**VANE GRATE INLET**

**SECTION A-A**

- **2-503**
- **77' FRAME**
- **Hoop Repair 2-503 Around Pipe Penetraions**

**SECTION B-B**

- **31 1/8 FRAME**
- **29 1/2 GRATE**
- **Flow Arrows Shown In Direction of Flow (Typ.)**

**LEGEND**

- **Grate to be installed during construction of the box with the same grate bolted in place to the frame.**
- **To facilitate removal of the grate plate, including 3 in. x 3/4 in. x 34 - 3/4 in. along edge of the grate as shown.**

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**Project Development Branch**

- **SRJ/LTA**

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**STANDARD PLAN NO. M-604-25**

- **Issued By:** Project Development Branch on July 30, 2006
- **Sheet No. 2 of 5**
CONCRETE APRON FOR 72 IN. INLET

EXPANSION JOINT (TYP.)

SECTION E-E

ROADWAY CROSS SLOPE

EXPANSION JOINT (TYP.)

SECTION F-F

ROADWAY CROSS SLOPE

NOTES
1. A 2 FT. CONCRETE TRANSITION APRON SHALL BE CONSTRUCTED AS SHOWN AND SHALL BE RATED INTO THE INLET.
2. CONCRETE APRON SHALL BE THE SAME THICKNESS AND TYPE AS THE SURROUNDING CONCRETE.
3. THE COST OF THE CONCRETE APRON SHALL BE INCLUDED THE COST OF THE INLET.

* IF THE INLET IS EFFECT FROM THE BARRIER, SLOPE THE APRON ALONG TO THE BARRIER TO DIRECT FLOW TOWARDS THE GRAVE.