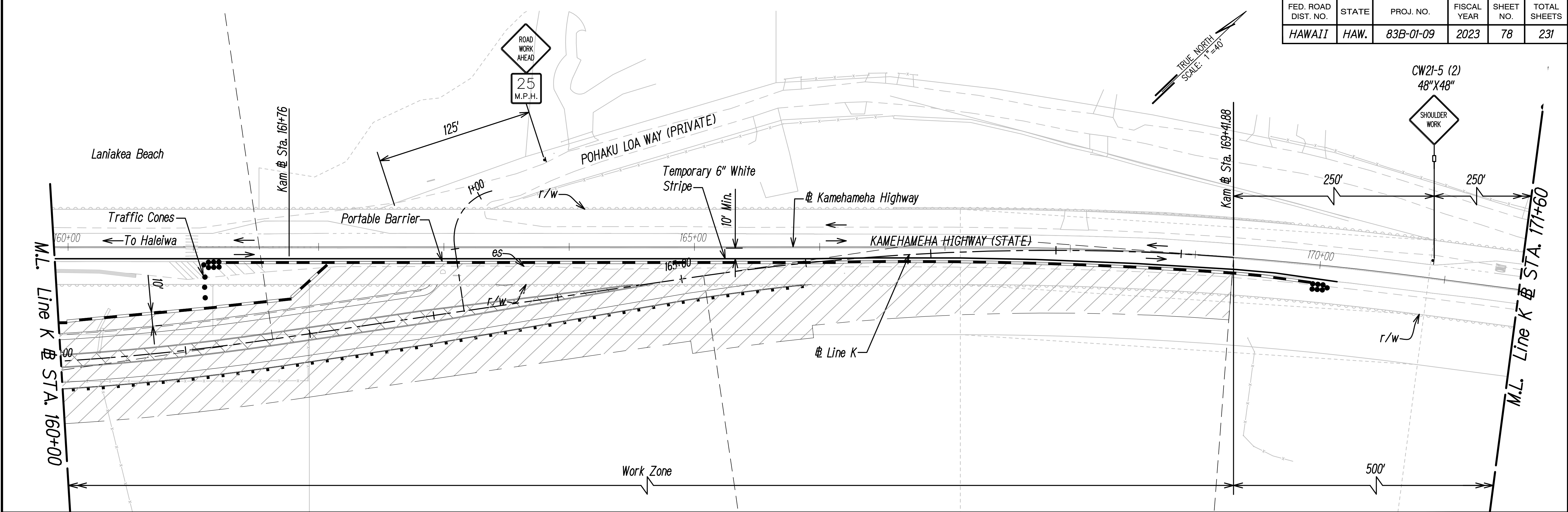
**TYPICAL DETAIL FOR CONSTRUCTION SIGNS
ON TWO LANE OR MULTILANE UNDIVIDED LOW SPEED HIGHWAY**

- 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 645 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 R2-5b(25) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" 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 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 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.
 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.
 8. The installation, maintenance and removal of work zone speed limit signs shall be paid for under Item No. 645.1000 - Traffic Control.
 9. The work zone speed limit signs shall be new and become the property of the Contractor.
 10. The Contractor shall adjust the locations of work zone signs to correspond with the beginning and end of work zone limits for each phase. Relocation of work zone signs shall be considered incidental to Item No. 645.1000 - Traffic Control.
 11. For sign location and speed limits, see Traffic Control Plan.



DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOW SPEED UNDIVIDED HIGHWAY WORK ZONE SIGNING PLAN, NOTES & DETAILS	
KAMEHAMEHA HIGHWAY DRAINAGE AND SAFETY IMPROVEMENTS Vicinity of Laniakaa Beach (MP 3.06 to MP 3.54) Project No. 83B-01-09	
Scale: None	Date: December 2022

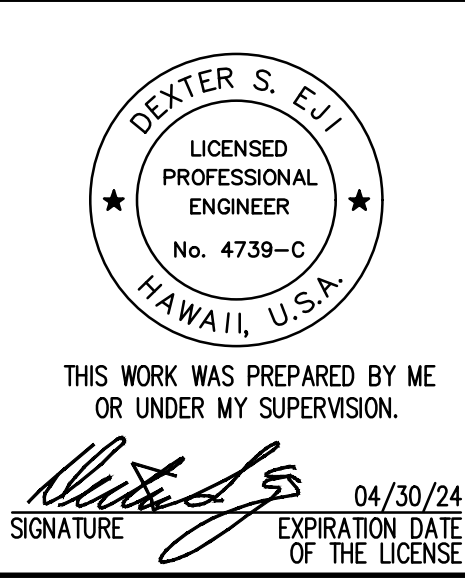
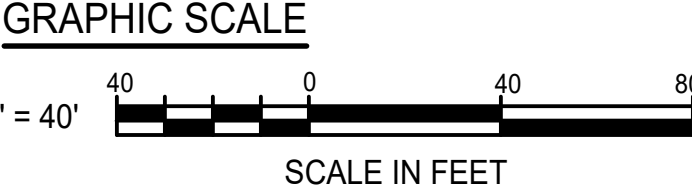
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	78	231



LEGEND

- Work Zone
- Temporary AC Pavement
- Direction of Travel
- Cones or Delineators
- Portable Barrier
- Barrier End Treatment
- Flashing Arrow Sign Board
- Sign
- Type III Barricade

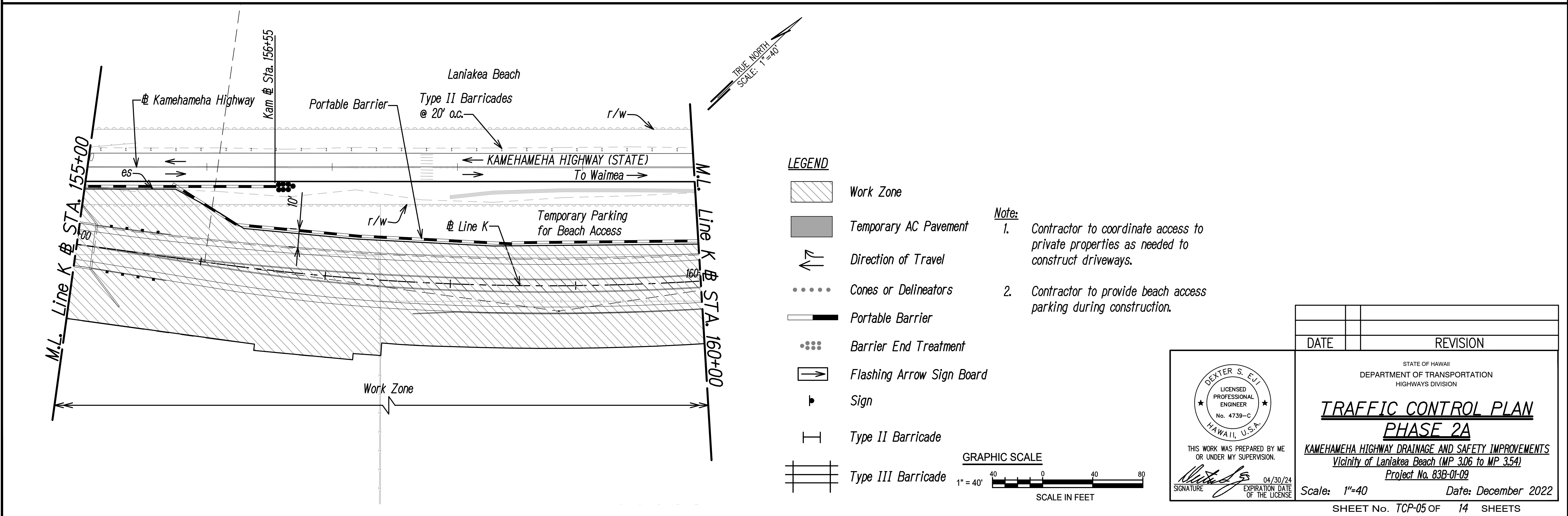
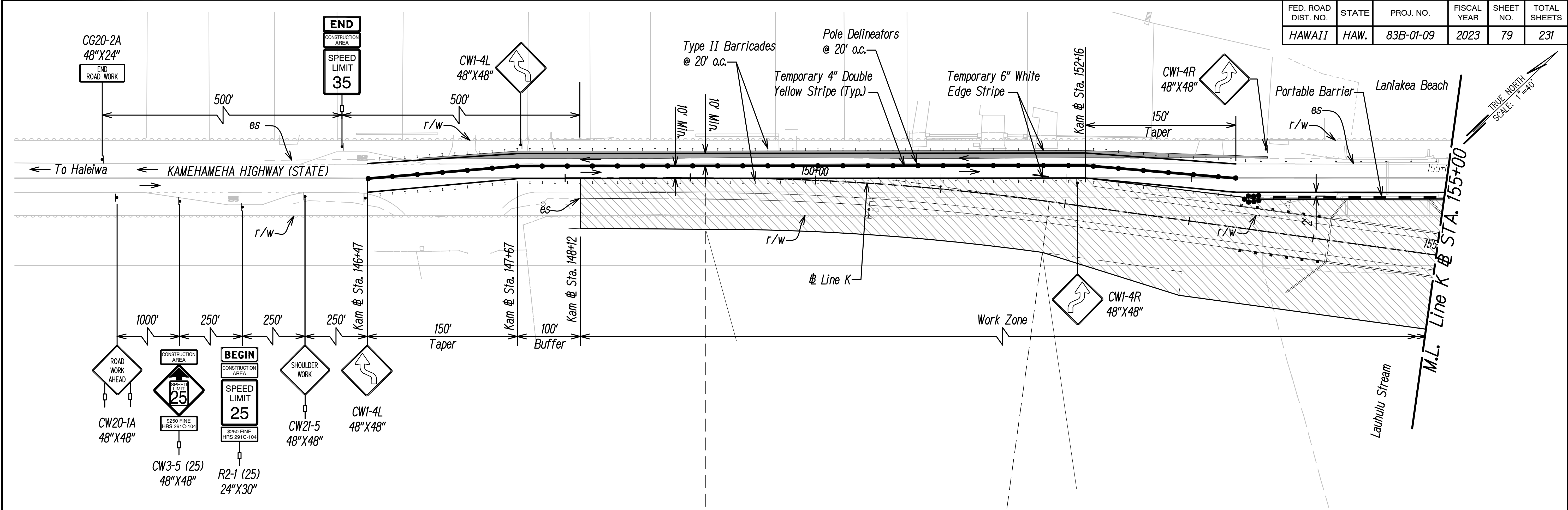
- Note:
- Contractor to coordinate access to private properties as needed to construct driveways.
 - Contractor to provide beach access parking during construction.



