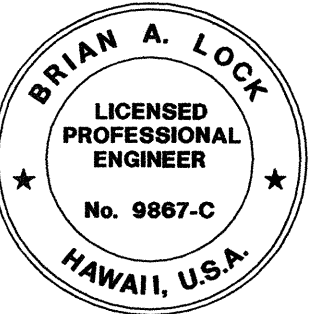
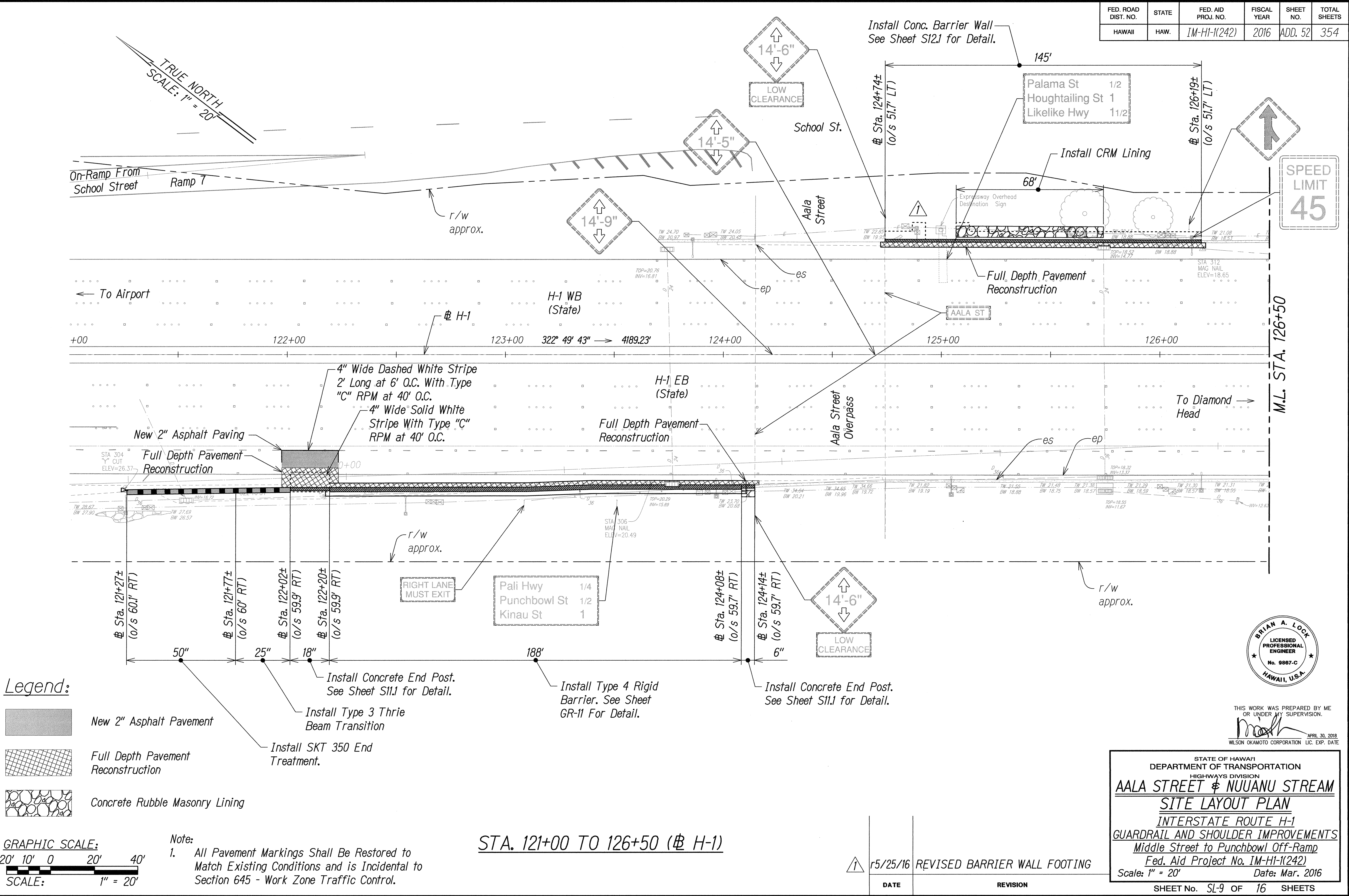
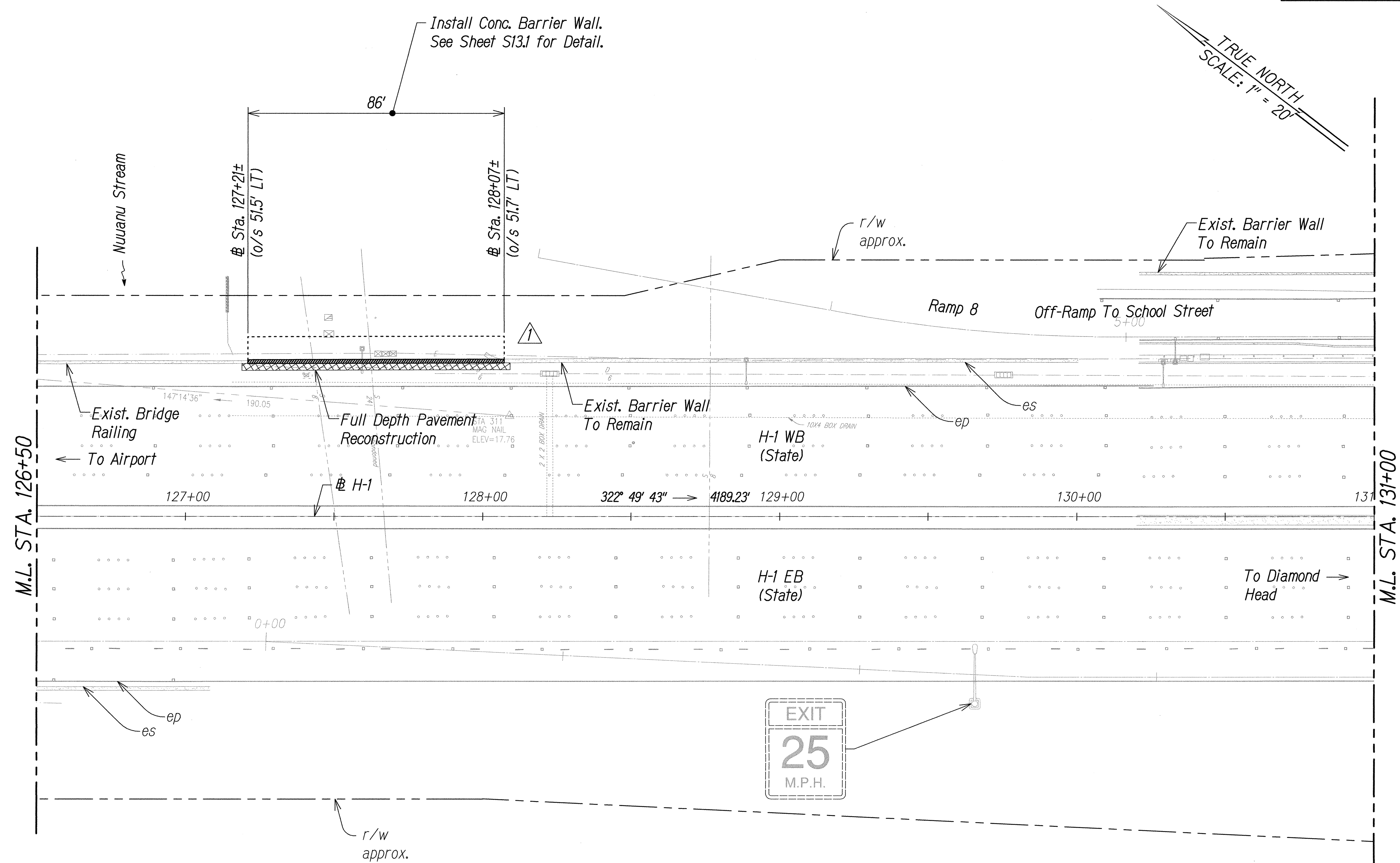


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 52	354



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[Signature]
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

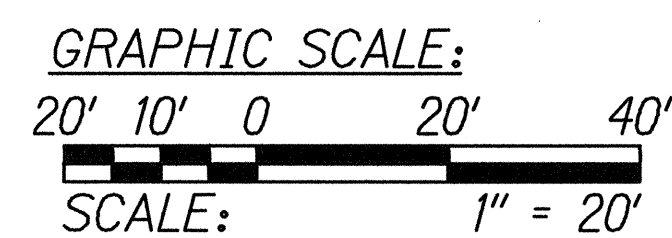
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 53	354



Legend:

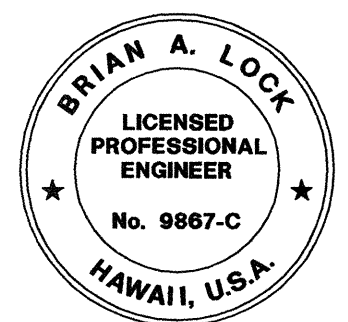
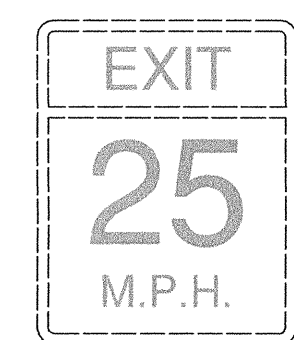
New 2" Asphalt Pavement

Full Depth Pavement Reconstruction



Note:
 1. All Pavement Markings Shall Be Restored to Match Existing Conditions and is Incidental to Section 645 - Work Zone Traffic Control.

