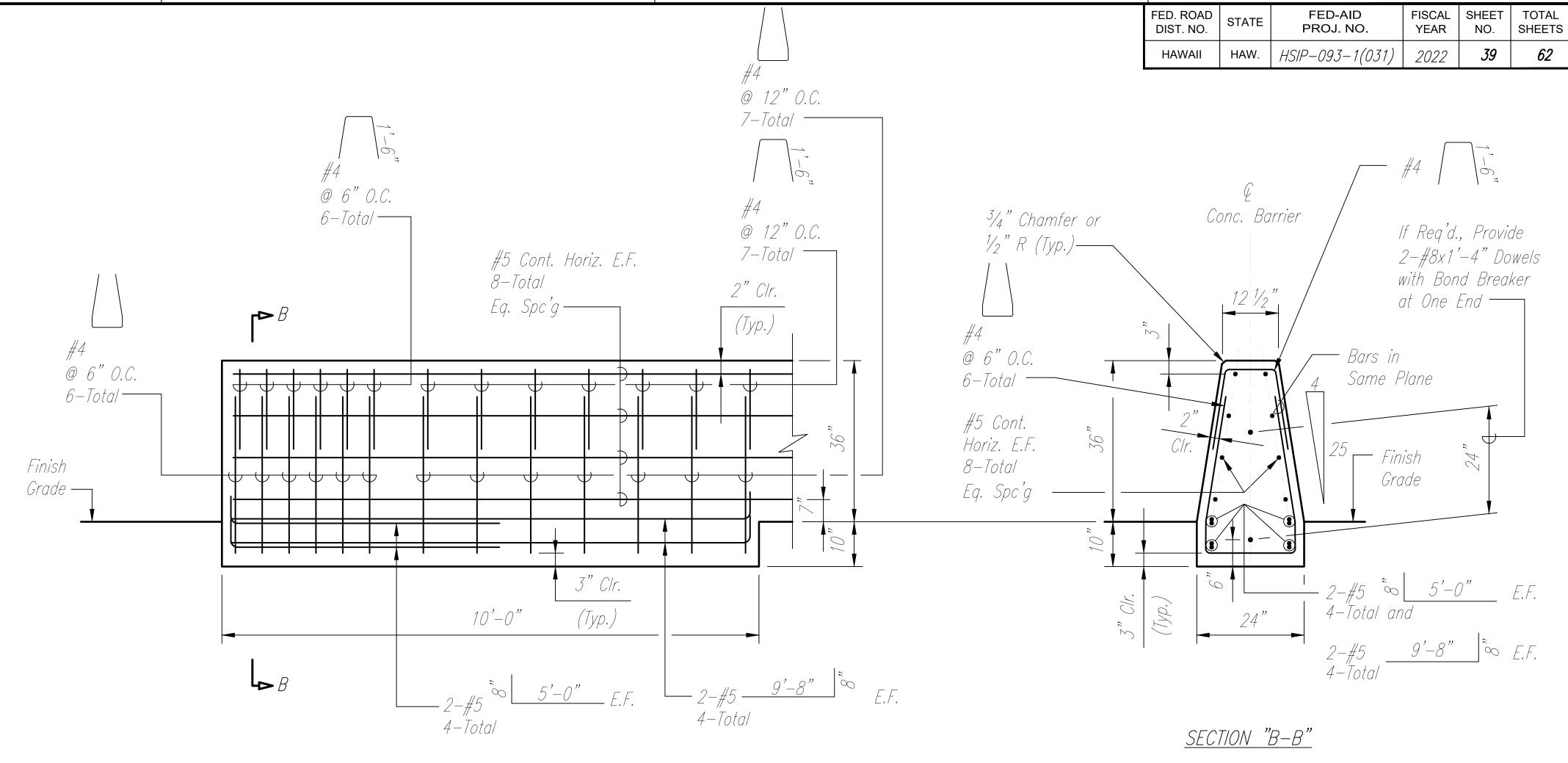
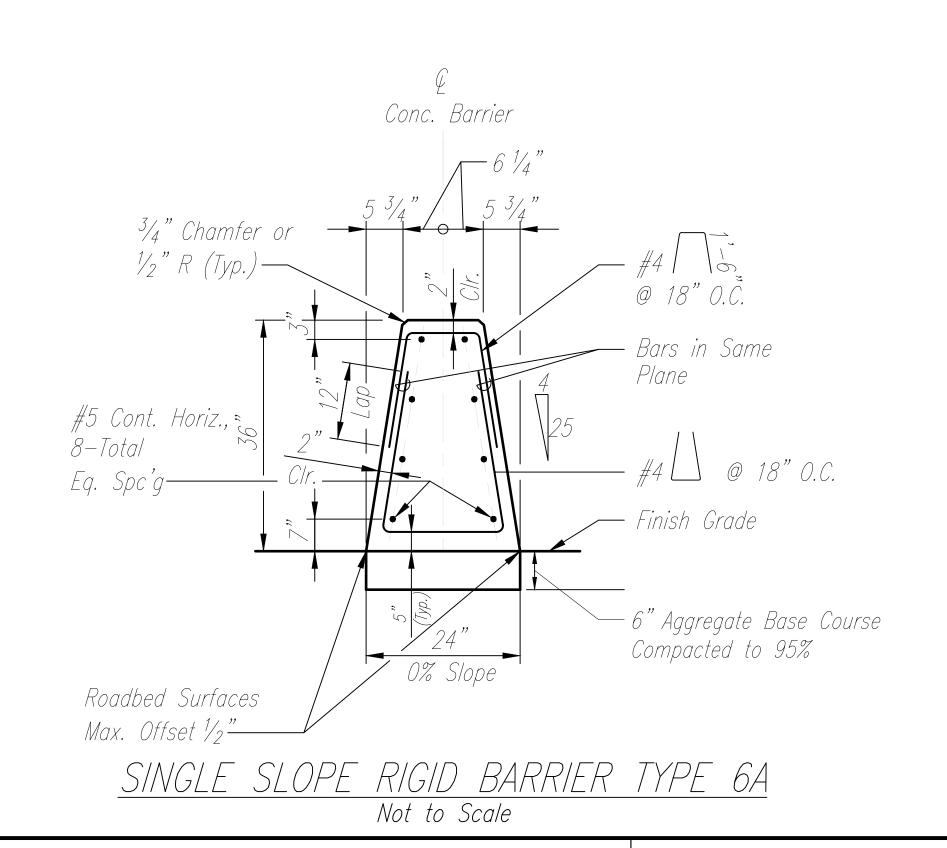
CONCRETE RIGID BARRIER SCHEDULE		
₽ STA. LOCATION		CONCRETE DICID DARRIED TYPE
FROM	<i>TO</i>	CONCRETE RIGID BARRIER TYPE
71+54.30	76+45.34	Type 6A
76+45.34	76+60.34	Transition from Type 6A to Type 4A
78+78.24	78+93.24	Transition from Type 4A to Type 6A
78+93.24	<i>85+54.55</i>	Type 6A
85+69.55	88+38.81	Type 6A
88+38.81	88+73.81	Transition from Type 6A to Type 6GA
88+73.81	97+96.27	Type 6GA
97+96.27	98+31.27	Transition from Type 6GA to Type 6A
98+31.27	107+75.31	Type 6A
107+75.31	107+90.31	Transition from Type 6A to Type 4A
140+35.33	143+73.85	Type 6GA
151+77.11	177+70.36	Type 6A
177+70.36	178+05.36	Transition from Type 6A to Type 6GA
178+05.36	186+68.91	Type 6GA
186+68.91	187+03.80	Transition from Type 6GA to Type 6A
187+03.80	187+13.78	Type 6A
187+13.78	187+28.75	Transition from Type 6A to Type 4A

