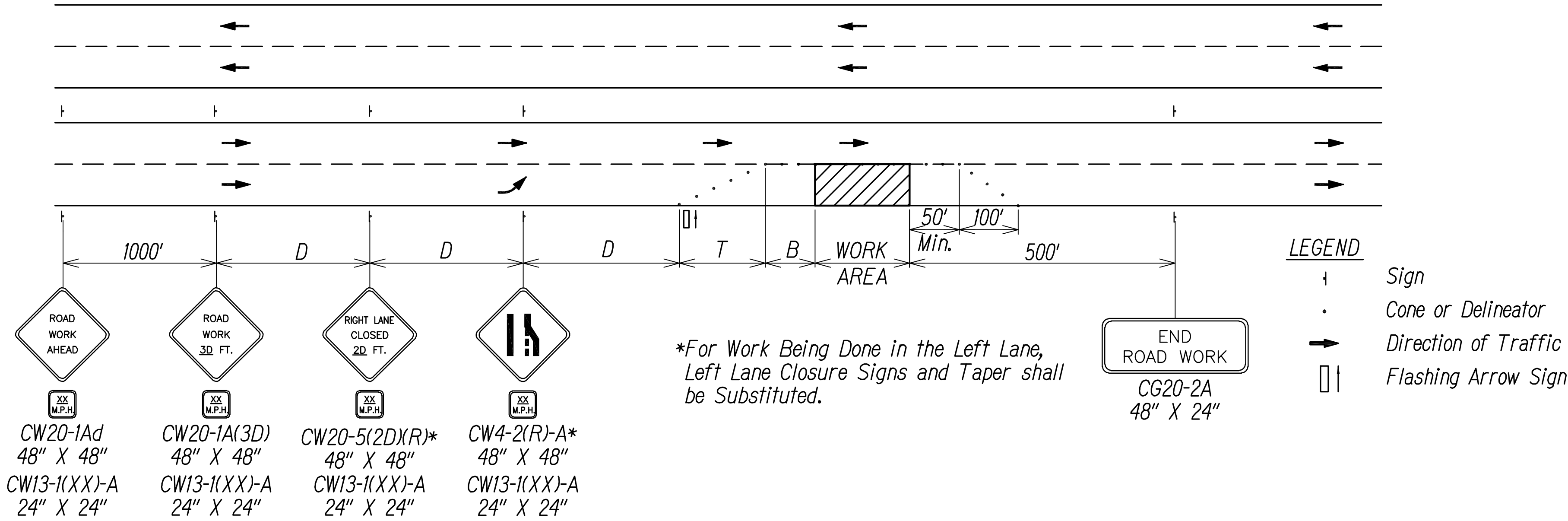
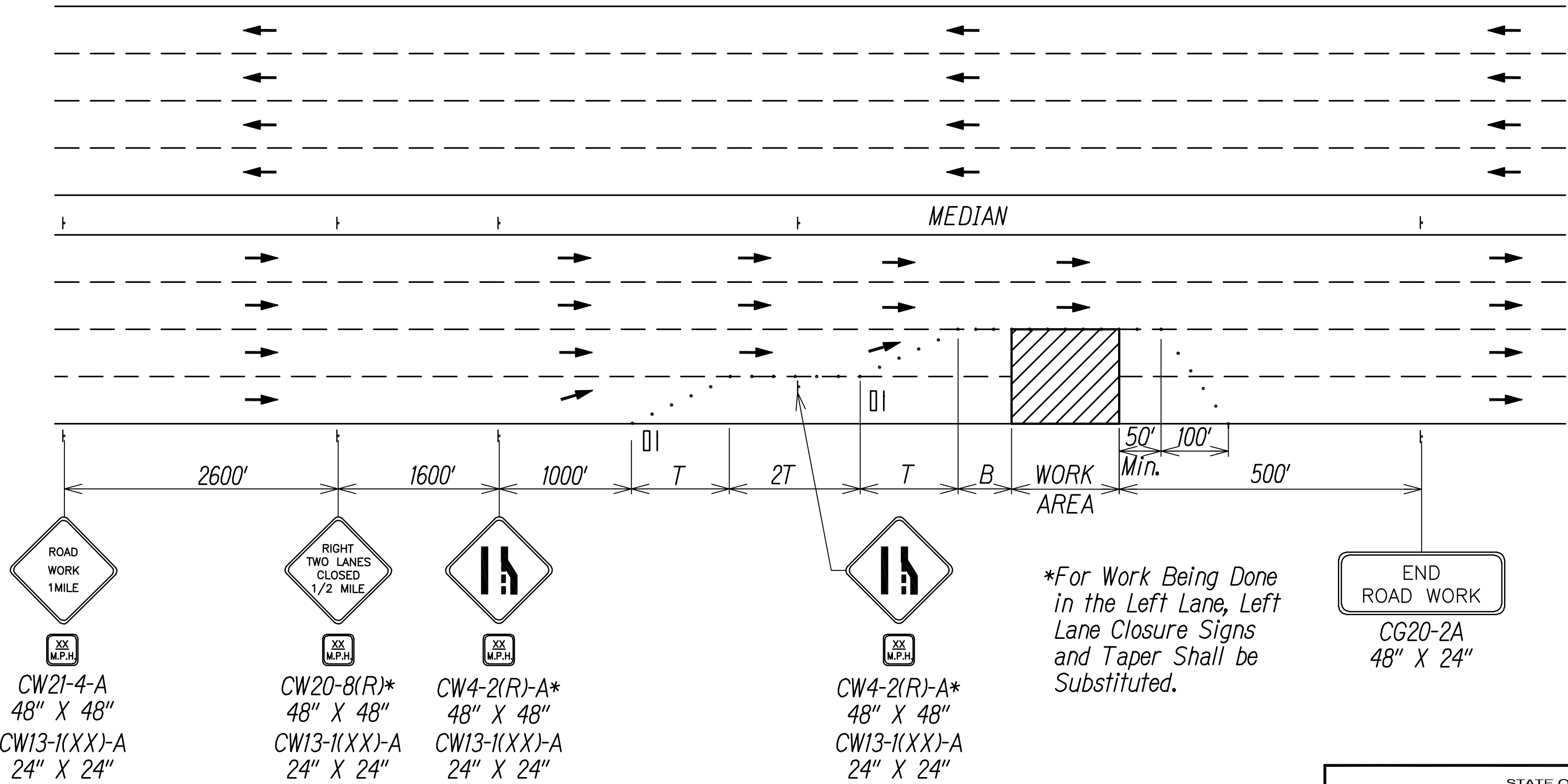


GENERAL NOTES FOR TRAFFIC CONTROL PLAN:

- 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.



MULTILANE DIVIDED HIGHWAY - ONE LANE CLOSED
Not to Scale

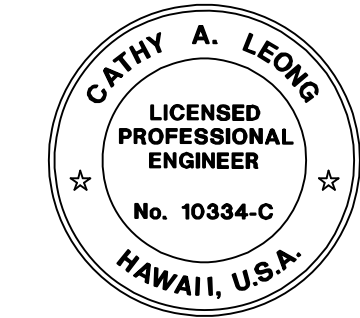


MULTILANE HIGHWAY - MULTIPLE LANE CLOSED
Not to Scale

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

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



EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

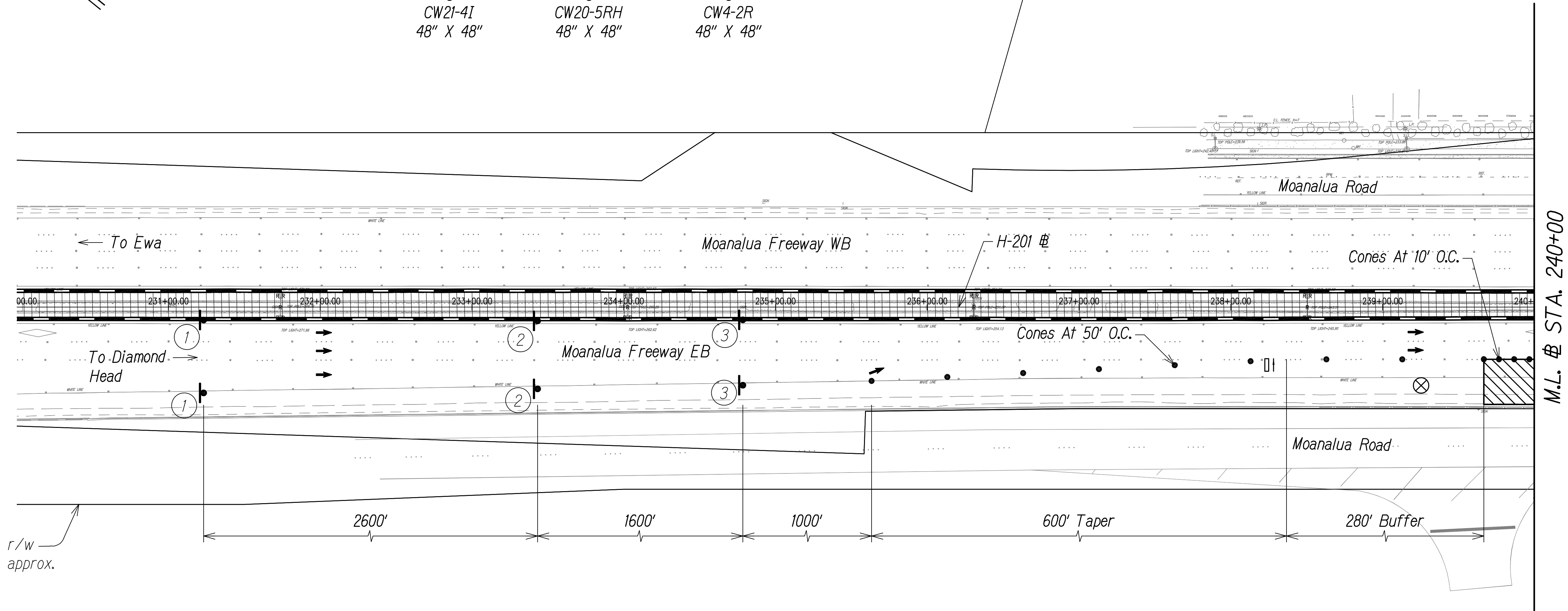
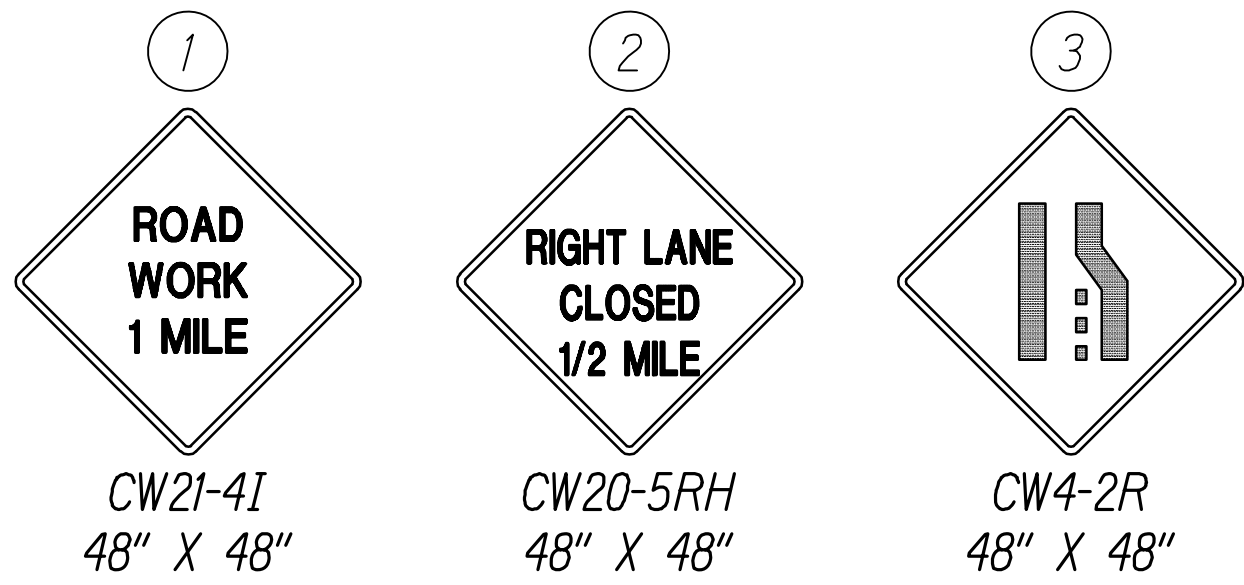
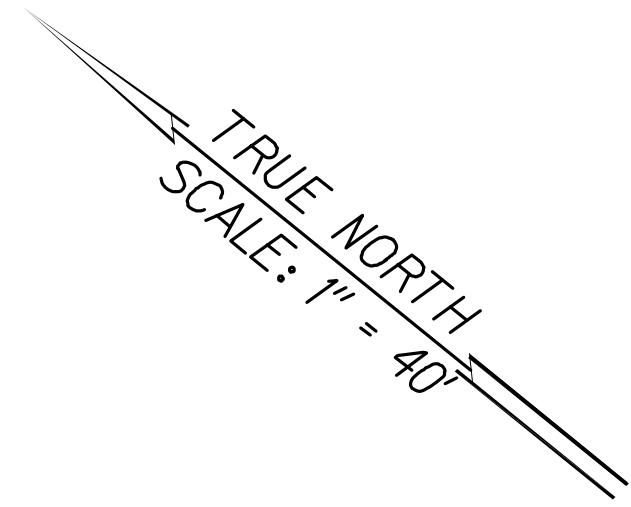
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: No Scale Date: July 2020

SHEET No. TC-1 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	23	140



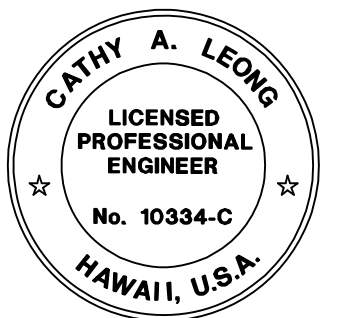
LEGEND

- ⊗ 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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

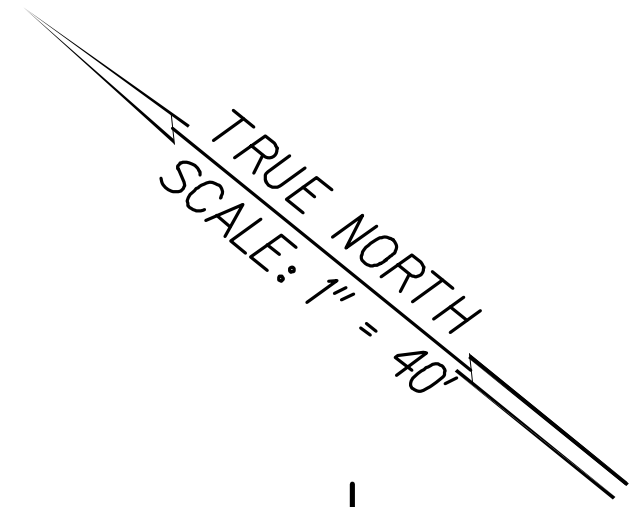
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

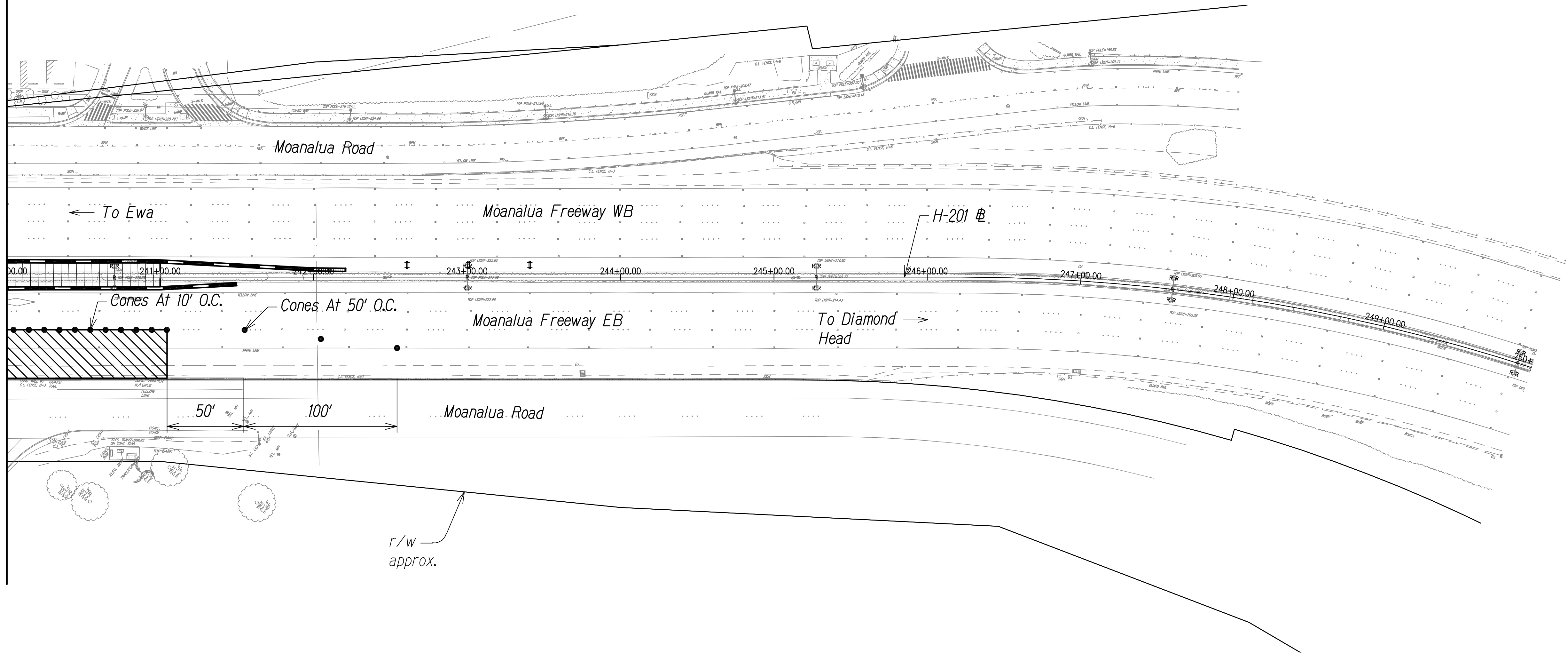
Scale: 1" = 40' Date: July 2020

SHEET No. TC-2 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	24	140



M.L. @ STA. 240+00



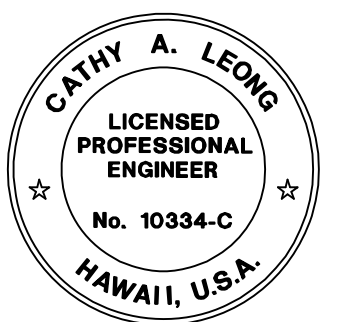
LEGEND

- ⊗ 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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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TRAFFIC CONTROL PLAN - TYPICAL (BASE SCOPE AND ADDITIVE ALT. #1)
TEMPORARY CLOSURE
SCALE: 1" = 40'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

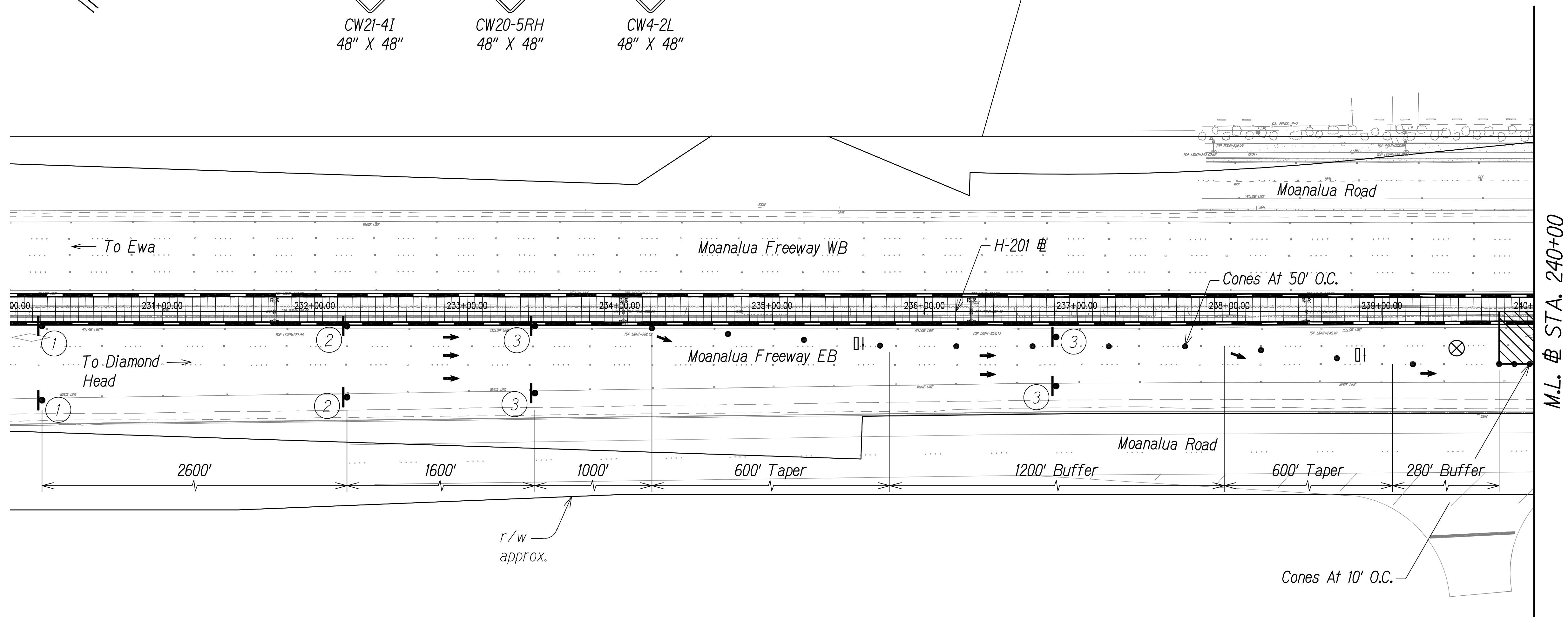
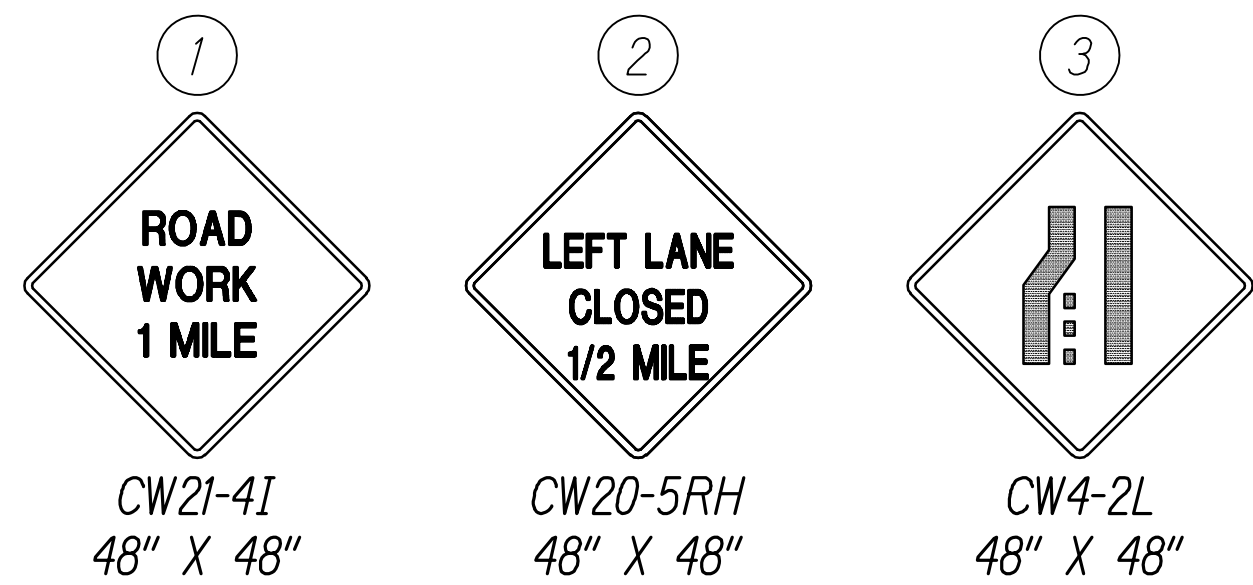
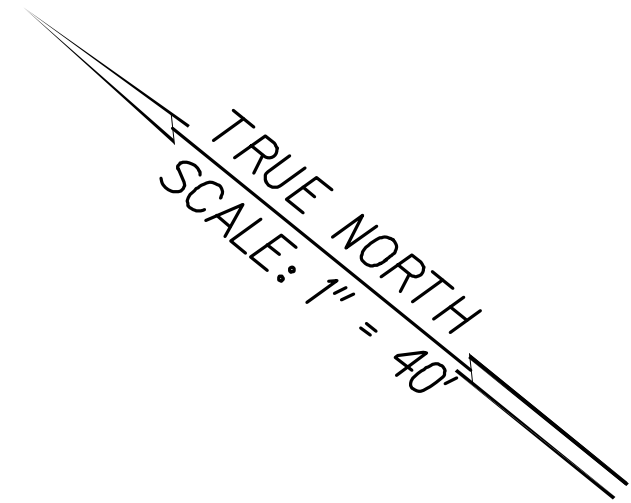
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-3 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	25	140



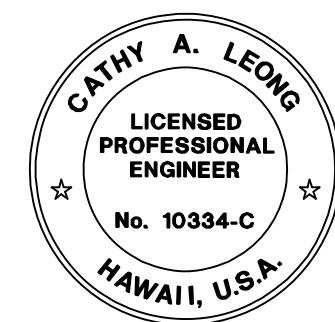
LEGEND

- ⊗ 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 10:00 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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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TRAFFIC CONTROL PLAN - TYPICAL (BASE SCOPE AND ADDITIVE ALT. #1)
TEMPORARY CLOSURE
SCALE: 1" = 40'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN

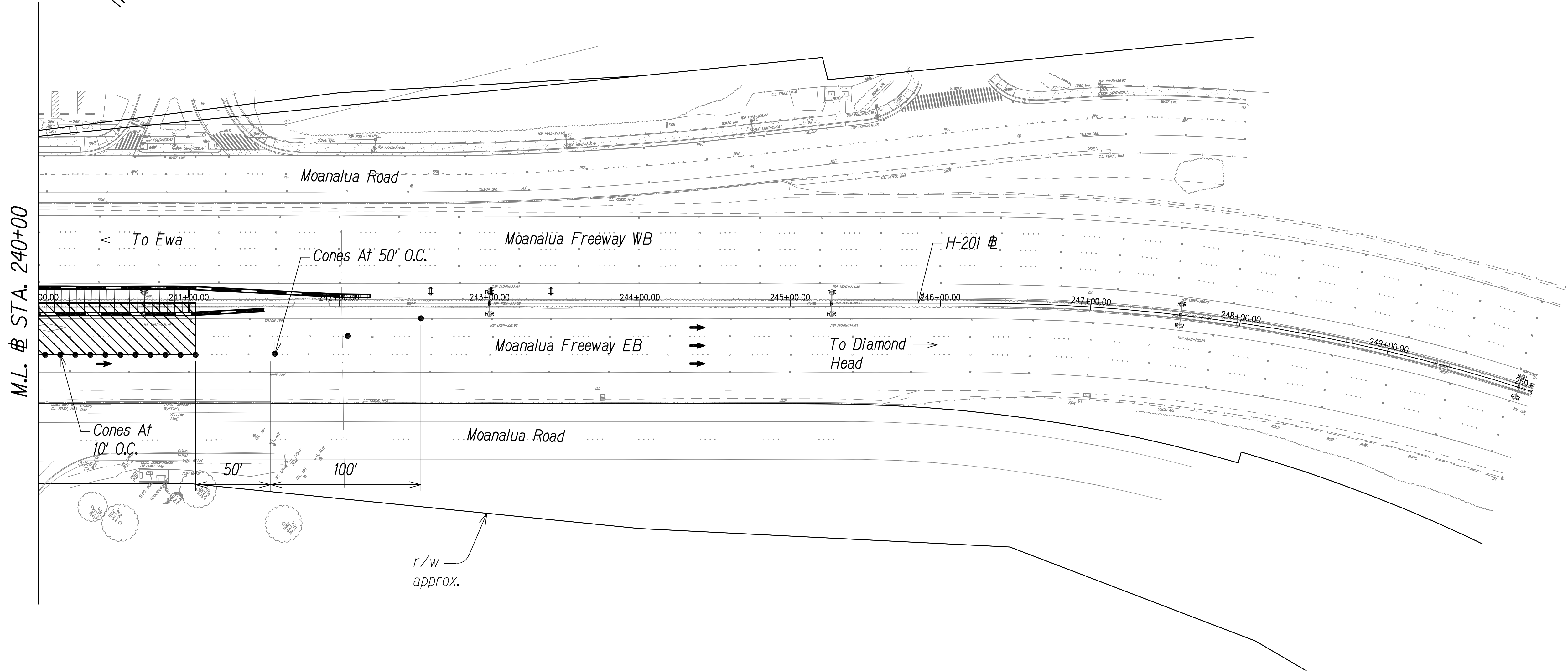
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-4 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	26	140

TRUE NORTH
SCALE: 1" = 40'



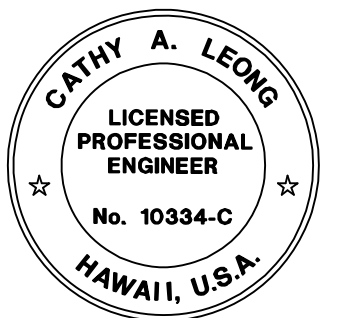
LEGEND

- ⊗ 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 10:00 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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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TRAFFIC CONTROL PLAN - TYPICAL (BASE SCOPE AND ADDITIVE ALT. #1)
TEMPORARY CLOSURE
SCALE: 1" = 40'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

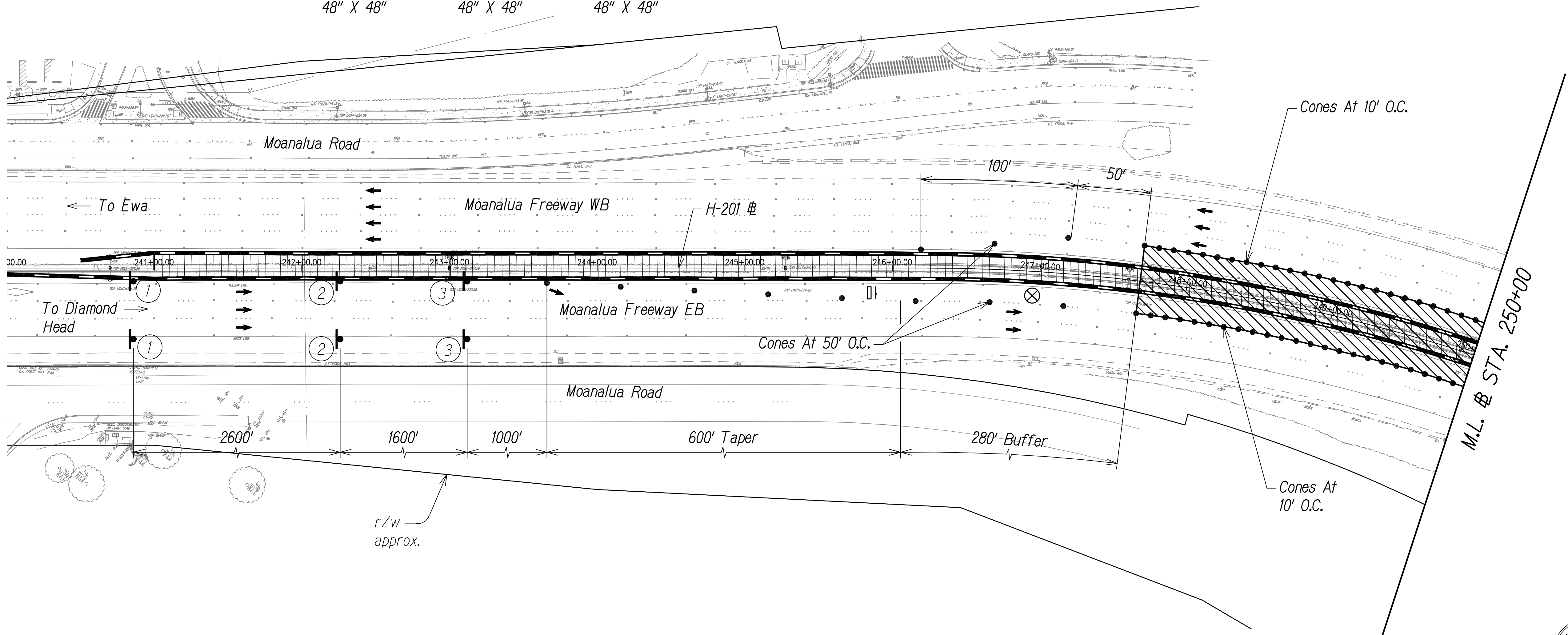
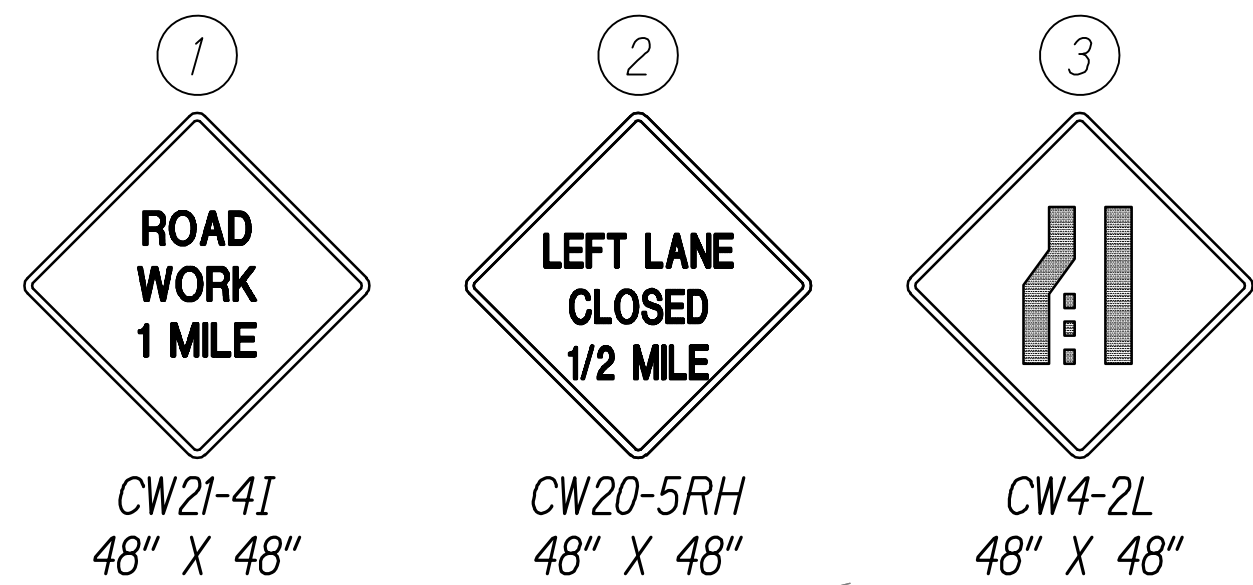
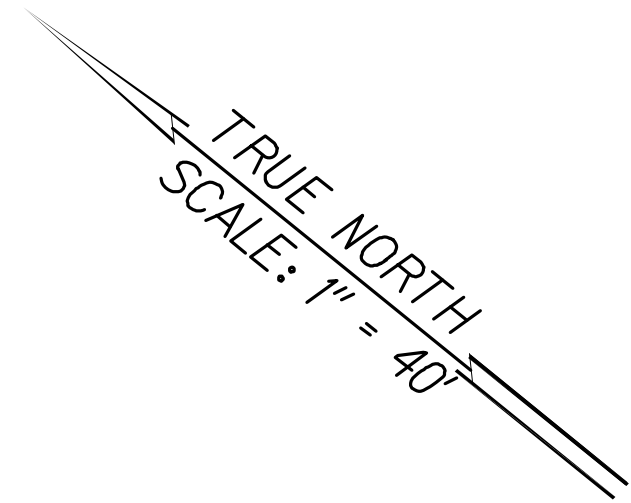
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-5 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	27	140



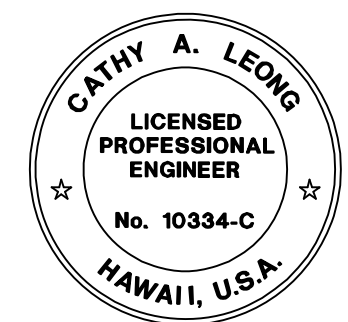
LEGEND

- ⊗ 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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
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TRAFFIC CONTROL PLAN - TYPICAL (ADDITIVE ALT. #1)
TEMPORARY CLOSURE
SCALE: 1" = 40'

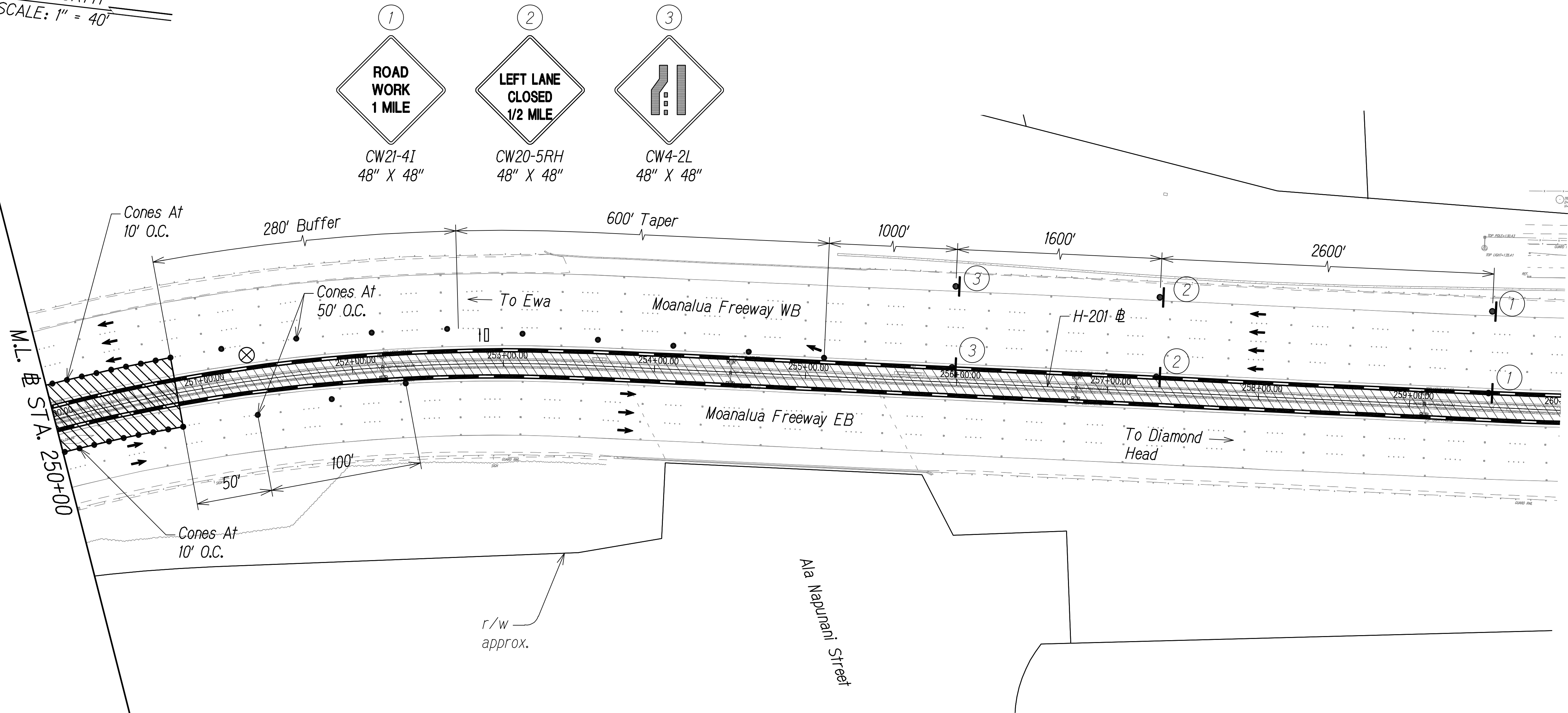
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-6 OF 49 SHEETS

TRUE NORTH
SCALE: 1" = 40'



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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

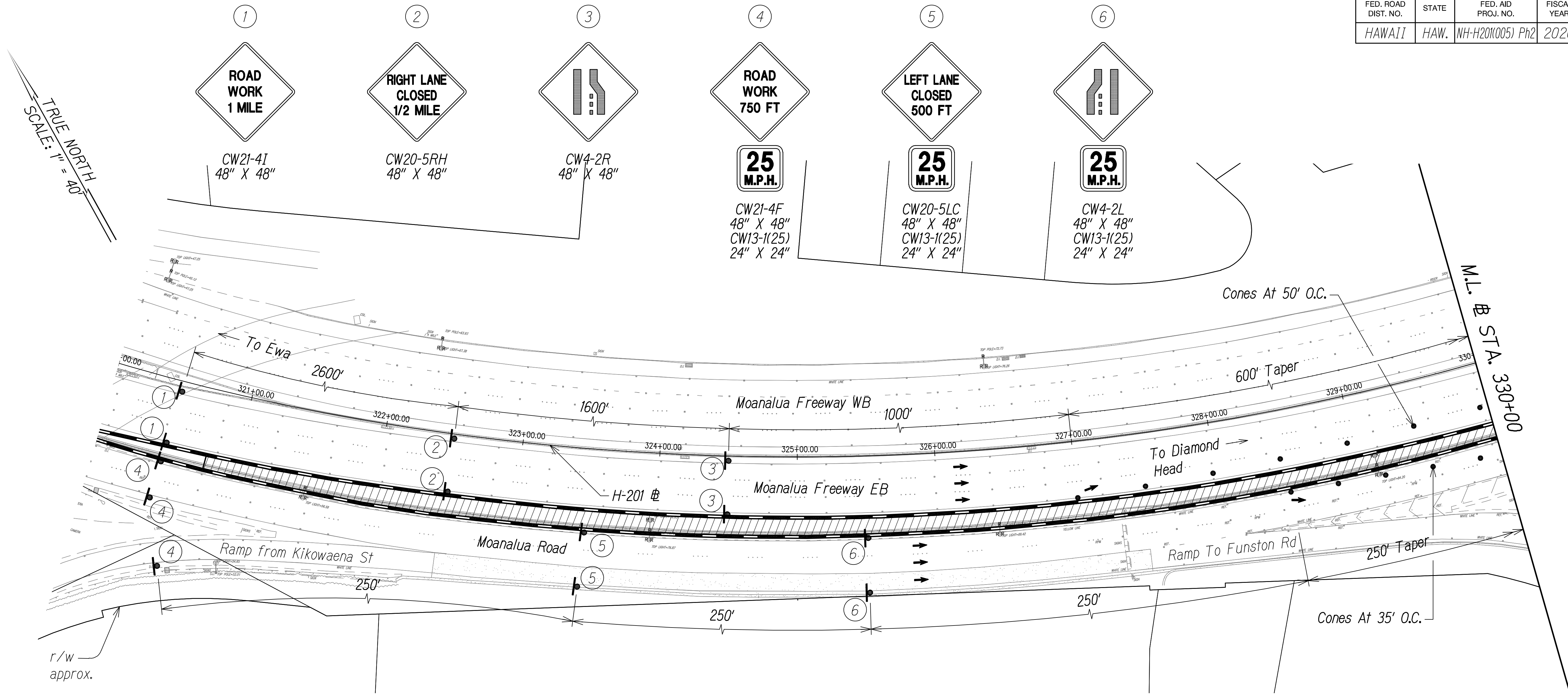
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-7 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	29	140



LEGEND

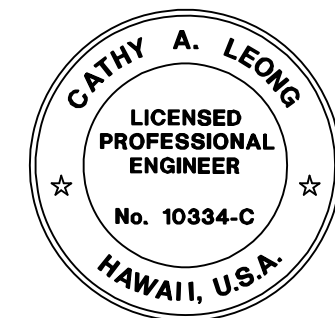
- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- ▮ Arrowboard Panel

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 H-1.
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)
TEMPORARY CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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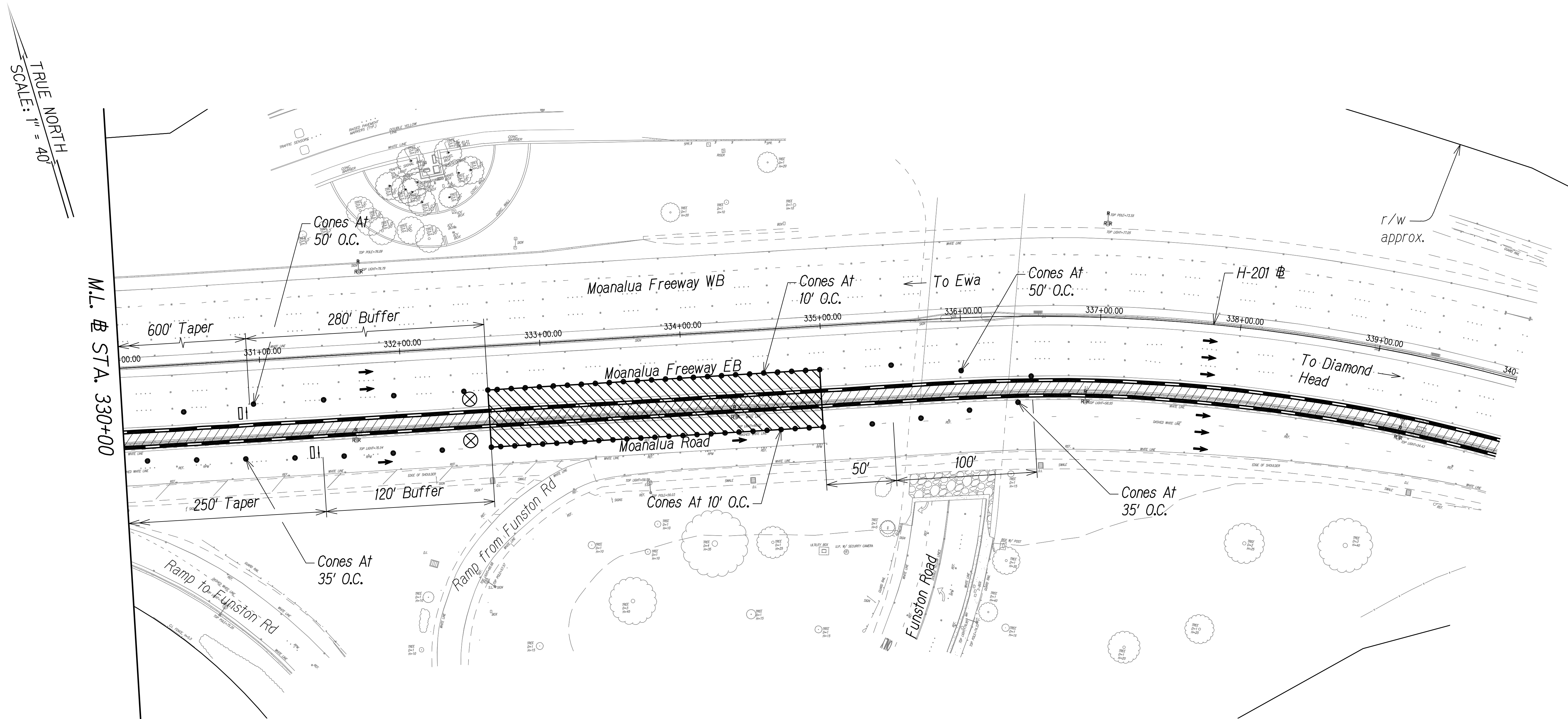
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-8 OF 49 SHEETS



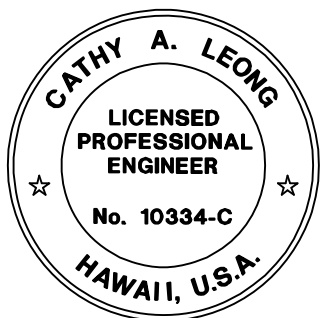
LEGEND

- ⊗ 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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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HIGHWAYS DIVISION

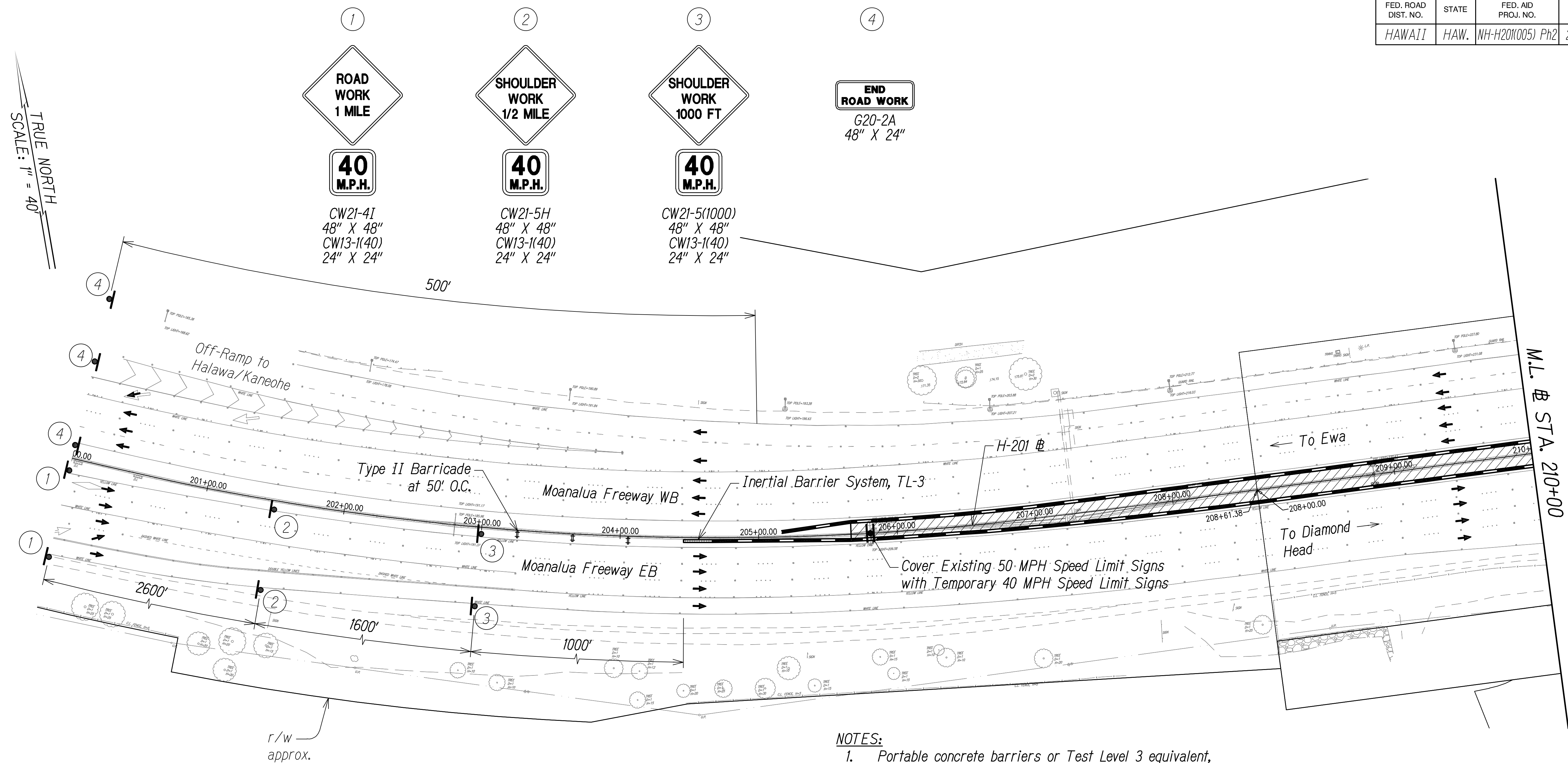
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-9 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	31	140

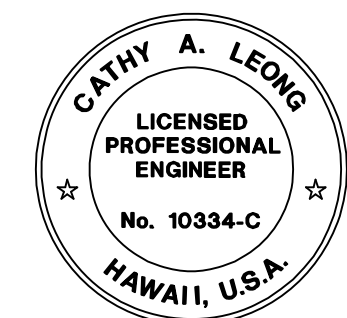


- NOTES:**
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
 2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
 3. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. 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 | 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 | |

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

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



Cathy A. Leong
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

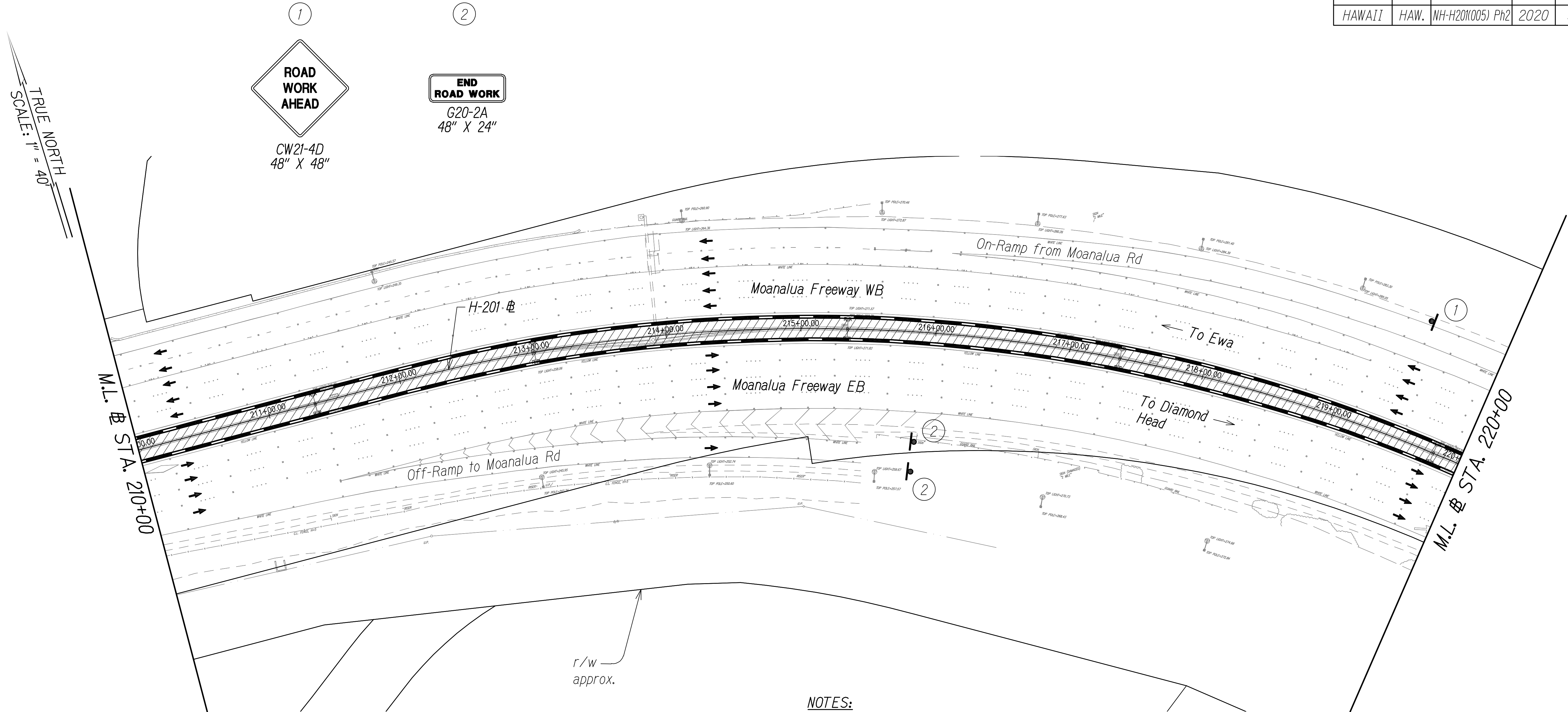
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