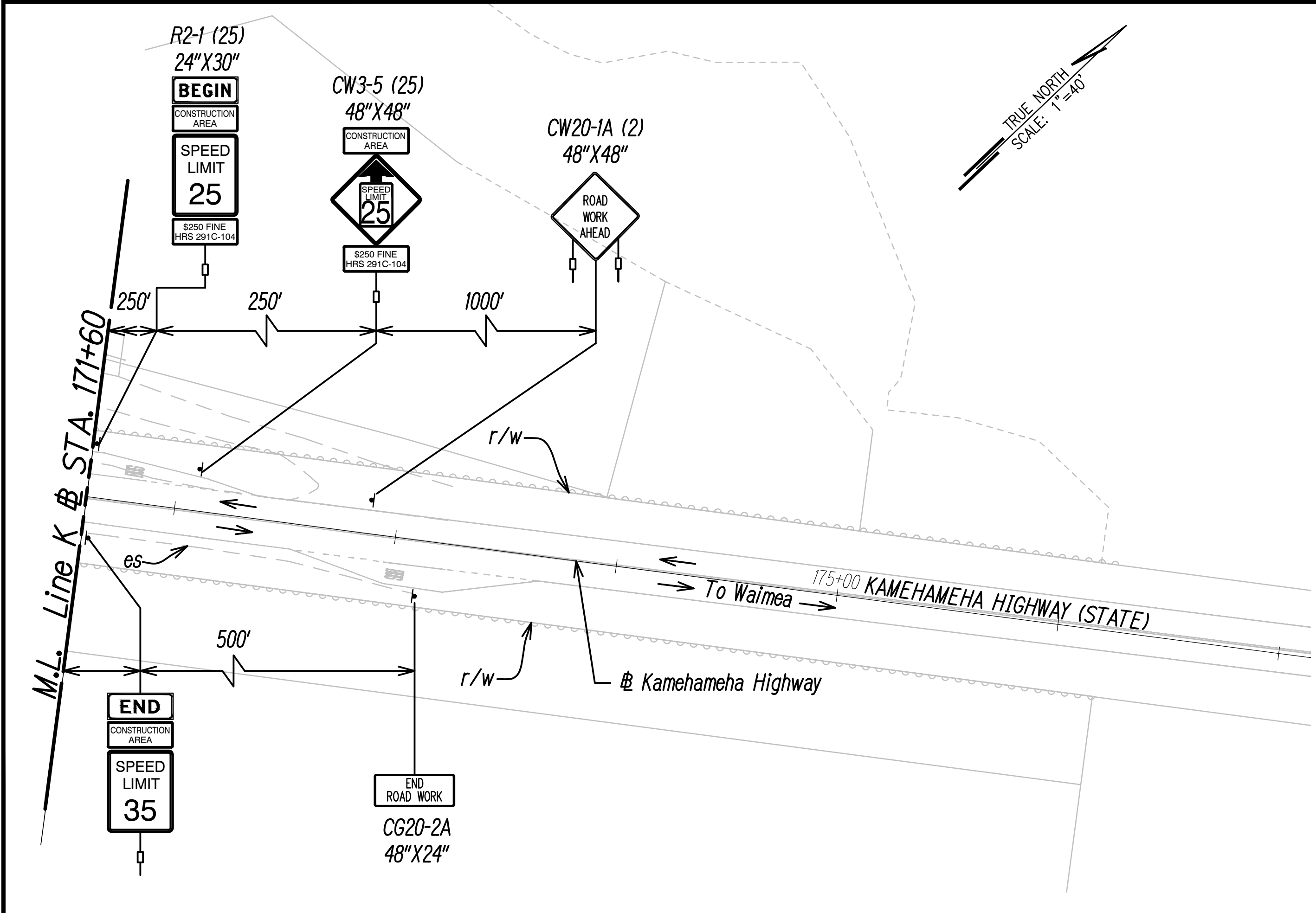
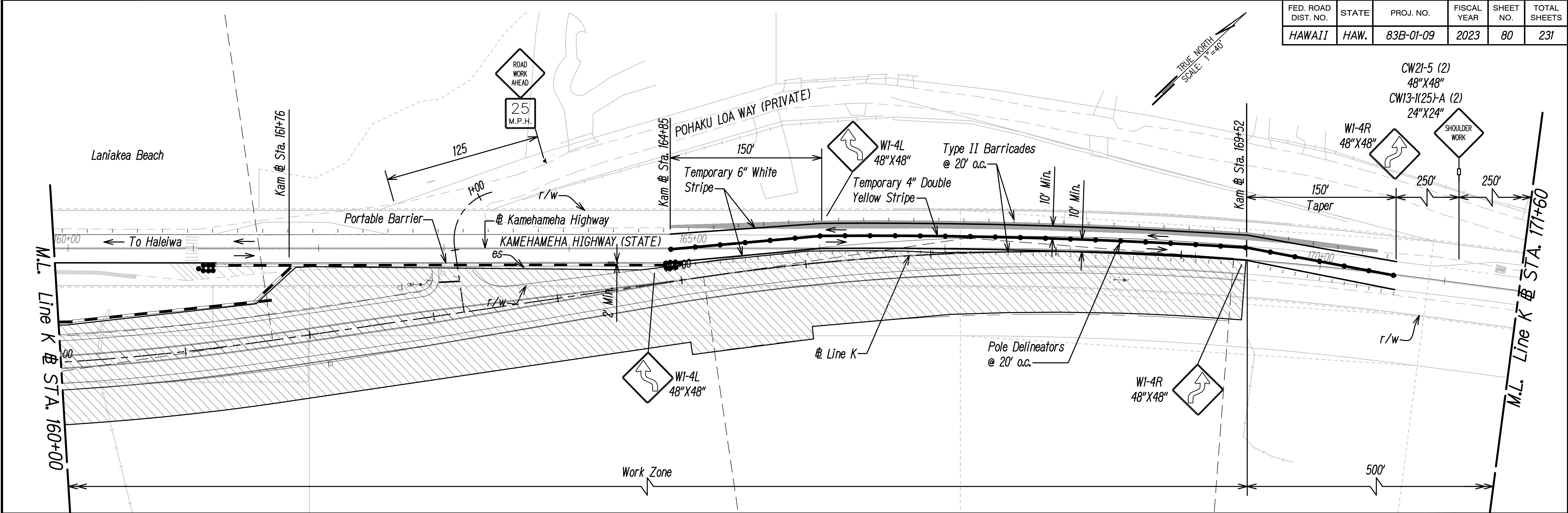
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STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC CONTROL PLAN PHASE 1	
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Scale: 1"=40'	Date: December 2022
SHEET No. TCP-04 OF 14 SHEETS	