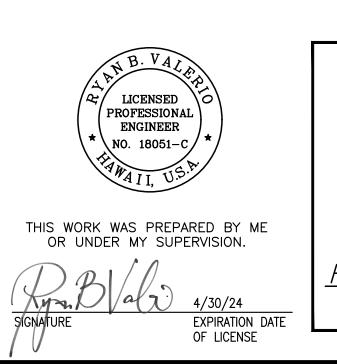






NOTES:

- 1. Footing monolithic or doweled with 2-#8x1'-4" @ 2'-0" O.C. The footing is required at single slope rigid barrier ends and at interruptions in rigid barrier.
- 2. 10" single slope rigid barrier footing extends 10' back from structure.
- Control point for offset distance located at centerline of concrete barrier.
- 1. See Roadway Plans for barrier delineation locations.



STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

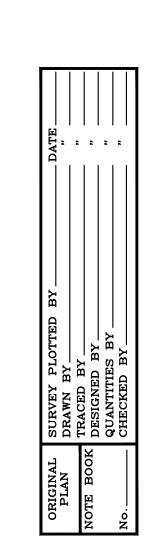
BARRIER DETAILS - 1

<u>FARRINGTON HIGHWAY</u> <u>SAFETY IMPROVEMENTS</u> <u>Pohakunui Avenue to Interstate H-1</u>

Federal Aid Project No. HSIP-093-1(031)

