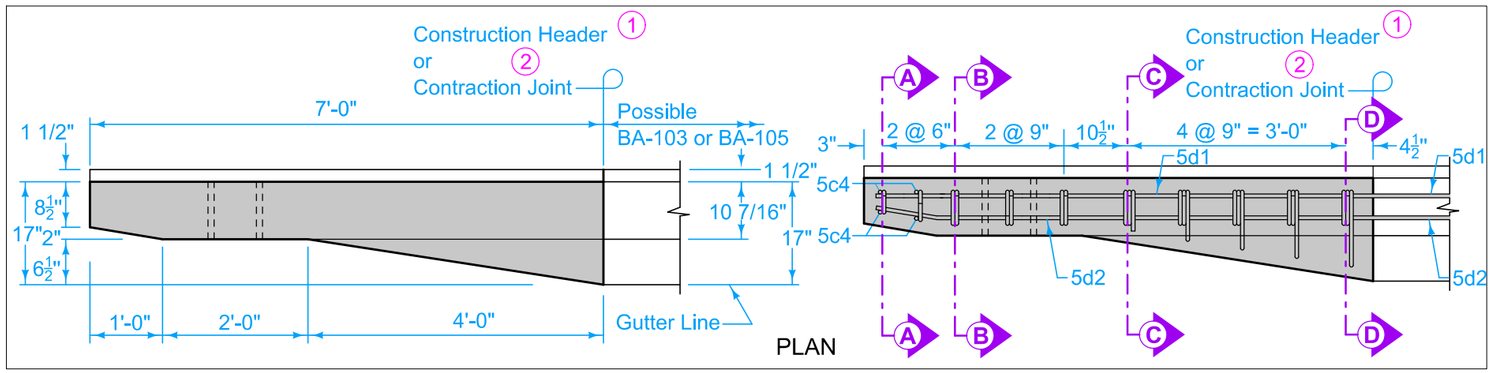
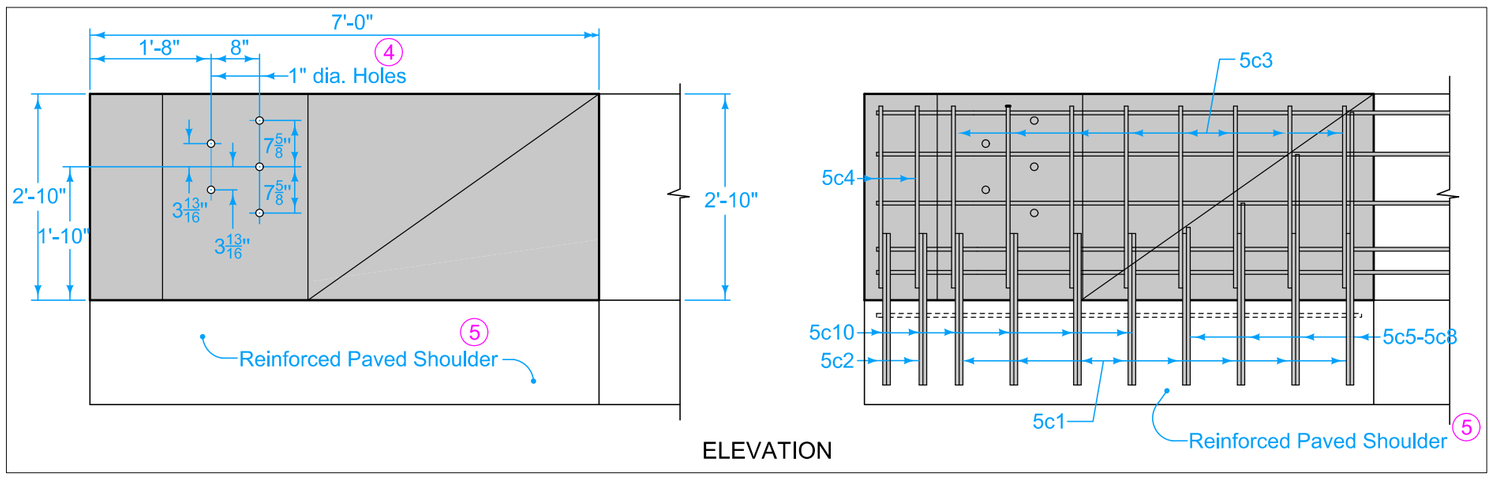
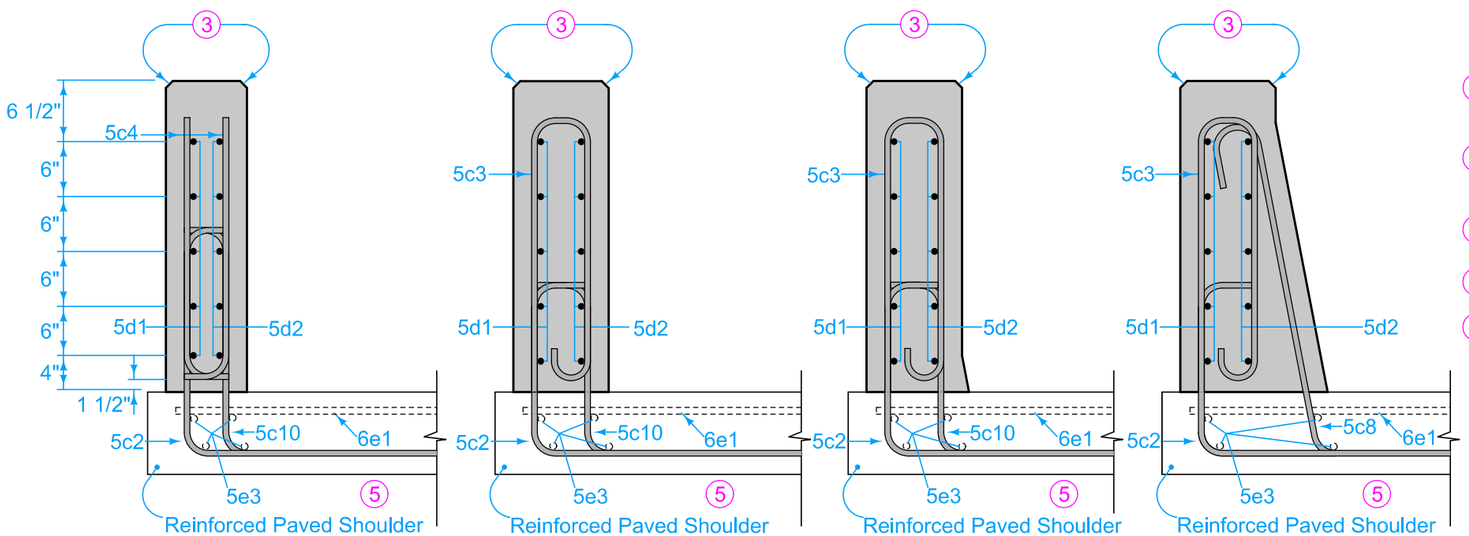
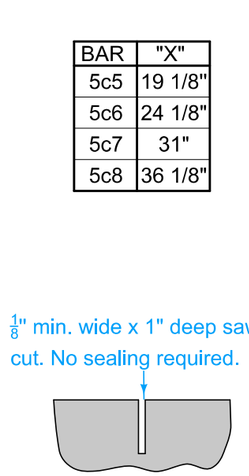






