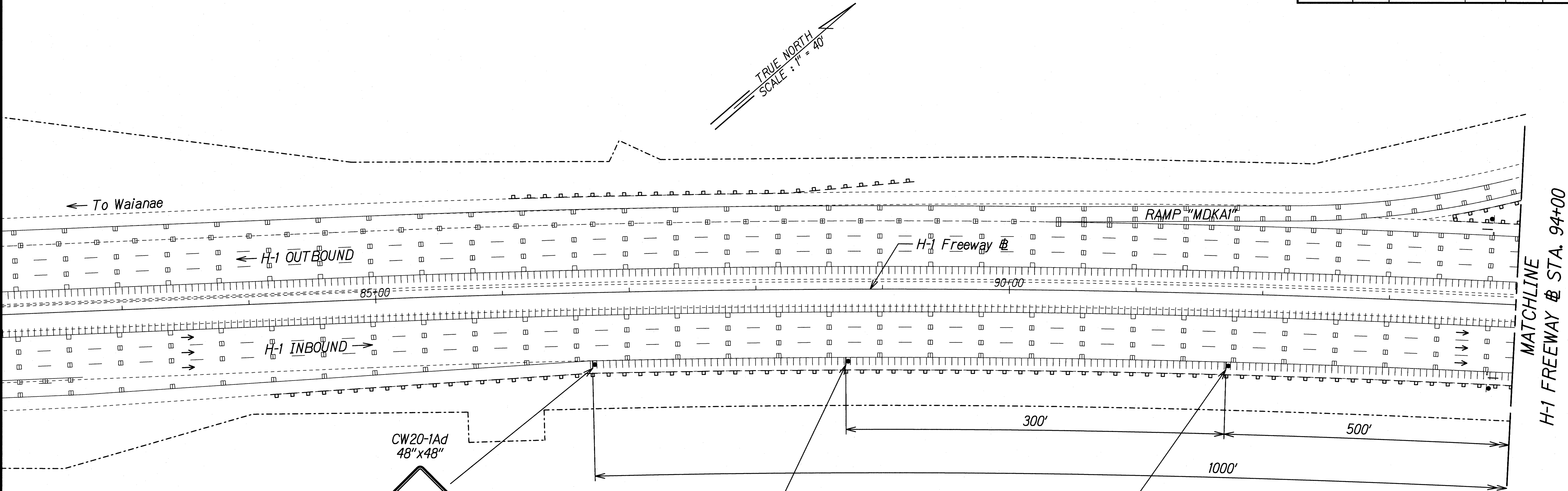


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	217	241



CW20-1Ad
48"x48"

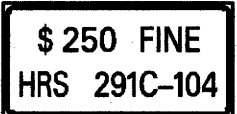
48"x24"



CW3-5(45)-A
48"x48"



48"x24"



48"x18"

48"x24"



R2-1(45)-A
48"x60"

48"x24"



Legend:

- ◄ Sign
- Direction of Traffic

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

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Gerald D. Andrade 04/30/20
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

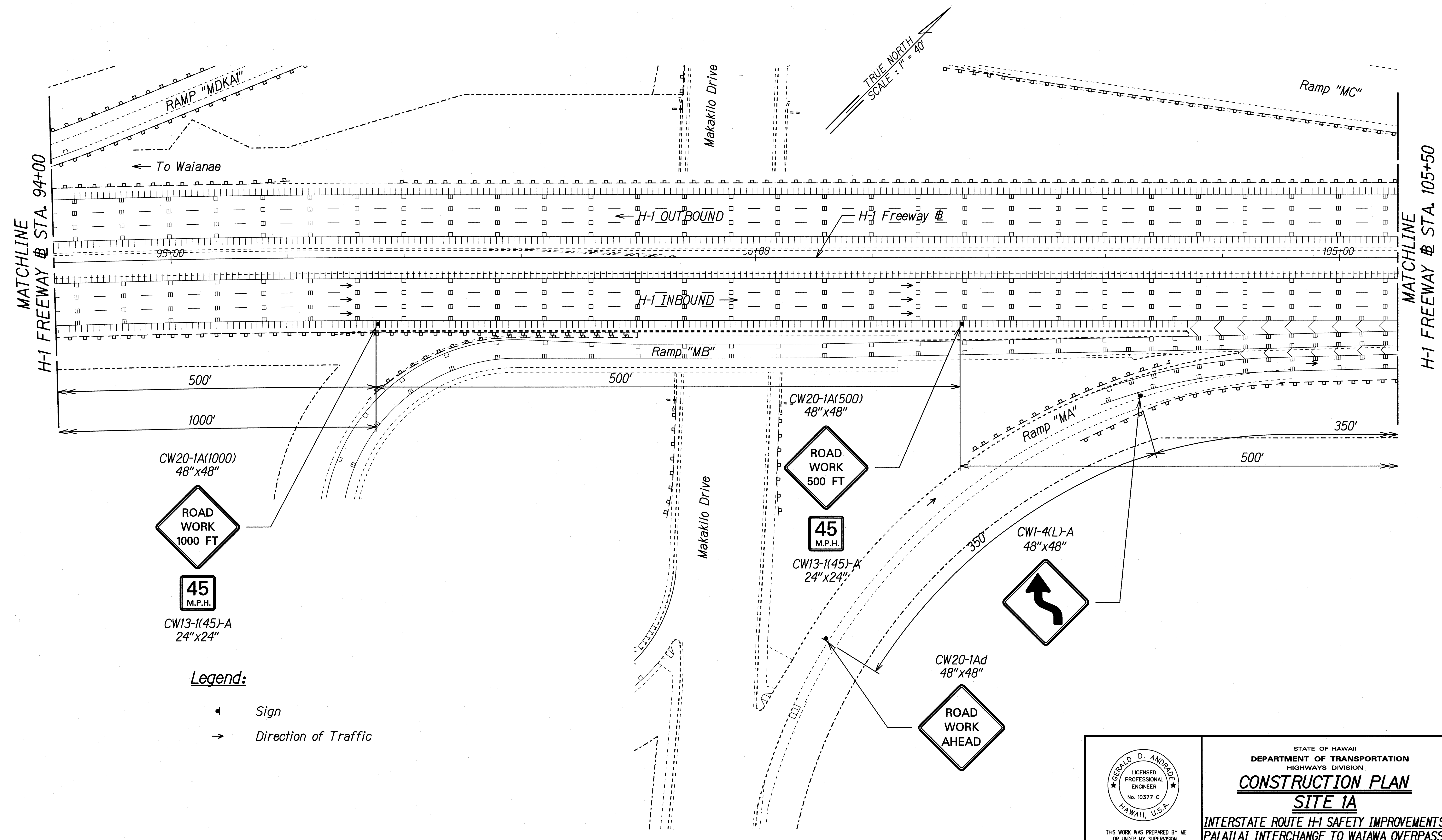
CONSTRUCTION PLAN

SITE 1A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-K270	2018	218	241



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

CW20-1A(1000)
48"x48"

ROAD WORK
1000 FT

45
M.P.H.

CW13-1(45)-A
24"x24"

Legend:

◄ Sign

→ Direction of Traffic

CW20-1A(500)
48"x48"

ROAD WORK
500 FT

45
M.P.H.

CW13-1(45)-A
24"x24"

CW20-1Ad
48"x48"

ROAD WORK
AHEAD

CW1-4(L)-A
48"x48"

GERALD D. ANDRADE
LICENSED PROFESSIONAL ENGINEER
No. 10377-C
HAWAII, U.S.A.

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Signature: *Gerald D. Andrade* 04/30/20
SIGNATURE EXPIRATION DATE OF THE LICENSE

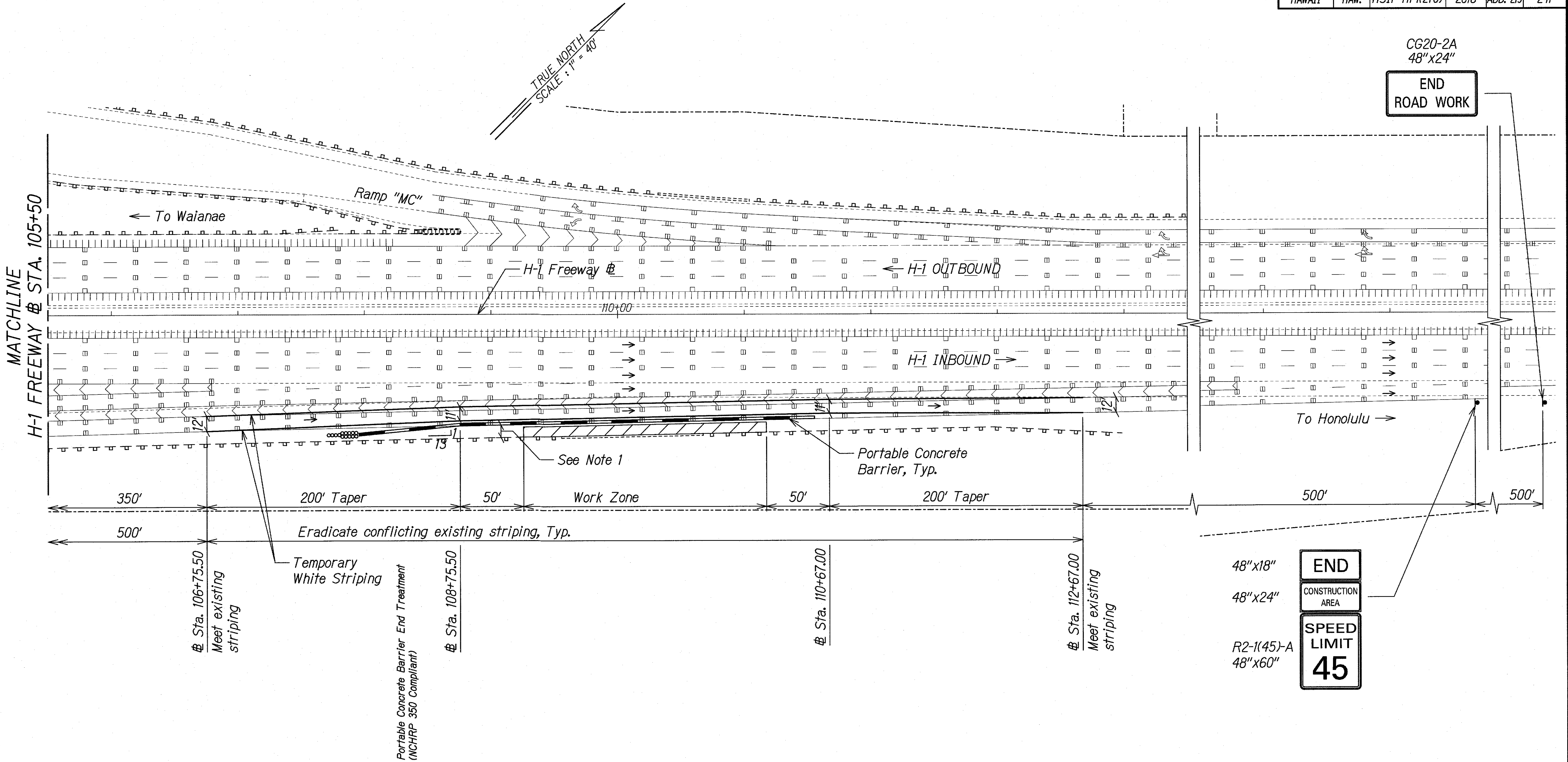
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
SITE 1A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-K270

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 219	241

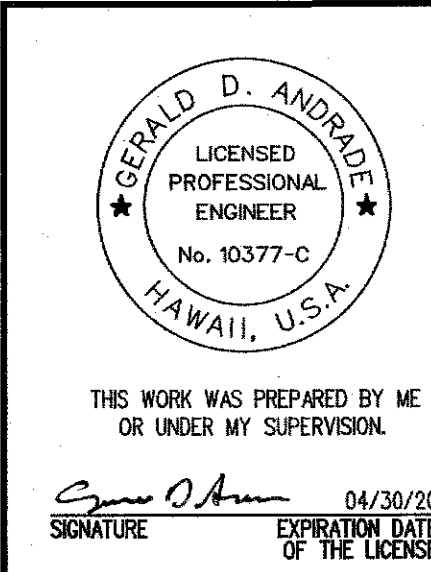


Legend:

- ▲ Sign
- Direction of Traffic
- Portable Concrete Barrier
- ▲ — Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- ▨ Work Zone

NOTE:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.