Date: November 2021

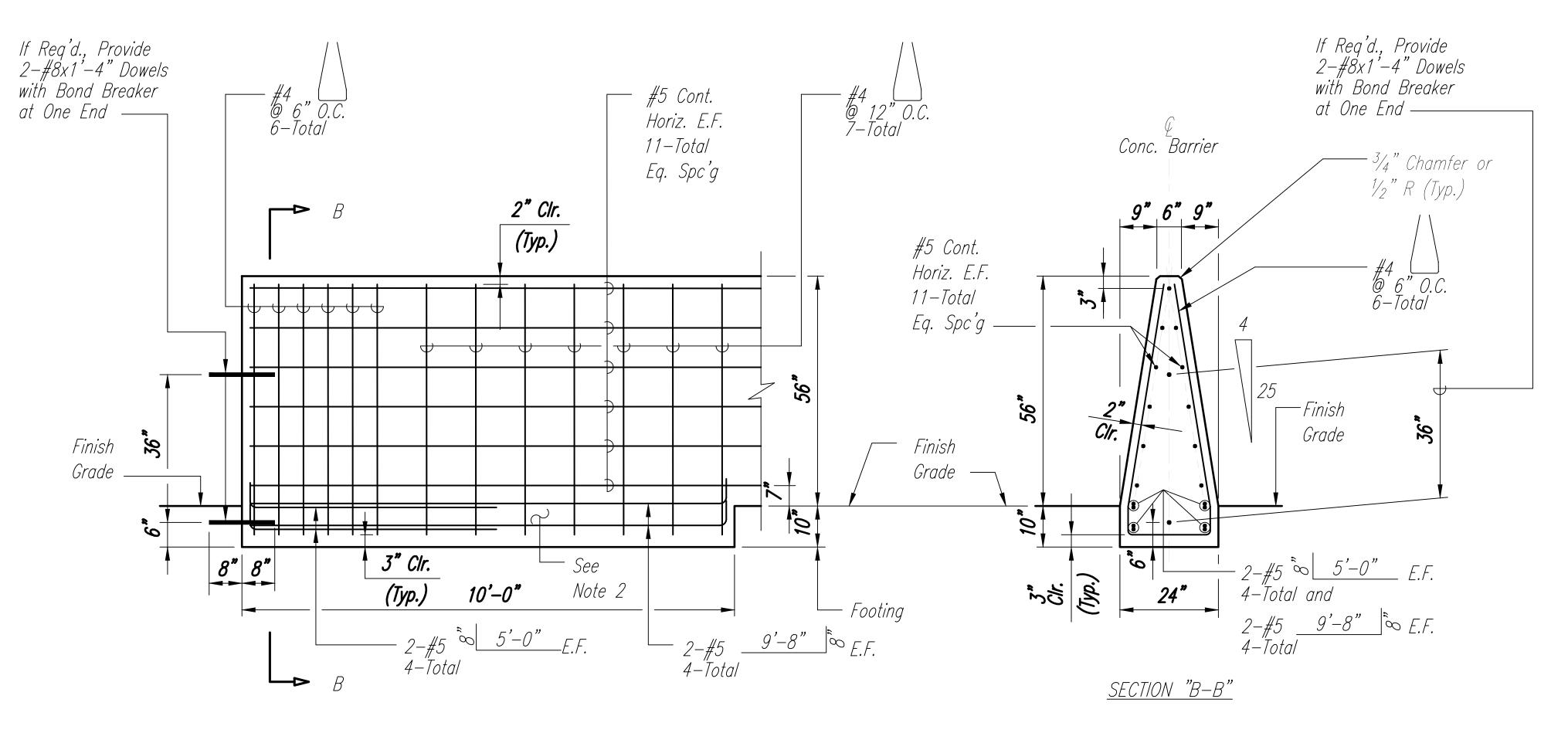
SHEET No. 6 OF 7 SHEETS



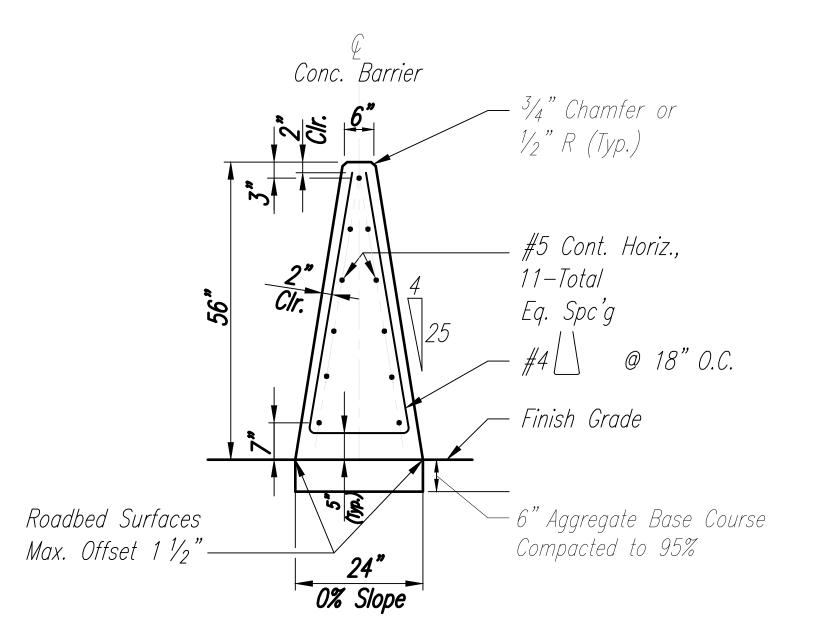
FED. ROAD DIST. NO. FED-AID PROJ. NO. SHEET TOTAL SHEETS FISCAL YEAR STATE HAW. | HSIP-093-1(031) 2022 *40*

NOTES:

- 1. Footing monolithic or doweled with 2-#8x8" @ 2'-0". The footing is required at single slope rigid barrier ends and at interruptions in single slope barrier.
- 2. Control point for offset distance located at centerline of concrete barrier.
- 3. See Roadway Plans for barrier delineation locations.



SINGLE SLOPE RIGID BARRIER TYPE 6G END ANCHORAGE Not to Scale



SINGLE SLOPE RIGID BARRIER TYPE 6GA

(Monolithic concrete glare screen/barrier)

Not to Scale



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4/30/24
EXPIRATION DATE OF LICENSE

Pohakunui Avenue to Interstate H-1 Federal Aid Project No. HSIP-093-1(031)

Date: November 2021

OF 7 SHEETS SHEET No. 2

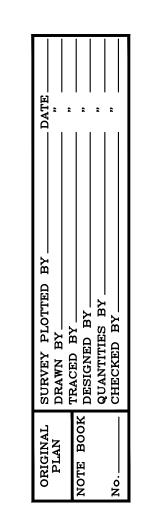
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