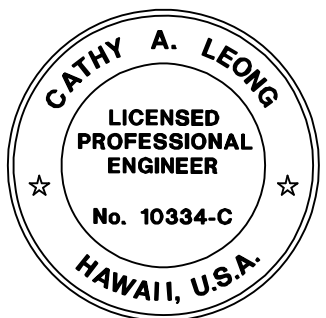
Scale: 1" = 40' Date: July 2020
SHEET No. TC-10 OF 49 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	32	140



- 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

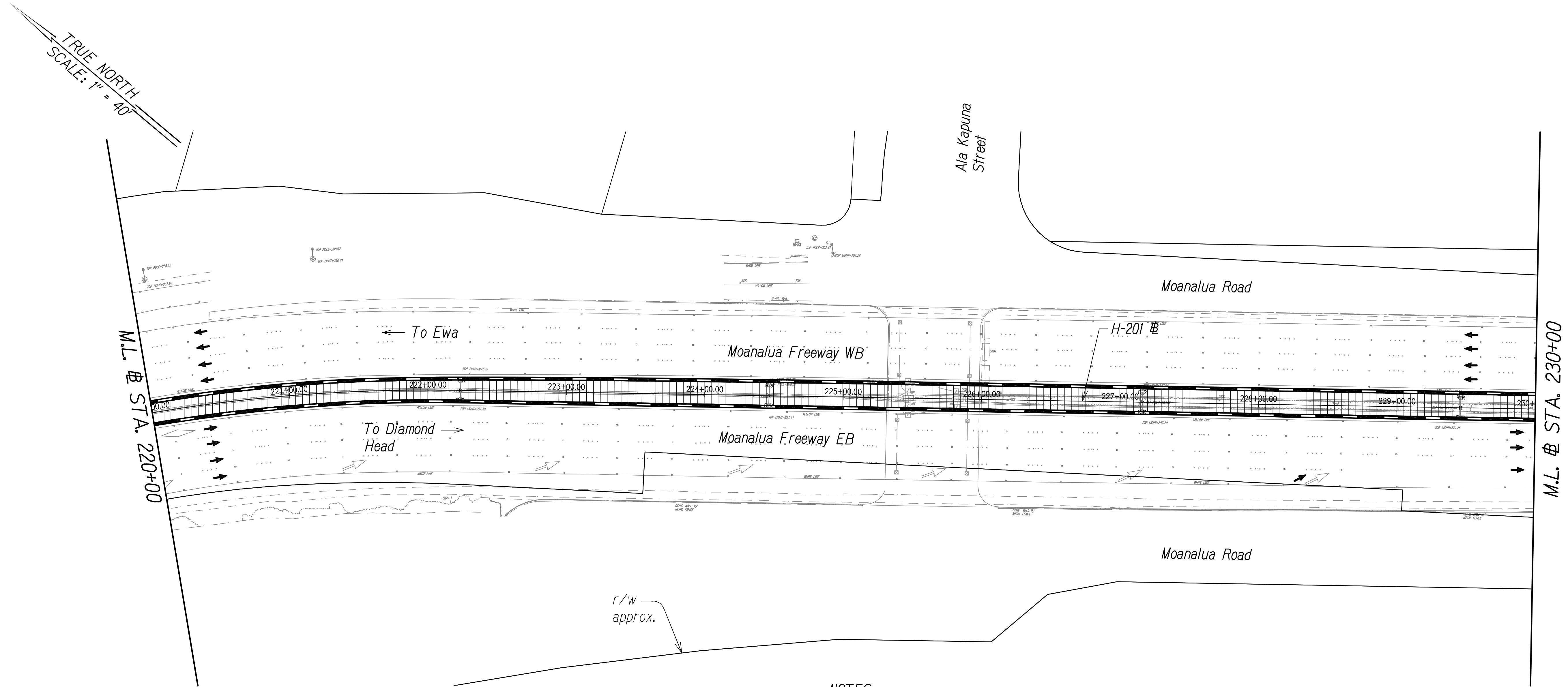
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

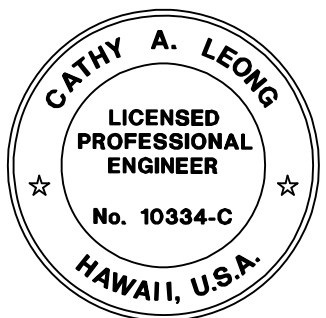
Scale: 1" = 40' Date: July 2020

SHEET No. TC-11 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	33	140



- 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

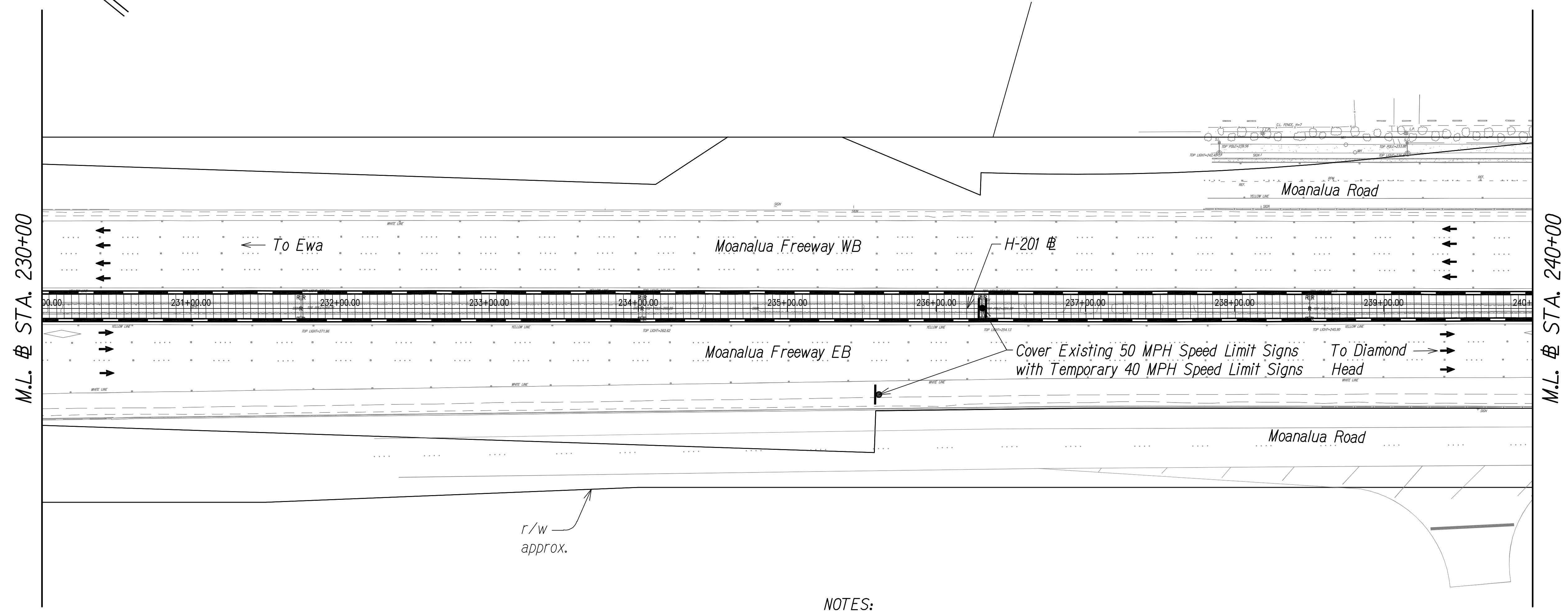
SHEET No. TC-12 OF 49 SHEETS

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

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	34	140

TRUE NORTH
SCALE: 1" = 40'

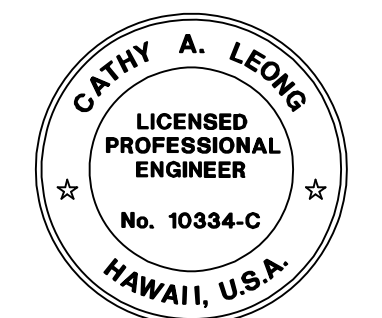


LEGEND

- | | | | |
|--|---------------------------|--|-------------------------------|
| | 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

TRAFFIC CONTROL PLAN - PHASE 1 (ADDITIVE ALT. #1)
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

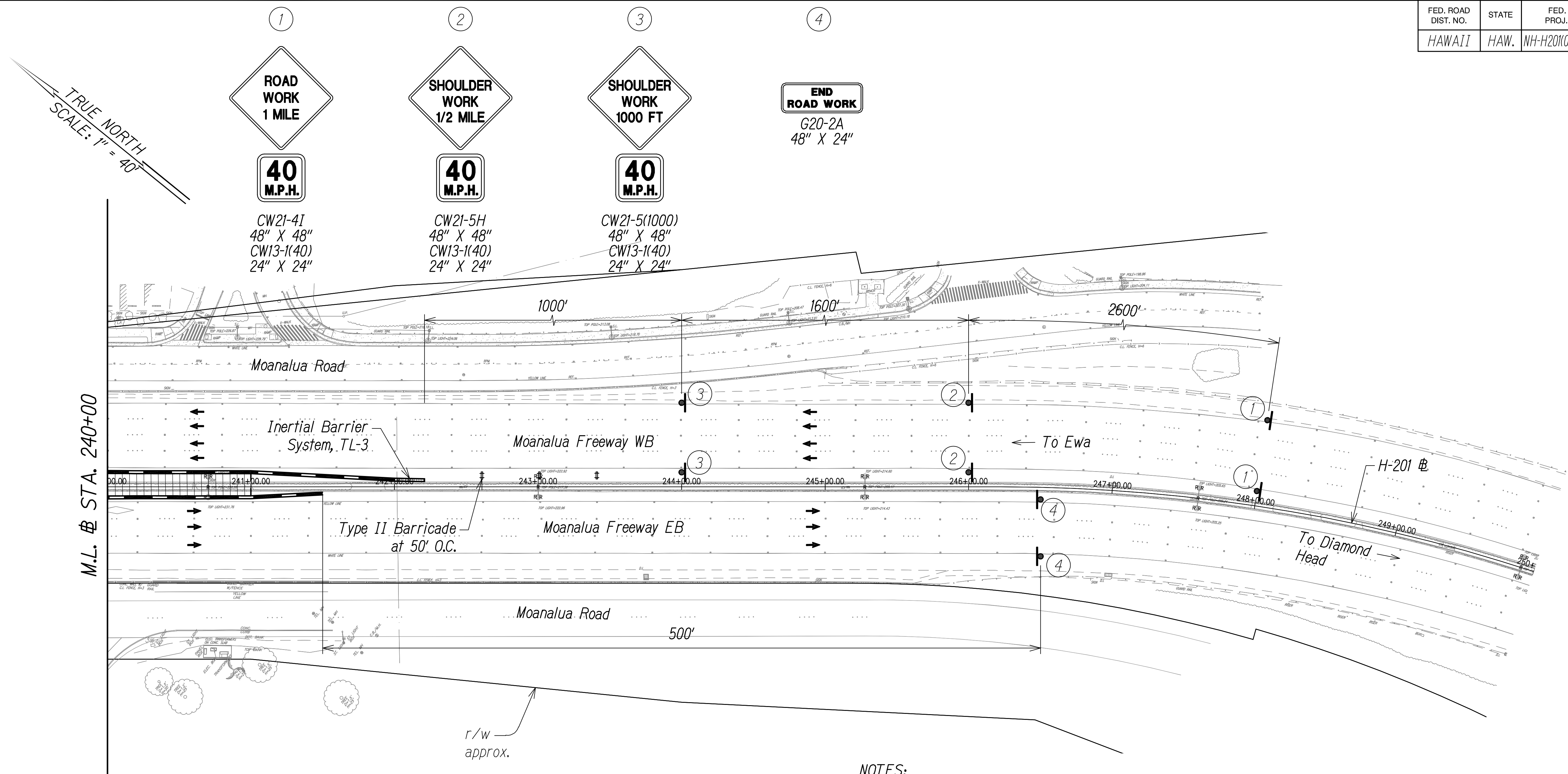
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-13 OF 49 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	35	140

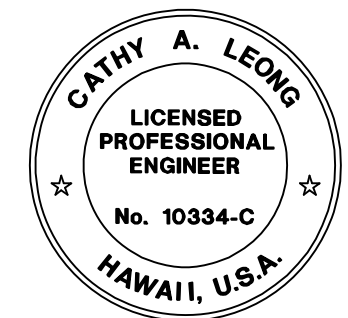


- LEGEND**
- | | |
|---------------------------|-------------------------------|
| Work Zone | Existing Sign |
| Concrete Barrier | Flow of Traffic |
| Sign | Inertial Barrier System, TL-3 |
| Temporary Solid Striping | Type II Barricade |
| Temporary Dashed Striping | |
| Temporary White Guideline |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

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

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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
4. 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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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-14 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	36	140



①

ROAD WORK
750 FT

25
M.P.H.

CW21-4F
48" X 48"
CW13-1(25)
24" X 24"

②

LEFT LANE
CLOSED
500 FT

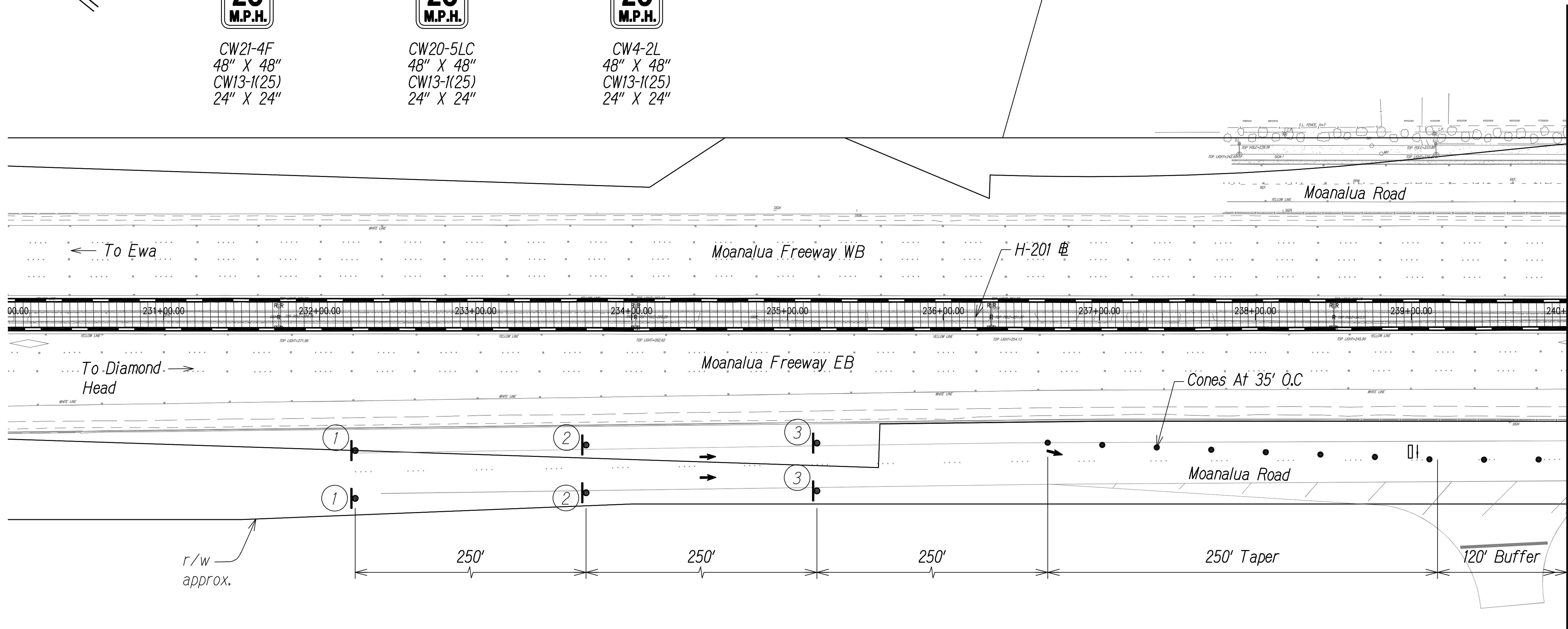
25
M.P.H.

CW20-5LC
48" X 48"
CW13-1(25)
24" X 24"

③

25
M.P.H.

CW4-2L
48" X 48"
CW13-1(25)
24" X 24"



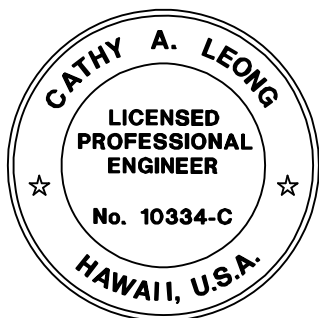
LEGEND

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

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

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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

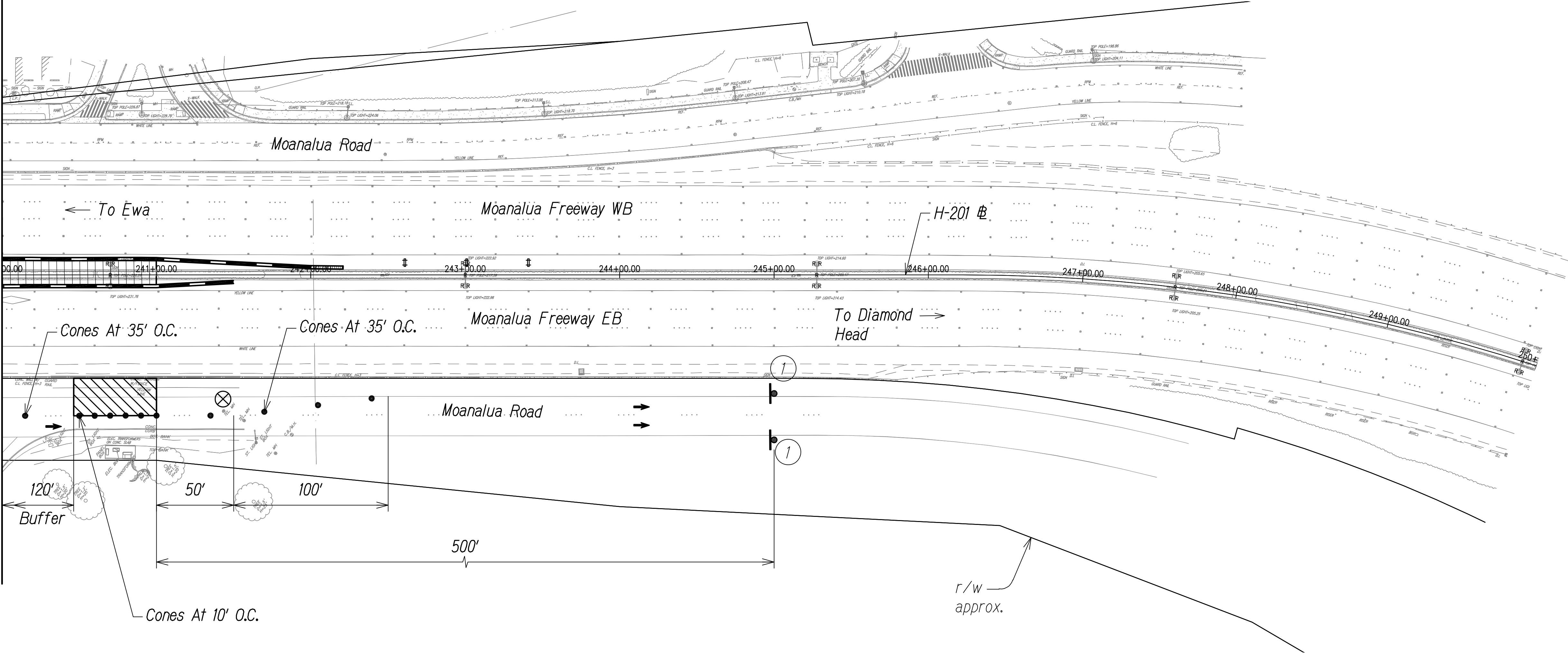
SHEET No. TC-15 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	37	140



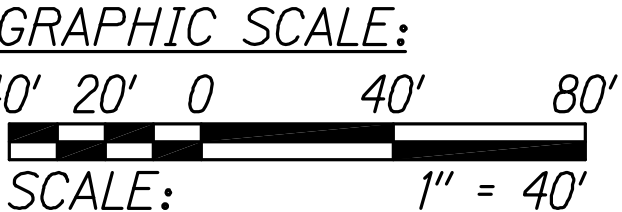
END
ROAD WORK
G20-2A
48" X 24"

M.L. @ STA. 240+00



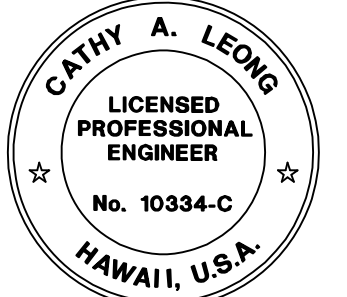
LEGEND

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



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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

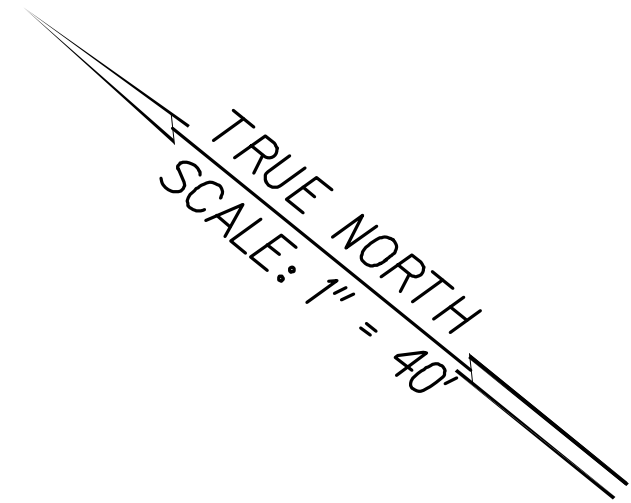
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020



SHEET No. TC-16 OF 49 SHEETS

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



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	38	140



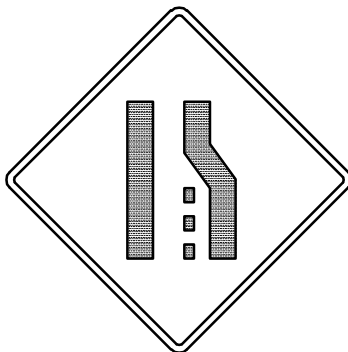

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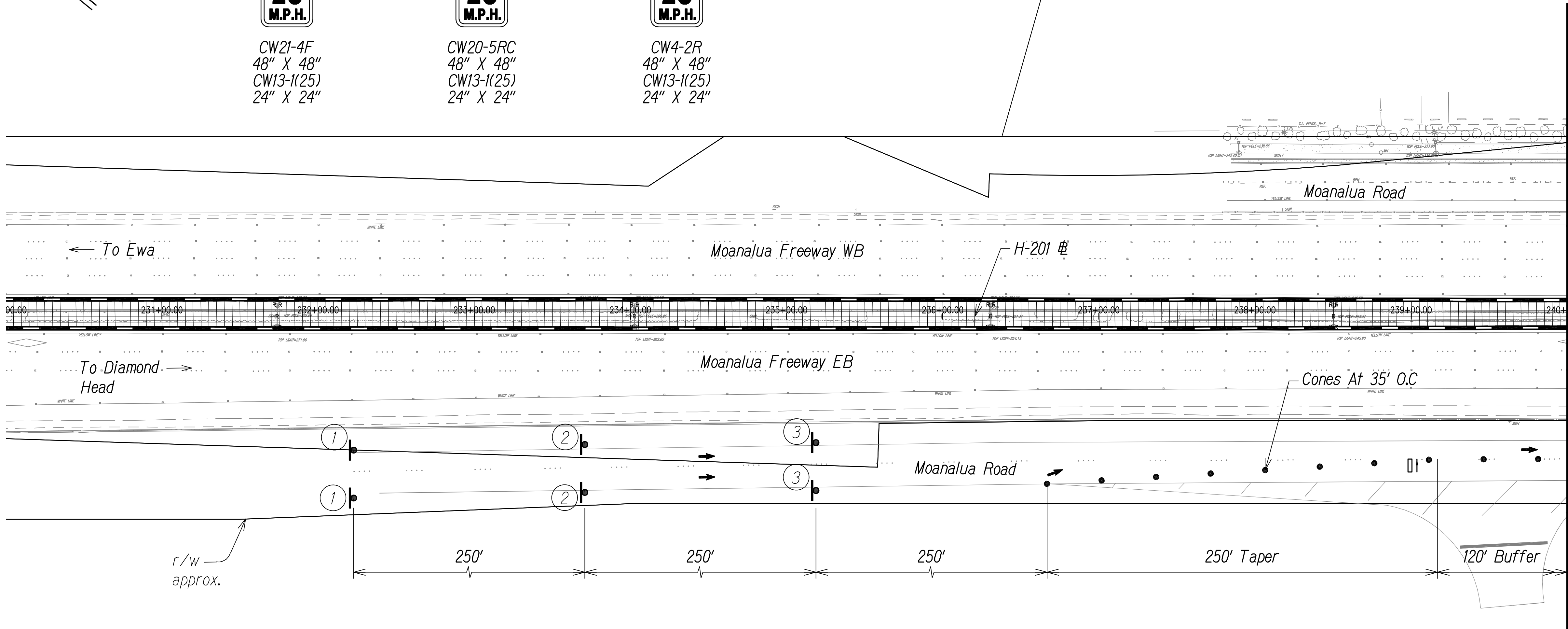


CW21-4F
48" X 48"
CW13-1(25)
24" X 24"

2



CW20-5RC
48" X 48"
CW13-1(25)
24" X 24"

3



CW4-2R
48" X 48"
CW13-1(25)
24" X 24"



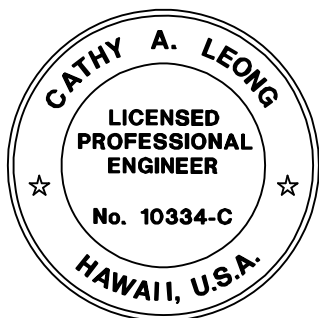
LEGEND

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

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

NOTES:

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



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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TRAFFIC CONTROL PLAN - PHASE 1 (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 Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

