

GENERAL NOTES FOR TRAFFIC CONTROL PLAN:

- The Permittee shall make Minor Adjustments at Intersections, Driveways, Bridges, Structures, etc., to Fit Field Conditions.
- Cones or Delineators shall be Extended to a Point where they are Visible to Approaching Traffic.
- 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.
- 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.
- Flaggers and/or Police Officers shall be in Sight of each Other or in Direct Communication at all Times.
- When Required by the issuing Officer, the Permittee shall Install a Flashing Arrow Signal as Shown on the Traffic Control Plans.
- Sign Spacings (L), Taper Lengths (T) and Spacing of Cones or Delineators Shall be as Shown in Table 1, Unless Otherwise Noted on the Traffic Control Plans.
- All Traffic Lanes shall be a Minimum of 10 Feet Wide.
- All Construction Warning Signs shall be Promptly Removed or Covered whenever the Message is not Applicable or not in Use.
- The Backs of all Signs used for Traffic Control shall be Appropriately Covered to Preclude the Display of Inapplicable Sign Messages (i.e., when Signs have Messages on Both Faces and Company Advertisements).
- Replace Permanent Pavement Markings and Traffic Signs Upon Completion of each Phase of Work.
- Contractor shall Install an Electronic Message Boards Prior to Start of Construction to Notify Motorists of Night Construction. Location of Sign to be Coordinated with HDOT.
- Contractor shall Coordinate all Lane Closures and Detours with any Other Construction Activities in the Area.

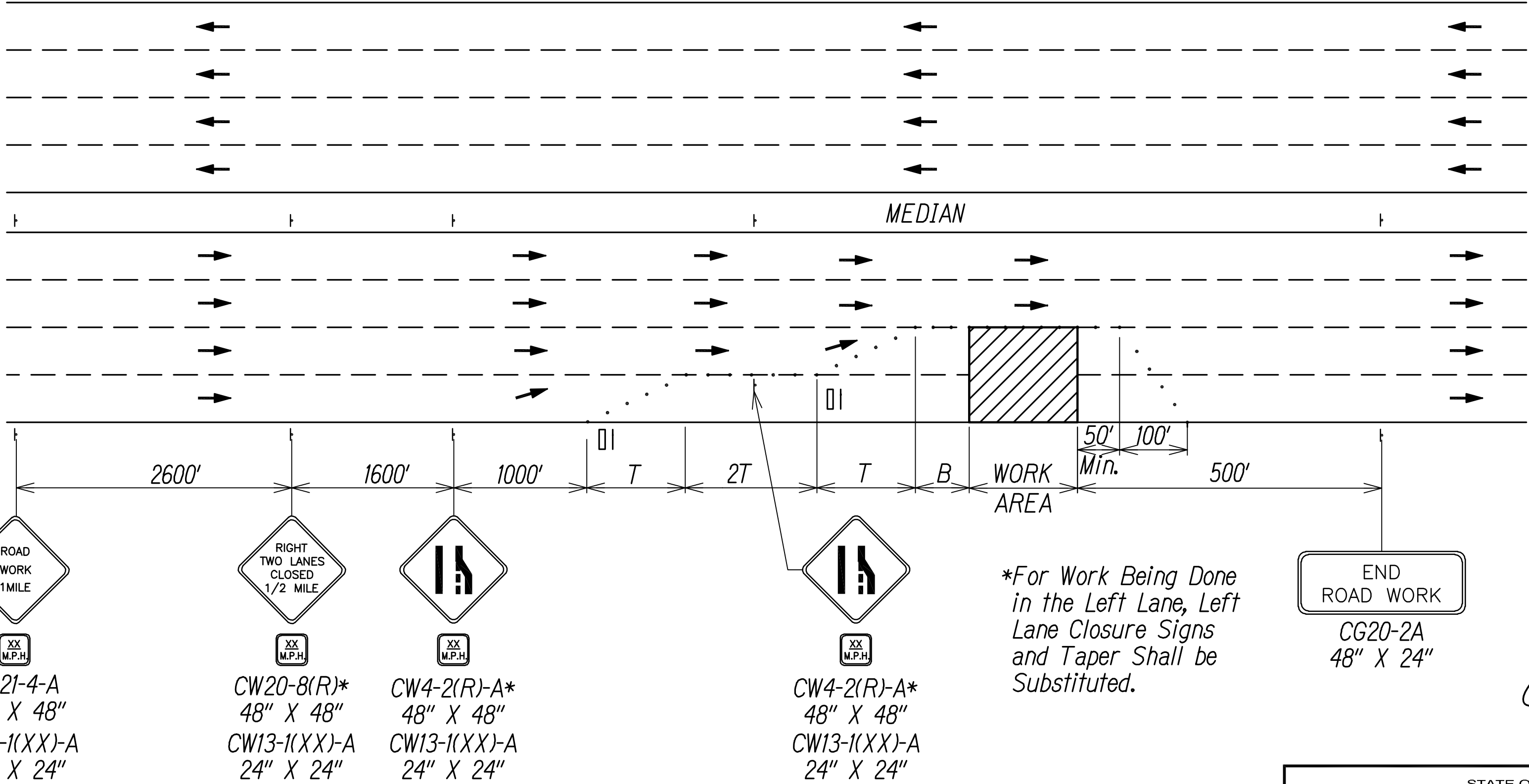
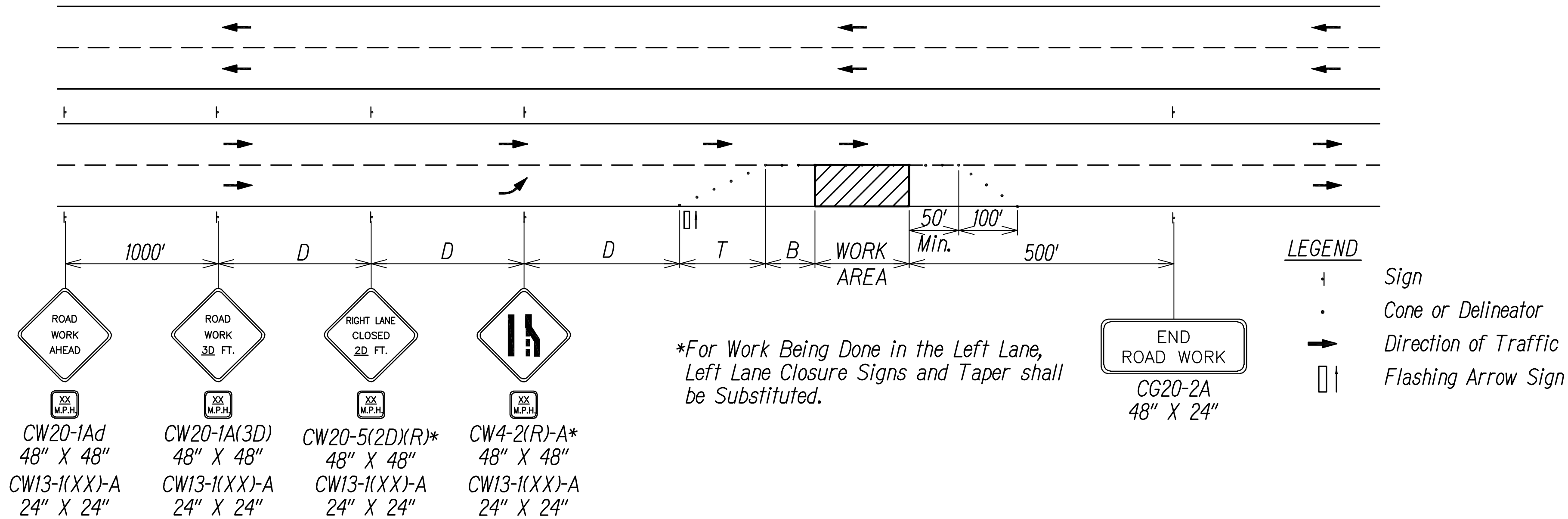
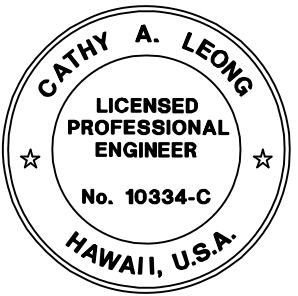


TABLE 1 FOR TRAFFIC CONTROL PLAN							
Posted Speed Limit (M.P.H.)	Sign Spacing (D) (Feet)	Taper Length (T) (Feet)		Longitudinal Buffer Space (B) (Feet)	Spacing of Cones or Delineators (Feet)		
		* W = 12' or Less	* W = Greater Than 12'		Taper	Tangent	Work Area
20	250	200	Wx17	35	20	20	10
25	250	200	Wx17	55	25	25	10
30	250	250	Wx20	85	30	30	10
35	250	250	Wx20	120	35	35	10
40	500	350	Wx30	170	40	40	10
45	500	550	Wx45	220	45	45	10
50	1000	600	Wx50	280	50	50	10
55	1000	700	Wx55	335	55	55	10
60	1000	1000	1000	500	60	60	10

\* W = Width of Lane, Shoulder, or Offset



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Cathy A. Leong  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE 4/30/2022

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

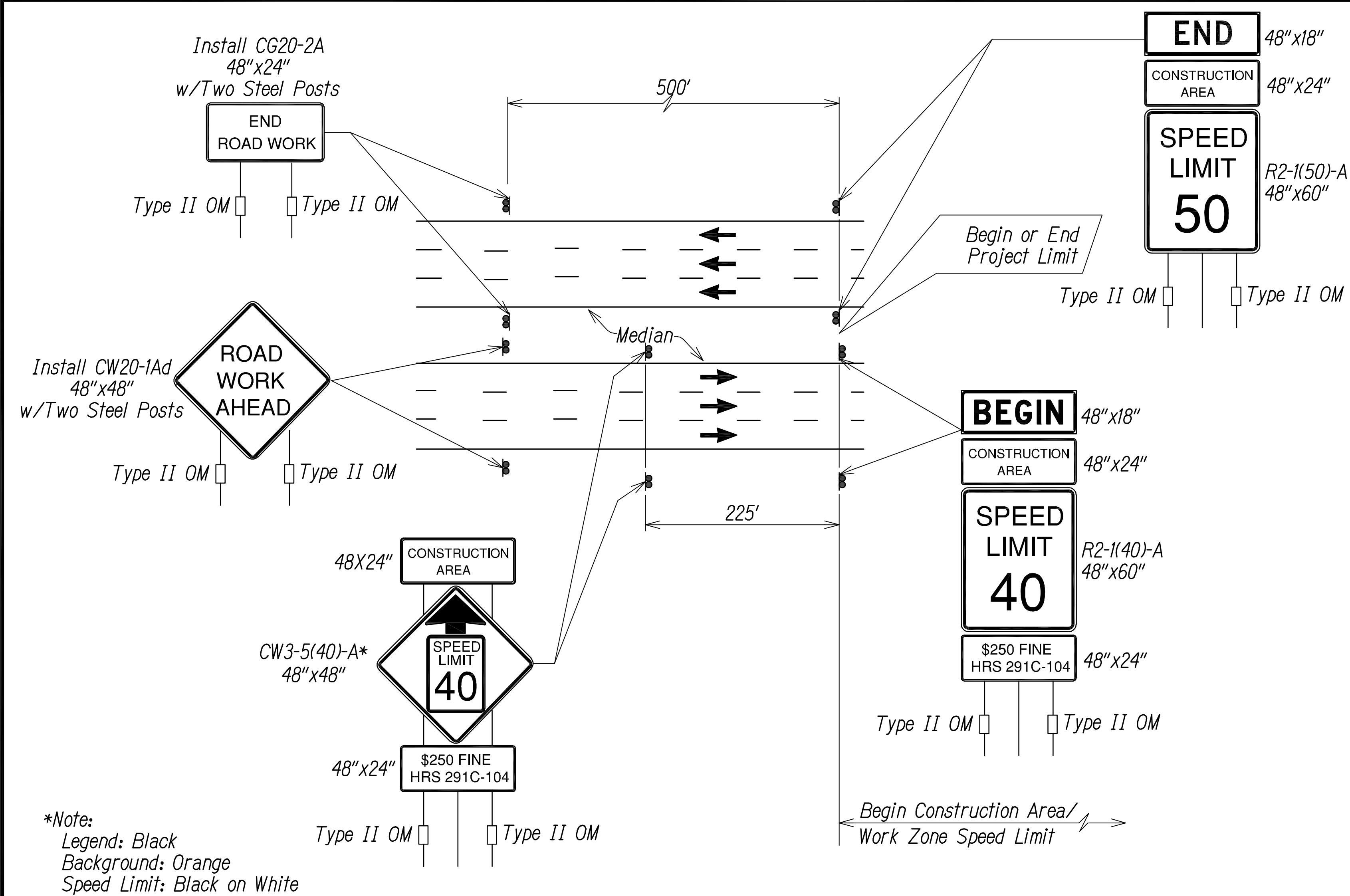
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H20(K006)

Scale: No Scale Date: July 2020

SHEET No. TC-1 OF 36 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	16	111

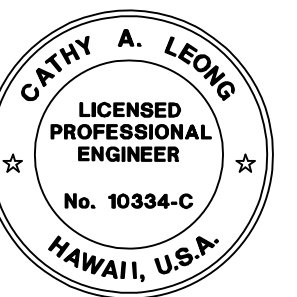
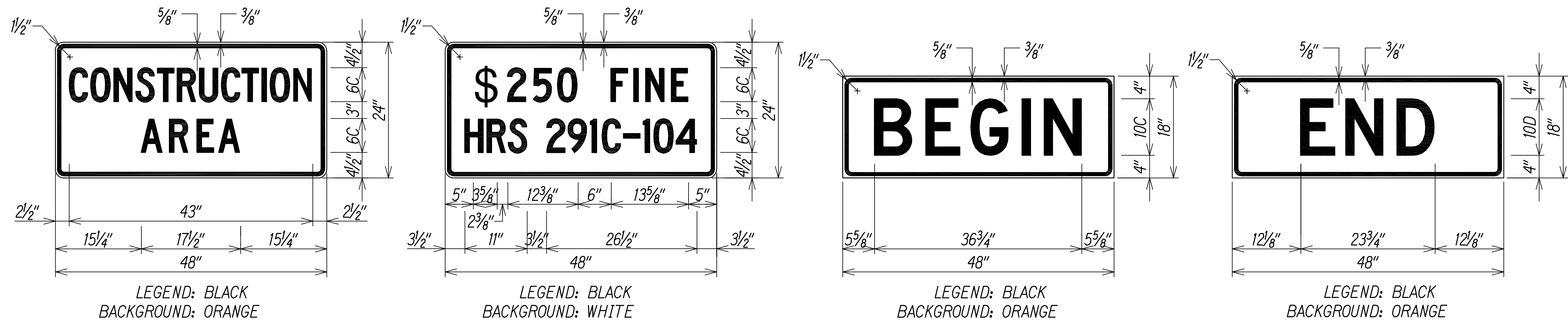


**WORK ZONE NOTES:**

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 within the work zone/project limits shall be covered and work zone speed limit sign assemblies (R2-1(40)-A and CW3-5(40)-A with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs) shall be displayed during lane closure hours.
3. Upon the removal of the lane closure, all work zone speed limit signs shall be covered and existing speed limit signs within the work zone/project limits shall be restored.
4. Construction signs shall be installed on both the approaching and trailing ends of each work zone.
5. Each construction sign shall have a minimum of two (2) Type II OM. Installation of each Type II OM shall be considered incidental to Item No. 645.0100, Traffic Control.
6. All work zone speed sign assembly shall be mounted on three (3) 4.00 lbs./ft. galvanized flanged channel sign posts with a sign clearance height of five (5) feet. Sign stiffeners as specified by Standard Plan Sheet TE-02 shall be installed as needed or as directed by the Engineer.
7. The daily covering and uncovering of existing regulatory speed limit signs along with the installation, maintenance, removal and daily covering and uncovering of work zone speed limit sign assemblies shall be considered incidental to Item No. 645.0100, Traffic Control.

\*Note:  
Legend: Black  
Background: Orange  
Speed Limit: Black on White

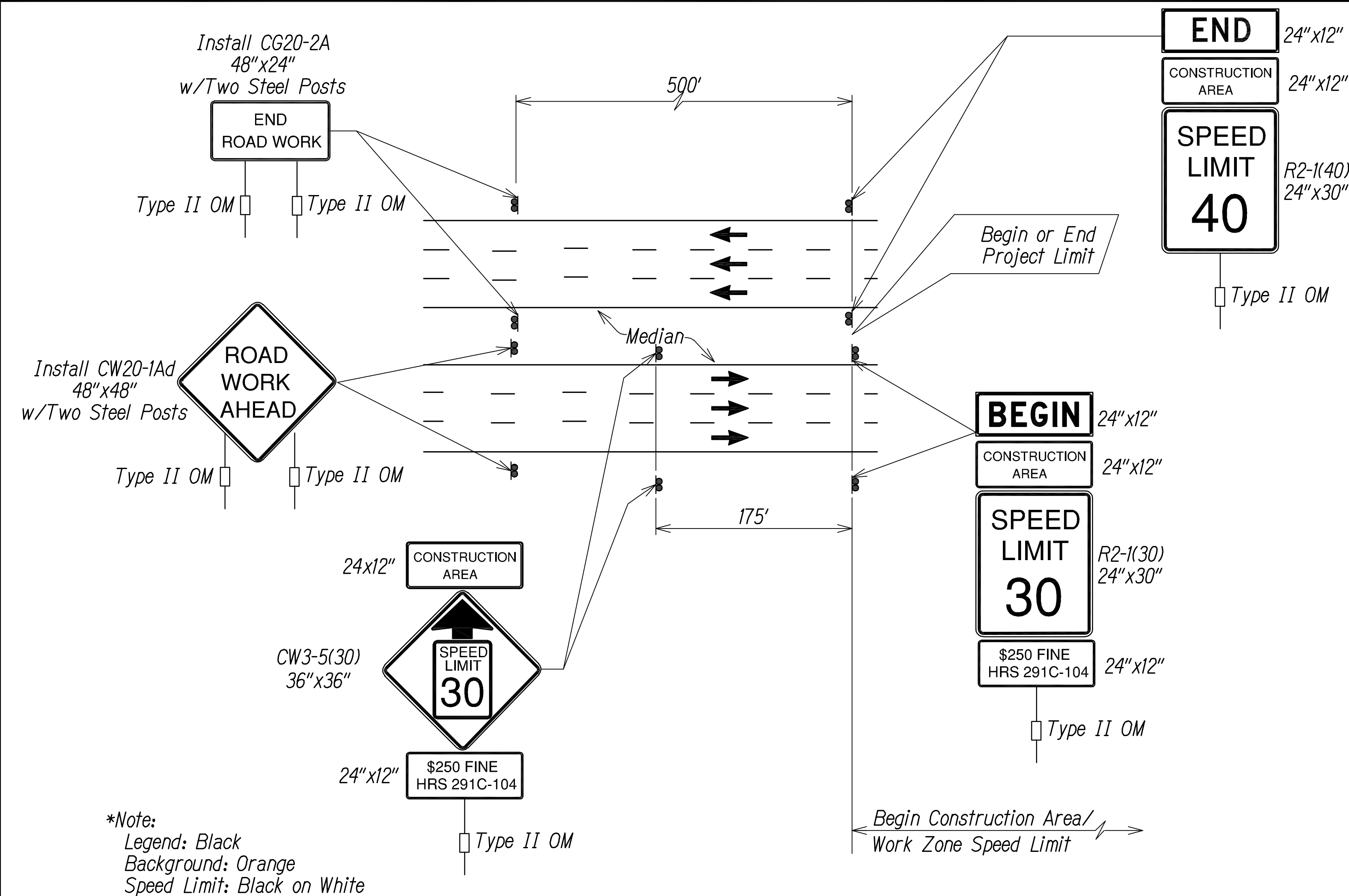
**TYPICAL DETAIL FOR CONSTRUCTION SIGNS  
ON FREEWAY**



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**FREEWAY WORK ZONE SIGNING**  
**PLAN, NOTES & DETAILS**  
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)  
Scale: No Scale Date: July 2020  
SHEET No. TC-2 OF 36 SHEETS

