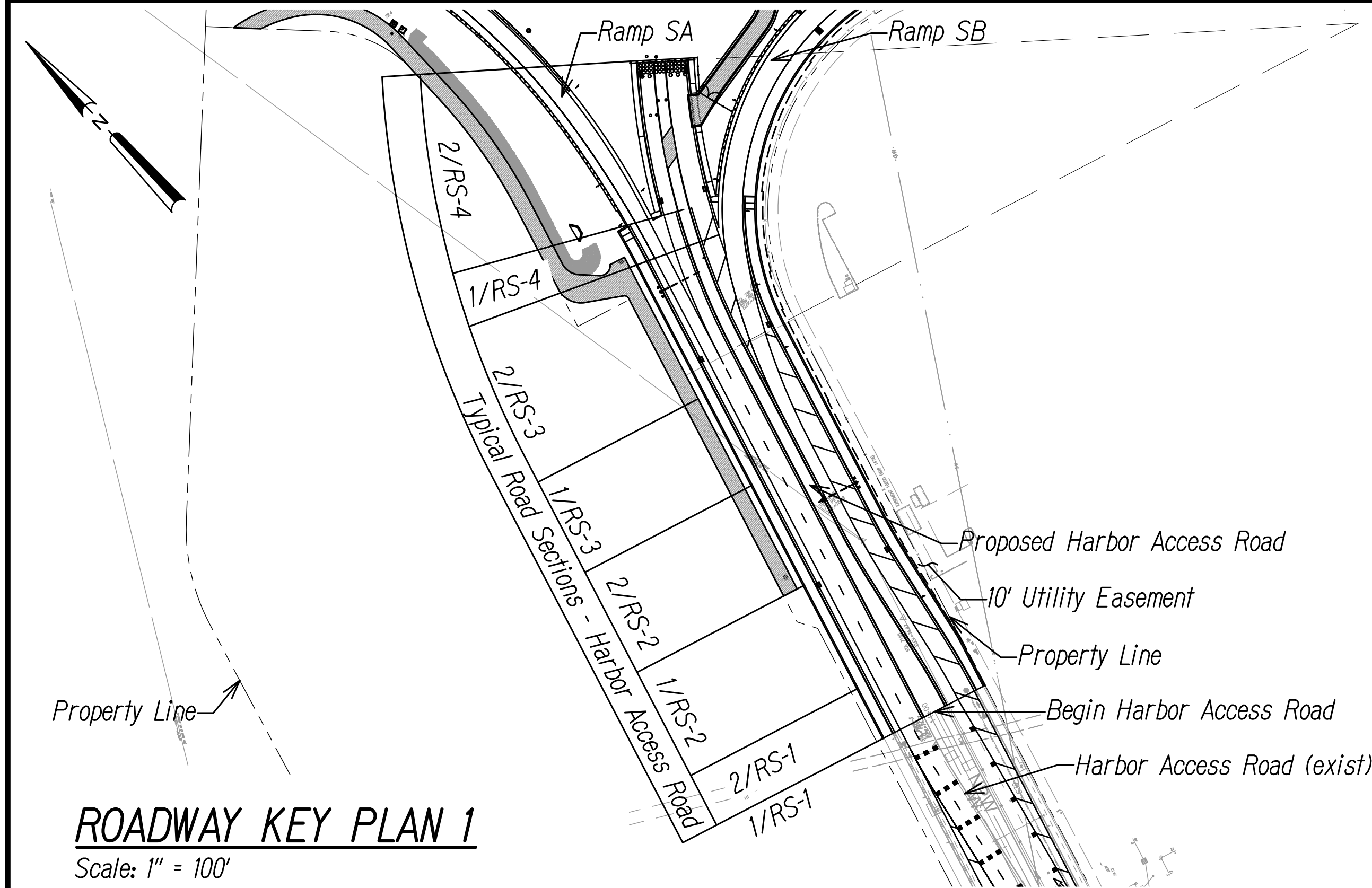
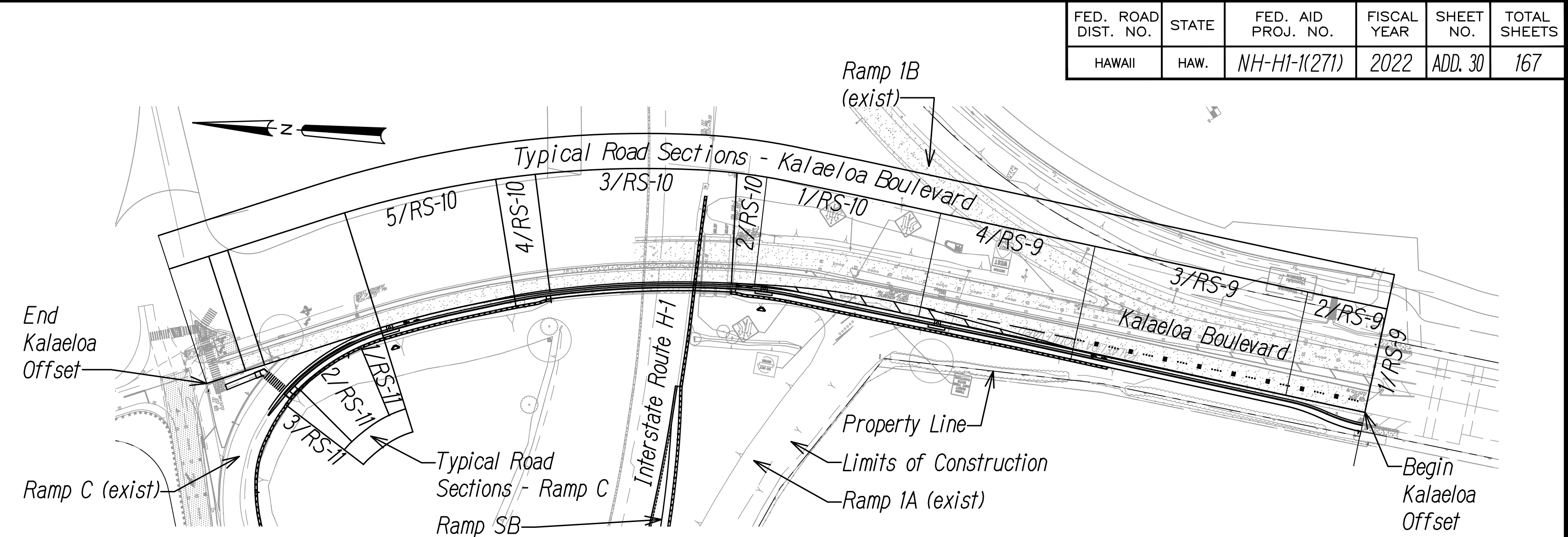