STA. 126+50 TO 131+00 (# H-1)



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[Signature]
 WILSON OKAMOTO CORPORATION LIC. EXP. DATE

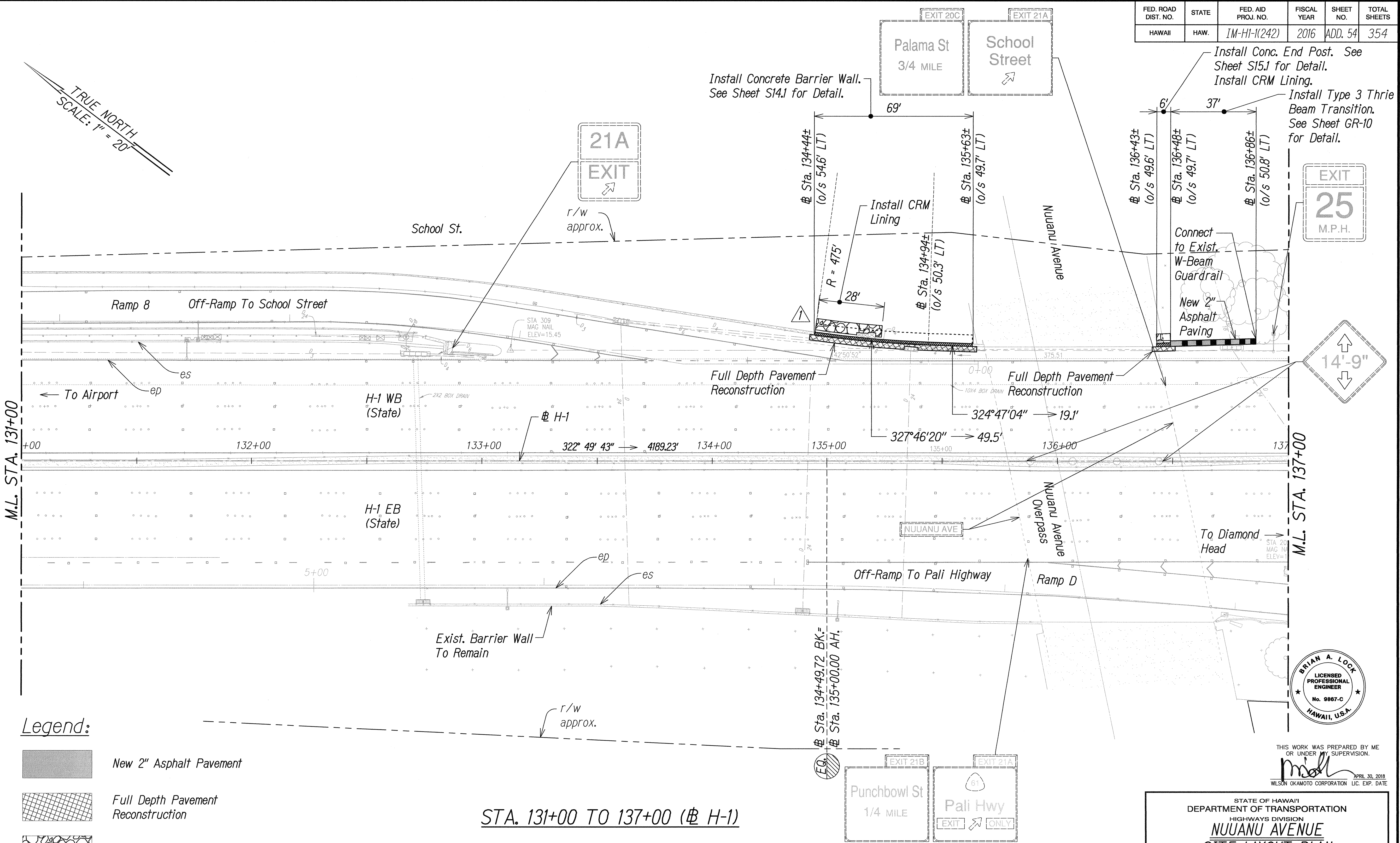
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
AALA STREET & NUUANU STREAM
SITE LAYOUT PLAN
 INTERSTATE ROUTE H-1
 GUARDRAIL AND SHOULDER IMPROVEMENTS
 Middle Street to Punchbowl Off-Ramp
 Fed. Aid Project No. IM-HI-1(242)
 Scale: 1" = 20' Date: Mar. 2016

SHEET No. **SL-10** OF **16** SHEETS

	r5/25/16	REVISED BARRIER WALL FOOTING
	DATE	REVISION

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

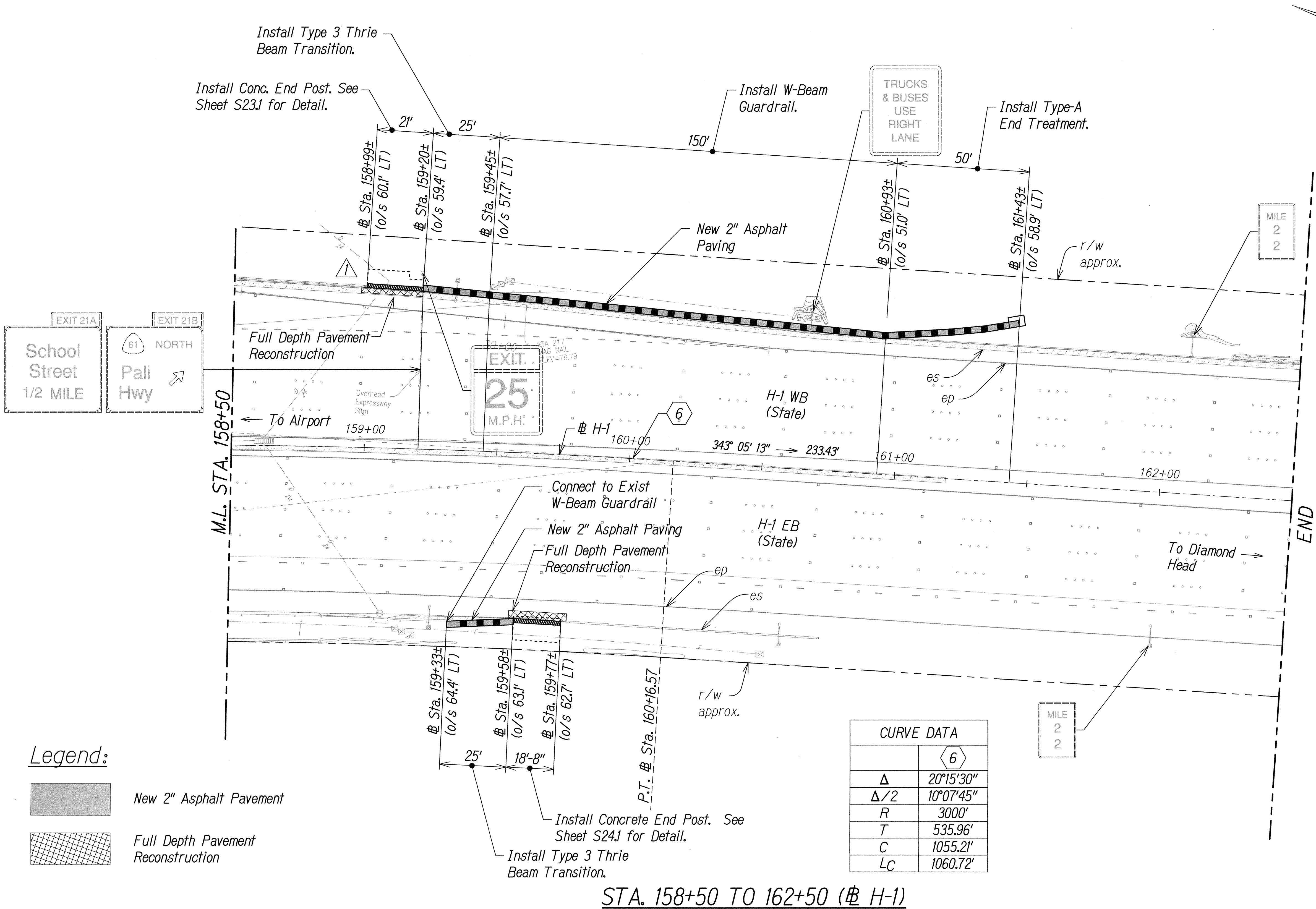
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 54	354



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
NUUANU AVENUE
SITE LAYOUT PLAN
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-HI-1(242)
Scale: 1" = 20' Date: Mar. 2016
SHEET No. SL-11 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 59	354



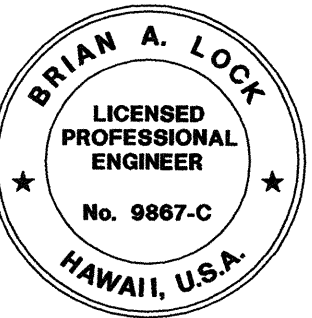
DATE	
SURVEY PLANNED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

GRAPHIC SCALE:
20' 10' 0 20' 40'
SCALE: 1" = 20'

Note:
1. All Pavement Markings Shall Be Restored to Match Existing Conditions and is Incidental to Section 645 - Work Zone Traffic Control.