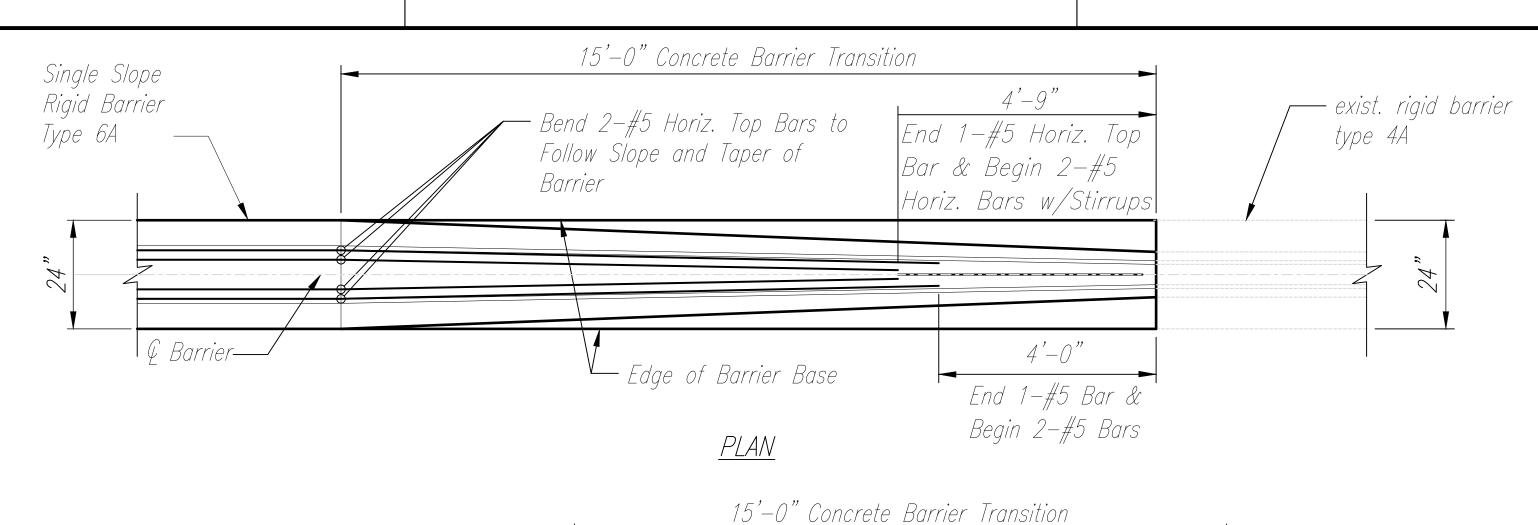
HIGHWAYS DIVISION

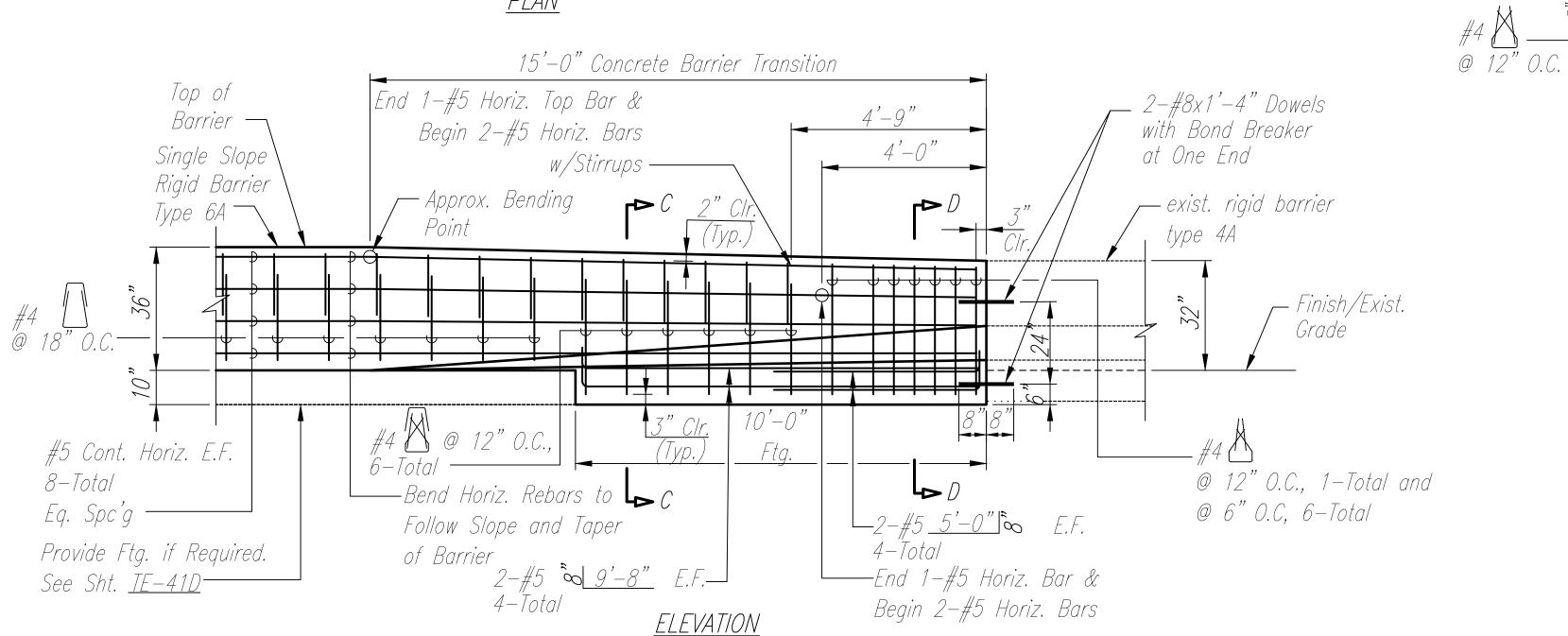
BARRIER DETAILS - 2

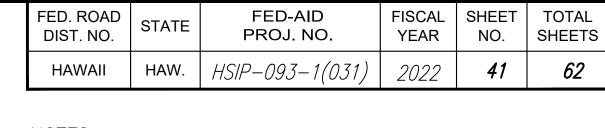
FARRINGTON HIGHWAY

SAFETY IMPROVEMENTS



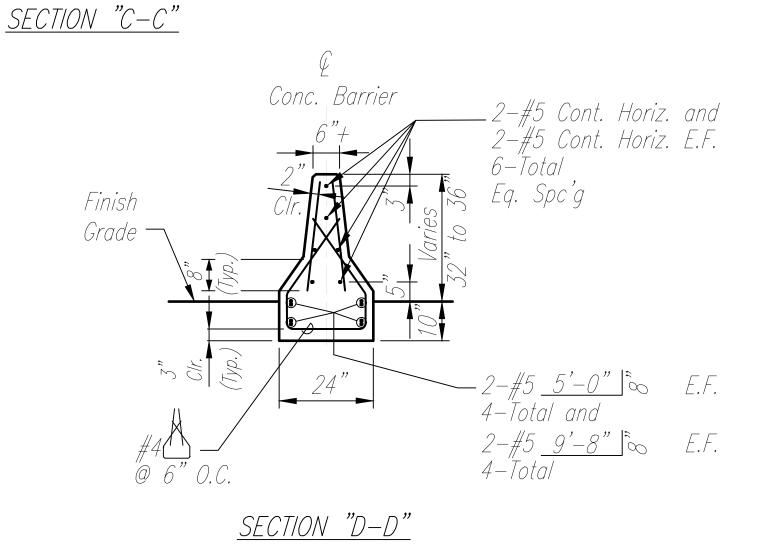






<u>NOTES:</u>

- 1. Footing monolithic or doweled with 2-#8x1'-4" @ 2'-0" O.C. The footing is required at single slope rigid barrier ends and at interruptions in rigid barrier.
- 2. 10" single slope rigid barrier footing extends 10' back from structure.