10/25/18	▲ Revised Legend
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
ENDPOST 1A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

SHEET No. TC-84 OF 106 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

CG20-2A
48"x24"

END
ROAD WORK

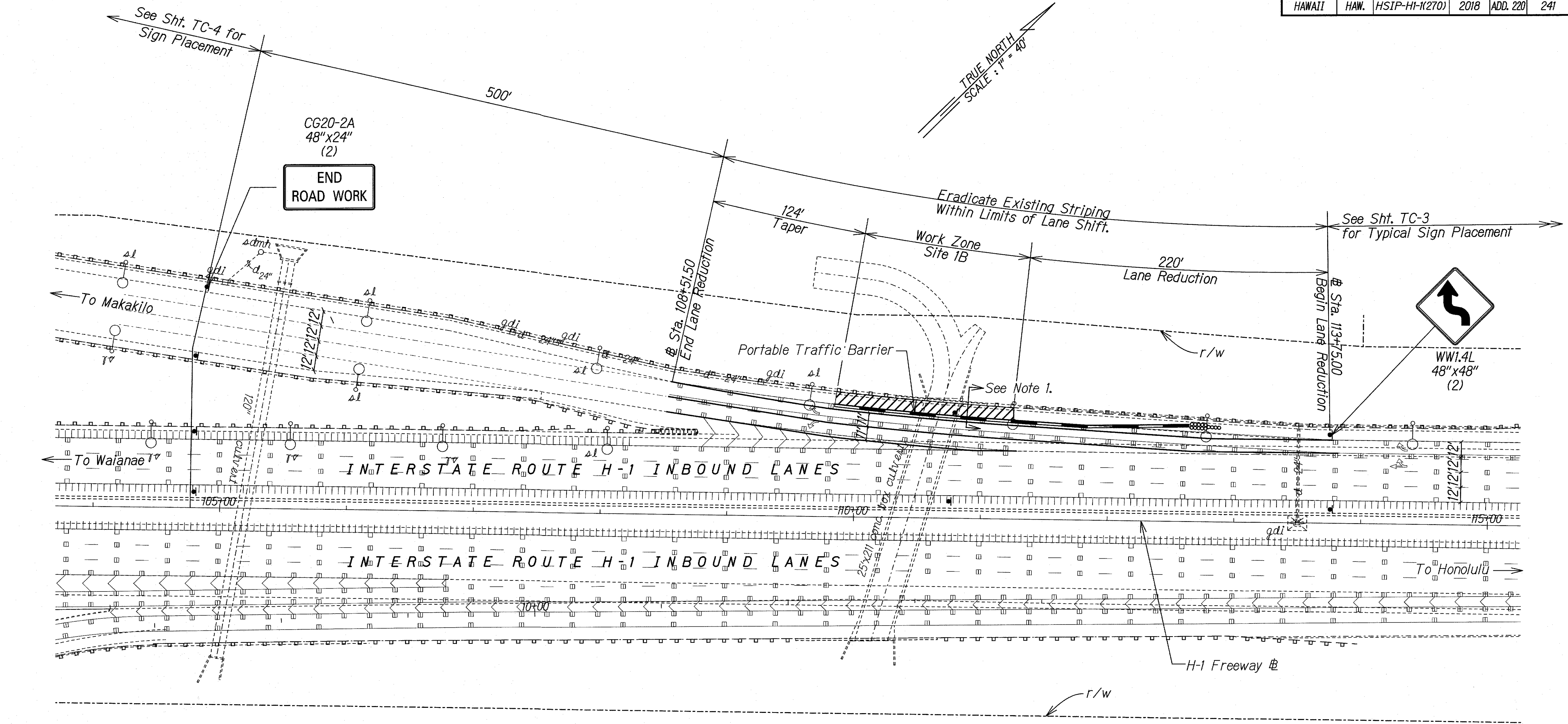
48"x18"

48"x24"

R2-1(45)-A
48"x60"

END
CONSTRUCTION
AREA
SPEED
LIMIT
45

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 220	241



Legend:

- ▲ Sign
- Direction of Traffic
- Portable Concrete Barrier
- △ □□□□□ Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- ▨ Work Zone

NOTE:

1. Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.

10/25/18	△ Revised Legend
Date	Revision

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Signature: *Gerald D. Andrade* 04/30/20
EXPIRATION DATE OF THE LICENSE

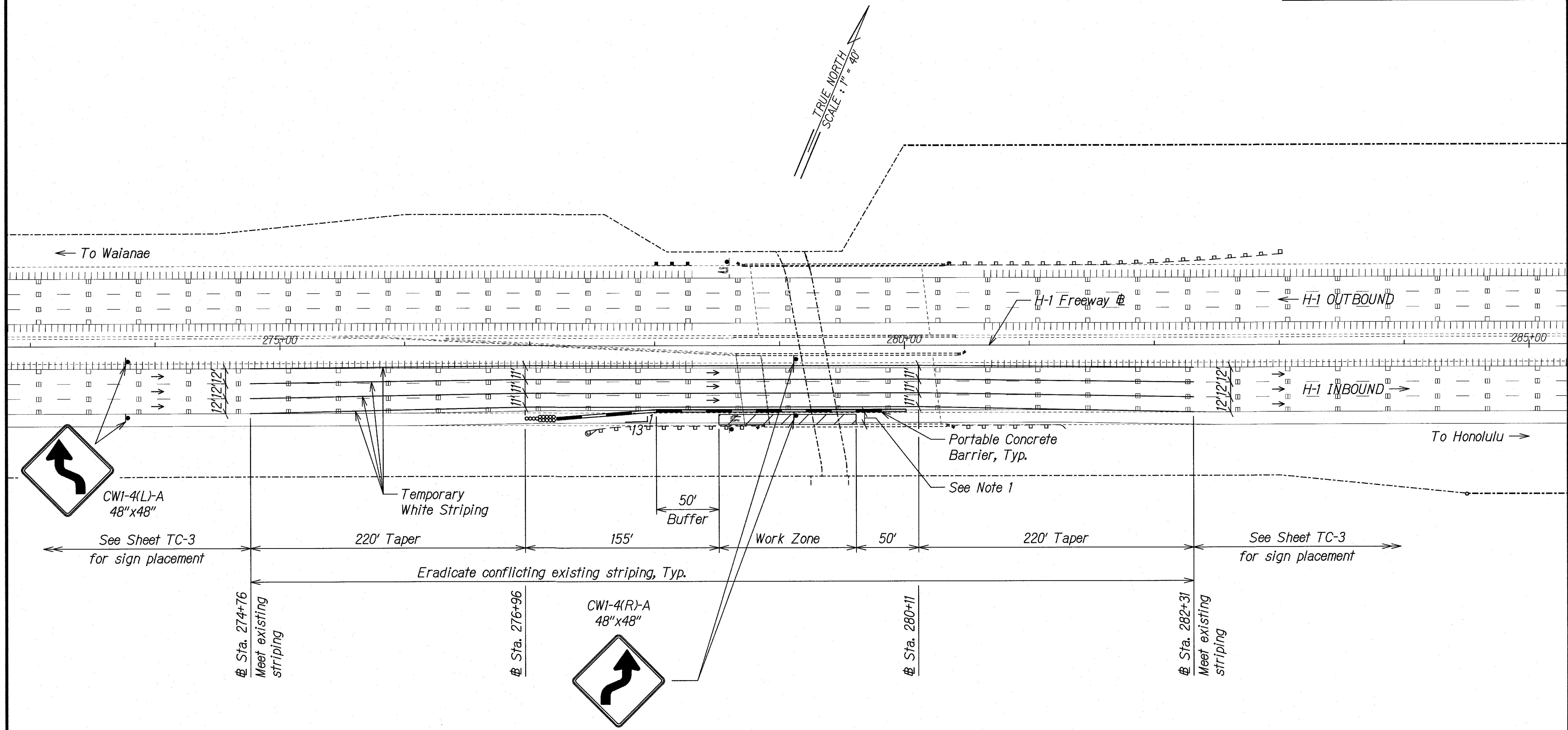
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
END POST 1B

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALATAL INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 221	241



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

Legend:

- ▲ Sign
- Direction of Traffic
- Portable Concrete Barrier
- △ ○○○○ Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- ▨ Work Zone

NOTE:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.

10/25/18	△ Revised Legend
Date	Revision

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SIGNATURE: *Gerald D. Andrade* EXPIRATION DATE: 04/30/20 OF THE LICENSE

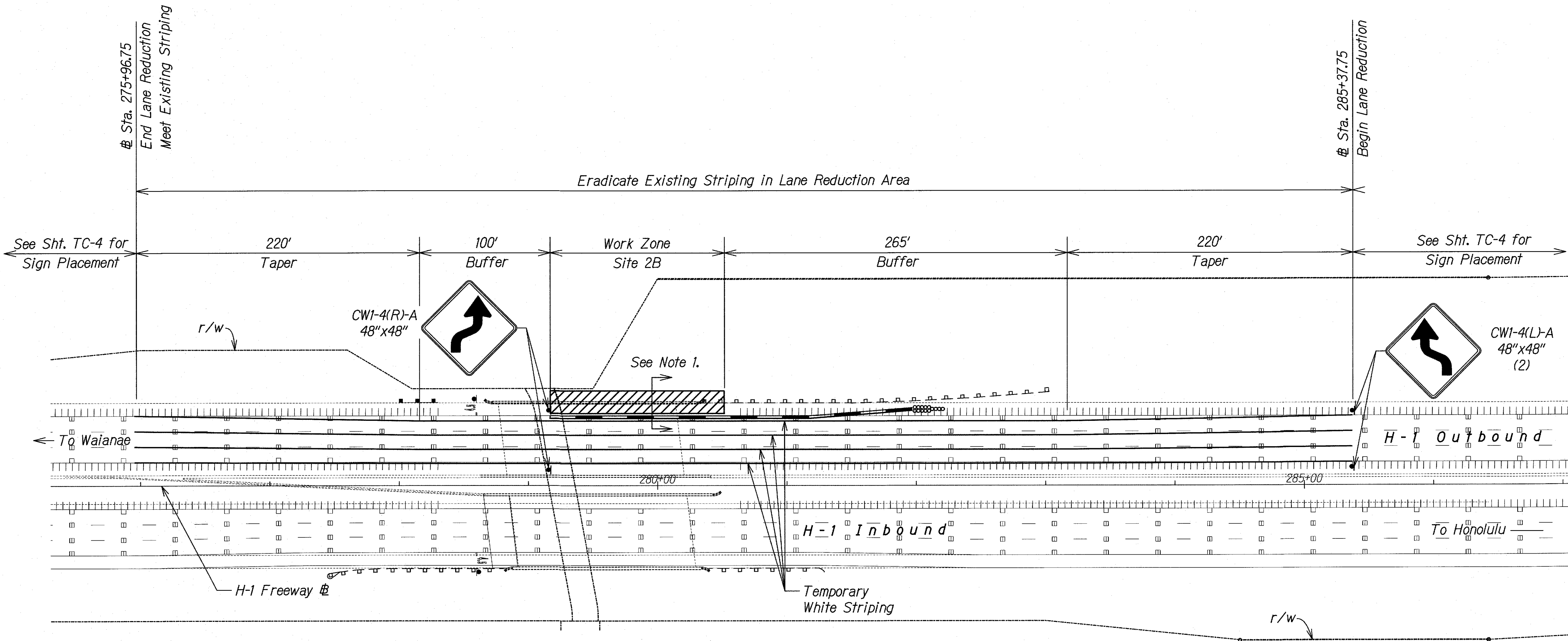
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
END POST 2A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALILAI INTERCHANGE TO WAIKAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 222	241



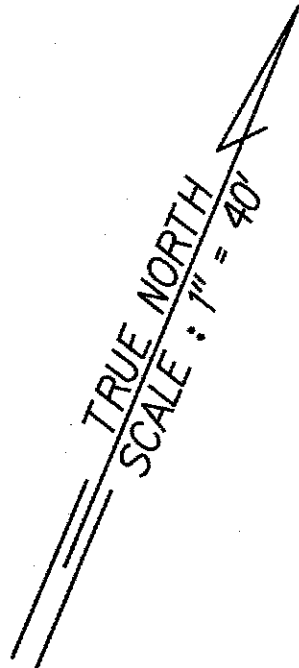
DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
APPROVED BY	_____
NOTE BOOK	_____
NO.	_____

Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

NOTE:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For On-Ramp "EW" provide advanced warning sign CW20-1Ad after Sta. 301+00. See Spec ection 645 for spacing.