1 r5/25/16 REVISED BARRIER WALL FOOTING AND GUARDRAIL ALIGNMENT

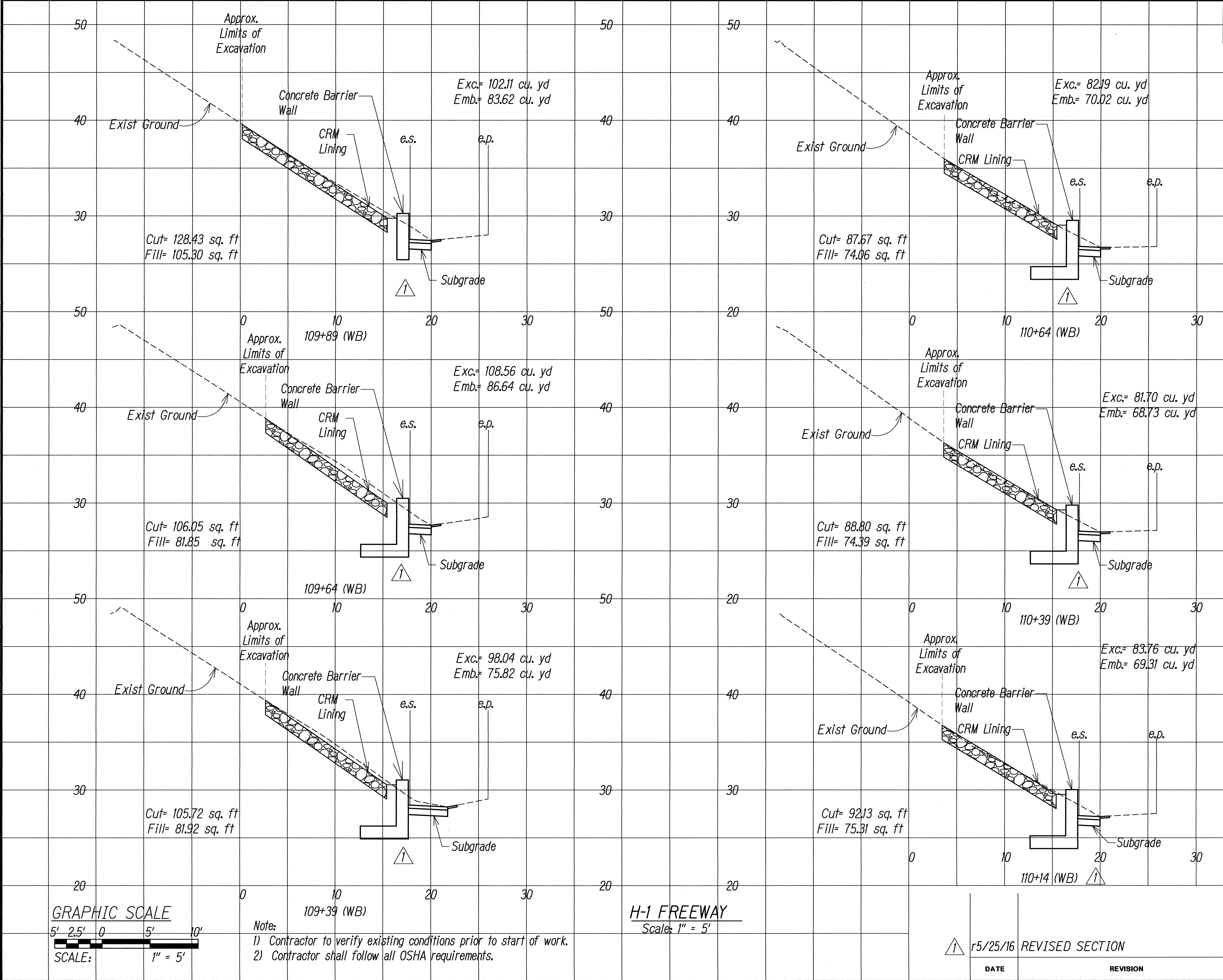
DATE REVISION



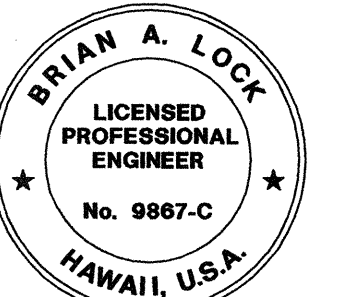
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PALI HIGHWAY OVERPASS
SITE LAYOUT PLAN
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-HI-1(242)
Scale: 1" = 20' Date: Mar. 2016
SHEET No. SL-16 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 79	354



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	



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ma
 WILSON OKAMOTO CORPORATION LIC. EXP. DATE

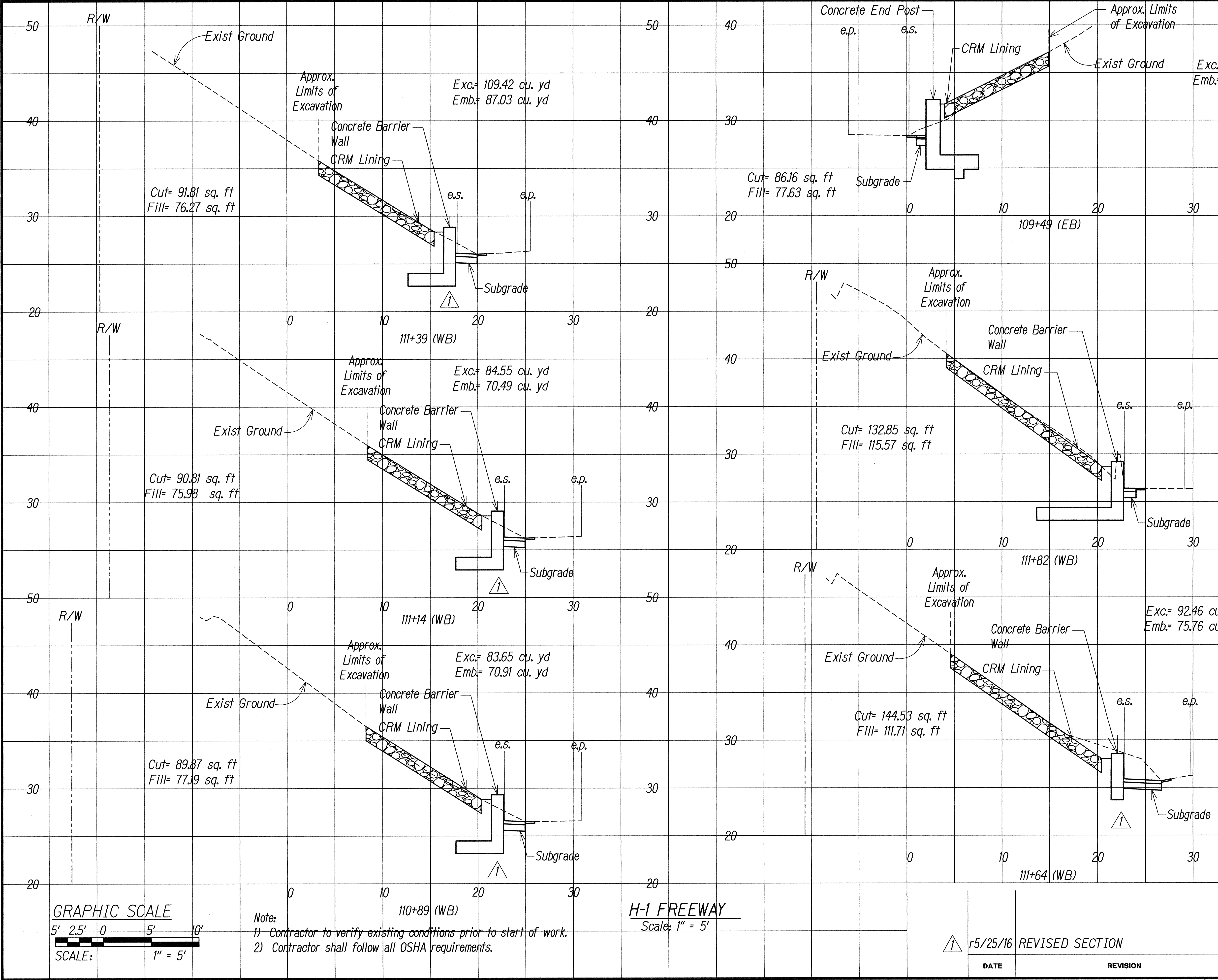
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY CROSS SECTION

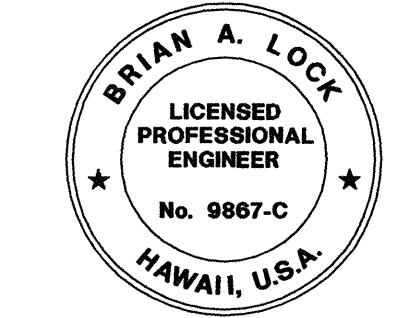
INTERSTATE ROUTE H-1
 GUARDRAIL AND SHOULDER IMPROVEMENTS
 Middle Street to Punchbowl Off-Ramp
 Fed. Aid Project No. IM-HI-1(242)
 Scale: 1" = 5' Date: Mar. 2016

SHEET No. RS-3 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 80	354



DATE	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY
NO.	DESIGNED BY	CHECKED BY



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 WILSON OKAMOTO CORPORATION LIC. EXP. DATE

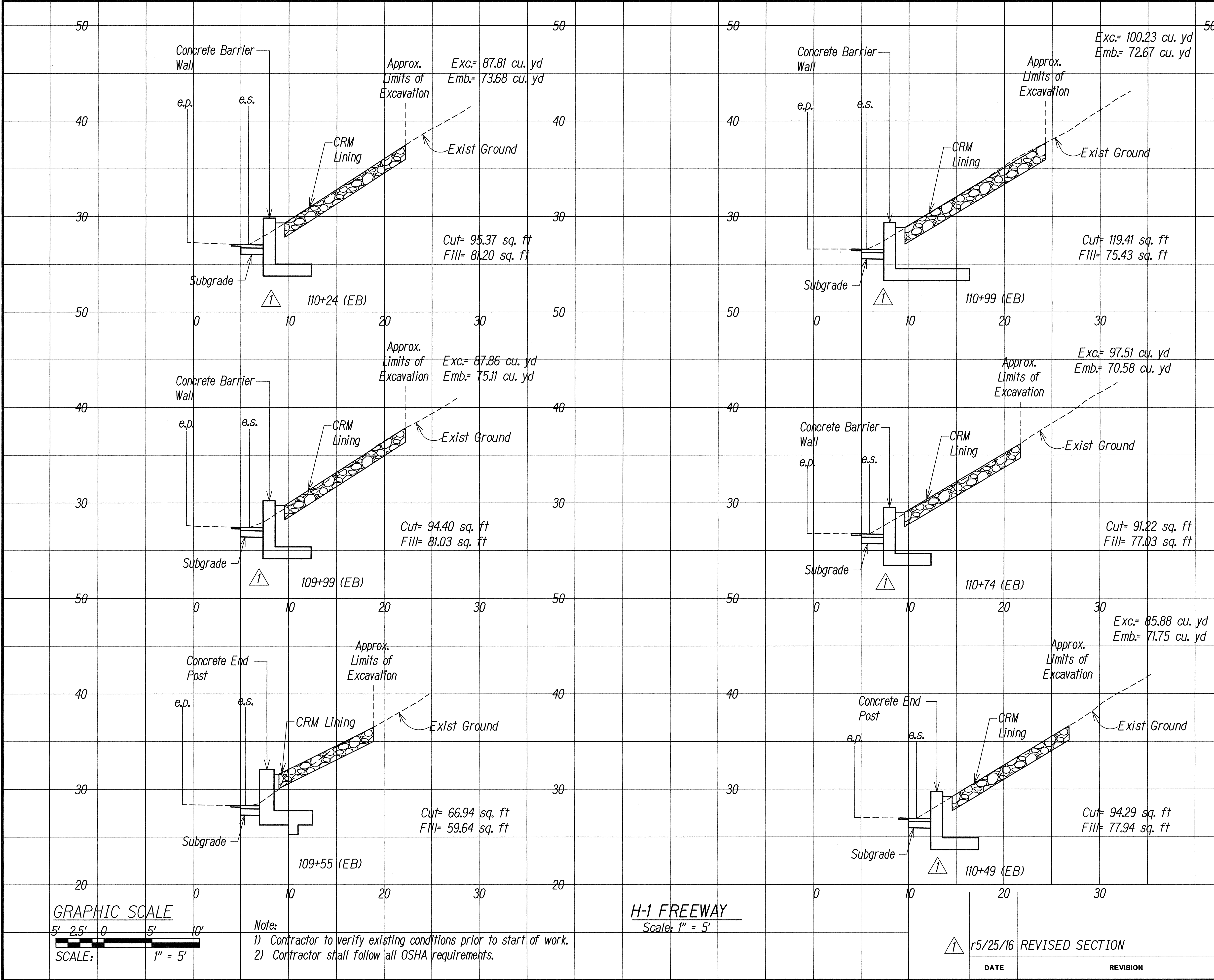
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY CROSS SECTION