TRANSITION SINGLE SLOPE RIGID BARRIER TYPE 6A TO RIGID BARRIER TYPE 4A Not to Scale

3/4" Chamfer or

#5 Cont. Horiz. E.F.

1/2" R (Typ.)—

.. 8-Total

Eq. Spc'g

Finish

Grade —

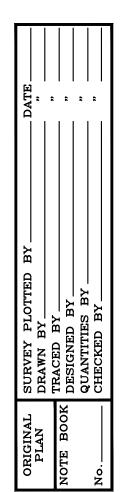
Conc. Barrier

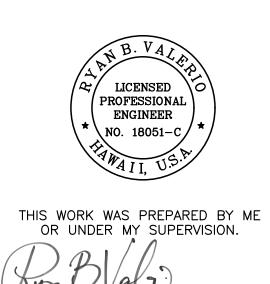
— Bars in

2-#5 9'-8" E.F. 4-Total

Same Plane

Var Var Var





EXPIRATION DATE OF LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

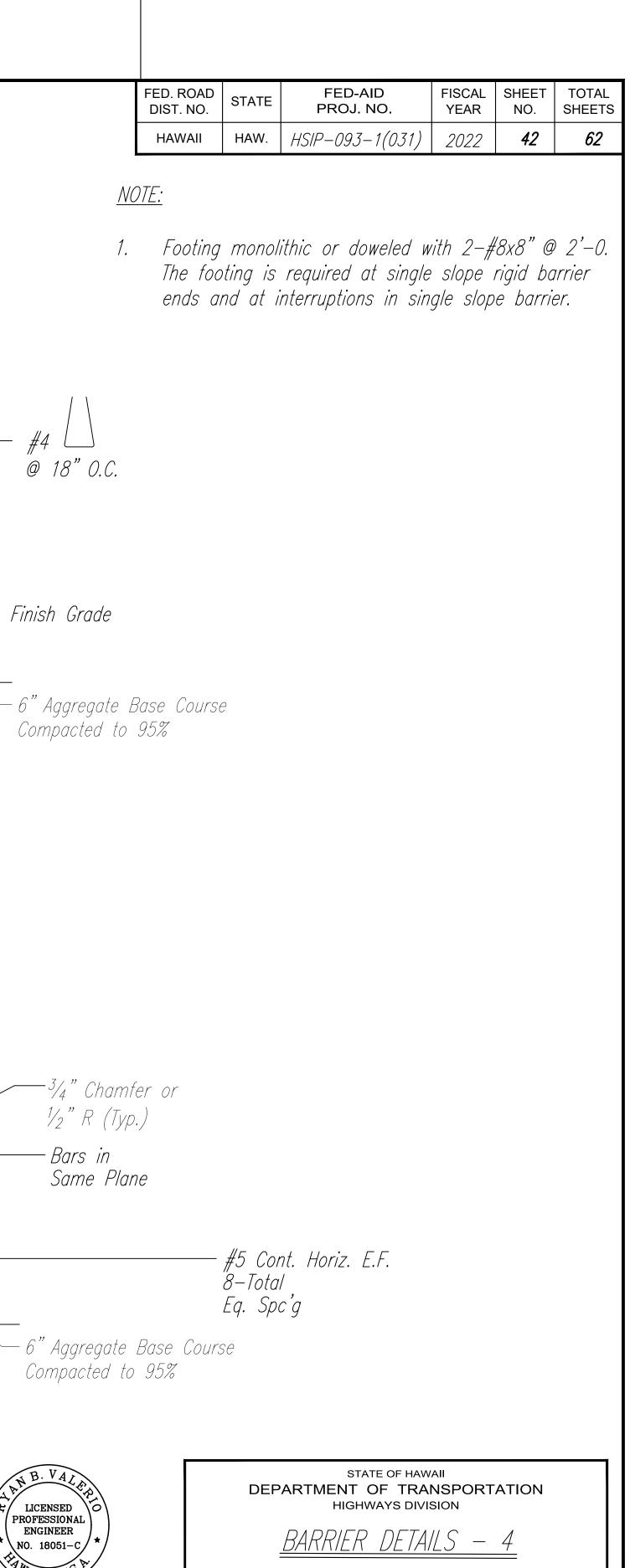
BARRIER DETAILS — 3

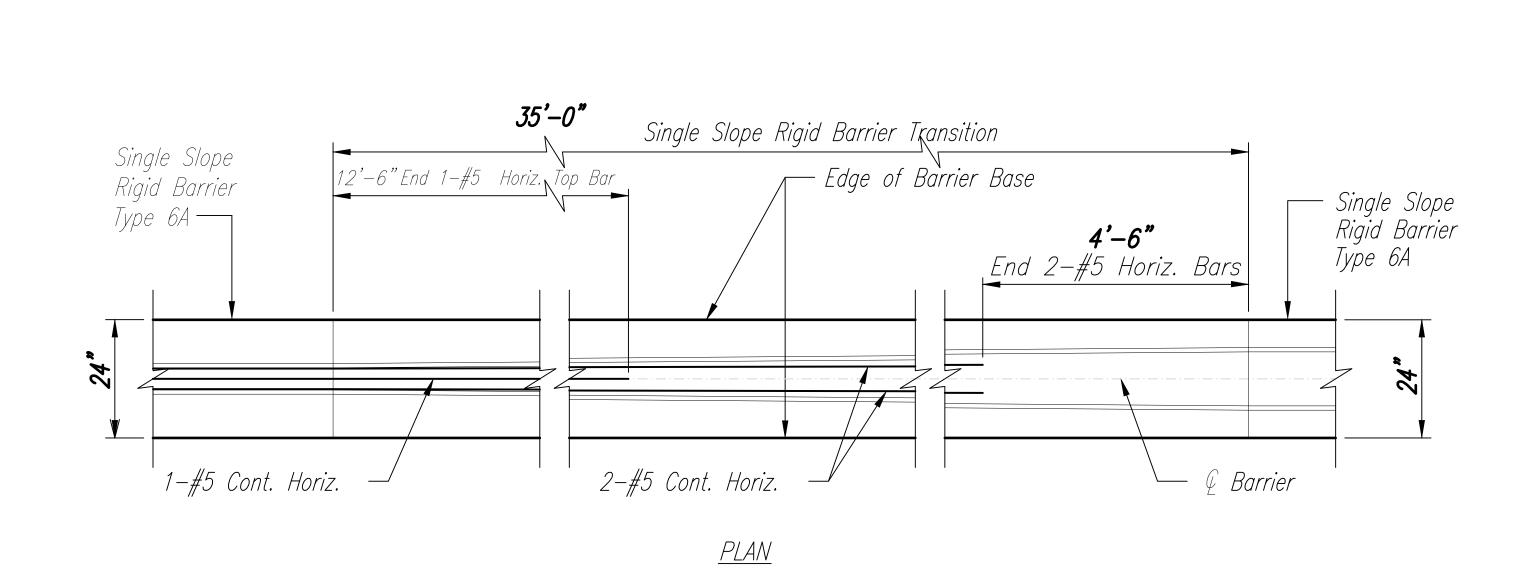
<u>FARRINGTON HIGHWAY</u> SAFETY IMPROVEMENTS

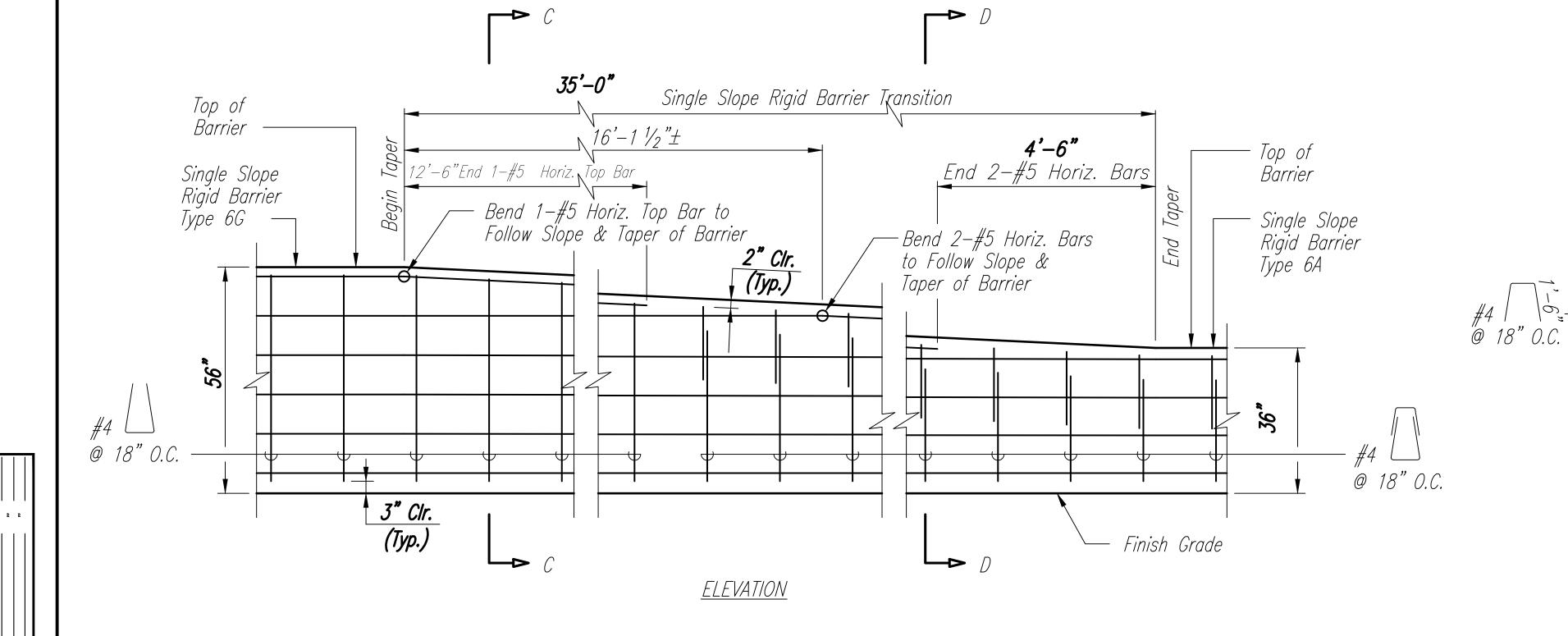
<u>Pohakunui Avenue to Interstate H-1</u> Federal Aid Project No. HSIP-093-1(031)

SHEET No. 3 OF 7 SHEETS

OF 7











Conc. Barrier

Var. Var. Var.

5" (Typ.)

SECTION "C-C"

Conc. Barrier

Var. Var. Var.