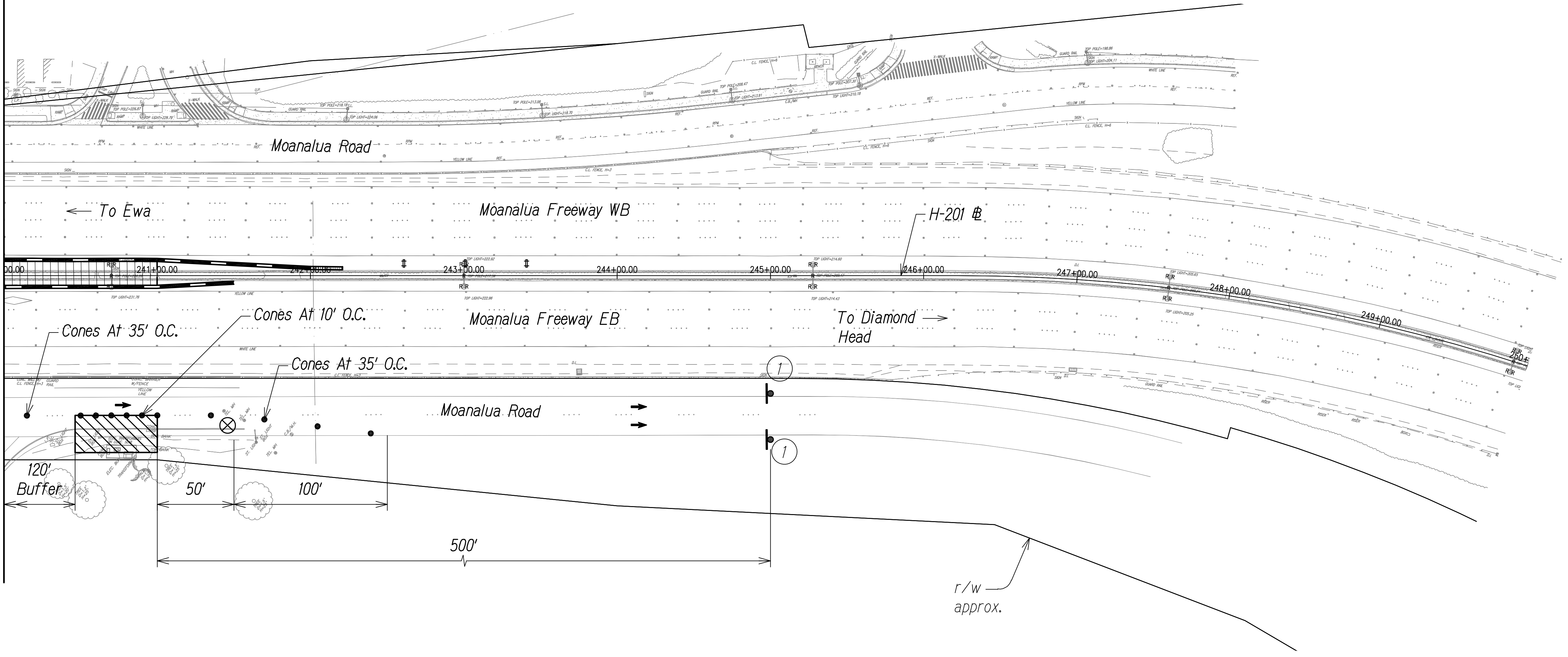
SHEET No. TC-17 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	39	140



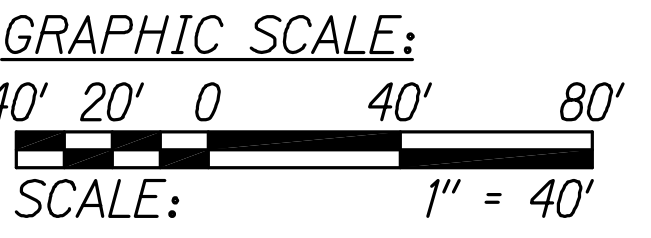
END
ROAD WORK
G20-2A
48" X 24"

M.L. @ STA. 240+00



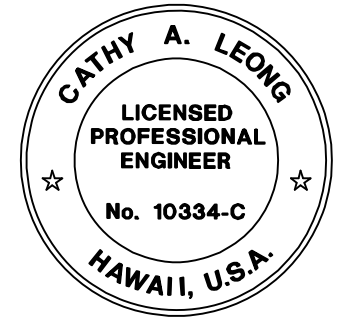
LEGEND

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



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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



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HIGHWAYS DIVISION

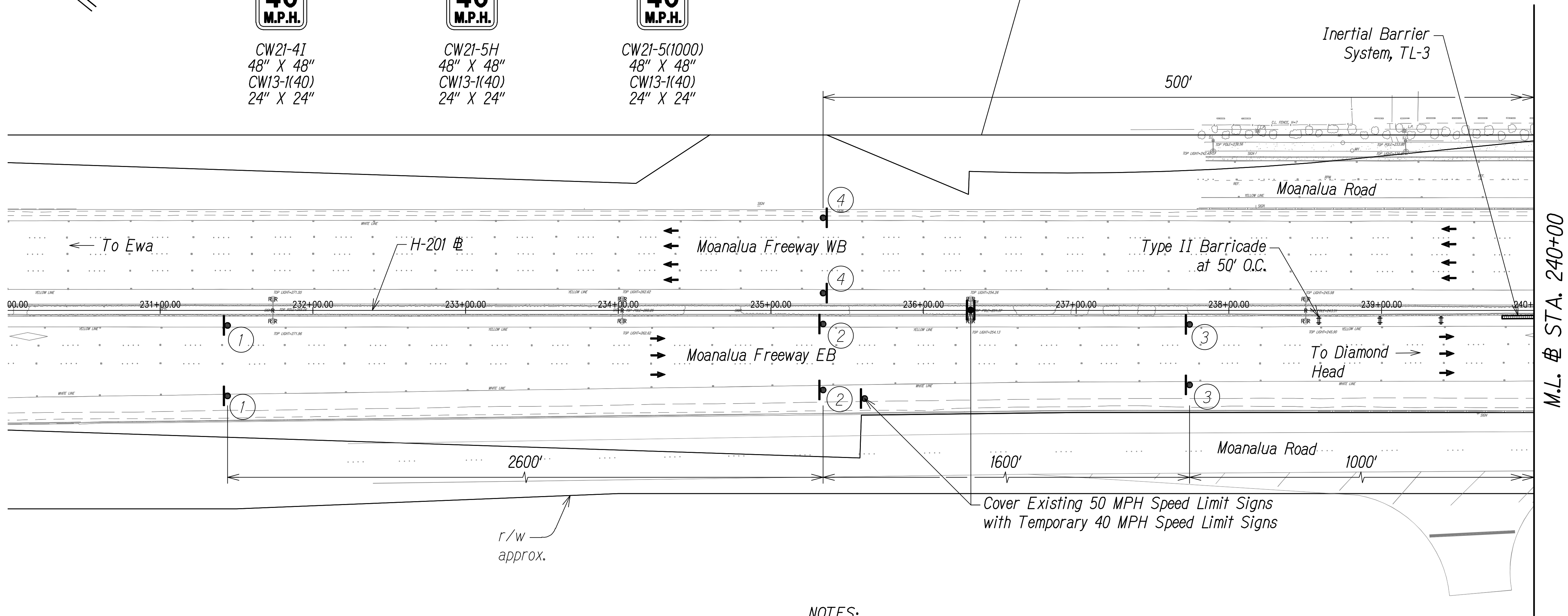
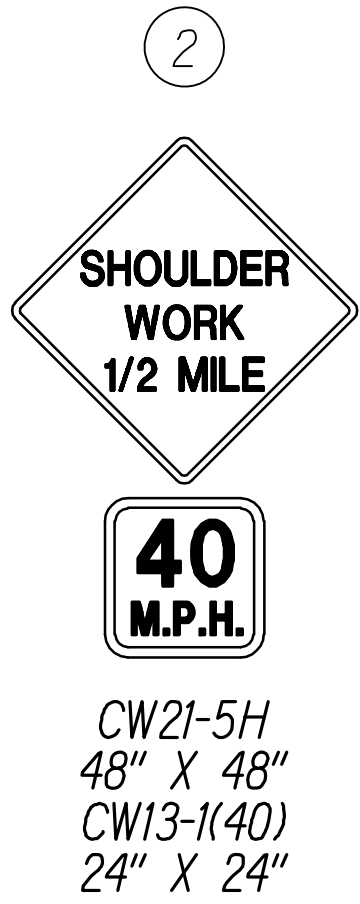
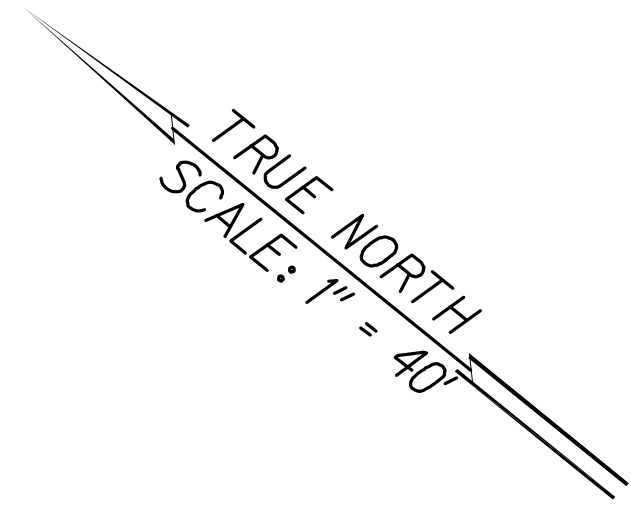
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-18 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	40	140



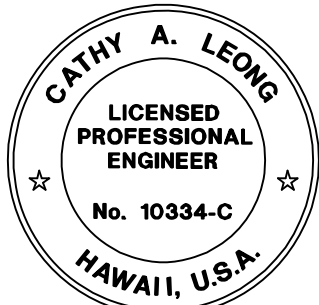
- NOTES:
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
 2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report350 - Test Level 3 hardware purchased prior to December 31, 2018.
 3. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

- 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 | | |

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

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



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

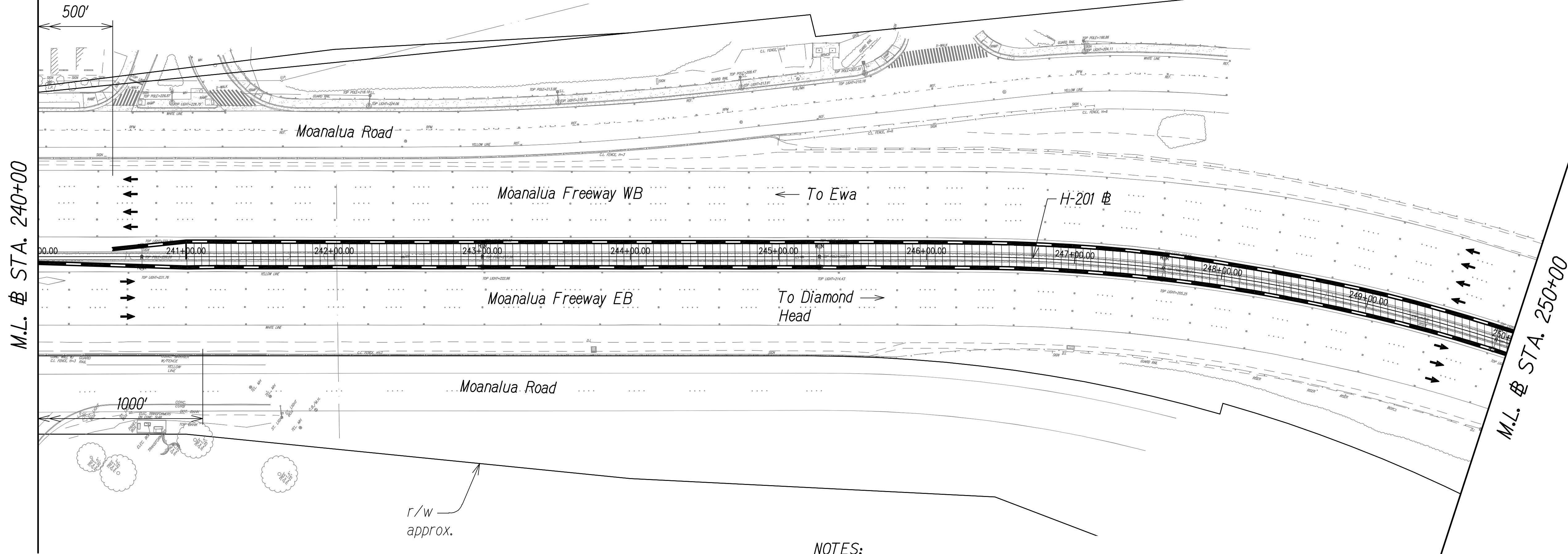
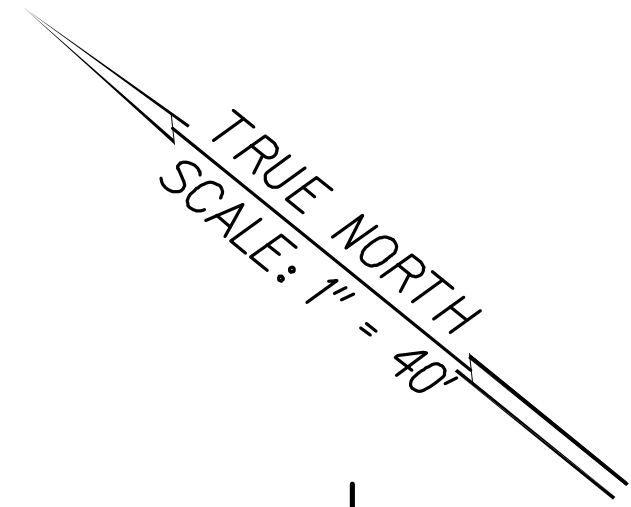
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020
SHEET No. TC-19 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	41	140



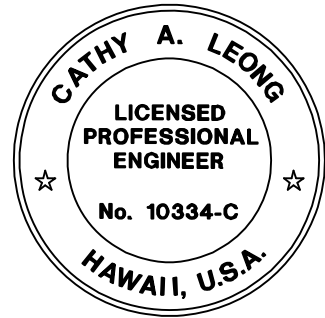
- NOTES:**
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
 2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report350 - Test Level 3 hardware purchased prior to December 31, 2018.
 3. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.

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

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 2 (ADDITIVE ALT. #1)
24-HOUR CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

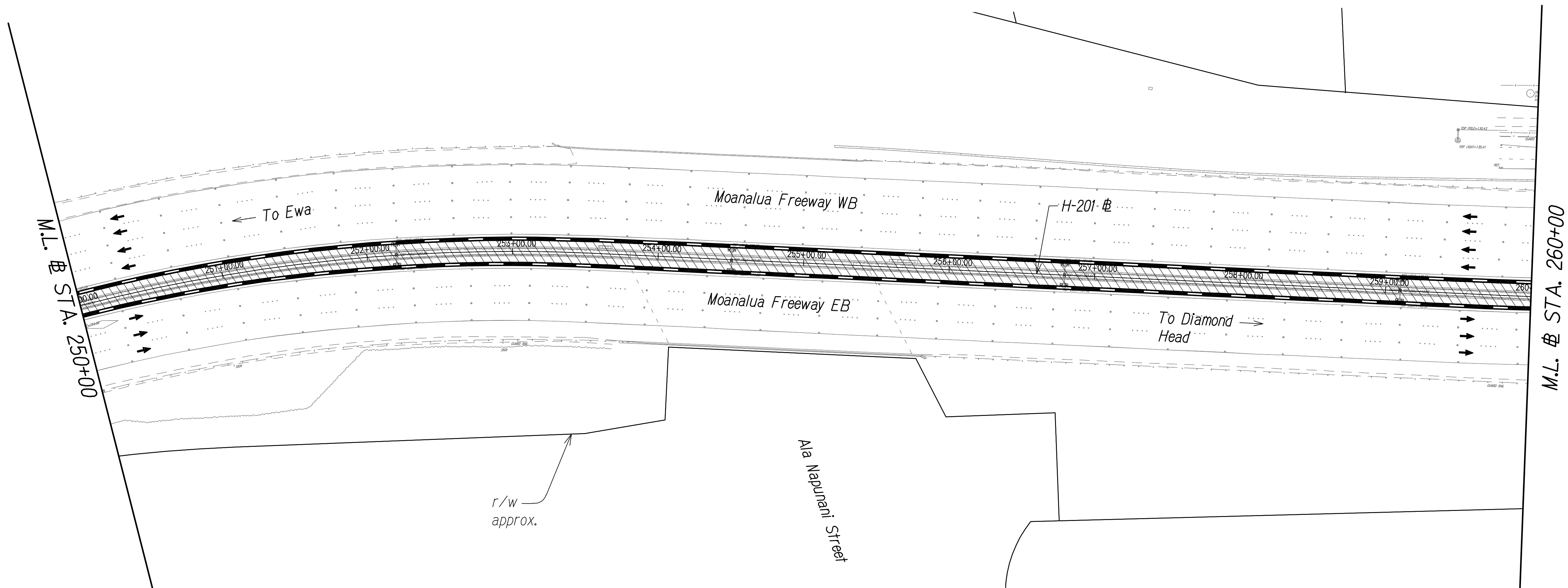
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-20 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	42	140

TRUE NORTH
SCALE: 1" = 40'



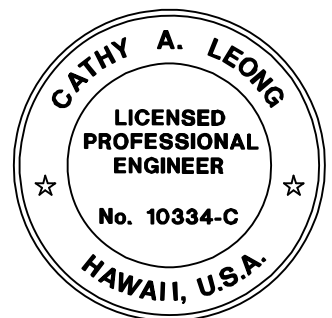
- NOTES:**
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
 2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report350 - Test Level 3 hardware purchased prior to December 31, 2018.
 3. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. 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 | 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 | |

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

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



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

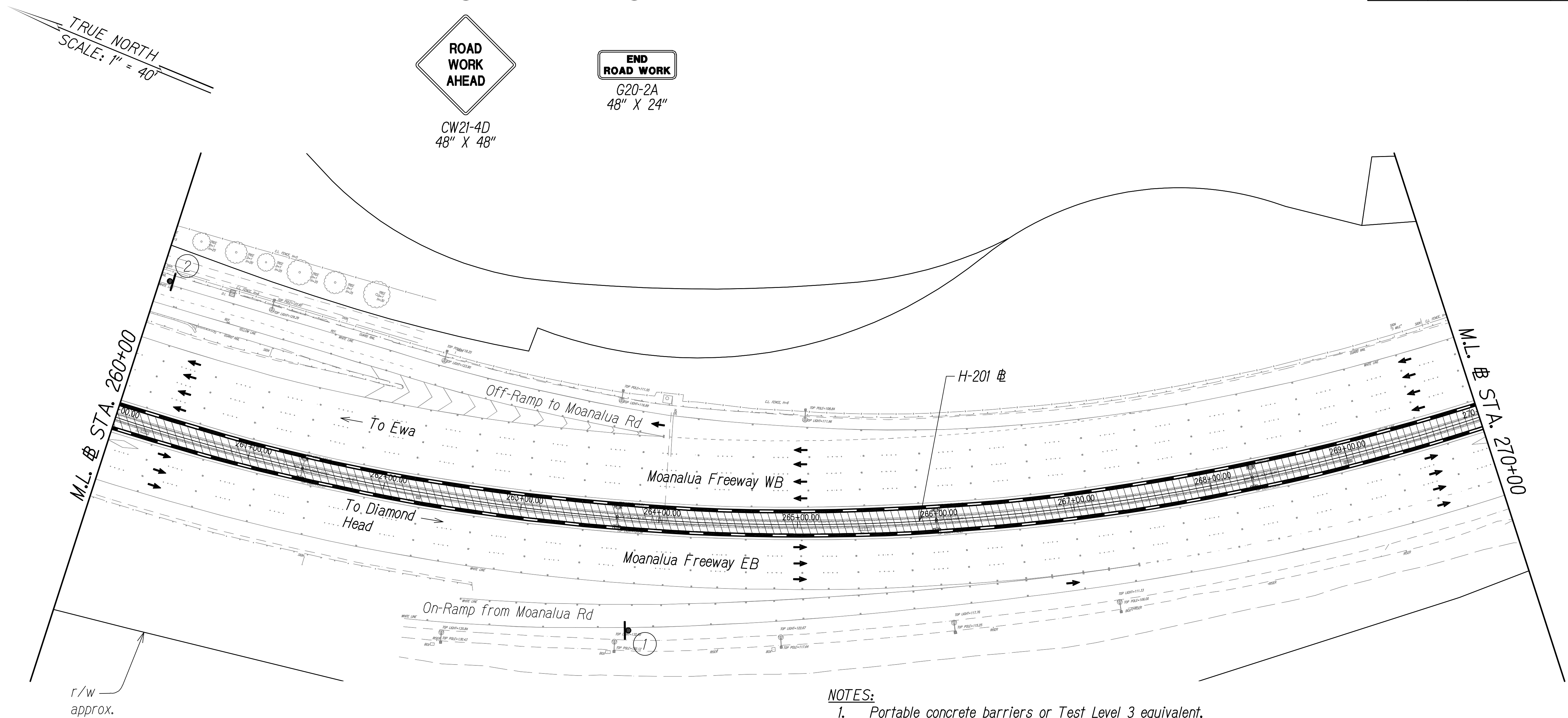
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-21 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	43	140

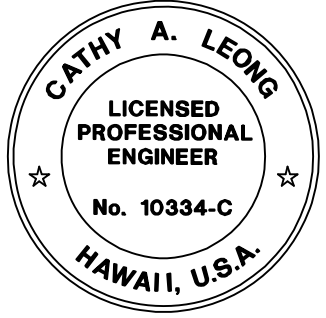


- NOTES:**
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
 2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
 3. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. 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 | | 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 | | |

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

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



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

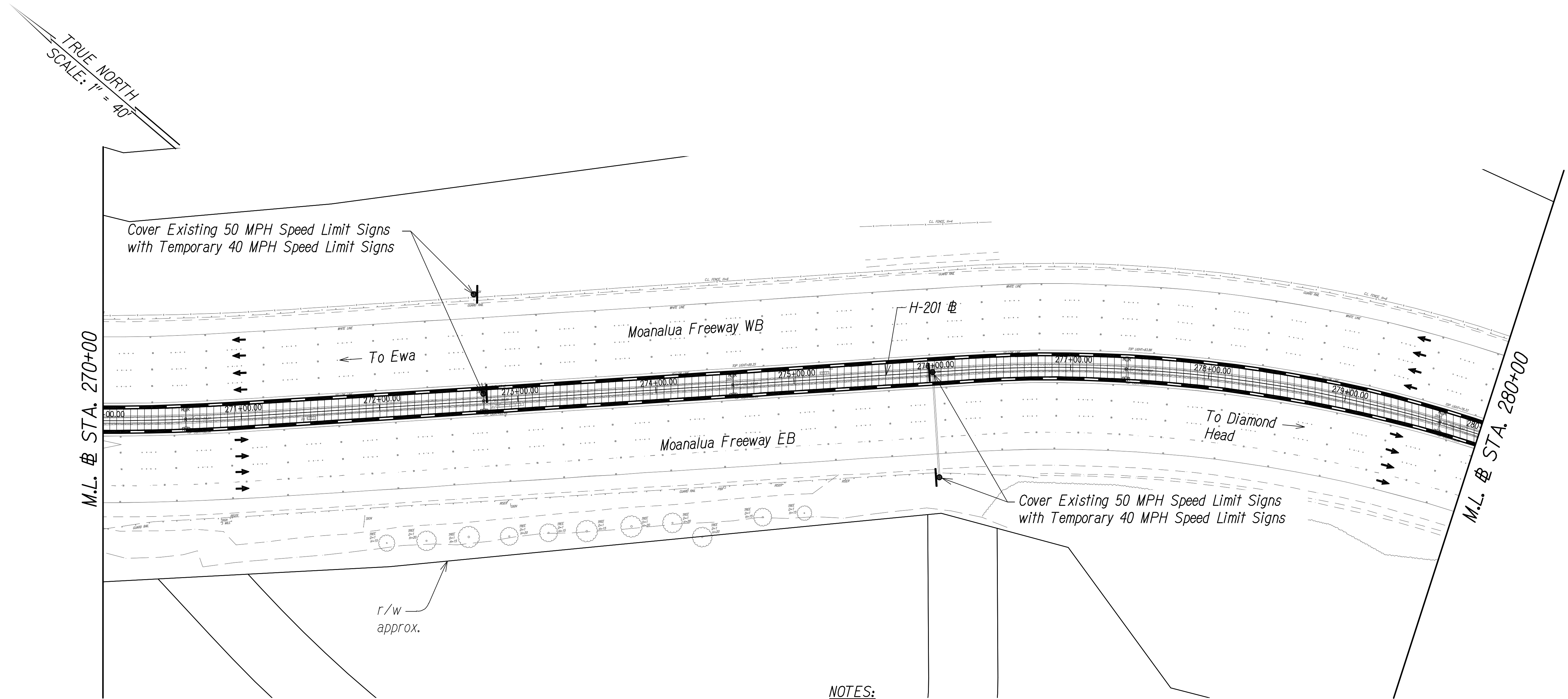
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-22 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	44	140



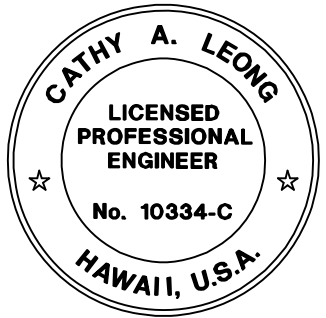
- NOTES:**
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
 2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
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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

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

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 2 (ADDITIVE ALT. #1)
24-HOUR CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
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ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

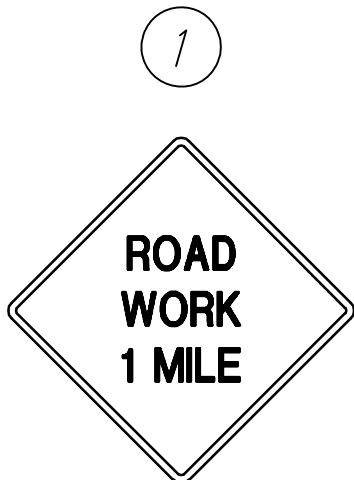
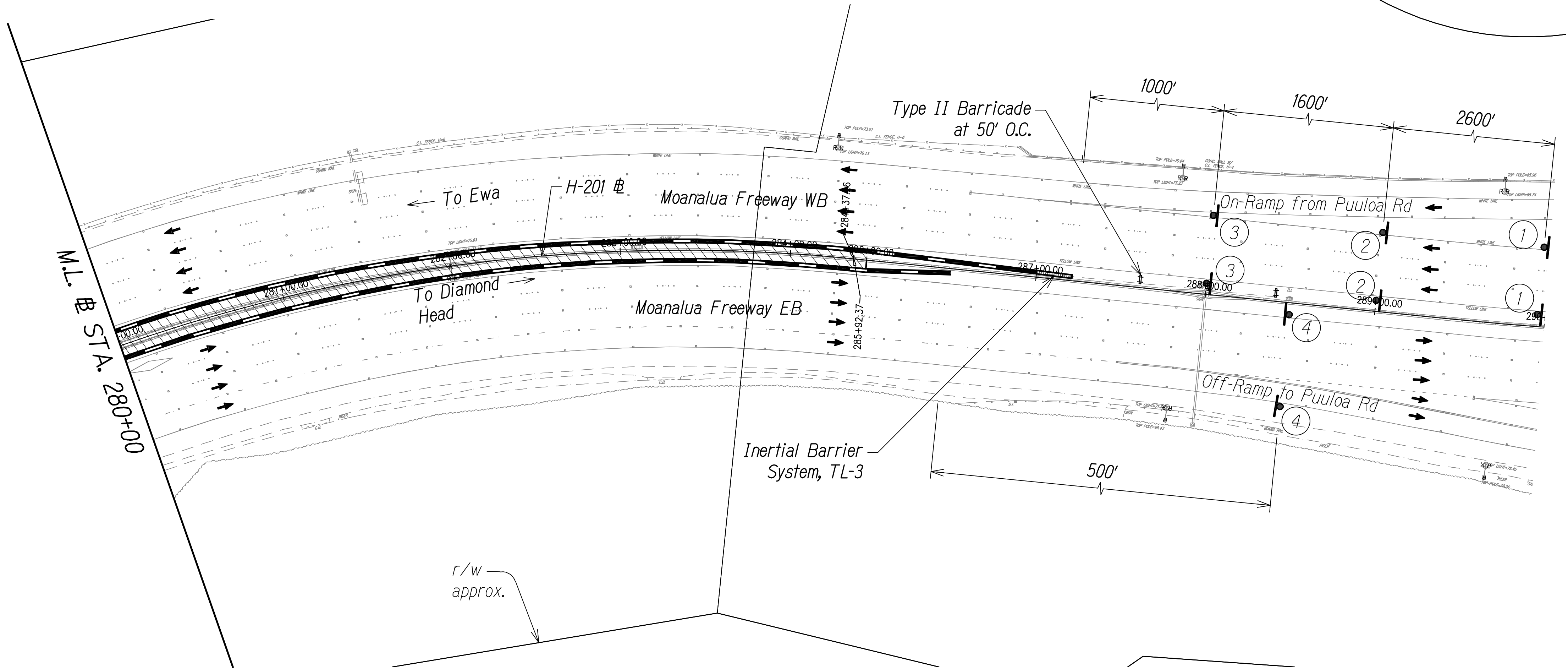
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020
SHEET No. TC-23 OF 49 SHEETS

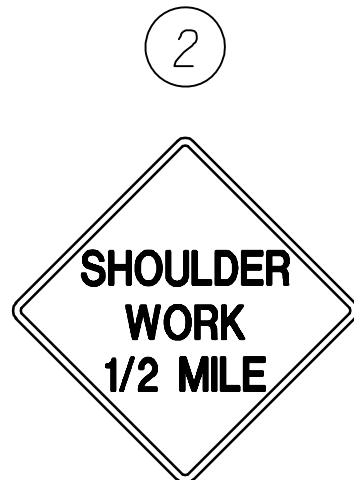
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	45	140

TRUE NORTH
SCALE: 1" = 40'



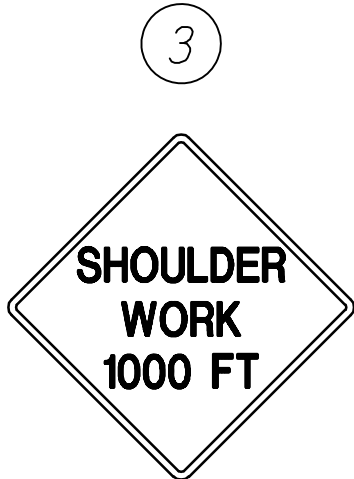
40
M.P.H.