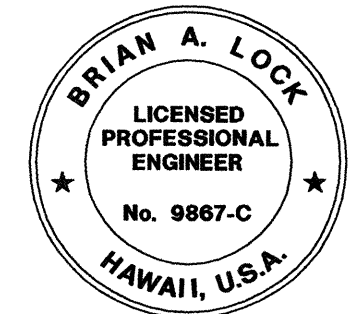
INTERSTATE ROUTE H-1
 GUARDRAIL AND SHOULDER IMPROVEMENTS
 Middle Street to Punchbowl Off-Ramp
 Fed. Aid Project No. IM-HI-1(242)
 Scale: 1" = 5' Date: Mar. 2016

SHEET No. RS-4 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 81	354



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

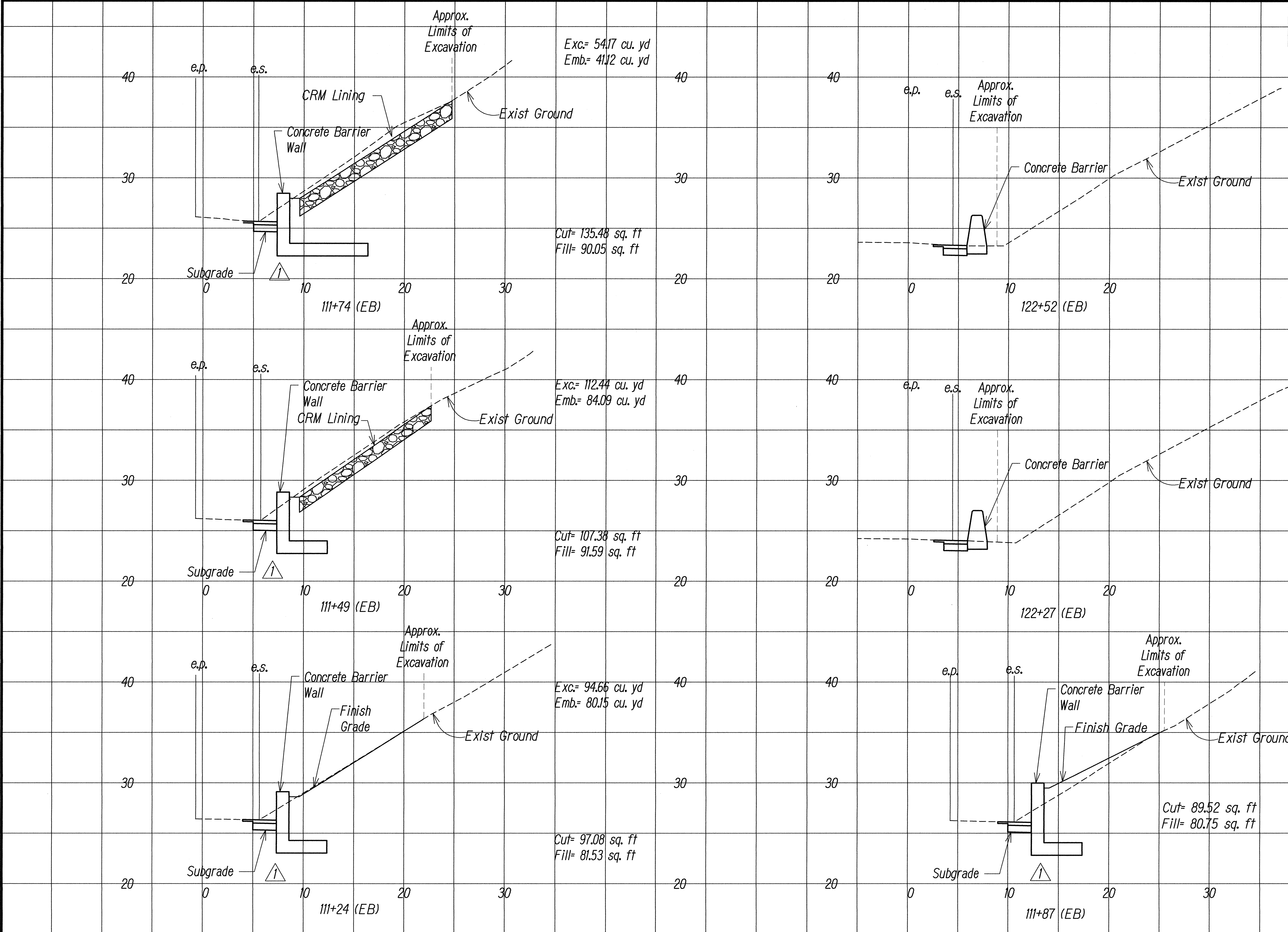


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 OR UNDER MY SUPERVISION.
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 WILSON OKAMOTO CORPORATION LIC. EXP. DATE

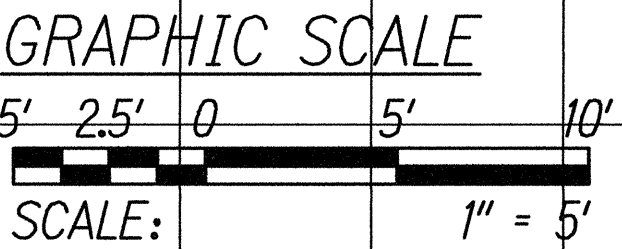
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY CROSS SECTION
 INTERSTATE ROUTE H-1
 GUARDRAIL AND SHOULDER IMPROVEMENTS
 Middle Street to Punchbowl Off-Ramp
 Fed. Aid Project No. IM-HI-1(242)
 Scale: 1" = 5' Date: Mar. 2016
 SHEET No. RS-5 OF 16 SHEETS

DATE REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 82	354



ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	

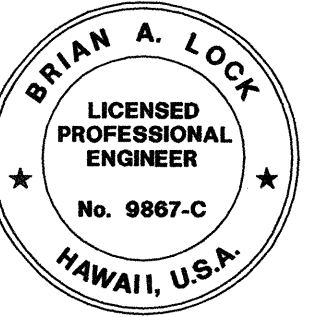


Note:
1) Contractor to verify existing conditions prior to start of work.
2) Contractor shall follow all OSHA requirements.

H-1 FREEWAY
Scale: 1" = 5'

△ r5/25/16 REVISED SECTION

DATE	REVISION
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[Signature]
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

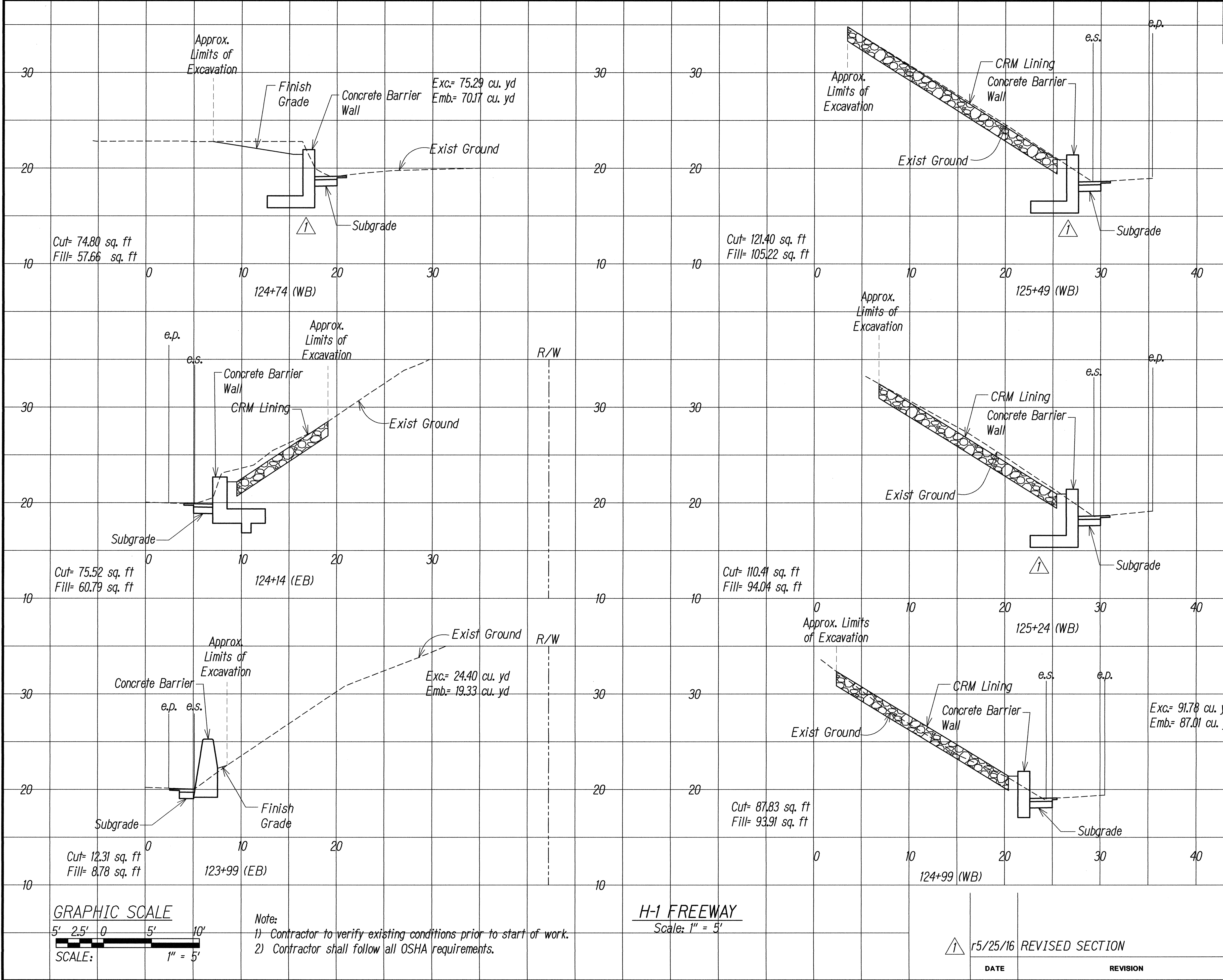
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CROSS SECTION

