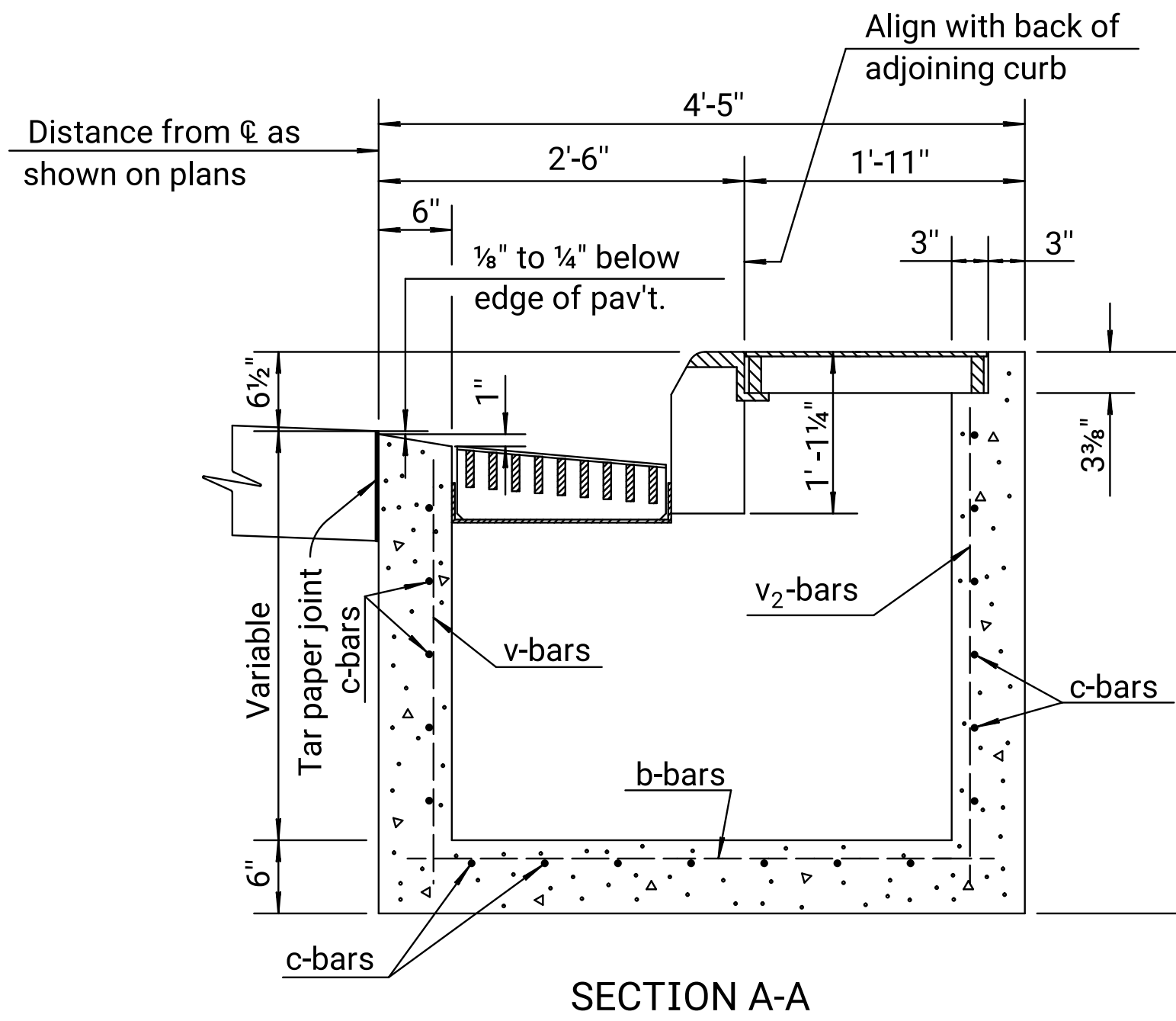
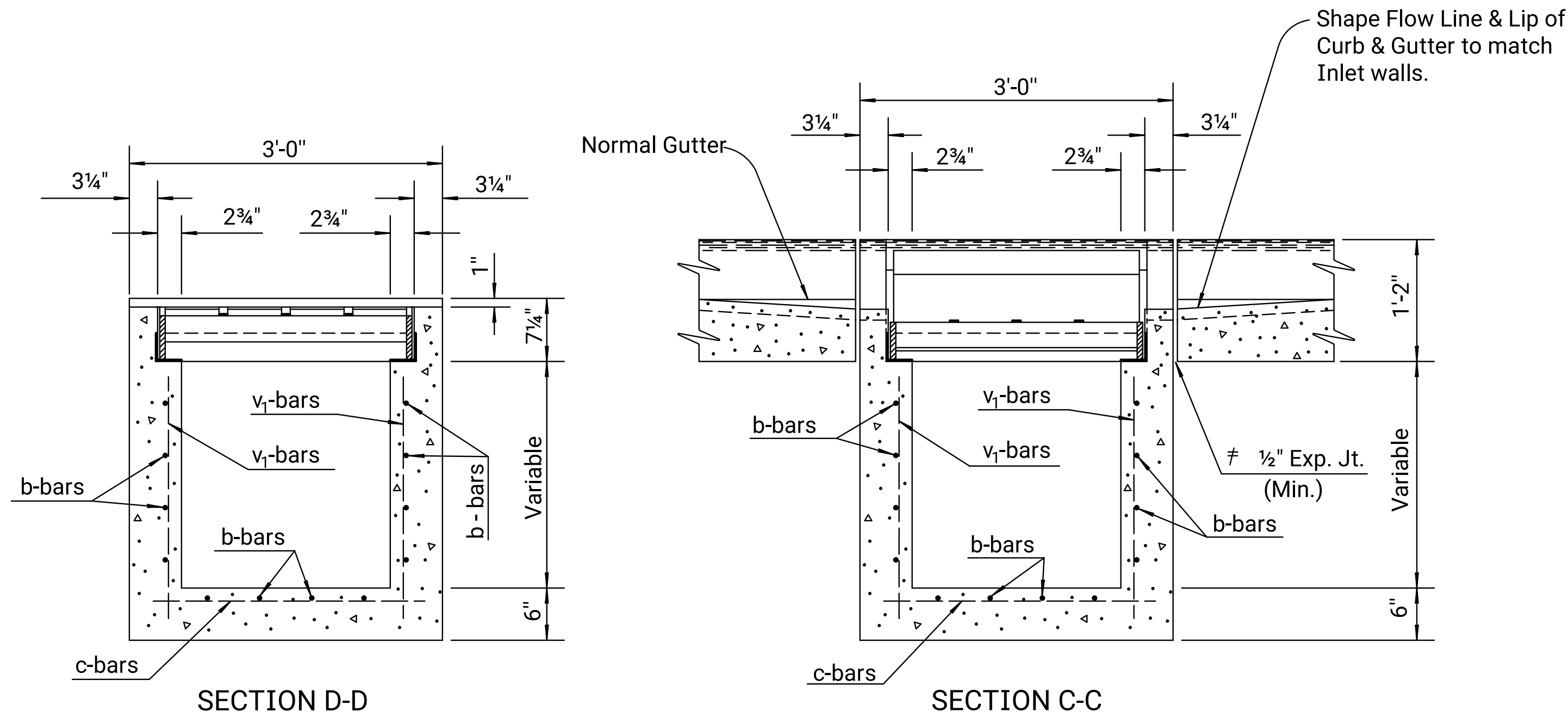