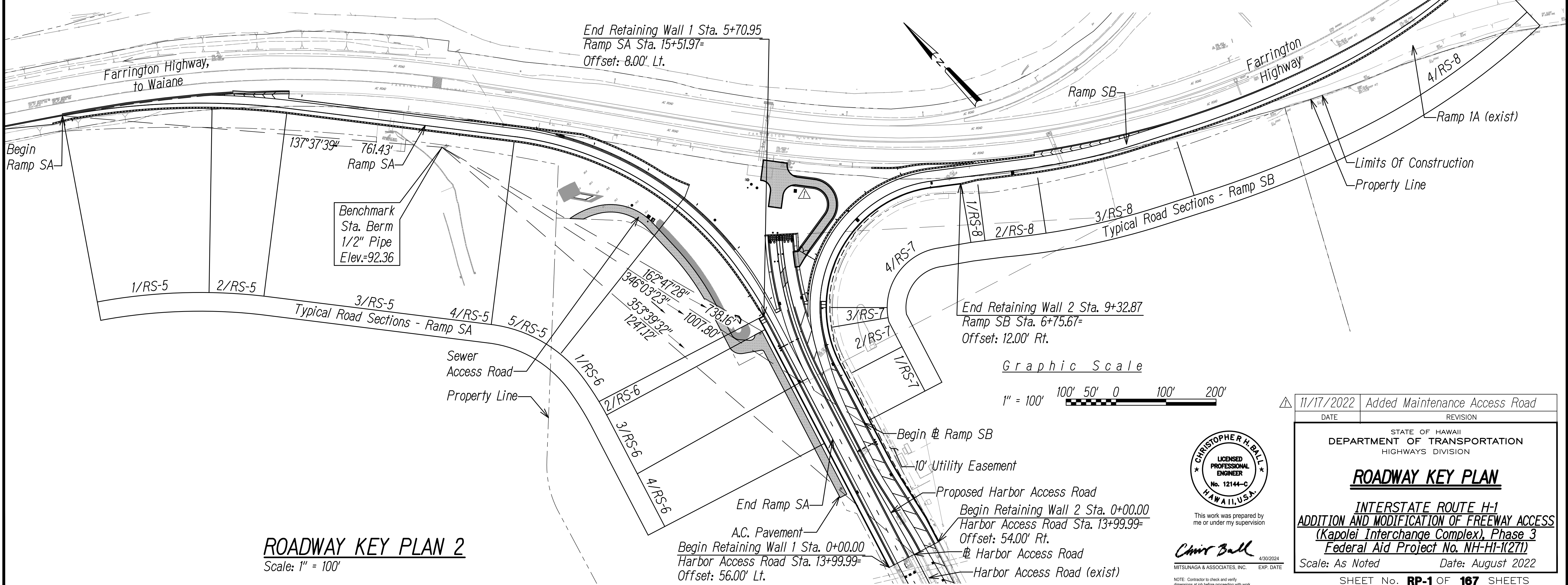
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-K(271)	2022	ADD. 30	167



ROADWAY KEY PLAN 1
Scale: 1" = 100'



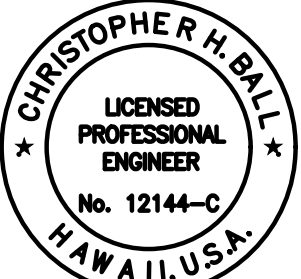
ROADWAY KEY PLAN 3
Scale: 1" = 100'



ROADWAY KEY PLAN 2
Scale: 1" = 100'

SURVEY PLOTTED BY	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	NO.
NOTE BOOK	

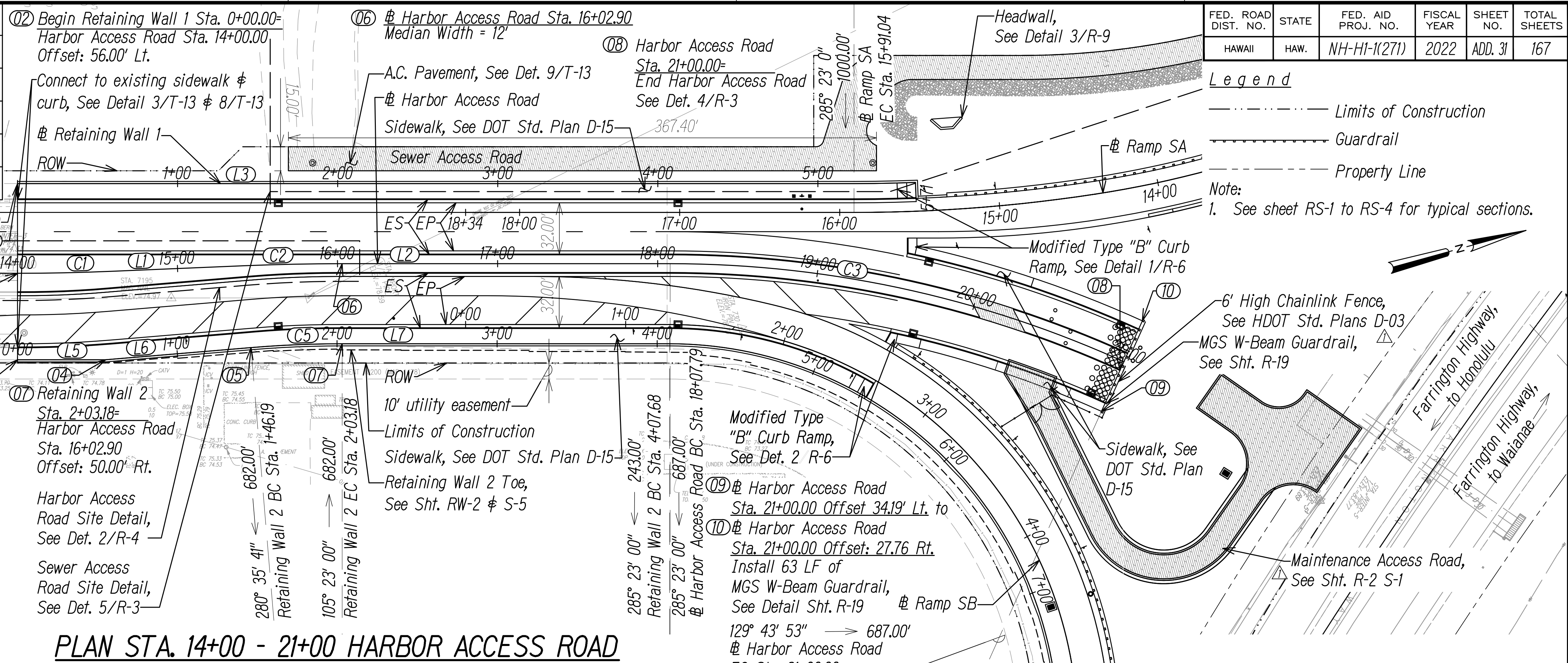


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Chris Ball
MITSUNAGA & ASSOCIATES, INC. 4/30/2024 EXP. DATE
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