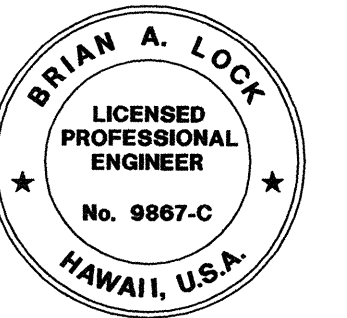
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-HI-1(242)
Scale: 1" = 5' Date: Mar. 2016

SHEET No. RS-6 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 84	354



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



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

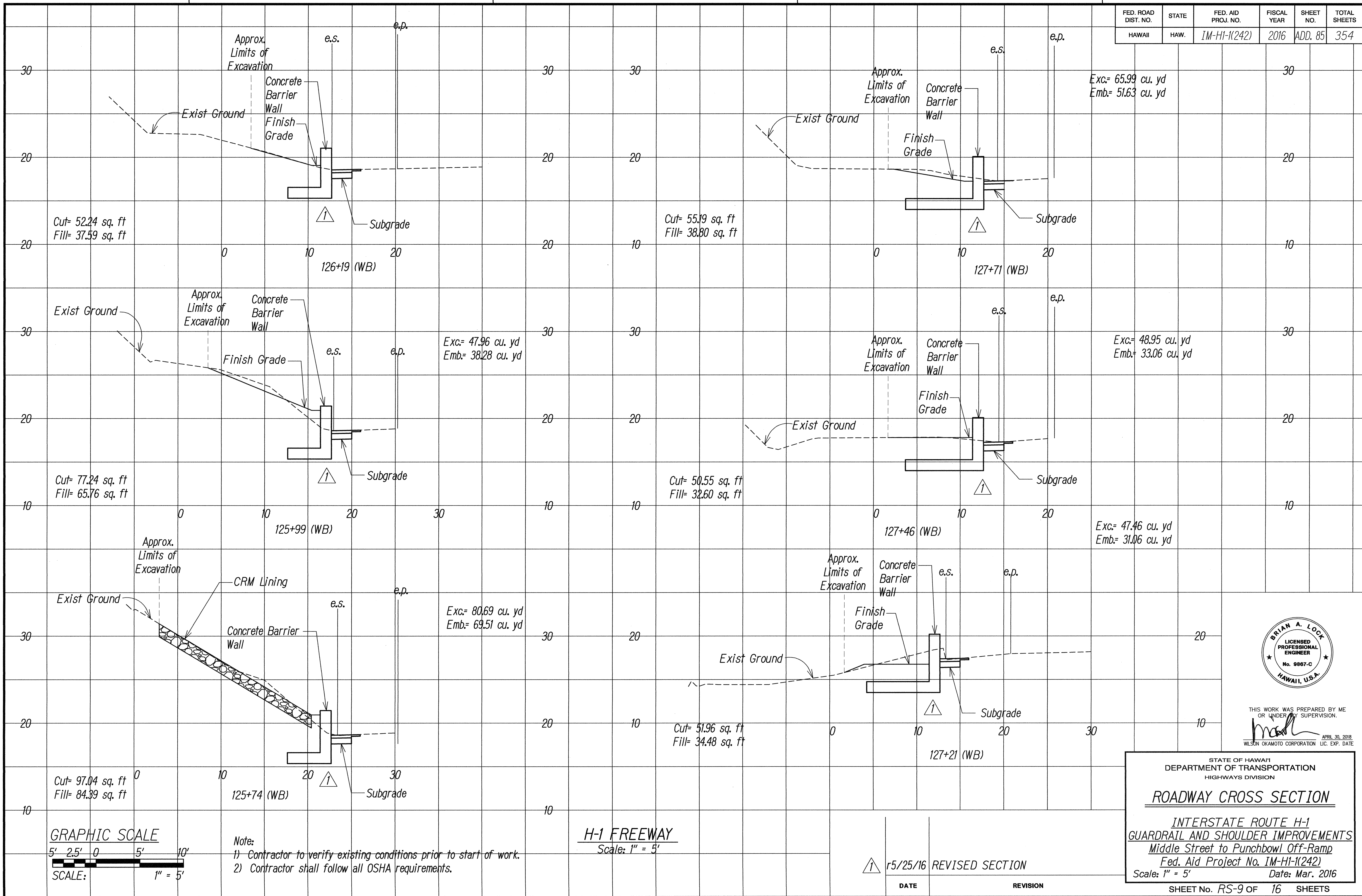
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CROSS SECTION

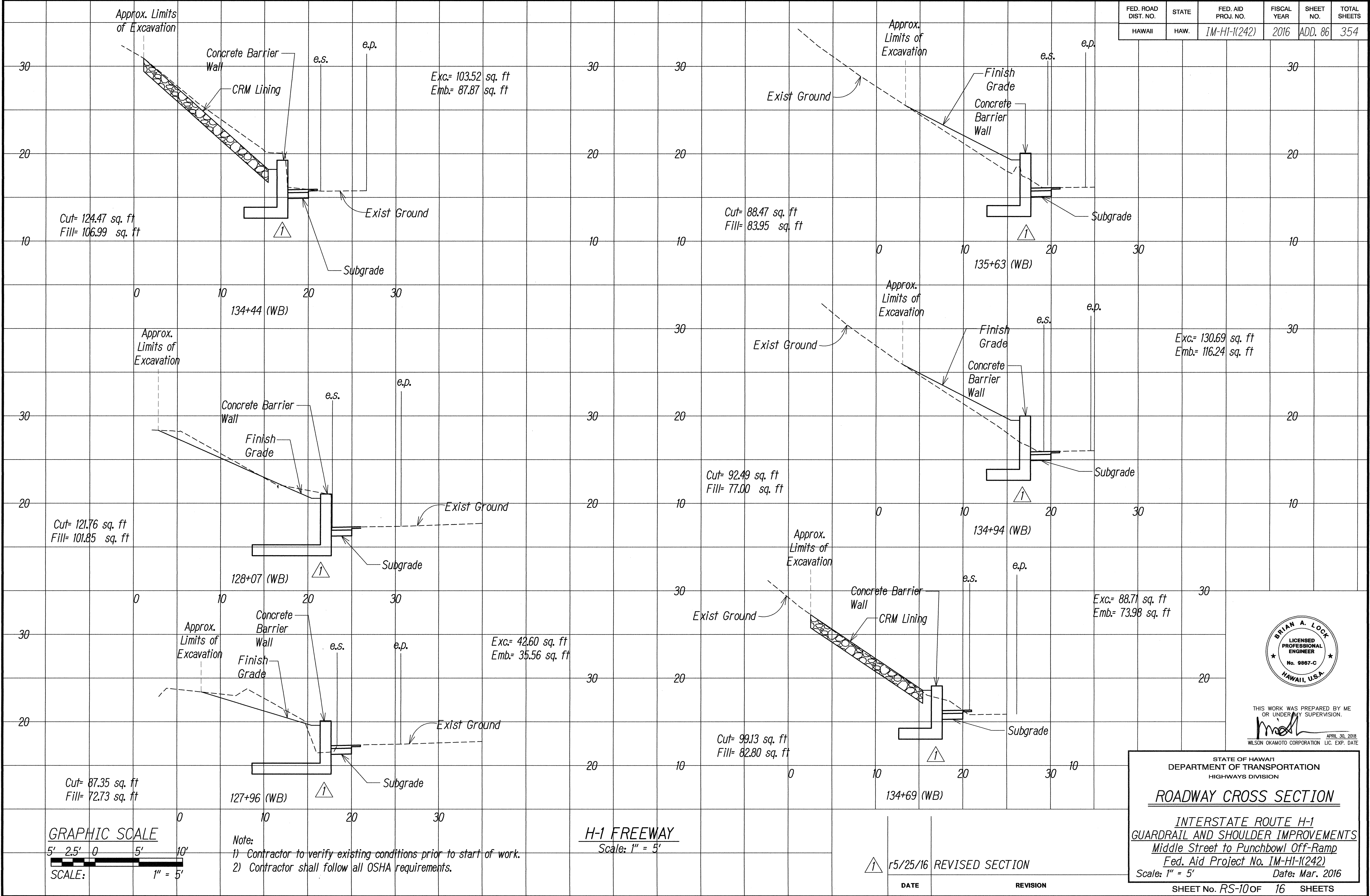
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-HI-1(242)
Scale: 1" = 5' Date: Mar. 2016

SHEET No. RS-8 OF 16 SHEETS

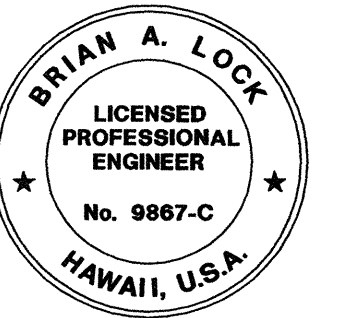
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 85	354