10/25/18	Revised Legend
Date	Revision

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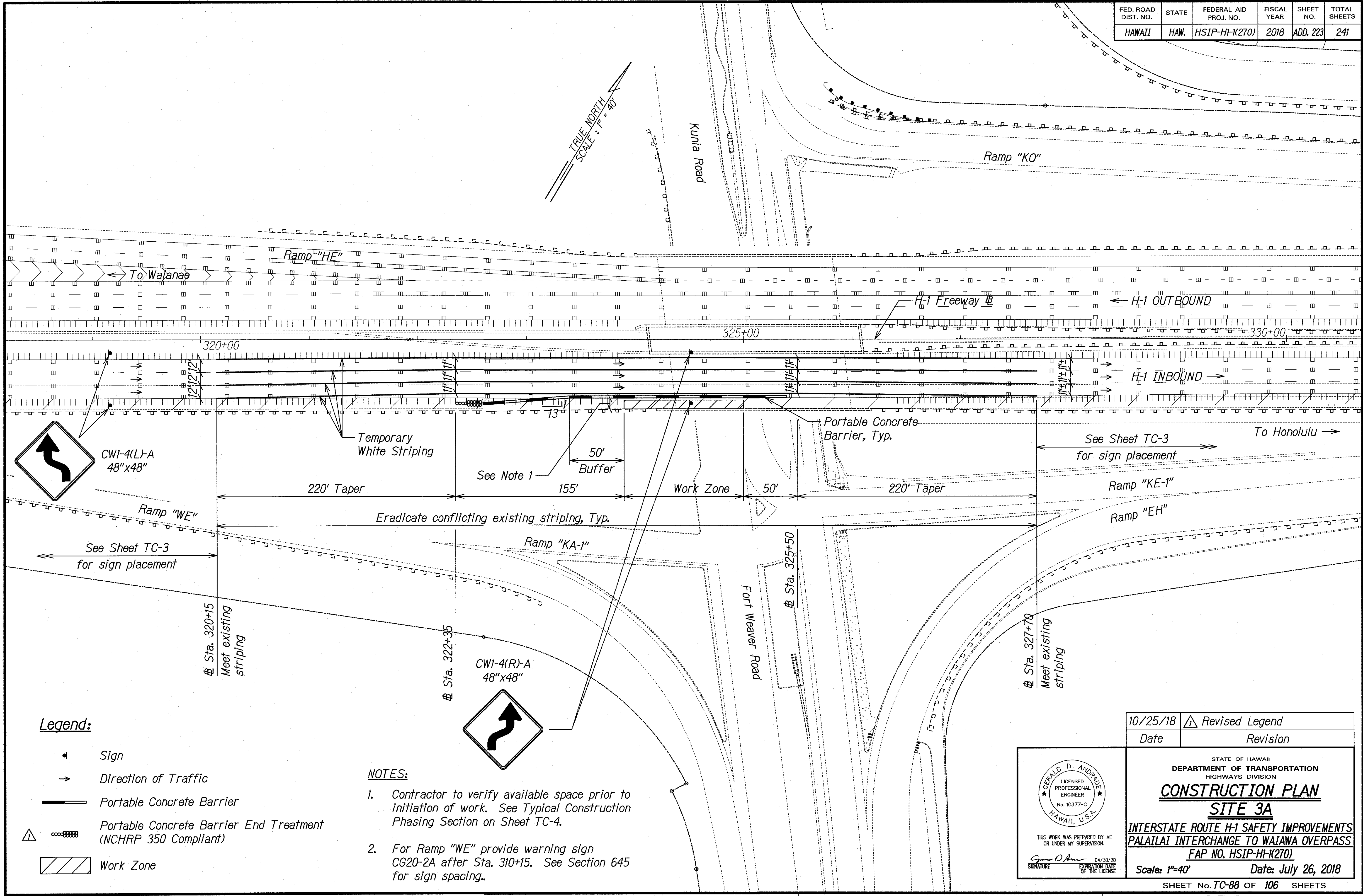
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
END POST 2B

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIKAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 223	241



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

NOTES:

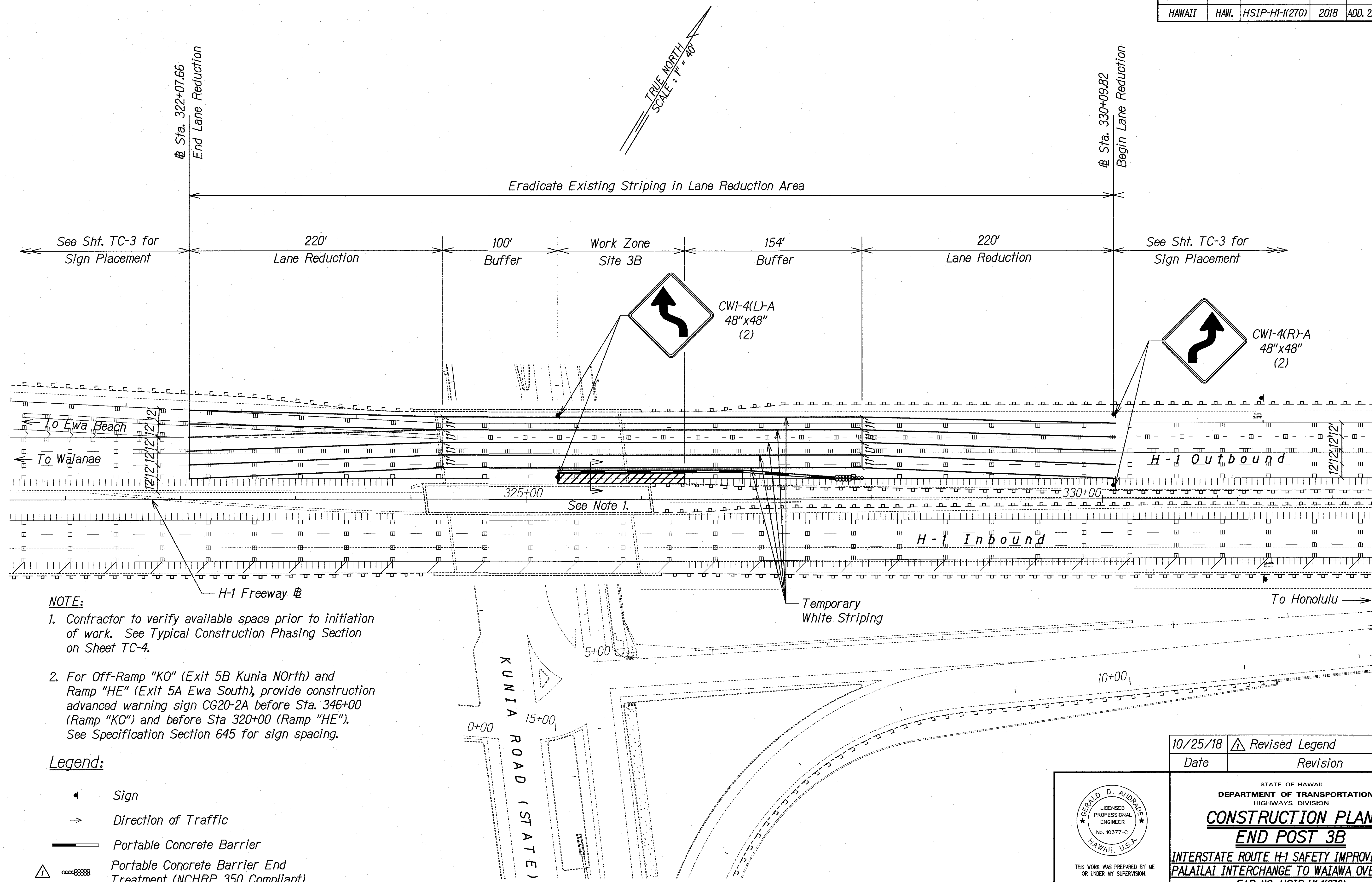
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For Ramp "WE" provide warning sign CG20-2A after Sta. 310+15. See Section 645 for sign spacing.

10/25/18	Revised Legend
Date	Revision

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 SIGNATURE: *Gerald D. Andrade* EXPIRATION DATE: 04/30/20 OF THE LICENSE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CONSTRUCTION PLAN
SITE 3A
 INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
 PALAILAI INTERCHANGE TO WAIAWA OVERPASS
 FAP NO. HSIP-HI-1(270)
 Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 224	241



- NOTE:**
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
 - For Off-Ramp "KO" (Exit 5B Kunia North) and Ramp "HE" (Exit 5A Ewa South), provide construction advanced warning sign CG20-2A before Sta. 346+00 (Ramp "KO") and before Sta 320+00 (Ramp "HE"). See Specification Section 645 for sign spacing.

- Legend:**
- Sign
 - Direction of Traffic
 - Portable Concrete Barrier
 - Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
 - Work Zone

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

10/25/18	Revised Legend
Date	Revision

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Signature: *Gerald D. Andrade* Date: 04/30/2020

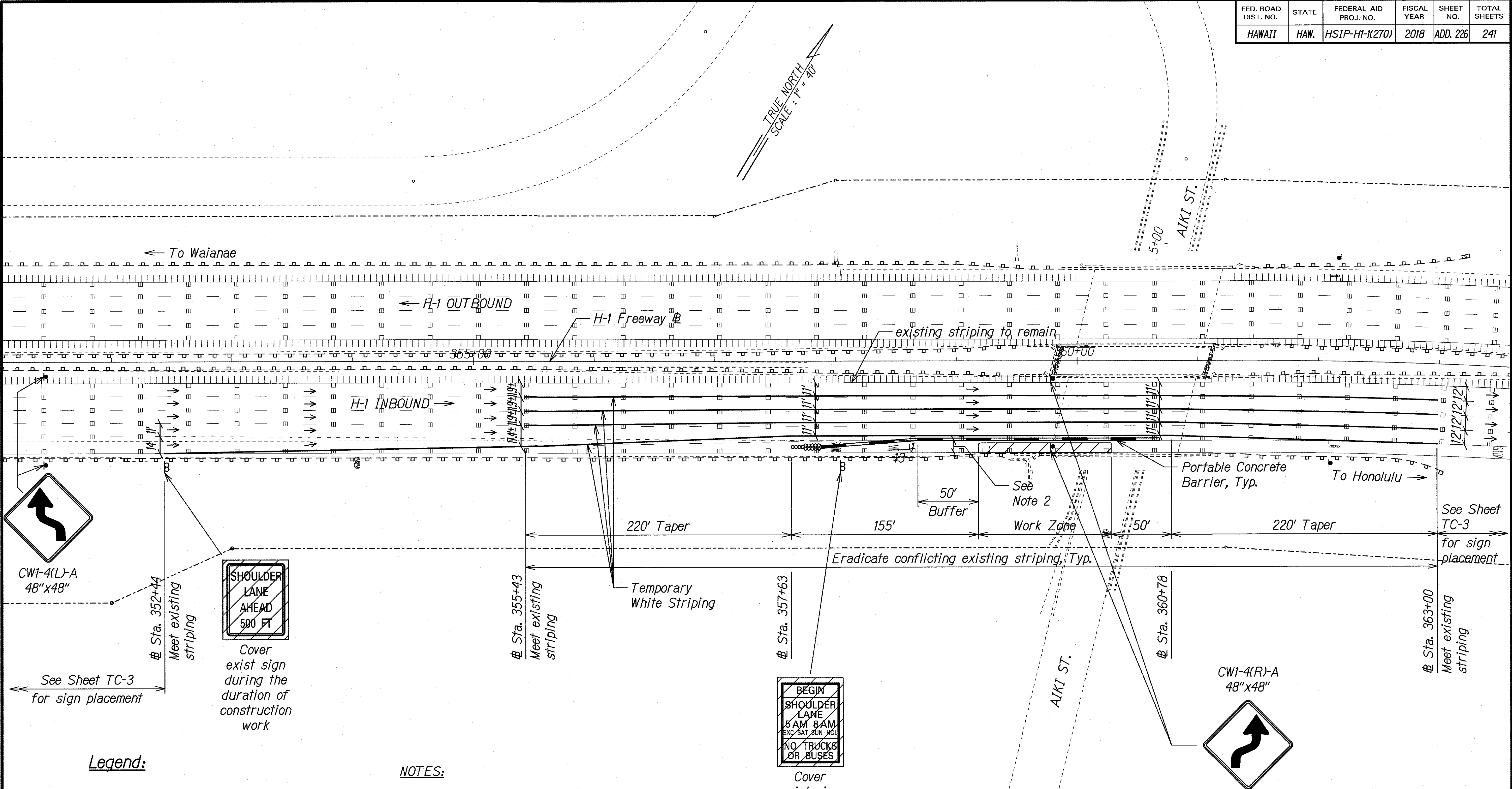
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
END POST 3B

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-K(270)	2018	ADD. 226	241

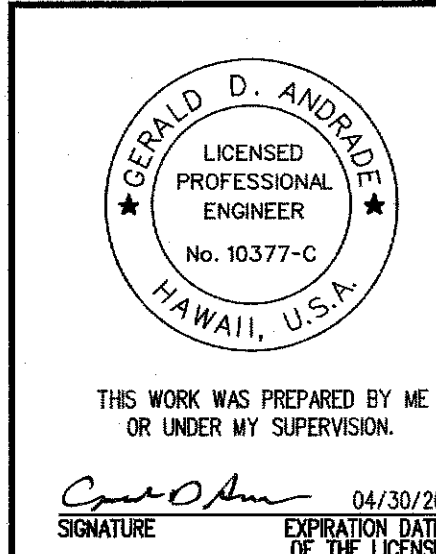


Legend:

- Existing Sign
- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

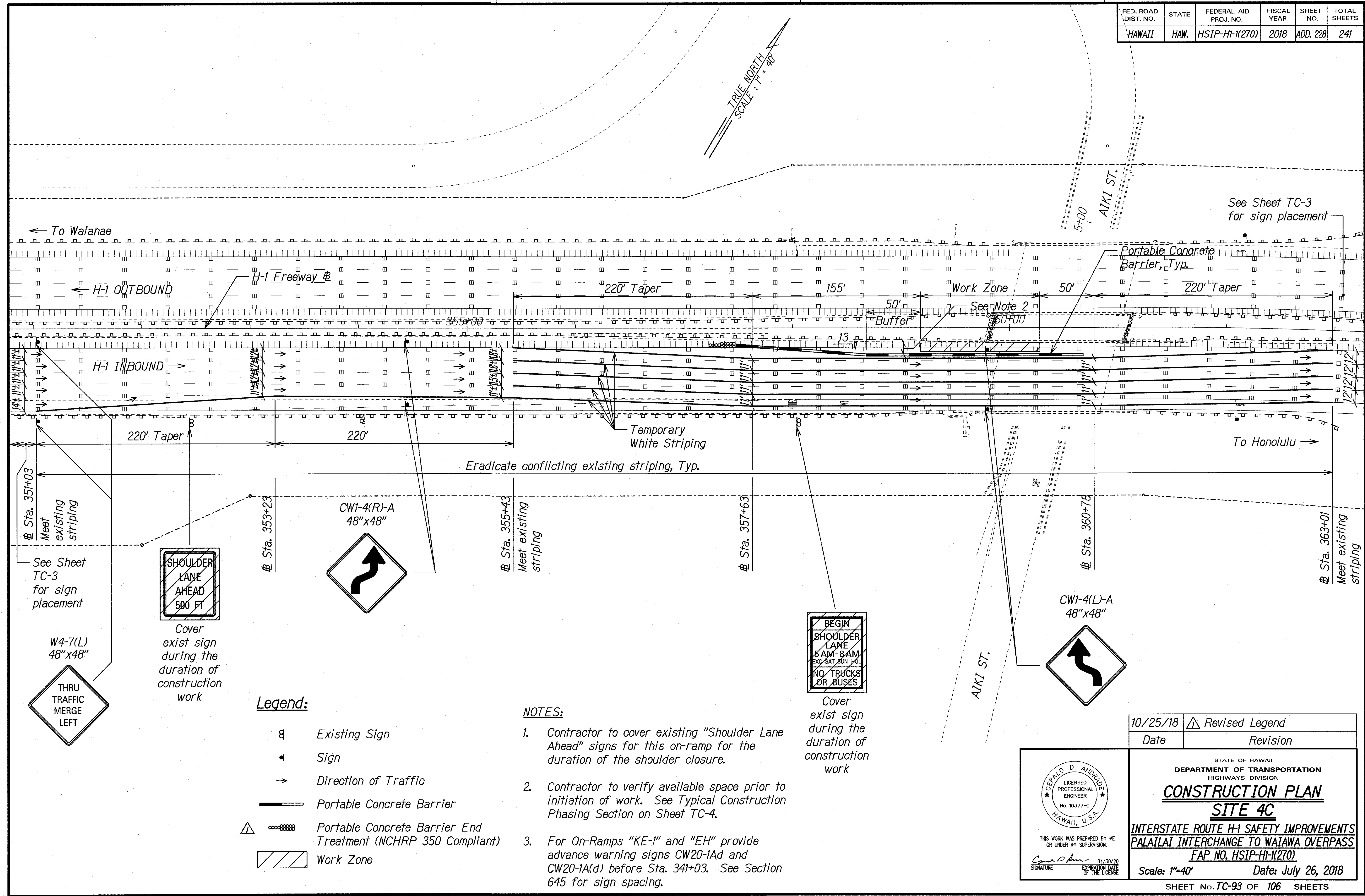
NOTES:

- Contractor to cover existing "Shoulder Lane Ahead" signs for this on-ramp for the duration of the shoulder closure.
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For On-Ramps "KE-1" and "EH" provide advance warning signs CW20-1Ad and CW20-1A(d) before Sta. 342+44. See Section 645 for sign spacing.



10/25/18	Revised Legend
Date	Revision
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PLAN SITE 4A INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS PALAILAI INTERCHANGE TO WAIAWA OVERPASS FAP NO. HSIP-HI-K(270)	
Scale: 1"=40'	Date: July 26, 2018
SHEET No. TC-91 OF 106 SHEETS	

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-K(270)	2018	ADD. 228	241



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

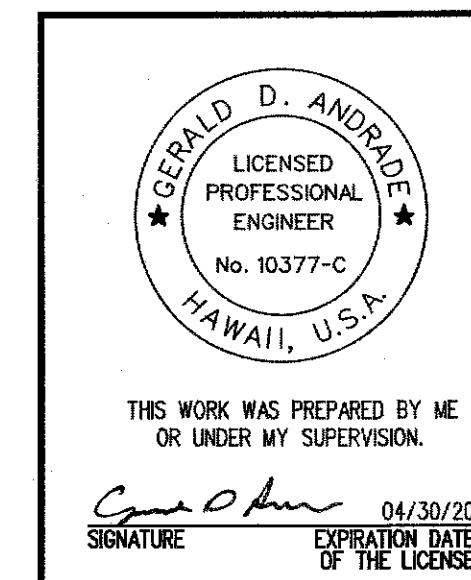
Legend:

- Existing Sign
- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

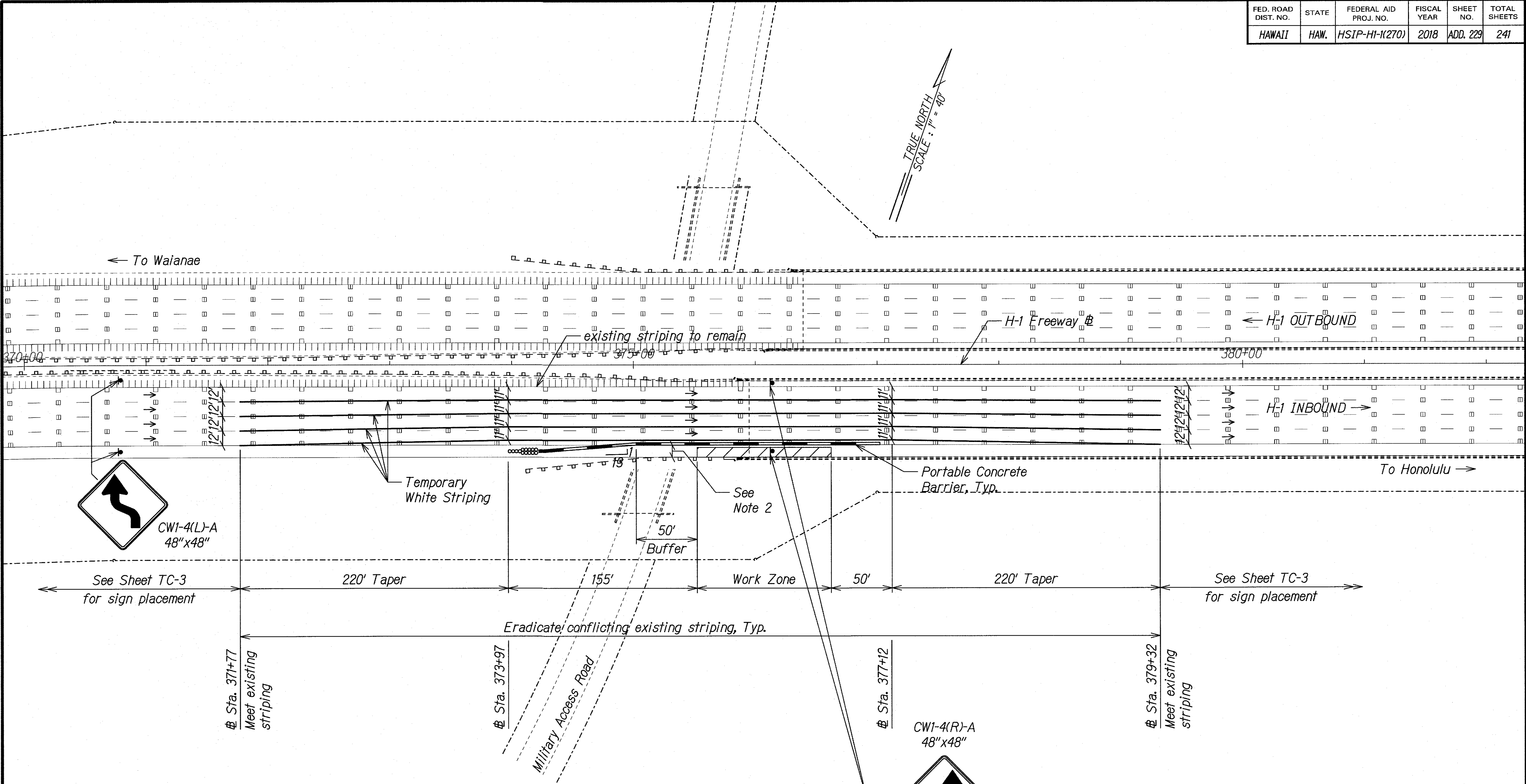
NOTES:

- Contractor to cover existing "Shoulder Lane Ahead" signs for this on-ramp for the duration of the shoulder closure.
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For On-Ramps "KE-1" and "EH" provide advance warning signs CW20-1Ad and CW20-1A(d) before Sta. 341+03. See Section 645 for sign spacing.

10/25/18	Revised Legend
Date	Revision
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PLAN SITE 4C INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS PALATALAI INTERCHANGE TO WAIAWA OVERPASS FAP NO. HSIP-HI-K(270) Scale: 1"=40' Date: July 26, 2018 SHEET No. TC-93 OF 106 SHEETS	



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-K(270)	2018	ADD. 229	241



Legend:

- Direction of Traffic
- Portable Concrete Barrier
- △ Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- ▨ Work Zone

NOTES:

- Contractor to cover existing "Shoulder Lane Ahead" signs for this on-ramp for the duration of the shoulder closure.
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	

10/25/18	△ Revised Legend
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* 04/30/20
EXPIRATION DATE OF THE LICENSE

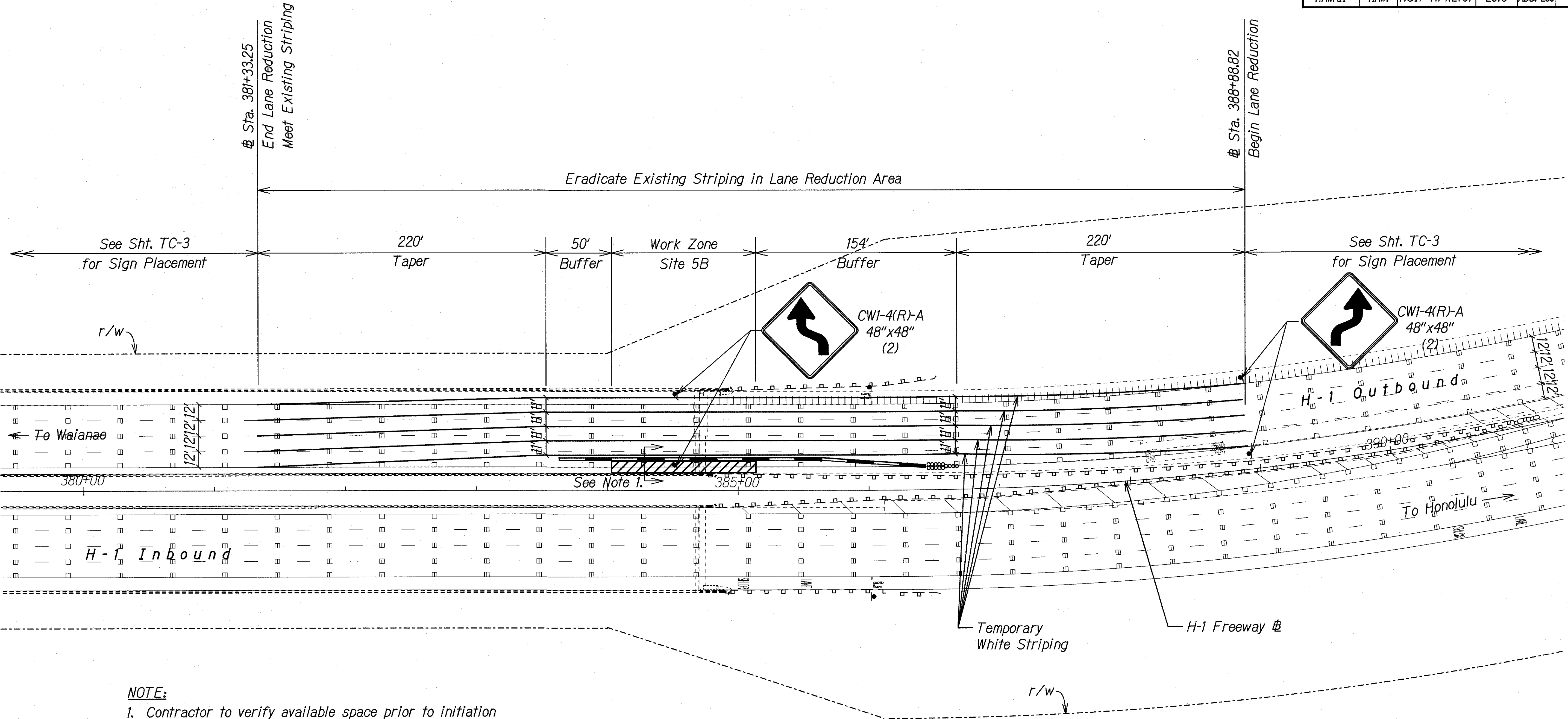
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
SITE 5A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-K(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(K270)	2018	ADD. 230	241



NOTE:

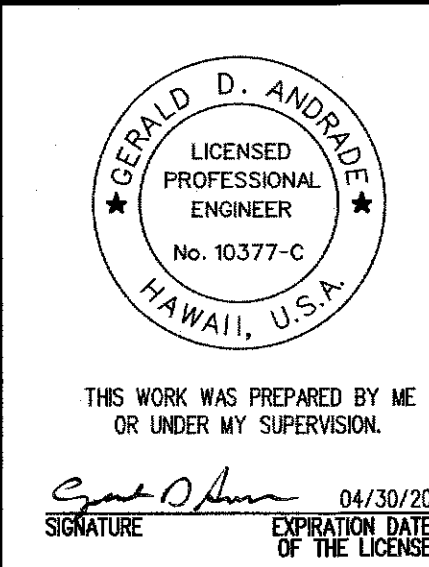
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For Off-Ramp "D", provide construction advanced warning sign CW20-1Ad after Sta. 405+00. See Specification Section 645 for sign spacing.

Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

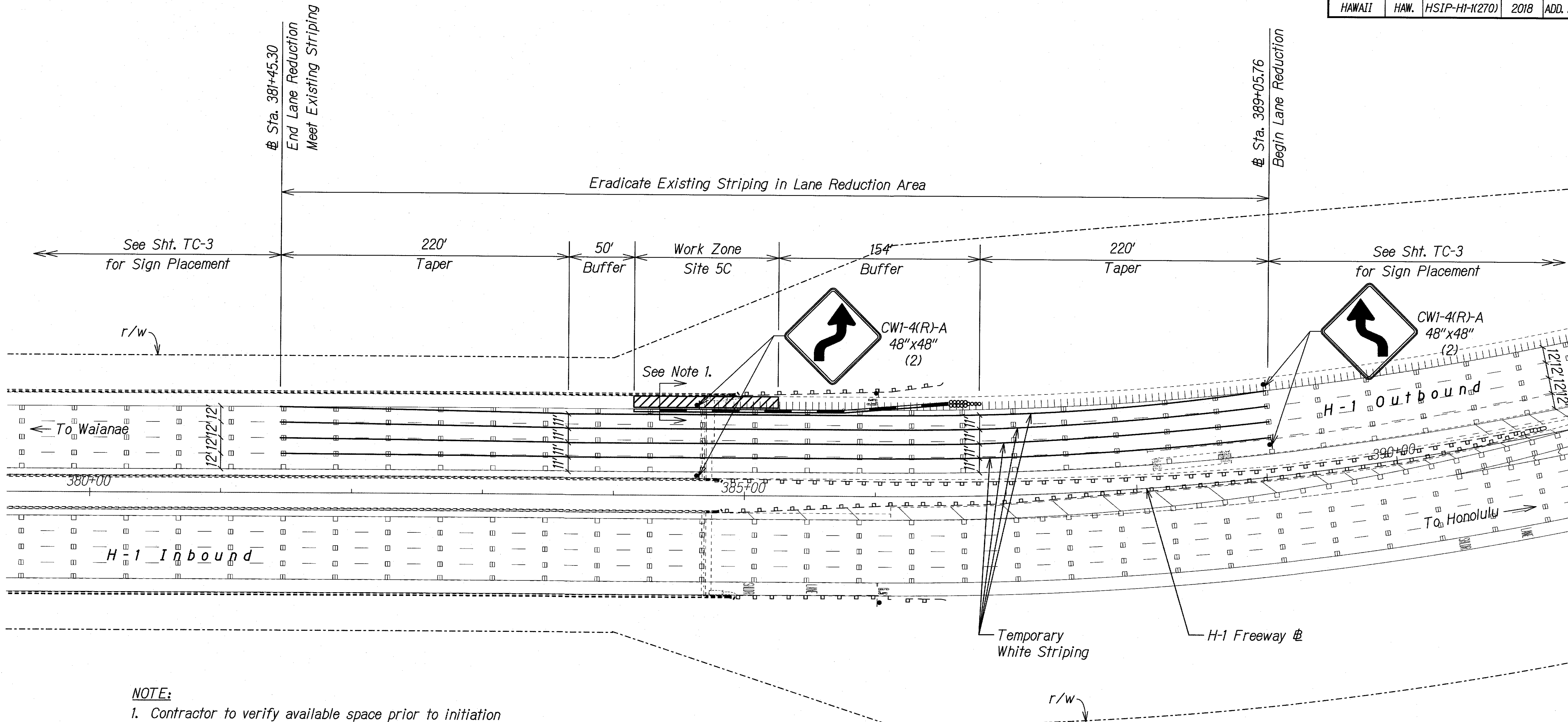
TRUE NORTH
SCALE: 1" = 40'

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



10/25/18	Revised Legend
Date	Revision
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PLAN END POST 5B INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS PALALAI INTERCHANGE TO WAIKAWA OVERPASS FAP NO. HSIP-HI-1(K270)	
Scale: 1"=40'	Date: July 26, 2018
SHEET No. TC-95 OF 106 SHEETS	

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 231	241



- NOTE:**
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
 - For Off-Ramp "D", provide construction advanced warning sign CW20-1Ad after Sta. 405+00. See Specification Section 645 for sign spacing.

Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

TRUE NORTH
SCALE: 1" = 40'

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

10/25/18	Revised Legend
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Gerald D. Andrade
SIGNATURE

04/30/20
EXPIRATION DATE OF THE LICENSE

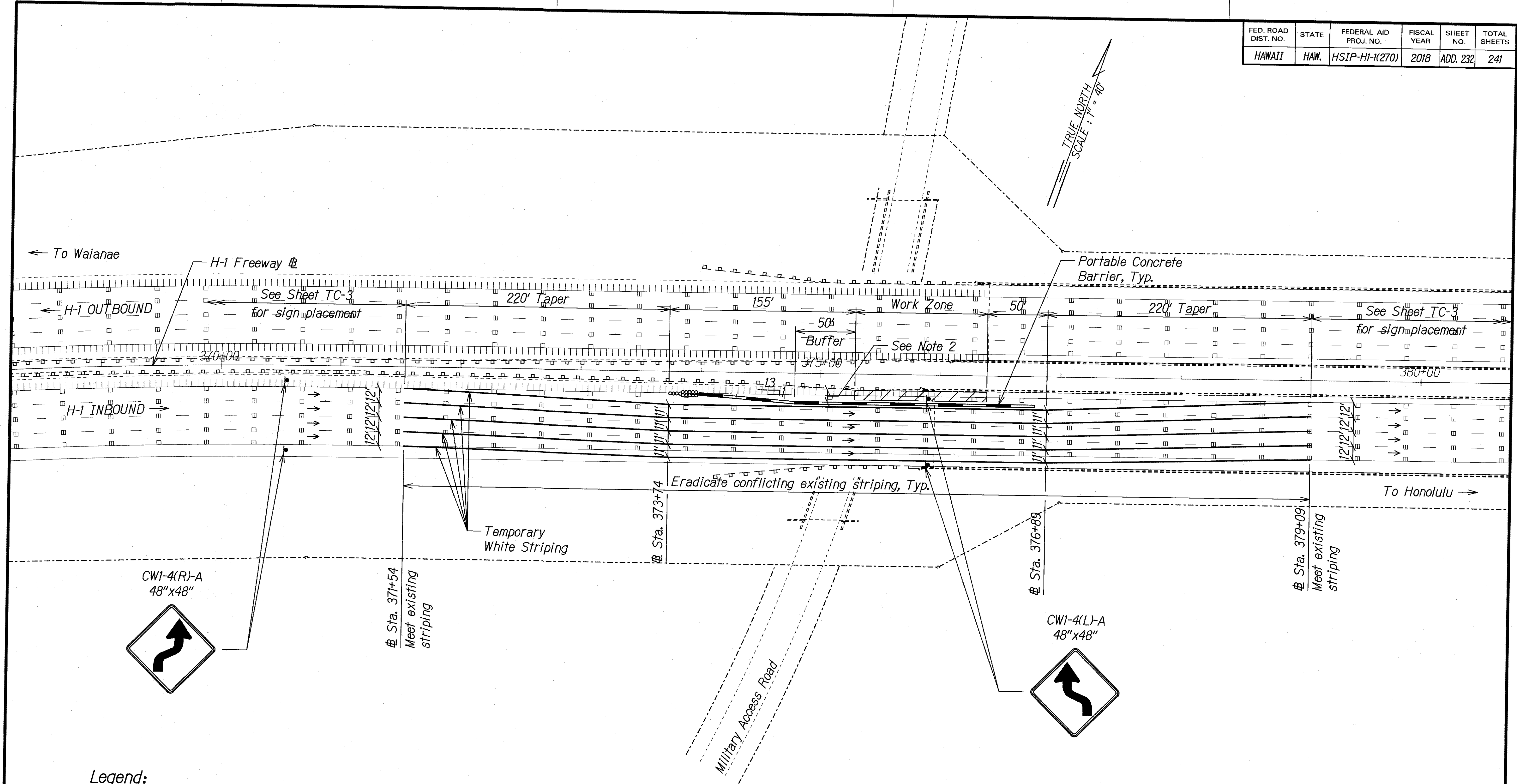
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
END POST 5C

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIKAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-K(270)	2018	ADD. 232	241



Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

NOTES:

- Contractor to cover existing "Shoulder Lane Ahead" signs for this on-ramp for the duration of the shoulder closure.
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

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Signature: *Gerald D. Andrade* Date: 04/30/20

EXPIRATION DATE OF THE LICENSE

10/25/18	△ Revised Legend
Date	Revision

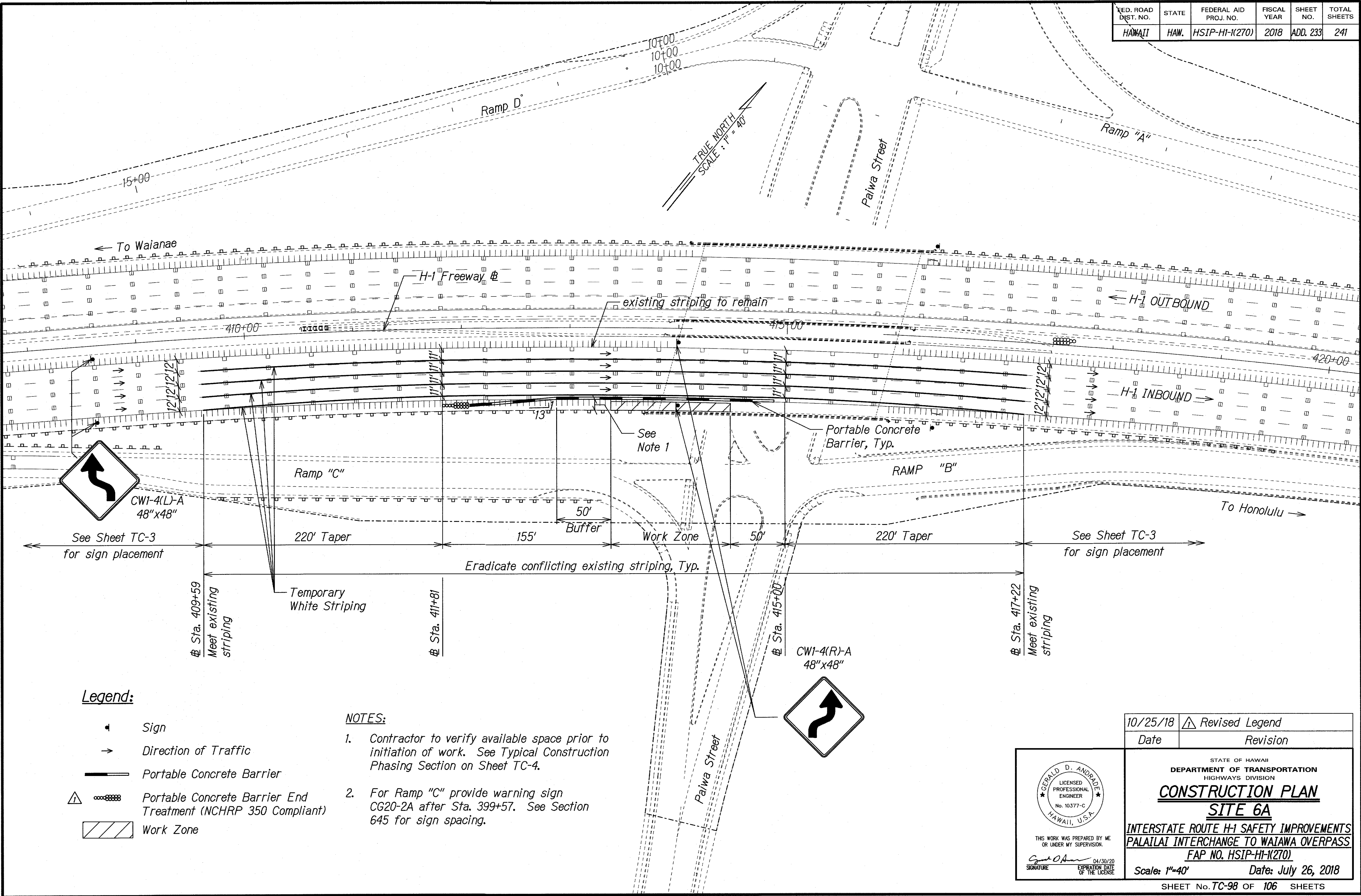
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
SITE 5D

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-K(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 233	241



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

Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

NOTES:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For Ramp "C" provide warning sign CG20-2A after Sta. 399+57. See Section 645 for sign spacing.