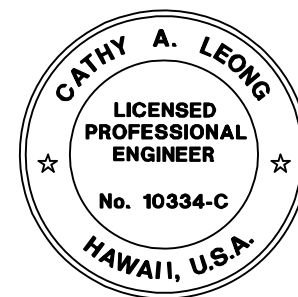
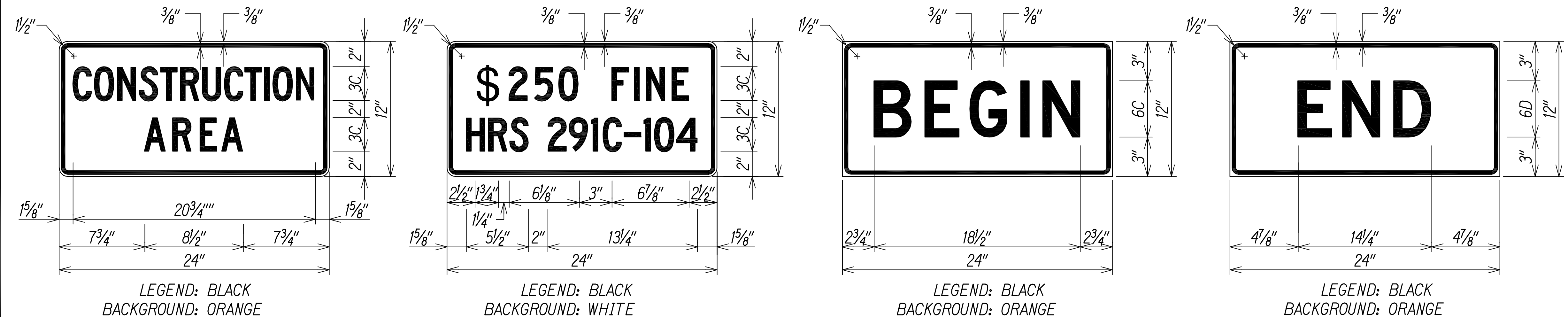
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	17	111



**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(30)-A and CW3-5(30)-A 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. 645.0100, 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 with new posts along with the installation, maintenance and removal of work zone speed limit sign assemblies shall be considered incidental to Item No. 645.0100, 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

**TYPICAL DETAIL FOR CONSTRUCTION SIGNS ON MULTILANE DIVIDED LOW SPEED HIGHWAY**

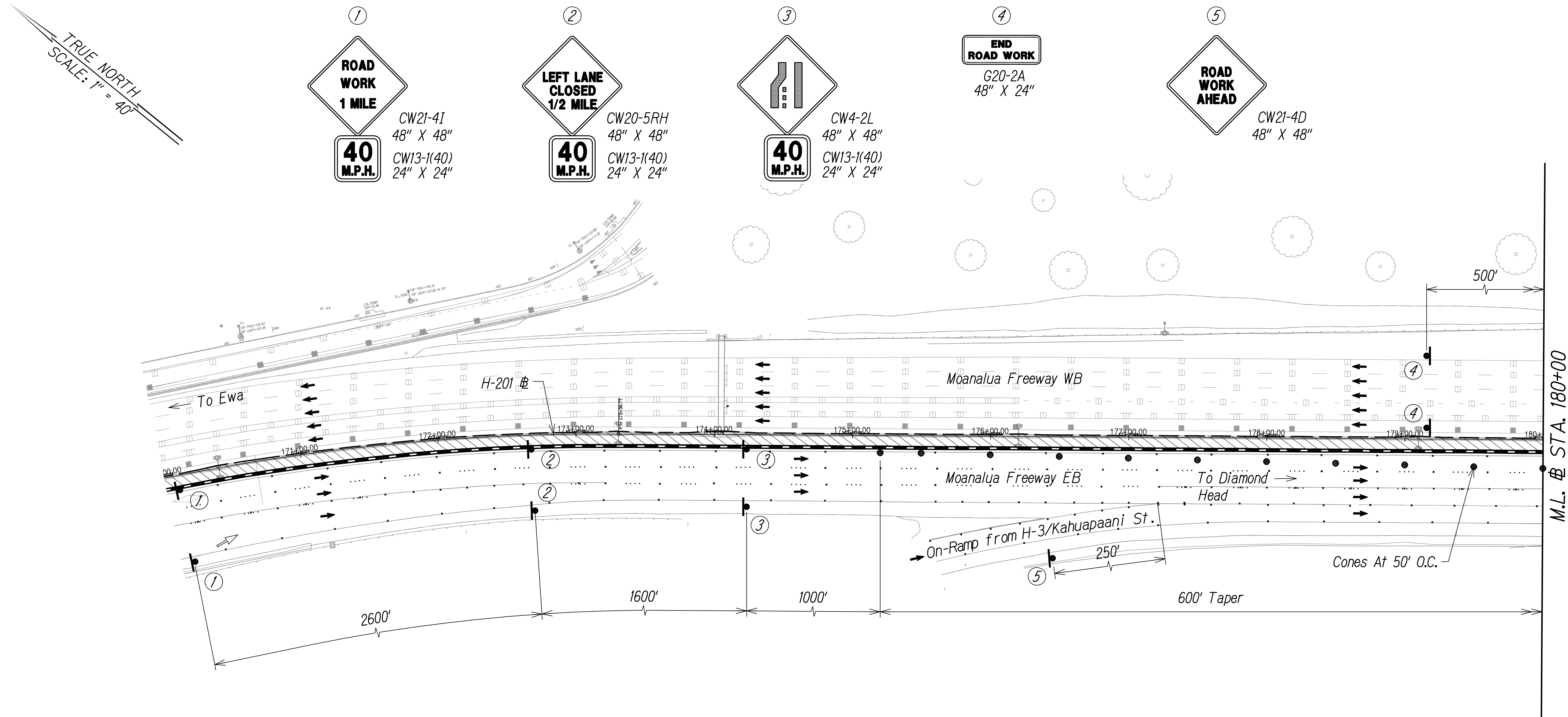


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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**LOW SPEED DIVIDED HIGHWAY**  
**WORK ZONE SIGNING PLAN, NOTES & DETAILS**  
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)  
Scale: No Scale Date: July 2020  
SHEET No. TC-3 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	18	111



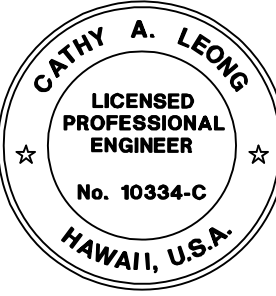
LEGEND

- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - TYPICAL (BASE SCOPE & ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

- NOTES:
1. Work Hours to Occur Between 9:00 p.m. to 4:00 a.m. (Sunday Night to Friday Morning).
  2. Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
  3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

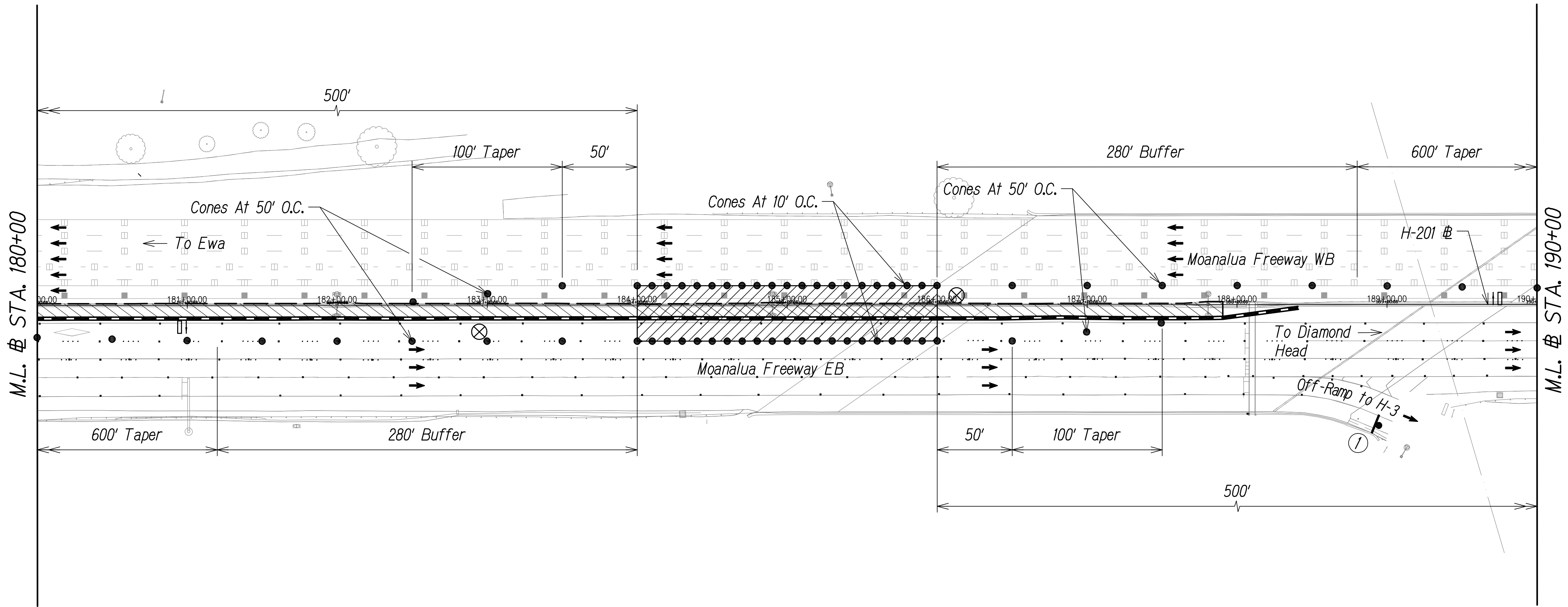
Scale: 1" = 40' Date: July 2020

SHEET No. TC-4 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	19	111



①  
**END  
ROAD WORK**  
G20-2A  
48" X 24"



**LEGEND**

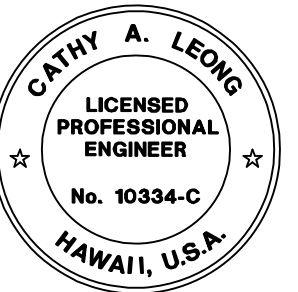
- ⊗ Special Duty Officer
- Cones or Delineators
- ➡ Sign
- ➡ Flow of Traffic
- ▮ Arrowboard Panel

**GRAPHIC SCALE:**  
40' 20' 0 40' 80'  
**SCALE:** 1" = 40'

**TRAFFIC CONTROL PLAN - TYPICAL (BASE SCOPE & ADDITIVE ALT. #1)**  
TEMPORARY CLOSURE  
**SCALE:** 1" = 40'

**NOTES:**

1. Work Hours to Occur Between 9:00 p.m. to 4:00 a.m. (Sunday Night to Friday Morning).
2. Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

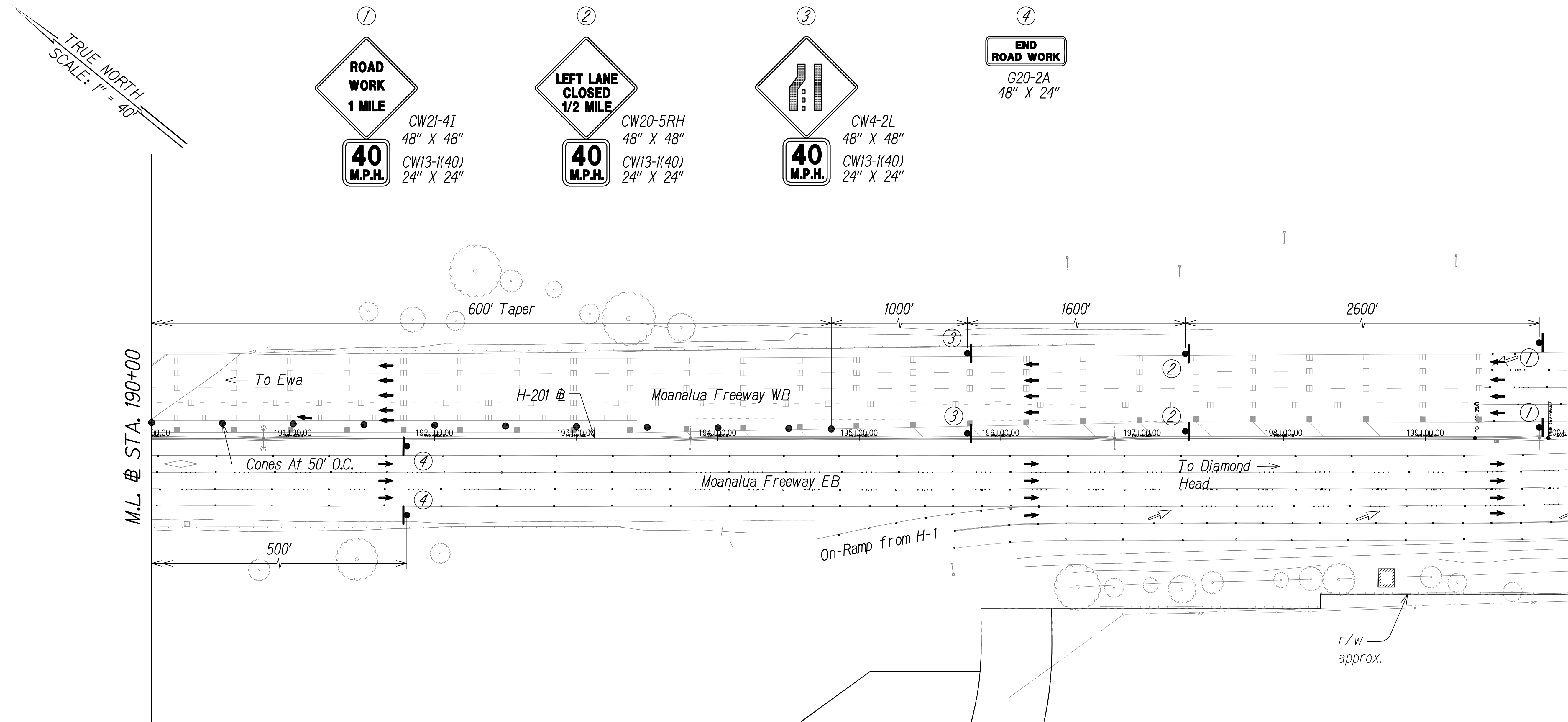
**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-5 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	20	111



LEGEND

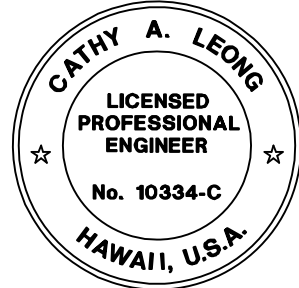
- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

NOTES:

1. Work Hours to Occur Between 9:00 p.m. to 4:00 a.m. (Sunday Night to Friday Morning).
2. Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

TRAFFIC CONTROL PLAN - TYPICAL (BASE SCOPE & ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'



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STATE OF HAWAII  
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HIGHWAYS DIVISION

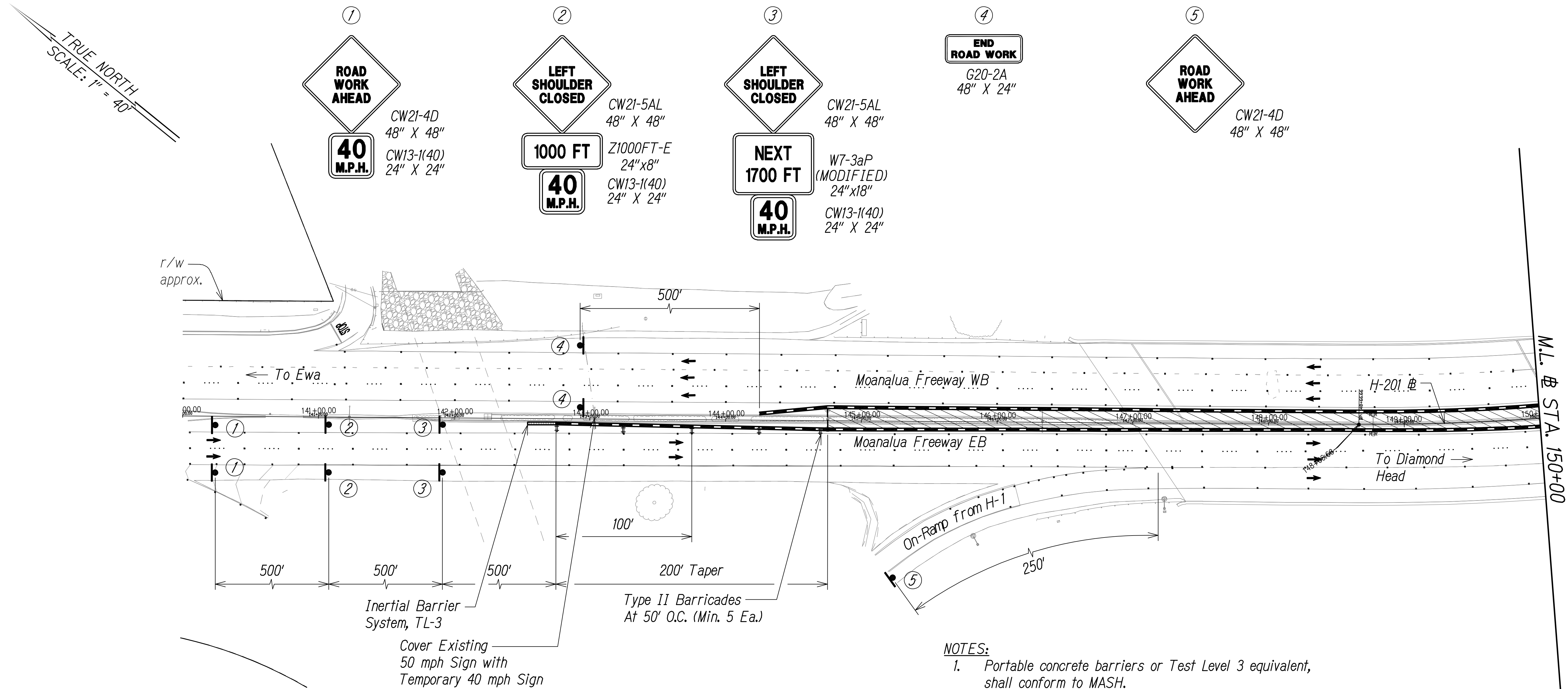
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-6 OF 36 SHEETS

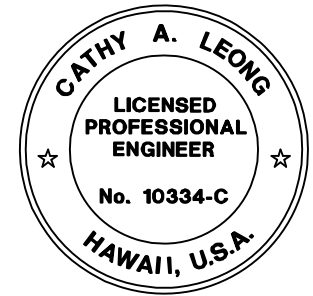
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	21	111



LEGEND

- |                           |                               |
|---------------------------|-------------------------------|
| Work Zone                 | Existing Sign                 |
| Concrete Barrier          | Flow of Traffic               |
| Sign                      | Inertial Barrier System, TL-3 |
| Temporary Solid Striping  | Type II Barricade             |
| Temporary Dashed Striping |                               |
| Temporary White Guideline |                               |

- NOTES:
- Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
  - Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report350 - Test Level 3 hardware purchased prior to December 31, 2018.
  - Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 1 (BASE SCOPE)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