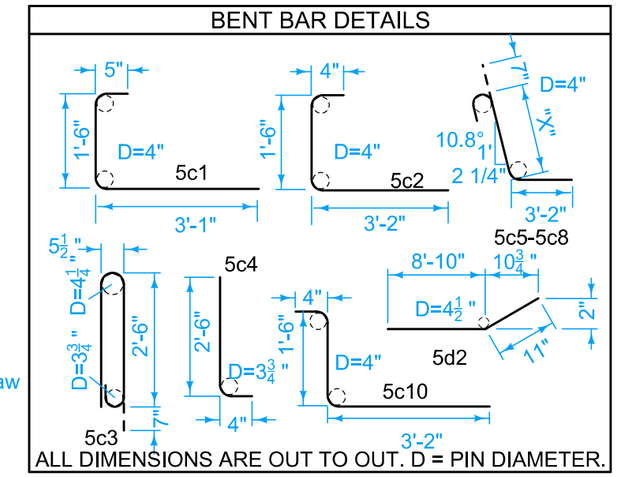
BAR	"X"
5c5	19 1/8"
5c6	24 1/8"
5c7	31"
5c8	36 1/8"



SAWED CONTRACTION JOINT

Saw cut top and front face.
Saw cut back if exposed.

CONCRETE QUANTITIES
Per End Section
0.7 cy



REINFORCING BAR LIST

BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT
5c1	VERTICAL	⌐	8	5'-0"	42
5c2	VERTICAL	⌐	2	5'-0"	10
5c3	VERTICAL	⌐	8	6'-1"	51
5c4	VERTICAL	⌐	4	2'-10"	12
5c5-5c8	VERTICAL	⌐	4	VARIES	17
5c10	VERTICAL	⌐	6	5'-0"	26
5d1	HORIZONTAL	—	5	10' 0"	35
5d2	HORIZONTAL	—	4	10' 0"	28
				TOTAL WEIGHT (LBS.)	225

Use Grade 60 epoxy - coated reinforcing bars. Provide 2 inches minimum cover. Anchor all reinforcement to prevent movement. Secure each section at the front, back, and at 3'- 6' intervals using a method approved by the Engineer.

1. Expansion joints are necessary only where specifically required by project plans. Conform expansion material to the shape of the barrier. No sealer is required.
2. Where abutting sections are placed as separate pours, a butt joint may be used. Extend longitudinal reinforcement into the abutting section a minimum of 3 feet.
3. Fillet all exposed corners with a ¾ inch dressed and beveled strip.
4. Form holes using 1 inch diameter plastic conduit.
5. See BA-106 for details of 5e3 bars, 6e1 bars, and reinforced paved shoulder.

Possible Contract Item:
Concrete Barrier Rail, BA-107

Possible Tabulation:
108-18B

IOWA DOT

STANDARD ROAD PLAN

REVISION	
5	10-20-26

BA-107

SHEET 1 of 1

REVISIONS: Changed distance behind barrier to 1.5".

APPROVED BY DESIGN METHODS ENGINEER

CONCRETE BARRIER END SECTION