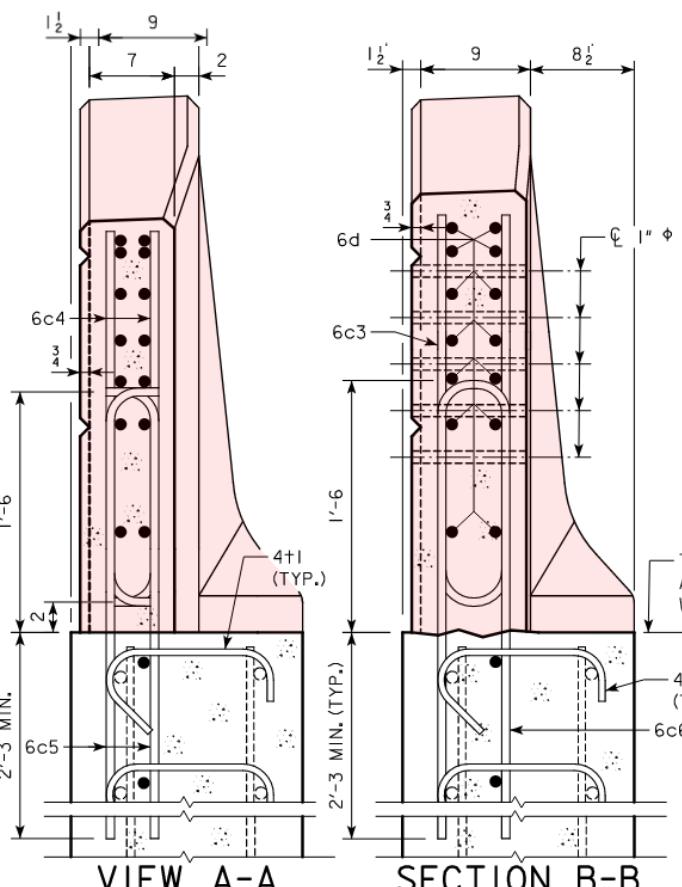
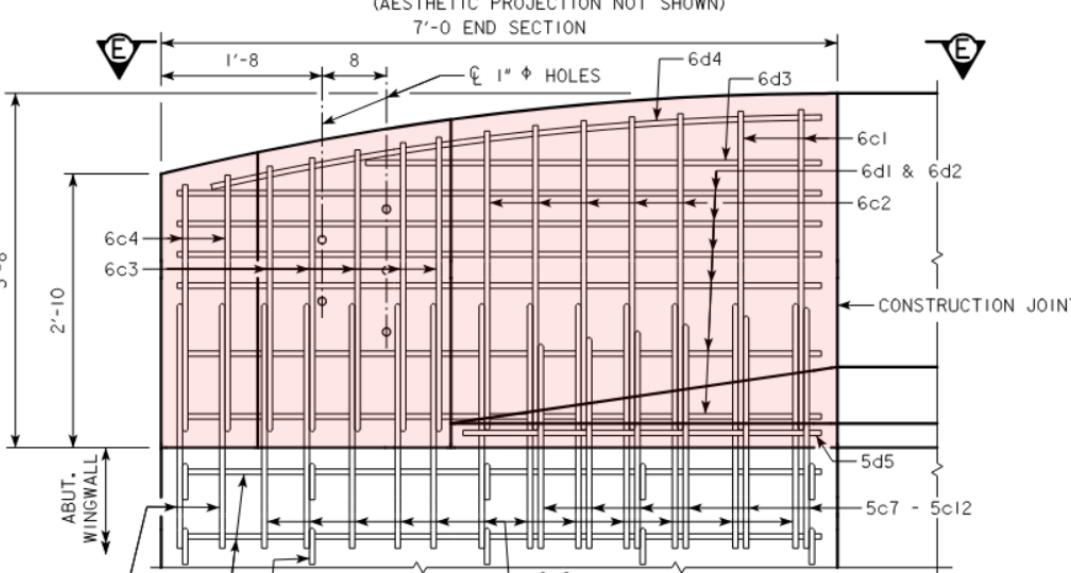
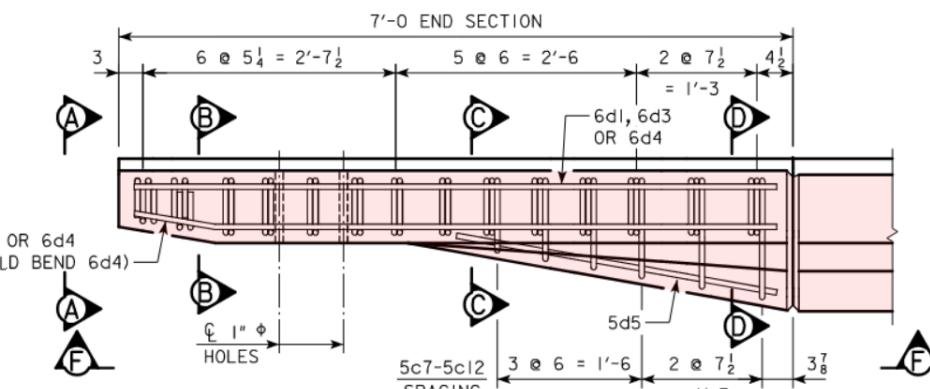