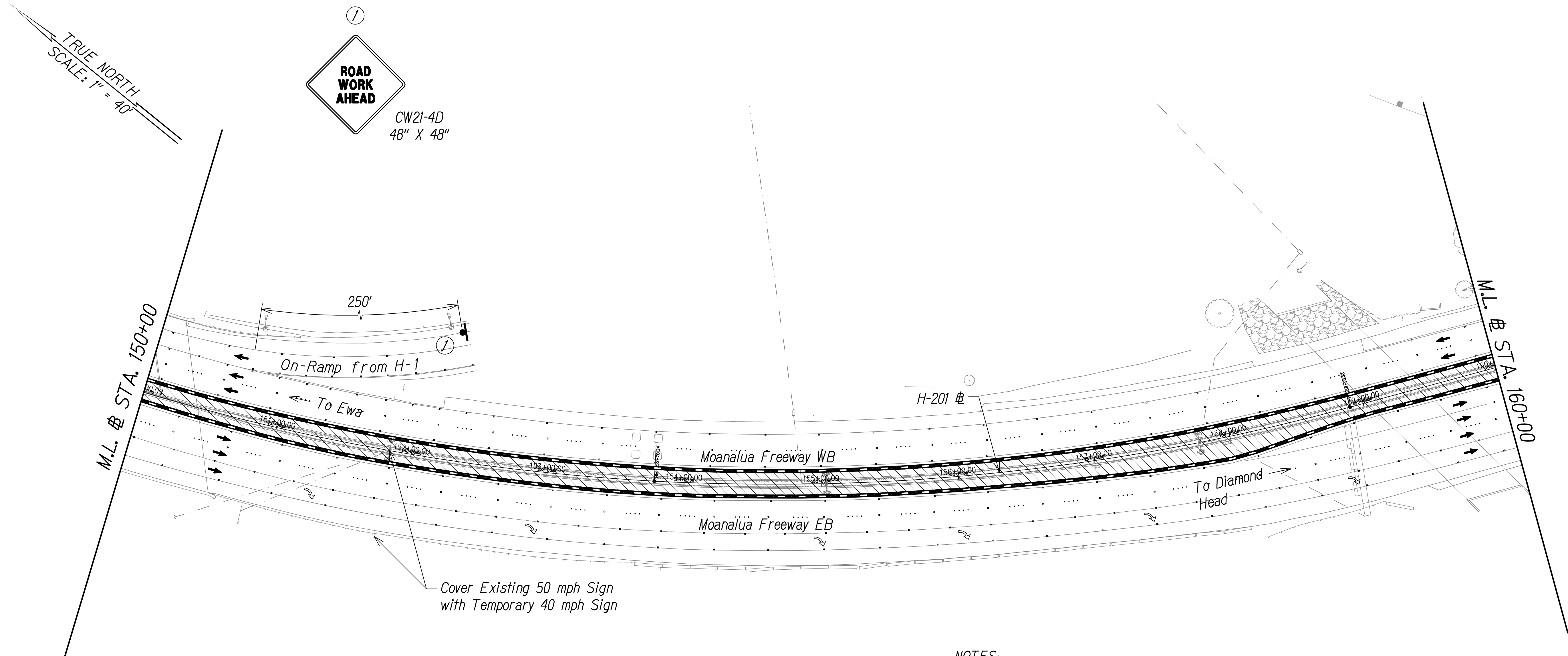
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-7 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	22	111

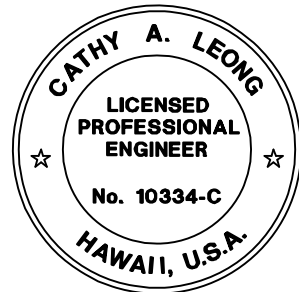


LEGEND

- |                           |                               |
|---------------------------|-------------------------------|
| Work Zone                 | Existing Sign                 |
| Concrete Barrier          | Flow of Traffic               |
| Sign                      | Inertial Barrier System, TL-3 |
| Temporary Solid Striping  | Type II Barricade             |
| Temporary Dashed Striping |                               |
| Temporary White Guideline |                               |

NOTES:

- Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
- Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
- Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

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

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 1 (BASE SCOPE)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

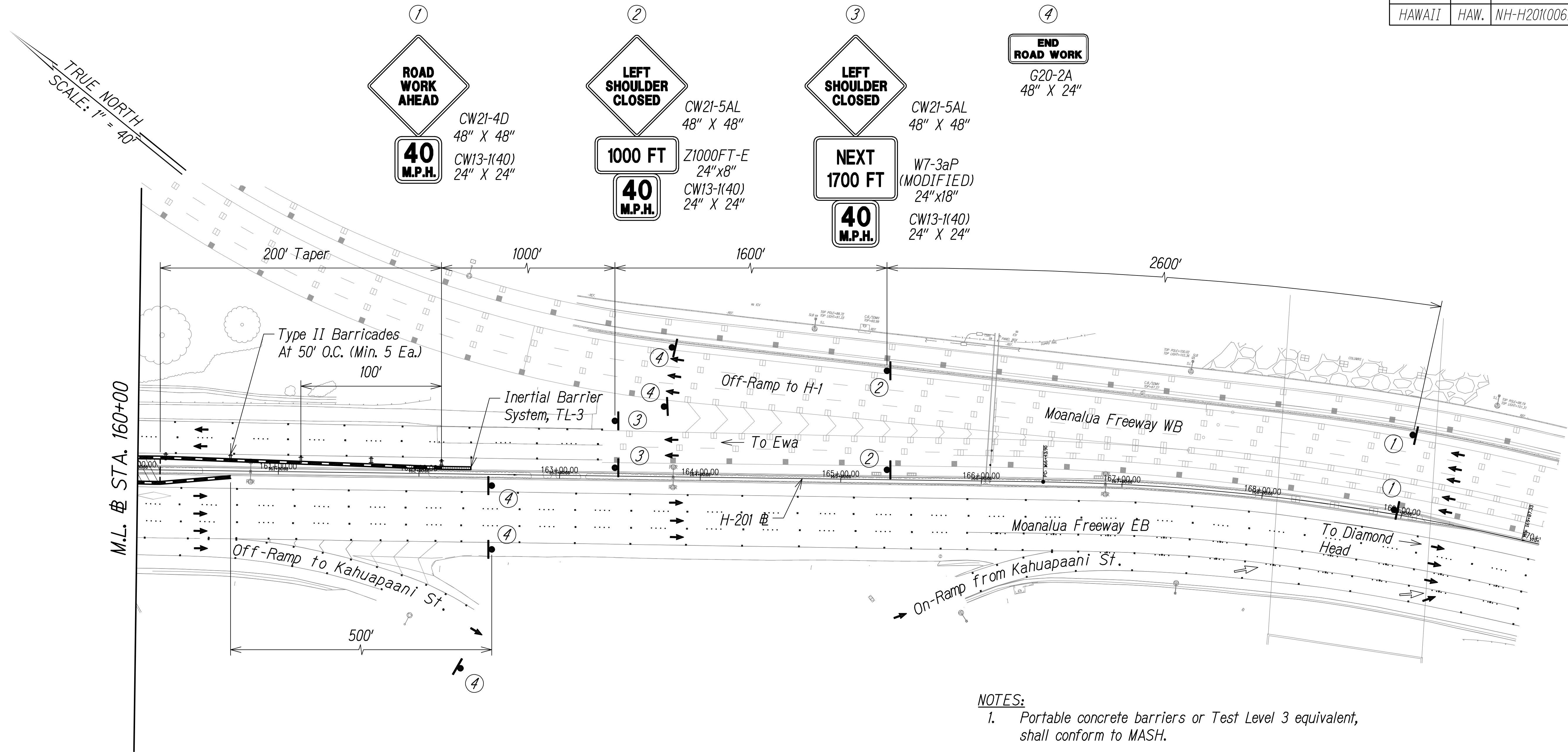
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

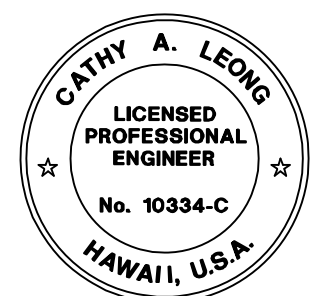
SHEET No. TC-8 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	23	111



- NOTES:
- Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
  - Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report350 - Test Level 3 hardware purchased prior to December 31, 2018.
  - Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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ORIGINAL PLAN	No.
NOTE BOOK	

- LEGEND
- Work Zone
  - Concrete Barrier
  - Sign
  - Temporary Solid Striping
  - Temporary Dashed Striping
  - Temporary White Guideline
  - Existing Sign
  - Flow of Traffic
  - Inertial Barrier System, TL-3
  - Type II Barricade

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 1 (BASE SCOPE)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

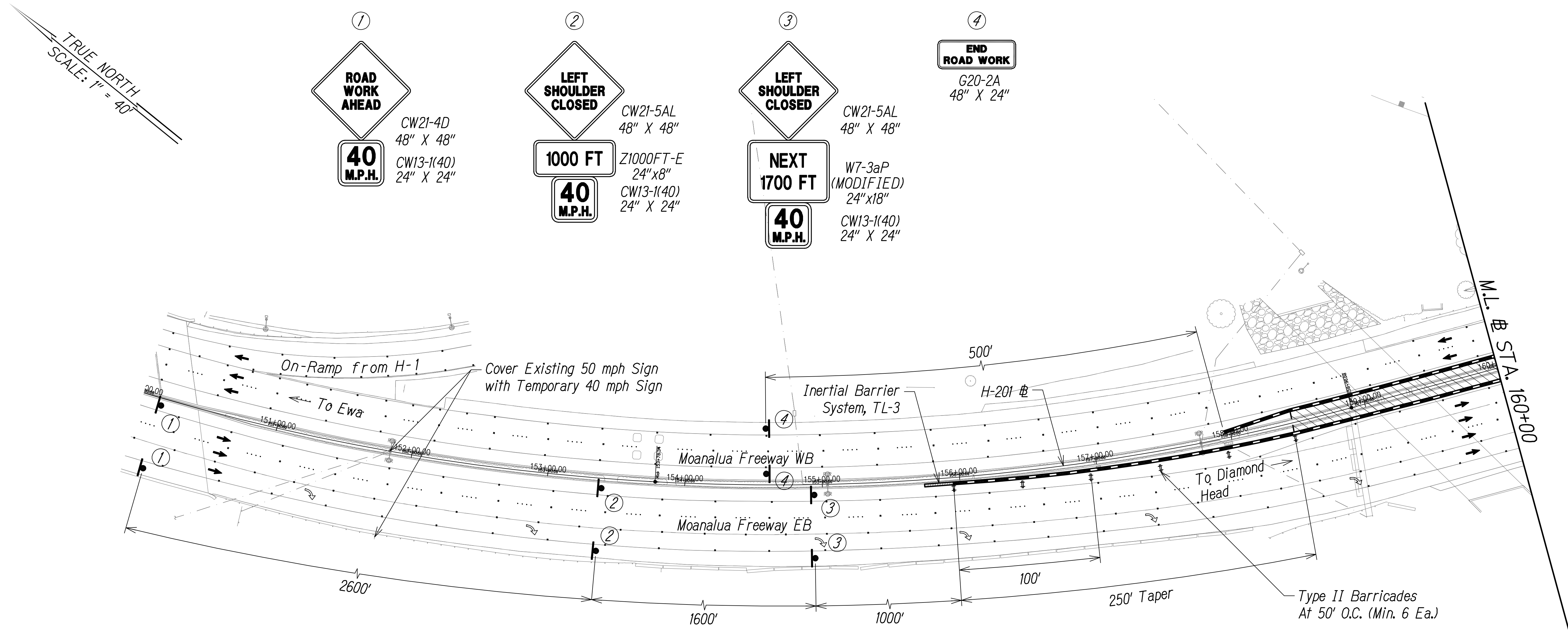
**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-9 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	24	111

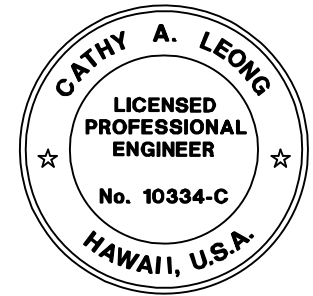


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

LEGEND	
	Work Zone
	Concrete Barrier
	Sign
	Temporary Solid Stripping
	Temporary Dashed Stripping
	Temporary White Guideline
	Existing Sign
	Flow of Traffic
	Inertial Barrier System, TL-3
	Type II Barricade

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 2 (BASE SCOPE)  
24-HOUR CLOSURE  
SCALE: 1" = 40'



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

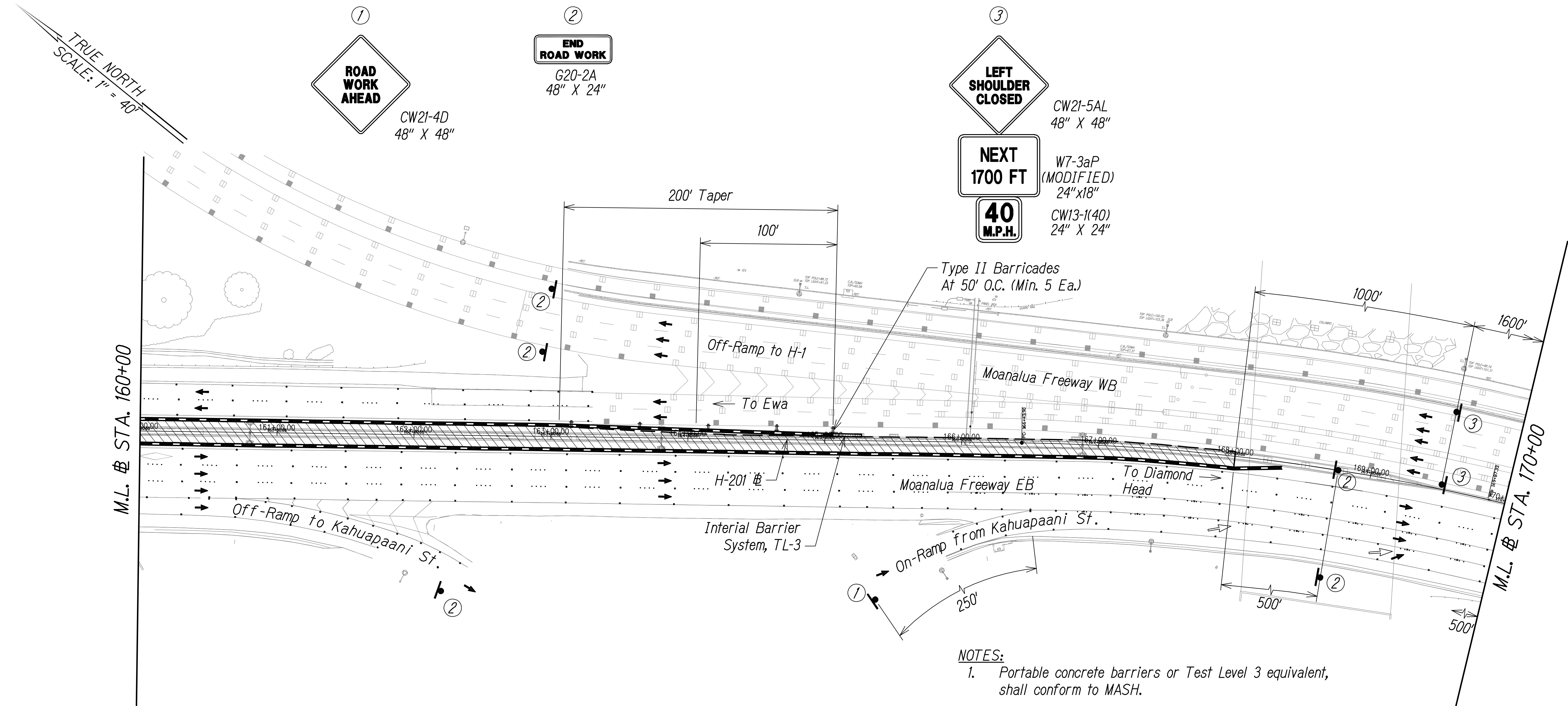
**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-10 OF 36 SHEETS

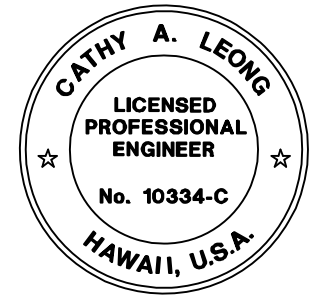
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	25	111



LEGEND

- |                           |                               |
|---------------------------|-------------------------------|
| Work Zone                 | Existing Sign                 |
| Concrete Barrier          | Flow of Traffic               |
| Sign                      | Inertial Barrier System, TL-3 |
| Temporary Solid Striping  | Type II Barricade             |
| Temporary Dashed Striping |                               |
| Temporary White Guideline |                               |

- NOTES:
- Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
  - Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
  - Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

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ORIGINAL PLAN	No.
NOTE BOOK	

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 2 (BASE SCOPE)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

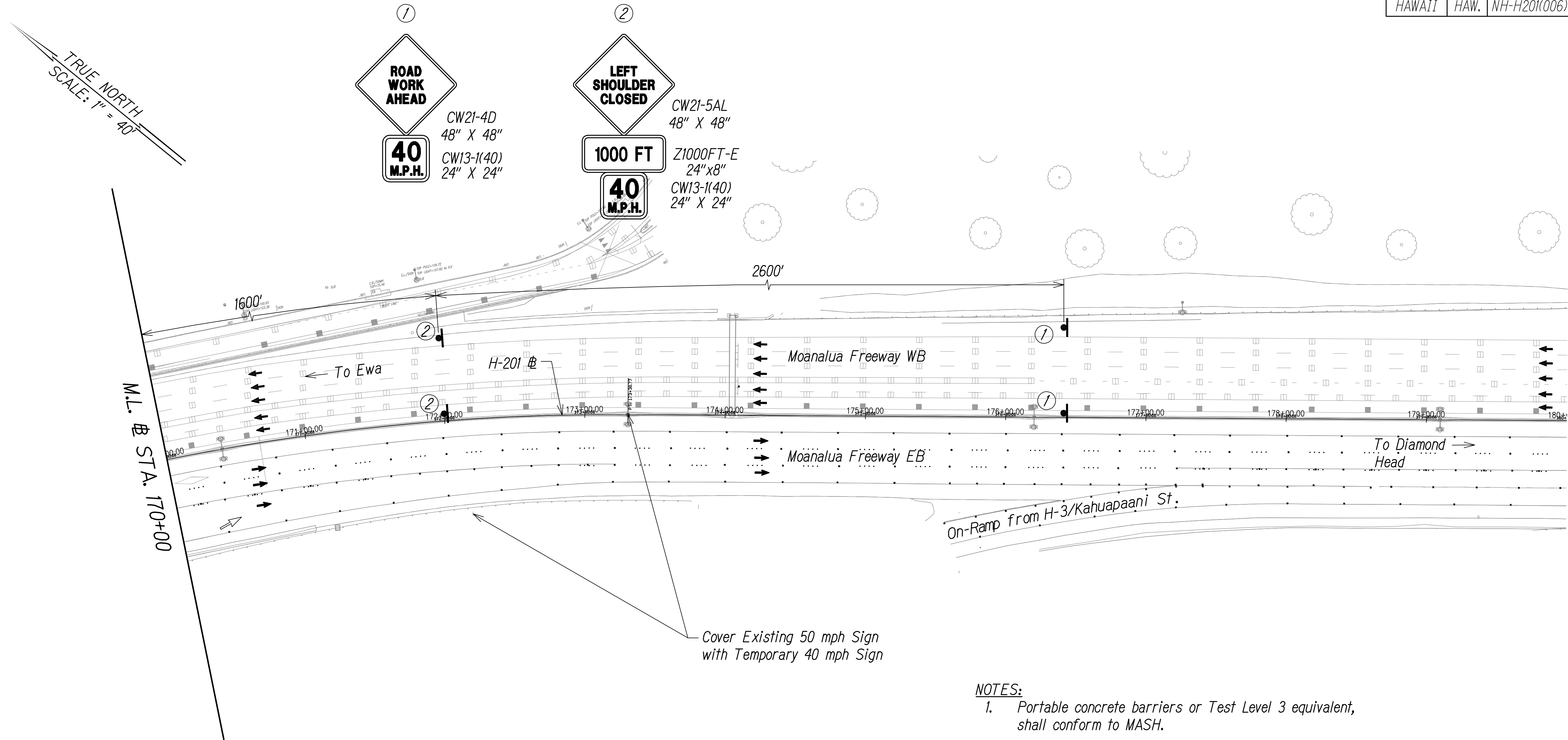
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