11/17/2022	Added Maintenance Access Road
DATE	REVISION

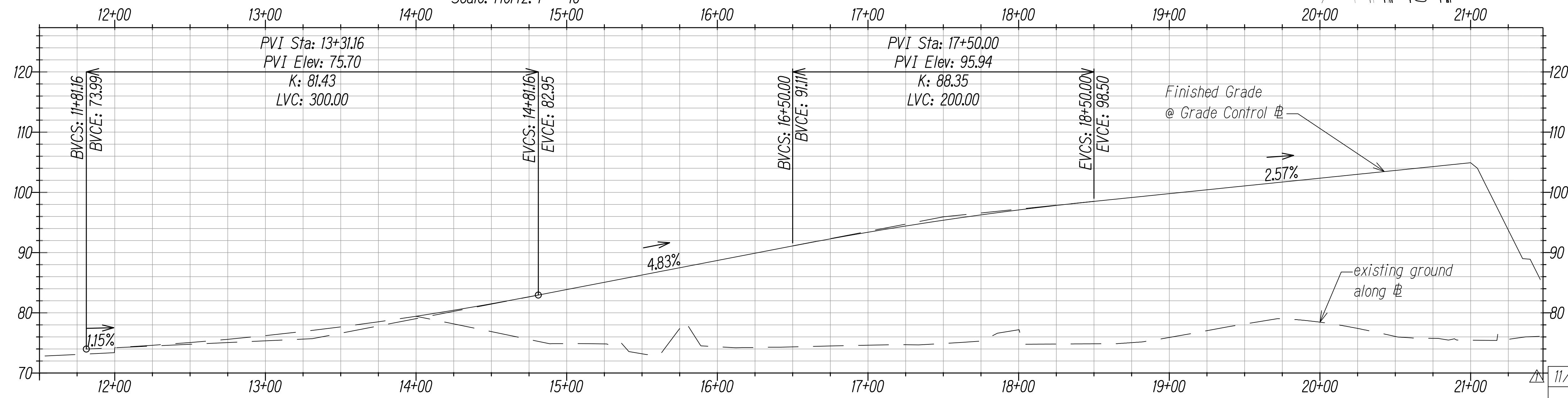
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY KEY PLAN	
INTERSTATE ROUTE H-1 ADDITION AND MODIFICATION OF FREEWAY ACCESS (Kapolei Interchange Complex), Phase 3 Federal Aid Project No. NH-HI-K(271)	
Scale: As Noted	Date: August 2022

Curve Data						
Curve #	Δ	Δ / 2	R	C	Lc	T
C1	2°23'54"	1°11'57"	1400.00'	58.61'	58.60'	29.31'
C2	2°24'08"	1°12'04"	1450.00'	60.79'	60.79'	30.40'
C3	34°20'34"	17°10'17"	687.00'	411.78'	405.65'	212.29'
C5	4°47'19"	2°23'39"	682.00'	57.00'	56.98'	28.52'



PLAN STA. 14+00 - 21+00 HARBOR ACCESS ROAD

Scale: Horiz. 1" = 40'

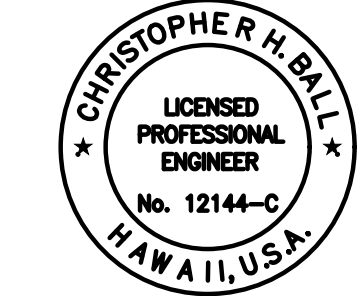
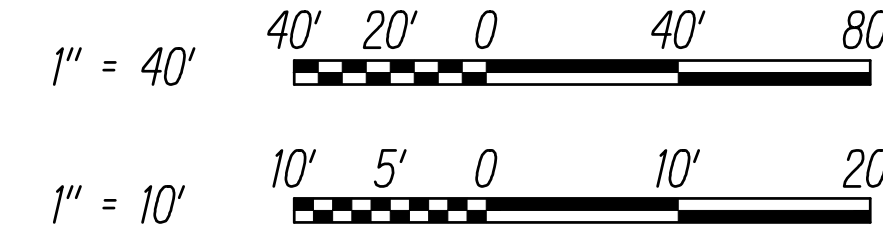


PROFILE STA. 14+00 - 21+00 HARBOR ACCESS ROAD

Scale: Horiz. 1" = 40'
Vert. 1" = 10'

Line Data		
Line #	Length	Direction
L1	83.49'	192°58'52"
L2	204.93'	195°23'00"
L3	522.59'	195°23'00"
L5	54.91'	195°23'00"
L6	91.28'	190°35'41"
L7	204.50'	195°23'00"

Graphic Scale



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11/17/2022	Added Maintenance Access Road
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

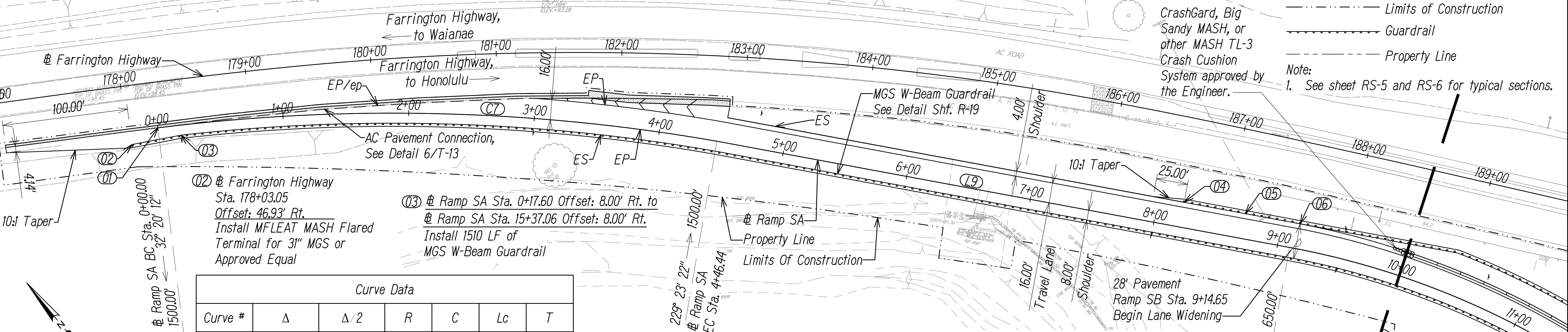
HARBOR ACCESS ROAD
PLAN AND PROFILE 1
INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-HI-K(271)

Scale: As Noted Date: August 2022

① Ramp SA Sta. 0+00.00 Conn. to Farrington Highway Sta. 178+25.23 Offset: 36.35' Rt.
② Ramp SA Sta. 8+20.25 Offset: 20.00' Lt. Install MSKT TL-3 End Terminal or Approved Equal
③ Ramp SA Sta. 8+70.25 Offset: 20.00' Lt. to Ramp SA Sta. 9+14.51 Offset: 20.02' Lt. Install 44 LF of MGS W-Beam Guardrail
④ Ramp SA Sta. 9+14.51 Offset: 20.02' Lt. to Ramp SA Sta. 10+36.45 Offset: 32.92' Lt. Install 127 LF of MGS W-Beam Guardrail