CW21-41
48" X 48"
CW13-1(40)
24" X 24"



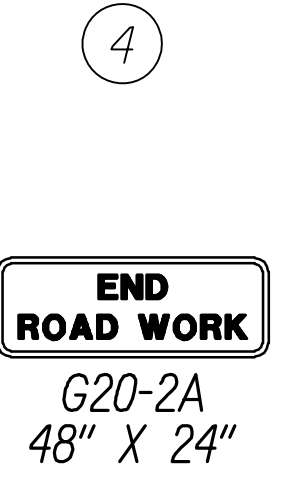
40
M.P.H.

CW21-5H
48" X 48"
CW13-1(40)
24" X 24"



40
M.P.H.

CW21-5(1000)
48" X 48"
CW13-1(40)
24" X 24"



G20-2A
48" X 24"

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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
4. 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

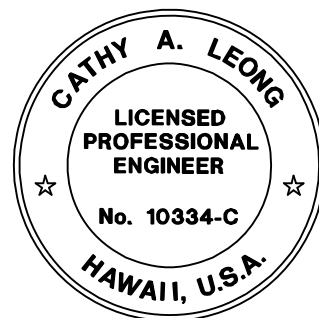
- Work Zone
Concrete Barrier
Sign
Temporary Solid Striping
Temporary Dashed Striping
Temporary White Guideline

- 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 2 (ADDITIVE ALT. #1)

24-HOUR CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

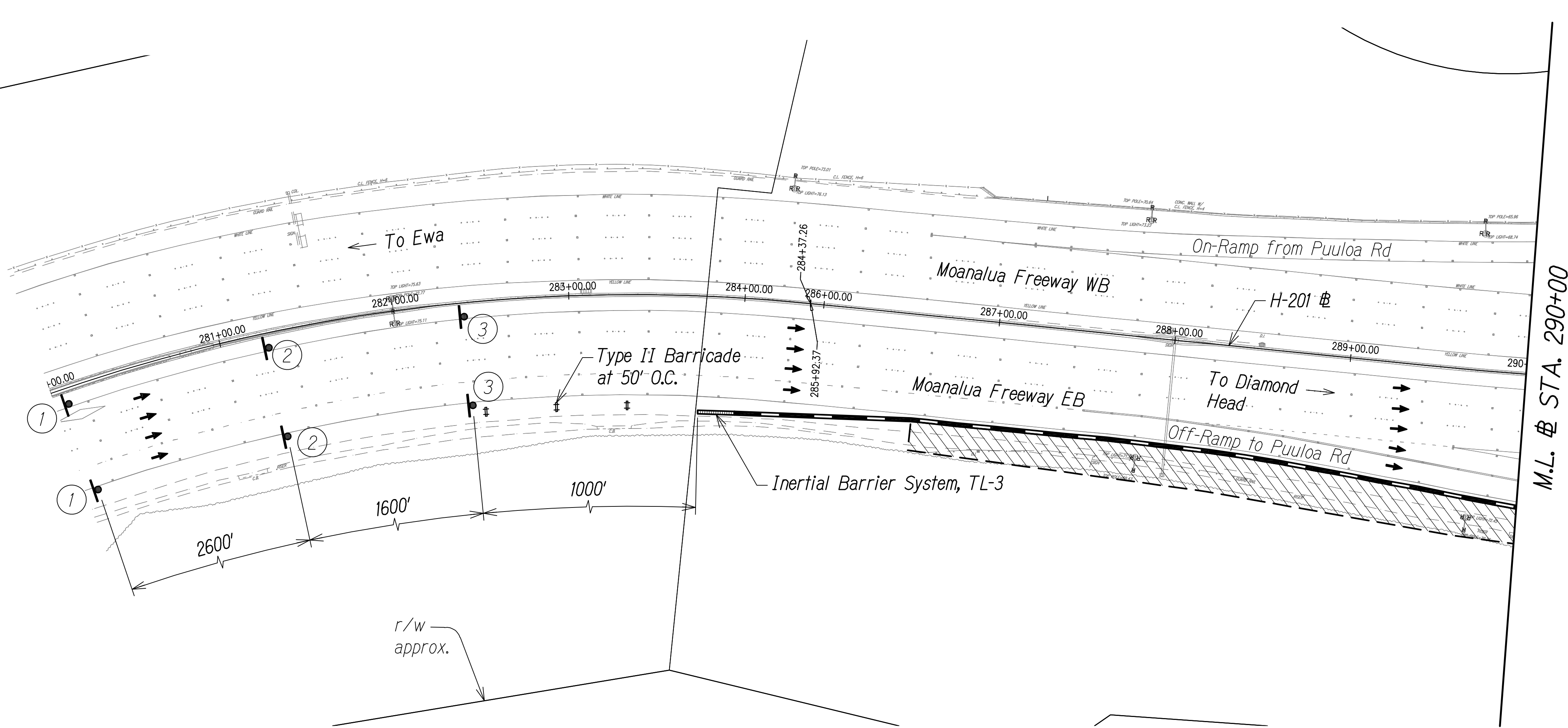
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

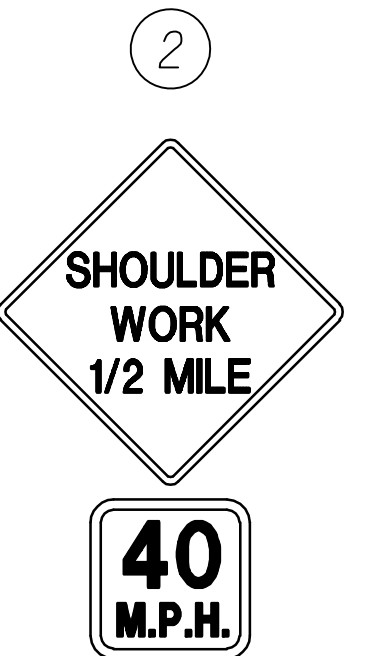
SHEET No. TC-24 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	46	140

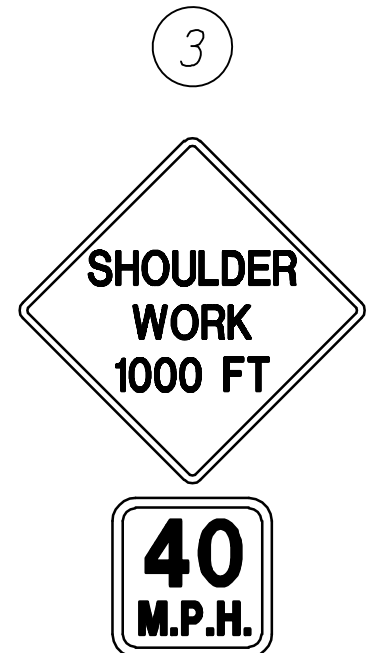
TRUE NORTH
SCALE: 1" = 40'



CW21-4I
48" X 48"
CW13-I(40)
24" X 24"

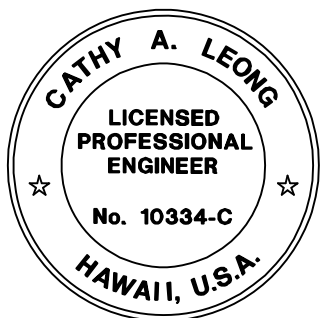


CW21-5H
48" X 48"
CW13-I(40)
24" X 24"



CW21-5(1000)
48" X 48"
CW13-I(40)
24" X 24"

- 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. 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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HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-25 OF 49 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

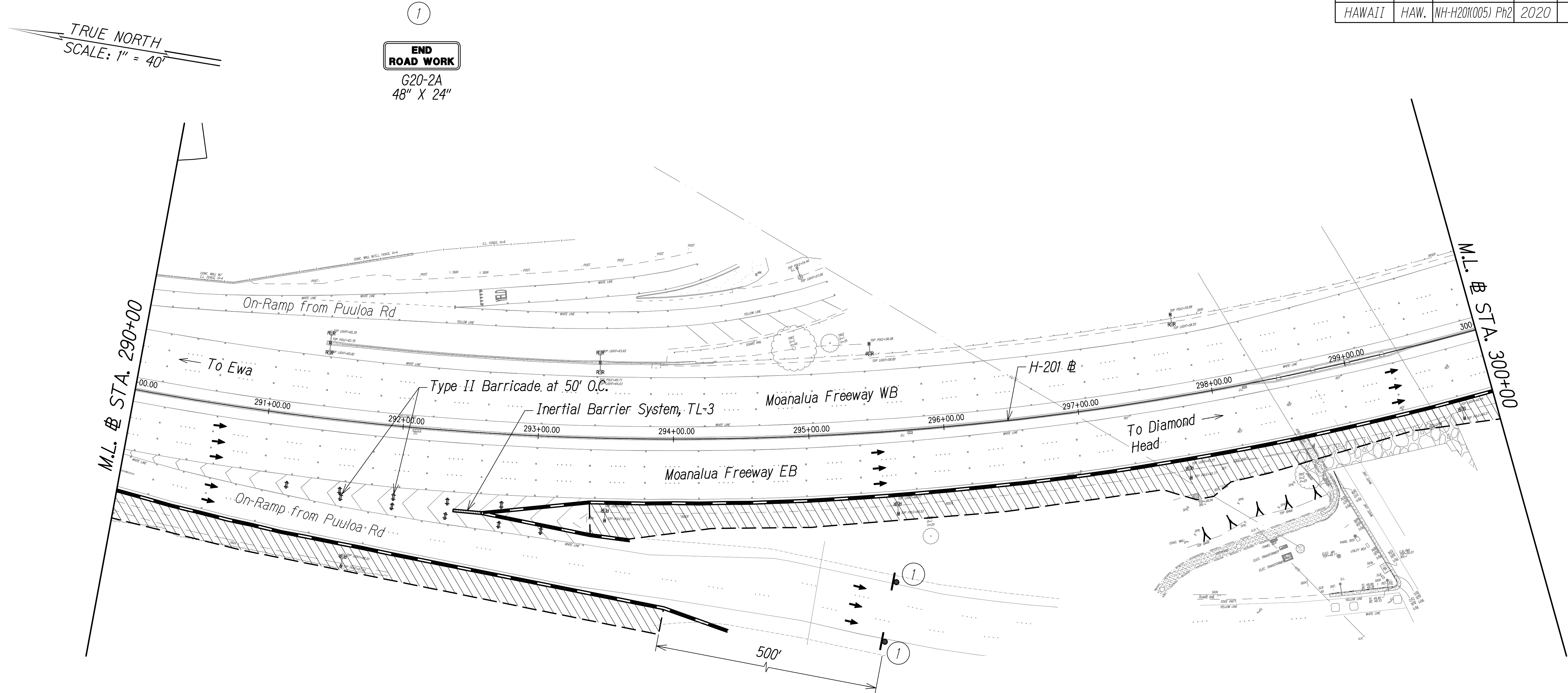
ORIGINAL PLAN	No.
NOTE BOOK	

- LEGEND
- Work Zone
 - Concrete Barrier
 - Sign
 - Temporary Solid 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 3 (BASE SCOPE)
24-HOUR CLOSURE
SCALE: 1" = 40'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	47	140



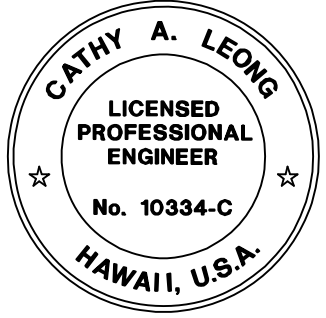
- NOTES:**
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
 2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report 350 - Test Level 3 hardware purchased prior to December 31, 2018.
 3. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. 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 | | 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 | | |

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

TRAFFIC CONTROL PLAN - PHASE 3 (BASE SCOPE)
24-HOUR CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

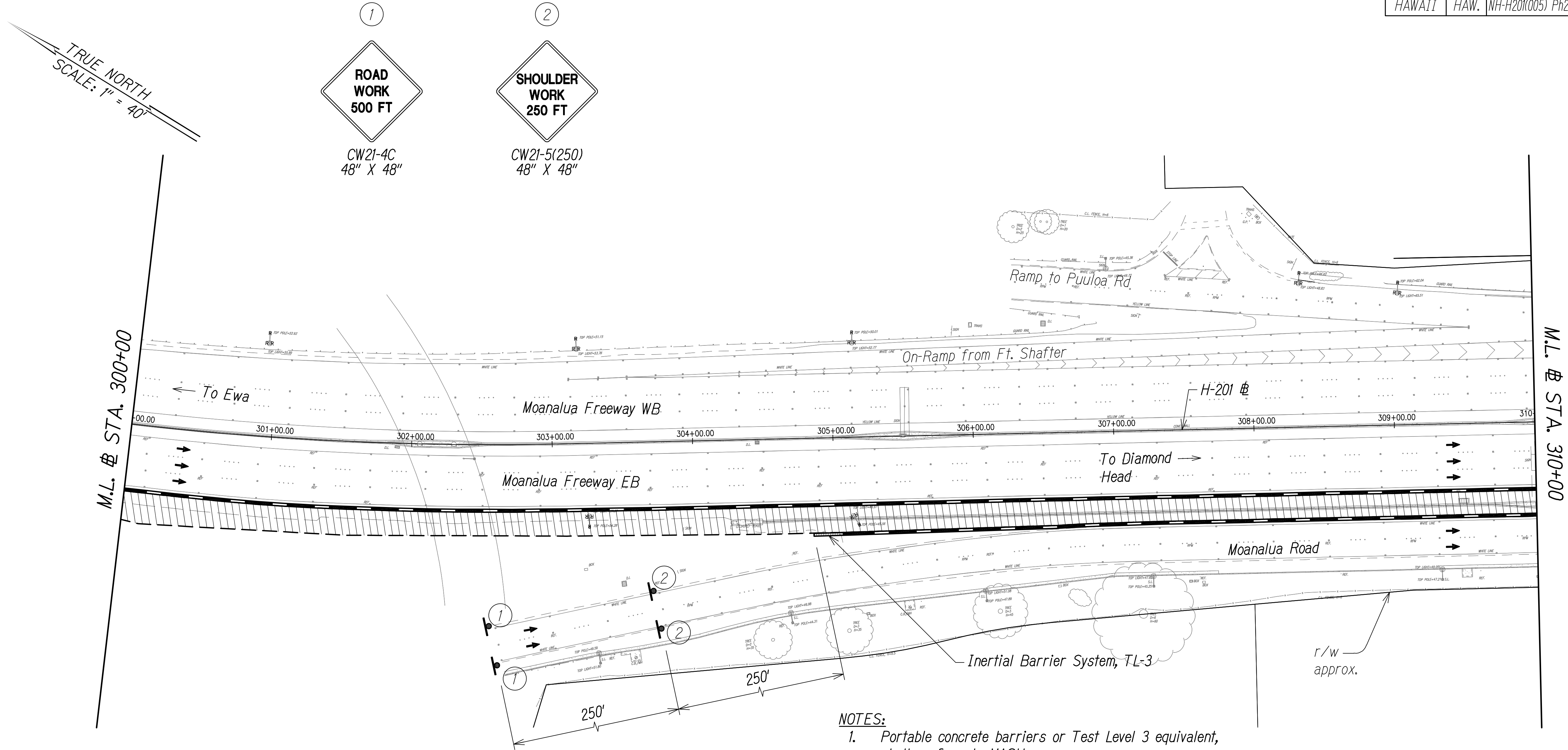
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-26 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	48	140



- 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.

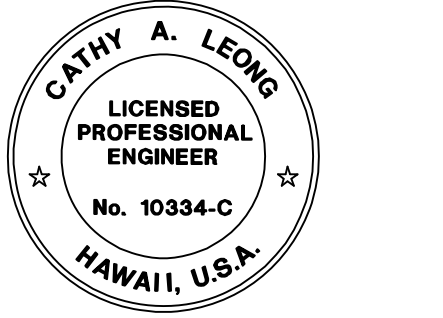
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	

- LEGEND**
- Work Zone
 - Concrete Barrier
 - Sign
 - Temporary Solid 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 3 (BASE SCOPE)
24-HOUR CLOSURE
SCALE: 1" = 40'



EXPIRATION DATE OF THE LICENSE 4/30/2022
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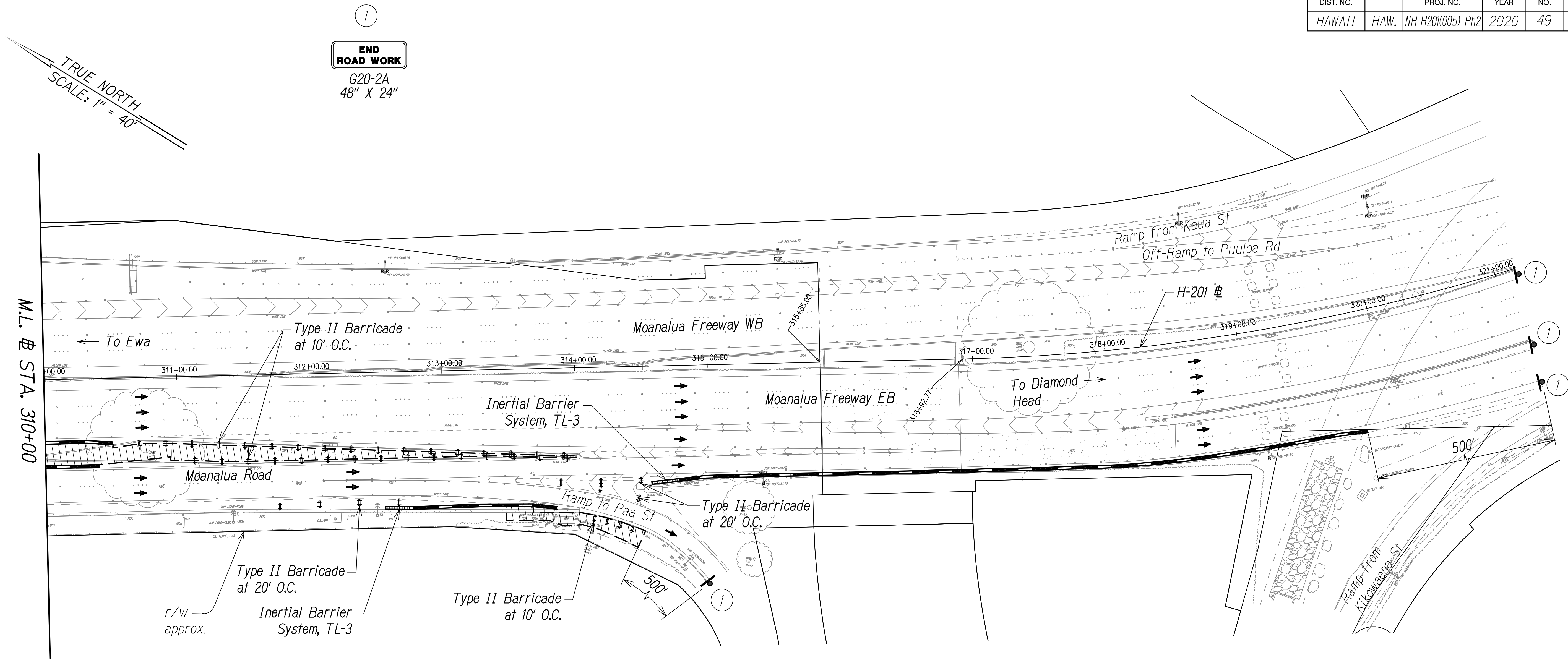
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020
SHEET No. TC-27 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	49	140



- 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.

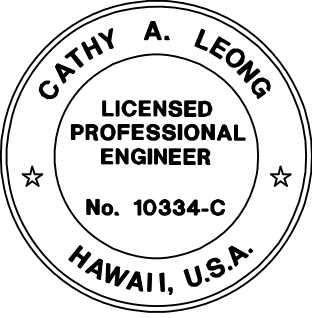
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	

LEGEND	
	Work Zone
	Concrete Barrier
	Sign
	Temporary Solid 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 3 (BASE SCOPE)
24-HOUR CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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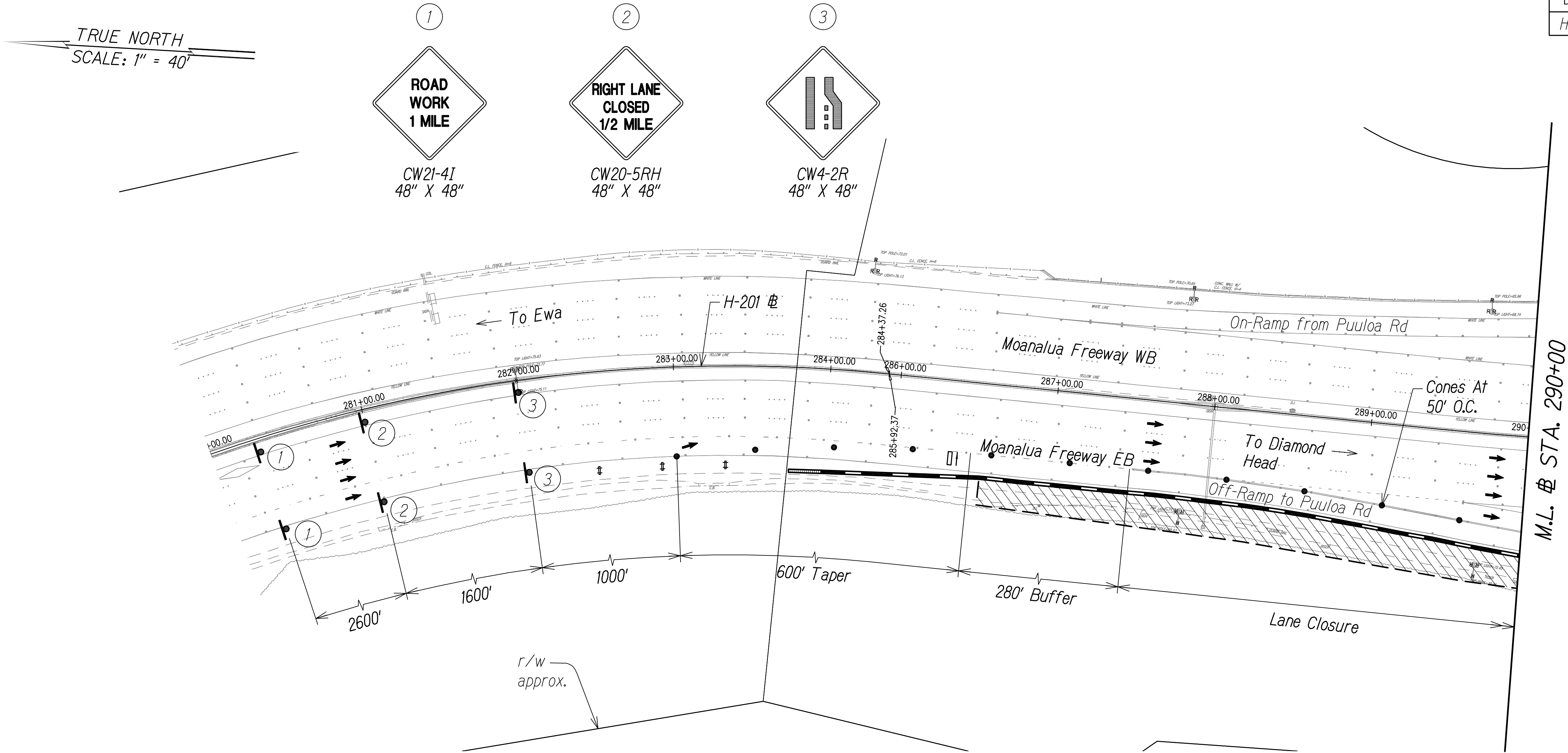
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020
SHEET No. TC-28 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	50	140



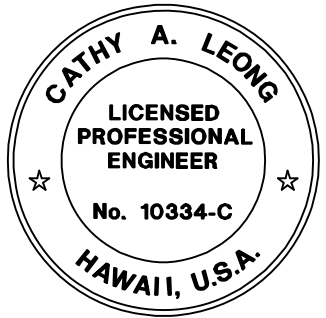
LEGEND

- ⊗ 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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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TRAFFIC CONTROL PLAN - PHASE 3 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