10/25/18	Revised Legend
Date	Revision

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Signature: *Gerald D. Andrade* 04/30/20
EXPIRATION DATE OF THE LICENSE

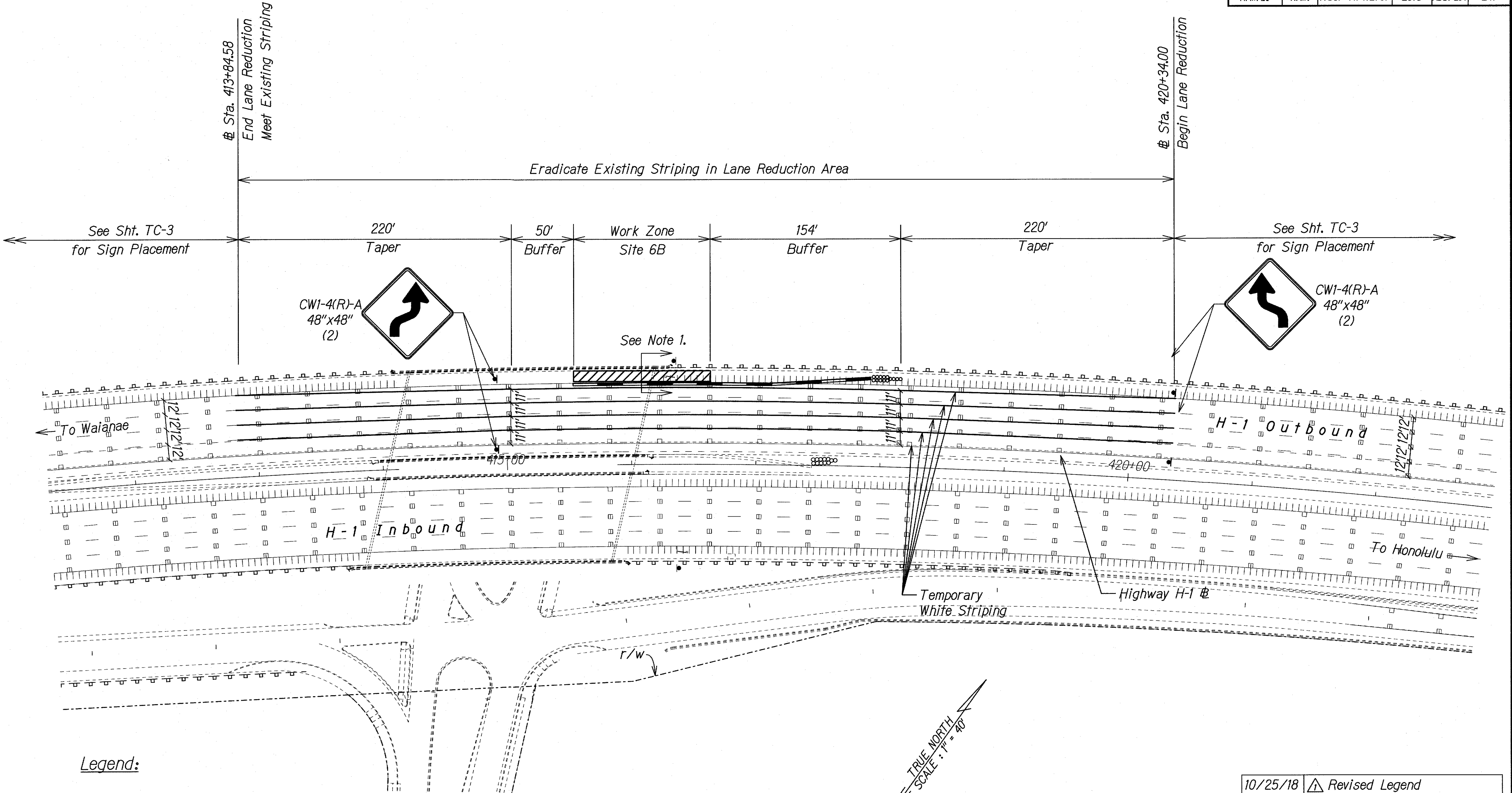
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
SITE 6A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 234	241



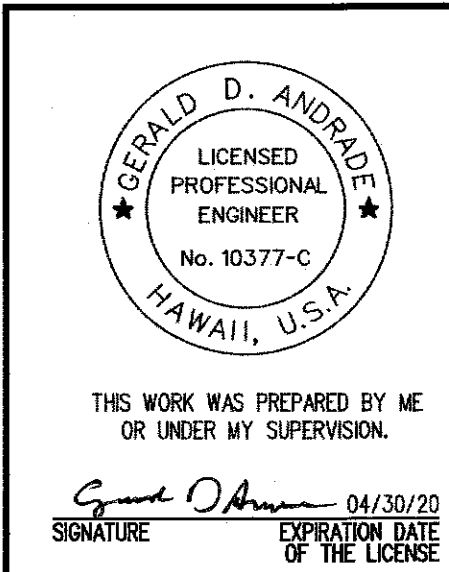
Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

NOTE:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For Off-Ramp "A" (Exit 7 Waialeale/Waipahu), provide construction advanced warning sign CG20-2A after Sta. 426+00. See Specification Section 645 for sign spacing.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	



10/25/18	Revised Legend
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

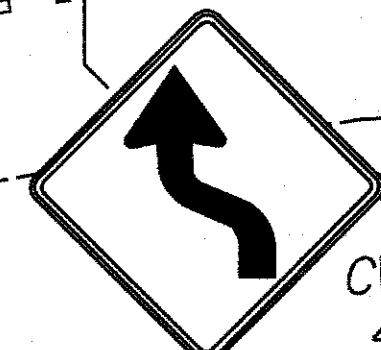
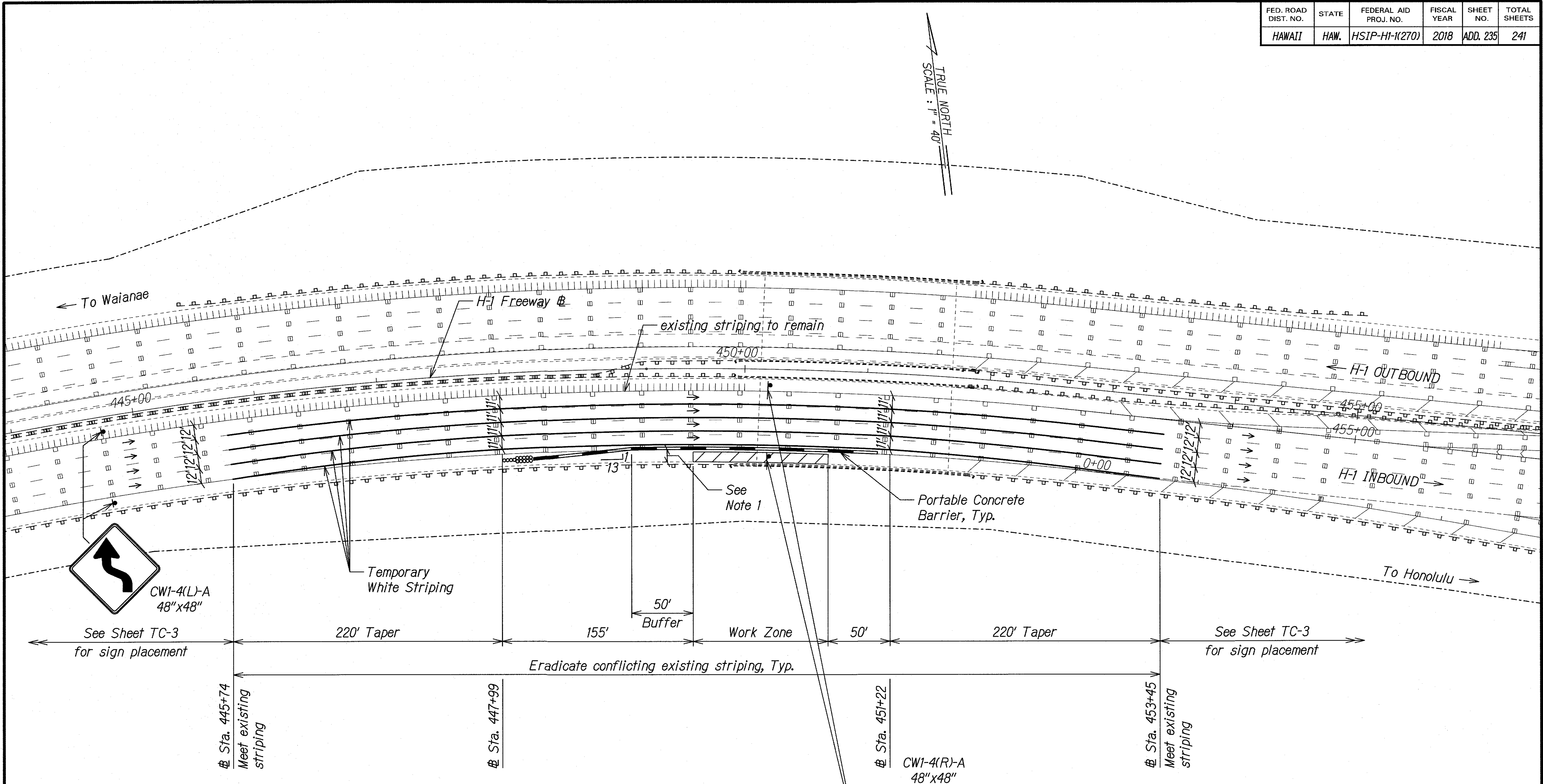
CONSTRUCTION PLAN
END POST 6B

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALILAI INTERCHANGE TO WAIKAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

SHEET No. TC-99 OF 106 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 235	241



Legend:

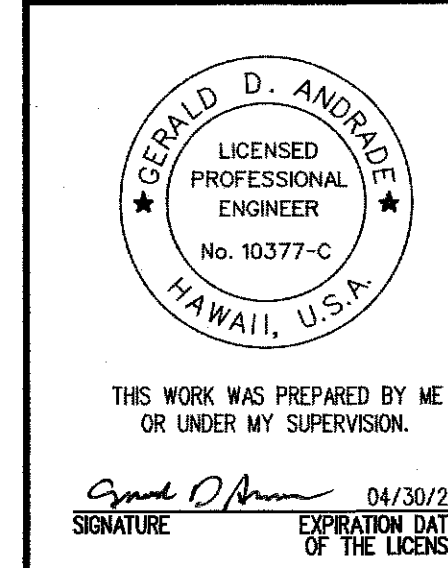
- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

NOTES:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For Ramp "B" provide advance warning signs CW20-1Ad and CW20-1A(d) before Sta. 425+39. See Section 645 for sign spacing.