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS		0	0	



Note: All reinforcing shall be #4 at 6" centers.
Minimum clear distance to reinforcement shall be 1½".

Hot or cold poured joint sealing compound,
or Premoulded Exp. Jt. Filler (Type B or C).

Notes:

Concrete Grade 3.0, Concrete Grade 3.0 (AE), or the mix used in Concrete Pavement, at the Contractor's option, shall be used throughout.

All exposed edges shall be finished with an edging tool.

Reinforcing bars shall be bent around pipe.

No reduction in concrete quantities shall be made for pipe openings.

When directed by the Engineer, a small opening in the back of the inlet shall be provided in order to drain a low area.

Reinforcing bars shall extend through the opening. No reduction in concrete quantities will be made for this opening.

When directed by the Engineer, the top of the inlet shall be sloped slightly to approximately fit the ground line or other conditions.

The floor of the inlet shall be shaped as shown in various "EXAMPLES" on Reinforced Concrete Manhole Standard Drawing RD633.

No addition in concrete quantities shall be made for shaping floor of inlet.

No reduction in pay length of curb, gutter, or curb & gutter will be made through the inlet area.

All exposed structural steel shall be painted with a coat of inorganic zinc primer and then with a topcoat or a field coat of organic zinc, each coat to be 3 to 4 mils. As an alternate, all structural steel parts may be hot dip galvanized after fabrication in accordance with the Standard Specifications.

All structural steel shall comply with ASTM A-36, A-242, or A-441.

The weight of castings includes no allowance for fillets and overruns.

