

2.0 CONSTRUCTION PLAN PREPARATION

2.4.2 Storm Sewer Design Guidelines

General guidelines for the design of closed conduit systems, storm sewers, are outlined below.

- (1) Diversion of flow from one natural drainage area to another will not be allowed;
- (2) Show plan and profile of all storm sewers;
- (3) Pipe Material in City rights-of-way or easements shall conform to the following minimum requirements:
 - Roadway Crossings **or Under Paved Commercial Parking Lots**
 - RCP Class III or Class IV
 - ASTM C-76
 - ASTM C-506
 - ASTM C-507
 - Box Culverts and Small Bridges
 - ASTM C-1433
 - ASTM C-507
 - Mains and Laterals
 - Aluminized Steel Type 2 Corrugated Steel Pipe
 - ASTM A-929
 - ASTM A-760
 - RCP Class III or Class IV
 - ASTM C-76
 - ASTM C-506
 - ASTM C-507
 - Box Culverts and Small Bridges
 - ASTM C-1433
 - ASTM C-507

Alternative pipe materials for use outside City rights-of-way or easements shall be approved by the City Engineer.