SECTION "D-D"

End 2-#5

Top Bars

"@ 18" O.C.

Horiz.

2

Clr.

3/4" Chamfer or

½" R (Typ.)—

#5 Cont.

Horiz. E.F.

11-Total

Eq. Spc'g

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Federal Aid Project No. HSIP-093-1(031) 4/30/24 EXPIRATION DATE OF LICENSE

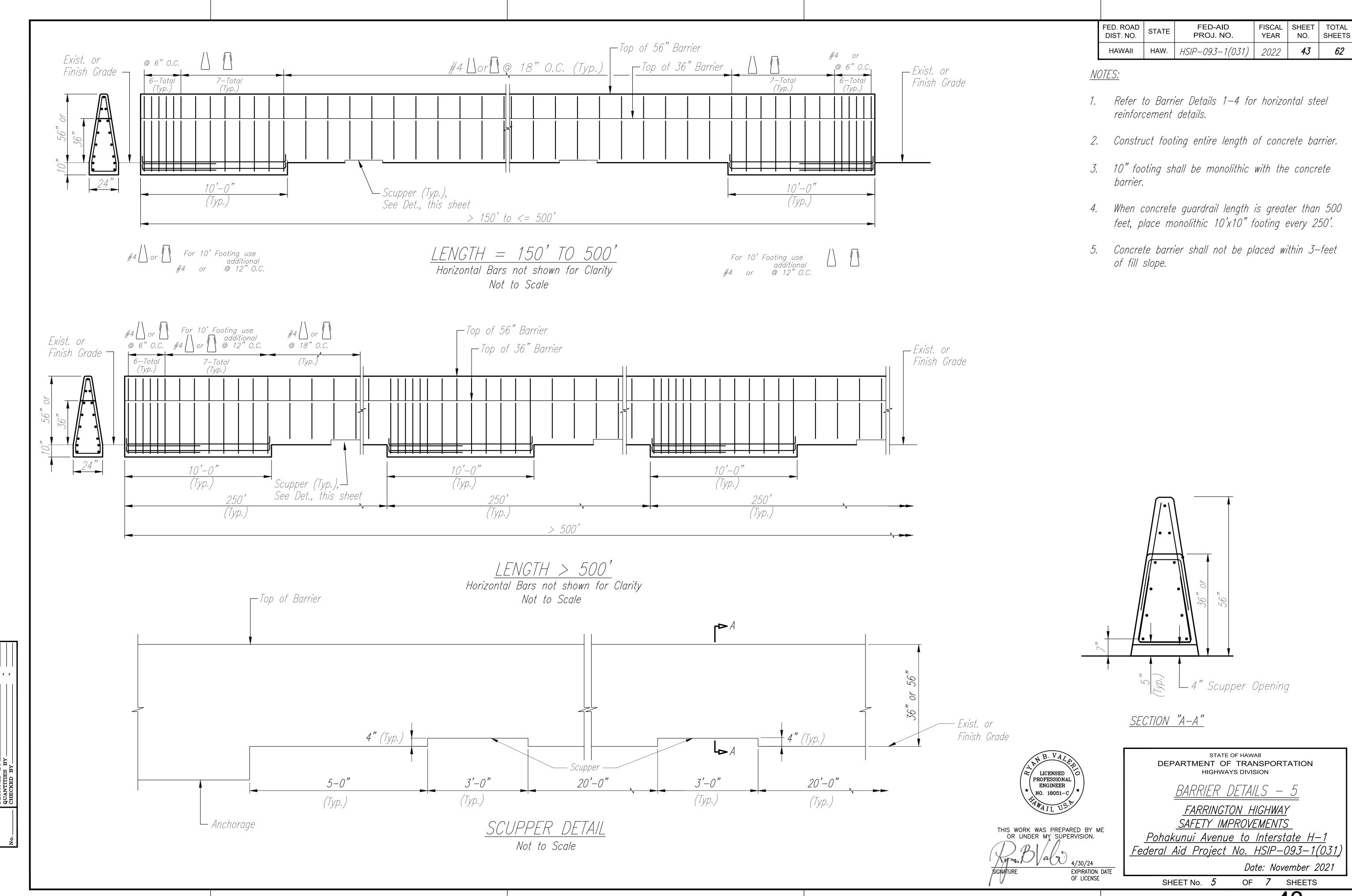
FARRINGTON HIGHWAY SAFETY IMPROVEMENTS Pohakunui Avenue to Interstate H-1