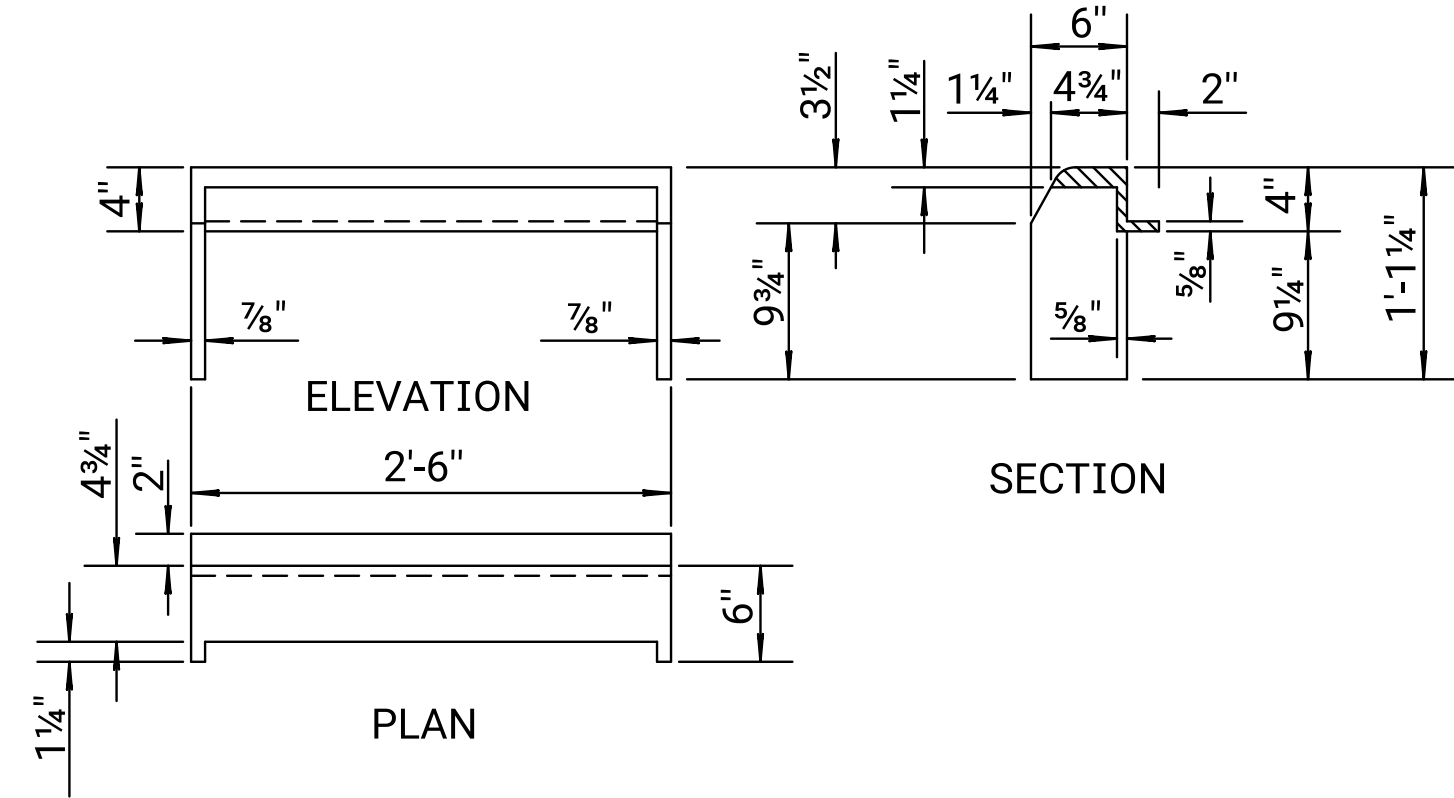
Curb and Gutter sections shall be shaped as shown where required by the installation of curb inlets. This work shall be subsidiary to other bid items.

See sheet entitled "Reinforcing Steel for Inlets and Manholes" for details and quantities.