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 86	354



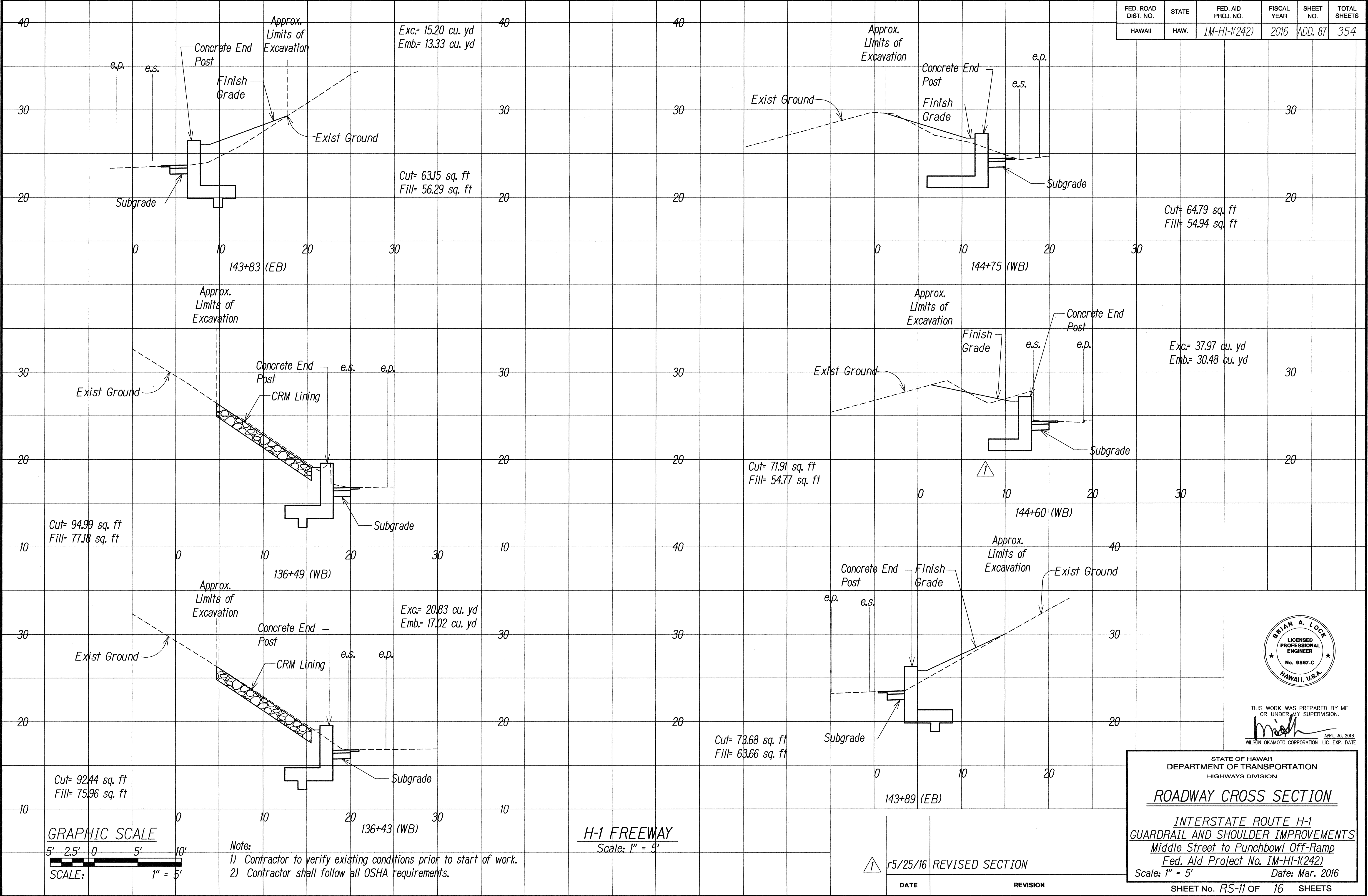
ORIGINAL PLAN	DATE
SURVEY DICTATED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	



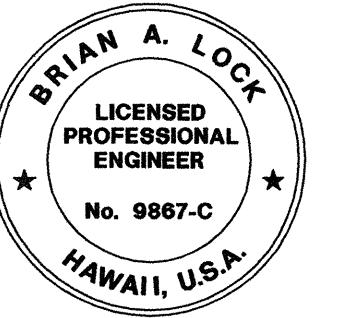
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Wilson Okamoto
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 87	354



DESIGNED BY	DATE
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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OR UNDER MY SUPERVISION.
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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

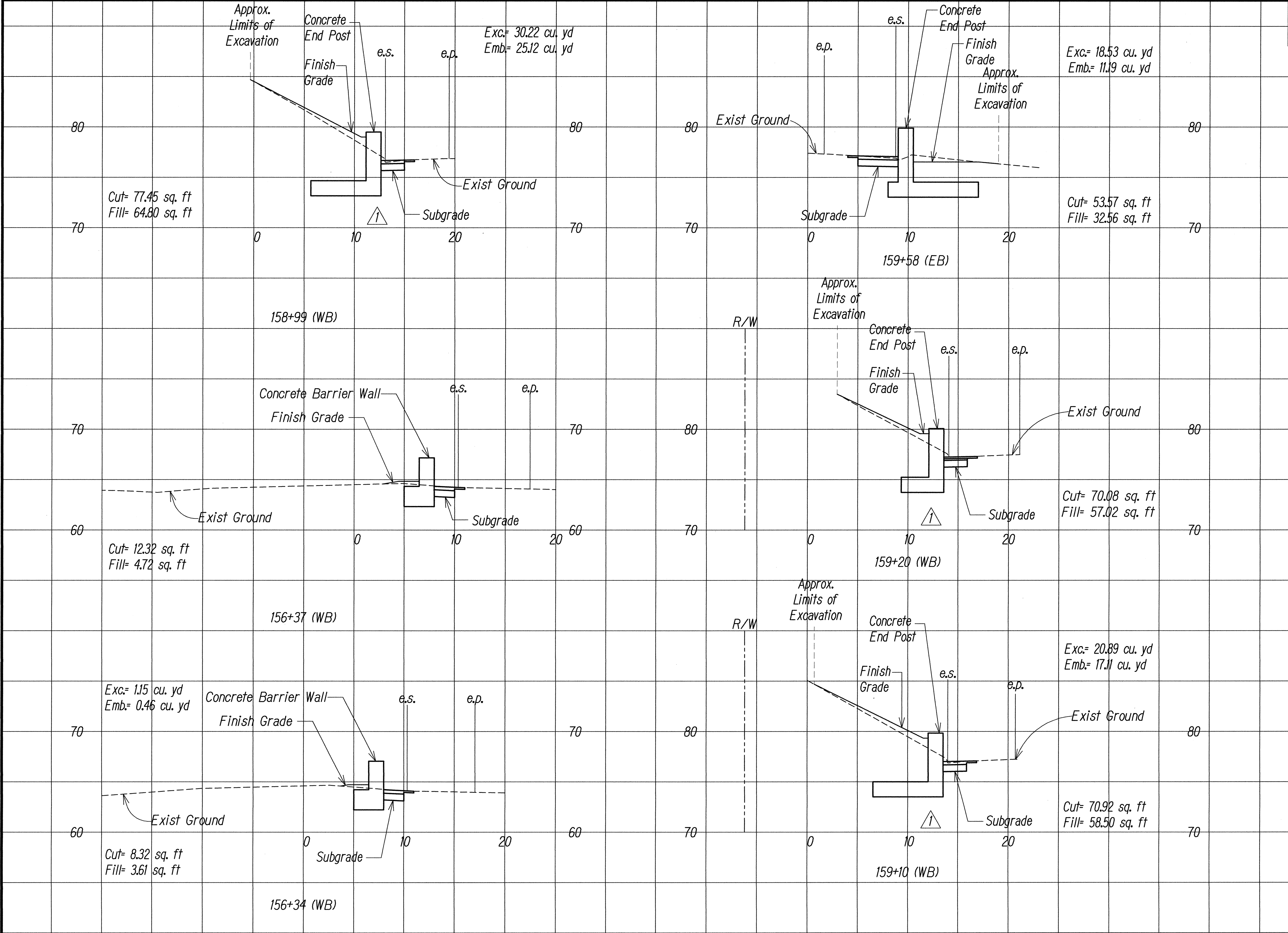
ROADWAY CROSS SECTION

INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-HI-1(242)
Scale: 1" = 5' Date: Mar. 2016

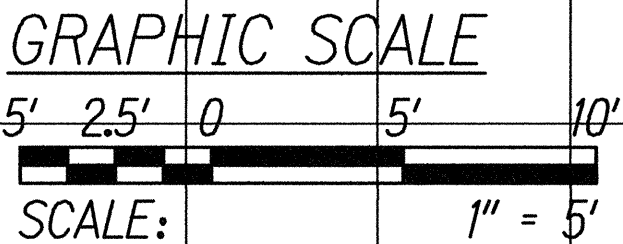
DATE REVISION

SHEET No. RS-11 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 91	354



DESIGNED BY	DATE
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

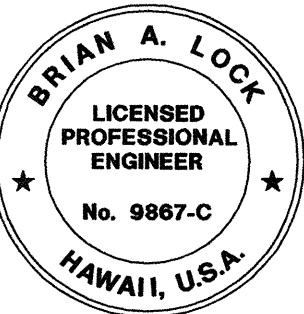


- Note:
- 1) Contractor to verify existing conditions prior to start of work.
 - 2) Contractor shall follow all OSHA requirements.

H-1 FREEWAY
Scale: 1" = 5'