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-K(271)	2022	32	167

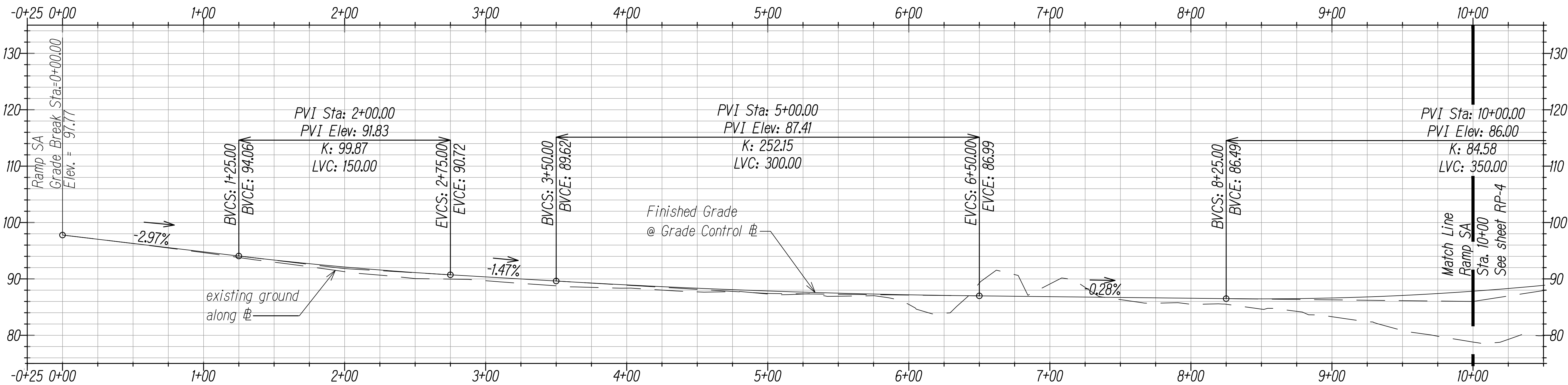
Legend
--- Limits of Construction
--- Guardrail
--- Property Line
Note:
1. See sheet RS-5 and RS-6 for typical sections.



Curve Data						
Curve #	Δ	$\Delta/2$	R	C	Lc	T
C7	17°03'10"	8°31'35"	1500.00'	446.44'	444.80'	224.88'

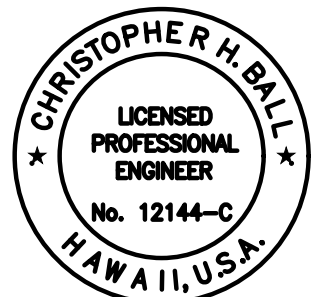
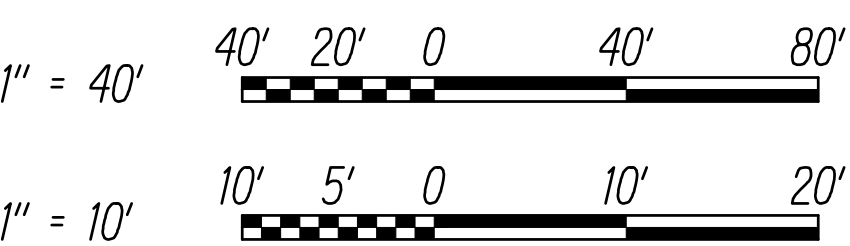
Line Data		
Line #	Length	Direction
L9	463.35'	320°00'06"

PLAN STA. 0+00 - 10+00 RAMP SA
Scale: 1" = 40'



PROFILE STA. 0+00 - 10+00 RAMP SA
Scale: Horiz. 1" = 40'
Vert. 1" = 10'

Graphic Scale



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NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RAMP SA PLAN AND PROFILE 1

INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-HI-K(271)

Scale: As Noted Date: August 2022

SHEET No. RP-3 OF 167 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED 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-HI-1(271)	2022	ADD. 33	167

Legend

- Limits of Construction
- Guardrail
- Property Line
- Portable Concrete Barrier

Note:
1. See sheet RS-5 and RS-6 for typical sections.

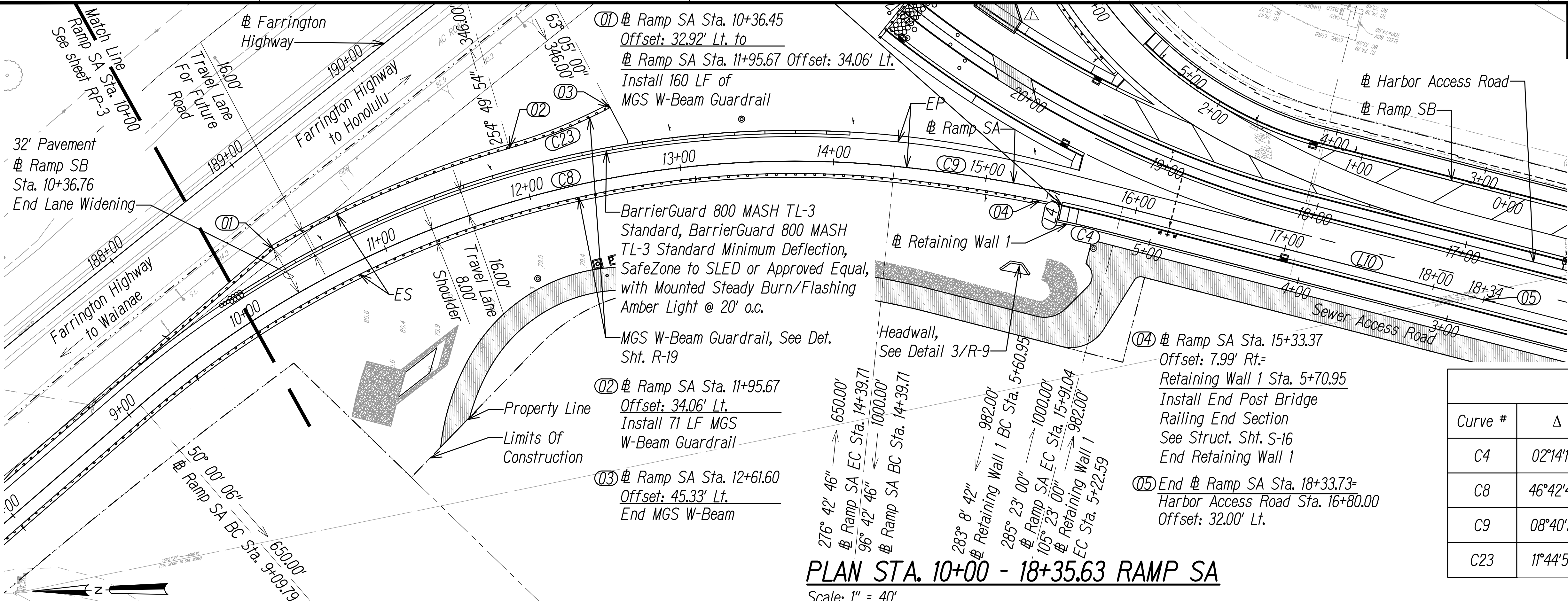
Curve Data						
Curve #	Δ	Δ/2	R	C	Lc	T
C4	02°14'18"	01°07'09"	982.00'	38.36'	38.36'	19.18'
C8	46°42'40"	23°21'20"	650.00'	529.92'	515.37'	280.68'
C9	08°40'14"	04°20'07"	1000.00'	151.33'	151.19'	75.81'
C23	11°44'54"	05°52'27"	346.00'	70.95'	70.82'	35.60'

