

Memorandum



CITY OF DALLAS

DATE August 16, 2019

TO Honorable Mayor and Members of the City Council

SUBJECT **Street Design Manual and Drainage Design Manual Updates**

The Street Design and Drainage Design Manuals for the City are both being updated, and a new Street Process Manual has been written. 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. The Manuals and associated code amendments will have a public hearing at City Council on September 11, 2019 and

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Council will be asked to adopt the revised Street and Drainage Design Manuals, new Street Process Manual, and amended code.

Chris Turner-Noteware, P.E., City Engineer, has been leading this city-wide effort.

Should there be any questions or need for clarification, please let me know.



Majed Al-Ghafry, P.E.
Assistant City Manager

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| T.C. Broadnax, City Manager | Joey Zapata, Assistant City Manager |
| Chris Caso, City Attorney (Interim) | Nadia Chandler Hardy, Assistant City Manager and Chief Resilience Officer |
| Mark Swann, City Auditor | Michael Mendoza, Chief of Economic Development and Neighborhood Services |
| Biliera Johnson, City Secretary | M. Elizabeth Reich, Chief Financial Officer |
| Preston Robinson, Administrative Judge | Laila Aleqresh, Chief Innovation Officer |
| Kimberly Bazor Tolbert, Chief of Staff to the City Manager | M. Elizabeth (Liz) Cedillo-Pereira, Chief of Equity and Inclusion |
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