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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	79	231



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	80	231



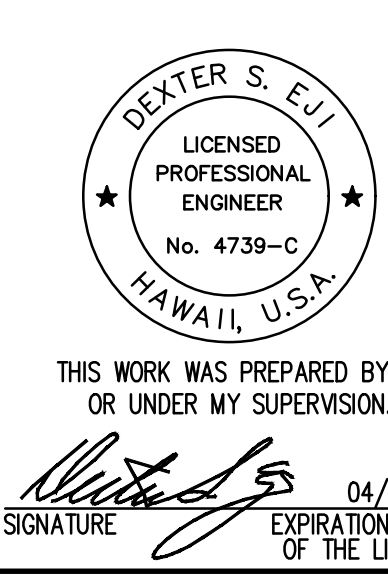
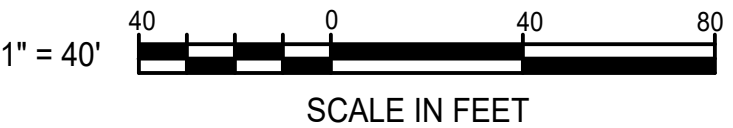
LEGEND

- Work Zone
- Temporary AC Pavement
- Direction of Travel
- Cones or Delineators
- Portable Barrier
- Barrier End Treatment
- Flashing Arrow Sign Board
- Sign
- Type III Barricade

Note:

- Contractor to coordinate access to private properties as needed to construct driveways.
- Contractor to provide beach access parking during construction.