Line Data		
Line #	Length	Direction
L4	10.00'	283°04'02"
L10	242.68'	15°23'00"

11/17/2022	Added Maintenance Access Road
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
RAMP SA PLAN AND PROFILE 2	
INTERSTATE ROUTE H-1 ADDITION AND MODIFICATION OF FREEWAY ACCESS (Kapolei Interchange Complex), Phase 3 Federal Aid Project No. NH-HI-1(271)	
Scale: As Noted	Date: August 2022

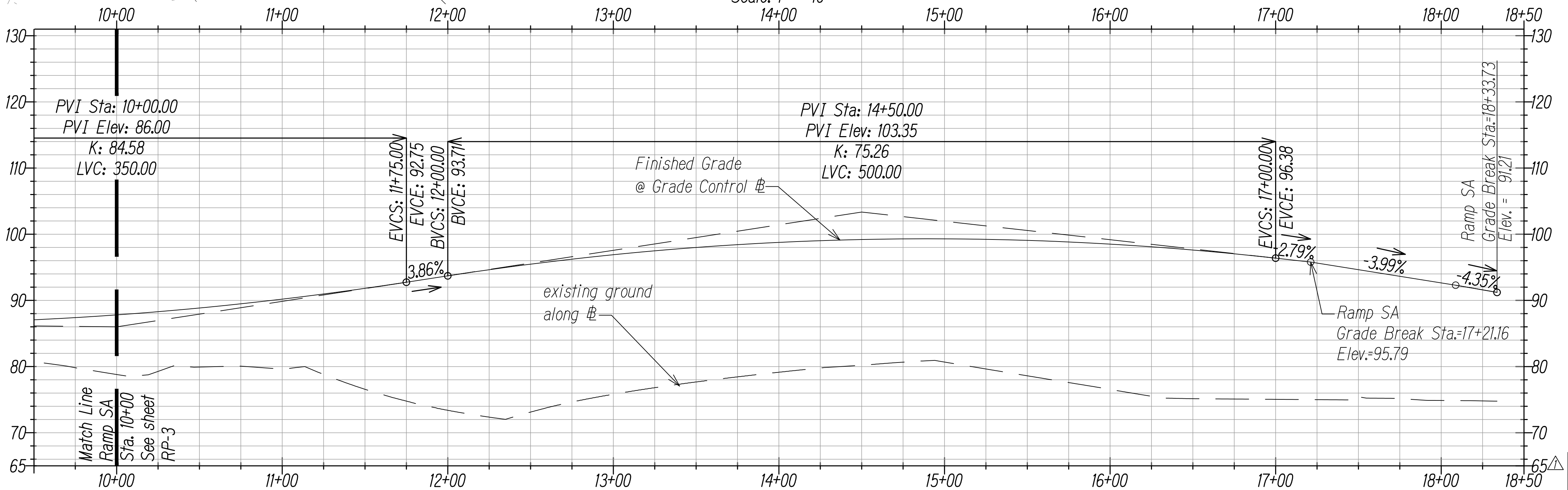
SHEET NO. RP-4 OF 167 SHEETS

ADD. 33



PLAN STA. 10+00 - 18+35.63 RAMP SA

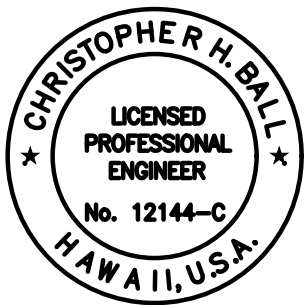
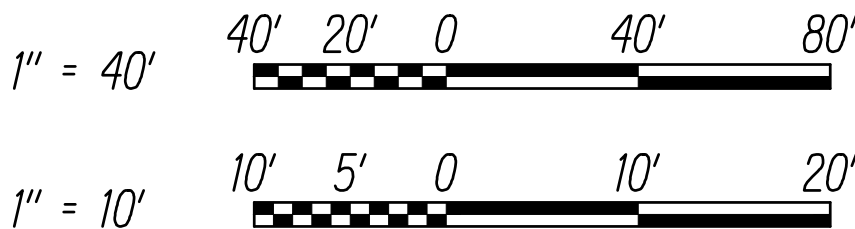
Scale: 1" = 40'



PROFILE STA. 10+00 - 18+35.63 RAMP SA

Scale: Horiz. 1" = 40'
Vert. 1" = 10'

Graphic Scale



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MITSUNAGA & ASSOCIATES, INC. EXP. DATE: 4/30/2024

SURVEY PLOTTED BY	DATE
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-HI-K(271)	2022	ADD. 34	167

