



ST. CHARLES
SINCE 1834

AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to Approve Revisions to Engineering Design and Inspection Policy Manual

Presenter: James Bernahl

Please check appropriate box:

	Government Operations	X	Government Services 02.25.13
	Planning & Development		City Council

Estimated Cost:		Budgeted:	YES		NO	
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If NO, please explain how item will be funded:

Executive Summary:

This manual was developed among the engineers and staff in Community Development, Public Works, and Public Works Operational Divisions. As part of the adoption of this manual and to assure that the City Council is aware of any changes made by staff on an as needed or annual basis, we will present any changes to the manual for City Council approval. Many of these changes to the manual are considered minimal in nature (e.g. new state highway manual changes, revised MUTCD manual, changes to City details, changes to referenced code books, etc.).

As you may recall the reasoning for the development of this manual was to create an updated and consolidated location for all approved engineering design and inspection guidelines for current residents, potential developers, as well as staff for reference. By consolidating all of these requirements into one manual it is staff's hope that this will help reduce these types of frequent changes to the City Code and thus create a more consistent and efficient resource for the residents, potential developers, and staff.

Attachments: *(please list)*

Copy of memo indicating the changes made to the St. Charles Engineering Design and Inspection Policy Manual.

Recommendation / Suggested Action *(briefly explain):*

Recommendation to approve the modifications to the St. Charles Engineering Design and Inspection Policy Manual.

<i>For office use only</i>	<i>Agenda Item Number: 7.g</i>
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Interoffice Memorandum

Public Works Engineering Division

To: Mark Koenen
From: James Bernahl
Date: February 11, 2013
Subject: Annual update to St. Charles Engineering Design and Inspection Policy Manual

The following memo is an overview of the proposed modifications to the St. Charles Engineering Design and Inspection Policy Manual. These updates are part of the City's annual commitment to keep this manual current and also to provide the Government Services Committee an annual update of those modifications.

The following list is the proposed modifications that will be made to the Engineering Design and Inspection Policy Manual:

1. As part of the recent updating to Title 16 Code for Subdivision and Land Improvements by Community Development, the following sections of that code section are being updated as follows:
 - a. Addition of cul-de-sac detail: Current detail will need to be revised to meet the minimum dimension requirements of Appendix D of the 2009 IFC and 12.30.050(B)4
 - i. *New detail is being developed and incorporated into Engineering Design and Inspection Policy Manual (EDIPM).*
 - b. Row and pavement requirements chart on page 27 of the EDIPM needs to be updated.
 - i. *Revised chart has been added to the EDIPM.*
 - c. Pavement lengths listed on page 27 of EDIPM need to be updated as follows:
 - i. Maximum residential block length shall be per Title 16.080.030
 1. *Note has been added to EDIPM*
 - ii. Cul-de-sac shall have a maximum length of as defined in Title 12.30.050(B)4.
 1. *Note has been added to EDIPM*
 - d. Section 12.30.050 was revised as part of the Title 16 rewrite. One of these revisions removed minimum curb radiuses at street intersections that were original identified in the City Code with the intent to list these radiuses in the EDIPM. This removed text will need to be updated and included in the EDIPM.
 - i. Minimum intersection curb radiuses:
 1. Two minor streets: 25'
 2. Minor and collector streets: 30'
 3. Tow collector streets: 40'
 4. Truck routes or zoned manufacturing: 45'
 - ii. *These modifications were made to the EDIPM*