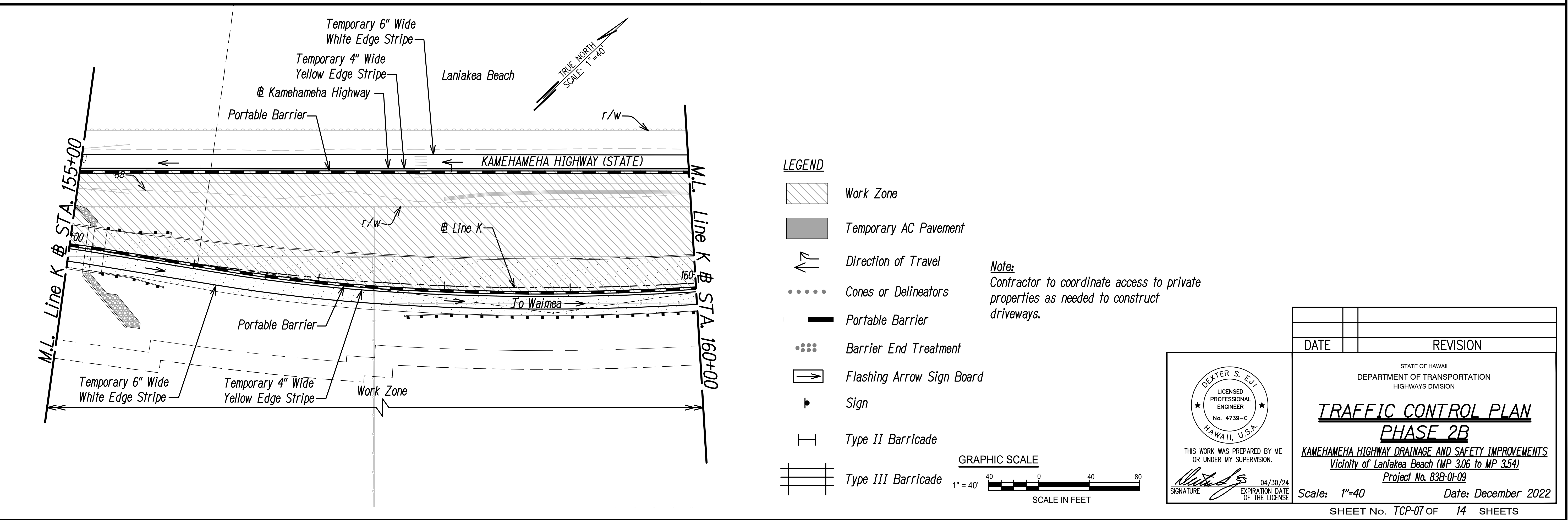
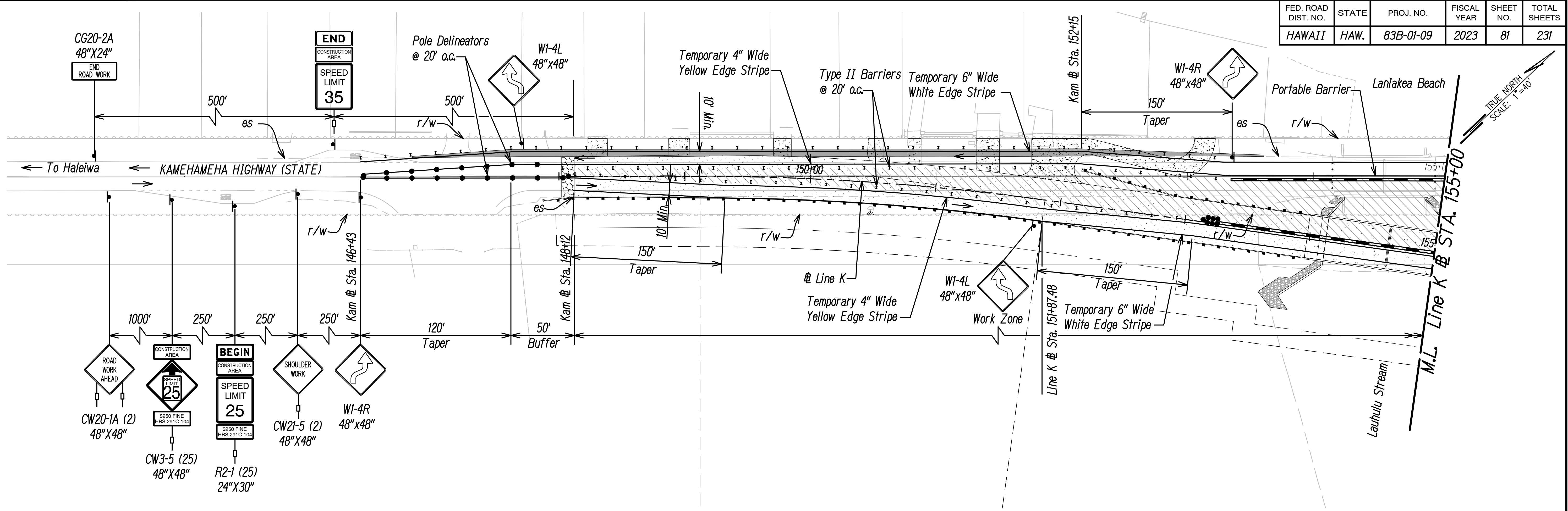
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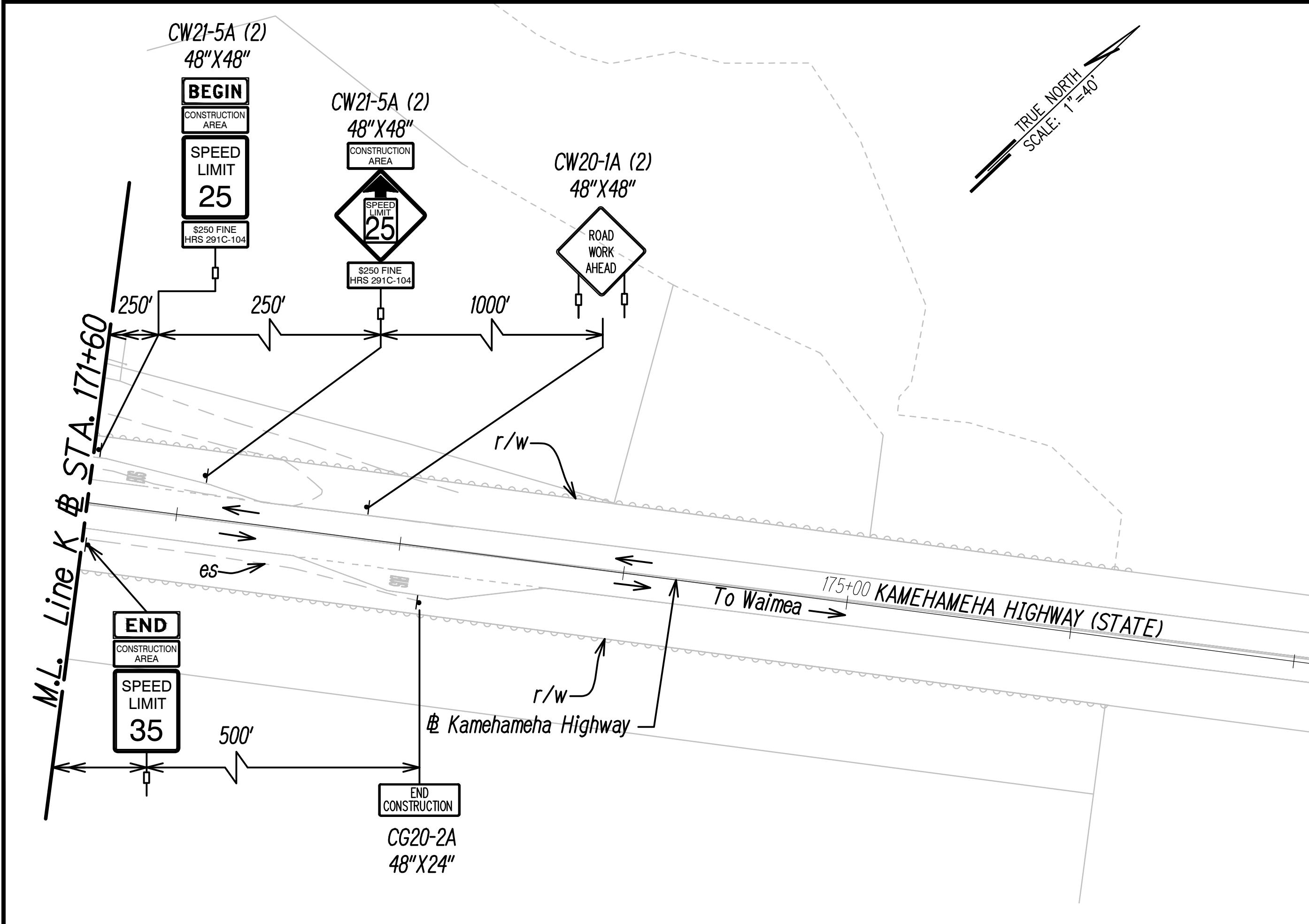
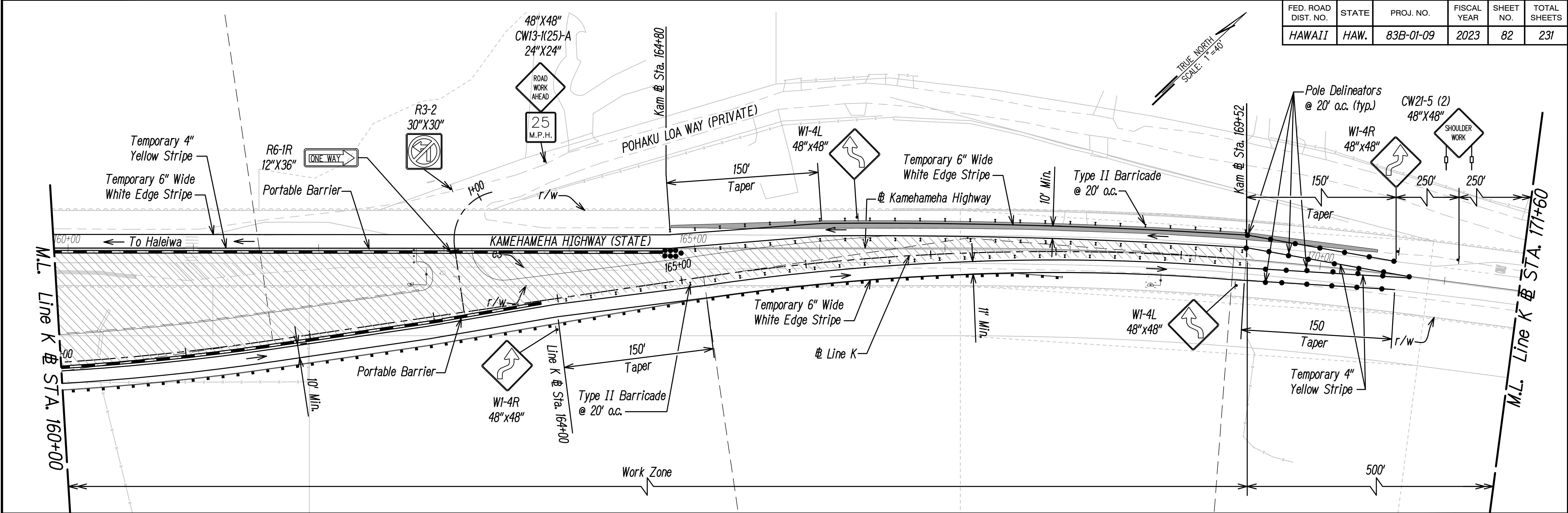
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Scale: 1"=40'	Date: December 2022
SHEET No. TCP-06 OF 14 SHEETS	

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ORIGINAL PLAN	
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	81	231



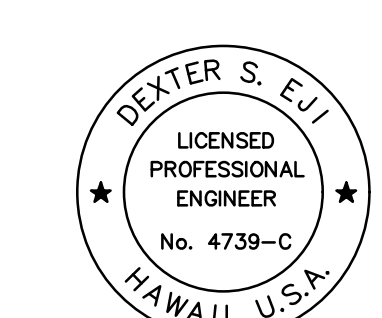
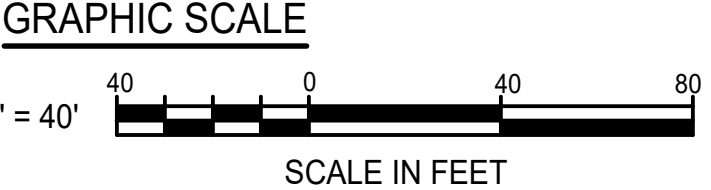
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HAWAII	HAW.	83B-01-09	2023	82	231



LEGEND

- Work Zone
- Temporary AC Pavement
- Direction of Travel
- Cones or Delineators
- Portable Barrier
- Barrier End Treatment
- Flashing Arrow Sign Board
- Sign
- Type II Barricade
- Type III Barricade

Note:
Contractor to coordinate access to private properties as needed to construct driveways.