159+20 (WB) REVISED SECTION

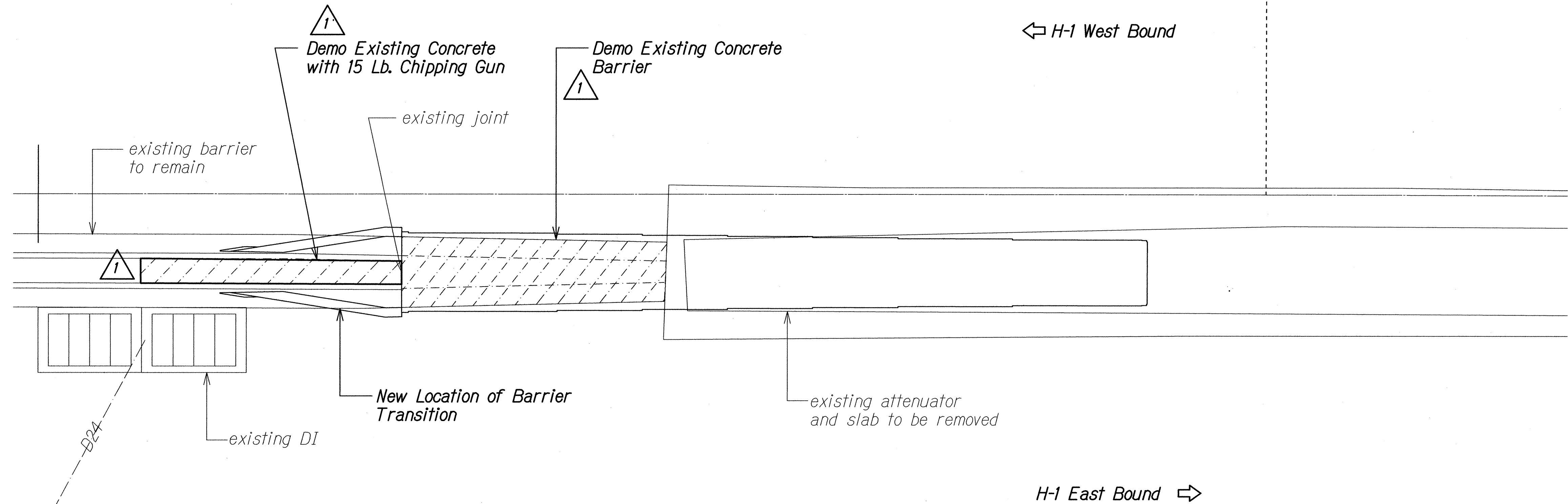
DATE REVISION



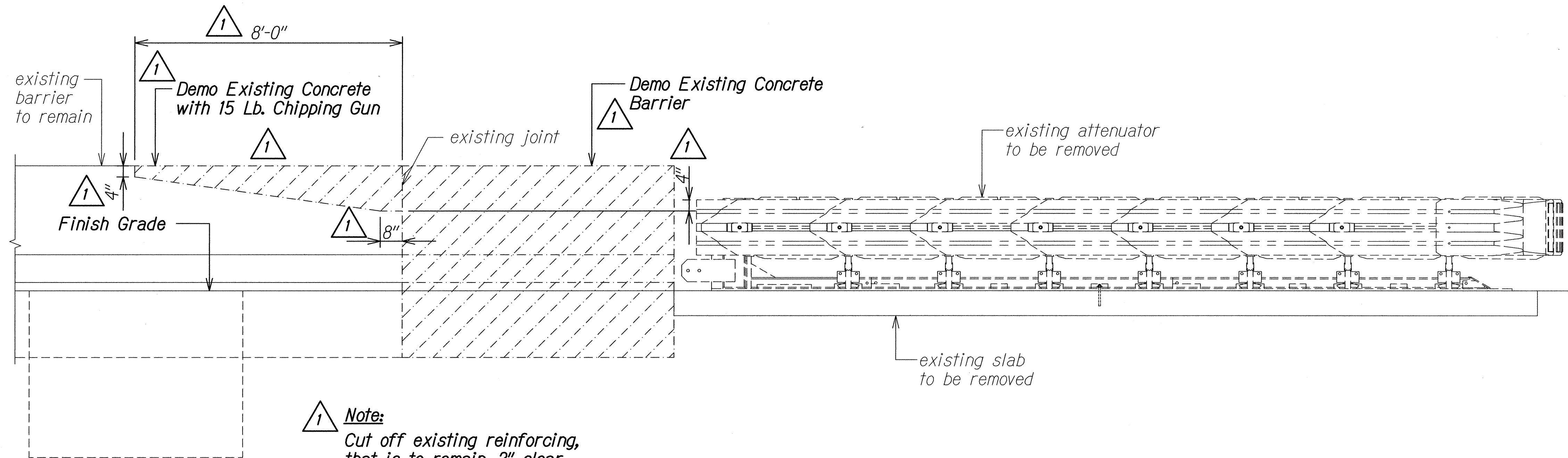
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
[Signature]
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY CROSS SECTION
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-HI-1(242)
Scale: 1" = 5' Date: Mar. 2016
SHEET No. RS-15 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-K(242)	2016	ADD. 127	354



DEMO PLAN A
Scale: 1/2" = 1'-0" S1.2 S1.2

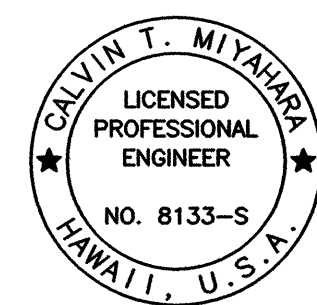


ELEVATION B
Scale: 1/2" = 1'-0" S1.2 S1.2

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

DRAWING NAME: Z:\00 ONGOING\12-032-H1 CB&L & SHOULDER MDL ST TO PUNCHBOWL WOC\01 CAD\05-31-06 DELTA1 ADD\H1C-WP-S0102 STA24+07 WB DEMO DELTA1.DWG PLOT TIME: 05-01-16, 8:57 AM

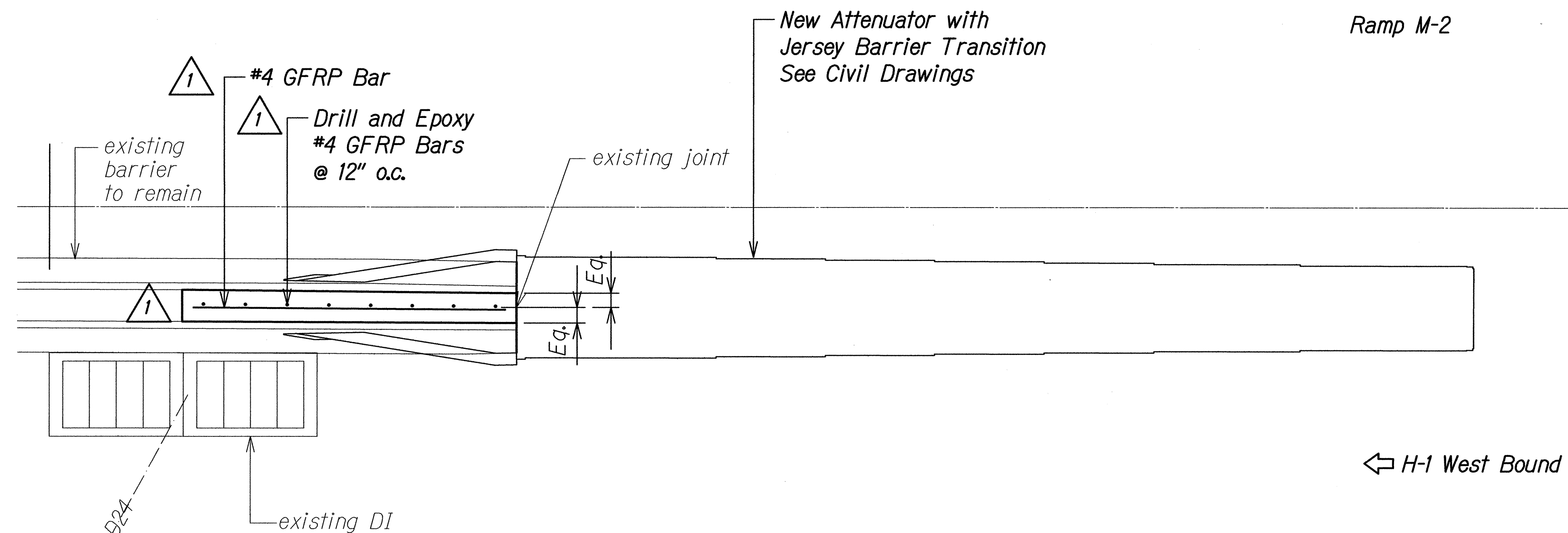
1	r5/25/16	EXTENDED CONC. BARRIER DEMOLITION
DATE	REVISION	



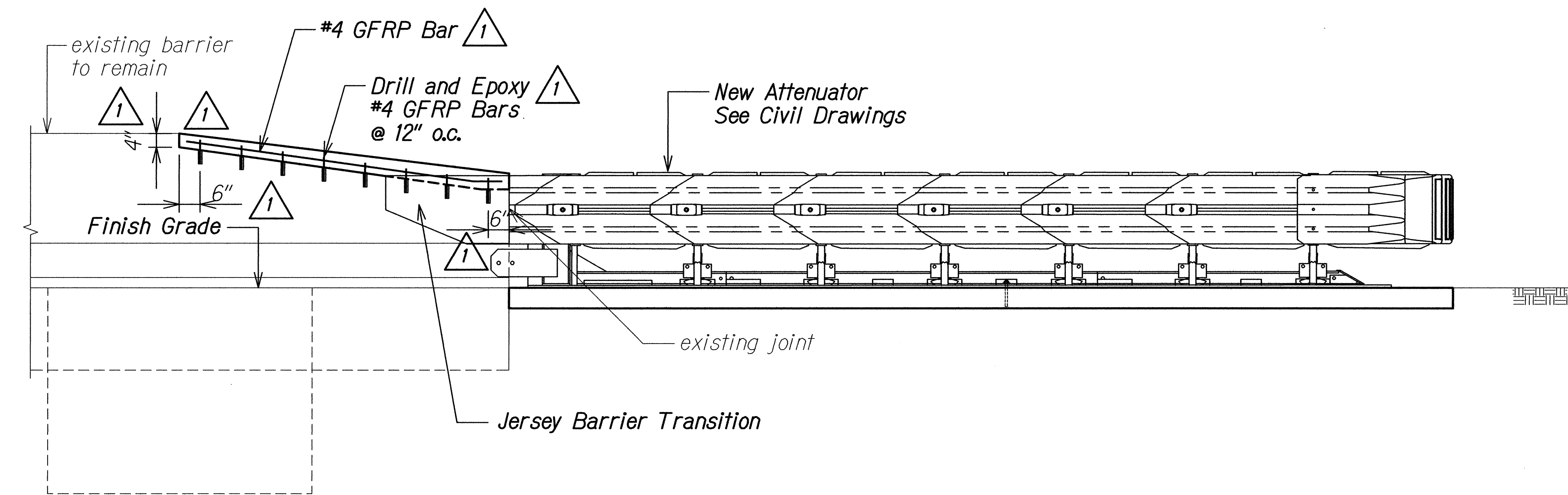
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE: *Calvin T. Miyahara* 4-30-18
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
H201 EXIT AT STA. 24+07± WB
DEMO PLAN AND ELEVATION
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-H1-K(242)
Scale: As Noted Date: Mar. 2016
SHEET No. S1.2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-K(242)	2016	ADD. 128	354