PART ELEVATION VIEW

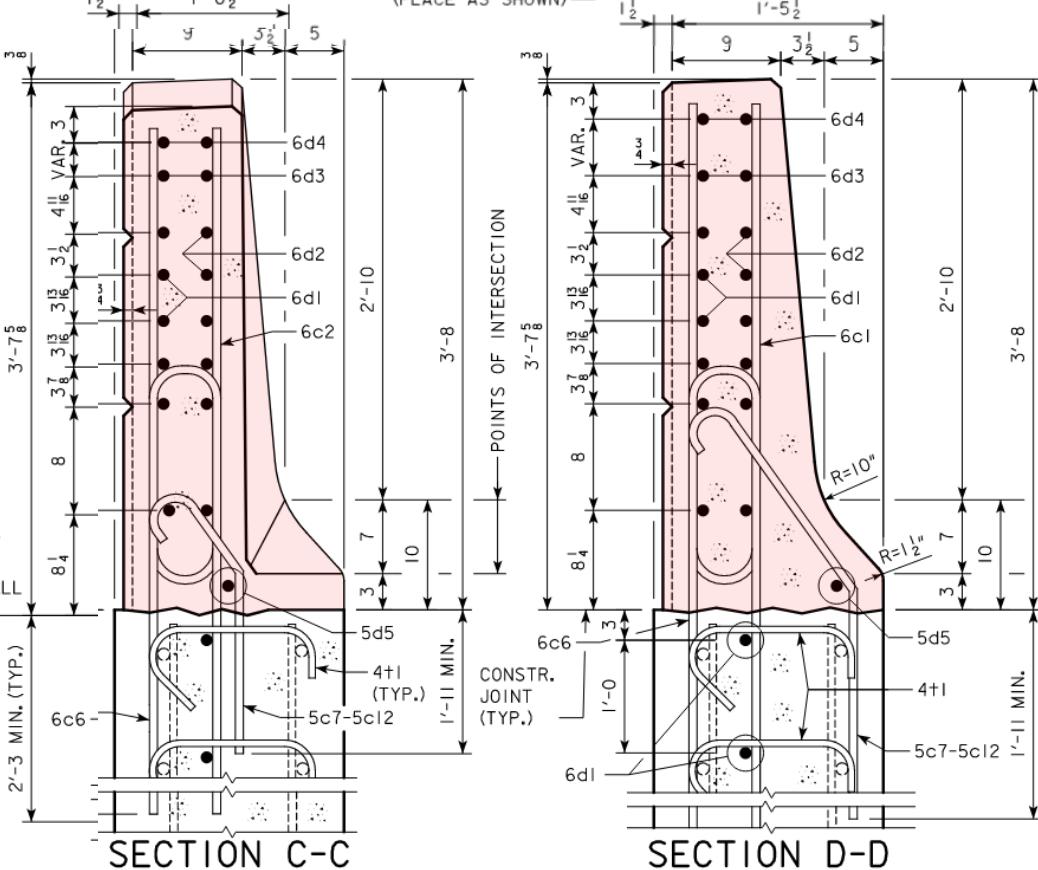
PROVIDE 5 HOLES FORMED WITH 1" ϕ PLASTIC CONDUIT. COST TO BE INCLUDED IN PRICE BID FOR "CONCRETE BARRIER RAILING, AESTHETIC".