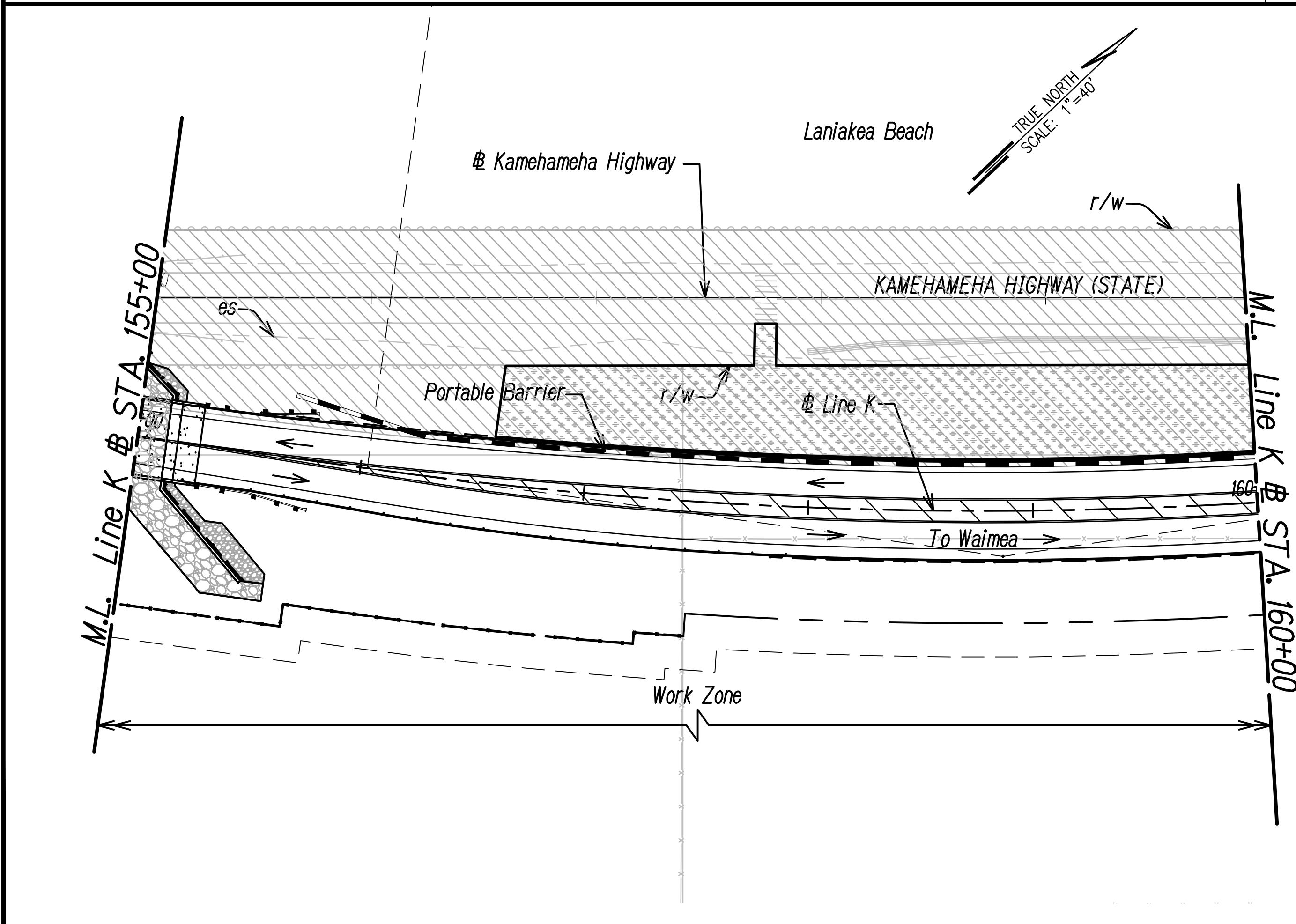
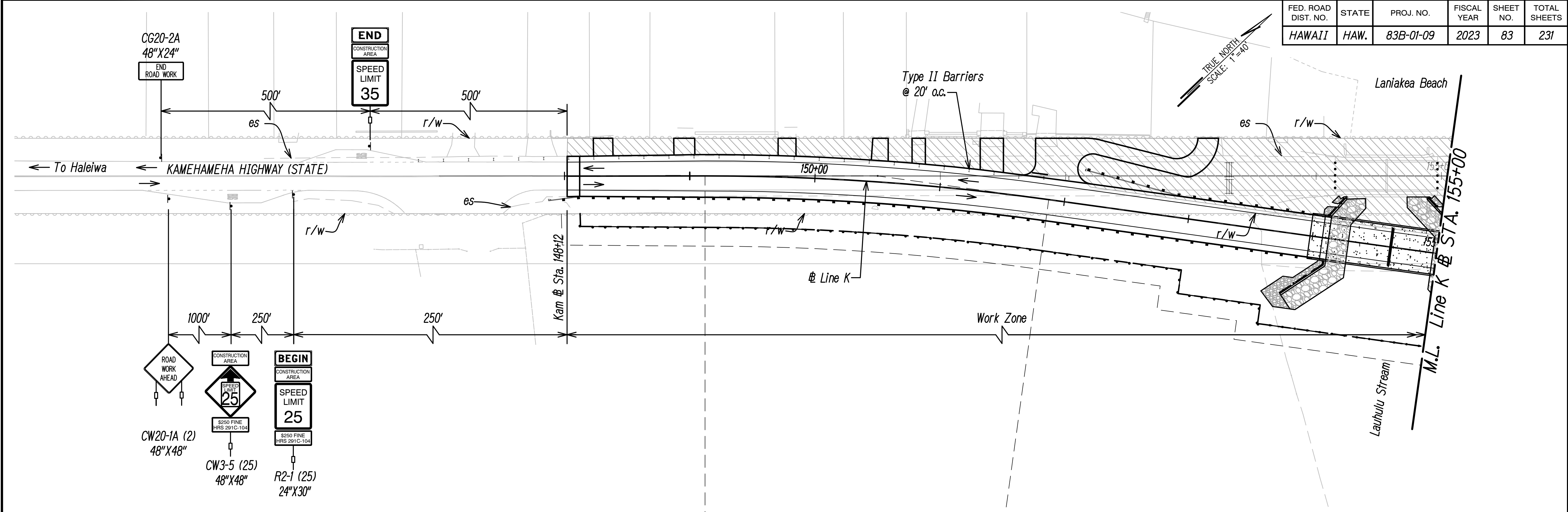


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DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC CONTROL PLAN PHASE 2B	
KAMEHAMEHA HIGHWAY DRAINAGE AND SAFETY IMPROVEMENTS Vicinity of Laniakaa Beach (MP 3.06 to MP 3.54) Project No. 83B-01-09	
Scale: 1"=40'	Date: December 2022
SHEET No. TCP-08 OF 14 SHEETS	

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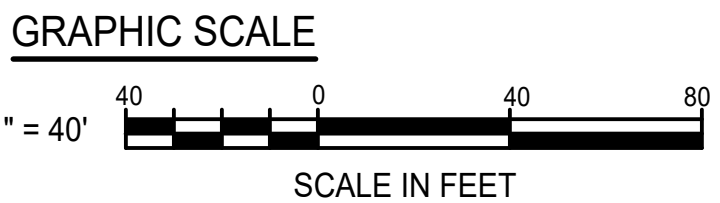
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HAWAII	HAW.	83B-01-09	2023	83	231



LEGEND

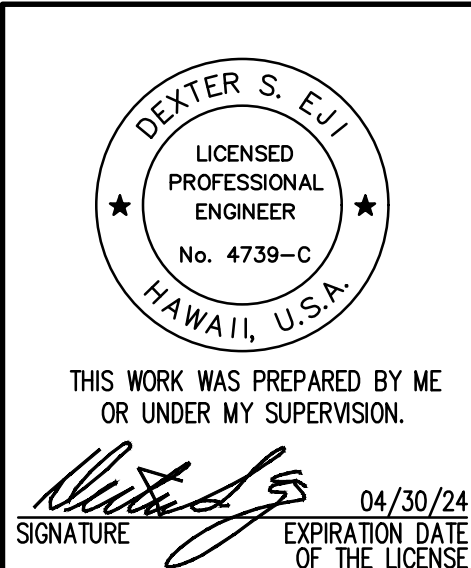
- Work Zone
- Temporary AC Pavement
- Direction of Travel
- Cones or Delineators
- Portable Barrier
- Barrier End Treatment
- Flashing Arrow Sign Board
- Sign
- Type II Barricade
- Type III Barricade

Note:
Contractor to coordinate access to private properties as needed to construct driveways.



