Extension unit may be used on either or both sides of SW-541 intakes. Details are similar when extension unit is on the opposite side.

1. g3 for 6 inch standard curb; g5 for 4 inch sloped curb.
2. c1 for 6 inch standard curb; c2 for 4 inch sloped curb. See SW-541 for reinforcing.
3. The location station is where the centerline of intake meets the back of the curb line.

Placing sequence: 1. Base; 2. Walls and Extension; 3. Top; 4. Insert
SECTION A-A

SECTION B-B

SECTION C-C

6 INCH STANDARD CURB
4 INCH SLOPED CURB

SECTION A-A

SECTION B-B

SECTION C-C

4:1 Slope (Horizontal:Vertical)

See SW-541 for reinforcing.
1. g3 for 6 inch standard curb; g5 for 4 inch sloped curb.
2. c1 for 6 inch standard curb; c2 for 4 inch sloped curb. See SW-541 for reinforcing.
3. See SW-541 for reinforcing.

FIGURE 6010.542 STANDARD ROAD PLAN
EXTENSION UNIT FOR OPEN-THROAT CURB INTAKE UNDER PAVEMENT

SECTION D-D

SECTION E-E

Keyed Construction Joint

Bottom Edge of Intake Top

Bottom edge of intake top at face of intake