



## Legislation Text

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**File #:** 19-1123, **Version:** 1

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**STRATEGIC PRIORITY:** Mobility Solutions, Infrastructure, and Sustainability

**AGENDA DATE:** September 11, 2019

**COUNCIL DISTRICT(S):** All

**DEPARTMENT:** Department of Public Works

**EXECUTIVE:** Majed Al-Ghafry

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### **SUBJECT**

A public hearing to receive comments on the proposed revisions to the Street Design and Drainage Design Manuals and the new Street Process Manual; and at the close of the hearing, authorize **(1)** a resolution approving and adopting revisions to the Street Design and Drainage Design Manuals and the new Street Process Manual; **(2)** an ordinance amending Chapter 43, "Streets and Sidewalks" of the Dallas City Code by amending Sections 43-46, 43-67, 43-68, 43-71, 43-78, 43-94, 43-95, and 43-135; providing new paving standards; providing new concrete standards; and renaming the paving design manual; and **(3)** an ordinance amending Chapter 51A, "Dallas Development Code: Ordinance No. 19455, as amended," of the Dallas City Code by amending Sections 51A-4.803, 51A-5.101, 51A-5.104, 51A-5.105, 51A-5.206, 51A-8.506, 51A-8.507, 51A-8.601, 51A-8.602, 51A-8.604, 51A-8.606, 51A-8.611, 51A-8.702, 51A-10.101, and 51A-12.204; clarifying definitions; providing a definition of one-percent annual chance floodplain; and renaming the paving design manual - Financing: No cost consideration to the City

### **BACKGROUND**

The Street Design Manual, which has been renamed from the Paving Design Manual, provides guidelines for designing streets and thoroughfares and preparing construction plans in the city of Dallas. The Drainage Design Manual provides standard principles and guidelines for designing drainage facilities and preparing construction plans for those facilities in the city of Dallas. These guidelines will be used by the Department of Public Works, other City departments, consulting engineers employed by the City for street and thoroughfare improvement projects and drainage projects, and engineers for private developments in the city of Dallas.

The last update to the Paving Design Manual (now known as the Street Design Manual) was in 1998 and the last update to the Drainage Design Manual was in 1993. Many changes have occurred over the last twenty-plus years, including economic development and subsequent growth, changes in the thoroughfare plan, modifications in standard construction specifications, incorporation of sustainable design measures and Integrated Stormwater Management, and City Council's adoption of the Complete Streets Manual in 2016. All of these factors have warranted revisions to the Street Design and Drainage Design Manuals.

The standards set forth in these manuals are the minimum criteria permitted by the City of Dallas to be used in roadway and drainage design. Unusual circumstances or conditions may arise which require variance from the standards. Any variances from the standards set forth in these manuals must be accompanied by prior approval of the Director of the Department of Public Works or the Director of Dallas Water Utilities.

The Street Process Manual is a new document that provides a guide through the process of planning and designing a street in the city of Dallas. Because streets are complex, a number of City departments are typically involved in the review and approval of the design of a street. The Street Process Manual provides a guide for how to involve all the necessary disciplines, the necessary public agencies, the public and stakeholders and how to document the process.

These manuals have been routed among City staff, the design community, the construction community, the development community and the professional trade association community for review and comments. All comments received have been addressed in the proposed revised Street Design and Drainage Design Manuals and Street Process Manual.

The amendments to Chapter 43, "Streets and Sidewalks" of the Dallas City Code, amending Sections 43-46, 43-67, 43-68, 43-71, 43-78, 43-94, 43-95, and 43-135; providing new paving standards; providing new concrete standards; and renaming the paving design manual; and Chapter 51A, "Dallas Development Code: Ordinance No. 19455, as amended," of the Dallas City Code, amending Sections 51A-4.803, 51A-5.101, 51A-5.104, 51A-5.105, 51A-5.206, 51A-8.506, 51A-8.507, 51A-8.601, 51A-8.602, 51A-8.604, 51A-8.606, 51A-8.611, 51A-8.702, 51A-10.101, and 51A-12.204; clarifying definitions, providing a definition of one-percent annual chance floodplain; and renaming the paving design manual will align definitions, standards and names for street design, paving and drainage to be consistent with the proposed Street and Drainage Design Manuals and current construction standards.

### **PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

Information about this item was provided to the Mobility, Solutions, Infrastructure & Sustainability Committee on April 22, 2019.

Information about this item was provided to the Subdivision Review Committee on August 15, 2019.

Information about this item was provided to the City Plan Commission on June 20, 2019 and August 15, 2019.

On August 28, 2019, City Council authorized a public hearing to be held on September 11, 2019, to receive citizen comments on the proposed revised Street Design and Drainage Design Manuals and the new Street Process Manual by Resolution No. 19-1230.

Information about this item will be provided to the City Plan Commission on September 5, 2019.

Information about this item will be provided to the Zoning Ordinance Advisory Committee on September 5, 2019.

**FISCAL INFORMATION**

No cost consideration to the City.