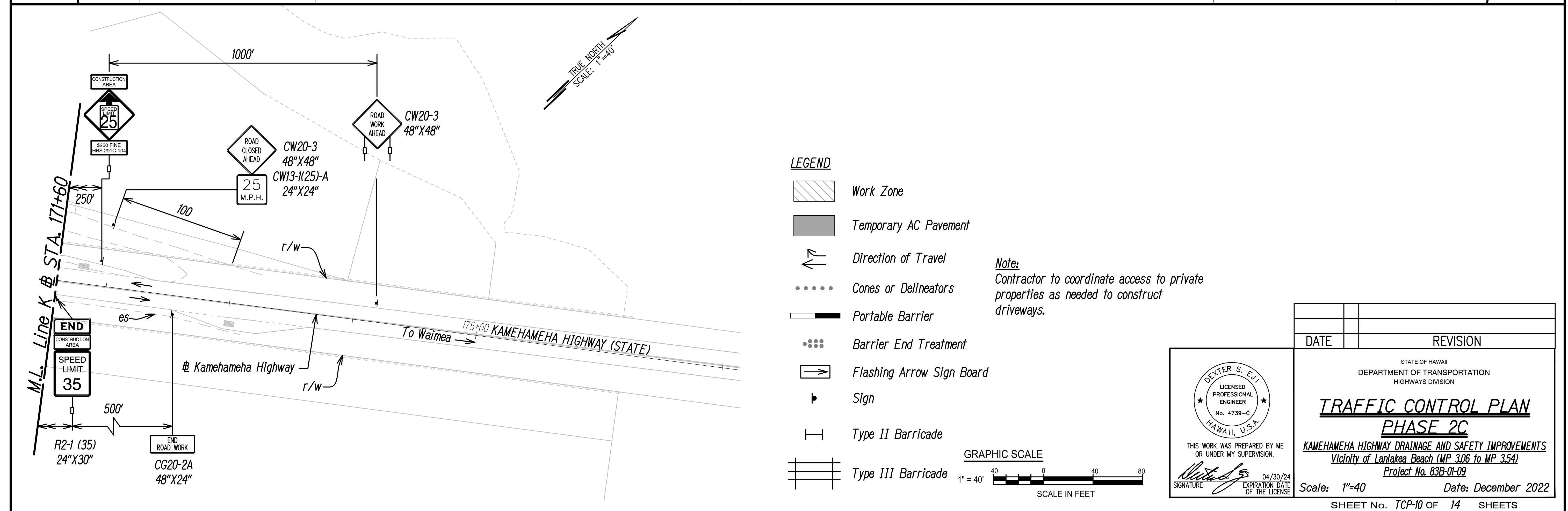
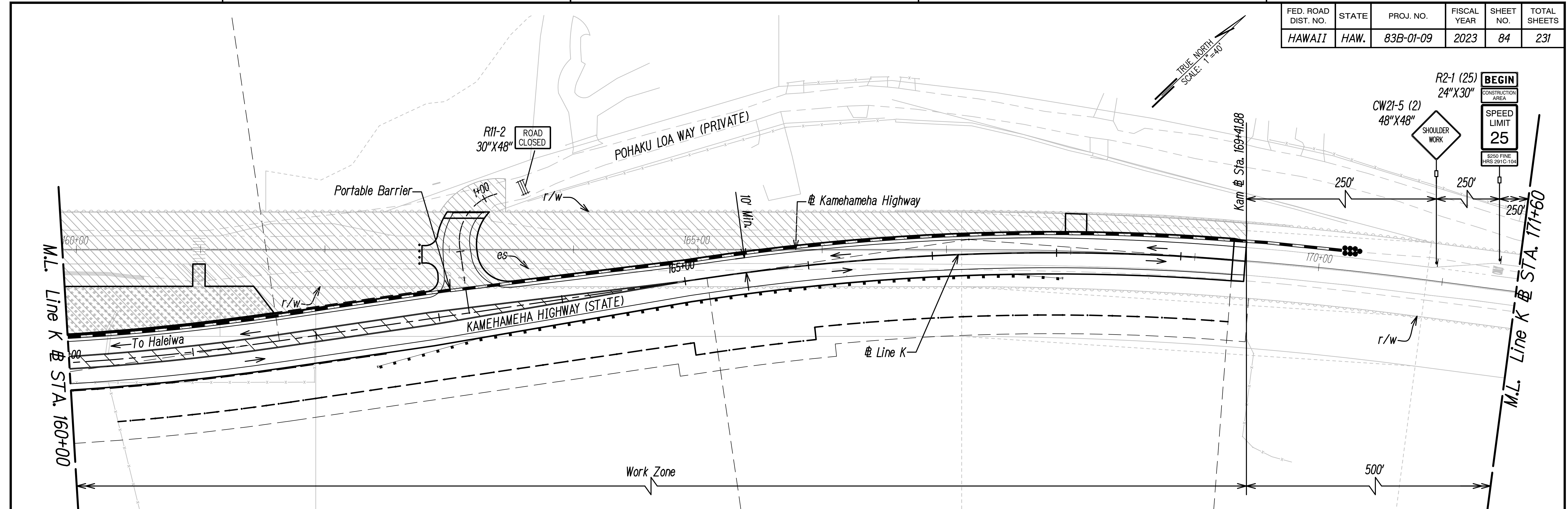
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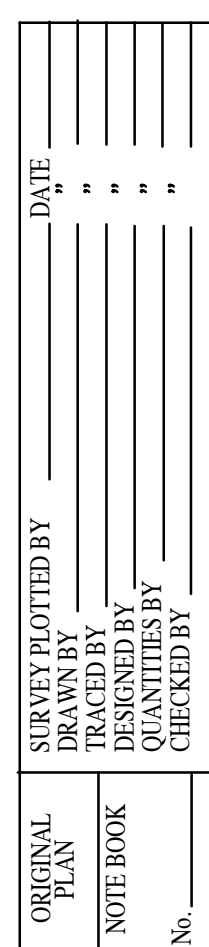
ORIGINAL PLAN	No.
NOTE BOOK	