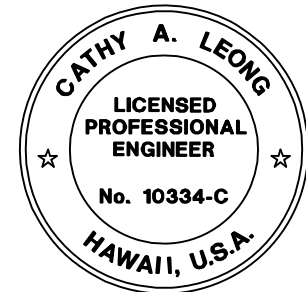
SHEET No. TC-11 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	26	111



- NOTES:**
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
  2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
  3. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

**TRAFFIC CONTROL PLAN - PHASE 2 (BASE SCOPE)**  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

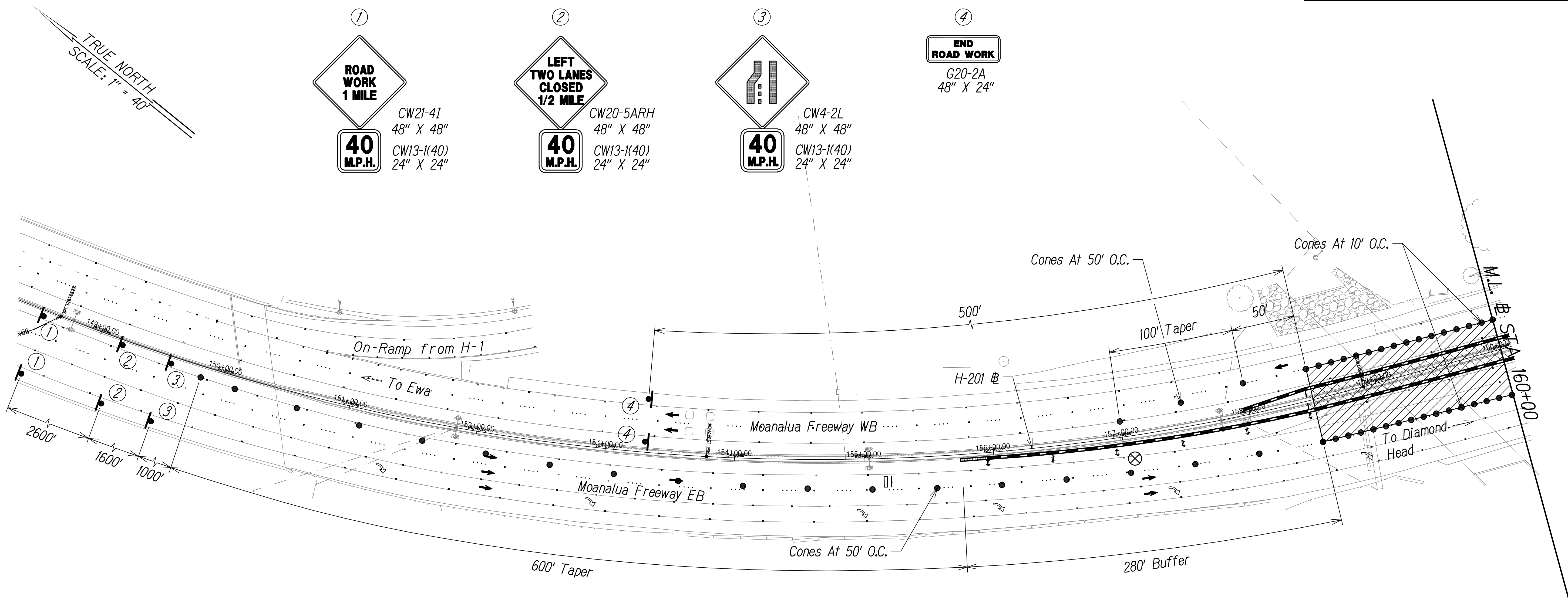
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-12 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	27	111



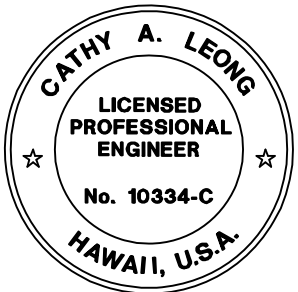
**LEGEND**

- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

**TRAFFIC CONTROL PLAN - PHASE 2 (BASE SCOPE)**  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

- NOTES:**
1. Work Hours to Occur Between 11:30 p.m. to 4:00 a.m. (Monday Night to Friday Morning).
  2. Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
  3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

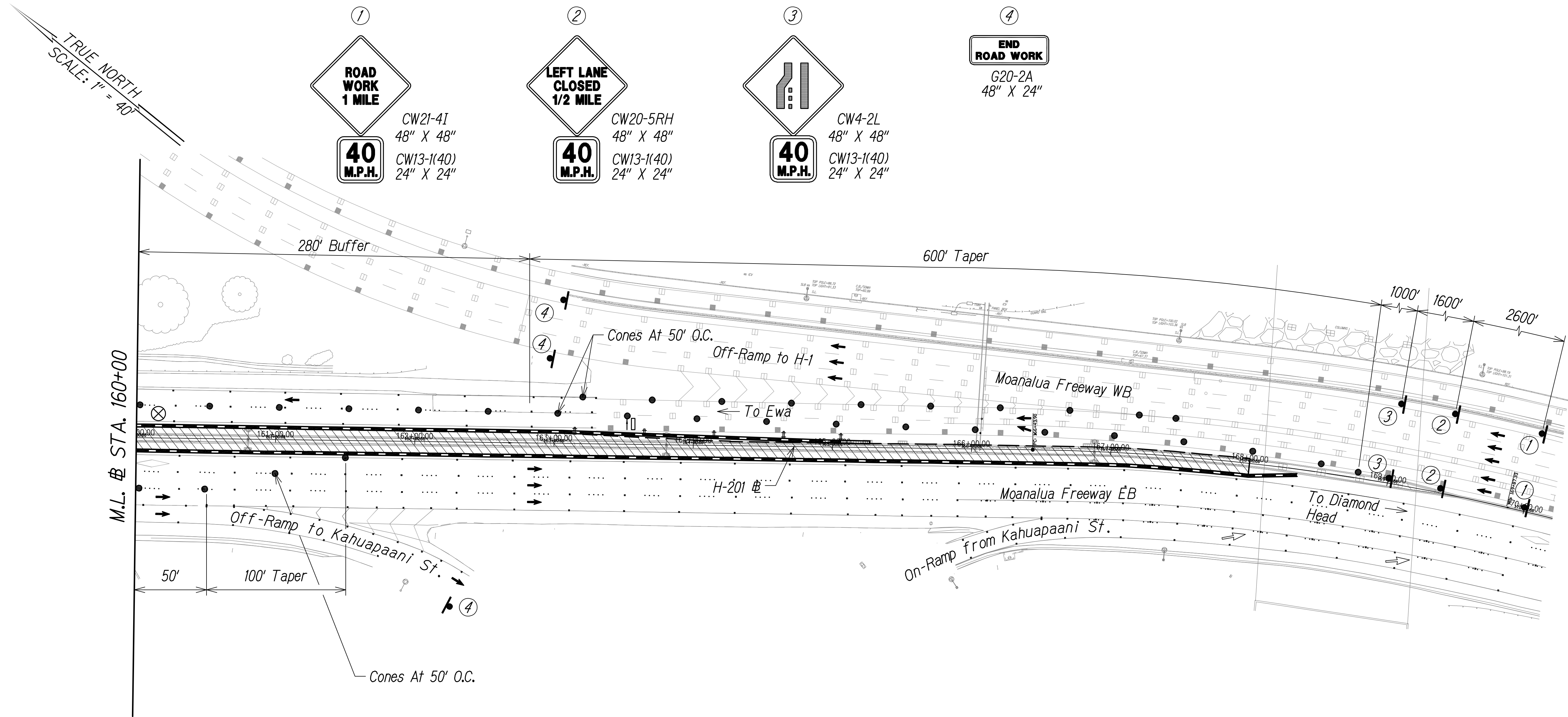


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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TRAFFIC CONTROL PLAN**  
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	28	111



**LEGEND**

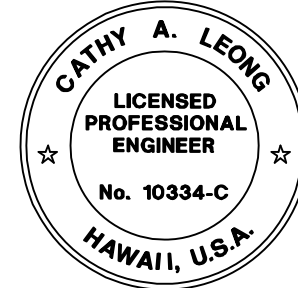
- ⊗ Special Duty Officer
- Cones or Delineators
- ➔ Sign
- ➔ Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

**TRAFFIC CONTROL PLAN - PHASE 2 (BASE SCOPE)**  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

**NOTES:**

1. Work Hours to Occur Between 11:30 p.m. to 4:00 a.m. (Monday Night to Friday Morning).
2. Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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STATE OF HAWAII  
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HIGHWAYS DIVISION

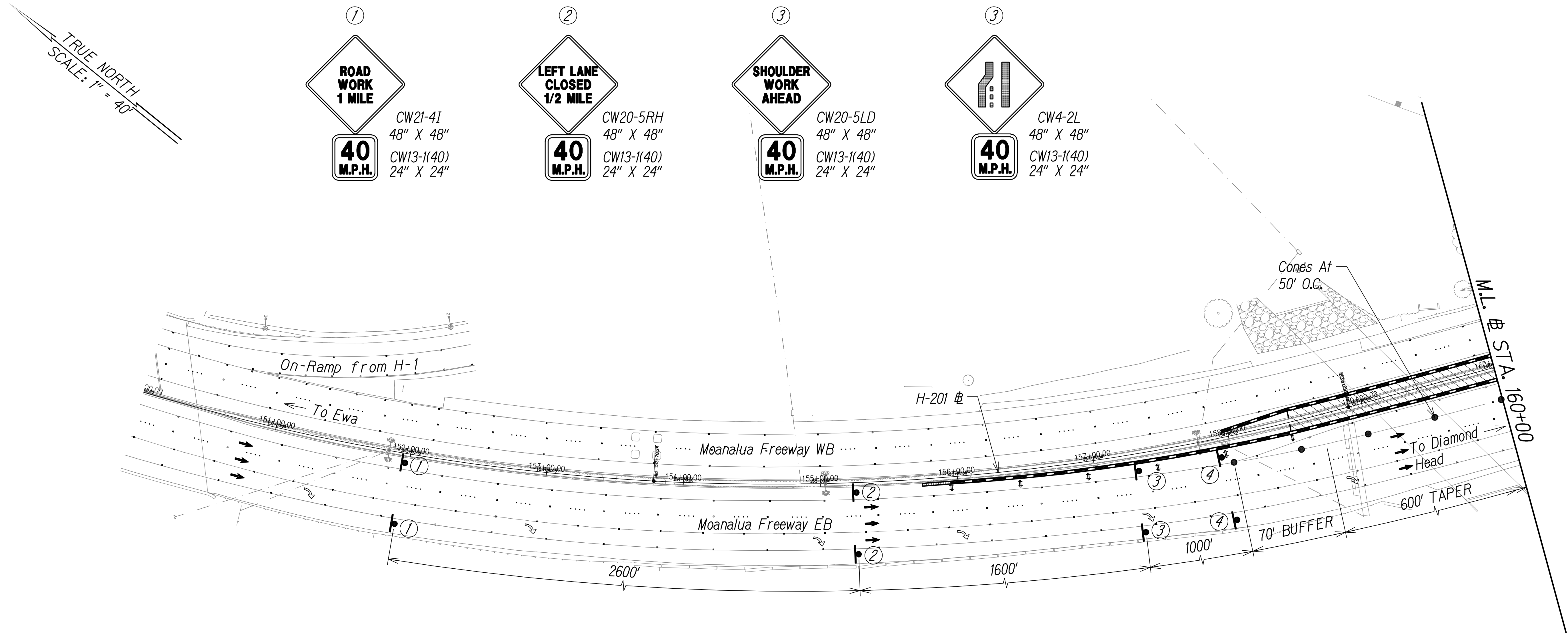
**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-14 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	29	111



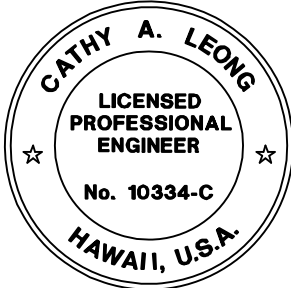
LEGEND

- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

- NOTES:
1. Work Hours to Occur Between 9:00 p.m. to 4:00 a.m. (Sunday Night to Friday Morning).
  2. Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
  3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

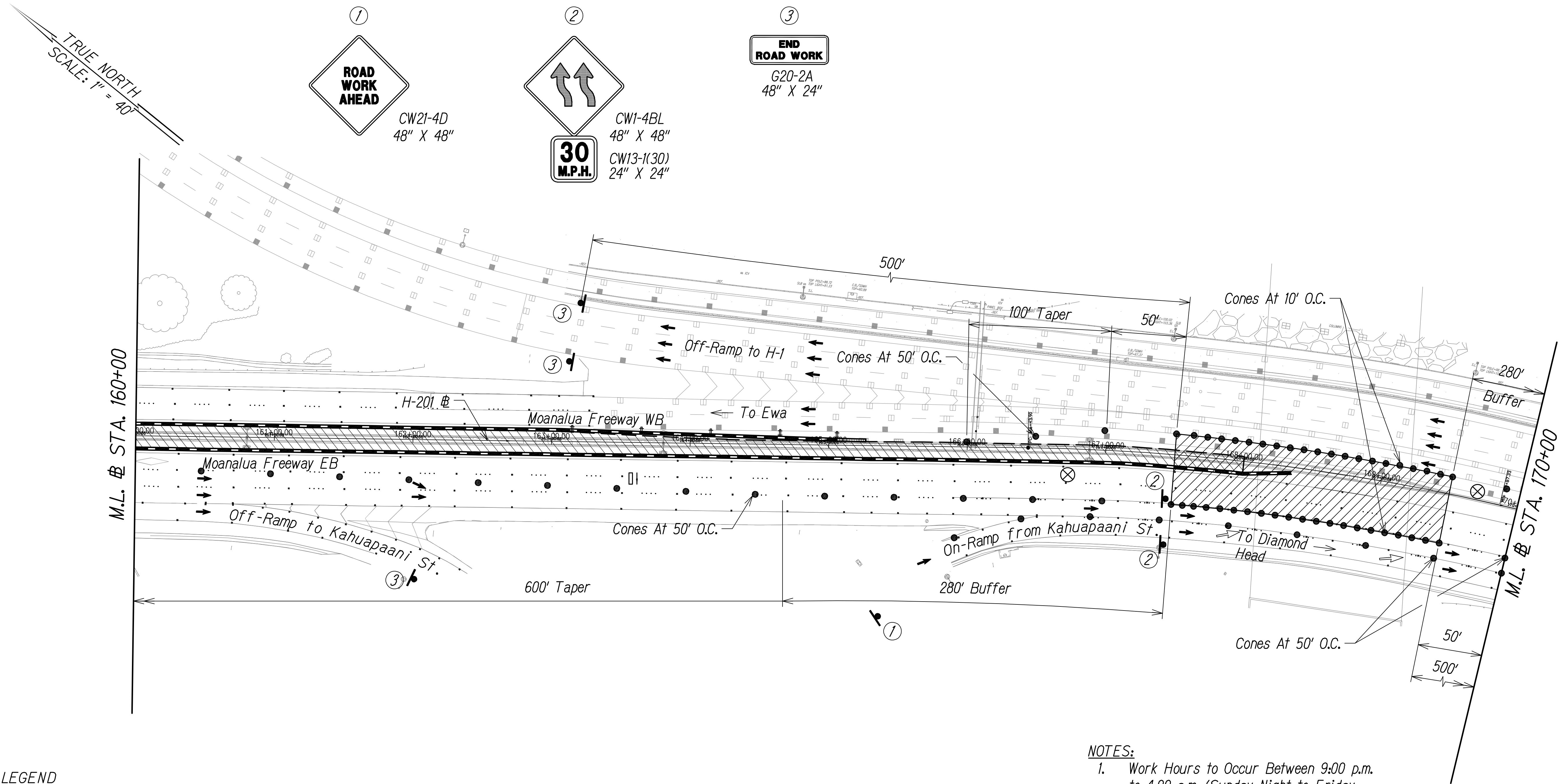
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

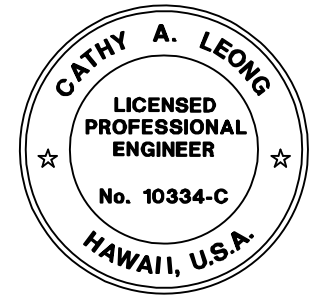
SHEET No. TC-15 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	30	111



- NOTES:**
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**TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)**  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

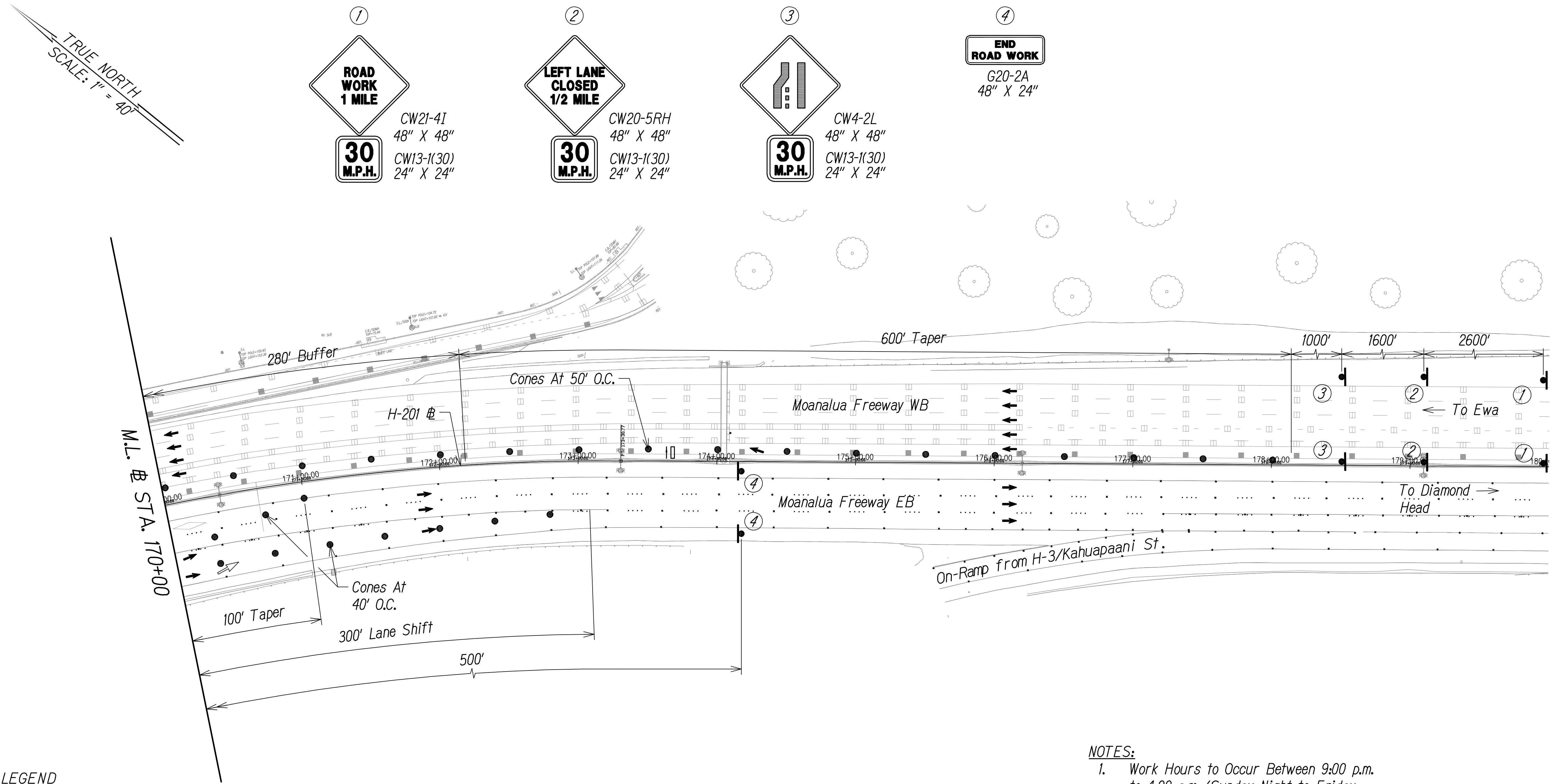
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-16 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	31	111