Legend

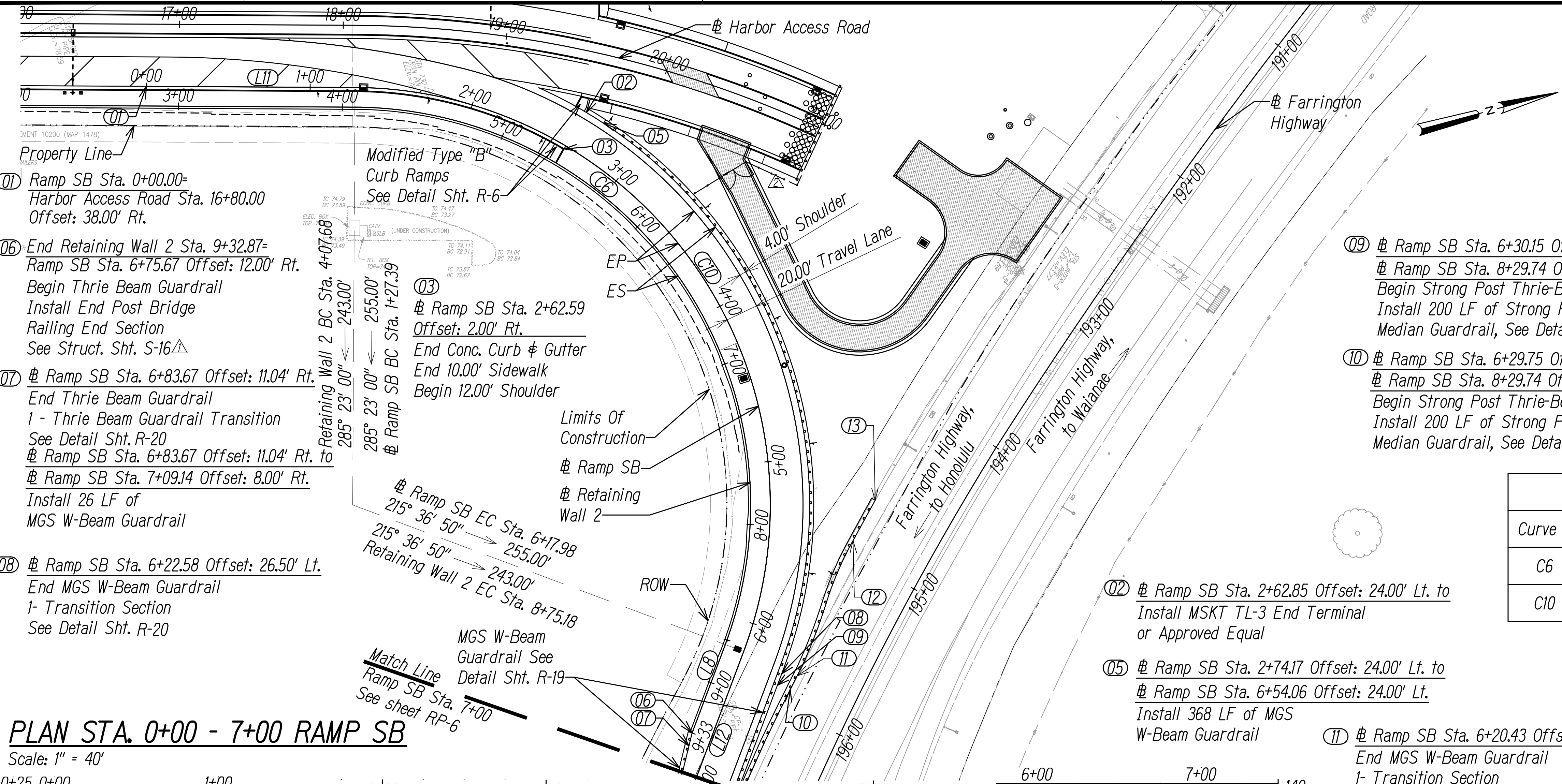
- Limits of Construction
--- Guardrail
--- Property Line

Note:

1. See sheet RS-7 and RS-8 for typical sections.

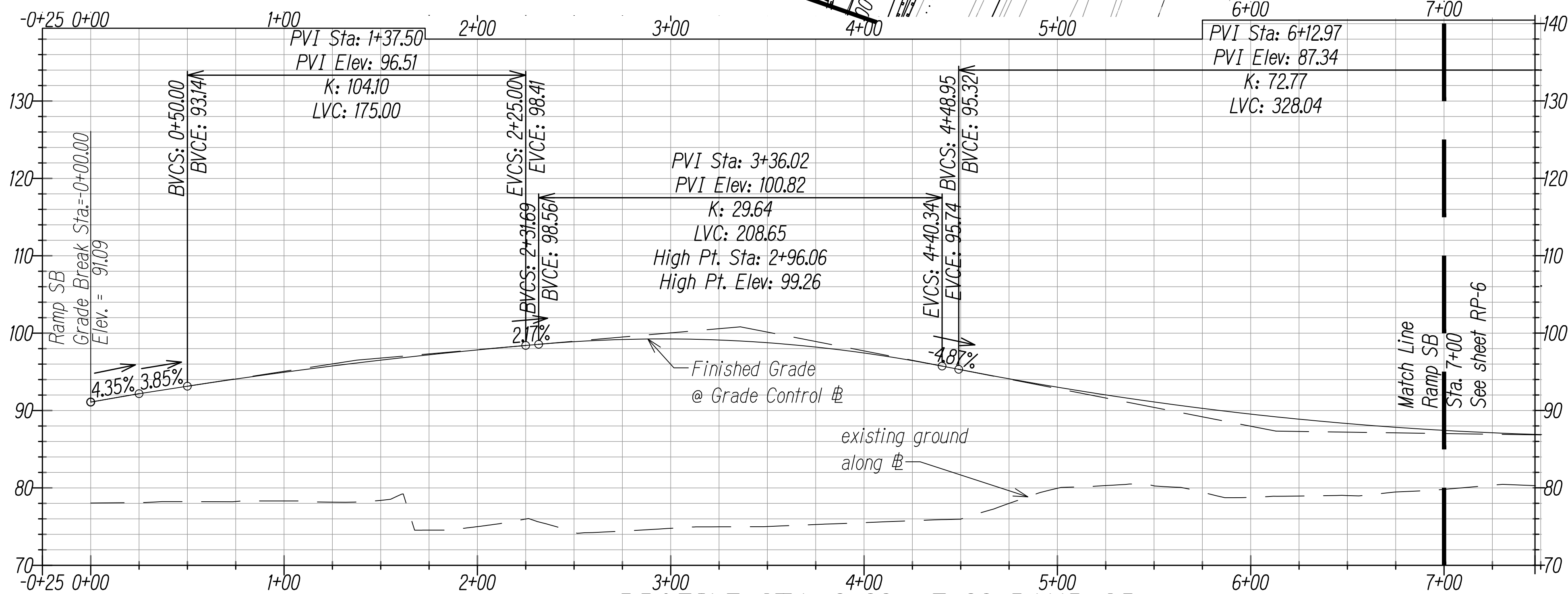
Line Data		
Line #	Length	Direction
L8	57.69'	305°36'50"
L11	127.39'	195°23'00"
L12	182.32'	305°36'50"

Curve Data						
Curve #	Δ	Δ/2	R	C	Lc	T
C6	110°13'50"	55°06'55"	243.00'	467.50'	398.67'	348.53'
C10	110°13'50"	55°06'55"	255.00'	490.59'	418.35'	365.74'



PLAN STA. 0+00 - 7+00 RAMP SB

Scale: 1" = 40'

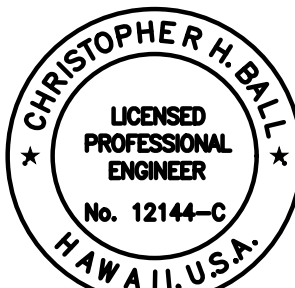
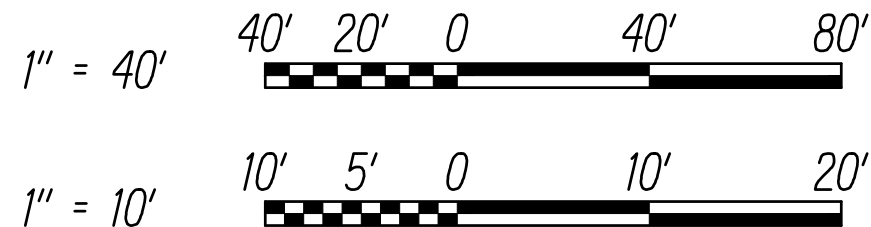


