GENERAL NOTES

1. The finished grade and slope of the inlet tops are to conform with the finished cross slope and grade of the proposed sidewalk and/or border.

2. For inlets constructed on a curve, refer to the plans to determine the radius, and modify the inlet details accordingly. Bend steel when necessary.

3. Reinforcing steel to be Grade 60 bars with 5/16" minimum cover unless otherwise shown, see Sheet 4 for equivalent area Welded Wire Reinforcement details.

4. Inlet tops shall be either cast-in-place or precast concrete. Precast units shall conform to the dimensions shown or in accordance with approved shop drawing’s. Request for shop drawing approval shall be directed to the State Drainage Engineer.

5. Concrete meeting the requirements of ASTM C476 (4,000 psi) may be used in lieu of Class II concrete for precast units, manufactured in plants which meet the requirements of Section 44B of the Specifications.

6. Corner fillets are required at inlet opening for precast units or un-cut concrete units used in conjunction with corner concrete or skewed rectangular inlet boxes. Finish top of fillets to match drain trough bottom and match slope.

7. For inlet bottoms see Index No. 200. Inlet tops are to be used with Type P, bottoms, or Type J bottoms with 3-6" square (Type B), 3-6" or 4 round (Type A) risers or top slab openings.

8. These inlet tops are designed for use with standard curb and gutter Type E and Type F. Locate inlet outside of pedestrian crosswalks. For Type E curb, transition the shape of the curb over the gutter transition length to match the face of the inlet (Type F).

9. See Index No. 201 for supplemental details.

10. All steel used for frame and grate shall meet the requirements of ASTM A36/A36M.

11. Either cast iron grates or steel grates may be used.

12. When Alternate "C" grate is specified in the plans either the cast iron grate and galvanized steel frame or the galvanized steel grate and frame must be used. Grates are to be grouted in accordance with the grouting details shown on Sheet 5, in lieu of tack welding.

13. Inlet to be paid for under the contract unit price for Inlets (Curb) (Type E). Each.

2010 FDOT Design Standards
CURB INLET TOPS
TYPES 5 & 6

SKETCH SHOWING FRAME SEAT AND THROAT RECESS