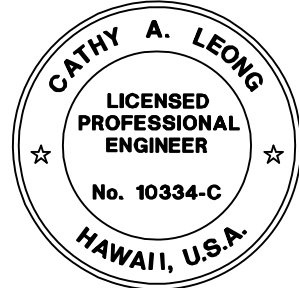
**LEGEND**

- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- ➔ Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

**TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)**  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

- NOTES:**
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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

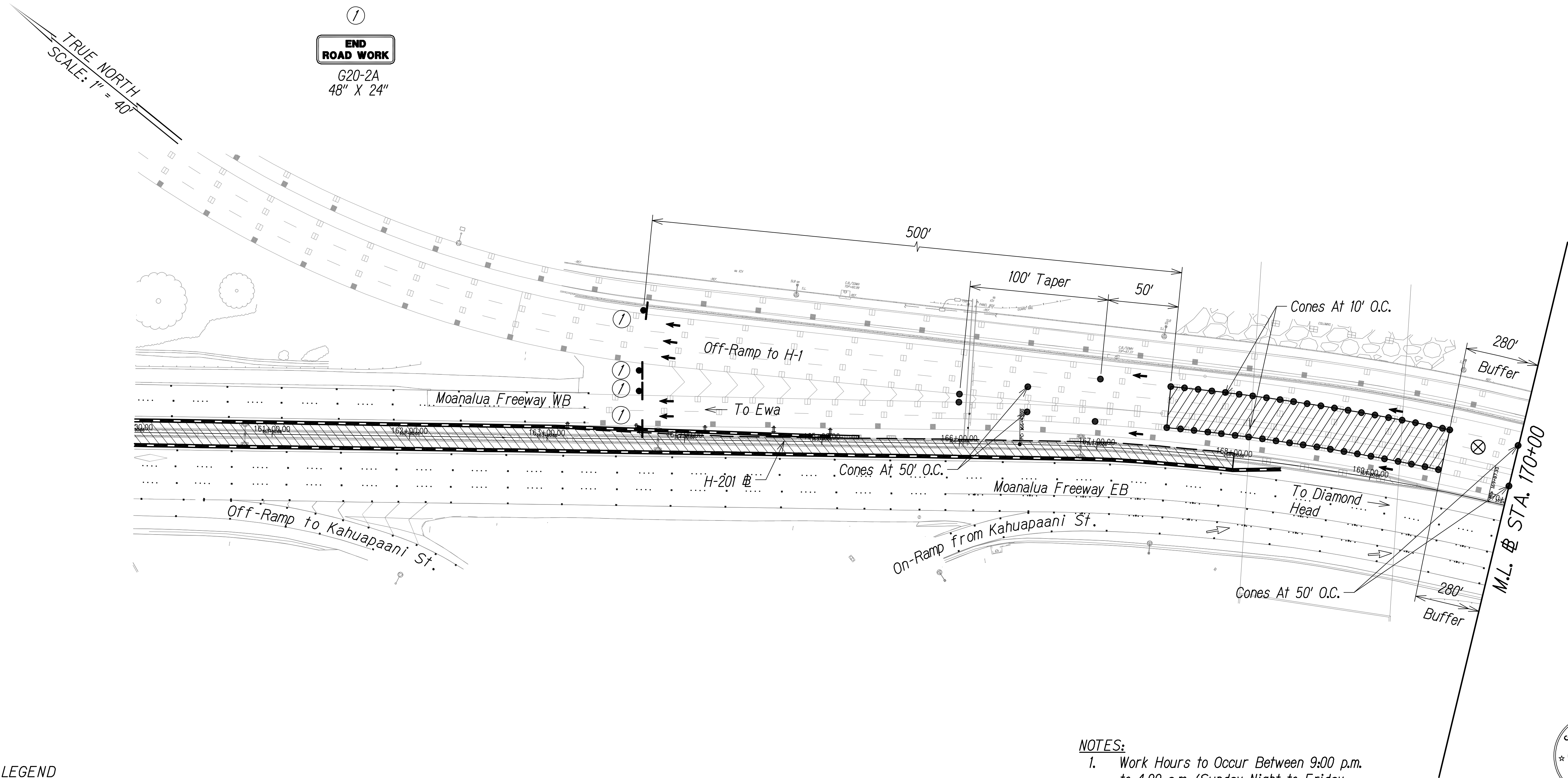
**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-17 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	32	111



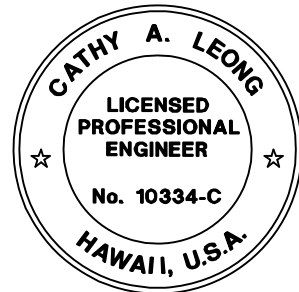
**LEGEND**

- ⊗ Special Duty Officer
- Cones or Delineators
- ➔ Sign
- ➔ Flow of Traffic
- ⊥ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

**TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)**  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

- NOTES:**
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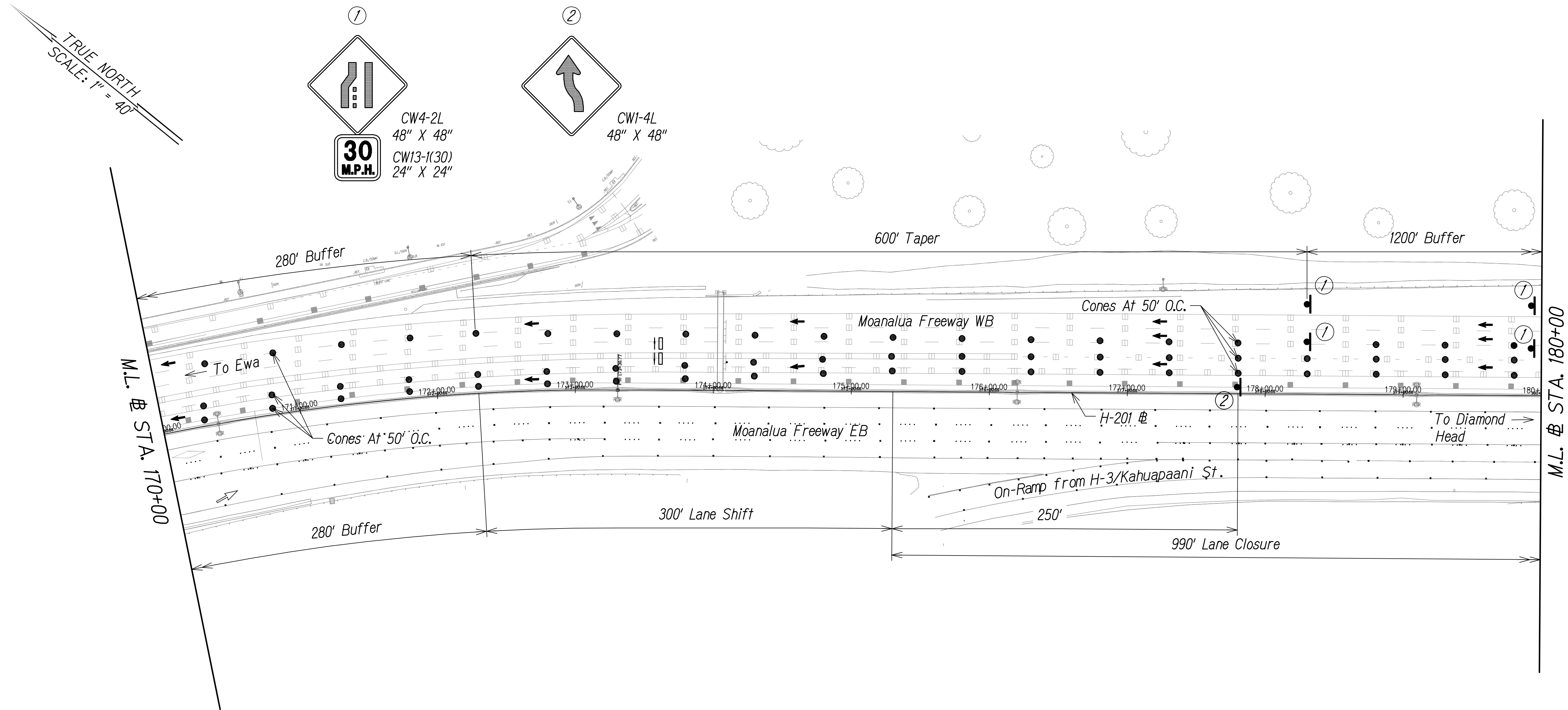


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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TRAFFIC CONTROL PLAN**  
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	33	111



LEGEND

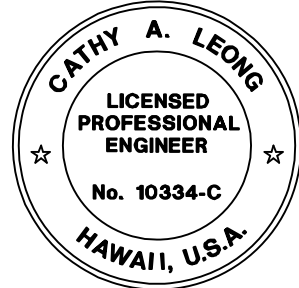
- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
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- ▮ Arrowboard Panel

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TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'



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STATE OF HAWAII  
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HIGHWAYS DIVISION

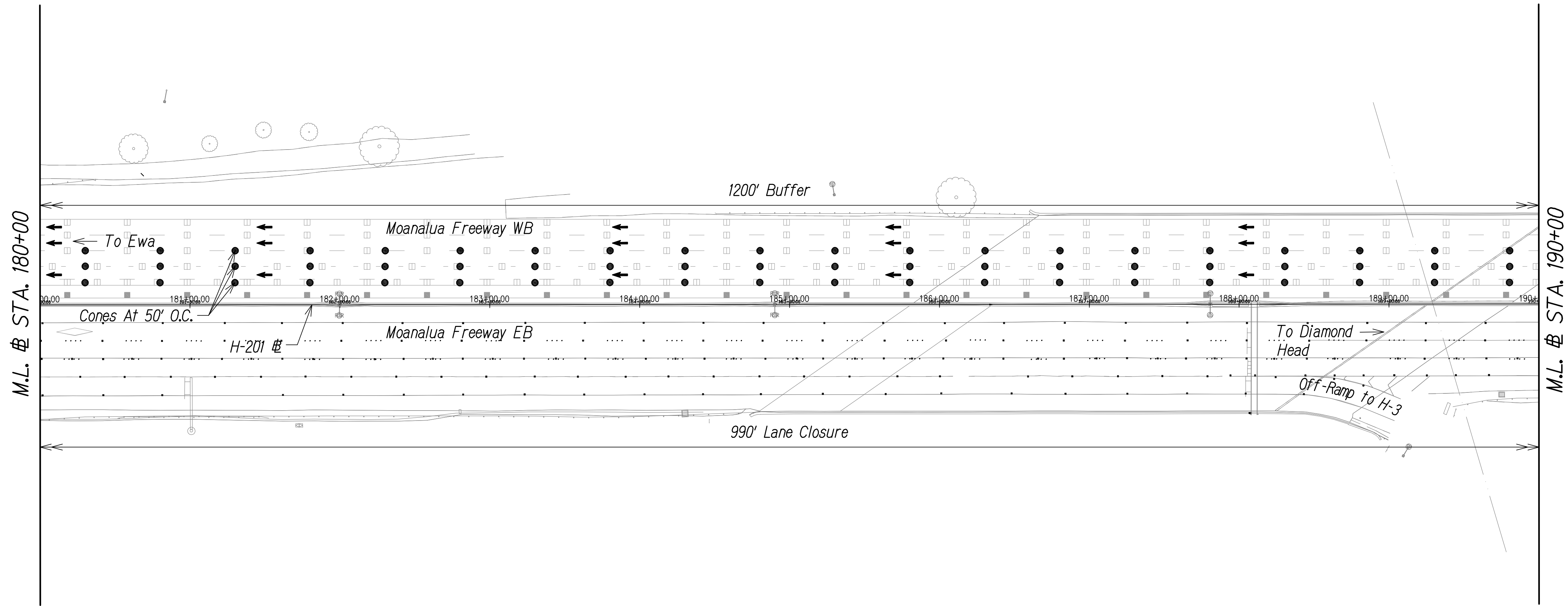
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-19 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	34	111



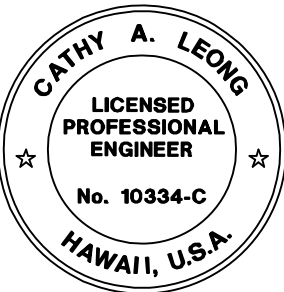
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

- LEGEND**
- ⊗ Special Duty Officer
  - Cones or Delineators
  - ➡ Sign
  - ➡ Flow of Traffic
  - ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

**TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)**  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

- NOTES:**
1. Work Hours to Occur Between 9:00 p.m. to 4:00 a.m. (Sunday Night to Friday Morning).
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  3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

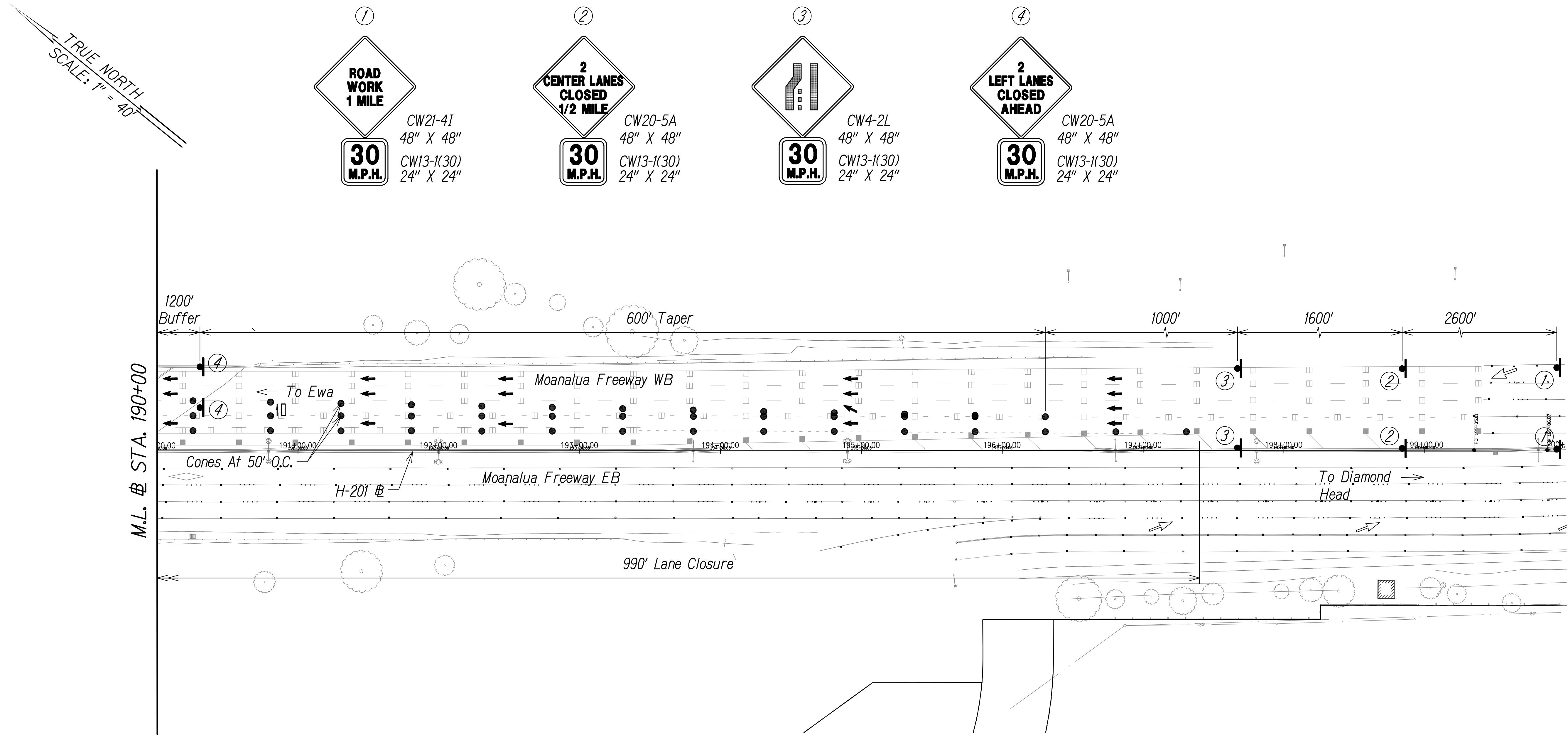
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-20 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	35	111



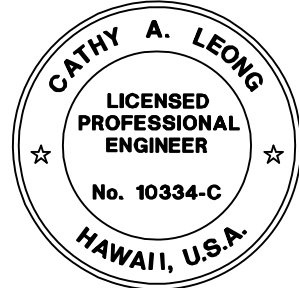
**LEGEND**

- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

**TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)**  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

- NOTES:**
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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