NOTES:
1.



PART VIEW F-F



NOTE:
4+1 PLACEMENT- 5 BARS EACH LEVEL OF 6d1 IN WINGWALL FOOTING.

NOTE:
CONSTRUCTION JOINT BETWEEN TOP OF WINGWALL AND BARRIER RAIL IS ROUGHENED CONCRETE.

NOTE:
THE 10" RADIUS AND 1 $\frac{1}{2}$ " RADIUS ARE TYPICAL AND SHALL BE USED WHEN CONSTRUCTING THE CORNERS FOR VIEW A-A, SECTION B-B, SECTION C-C AND SECTION D-D.

NOTE:
THE 6c5, 6c6, 5c7-12, 2- 6d1 AND 4+1 BARS ARE TO BE PLACED WITH THE ABUTMENT WINGWALL.

NOTE:
DASHED LINES BELOW THE TOP OF WINGWALL ARE THE ABUTMENT WINGWALL REINFORCING STEEL.

EPOXY COATED REINF. STEEL - ONE END SECT.				
BAR	LOCATION	SHAPE	NO.	LENGTH
6c1	RAIL, VERTICAL	II	6'-11	
6c2	RAIL, VERTICAL	II	VARIABLES	
6c3	RAIL, VERTICAL	II	VARIABLES	
6c4	RAIL, VERTICAL	I	VARIABLES	
6d1	RAIL, HORIZONTAL	—	6'-8	
6d2	RAIL, HORIZONTAL	—	6'-9	
6d3	RAIL, HORIZONTAL	—	4'-5	
6d4	RAIL, HORIZONTAL	()	6'-6	
5d5	RAIL, HORIZONTAL	—	3'-9	
4+1	RAIL, ABUTMENT WINGWALL TIE BARS	—	1'-8 $\frac{1}{4}$	

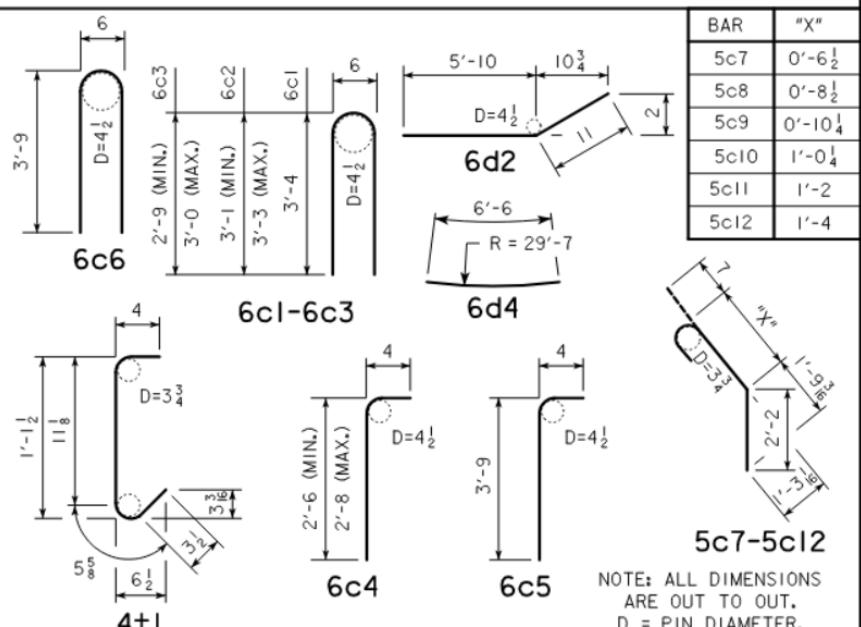
STAINLESS STEEL REINF. STEEL - ONE END SECT.				
BAR	LOCATION	SHAPE	NO.	LENGTH
6c5	RAIL, VERTICAL	I	4'-1	
6c6	RAIL, VERTICAL	II	8'-0	
5c7-12	RAIL, VERTICAL	I	VARIABLES	

NOTE: REINFORCING STEEL QUANTITIES ARE INCLUDED ON THE SUMMARY OF ITEMIZED QUANTITIES SHEET.

