

- A. Removal of Article 410-VII Stormwater Management For Public And Private Improvements with the implementation of the new Stormwater Management and Design Criteria Manual (SMDCM).
- B. Revisions to Article 410-VII Stormwater Management For Public And Private Improvements related to Stormwater Management and Design Criteria Manual¹:
 - 1. **Section 410.650 - General Provisions**
 - a. Sub-section A. Scope. – Covered in Section 1.1 of SMDCM
 - b. Sub-section B. Authority. – Covered in Section 1.2 of SMDCM
 - c. Sub-section C. Interpretations. – Covered in Section 1.3 of SMDCM
 - d. Sub-section D. Appeals. – Covered in Section 1.4 of SMDCM
 - e. Sub-section E. Approvals and Permits Required. – Covered in Section 1.5 of SMDCM
 - f. Sub-section F. Coordination with Other Jurisdictions – Covered in Section 1.6 of SMDCM
 - g. Sub-section G. Communications – Covered in Section 1.7 of SMDCM
 - h. Sub-section H. Ownership and Maintenance – Covered in Section 1.8 of SMDCM
 - 2. **Section 410.660 – Stormwater Planning and Design**
 - a. Sub-section A. Stormwater Management Goals – Covered in Section 2.1 of SMDCM
 - b. Sub-section B. General Planning and Design Principles – Removed from SMDCM
 - 3. **Section 410.670 – Stormwater Runoff Calculations**
 - a. Sub-section A.1 Determining Stormwater Runoff – Removed from SMDCM
 - b. Sub-section A.2 Rational Formula – Covered in Section 3.3 of SMDCM
 - c. Sub-section A.3 Time of Concentration – Covered in Section 3.6 of SMDCM
 - d. Sub-section A.4 Hydrograph Methods – Covered in Section 3.4 of SMDCM
 - e. Sub-section A.4.a.(4) Runoff Model – Covered in Section 2.2 of SMDCM
 - f. Sub-section A.4.b Rainfall – Covered in Section 3.4.2 of SMDCM
 - 4. **Section 410.680 – Stormwater Drainage Structures**
 - a. Sub-section A. Inlets – Covered in Section 4.2 of SMDCM
 - b. Sub-section A.5 Allowable Street Depths – Covered in Section 4.3 of SMDCM
 - c. Sub-section A.5.b. Cross flow – Covered in Section 4.3.5 of SMDCM
 - d. Sub-section A.5.c. Hydraulics – Covered in Section 4.3.6 of SMDCM
 - e. Sub-section A.6. Types of Inlets Allowed – Covered in Section 4.2.5 of SMDCM
 - f. Sub-section B. Storm Sewers – Covered in Section 4.1 of SMDCM
 - g. Sub-section B.1.c. Vertical Alignment – Covered in Section 4.1.7 of SMDCM
 - h. Sub-section B.1.d Horizontal Alignment – Covered in Section 4.1.8 of SMDCM
 - i. Sub-section B.1.e. Pipe Size – Covered in Section 4.1.5 of SMDCM
 - j. Sub-section B.1.f. Storm sewer capacity and velocity – Covered in Section 4.1.5 of SMDCM
 - k. Sub-section B.1.g. Storm sewer outlets – Covered in Section 4.1.9 of SMDCM
 - l. Sub-section B.1.h. Hydraulic Evaluation – Covered in Section 4.1.10 of SMDCM
 - m. Sub-section B.1.i. Pipe friction losses – Covered in Section 4.1.10.4.1 of SMDCM
 - n. Sub-section B.2. Easements – Covered in Section 1.8.2.2 of SMDCM
 - o. Sub-section C. Design Standards for Culverts – Covered in Section 5 of SMDCM
 - p. Sub-section D. Design Standards for Bridges – Covered in Section 6 of SMDCM
 - q. Sub-section E. Design Standards for Open Channels – Covered in Section 7 of SMDCM
 - 5. **Section 410.680 – Stormwater Detention Design**
 - a. Sub-section B. Policy – Covered in Section 8.1.1 of SMDCM

1. Refer to Exhibit E for Article 410-VII Stormwater Management for Public and Private Improvement Markups

- b. Sub-section C. Methods of Analysis – Replaced with Section 8.4 of SMDCM
 - c. Sub-section C.3.e through C.3.f – Covered in Section 8.1.2 of SMDCM
 - d. Sub-section C.3.g. Minimum Fee in lieu of Detention – Removed from SMDCM
 - e. Sub-section C.4. Innovation in Design – Covered in Section 8.1.3 of SMDCM
 - f. Sub-section C. 5 Interpretation – Removed from SMDCM
 - g. Sub-section D. Design Criteria – Covered in Section 8.3 of SMDCM
 - h. Sub-section D.3 Submittals – Covered in Section 8.5 of SMDCM
 - i. Sub-section D.4 Simplified Analysis – Removed from SMDCM
 - j. Sub-section D.5 Control Structures – Covered in Section 8.6 of SMDCM
- 6. Section 410.700 Sinkholes and Karst Features – Covered in Section 9 of SMDCM**
- 7. Section 410.710 Grading, Sediment and Erosion Control – Covered in Section 10 of SMDCM**

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