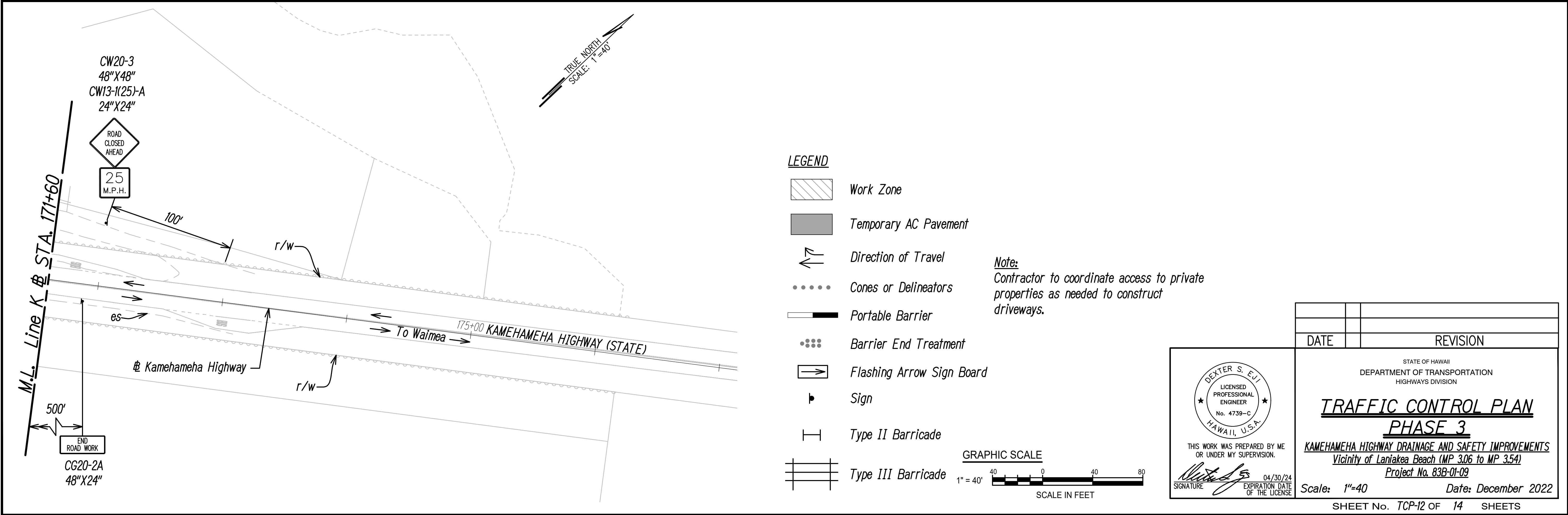
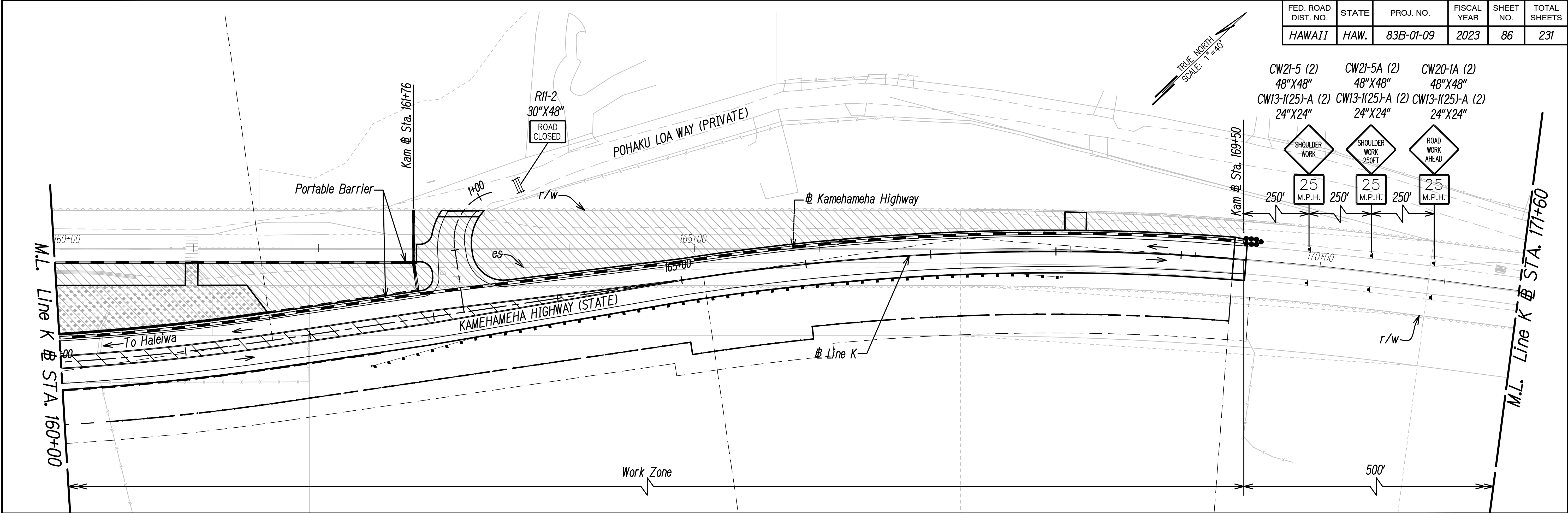
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC CONTROL PLAN PHASE 2C	
KAMEHAMEHA HIGHWAY DRAINAGE AND SAFETY IMPROVEMENTS Vicinity of Laniakea Beach (MP 3.06 to MP 3.54) Project No. 83B-01-09	
Scale: 1"=40'	Date: December 2022
SHEET No. TCP-09 OF 14 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	84	231



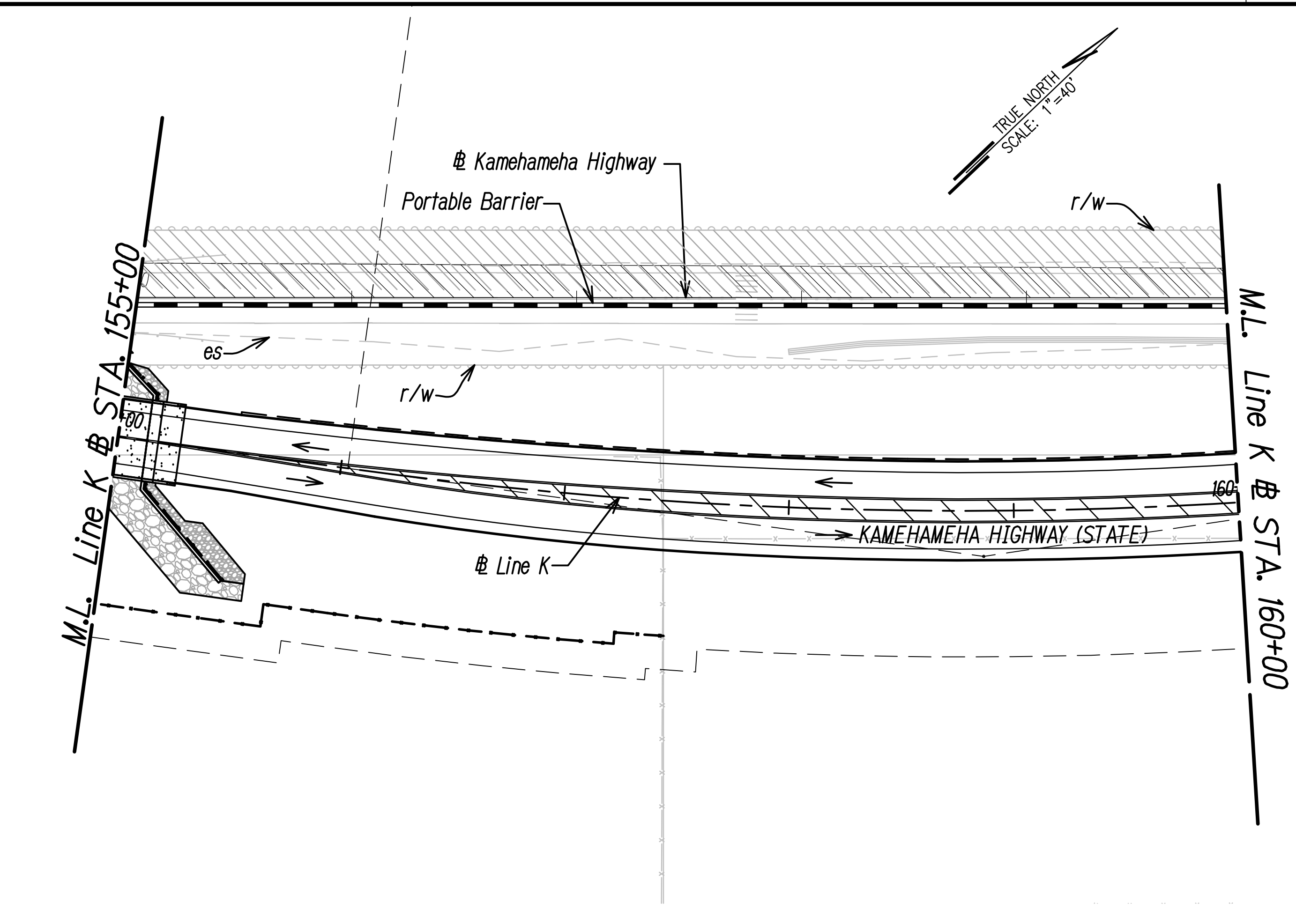
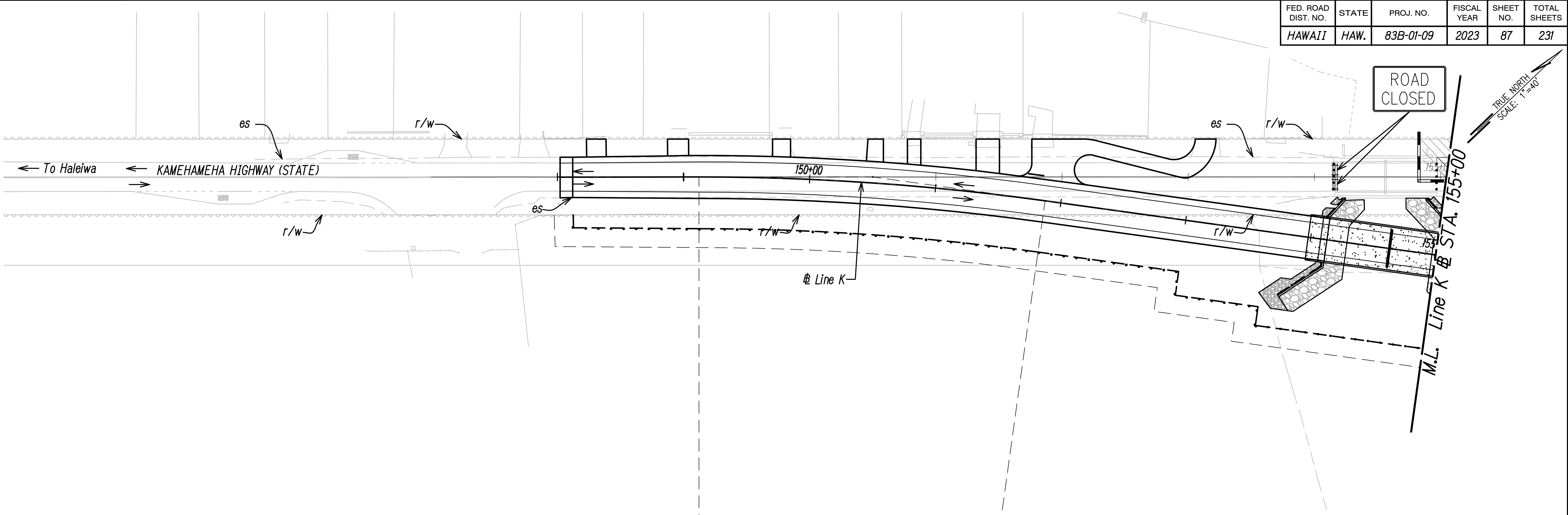