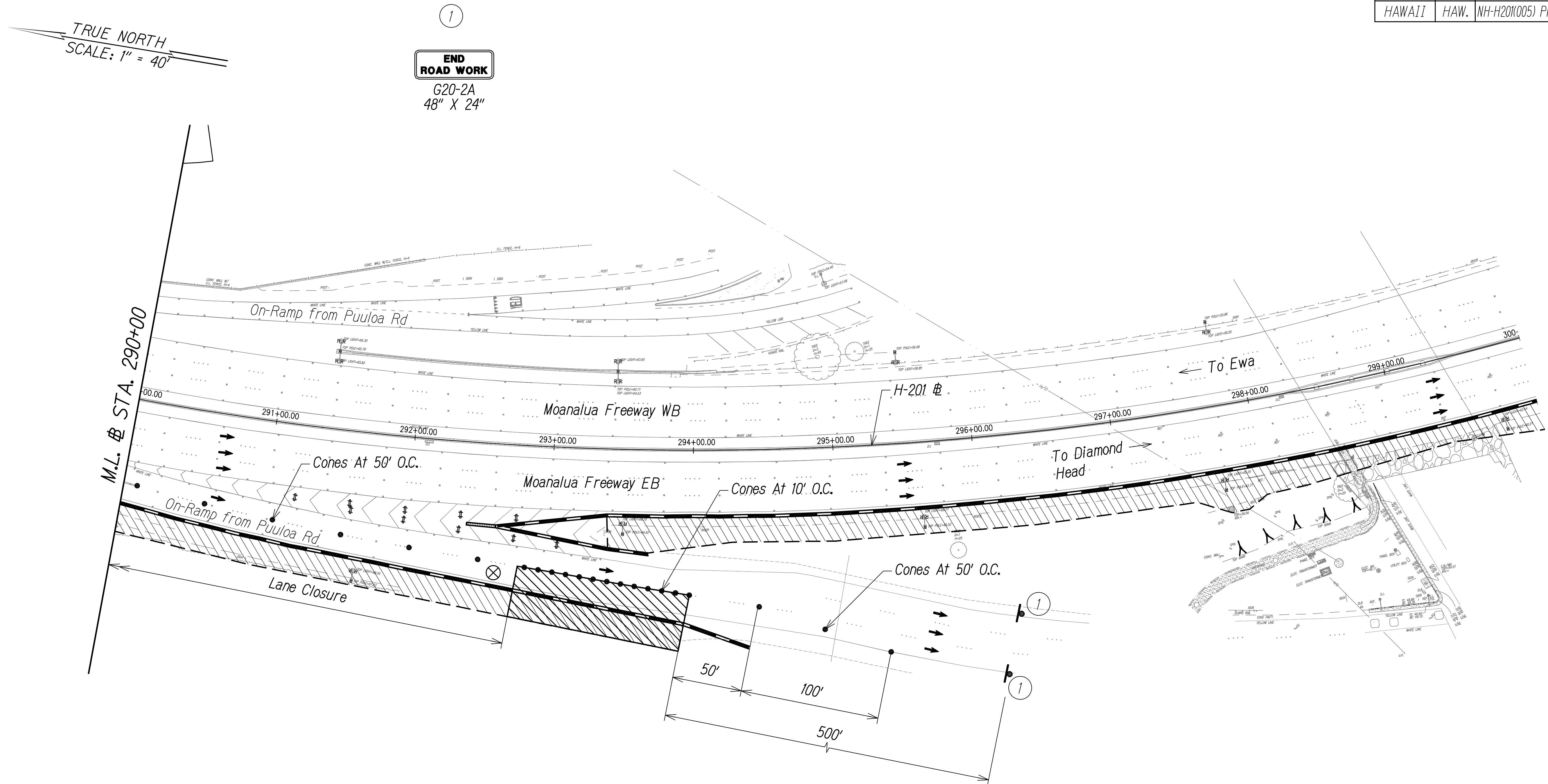
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-29 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	51	140

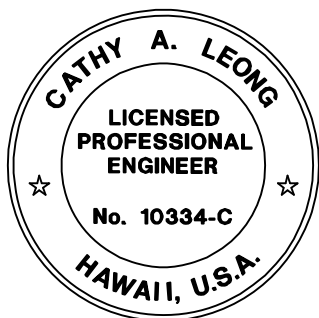


- LEGEND**
- ⊗ Special Duty Officer
 - Cones or Delineators
 - ➔ Sign
 - ➔ Flow of Traffic
 - ▮ Arrowboard Panel

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 H-1.
 3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

TRAFFIC CONTROL PLAN - PHASE 3 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020
SHEET No. TC-30 OF 49 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(005) Ph2	2020	52	140

TRUE NORTH
SCALE: 1" = 40'

1

ROAD WORK
1 MILE
CW21-41
48" X 48"

2

RIGHT LANE
CLOSED
1/2 MILE
CW20-5RH
48" X 48"

3

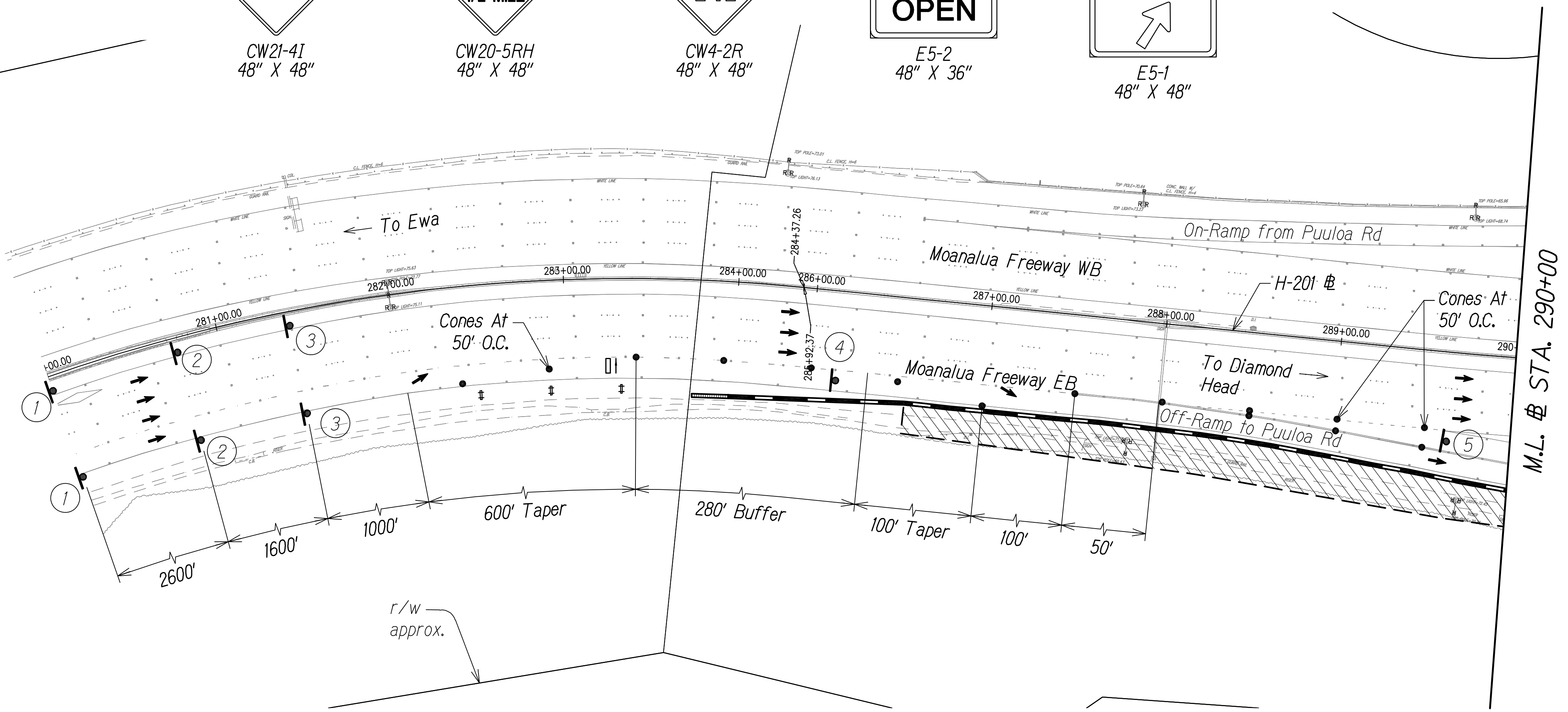
CW4-2R
48" X 48"

4

PUULO A RD
EXIT
OPEN
E5-2
48" X 36"

5

PUULO A RD
EXIT
E5-1
48" X 48"



LEGEND

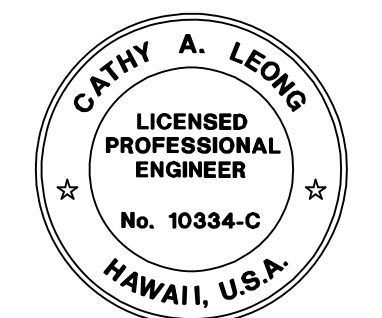
- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- Arrowboard Panel

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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

TRAFFIC CONTROL PLAN - PHASE 3 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

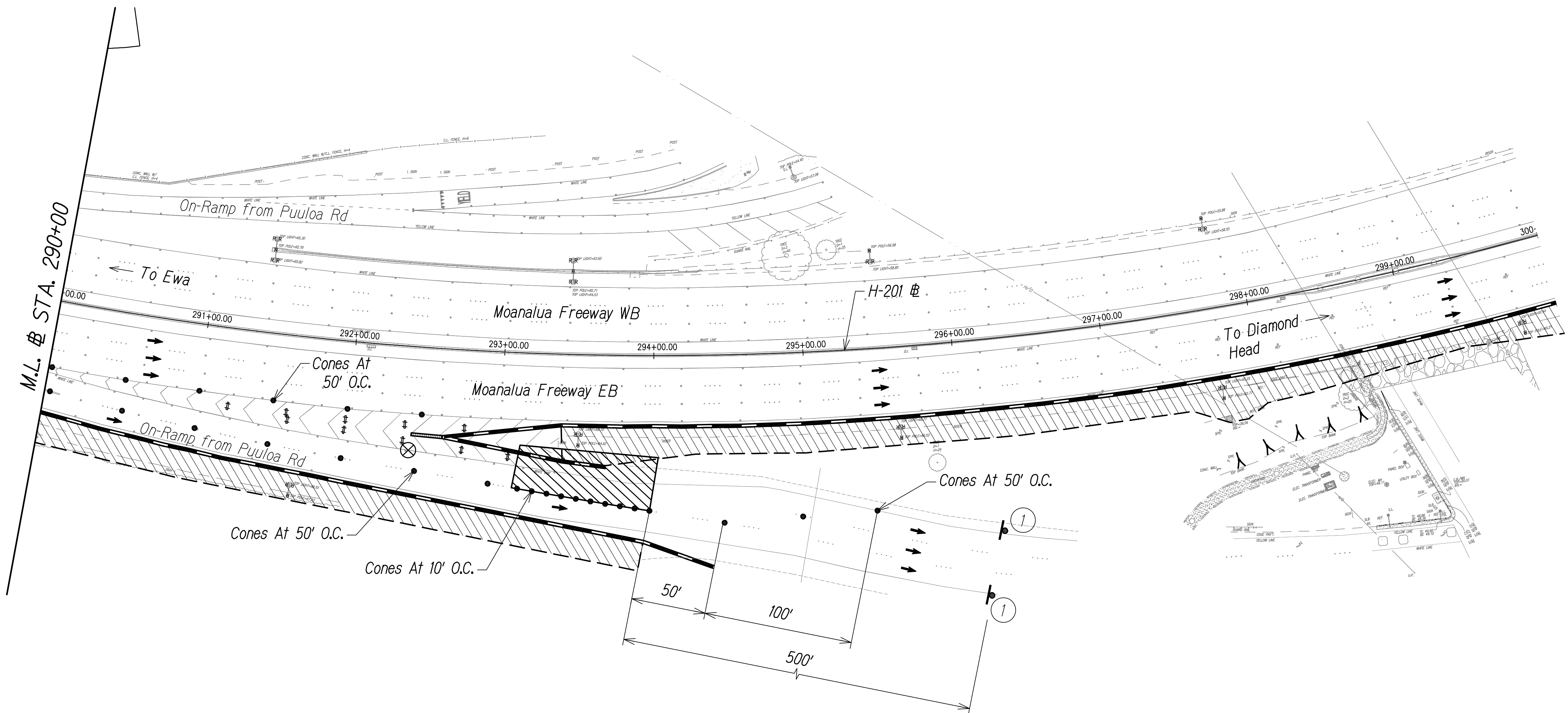
Scale: 1" = 40' Date: July 2020

SHEET No. TC-31 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	53	140

TRUE NORTH
SCALE: 1" = 40'

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



LEGEND

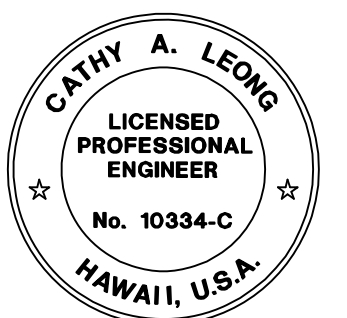
- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- ➔ Flow of Traffic
- ▮ Arrowboard Panel

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

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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

TRAFFIC CONTROL PLAN - PHASE 3 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

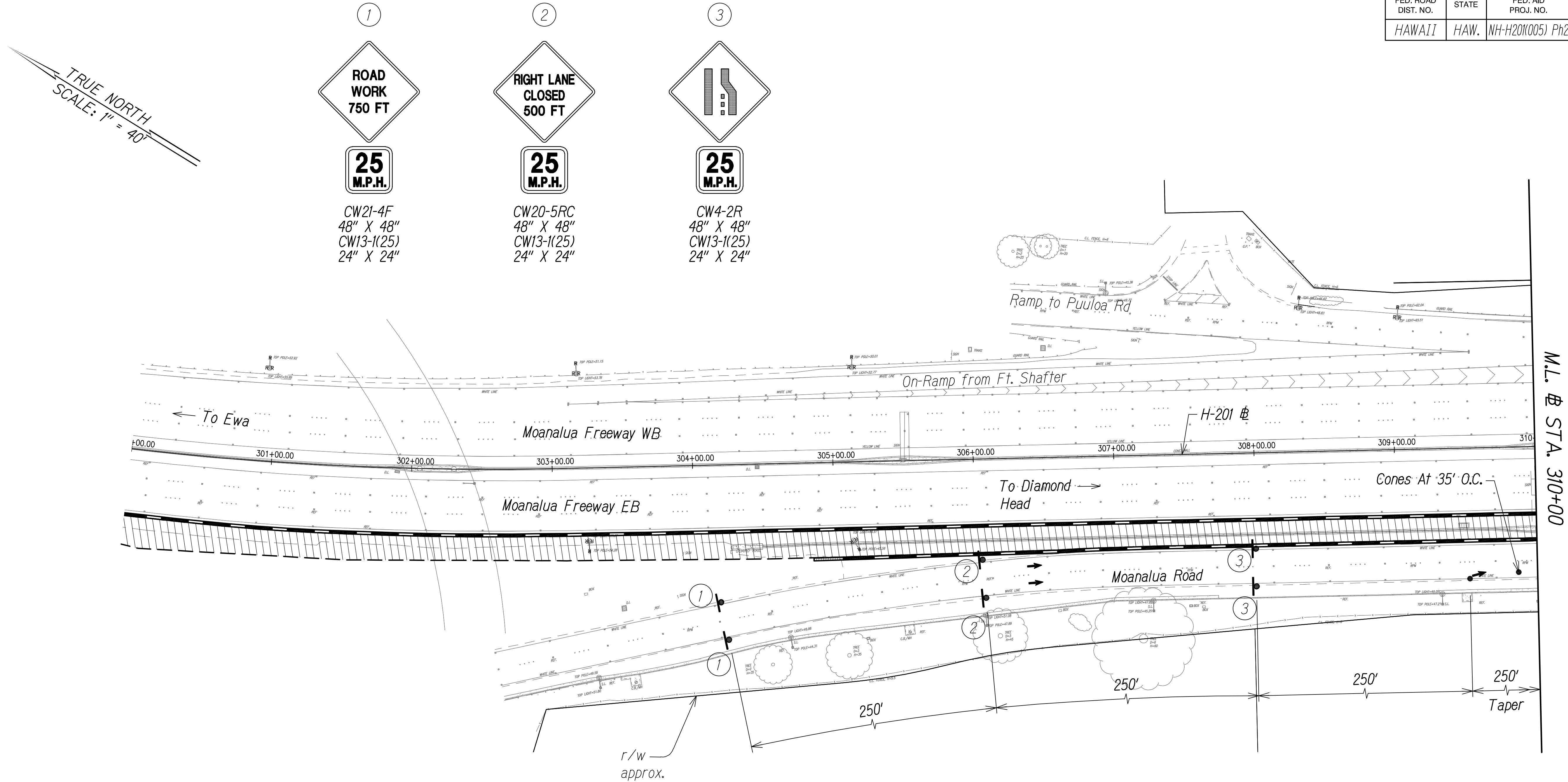
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-32 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	54	140



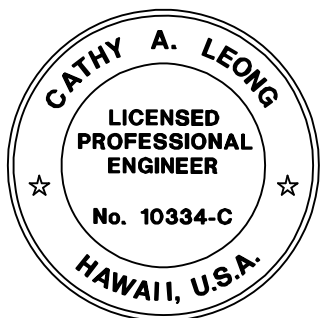
LEGEND

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

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

NOTES:

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



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

TRAFFIC CONTROL PLAN - PHASE 3 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'

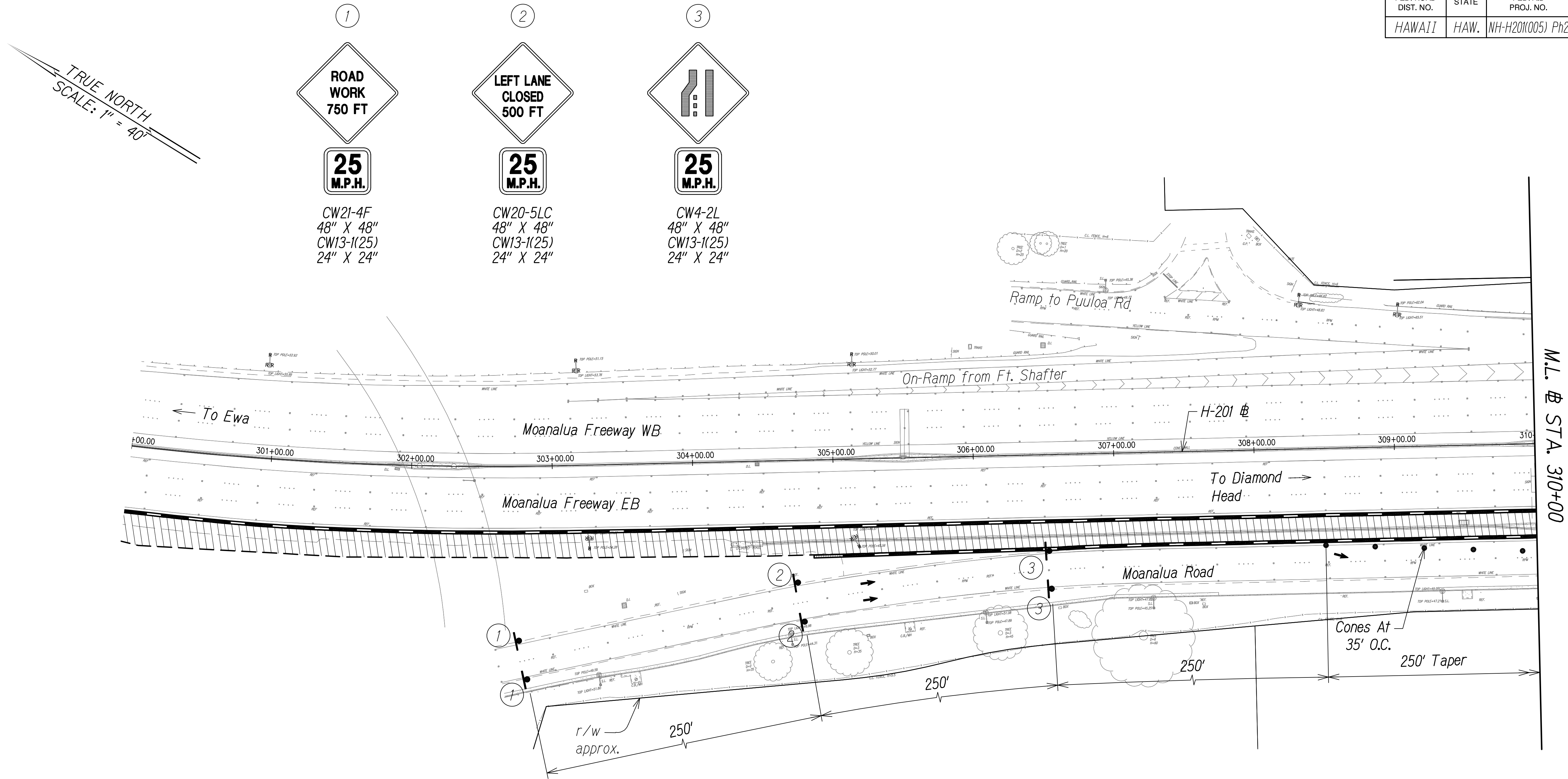
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020
SHEET No. TC-33 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	56	140



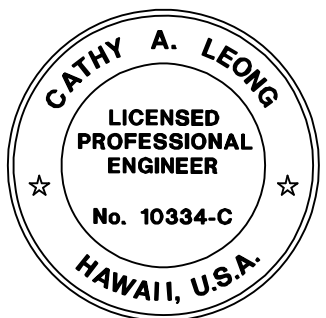
LEGEND

- ⊗ 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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

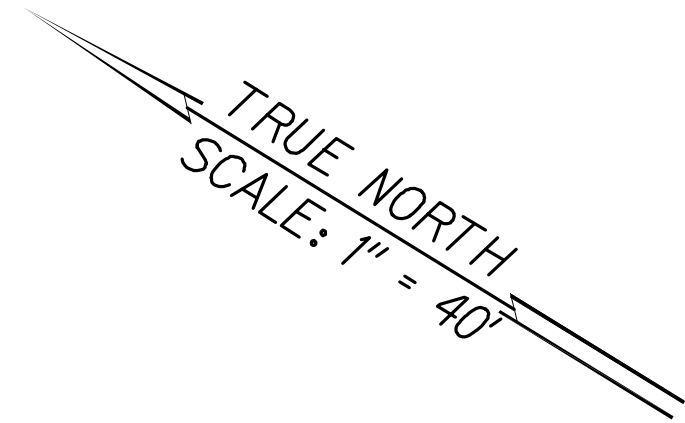
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

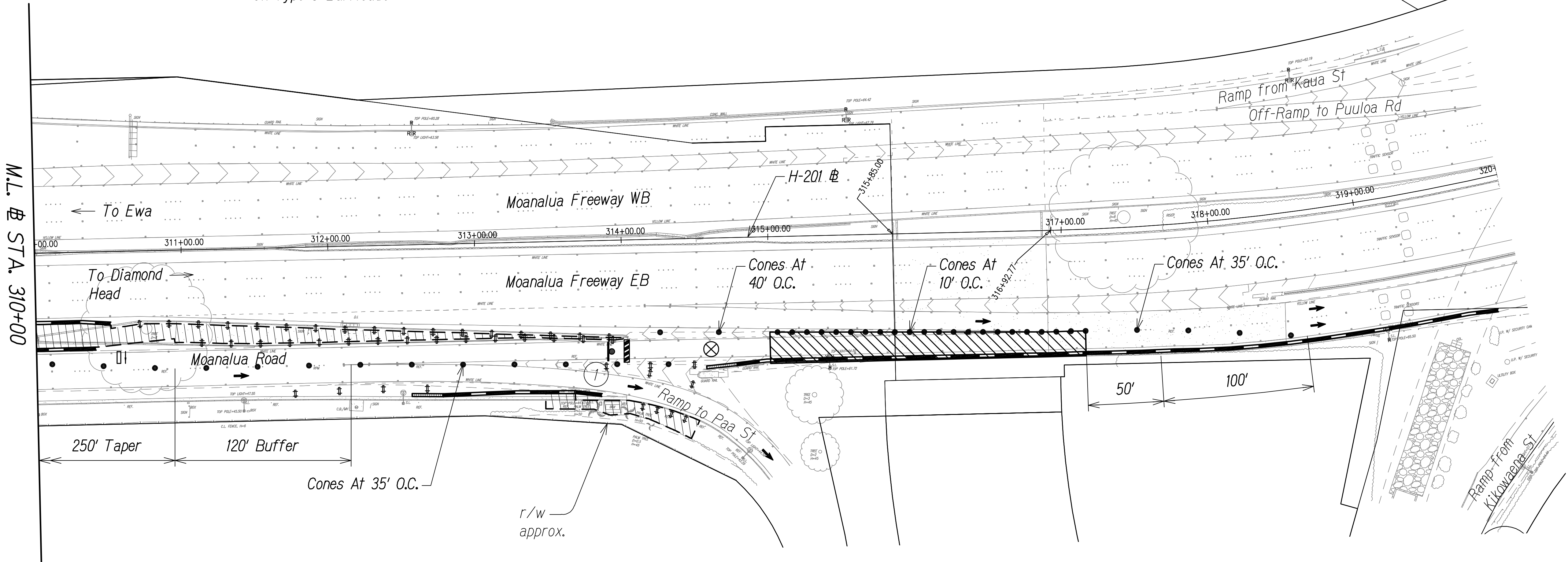
SHEET No. TC-35 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	57	140



1
ROAD
CLOSED

R11-2
48" X 30"
On Type 3 Barricade



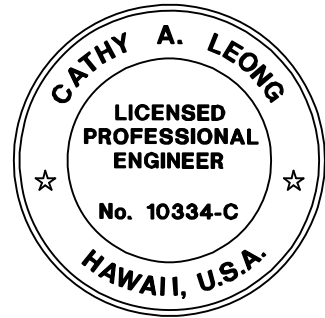
LEGEND

- ⊗ 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 H-1.
3. See TD-2 for Detour Route.
4. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

TRAFFIC CONTROL PLAN - PHASE 3 (BASE SCOPE)

TEMPORARY CLOSURE
SCALE: 1" = 40'

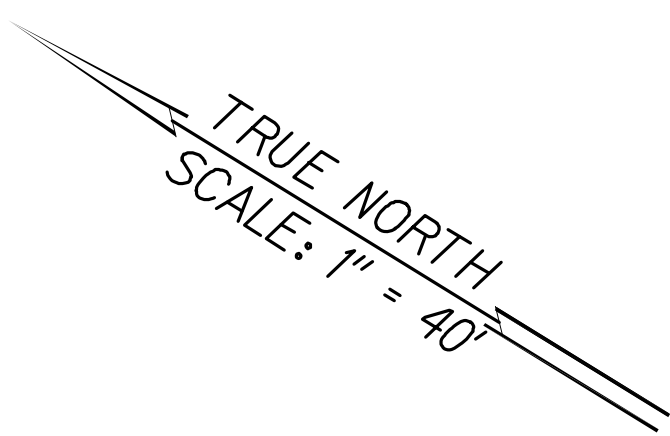
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