CONCRETE PLACEMENT SUMMARY

SECTION	TOTAL
BARRIER RAIL ONE END SECTION	0.78 CU. YD.
BARRIER RAIL ONE END AESTHETIC TREATMENT	0.05 CU. YD.

BENT BAR DETAILS



NOTE: ALL DIMENSIONS ARE OUT TO OUT.
D = PIN DIAMETER.

Unit Test Instruction for the Design-to-Construction Data Exchange		
.	.	.
1	12/22/23	
No.	Date	Issue / Revision Notes
Unit Test Description		
Level 1 Barrier Rail 02		
Drawn By DHC	Reviewed By CDC	Unit Test / Sheet No.

BIM FOR BRIDGES AND STRUCTURES
TPF-5(372)

HDR

jō consulting

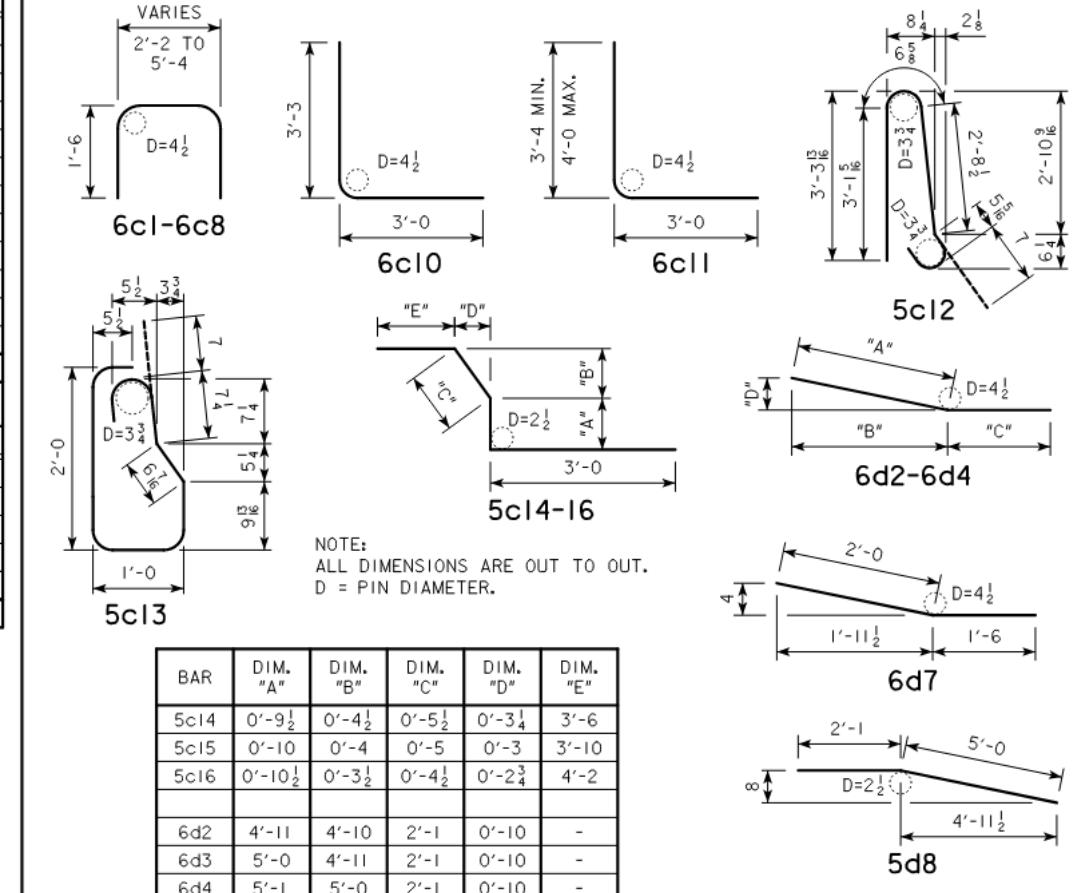
EPOXY REINF. STEEL-ONE CRASH CUSHION END POST

BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT
6ci-8	END BLOCK, TOP	□		VARIABLES	
5c12	RAIL, VERTICAL	△		7'-5"	
6d1	RAIL, HORIZONTAL	—		3'-6"	
6d2	END BLOCK, HORIZONTAL, TOP	／		7'-0"	
6d3	END BLOCK, HORIZONTAL, TOP	／		7'-1"	
6d4	END BLOCK, HORIZONTAL, TOP	／		7'-2"	
6d5	END BLOCK, HORIZONTAL	—		7'-0"	
6d6	END BLOCK, HORIZONTAL	—		7'-2"	
6d7	RAIL, HORIZONTAL	／		3'-6"	
5d8	END BLOCK, HORIZONTAL	／		7'-1"	

STAINLESS STEEL-ONE CRASH CUSHION END POST

BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT
6c10	END BLOCK, VERTICAL	□		6'-3"	
6c11	END BLOCK, VERTICAL	□		VARIABLES	
5c13	RAIL, VERTICAL	△		6'-0"	
5c14-16	END BLOCK, VERTICAL	／		VARIABLES	

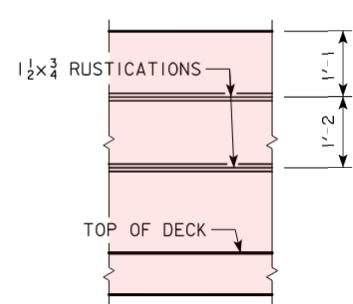
BENT BAR DETAILS



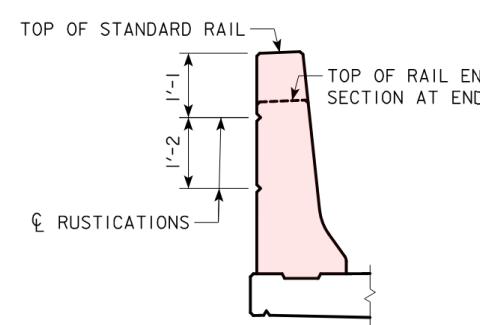
BARRIER AESTHETIC NOTES:

THIS WORK CONSISTS OF USING INTEGRALLY COLORED CONCRETE FOR CONCRETE BARRIERS AND THE CRASH CUSHION END POST SHOWN IN THIS PLAN. THE CONCRETE BARRIER MOCKUP AS DETAILED AND PAID FOR IN DESIGN NO. 120 OF THIS PROJECT MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO THE BEGINNING OF ANY PRODUCTION CONCRETE BARRIER WORK THAT INCLUDES INTEGRALLY COLORED CONCRETE. SEE THE "SPECIAL PROVISIONS FOR AESTHETIC TREATMENT OF CONCRETE BARRIER" FOR MORE REQUIREMENTS REGARDING THE USE OF RUSTICATION AND INTEGRALLY COLORED CONCRETE.

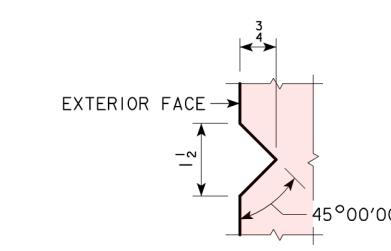
ALL COSTS FOR PROVIDING INTEGRAL COLOR AND RUSTICATION FOR CONCRETE BARRIERS AND THE CRASH CUSHION END POST SHALL BE INCLUDED IN THE BID ITEM "CONCRETE BARRIER RAILING, AESTHETIC".



TYP. ELEVATION OF BARRIER RAIL



TYP. SECTION THROUGH BARRIER RAIL



RUSTICATION DETAIL

NOTES:

1.

Unit Test Instruction for the Design-to-Construction Data Exchange

1 12/22/23

No. Date Issue / Revision Notes

Unit Test Description

Level 1 Barrier Rail 02

Drawn By

DHC

Reviewed By

CDC



L1-BarrierRail02 / 03