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	86	231



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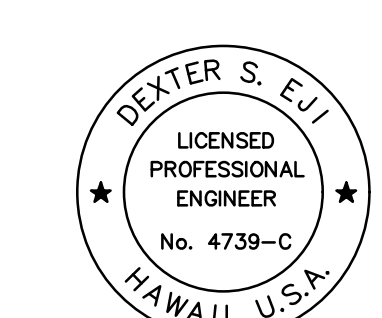
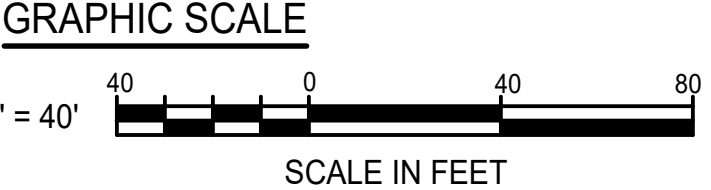
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	87	231



LEGEND

- Work Zone
- Temporary AC Pavement
- Direction of Travel
- Cones or Delineators
- Portable Barrier
- Barrier End Treatment
- Flashing Arrow Sign Board
- Sign
- Type II Barricade
- Type III Barricade

Note:
Contractor to coordinate access to private properties as needed to construct driveways.

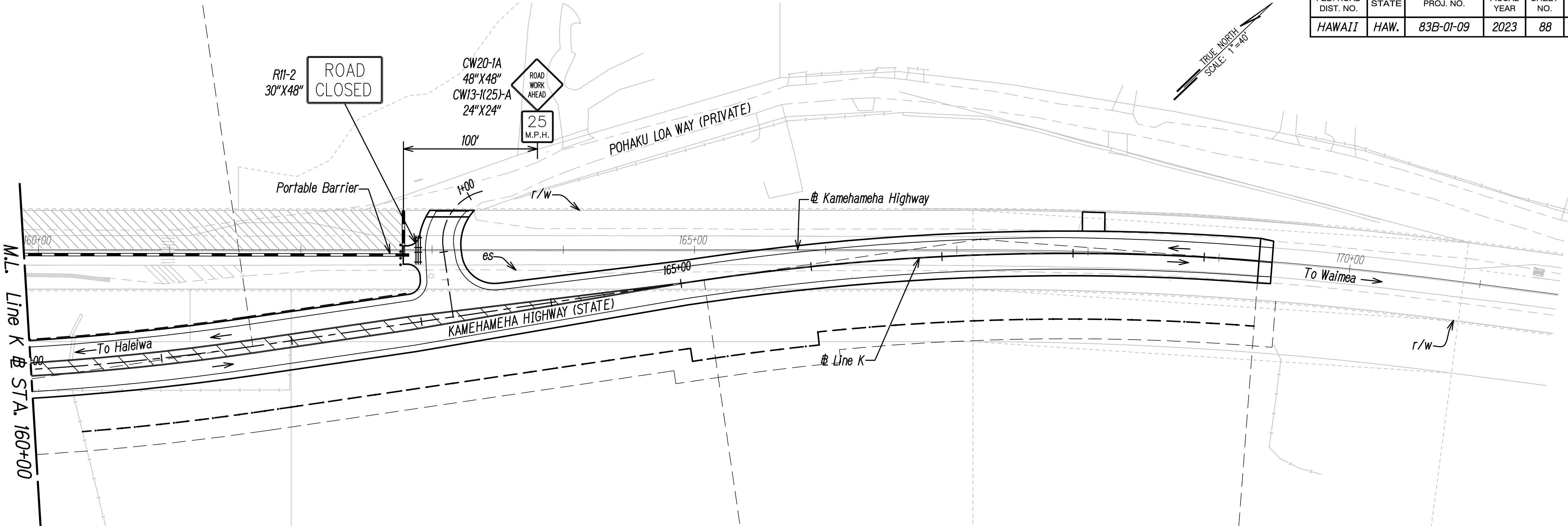


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DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC CONTROL PLAN PHASE 4	
KAMEHAMEHA HIGHWAY DRAINAGE AND SAFETY IMPROVEMENTS Vicinity of Laniakea Beach (MP 3.06 to MP 3.54) Project No. 83B-01-09	
Scale: 1"=40	Date: December 2022
SHEET No. TCP-13 OF 14 SHEETS	

STATES ROUTED BY	DATE
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QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
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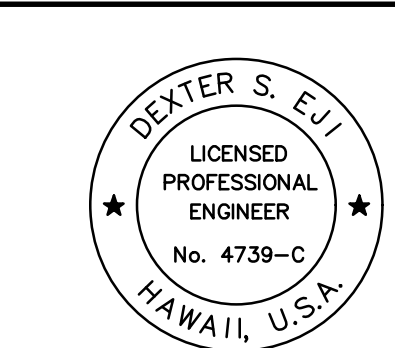
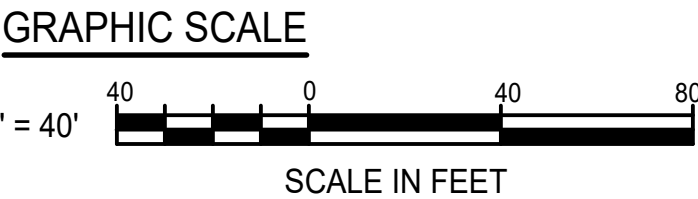
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-09	2023	88	231



LEGEND

- Work Zone
- Temporary AC Pavement
- Direction of Travel
- Cones or Delineators
- Portable Barrier
- Barrier End Treatment
- Flashing Arrow Sign Board
- Sign
- Type II Barricade
- Type III Barricade

Note:
Contractor to coordinate access to private properties as needed to construct driveways.



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SIGNATURE: *[Signature]* 04/30/24
EXPIRATION DATE OF THE LICENSE

DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<u>TRAFFIC CONTROL PLAN</u> <u>PHASE 4</u>	
KAMEHAMEHA HIGHWAY DRAINAGE AND SAFETY IMPROVEMENTS Vicinity of Laniakea Beach (MP 3.06 to MP 3.54) Project No. 83B-01-09	
Scale: 1"=40'	Date: December 2022
SHEET No. TCP-14 OF 14 SHEETS	

STATES QUOTED BY	DATE
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ORIGINAL PLAN	
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