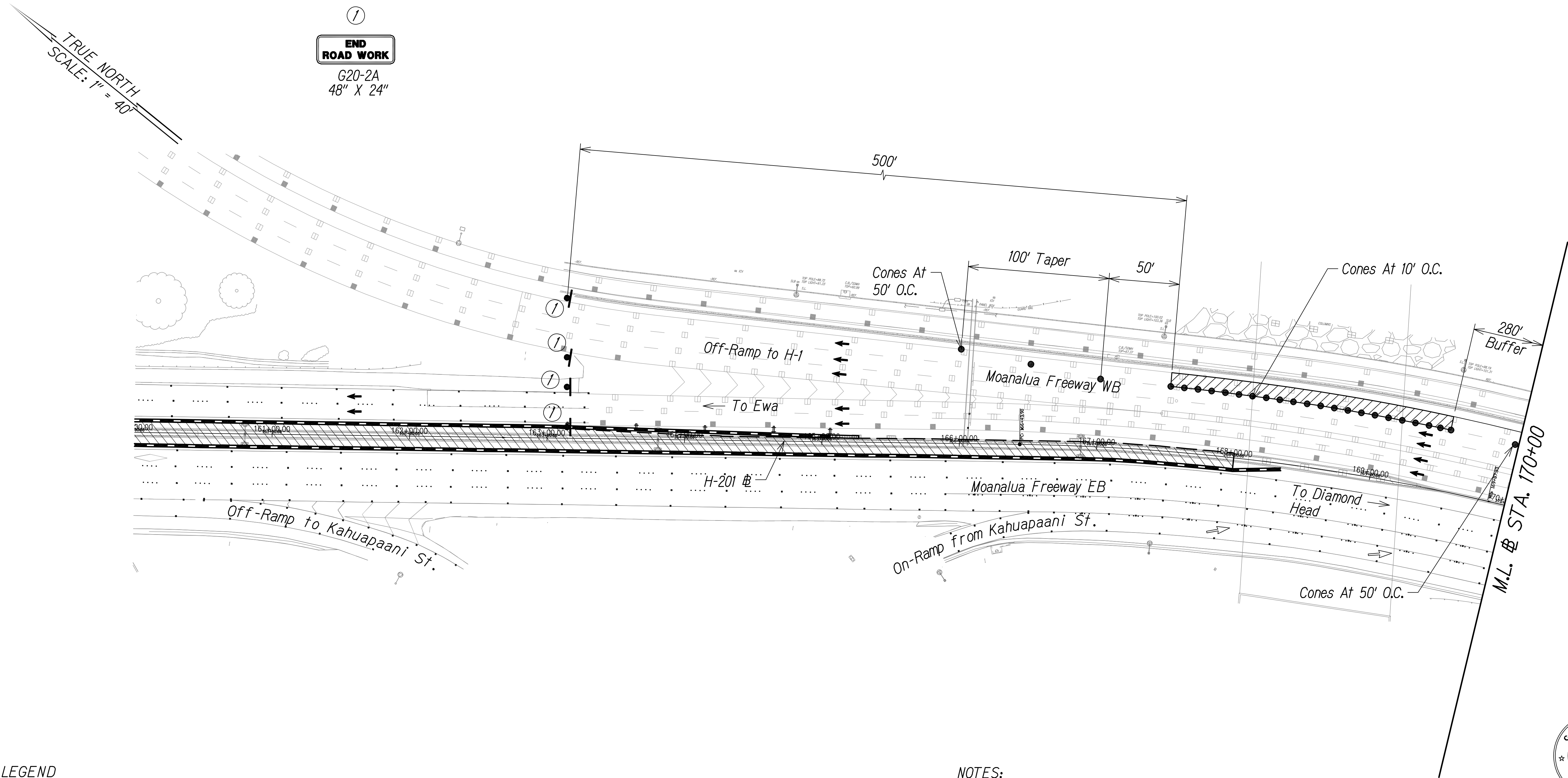
**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-21 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	36	111



LEGEND

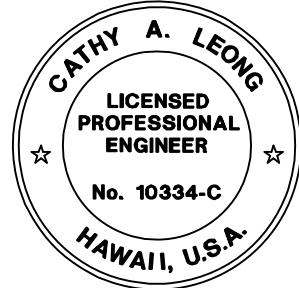
- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- ➡ Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
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SCALE: 1" = 40'

NOTES:

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TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
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HIGHWAYS DIVISION

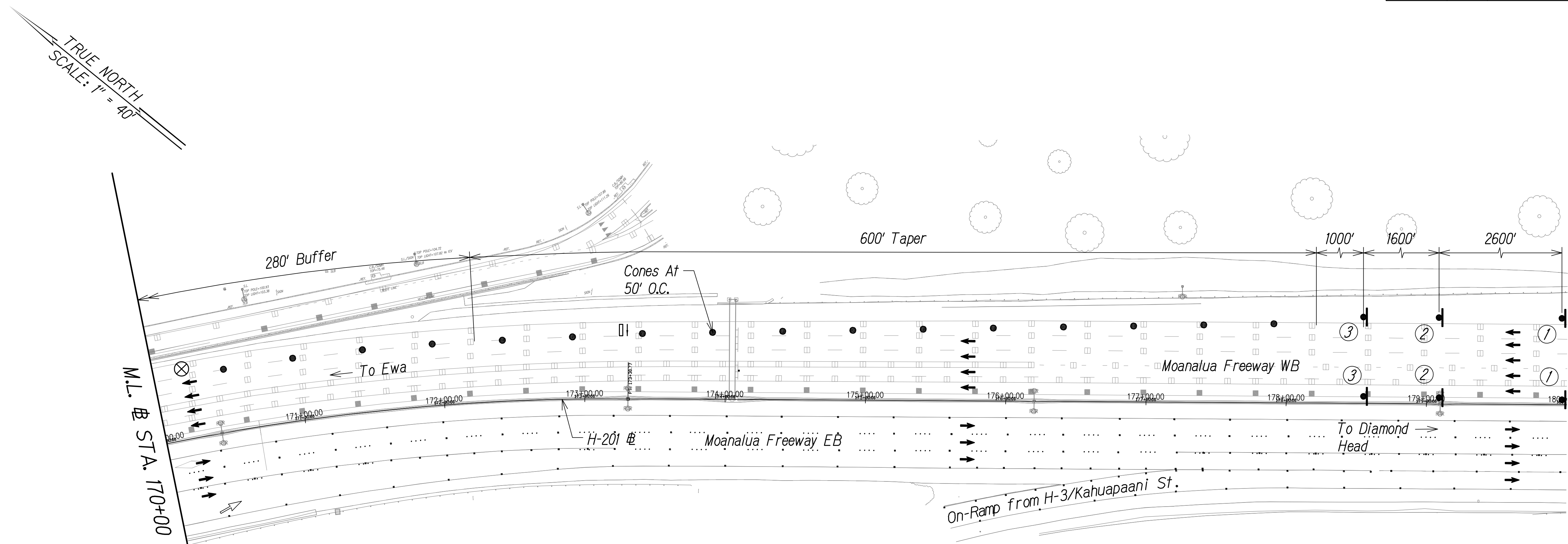
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-22 OF 36 SHEETS

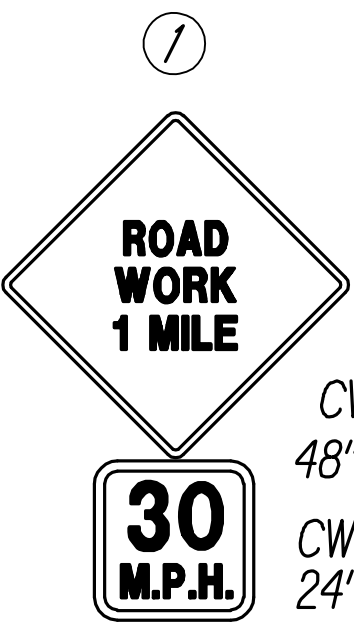
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	37	111



LEGEND

- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- ➔ Flow of Traffic
- ▮ Arrowboard Panel

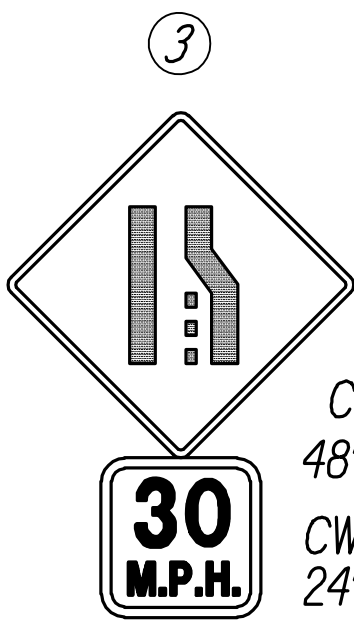
GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'



CW21-4I  
48" X 48"  
CW13-1(30)  
24" X 24"



CW20-5RH  
48" X 48"  
CW13-1(30)  
24" X 24"

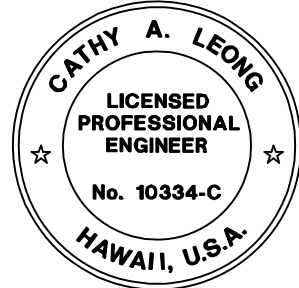


CW4-2R  
48" X 48"  
CW13-1(30)  
24" X 24"

NOTES:

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TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

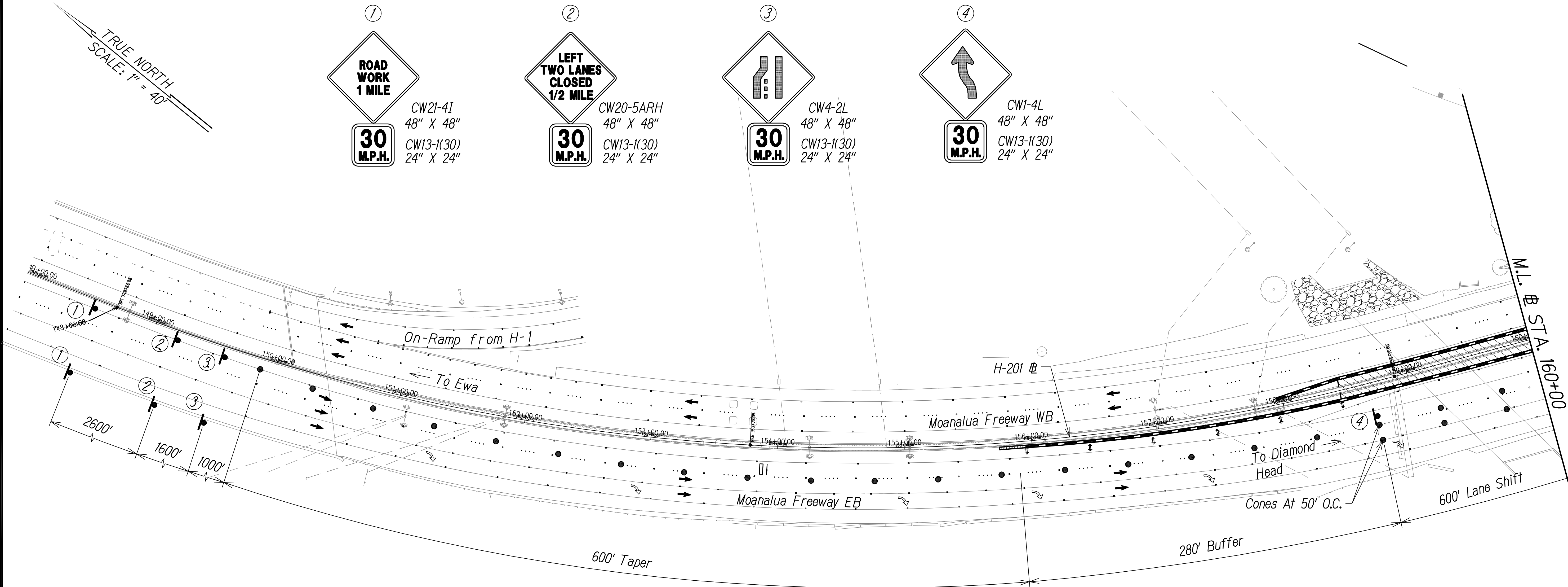


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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TRAFFIC CONTROL PLAN**  
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)  
Scale: 1" = 40' Date: July 2020  
SHEET No. TC-23 OF 36 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	38	111



**LEGEND**

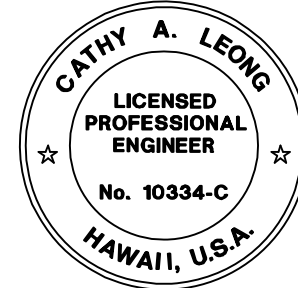
- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

**TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)**  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

**NOTES:**

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OR UNDER MY SUPERVISION.  
*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

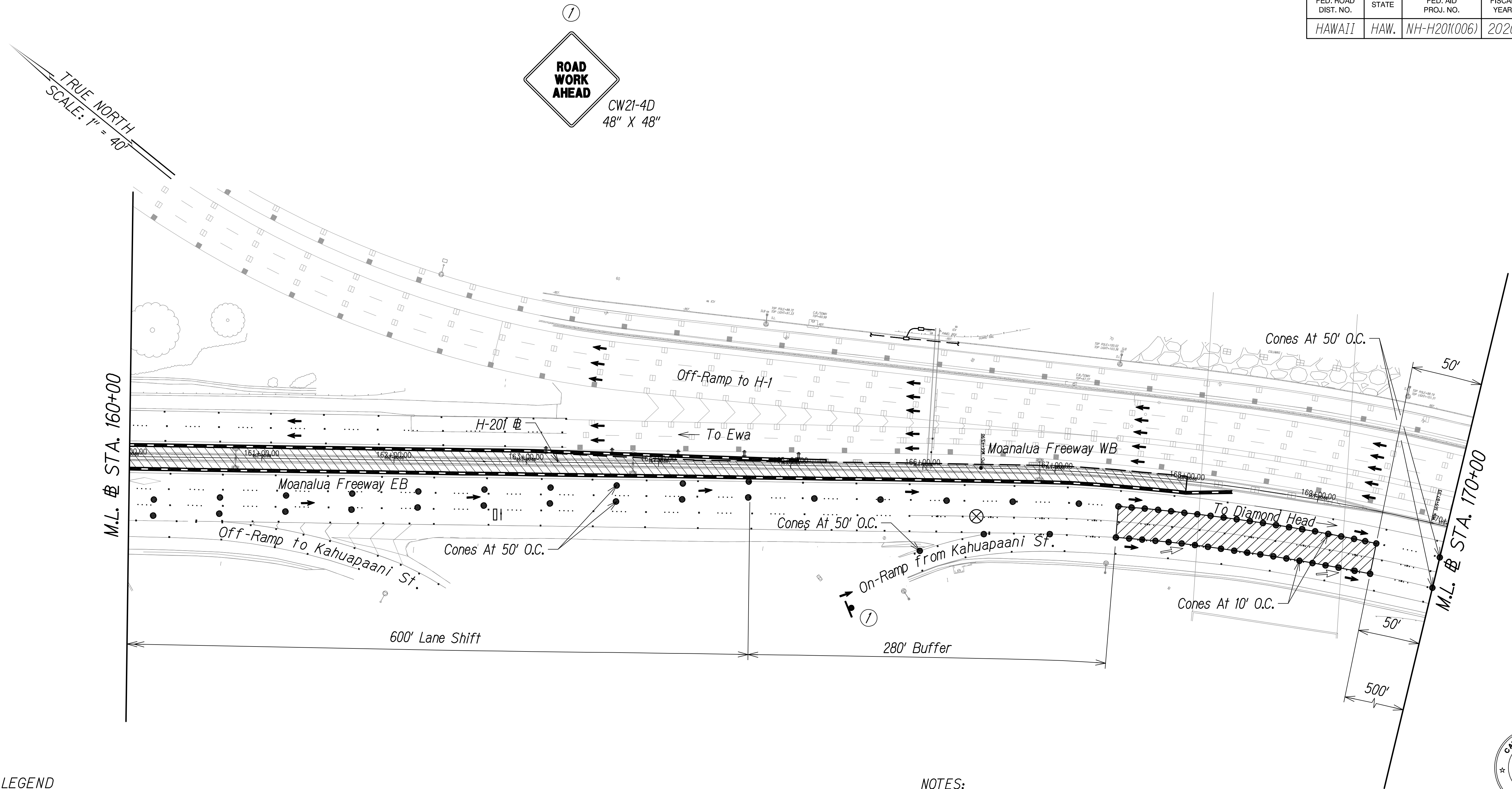
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-24 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	39	111



**LEGEND**

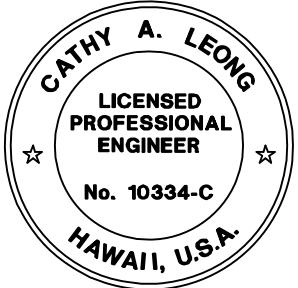
- ⊗ Special Duty Officer
- Cones or Delineators
- ➔ Sign
- ➔ Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

**NOTES:**

1. Work Hours to Occur Between 11:30 p.m. to 4:00 a.m. (Monday Night to Friday Morning).
2. Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

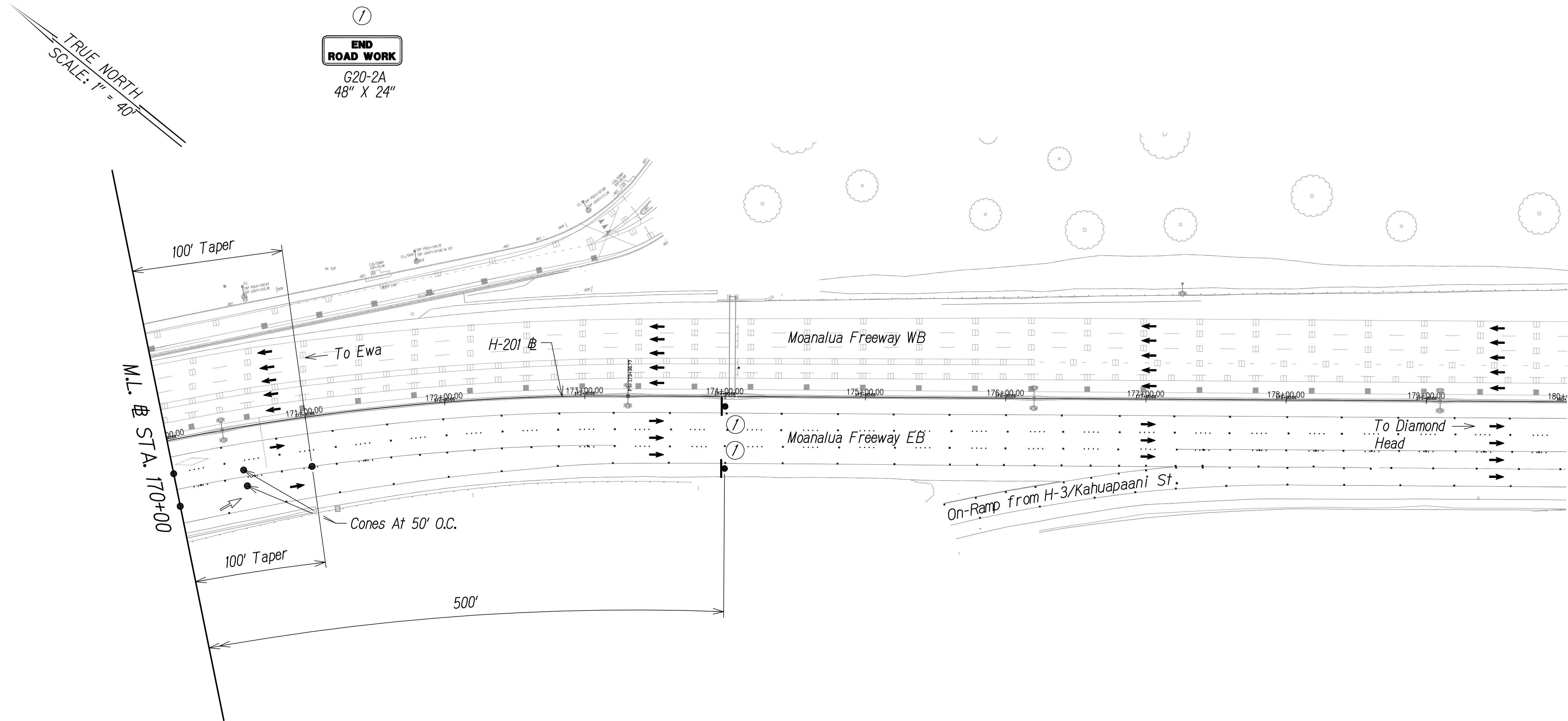
TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'



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Cathy A. Leong  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE 4/30/2022

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TRAFFIC CONTROL PLAN**  
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)  
Scale: 1" = 40' Date: July 2020  
SHEET No. TC-25 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	40	111



LEGEND

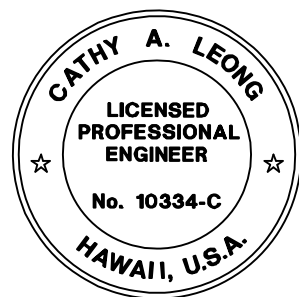
- ⊗ Special Duty Officer
- Cones or Delineators
- ➔ Sign
- ➔ Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

NOTES:

1. Work Hours to Occur Between 11:30 p.m. to 4:00 a.m. (Monday Night to Friday Morning).
2. Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