PROFILE STA. 0+00 - 7+00 RAMP SB

Scale: Hori: 1" = 40'

Vert: 1" = 10'

Graphic Scale



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MITSUNAGA & ASSOCIATES, INC. 4/30/2024
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

DATE	REVISION
11/17/2022	Added Maintenance Access Road
10/21/2022	Revised reference on callout 6

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RAMP SB PLAN AND PROFILE 1

INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-HI-K(271)

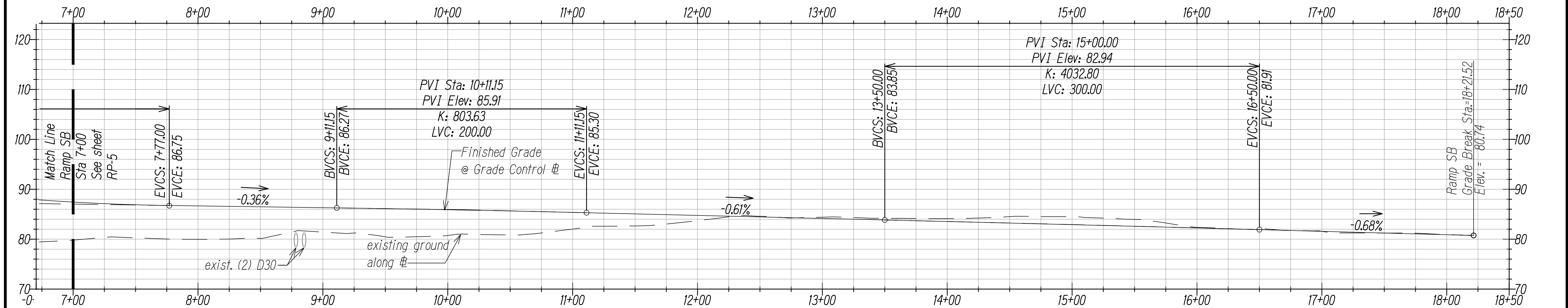
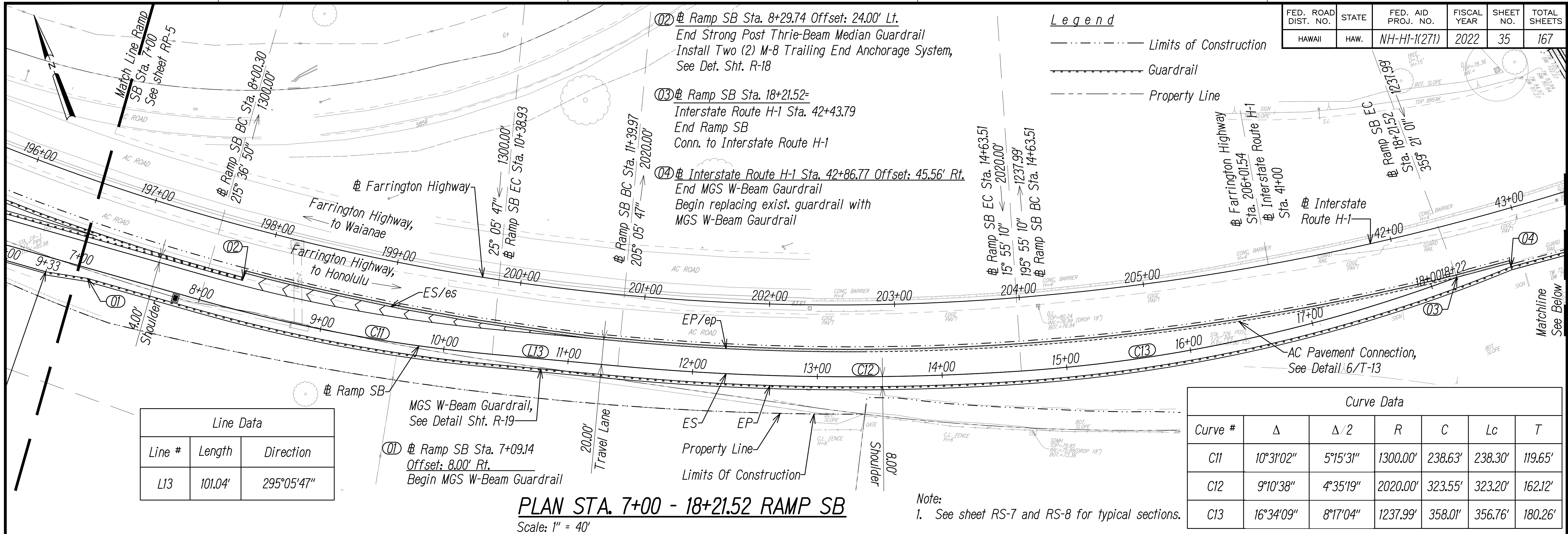
Scale: As Noted Date: August 2022

SHEET NO. RP-5 OF 167 SHEETS

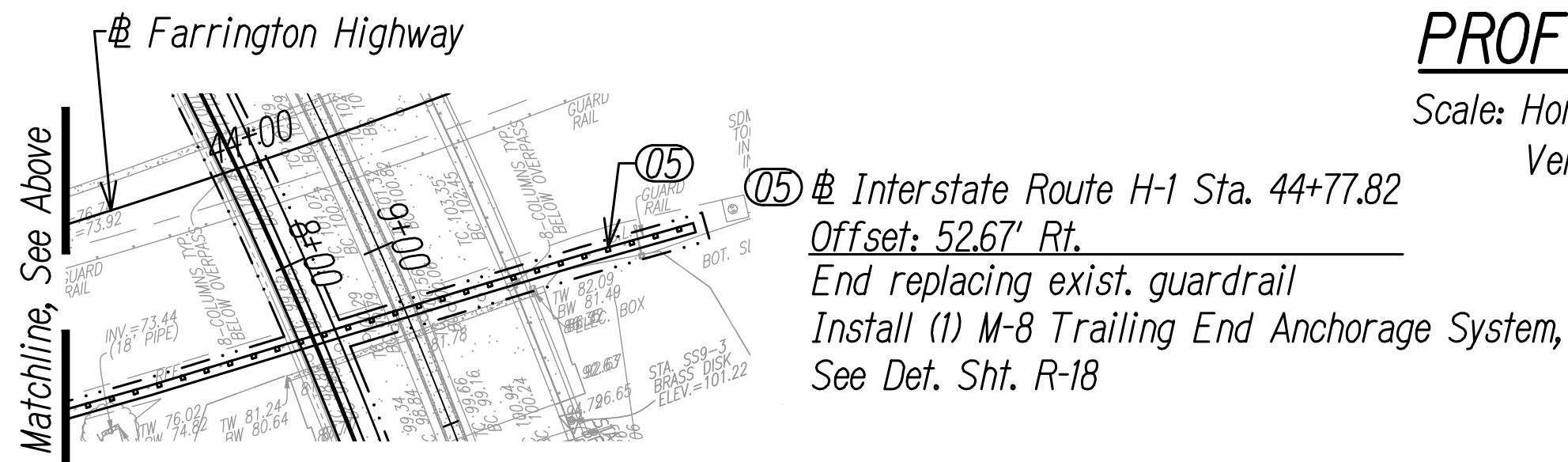
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-K(271)	2022	35	167