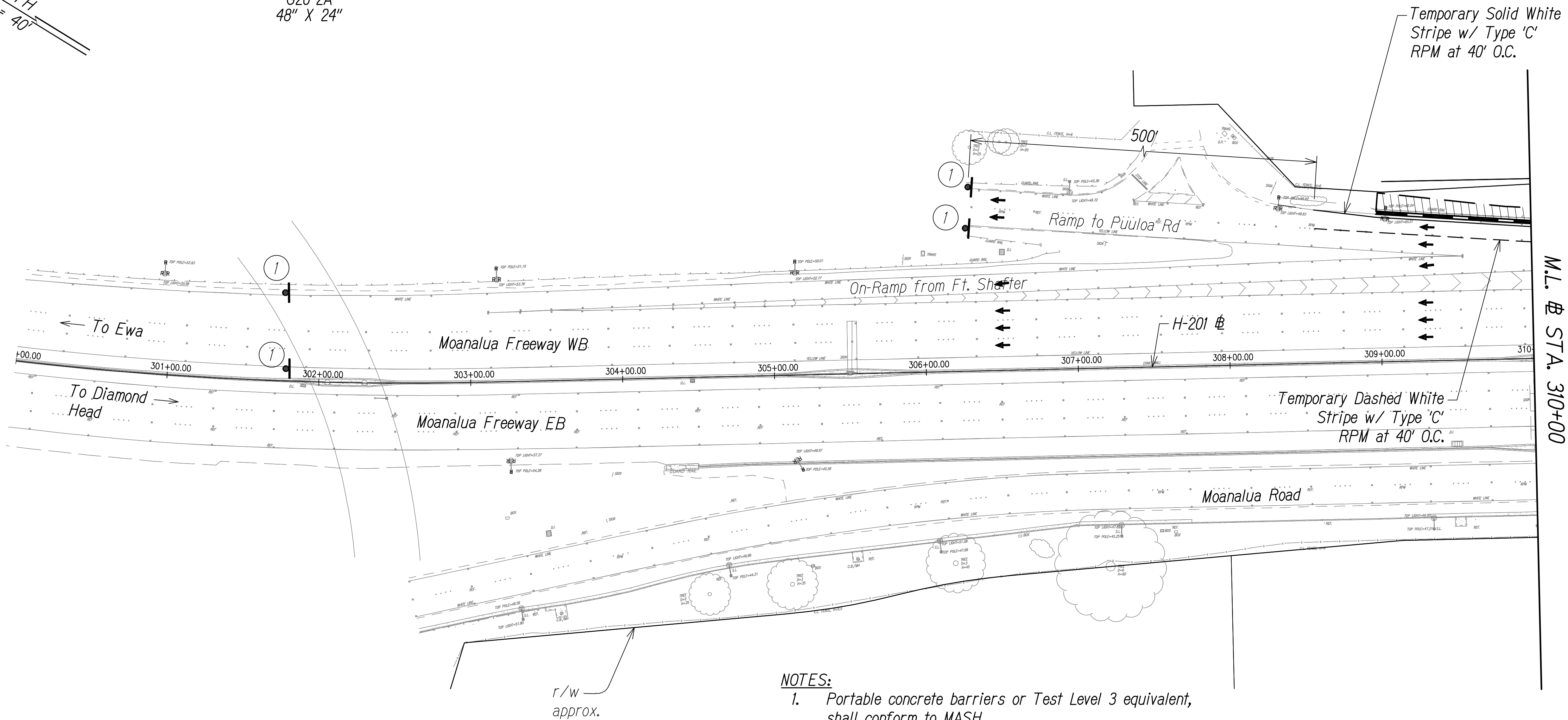
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

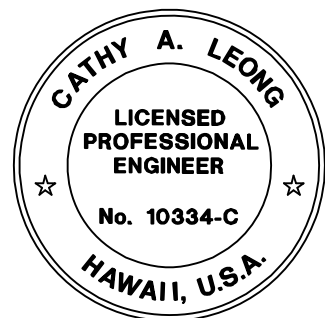
SHEET No. TC-36 OF 49 SHEETS



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



- 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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ME OR UNDER MY SUPERVISION

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 | |

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

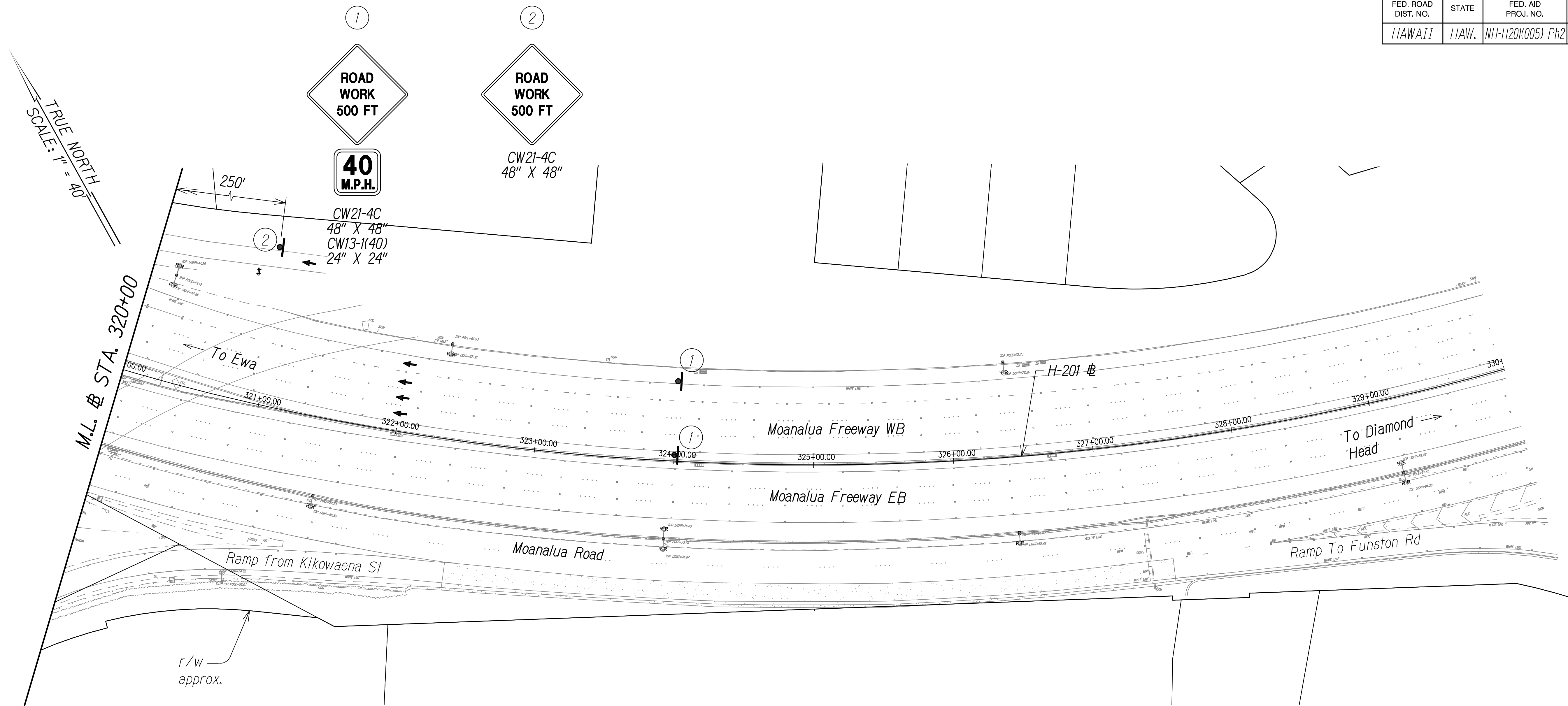
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

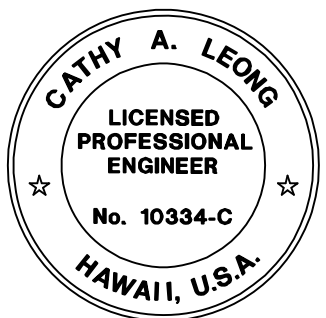
Scale: 1" = 40' Date: July 2020
SHEET No. TC-37 OF 49 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	60	140



- 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



Cathy A. Leong
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-39 OF 49 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	

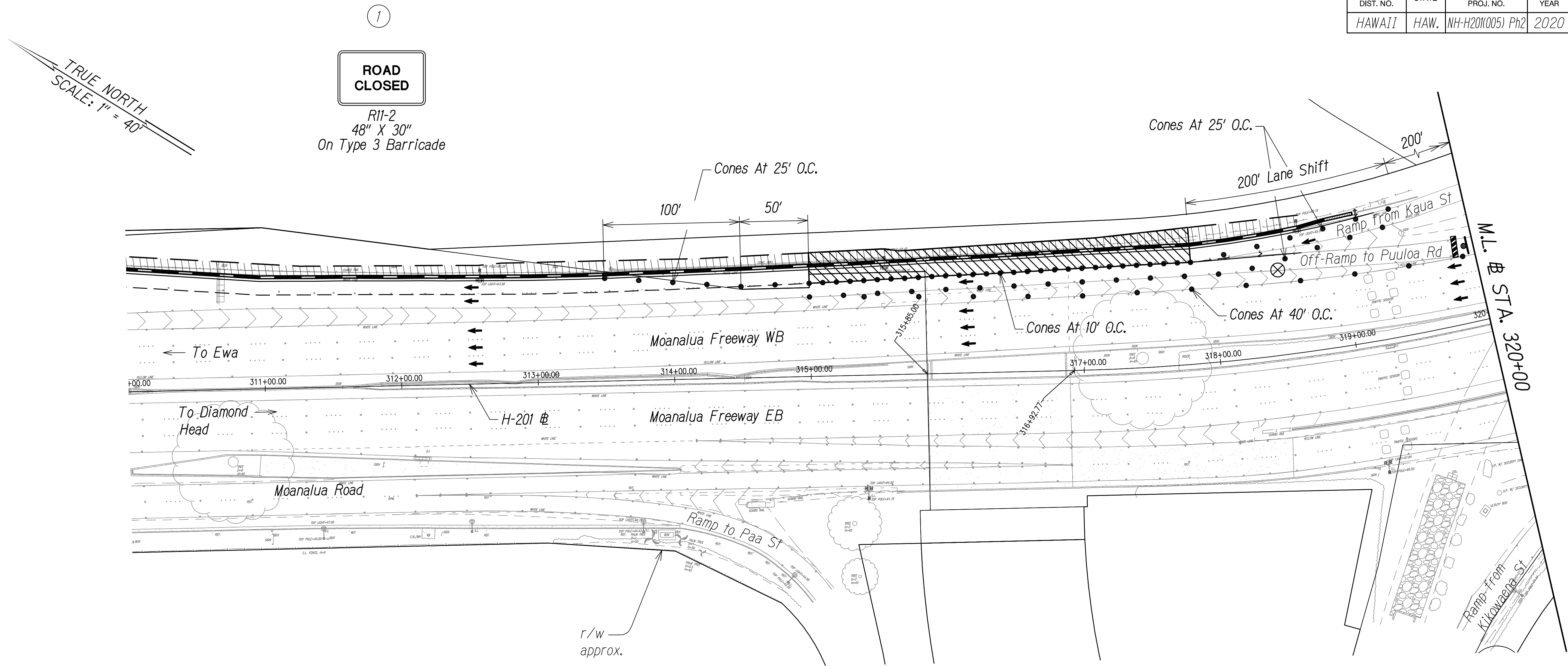
- LEGEND**
- | | | | |
|--|---------------------------|--|-------------------------------|
| | Work Zone | | Existing Sign |
| | Concrete Barrier | | Flow of Traffic |
| | Sign | | Inertial Barrier System, TL-3 |
| | Temporary Solid Striping | | Type II Barricade |
| | Temporary Dashed Striping | | |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

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

TRAFFIC CONTROL PLAN - PHASE 4 (BASE SCOPE)

24-HOUR CLOSURE
SCALE: 1" = 40'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	61	140

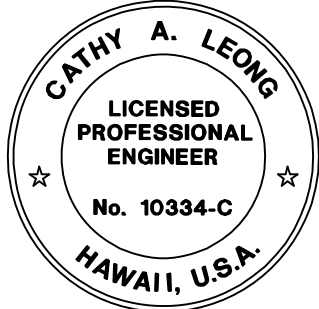


- LEGEND
- ⊗ Special Duty Officer
 - Cones or Delineators
 - Sign
 - Flow of Traffic
 - ▮ Arrowboard Panel

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

TRAFFIC CONTROL PLAN - PHASE 4 (BASE SCOPE)
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 H-1.
 3. See TD-3 for Detour Route.
 4. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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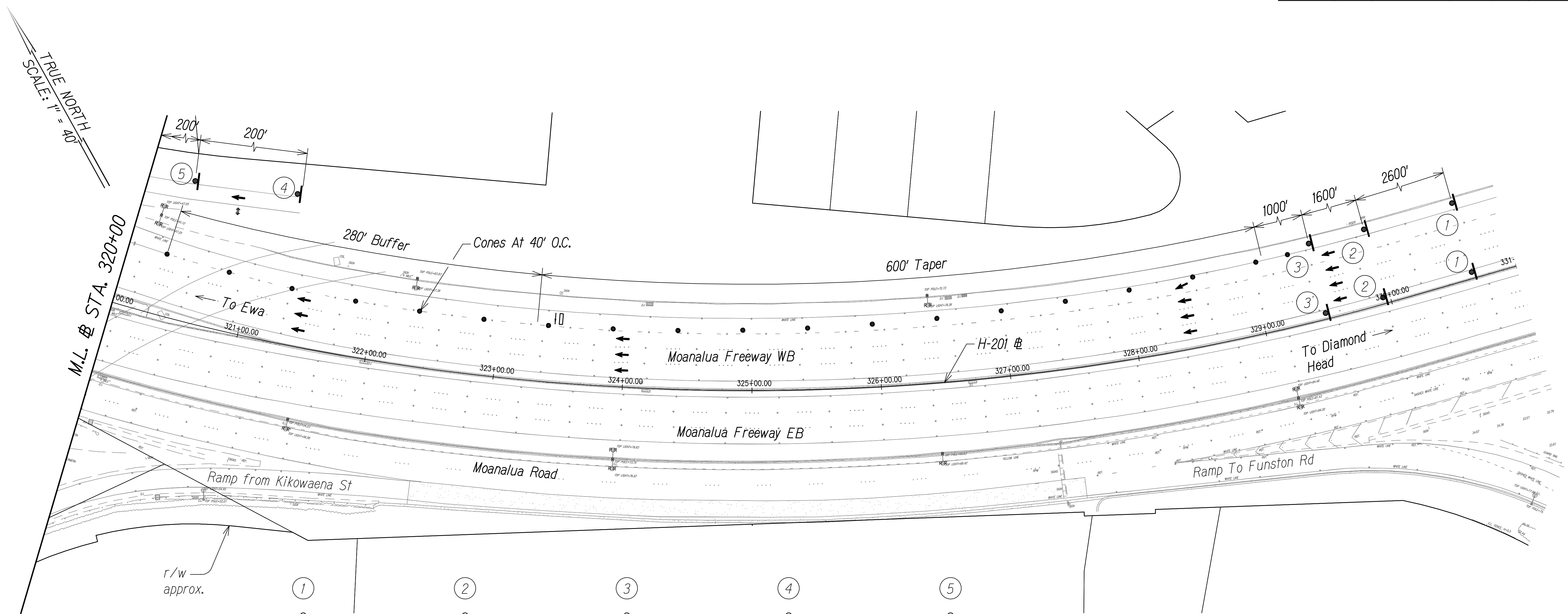
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

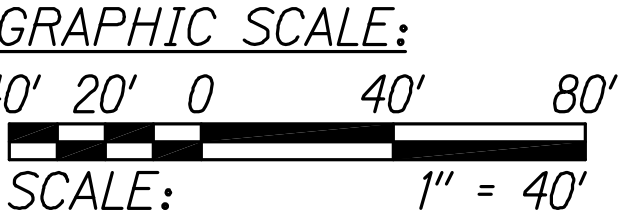
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-40 OF 49 SHEETS

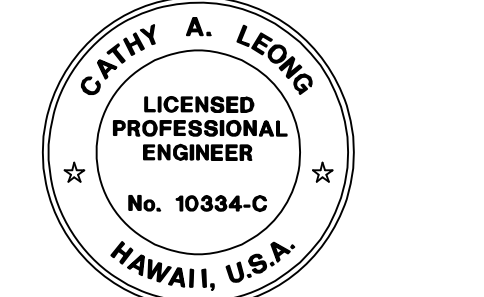


- LEGEND**
- ⊗ Special Duty Officer
 - Cones or Delineators
 - Sign
 - Flow of Traffic
 - ▮ Arrowboard Panel



1	2	3	4	5
CW21-4I 48" X 48" CW13-1(40) 24" X 24"	CW20-5RH 48" X 48" CW13-1(40) 24" X 24"	CW4-2R 48" X 48" CW13-1(40) 24" X 24"	CW21-4D 48" X 48"	CW1-4L 48" X 48"

- 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 H-1.
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Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

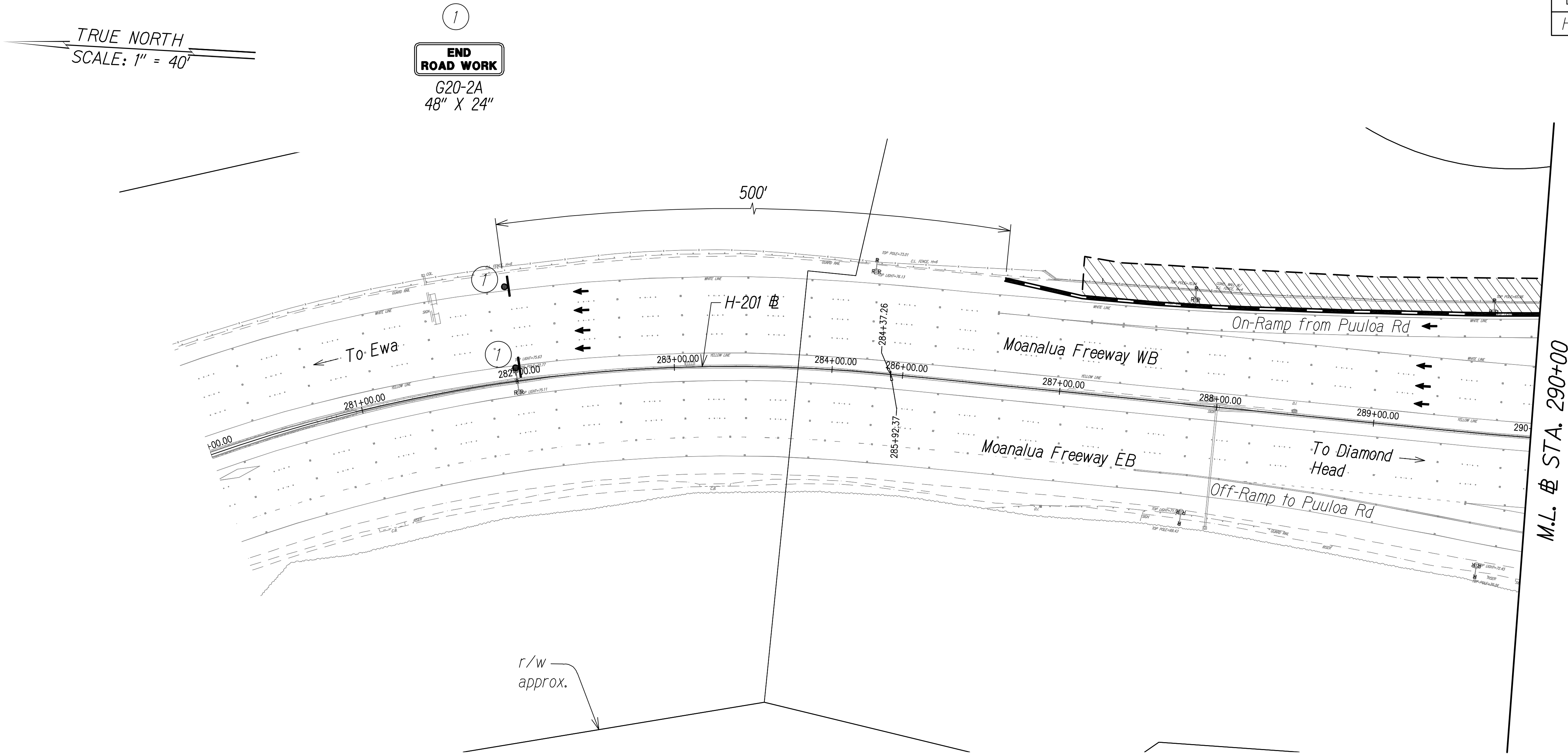
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020
SHEET No. TC-41 OF 49 SHEETS

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

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	63	140



- 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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.

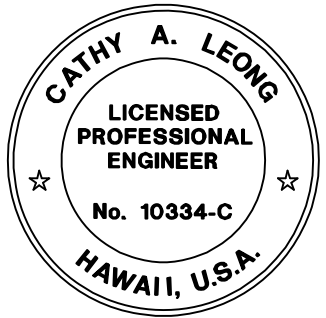
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	

LEGEND	
	Work Zone
	Concrete Barrier
	Sign
	Temporary Solid 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 (BASE SCOPE)
24-HOUR CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

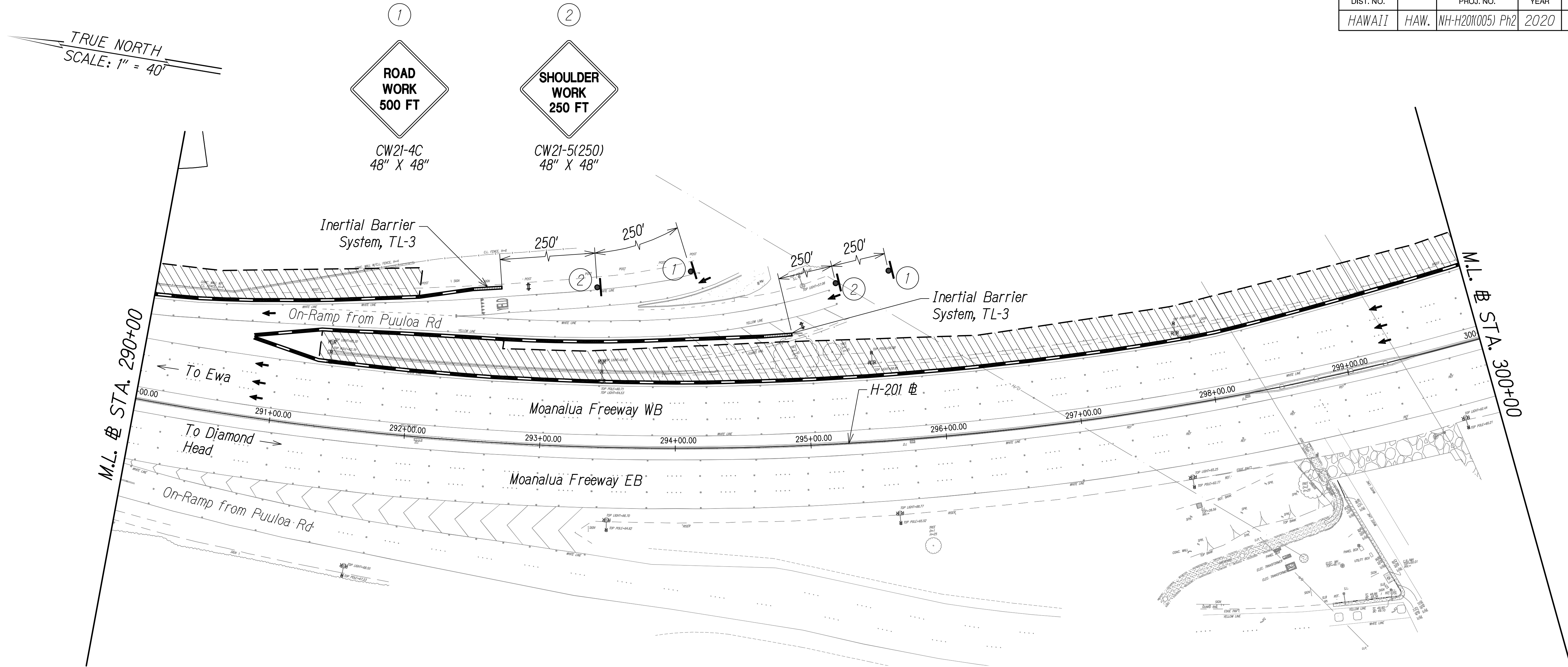
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

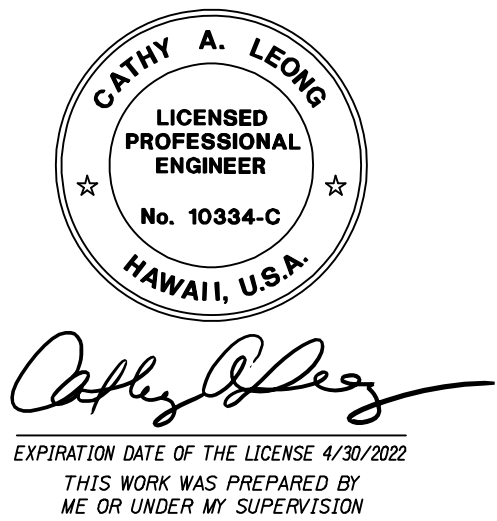
SHEET No. TC-42 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	64	140

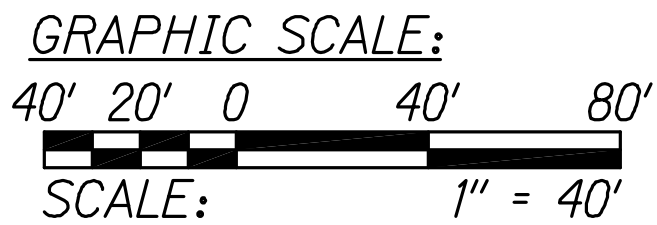


LEGEND	
	Work Zone
	Concrete Barrier
	Sign
	Temporary Solid Striping
	Temporary Dashed Striping
	Temporary White Guideline
	Existing Sign
	Flow of Traffic
	Inertial Barrier System, TL-3
	Type II Barricade

- NOTES:
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. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. Install advisory signs according to Section 645 - Work Zone Traffic Control, a minimum of 500' before and after the extents of the traffic control.