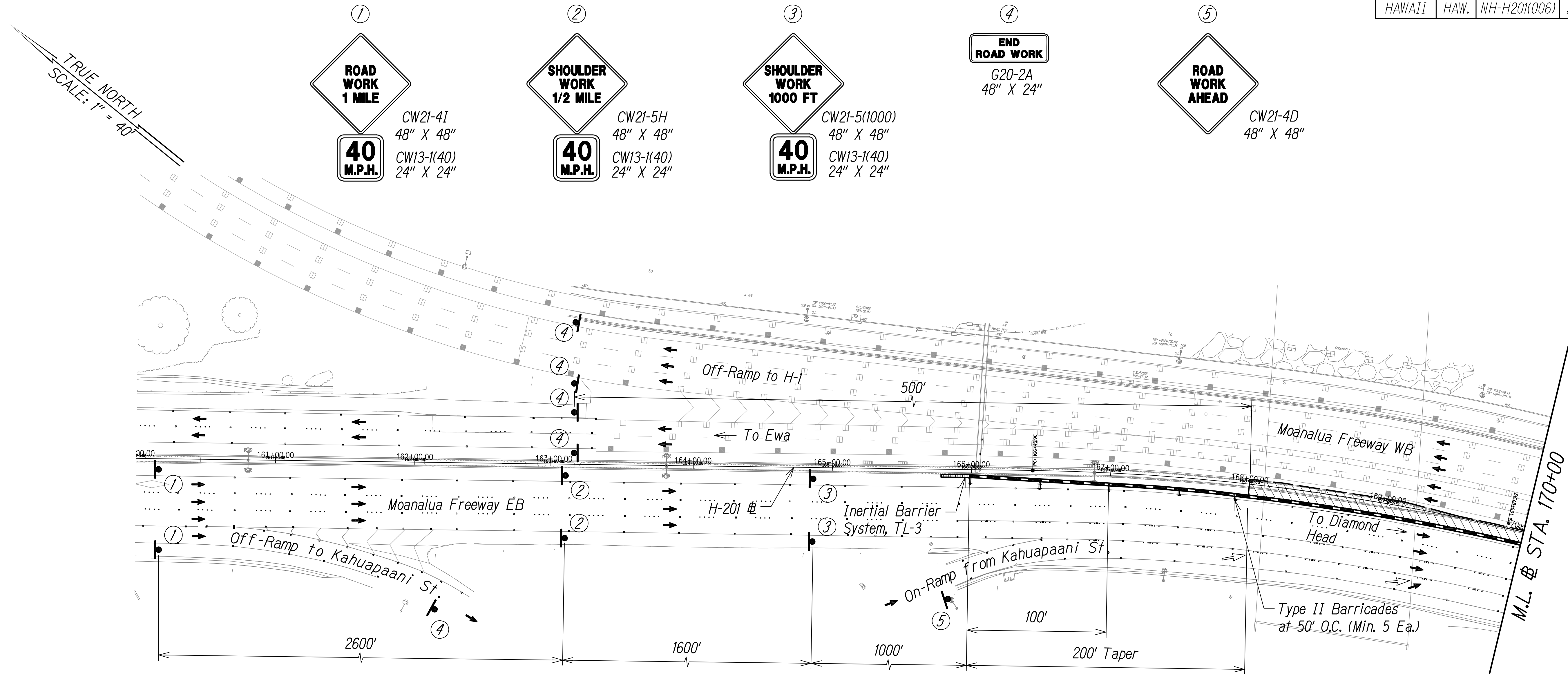
TRAFFIC CONTROL PLAN - PHASE 2 (ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TRAFFIC CONTROL PLAN**  
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)  
Scale: 1" = 40' Date: July 2020  
SHEET No. TC-26 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	41	111

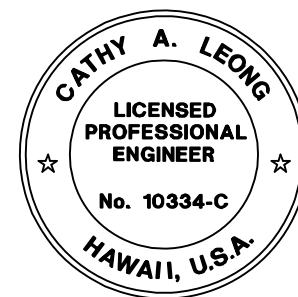


LEGEND

- |                           |                               |
|---------------------------|-------------------------------|
| Work Zone                 | Existing Sign                 |
| Concrete Barrier          | Flow of Traffic               |
| Sign                      | Inertial Barrier System, TL-3 |
| Temporary Solid Striping  | Type II Barricade             |
| Temporary Dashed Striping |                               |
| Temporary White Guideline |                               |

NOTES:

1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report350 - Test Level 3 hardware purchased prior to December 31, 2018.
3. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 3 (ADDITIVE ALT. #1)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

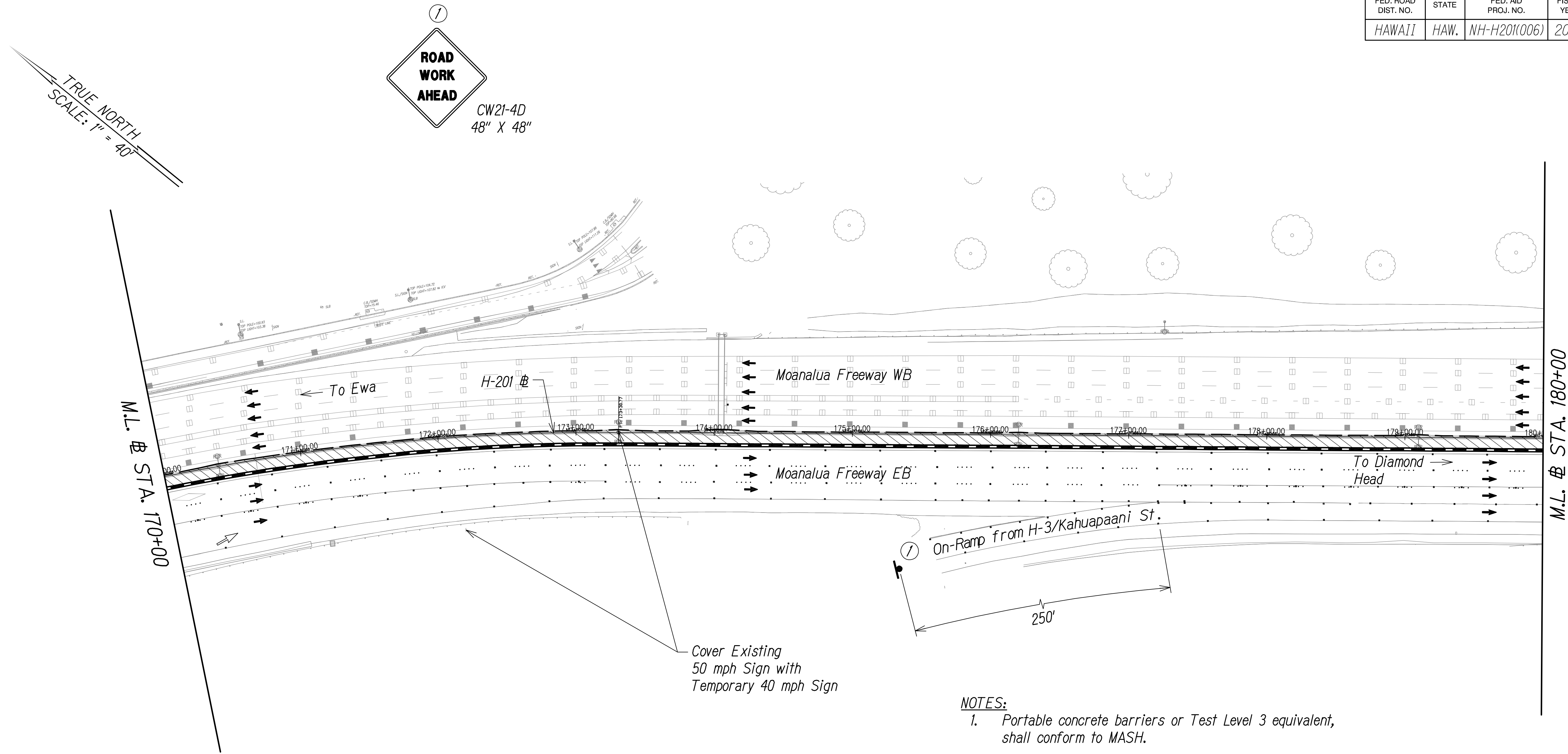
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-27 OF 36 SHEETS

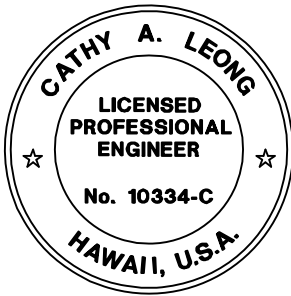
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	42	111



LEGEND

- |                           |                               |
|---------------------------|-------------------------------|
| Work Zone                 | Existing Sign                 |
| Concrete Barrier          | Flow of Traffic               |
| Sign                      | Inertial Barrier System, TL-3 |
| Temporary Solid Striping  | Type II Barricade             |
| Temporary Dashed Striping |                               |
| Temporary White Guideline |                               |

- NOTES:
- Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
  - Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
  - Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

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

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 3 (ADDITIVE ALT. #1)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

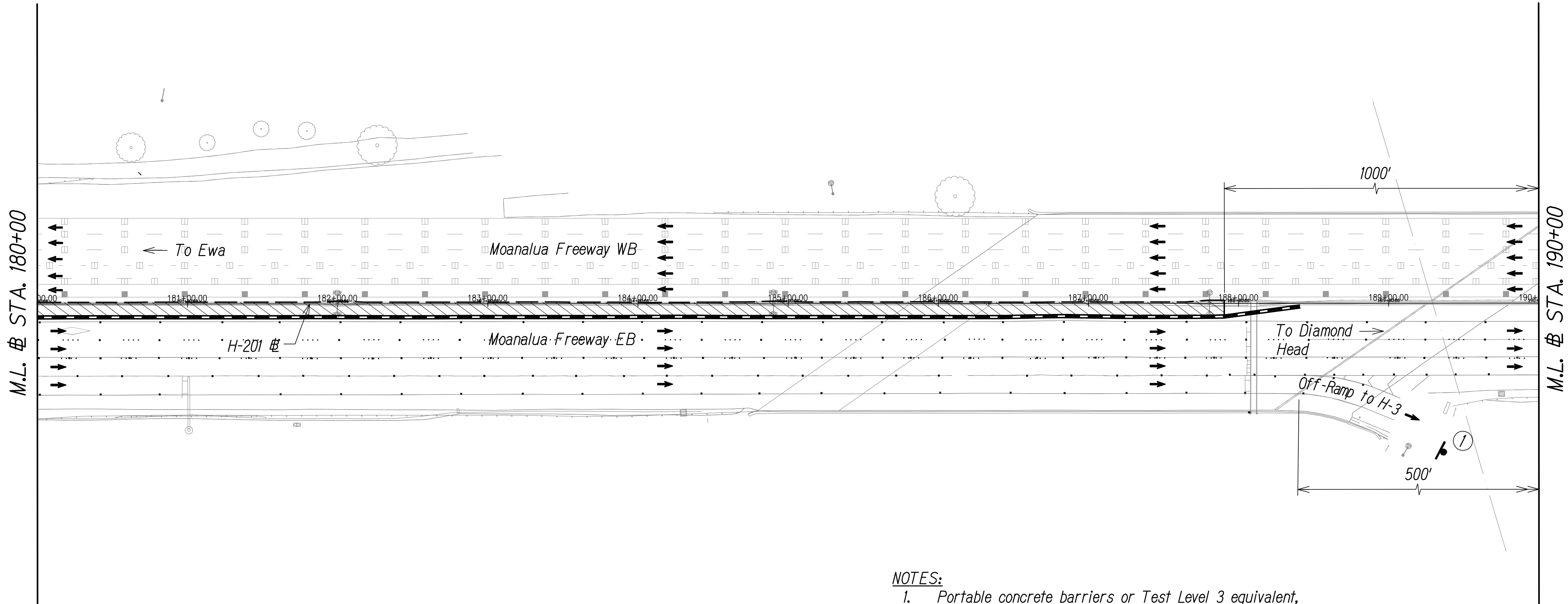
SHEET No. TC-28 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	43	111



①  
**END ROAD WORK**  
G20-2A  
48" X 24"

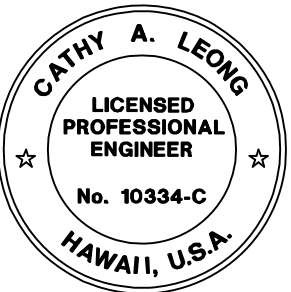


LEGEND

- |                           |                               |
|---------------------------|-------------------------------|
| Work Zone                 | Existing Sign                 |
| Concrete Barrier          | Flow of Traffic               |
| Sign                      | Inertial Barrier System, TL-3 |
| Temporary Solid Striping  | Type II Barricade             |
| Temporary Dashed Striping |                               |
| Temporary White Guideline |                               |

NOTES:

- Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
- Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
- Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

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

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 3 (ADDITIVE ALT. #1)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

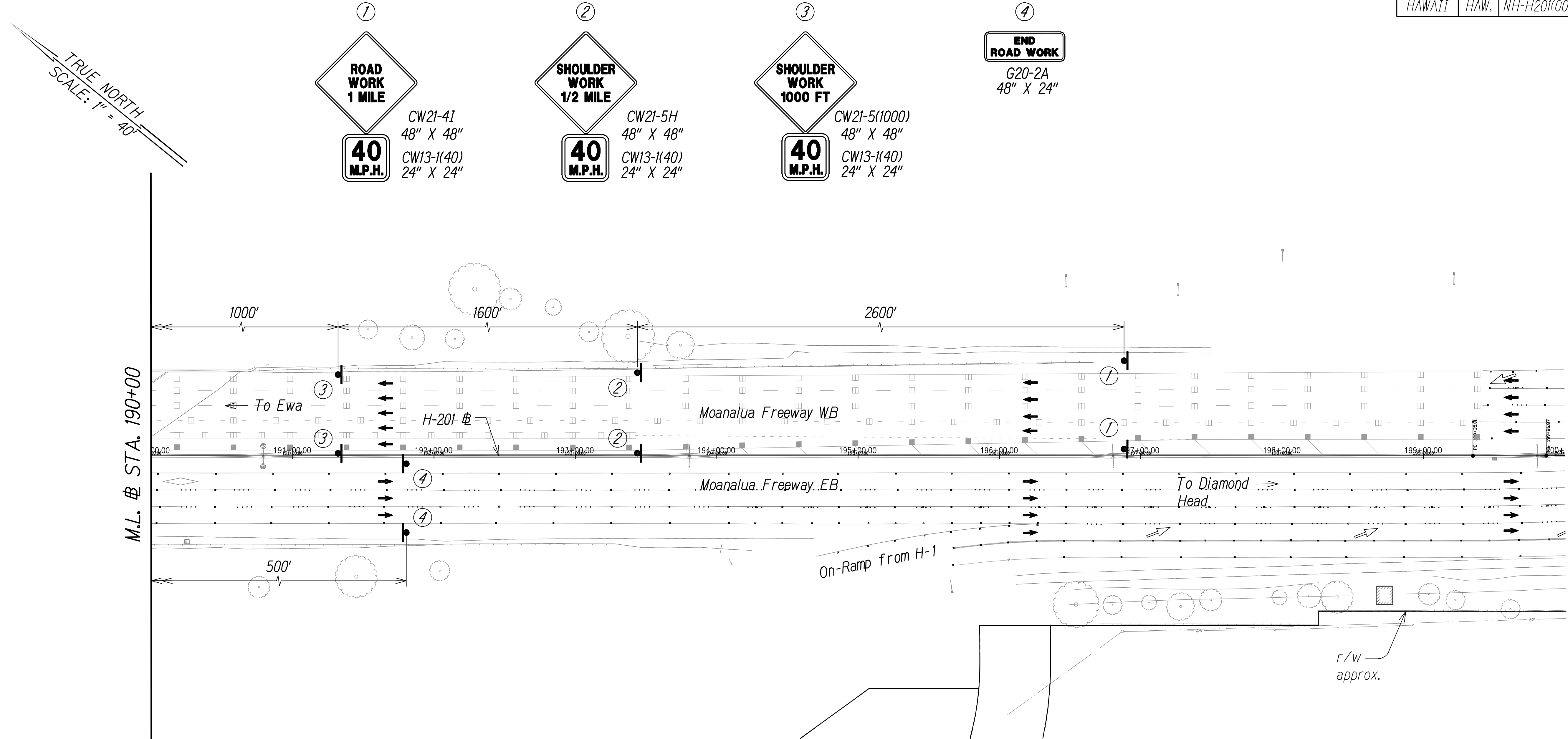
**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

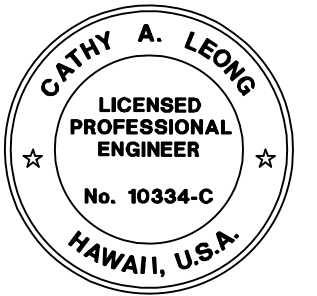
SHEET No. TC-29 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	44	111



- LEGEND**
- Work Zone
  - Concrete Barrier
  - Sign
  - Temporary Solid Striping
  - Temporary Dashed Striping
  - Temporary White Guideline
  - Existing Sign
  - Flow of Traffic
  - Inertial Barrier System, TL-3
  - Type II Barricade

- NOTES:**
- Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
  - Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
  - Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

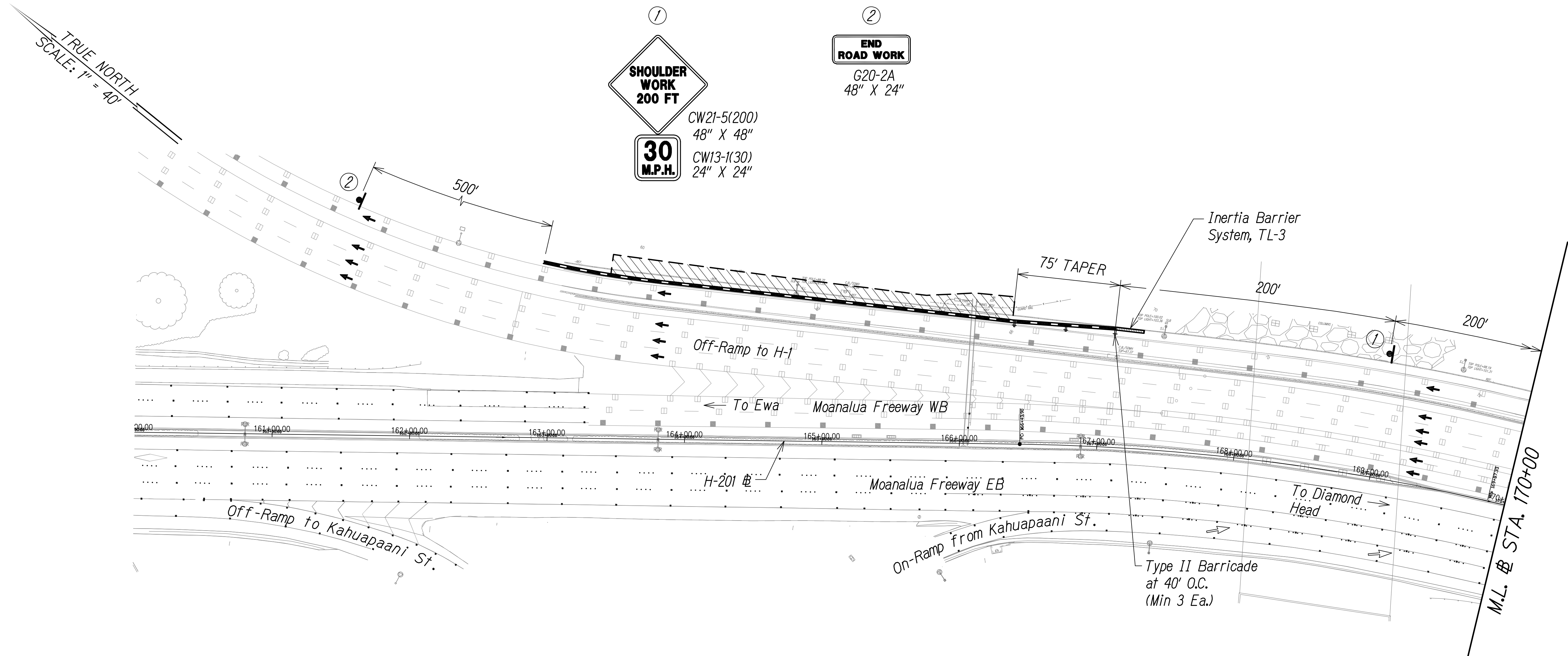
SHEET No. TC-30 OF 36 SHEETS

**TRAFFIC CONTROL PLAN - PHASE 3 (ADDITIVE ALT. #1)**  
24-HOUR CLOSURE  
SCALE: 1" = 40'

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	45	111

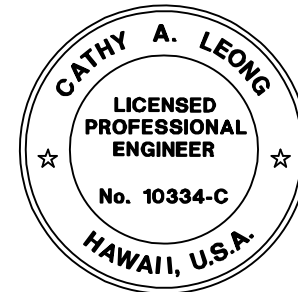


LEGEND

- |                           |                              |
|---------------------------|------------------------------|
| Work Zone                 | Existing Sign                |
| Concrete Barrier          | Flow of Traffic              |
| Sign                      | Inertia Barrier System, TL-3 |
| Temporary Solid Striping  | Type II Barricade            |
| Temporary Dashed Striping |                              |
| Temporary White Guideline |                              |

