



Legislation Details (With Text)

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Title: Storm Drainage Design Manual Revisions Summary and Update
30 Minutes

Sponsors:

Indexes:

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Attachments: 1. Storm Drainage Design Manual, 2. PowerPoint Storm Drain Design Manual [Read-Only]

Date	Ver.	Action By	Action	Result
2/9/2017	1	Town Council	Received and Filed	

TO: Mayor Collins and Town Council Members

FROM: Kevin Burke, Town Manager
Brent Skoglund, Public Works Director
Jeremy Knapp, Engineering Services Analyst

DATE: February 9th, 2017

DEPARTMENT: Public Works and Engineering Department

480-348-3622

AGENDA TITLE:
Storm Drainage Design Manual Revisions Summary and Update

Council Goals

Storm Water - Identify the scope, scale and possible solution to recurring storm water management issues.

SUMMARY STATEMENT:

The Storm Drainage Design Manual is a document utilized by Town staff to review and approve improvement plans and storm water master plans on a day-to-day basis. It sets Town specific standards utilized by developers and builders to design and implement drainage improvements on private property. In addition, the Town uses it for guidance on stormwater improvements included in Town designed and constructed projects.

The Town's current Storm Drain Design Manual was adopted in 1987 and has never been amended. One of Dibble Engineering's (consulting engineer) tasks associated with the on-going watershed studies project is to update the manual. Town staff received a first draft of the updated manual in

August of 2016. A staff stormwater committee, which consisted of representatives from the Building Department, Planning Department, Code Enforcement, Engineering, Public Works, and the Town Manager, reviewed the document and provided comments. The revised updated manual is being presented in Work Study Session for comment and direction on adoption process.

The revised document addresses many new regulations enacted since 1987 as well as some policy decisions. The new regulations include:

1. First flush requirements;
2. Storm water quality during and after construction;
3. Updated rainfall data and engineering practices;
4. Incorporation of all aspects of stormwater management (floodplain management, erosion hazards, etc.);
5. Introduction of low impact development; and,
6. Specific guidance on drainage reports, plans, easements, etc.

Major policy decisions will be necessary regarding first flush requirements, flatland retention requirements for single family residences and non-residential development, hillside retention requirements, and low impact development incentives.

ATTACHMENT(S):

Storm Drainage Design Manual PowerPoint Presentation
Storm Drainage Design Manual