

**ADDENDUM URBANDALE #1**  
**To Iowa Statewide Urban Design Standards**  
**for Public Improvements – 2019 Edition**  
**January, 2019**

TO: Holders of Iowa Statewide Urban Design Standards for Public Improvements

FROM: David J. McKay, P.E., Director of Engineering & Public Works

The following amendments and revisions apply to any public improvement project designed and/or constructed within the City of Urbandale. These provisions modify those standards set forth in the Iowa Statewide Urban Design Standards for Public Improvements. All sections of the Iowa Statewide Urban Design Standards for Public Improvements not changed by these amendments shall remain in effect.

Questions concerning the modifications to the Iowa Statewide Urban Design Standards for Public Improvements and implementation of specific sections should be addressed to:

Director of Engineering & Public Works  
 City of Urbandale  
 3600 86<sup>th</sup> Street  
 Urbandale, IA 50322  
 515-278-3950

Division	Section	Page	Description of Change										
2	2D-1	1	Insert new "B.1.e Sump drain lines or footing drains shall be installed to provide drainage and a service stub shall be provided for each lot."										
2	2D-1	2	Modify D.5.b. to include "Filter fabric required with all rip-rap."										
3	3C-1	1	Replace A. with "Capacity of Pipe Peak flow should not exceed the following percentages of the full flow values based on pipe size:										
			<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Pipe Size (in.)</th> <th style="text-align: center;">Peak Flow as a Percentage of Full Flow Capacity (%)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">8-10</td> <td style="text-align: center;">60</td> </tr> <tr> <td style="text-align: center;">12-15</td> <td style="text-align: center;">65</td> </tr> <tr> <td style="text-align: center;">18-24</td> <td style="text-align: center;">80</td> </tr> <tr> <td style="text-align: center;">Greater than 24</td> <td style="text-align: center;">90</td> </tr> </tbody> </table>	Pipe Size (in.)	Peak Flow as a Percentage of Full Flow Capacity (%)	8-10	60	12-15	65	18-24	80	Greater than 24	90
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3	3C-1	1	Modify B, third paragraph. "The maximum velocity flowing full is 12 feet per second."										

Division	Section	Page	Description of Change										
3	3C-1	2	Add to E. "Minimum pipe slope must also meet or exceed Iowa Department of Natural Resources design standard requirements. Maximum grade on sewers 12" and smaller should not exceed 7%."										
3	3C-1	6	Revise I.2.a. Replace "20 feet" with "30 feet."										
3	3C-1	10	Add new Section P, "Recycling Requirements. All car wash facilities shall recycle at least one third of the water used in the wash process."										
4	All	All	Delete entire chapter and insert "Water main standards in the City of Urbandale shall meet the requirements of the Urbandale Water Utility Standard Specifications for Water Mains and Appurtenances."										
5	5C-2	15	Delete Table 5C-2.08.  Section L - add a new paragraph, "Street rights of way shall meet the following standards:"										
			<table border="1"> <thead> <tr> <th>Classification</th> <th>Right of Way</th> </tr> </thead> <tbody> <tr> <td>Local Street</td> <td>50 feet</td> </tr> <tr> <td>Collectors</td> <td>60 feet, except at intersections which shall consist of 70 feet for a distance of 300 feet from a Major Arterial or to the first intersection.</td> </tr> <tr> <td>Minor Arterial</td> <td>100 feet</td> </tr> <tr> <td>Major Arterial</td> <td>120 feet, or less with Jurisdictional Engineer Approval</td> </tr> </tbody> </table>	Classification	Right of Way	Local Street	50 feet	Collectors	60 feet, except at intersections which shall consist of 70 feet for a distance of 300 feet from a Major Arterial or to the first intersection.	Minor Arterial	100 feet	Major Arterial	120 feet, or less with Jurisdictional Engineer Approval
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5	5C-2	16	Section O - Delete the last sentence and add "The transition radius with the approach street shall be 92.5 feet for the paving and 80 feet for the right of way."  Add new paragraph, "Without Jurisdictional Engineer approval, the length shall not exceed 600 feet measured from the center line of the intersecting street to the center of the turn-around. The cul-de-sac may not serve more than forty (40) dwelling units."										
10	10A-1	1	Insert new paragraph - "B.1.d - Street trees require City Council Approval."										
11	11C-1	3	Table 11C-1.01 - For Local Street Classification R1, reduce recommended value from 0.3 foot-candles to 0.15.										