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

10/25/18	Revised Legend
Date	Revision



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

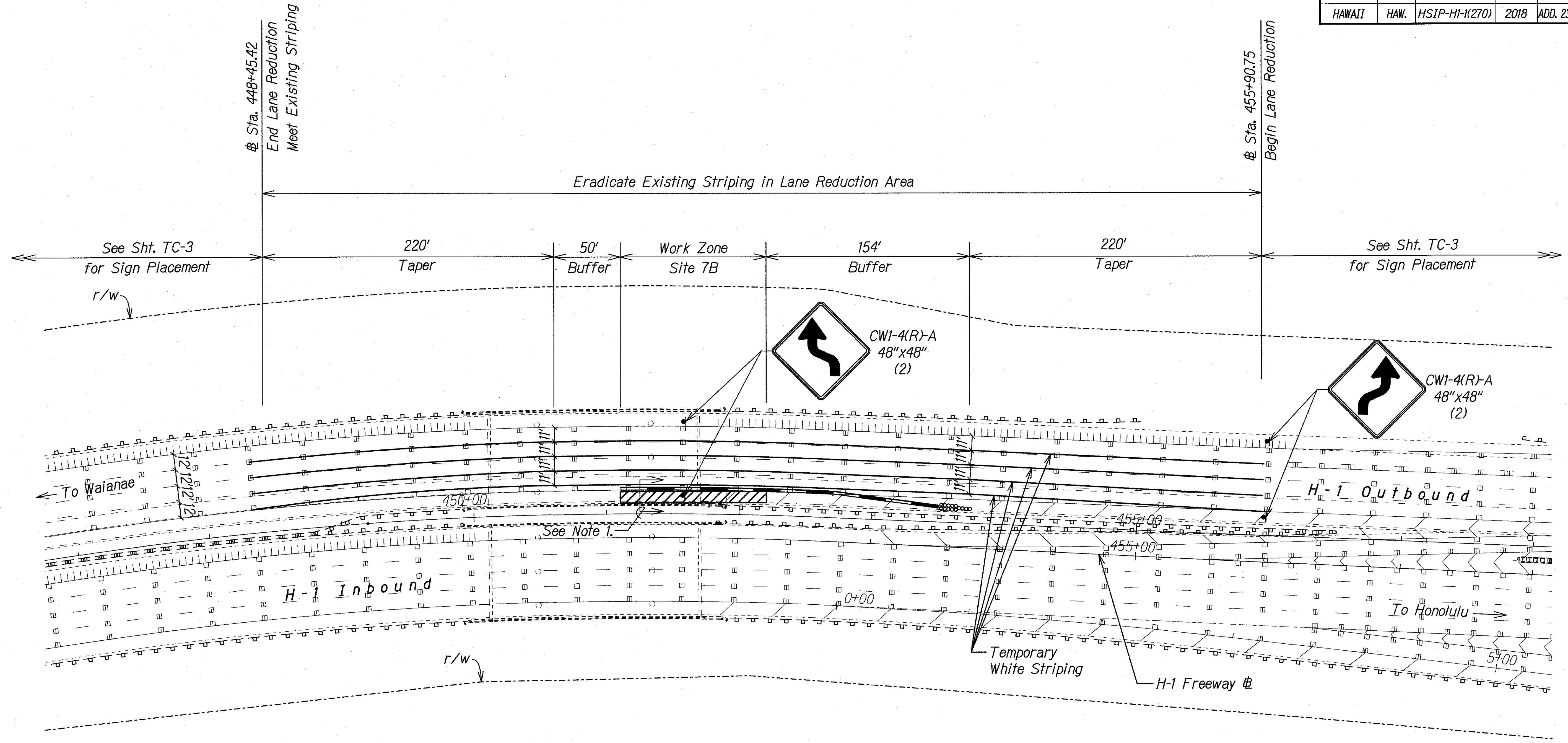
CONSTRUCTION PLAN
SITE 7A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIKAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

SHEET No. TC-100 OF 106 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-K(270)	2018	ADD. 236	241



- Legend:**
- Sign
 - Direction of Traffic
 - Portable Concrete Barrier
 - △ Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
 - ▨ Work Zone

- NOTE:**
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
 - For Off-Ramp "M" (H-2 Exit 1B H-1 West), provide construction advanced warning sign CW20-1Ad after Sta. 478+00. See Specification Section 645 for sign spacing.

TRUE NORTH
SCALE: 1"=40'

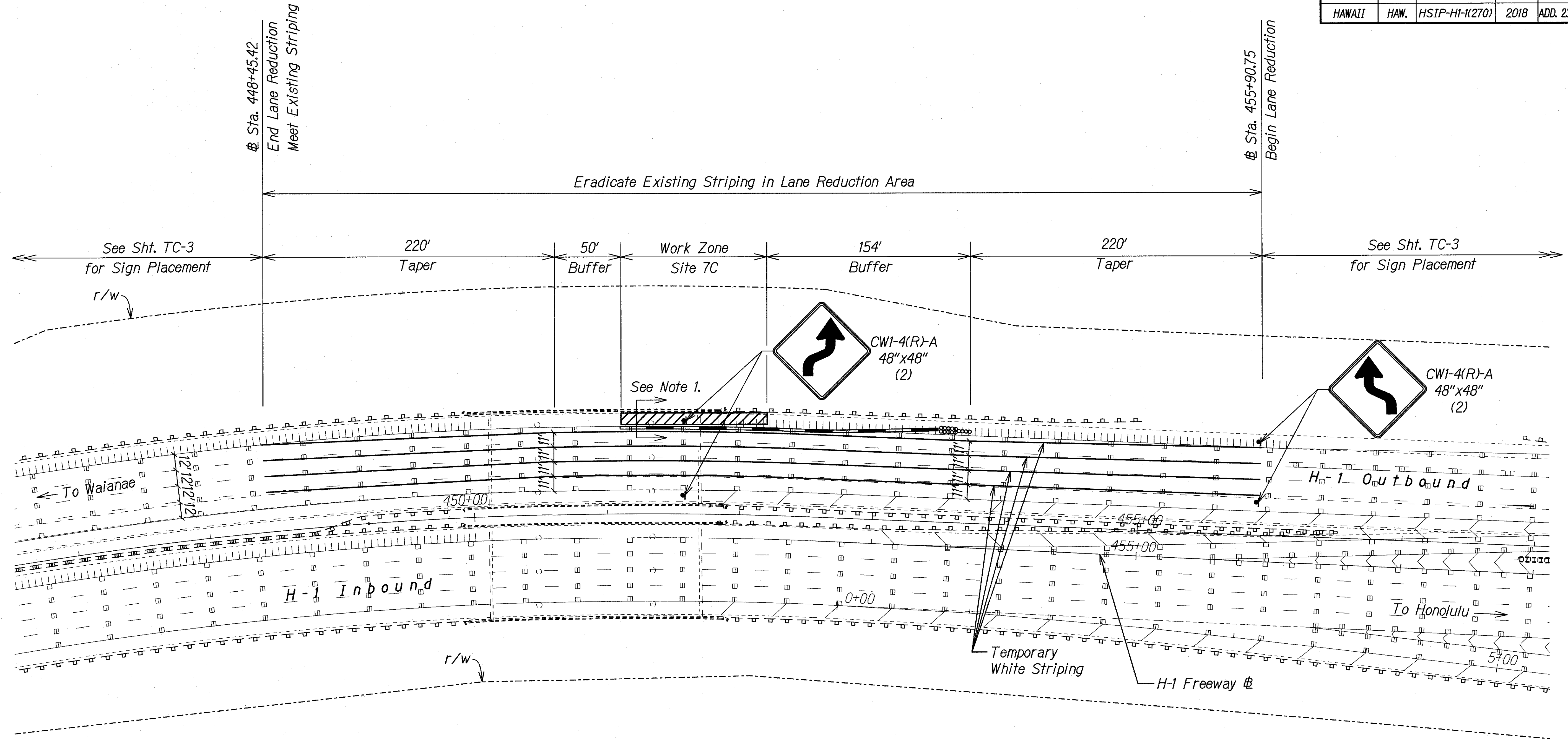
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
NOTE BOOK		
CHECKED BY		

10/25/18	△ Revised Legend
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CONSTRUCTION PLAN
END POST 7B
INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-K(270)
Scale: 1"=40' Date: July 26, 2018
SHEET No. TC-101 OF 106 SHEETS

GERALD D. ANDRADO
LICENSED PROFESSIONAL ENGINEER
No. 10377-C
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE: *Gerald D. Andrado* EXPIRATION DATE OF THE LICENSE: 04/30/20

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 237	241



Legend:

- ▲ Sign
- Direction of Traffic
- Portable Concrete Barrier
- ▲ ——— Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- ▨ Work Zone

NOTE:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For Off-Ramp "M" (H-2 Exit 1B H-1 West), provide construction advanced warning sign CW20-1Ad after Sta. 405+00. See Specification Section 645 for sign spacing.

TRUE NORTH
SCALE: 1"=40'

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

10/25/18	Revised Legend
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* Date: 04/30/20

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN

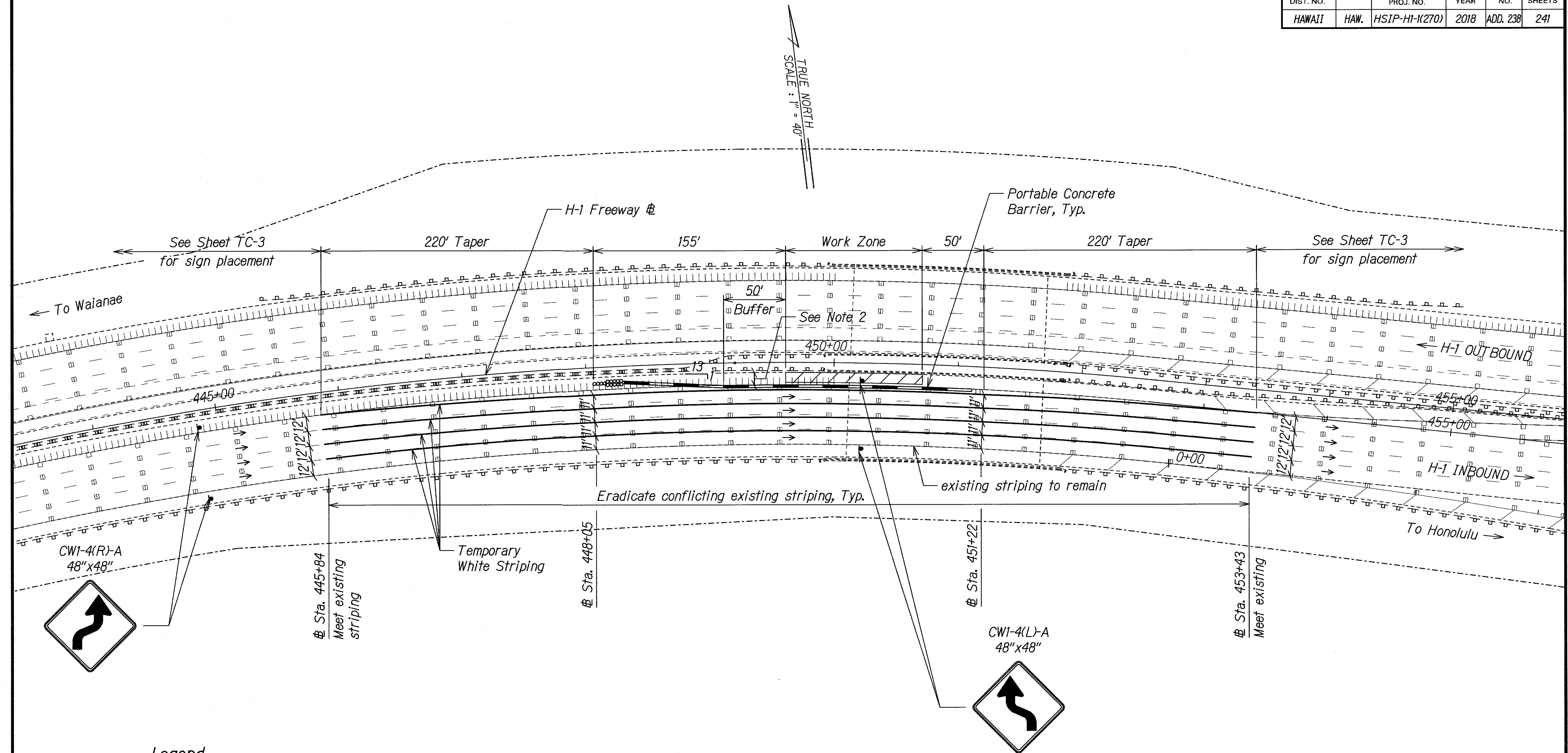
END POST 7C

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

SHEET No. TC-102 OF 106 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 238	241



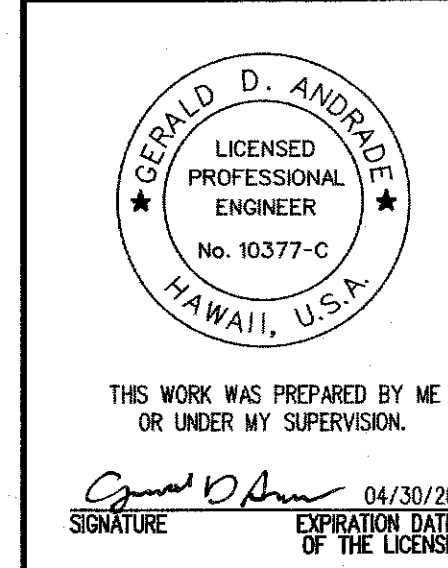
Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- △ ○○○○ Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- ▨ Work Zone

NOTES:

- Contractor to cover existing "Shoulder Lane Ahead" signs for this on-ramp for the duration of the shoulder closure.
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For Ramp "B" provide advance warning signs CW20-1Ad and CW20-1A(d) before Sta. 425+53. See Section 645 for sign spacing.

