STANDARD CATCH BASIN AND CLEANOUT BOX 
SITUATION AND LAYOUT 

NOTES:
1. USE APPROVED DEFORMED CARBON STEEL CONCRETE BARS CONFORMING TO AASHTO M 240-85 AND M 216-85 SPECIFICATIONS.
2. FIELD CUT AND RETAIN DEFORMED STEEL AS NECESSARY TO CLEAR PIPES AND MOUNT 2 INCH CONCRETE FRAME WALLS.
3. USE TYPE II CEMENT (LOW ALKALI).
4. USE TYPE I CEMENT (LOW ALKALI).
5. PROVIDE 2 INCH CONCRETE COVER TO RENOVATE ALL STEEL.
6. PROVIDE 2 INCH CHAMFER ON ALL EXPOSED CONCRETE CORNERS.
7. SEE ROADSIDE PLANS FOR NUMBER, LOCATION, AND SIZE OF PIPES.
8. SEE STD DWG CB 1 AND CB 3 FOR CURB AND GUTTER APPLICATION.
9. See Section B-B for curb and gutter application quantities for curb and gutter in roadway quantities.

INDEX OF SHEETS
(CB 9A) A: SITUATION & LAYOUT
(CB 9B) B: SECTION DETAILS
(CB 9C) C: SCHEDULE OF INSTALLATION FOR 16-42 INCH DIA. 12-48 INCH CMP
(CB 9D) D: SCHEDULE OF INSTALLATION FOR 48-66 INCH DIA. 78-96 CMP

DESIGN DATA
US AS IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN AND INTERIM SPECIFICATIONS
STRUCTURAL STEEL: Fy = 40,000 psi
STRUCTURAL CONCRETE: f'c = 4,000 psi; fy = 6,000 psi; n = 8

SOLID COVER Application
CLEANOUT BOX
SECTION B-B

SECTION A-A
SECTION B-B

CATCH BASIN
GRATE AND FRAME APPLICATION

OPTIONAL CONSTRUCTION METHOD FOR CURB & GUTTER APPLICATION, SEE GENERAL NOTE B

RECOMMENDED CONSTRUCTION APPROACH
1. USE TYPE II CEMENT (LOW ALKALI).
2. PROVIDE 2 INCH CONCRETE COVER TO RENOVATE ALL STEEL.
3. PROVIDE 2 INCH CHAMFER ON ALL EXPOSED CONCRETE CORNERS.
4. SEE ROADSIDE PLANS FOR NUMBER, LOCATION, AND SIZE OF PIPES.
5. SEE STD DWG CB 1 AND CB 3 FOR CURB AND GUTTER APPLICATION.
6. See Section B-B for curb and gutter application quantities for curb and gutter in roadway quantities.