Legend

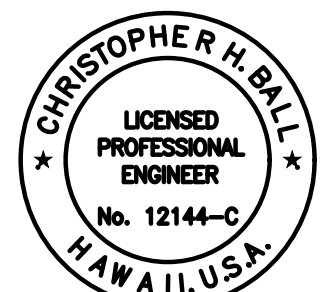
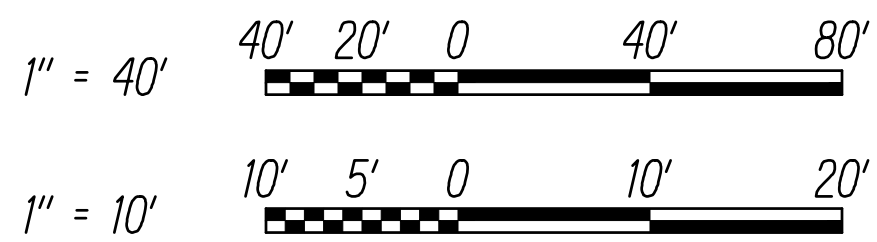
- Limits of Construction
- Guardrail
- Property Line



SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	



Graphic Scale



Chris Ball
MITSUNAGA & ASSOCIATES, INC.
4/30/2024
EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RAMP SB PLAN AND PROFILE 2

INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-HI-K(271)

Scale: As Noted Date: August 2022

SHEET NO. RP-6 OF 167 SHEETS

Legend

- Property Line
- Limits of Construction
- Guardrail

Note:

- See Sheet RS-9 to RS-11 for typical sections.

01 Begin # Kalaeloa Offset Sta. 0+00.00= # Kalaeloa Boulevard Sta. 1+00.36 Offset: 35.97' Lt.

02 # Kalaeloa Offset Sta. 0+00.00 Offset: 10.60' Lt. Begin Conc. Curb and Sidewalk Conn. to exist. conc. curb and sidewalk See Det. 8/T-13

03 # Kalaeloa Offset Sta. 2+97.95 Offset: 8.00' Lt. to # Kalaeloa Offset Sta. 3+21.23 Offset: 8.00' Lt. Replace exist. guardrail # Install 23.28 LF of Trailing End Anchorage System See Detail Sht. R-18

04 # Kalaeloa Offset Sta. 3+21.23 Offset: 8.00' Lt. to # Kalaeloa Offset Sta. 7+01.05 Offset: 8.00' Lt. Replace exist. guardrail # Install 380 LF of MGS W-Beam Guardrail See Detail Sht. R-19

05 # Kalaeloa Offset Sta. 7+01.05 Offset: 8.00' Lt. to # Kalaeloa Offset Sta. 7+10.43 Offset: 8.00' Lt. Install 9.375 LF of Transition Section (RWT02 # RWM04a) See Det. R-20

06 # Kalaeloa Offset Sta. 7+10.43 Offset: 8.00' Lt. to # Kalaeloa Offset Sta. 7+37.12 Offset: 6.00' Lt. Install Thrie Beam Guardrail Conn. to exist. bridge guardrail

07 # Kalaeloa Offset Sta. 9+44.13 Offset: 6.00' Lt. Conn. to exist. bridge guardrail Install Thrie Beam Guardrail

08 # Kalaeloa Offset Sta. 9+70.65 Offset: 8.00' Lt. to # Kalaeloa Offset Sta. 9+80.02 Offset: 8.00' Lt. Install 9.375 LF of Transition Section (RWT02 # RWM04a) See Det. R-20 Conn. to exist. bridge guardrail

09 # Kalaeloa Offset Sta. 9+80.02 Offset: 8.00' Lt. to # Kalaeloa Offset Sta. 12+55.48 Offset: 36.10' Lt. Replace exist. guardrail # Install 255 LF of MGS W-Beam Guardrail See Detail Sht. R-19

10 # Ramp C Offset Sta. 1+54.20 Offset: 8.60' Lt. End MGS W-Beam Guardrail Begin replacing exist. guardrail with MGS W-Beam Guardrail (230 LF)

11 End # Ramp C Offset Sta. 1+57.28 Offset: 0.00' Conn. to exist. Ramp C

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(271)	2022	36	167

Line Data		
Line #	Length	Direction
L14	399.90'	188°09'12"
L15	262.69'	187°42'00"

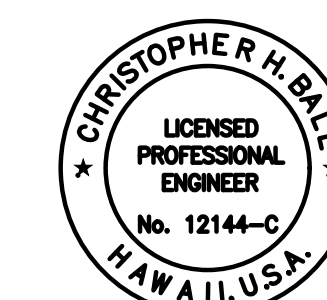
Curve Data						
Curve #	Δ	Δ/2	R	C	Lc	T
C14	8° 36' 36"	4° 18' 18"	496.00'	74.53'	74.46'	37.34'
C15	4° 20' 06"	2° 10' 03"	1176.42'	89.01'	88.99'	44.53'
C16	5° 44' 38"	2° 52' 19"	1177.00'	117.99'	117.94'	59.05'
C17	5° 50' 03"	2° 55' 01"	621.00'	52.78'	52.77'	26.41'
C19	1° 46' 09"	0° 53' 04"	1175.00'	95.11'	95.09'	47.58'
C20	5° 26' 34"	2° 43' 17"	1077.86'	23.30'	23.30'	11.65'
C21	1° 14' 19"	0° 37' 10"	246.00'	105.26'	104.46'	53.45'
C22	24° 31' 01"	12° 15' 30"	199.51'	52.02'	51.87'	26.16'

PLAN STA. 0+00 - 13+49.16 KALAELOA BLVD.

Scale: 1" = 40'

Graphic Scale

1" = 40' 40' 20' 0 40' 80'



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MITSUNAGA & ASSOCIATES, INC.
4/30/2024
EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KALAELOA BOULEVARD PLAN

INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-HI-1(271)

Scale: As Noted Date: August 2022

SHEET NO. **RP-7** OF **167** SHEETS