



City of Blaine Anoka County, Minnesota

Blaine City Hall
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Legislation Details (With Text)

File #:	WS 18-16	Version:	1	Name:	Laddie Lake Drainage Study
Type:	Workshop Item	Status:		Status:	Agenda Ready
File created:	3/1/2018	In control:		In control:	City Council Workshop
On agenda:	3/1/2018	Final action:		Final action:	3/1/2018
Title:	LADDIE LAKE STUDY UPDATE				
Sponsors:	Bob Therres				
Indexes:					
Code sections:					
Attachments:	1. Laddie Lake Drainage Study Memo				

Date	Ver.	Action By	Action	Result
3/1/2018	1	City Council Workshop	Informational: no action required	

WORKSHOP ITEM - *Robert Therres, Public Services Manager/Assistant City Manager*

LADDIE LAKE STUDY UPDATE

The City entered into an agreement with Coon Creek Watershed District (CCWD) to model the Laddie Lake drainage area to determine if there were specific areas where flooding would be of concern and what the possible solutions would be to address the flooding. Areas of concern focused on excessive street flooding or flooding of homes. The agreement also requested that CCWD address the outlet structure at Laddie Lake.

CCWD has completed the Laddie Lake Drainage Study, which is included with this item. The study shows that the existing trunk storm sewer line, which runs under 87th Avenue from Hastings Street to Laddie Lake, is at or slightly below capacity for the 10-year storm event (10% chance that a storm will be equaled or exceeded in any one year) using the current standards for precipitation and rainfall type. The model indicates there will be temporary localized flooding at some of the intersections along 87th Avenue during the 10-year event with durations ranging from two to one hundred minutes during the storm. Under typical rainfall amounts, there will be minimal to no flooding according to the study.

At this time, the CCWD suggestions regular inspections and maintenance of the storm sewer system to remove obstructions and keep the catch basin inlets free and clear of debris to maximize the capability of the system.

CCWD is still working on a design for the outlet structure at Laddie Lake and staff will provide an update when a design is proposed.

Recommendation

Continue regular inspections and maintenance of the storm sewer system.