TRAFFIC CONTROL PLAN - PHASE 5 (BASE SCOPE)
24-HOUR CLOSURE
SCALE: 1" = 40'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

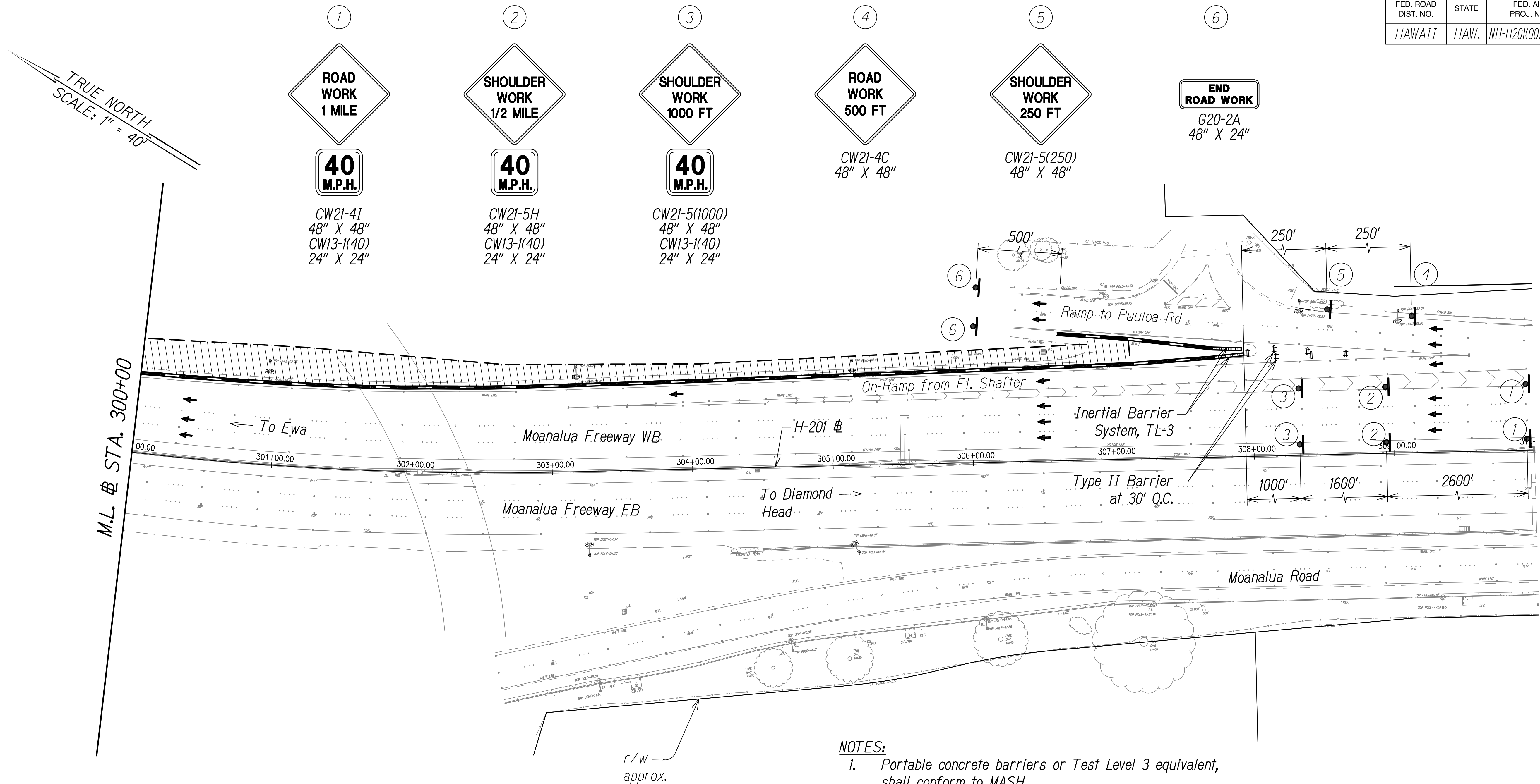
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-43 OF 49 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	65	140

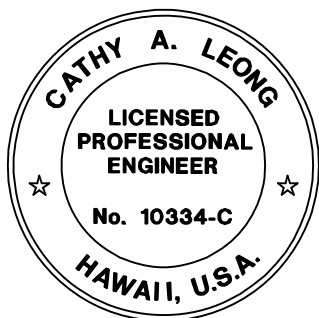


- NOTES:**
1. Portable concrete barriers or Test Level 3 equivalent, shall conform to MASH.
 2. Inertial barrier system shall conform with MASH - Test Level 3 or approved NCHRP Report350 - Test Level 3 hardware purchased prior to December 31, 2018.
 3. All striping is temporary and shall be considered incidental to Section - 645 Work Zone Traffic Control. See TC-3 for temporary striping detail.
 4. 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 | | 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 | | |

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

TRAFFIC CONTROL PLAN - PHASE 5 (BASE SCOPE)
24-HOUR CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

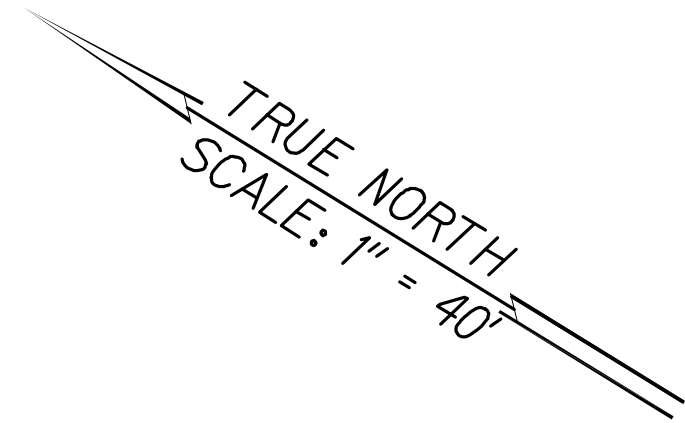
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

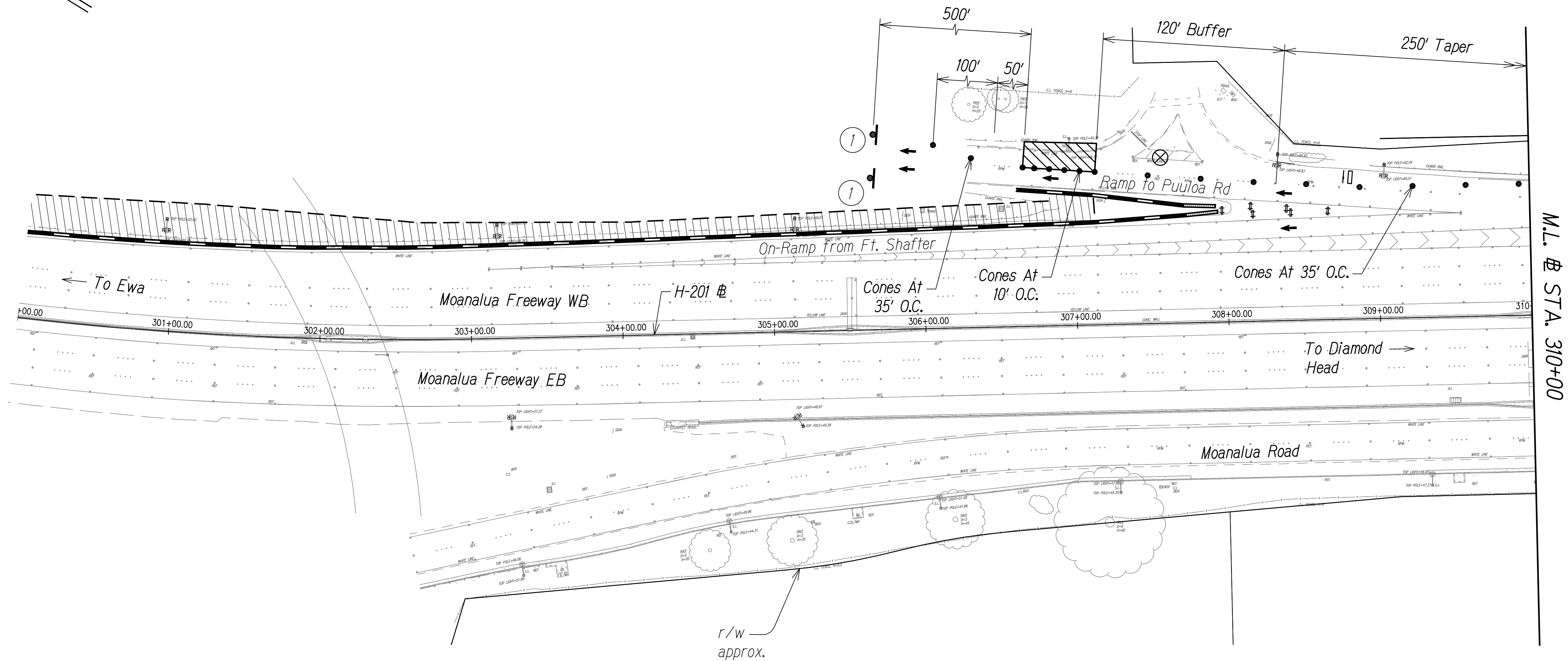
Scale: 1" = 40' Date: July 2020

SHEET No. TC-44 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	66	140



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'

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 H-1.
3. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

TRAFFIC CONTROL PLAN - PHASE 5 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

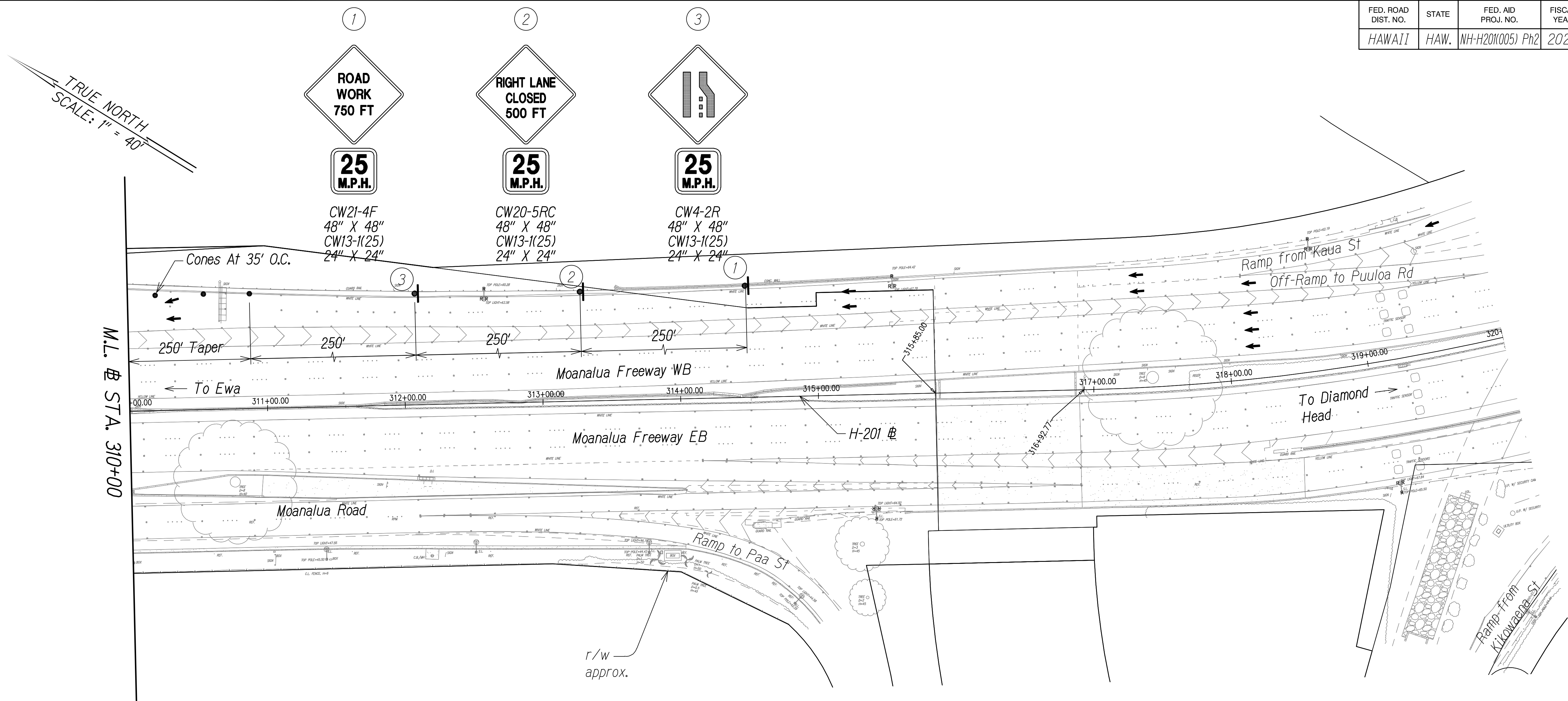
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-45 OF 49 SHEETS

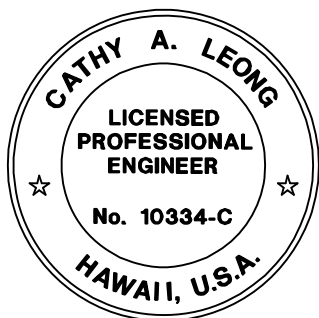
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	67	140



- 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).
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STATE OF HAWAII
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HIGHWAYS DIVISION

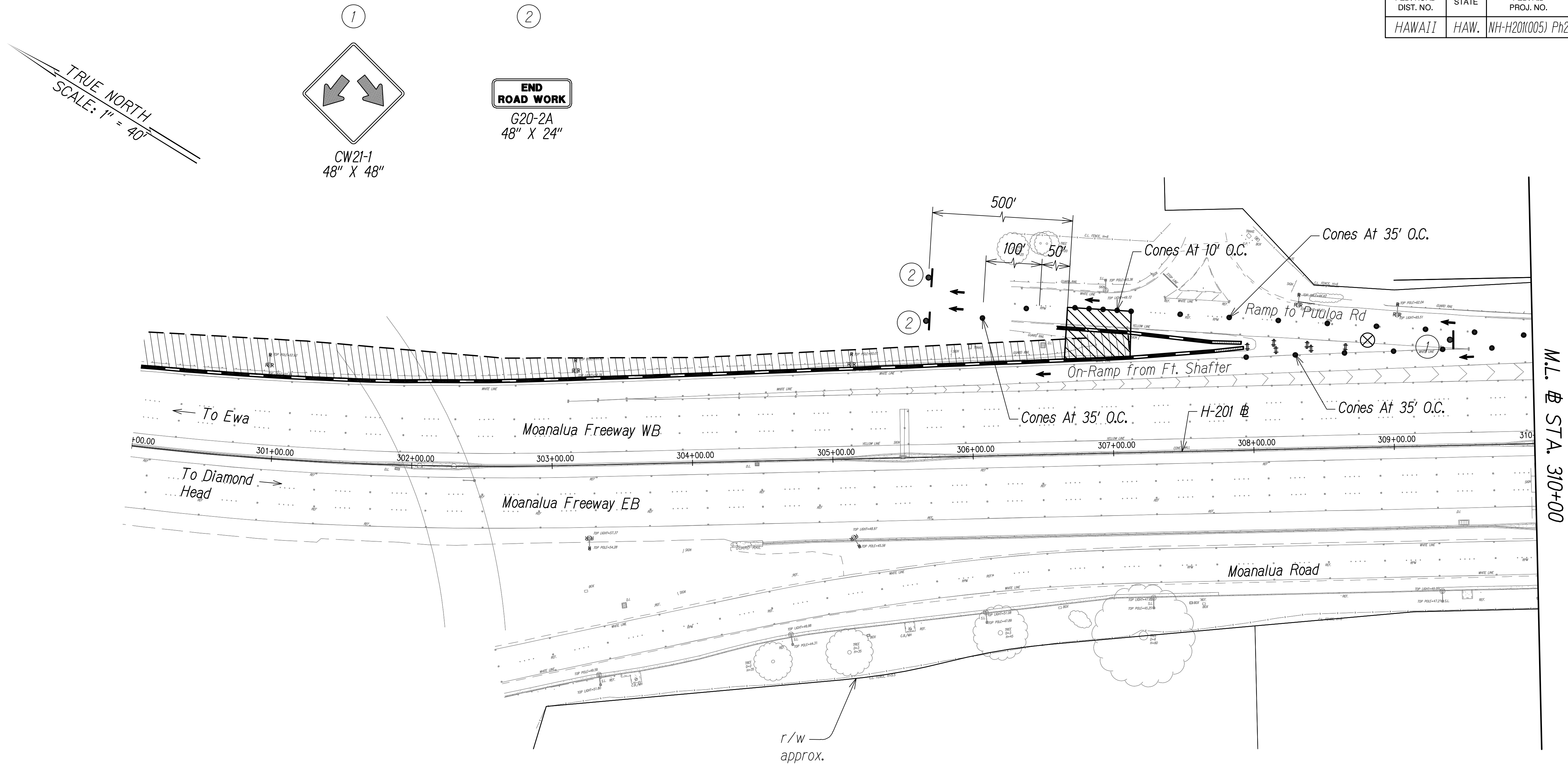
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-46 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	68	140



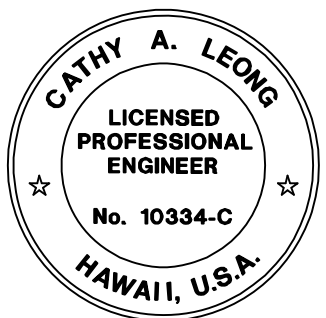
LEGEND

- ⊗ 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).
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Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

TRAFFIC CONTROL PLAN - PHASE 5 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'

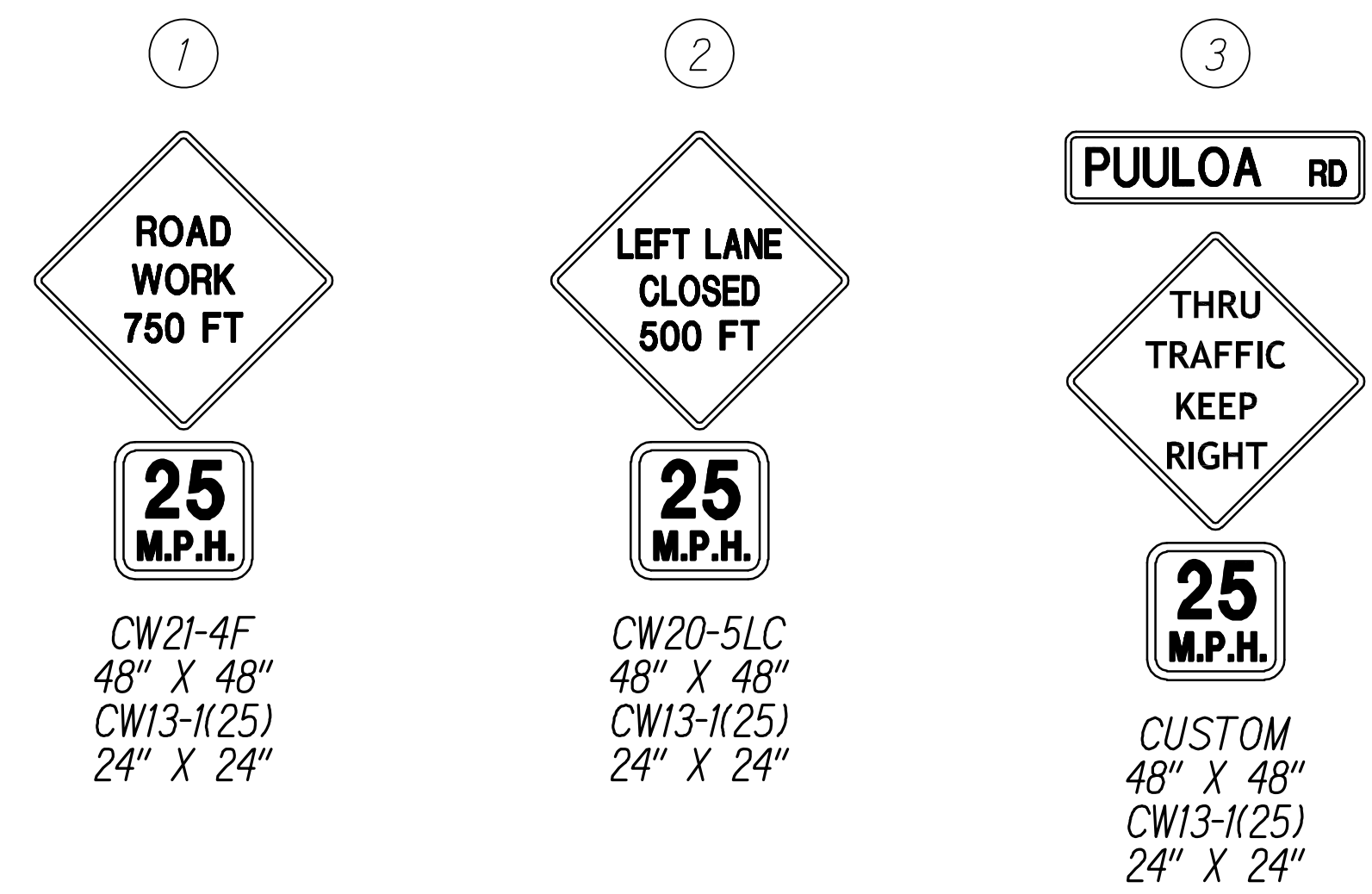
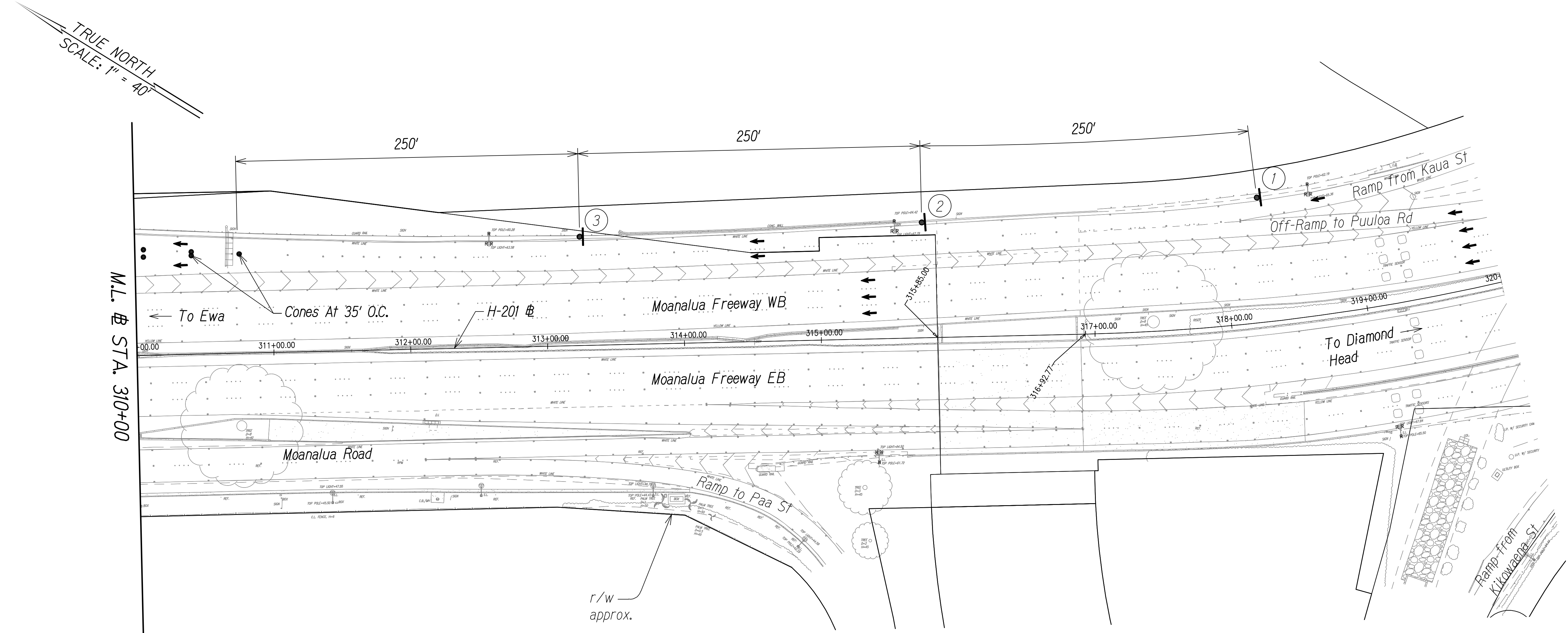
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

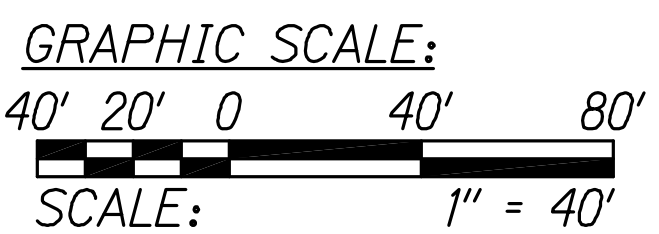
MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-47 OF 49 SHEETS

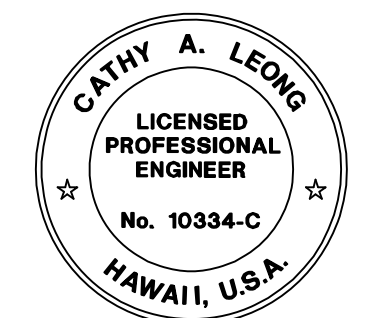


- LEGEND**
- ⊗ Special Duty Officer
 - Cones or Delineators
 - Sign
 - Flow of Traffic
 - ▮ Arrowboard Panel



- 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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TRAFFIC CONTROL PLAN - PHASE 5 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

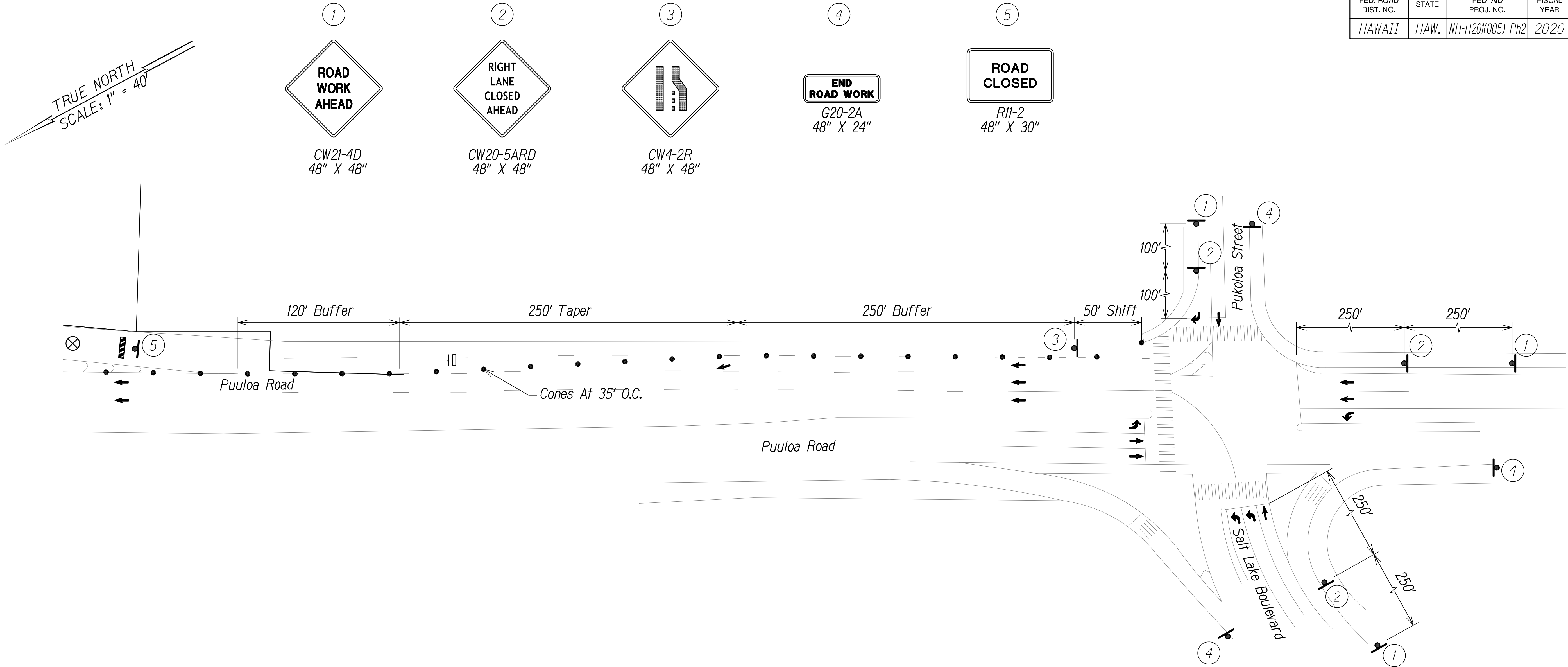
TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020
SHEET No. TC-48 OF 49 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H201(005) Ph2	2020	70	140



LEGEND

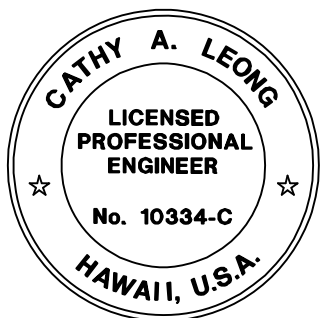
- ⊗ Special Duty Officer
- Cones or Delineators
- Sign
- Flow of Traffic
- ▮ Arrowboard Panel

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 H-1.
3. See TD-4 for Detour Route.
4. Special Duty Officers and Flaggers Working at Night Shall be Required to Keep Their Work Area Position Illuminated.

TRAFFIC CONTROL PLAN - PHASE 5 (BASE SCOPE)
TEMPORARY CLOSURE
SCALE: 1" = 40'



Cathy A. Leong
EXPIRATION DATE OF THE LICENSE 4/30/2022
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

MOANALUA FREEWAY, HIGHWAY LIGHTING IMPROVEMENTS
Halawa Heights Off-ramp to Middle St. Overpass
FAP NO. NH-H201(005) PHASE 2

Scale: 1" = 40' Date: July 2020

SHEET No. TC-49 OF 49 SHEETS