PLAN
Scale: 1/2" = 1'-0" **A**
SL3 SL3



ELEVATION
Scale: 1/2" = 1'-0" **B**
SL3 SL3

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

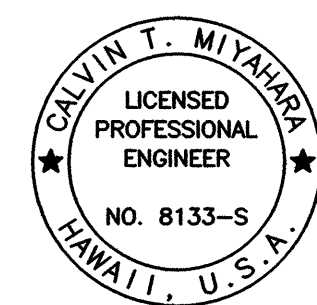
DRAWING NAME: Z:\00 ONGOING\12-032-H1 GEARL & SHLOP MDL ST TO PUNCHBOWL WOOD\01 CAD\05-31-06 DETAIL ADD\H1C-WB STA24+07 WB PLAN DETAIL.DWG PLOT TIME: 05-01-16, 8:58 AM



r5/25/16 EXTENDED CONC. BARRIER MODIFICATION

DATE

REVISION

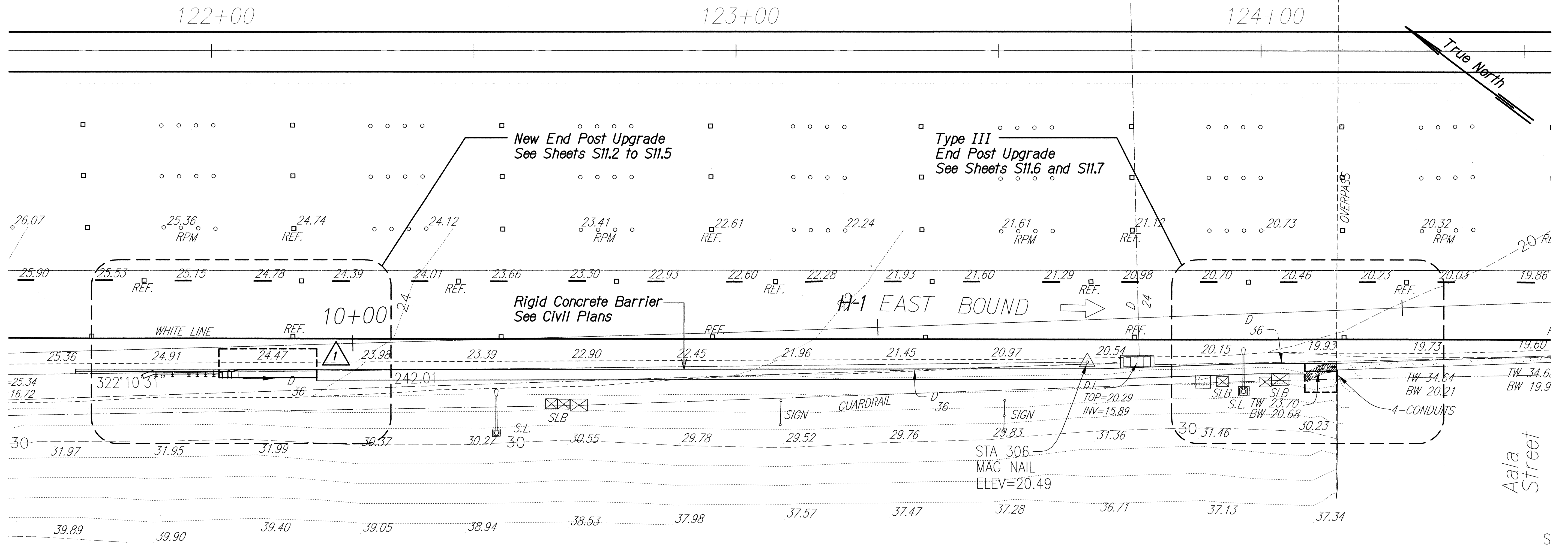


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SIGNATURE: *Calvin T. Miyahara* 4-30-18
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
H201 EXIT AT STA. 24+07± WB
PLAN AND ELEVATION
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-H1-K(242)
Scale: As Noted Date: Mar. 2016
SHEET No. **SL3** OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 173	354



LAYOUT PLAN
Scale: 1" = 10'-0"

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

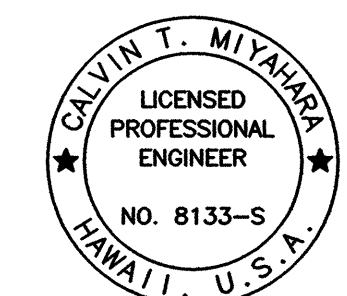
DRAWING NAME: 2A\00 ONCONG\12-032-H1 CPAL & SHLDR MDL ST TO PUNCHBOWL WOC\01 CAD\05-31-06 DELI\1 ADD\VI\G-MP-S1101 STA 122+02 EB DELI\4.DWG PLOT TIME: 06-01-16, 9:00 AM



5/25/16 REVISED END POST FOOTING LOCATION

DATE

REVISION



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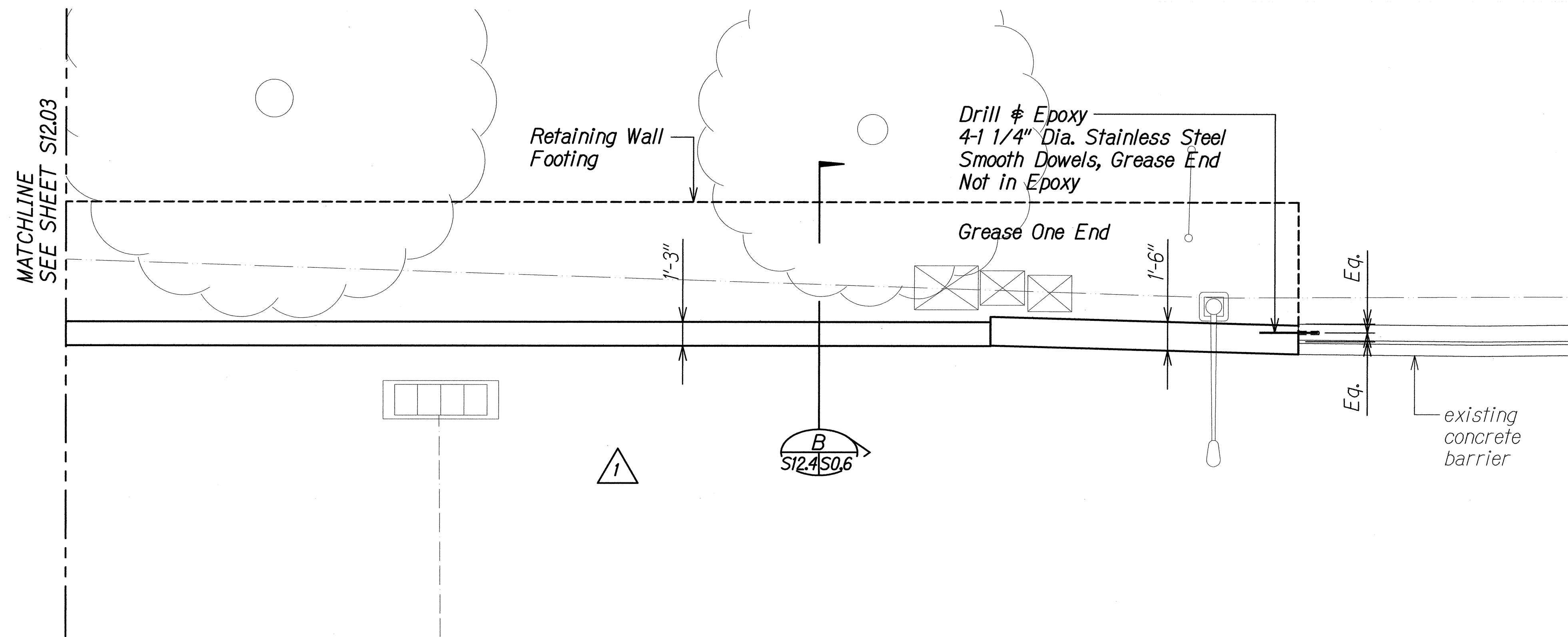
SIGNATURE

4-30-18

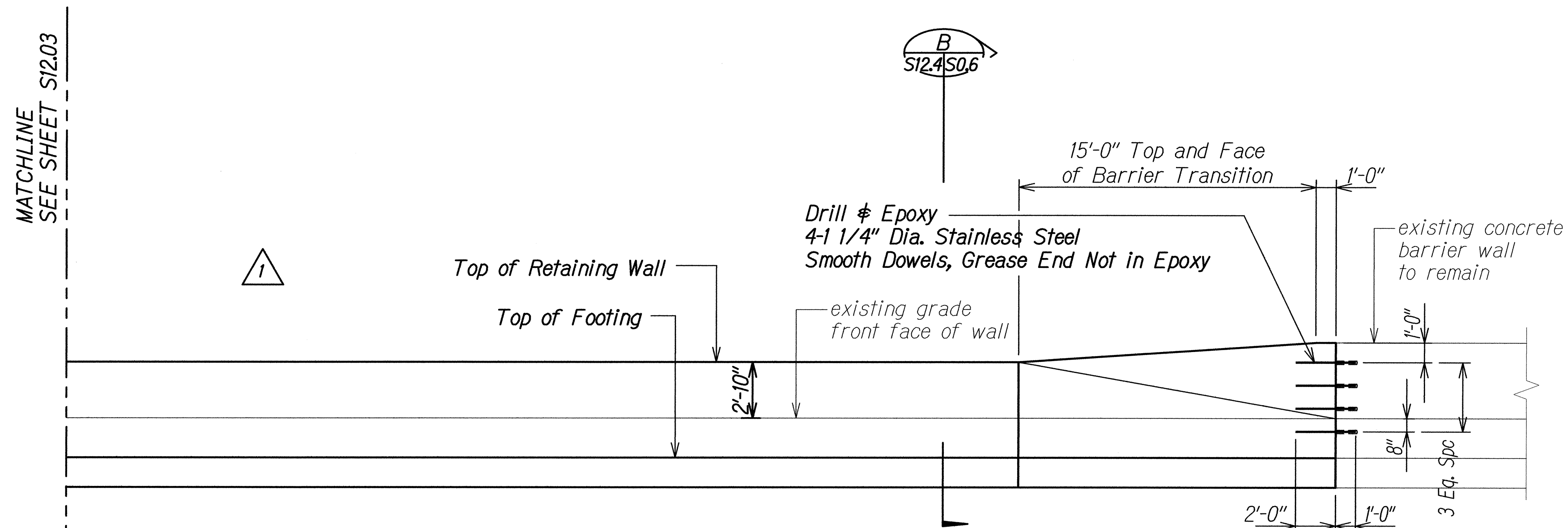
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
AALA STREET & MUUNU STREAM AT STA 122+02 & STA 124+00 EB
LAYOUT PLAN
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-HI-1(242)
Scale: As Noted Date: Mar. 2016
SHEET No. S11.1 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(242)	2016	ADD. 183	354



PLAN
Scale: 1/4" = 1'-0" S12.4 S12.4



ELEVATION
Scale: 1/4" = 1'-0" S12.4 S12.4

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

DRAWING NAME: Z:\00 ONGOING\12-032-H1 GRAIL & SHLDR MDL ST TO PUNCHBOWL WOODS\01 CAD\05-31-06 DELTA1 ADD\HIC-MP-S1203 STA 124+74 TO STA 126+19 WB PLAN DELTA1.DWG PLOT TIME: 06-01-16, 9:01 AM

1 r5/25/16 REMOVED CALLOUT

CALVIN T. MIYAHARA
LICENSED PROFESSIONAL ENGINEER
NO. 8133-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Calvin T. Miyahara* 4-30-18
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ALA STREET & NUUANU STREAM AT STA. 124+74 TO STA. 126+19 WB
PLAN AND ELEVATION
INTERSTATE ROUTE H-1
GUARDRAIL AND SHOULDER IMPROVEMENTS
Middle Street to Punchbowl Off-Ramp
Fed. Aid Project No. IM-HI-1(242)
Scale: As Noted Date: Mar. 2016
SHEET No. S12.4 OF 4 SHEETS