

**2023 DESIGN CRITERIA  
UPDATES**  
**Summary of Changes**

**PURPOSE**

- A. Revised entire section to the following: The purpose of this document is to summarize Lenexa’s design criteria which stipulates the minimum requirements for design of infrastructure improvements in the City of Lenexa. Although general plan requirements remain the same, within areas of new development located in the “Lenexa City Center Neighborhood”, there are alternate design standards and guidelines which shall be used. Contact the Community Development Department to view the boundaries of the “City Center” area and to obtain a copy of these design standards and guidelines.

PLEASE NOTE: Many elements of the design criteria are fully enumerated within the appropriate sections of the City Code. While there may be portions that have been provided within this design guide in a more abbreviated or partial manner in order to facilitate a more concise and simplistic guidance document, all design elements must conform to the design criteria shown in the City Code.

**B. CUL-DE-SACS**

1. Removed two alternative designs.
2. Renamed each individual alternative with its own name and figure number.
3. FIGURE 2.1 Residential Cul-de-sac:
  - i. Added note stating non-standard cul-de-sacs shall accommodate SU-30.
4. FIGURE 2.2 Residential Cul-de-sac Partial Eyebrow:
  - i. Removed “max” from 40’ radius.
5. FIGURE 2.3 Eyebrow and 2.4 Residential Knuckle:
  - i. Added no intersection within 75’ dimension to eyebrow and partial eyebrow examples.
6. FIGURE 2.4 Residential Knuckle:
  - i. Added note to knuckle example stating not allowed on a thru street.

## F. STORM DRAINAGE

1. Added the following bullet point to section 4. The required design storm for all non-residential streets shall be the 25-Year.

## J. PAVEMENT MARKINGS

1. Added the following language after the fifth paragraph.

### General Criteria

- Pedestrian crossings at a STOP controlled intersection do not need to be marked unless it is a major trail crossing or is a school crossing managed with a crossing guard. Note that a mixed-use side path is not considered a major trail.
- All marked pedestrian crosswalks shall be signed with the appropriate pedestrian crossing sign or be located on a STOP or signal controlled approach. Unmarked pedestrian crosswalks do not require signs.

### Arterial and Collector Streets

- All pedestrian crossings at signalized intersections, RRFB or Hawk signals, major trails, major destinations (park or school), roundabouts, or future signalized intersections.
- Pedestrian crossings on arterial streets at an uncontrolled location should be avoided.
- Pedestrian crossings shall be marked with ladder and edge line markings.

### Local and Local Collector Streets

- All pedestrian crossings at major trails, major destinations (park or school), signalized intersections, RRFB or Hawk signals, roundabouts, or future signalized intersections.
- Pedestrian crossings directly to a school where 10 or more students would normally cross daily.
- Local and local collector street pedestrian crossings shall be marked with 12" edge line markings.

### Industrial Streets

- All pedestrian crossings at major trails, major destinations (park or school), signalized intersections, RRFB or Hawk signals, roundabouts, or future signalized intersections.
- Industrial street pedestrian crossings shall be marked with 12" edge line markings.

### City Center Streets

- All pedestrian crossings on commercial and mixed-use streets shall be marked with edge line and ladder type markings.
- On residential streets only edge lines markings are required.

S. ADMINISTRATIVE ITEMS

a. Table 24 Plan Submittal Requirements: Revised to the following;

	<b>Capital Improvement Projects (CIP)</b>	<b>Federal or State-Funded Projects</b>	<b>Privately Funded Projects</b>	<b>Utility Companies</b>
<b>Concept Plans</b>	2	1	--	--
<b>Field Check Plans<sup>4</sup></b>	2	1	--	2
<b>Office Check Plans<sup>4</sup></b>	2	1	--	2
<b>Final Plans</b>	3	1,3	3	2
<b>Bidding Documents</b>	2	1	--	--
<b>Record Drawings (As-built see pg. 77)</b>	3	3	3	--

NOTES: All plan sets shall be flattened; digital signatures are not allowed. The PDF document shall be bookmarked to reflect the index of the cover/title sheet and the document properties, security method shall be no security.

- 1 Digital submittal to KDOT Bureau of Local Projects and City in PDF format using Adobe X or newer.
- 2 Digital submittal in PDF format using Adobe X or newer.
- 3 Digital submittal in PDF format using Adobe X or newer and AutoCAD 2018 or newer.
- 4 Field check plans shall be considered 60% complete plans; office check plans shall be considered 90% complete plans.

T. PLAN REQUIREMENTS

- 1. Title Sheet: Added the following bullet point. Coordinate System shall be NAD 1983 State Plane Kansas North US Feet.
- 2. Table 25 Bid Items: Revised Bid Item 21 Integral Sidewalk Retaining Wall to Integral Sidewalk Retaining Wall With Formliner.

RECORD DRAWINGS / AS-BUILT PLANS

- 1. Revised the third paragraph to the following; The Design Engineer shall submit the as-built plans to the City in electronic format using AutoCAD 2018 or newer and in PDF format using Adobe X or newer. All plan sets shall be flattened; digital signatures are not allowed. The PDF document shall be bookmarked to reflect the index of the cover/title sheet and the document properties, security method shall be no security.