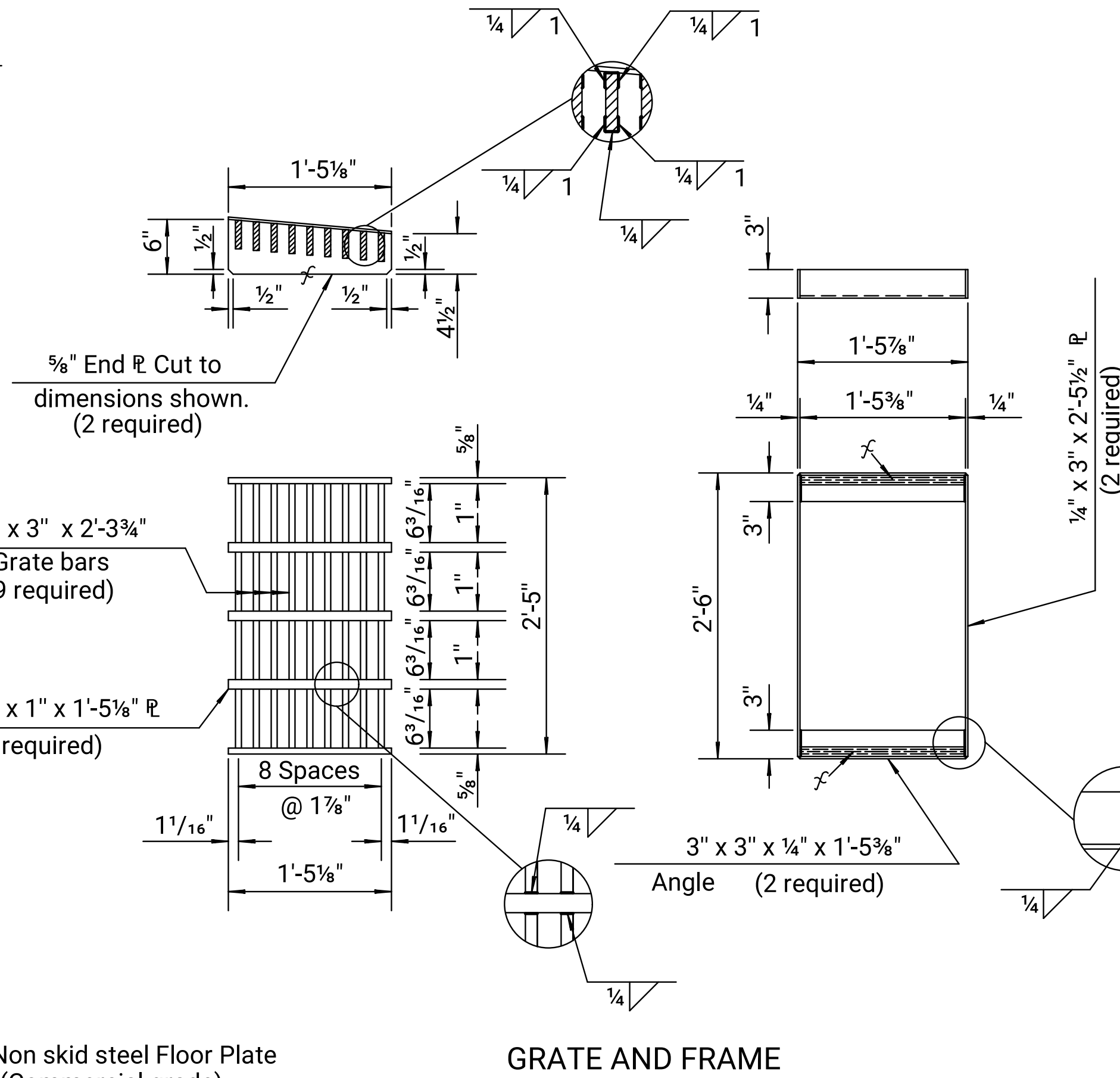
Minor variations in the shape of legs will be permitted but payment will be made on calculated weight.

Cast iron cover plate, constructed to the dimensions shown for structural steel cover plate, minimum weight 98 lbs. (approx.), will be allowed as an approved alternate.

All castings shall be gray iron and shall comply with the KDOT Standard Specifications.