10/25/18	△ Revised Legend
Date	Revision



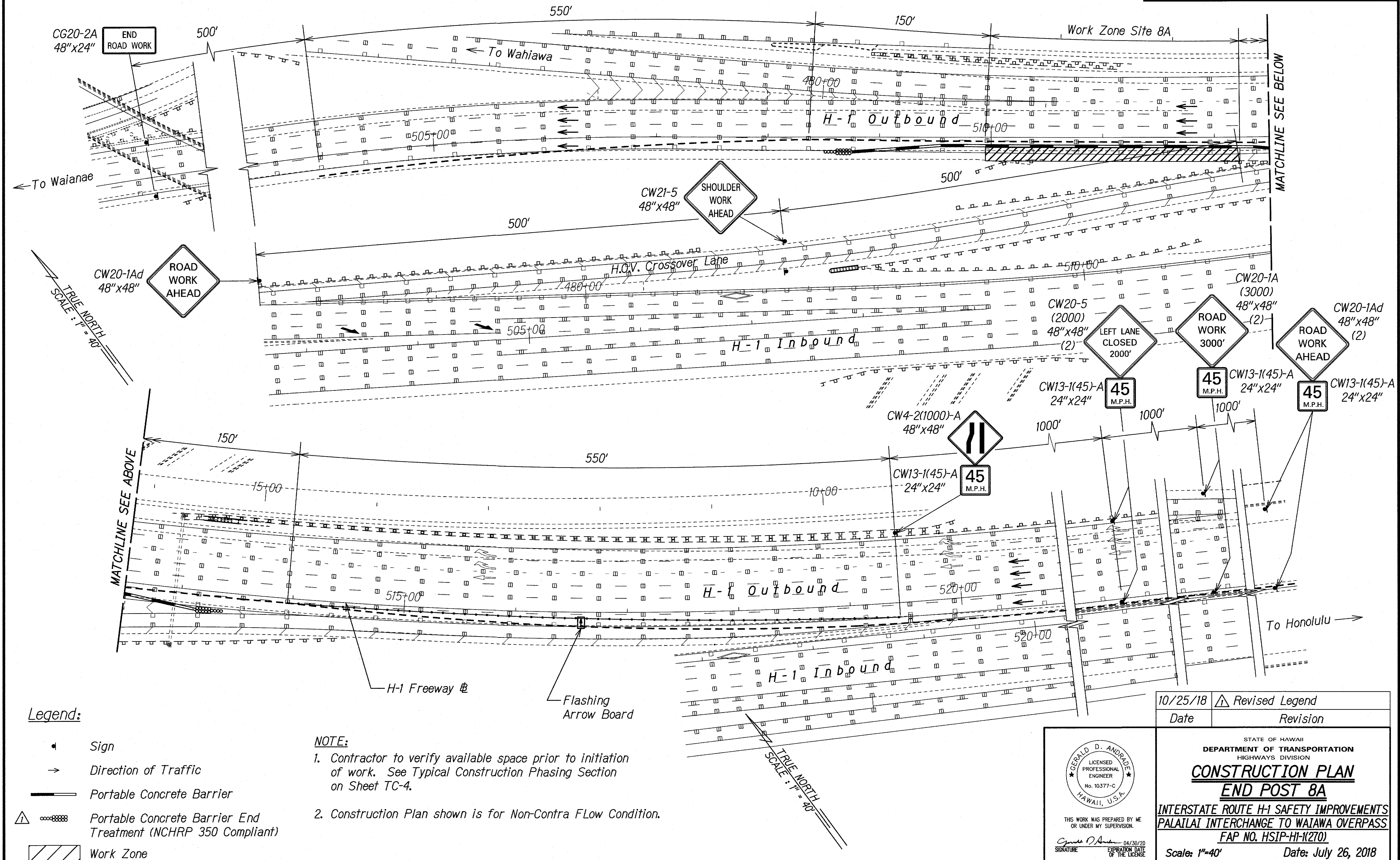
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
SITE 7D

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIKAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 239	241



Legend:

- Sign
- Direction of Traffic
- Portable Concrete Barrier
- Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- Work Zone

NOTE:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- Construction Plan shown is for Non-Contra Flow Condition.

Date	Revision
10/25/18	Revised Legend

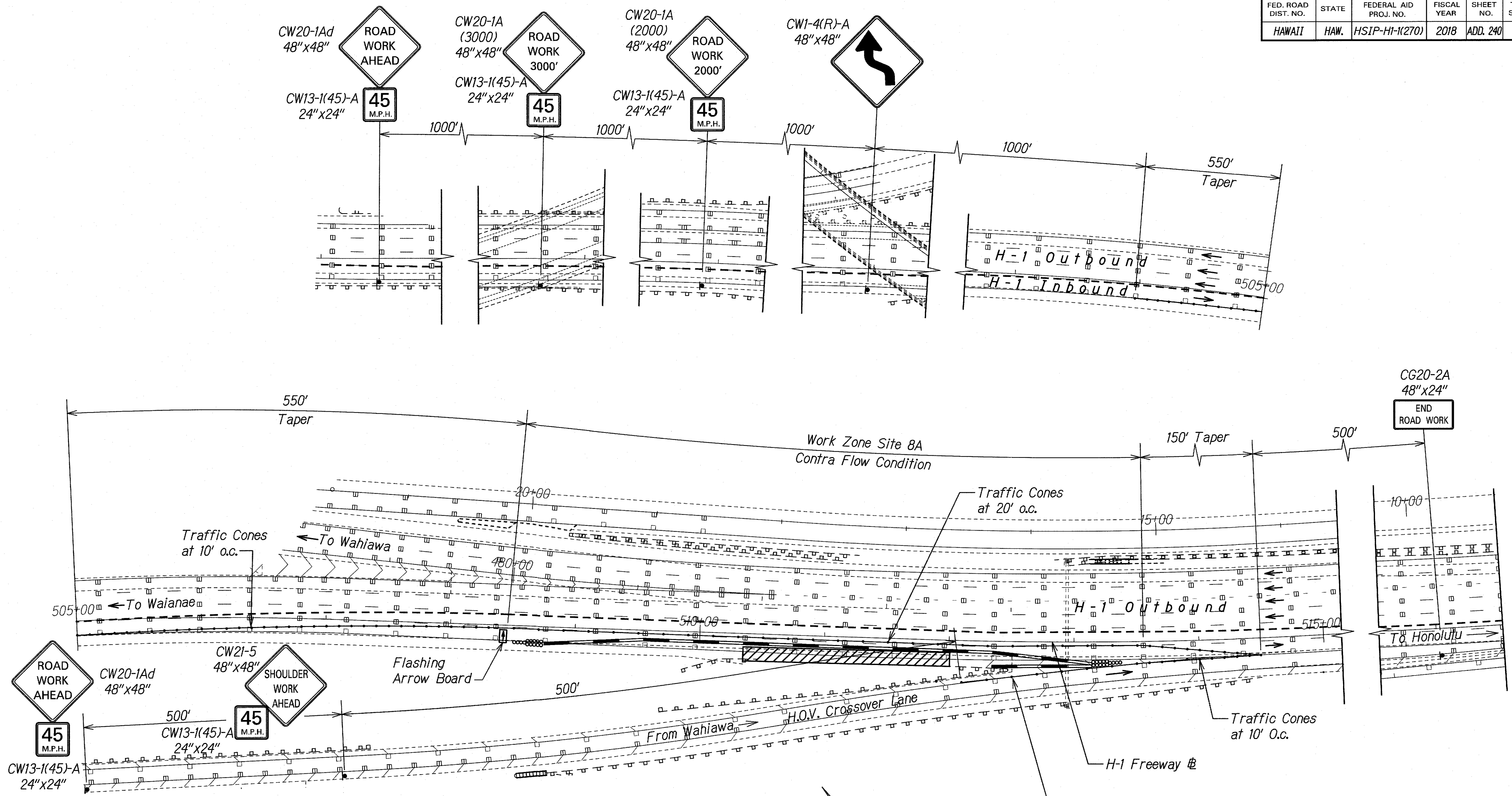
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

 Signature: *Gerald D. Andradottir*

 EXPIRATION DATE OF THE LICENSE: 04/30/20

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CONSTRUCTION PLAN
END POST 8A
 INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
 PALAILAI INTERCHANGE TO WAIAWA OVERPASS
 FAP NO. HSIP-HI-1(270)
 Scale: 1"=40' Date: July 26, 2018

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 240	241



- Legend:**
- ▲ Sign
 - Direction of Traffic
 - Portable Concrete Barrier
 - △ ○○○○ Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
 - ▨ Work Zone
- NOTE:**
- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.

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

10/25/18

Date

△ Revised Legend

Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* 04/30/20

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

CONSTRUCTION PLAN

END POST 8A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS

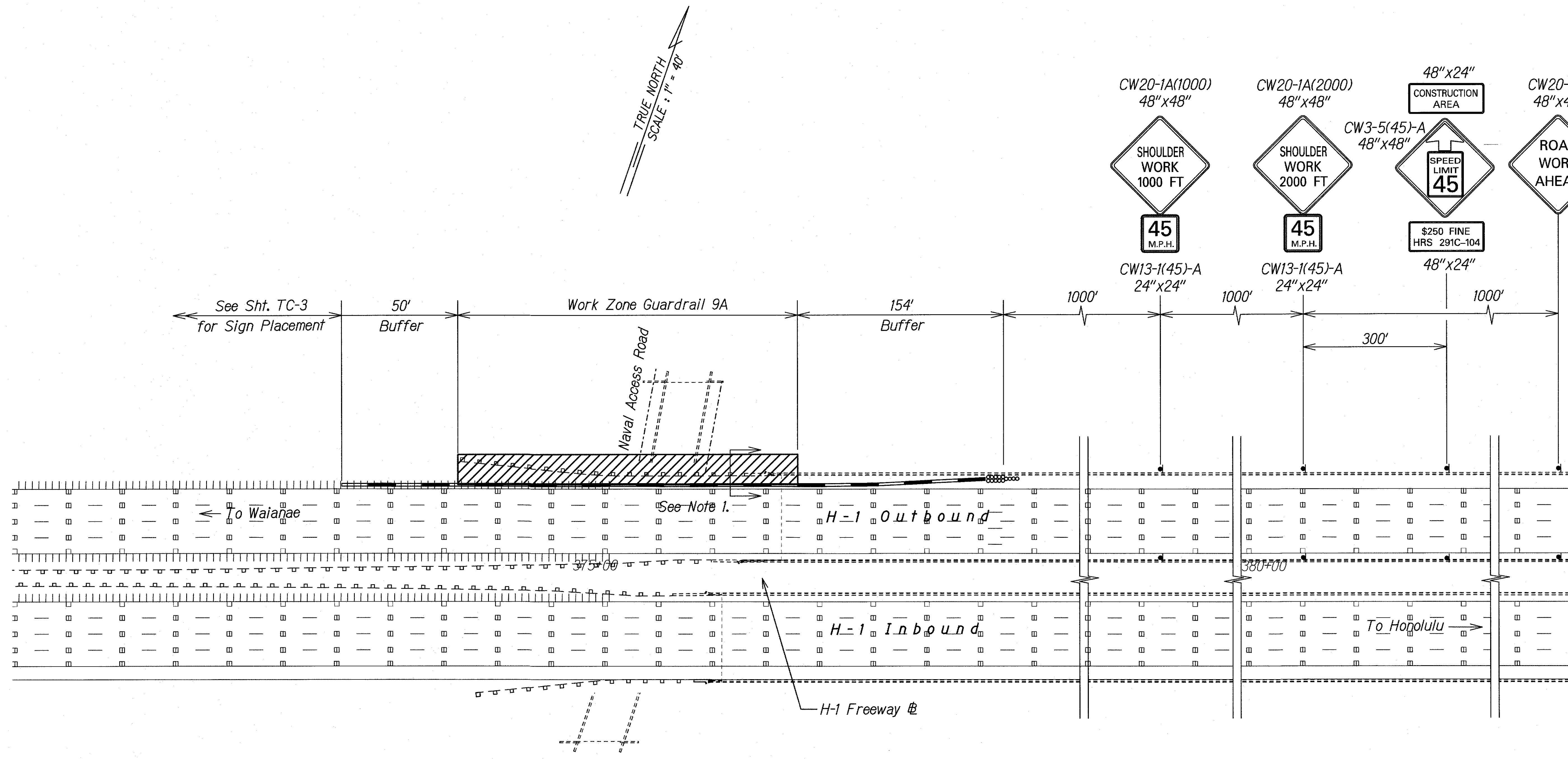
PALAILAI INTERCHANGE TO WAIAWA OVERPASS

FAP NO. HSIP-HI-K270J

Scale: 1"=40' Date: July 26, 2018

SHEET No. TC-105 OF 106 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	ADD. 241	241



Legend:

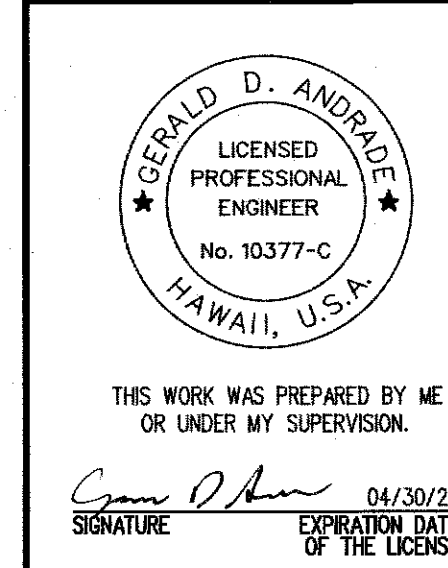
- Sign
- Direction of Traffic
- Portable Concrete Barrier
- △ ○○○○ Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)
- ▨ Work Zone

NOTE:

- Contractor to verify available space prior to initiation of work. See Typical Construction Phasing Section on Sheet TC-4.
- For On-Ramp "D" provide construction advanced warning sign CW20-1Ad Sta. 12+50. See Specification Section 645 for sign spacing.

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

10/25/18	△ Revised Legend
Date	Revision



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PLAN
GUARDRAIL 9A

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIKAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=40' Date: July 26, 2018