NOTES:

- Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
- Inertia barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
- Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 4 (BASE SCOPE)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

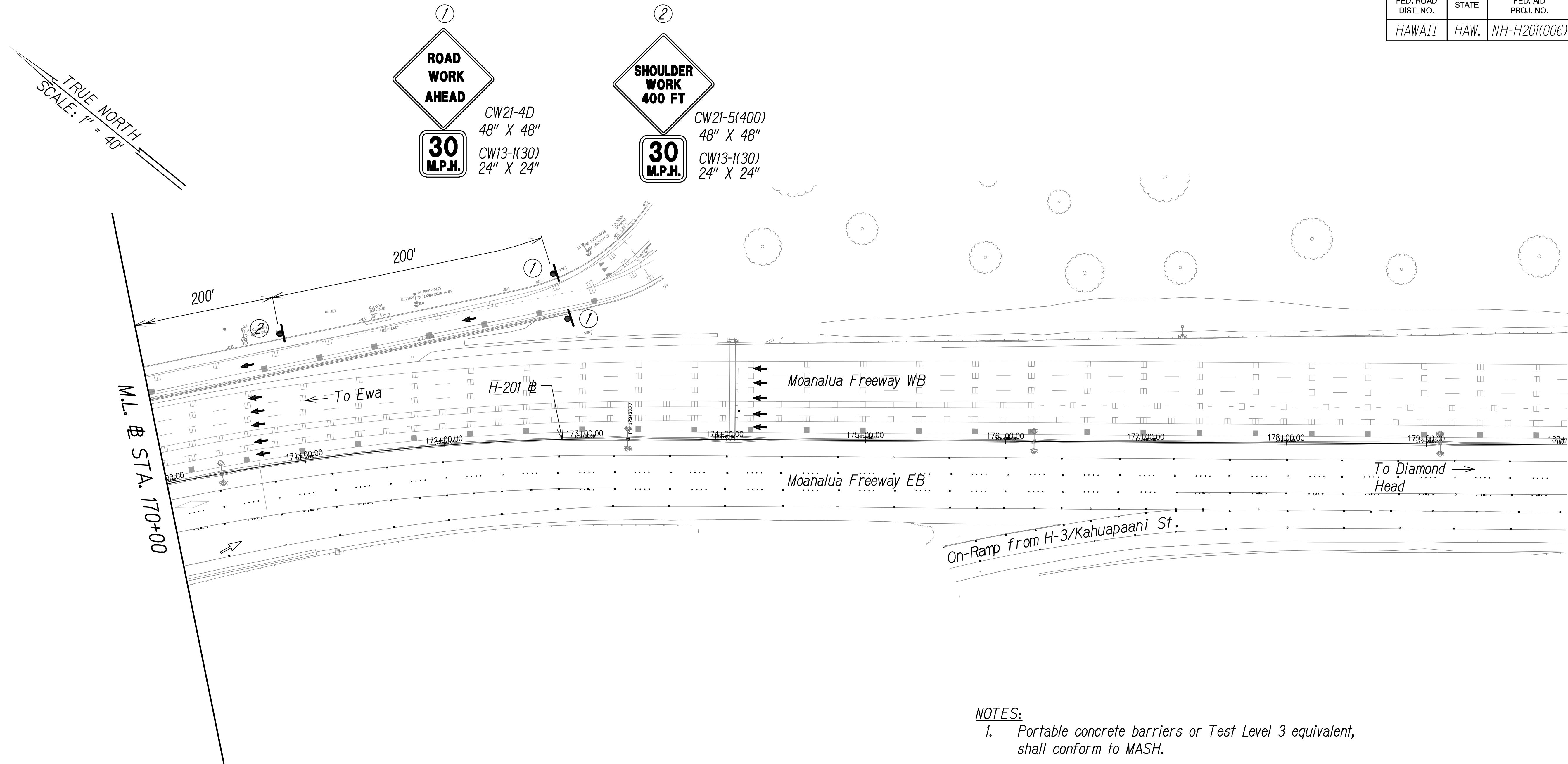
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TRAFFIC CONTROL PLAN**

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-31 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	46	111

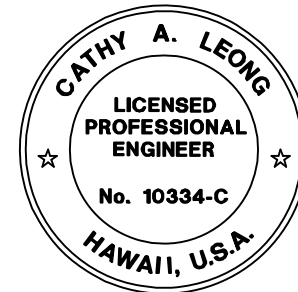


LEGEND

- |                           |                               |
|---------------------------|-------------------------------|
| Work Zone                 | Existing Sign                 |
| Concrete Barrier          | Flow of Traffic               |
| Sign                      | Inertial Barrier System, TL-3 |
| Temporary Solid Striping  | Type II Barricade             |
| Temporary Dashed Striping |                               |
| Temporary White Guideline |                               |

NOTES:

1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
3. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

TRAFFIC CONTROL PLAN - PHASE 4 (BASE SCOPE)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

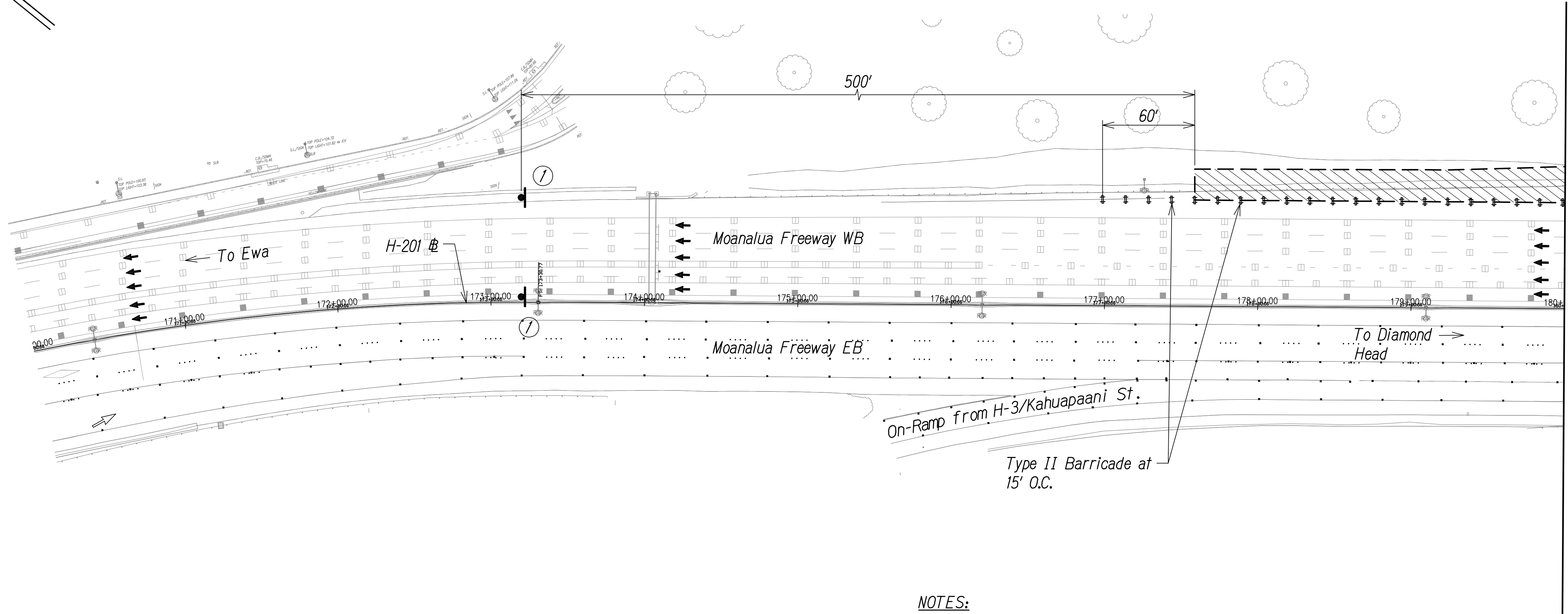
SHEET No. TC-32 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	47	111

TRUE NORTH  
SCALE: 1" = 40'

END  
ROAD WORK  
G20-2A  
48" X 24"



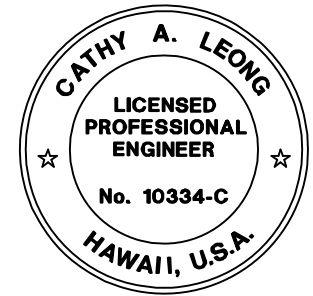
NOTES:  
1. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.

LEGEND

- Work Zone
- Sign
- Temporary Solid Striping
- Temporary Dashed Striping
- Temporary White Guideline
- Existing Sign
- Flow of Traffic
- Inertial Barrier System, TL-3
- Type II Barricade

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 5 (ADDITIVE ALT. #1)  
24-HOUR CLOSURE  
SCALE: 1" = 40'



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.  
Cathy A. Leong  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE 4/30/2022

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

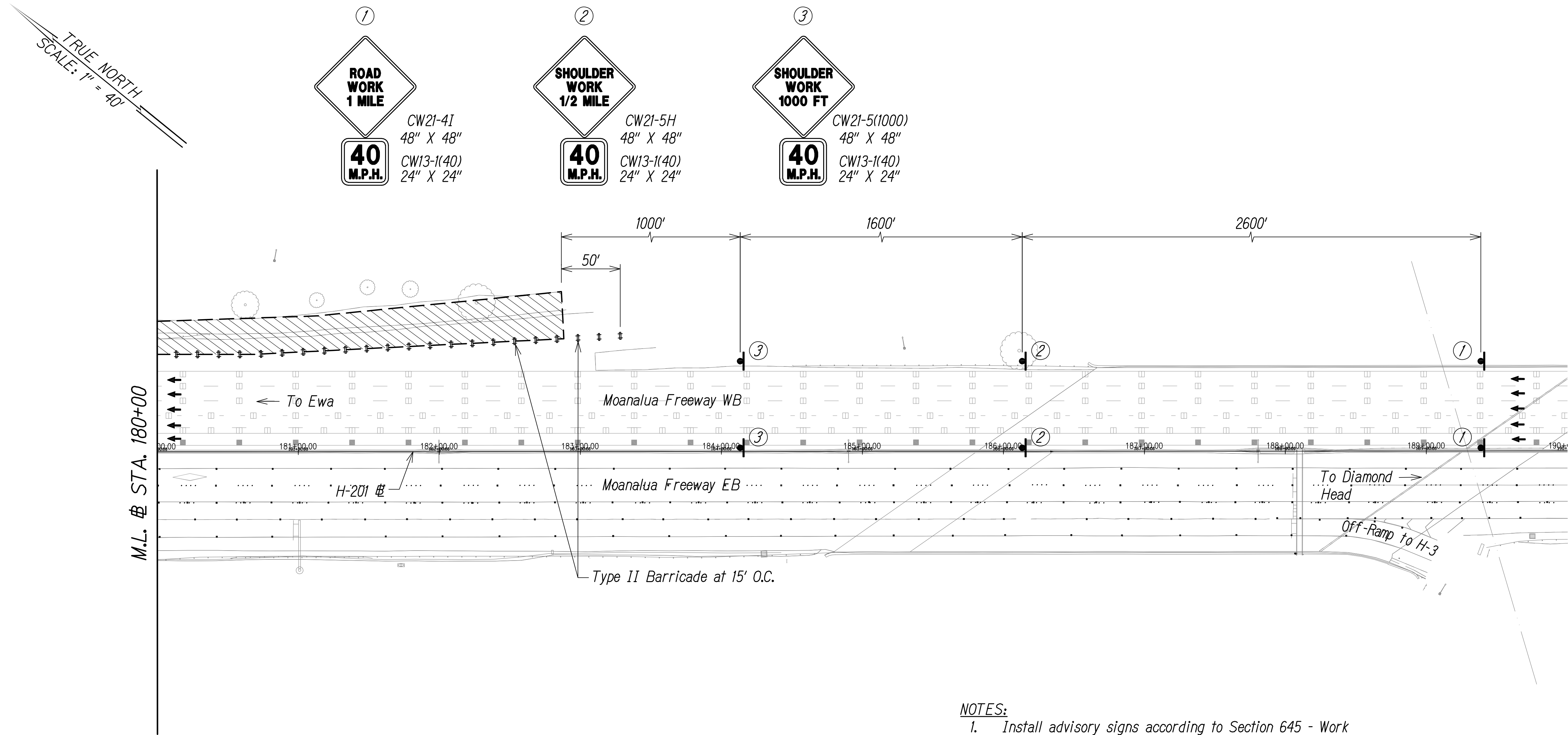
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-33 OF 36 SHEETS

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

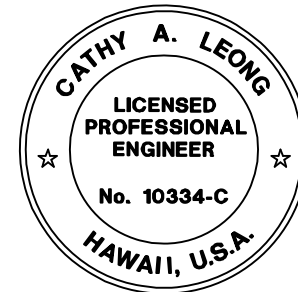
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	48	111



LEGEND

- |                           |                               |
|---------------------------|-------------------------------|
| Work Zone                 | Existing Sign                 |
| Sign                      | Flow of Traffic               |
| Temporary Solid Striping  | Inertial Barrier System, TL-3 |
| Temporary Dashed Striping | Type II Barricade             |
| Temporary White Guideline |                               |

- NOTES:
1. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



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*Cathy A. Leong* 4/30/2022  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 5 (ADDITIVE ALT. #1)  
24-HOUR CLOSURE  
SCALE: 1" = 40'

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN**

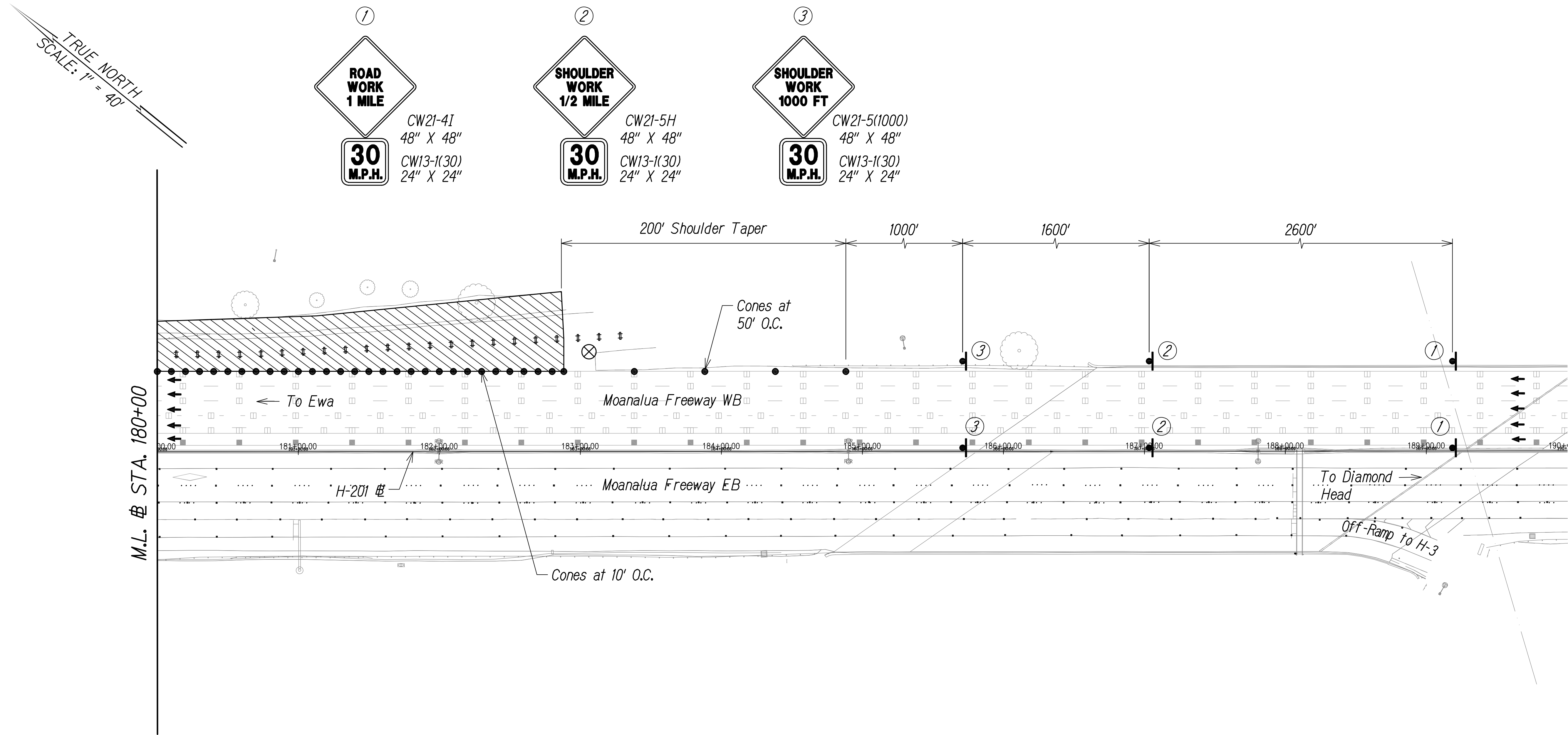
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-34 OF 36 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(006)	2020	50	111



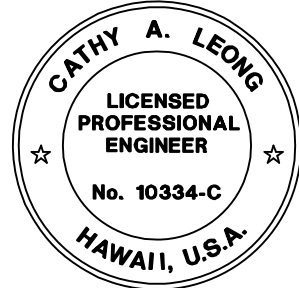
LEGEND

- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- ▮ Arrowboard Panel

GRAPHIC SCALE:  
40' 20' 0 40' 80'  
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 5 (ADDITIVE ALT. #1)  
TEMPORARY CLOSURE  
SCALE: 1" = 40'

- NOTES:
- Work Hours to Occur Between 8:30 a.m. to 3:00 p.m. (Monday through Friday).
  - Contractor to Remove or Cover Conflicting Signs Used During the 24-hr Shoulder Closure on Moanalua Freeway.
  - Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS  
Halawa to H-3 Freeway Underpass  
FAP NO. NH-H201(006)

Scale: 1" = 40' Date: July 2020

SHEET No. TC-36 OF 36 SHEETS