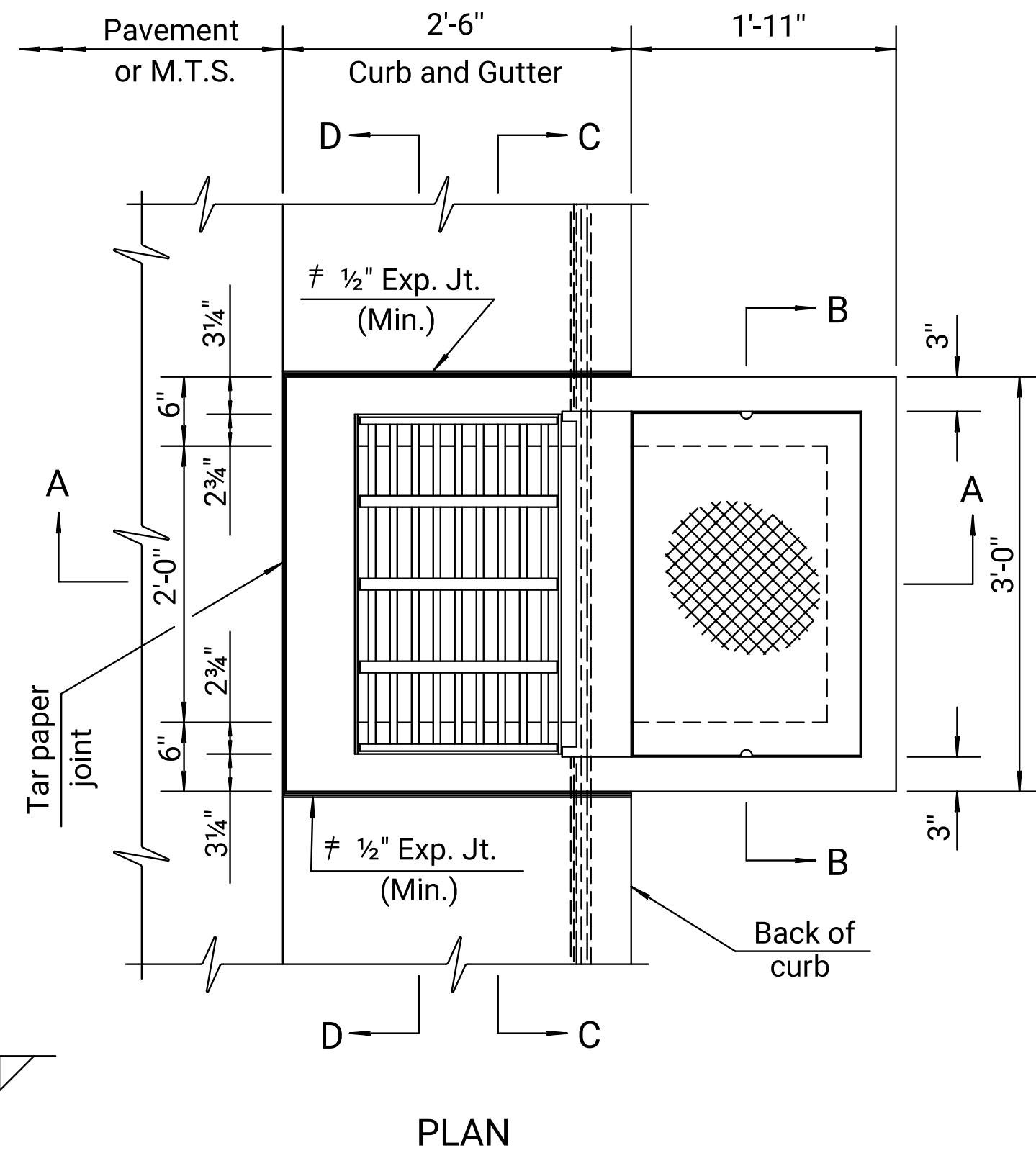
CURB CASTING (IRON)
Weight = 95 lbs. Each



GRATE AND FRAME

* Non skid steel Floor Plate
(Commercial grade)

Welded Structural Steel Grate & Frame.
△ Weight = 195 lbs. Each (With Plates)



PLAN

Note: To prevent grate from rocking on bearing angles, machine finish surfaces indicated thus "f".

△ On all Interstate and rural area projects, the three ¼" x 1" x 1'-5⅝" plates are to be omitted. The weight of the grate and frame without these plates is 192 lbs. of Structural Steel.

* STRUCTURAL STEEL COVER PLATE
Weight = 98 lbs. Each

** At the contractors option, the supports on the cover plate may be made with the "feet" portions welded to the 1½" steel bars. The weld shall be ⅝" full length, each side and ground smooth on the outside.

20	10-31-17	Joint Filler Type C Added	A.L.R.	S.W.K.
19	01-28-05	Changed Class to Grade concrete	S.W.K.	J.O.B.
18	03-02-99	Added hot dip galvanized option.	R.J.S.	J.O.B.

NO.	DATE	REVISIONS	BY	APPD
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KANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL
TYPE "B" CURB INLET
FOR 8" HEIGHT OF CURB

RD638

DESIGNED	03-05-18	APPD.	Scott W. King
DESIGN CK.	03-05-18	APPD.	Scott W. King
QUANTITIES	03-05-18	APPD.	Scott W. King
QUAN. CK.	03-05-18	APPD.	Scott W. King

KDOT Graphics Certified 05-16-2022 Sh. No. 0