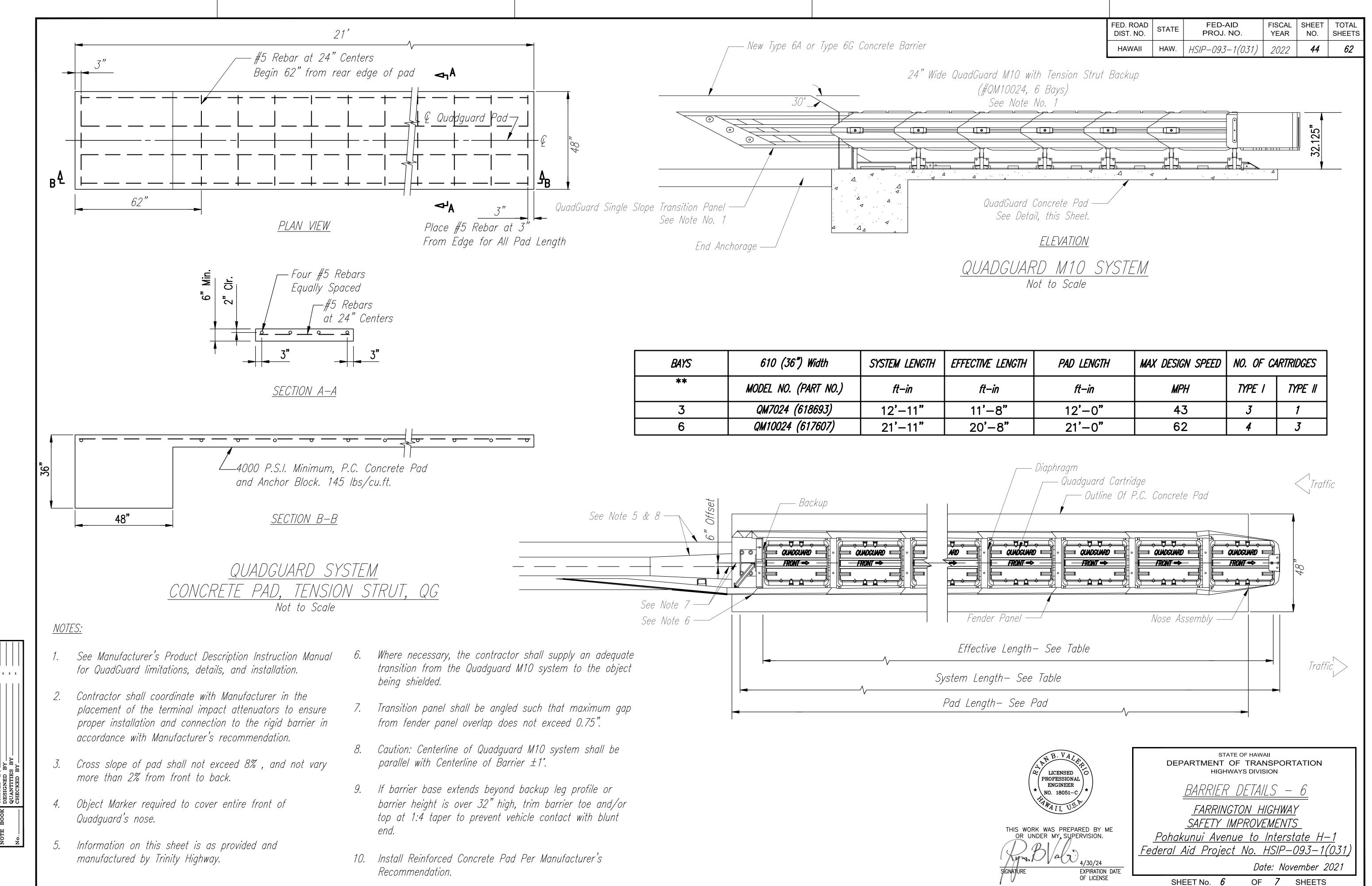
SHEET No. 4

Date: November 2021

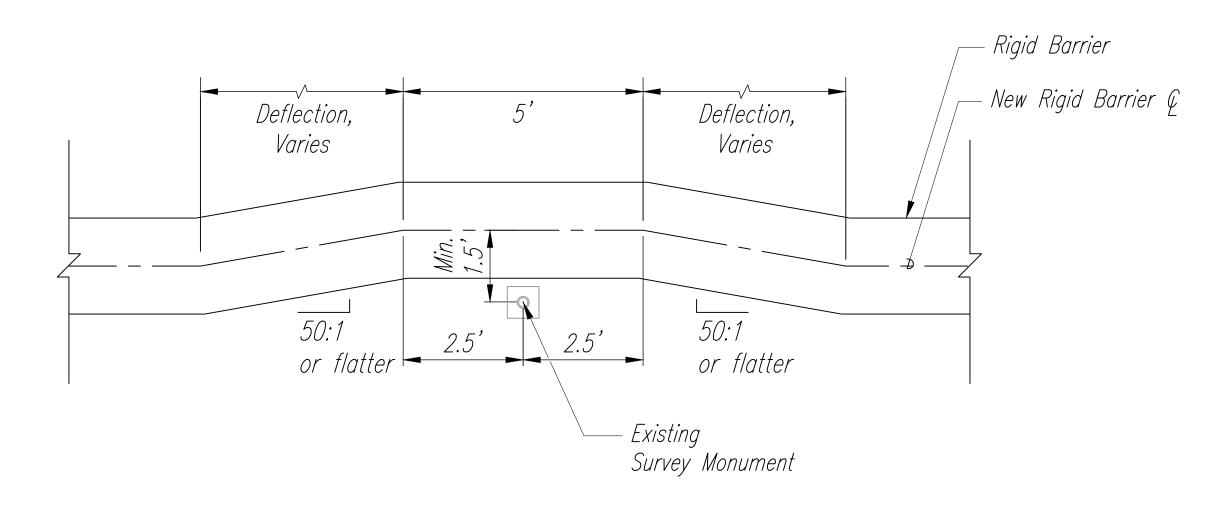
42

OF 7 SHEETS





FED. ROAD DIST. NO. STATE FED-AID PROJ. NO. FISCAL SHEET TOTAL YEAR NO. SHEETS 45 HAW. | HSIP-093-1(031) | 2022



RIGID BARRIER DEFLECTION DETAIL Not to Scale

NOTES:

- 1. Contractor shall field locate the existing survey monuments as noted on the Plans. If the existing survey monument is within 1.5' of the proposed rigid barrier centerline, Contractor shall deflect the barrier alignment, as noted in the detail, to avoid conflict with the existing survey monument.
- 2. Barrier deflection shall be in the direction opposite of the existing survey monument, relative to the original barrier centerline. If the survey monument is located exactly on the centerline, contractor shall deflect the barrier in direction of the higher side slope elevation.



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4/30/24 EXPIRATION DATE OF LICENSE

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

FARRINGTON HIGHWAY SAFETY IMPROVEMENTS Pohakunui Avenue to Interstate H-1

Federal Aid Project No. HSIP-093-1(031) Date: November 2021

OF 7 SHEETS SHEET No. 7

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