Agenda Memo

Crest Hill, IL

Meeting Date:	November 9,2026
Submitter:	Ronald J Wiedeman
Department:	Engineering
Agenda Item:	Jasmine Ditch Drainage Investigation Update.

Summary: Staff along with a representative from Christopher B. Burke will present the finding of the engineering effort to complete a more extensive modeling study to evaluate the upstream drainage area that is contributing the section of Jasmine Ditch and its impacts on the ditch east and west of Gaylord Rd. A copy of the presentation will be provided at the workshop meeting.

At the end of the presentation solutions will be presented on what can be improved to collect and better direct overland water flow that is tributary to this ditch.

Staff recommendations for council to consider are as follows;

Jasmine Ditch

1. Widen the downstream cross section of the ditch as presented.
2. Extend the existing 36-inch storm sewer system farther west of Gaylord as presented.
3. Install drainage structures and/or cut a new swale from Sweetbriar St to Gaylord and work with the property owners to obtain drainage and utility easements.
4. Have Public Works develop a maintenance protocol that prevents the re-vegetation of the downstream ditch.

Detention Area

1. Work with property owner at 2027 Watertower Pl and 2516 Waterford Dr. to provide an access and drainage utility easement so the City can maintain the concrete lined ditch, pipe culvert and drainage structure.
2. Additional study should be considered for 2516 Waterford Dr. to evaluate the relocation of existing the outlet points to better improve future maintenance.

With the City acquires ownership of the section of ditch west of Gaylard, Public Works will now need to include maintenance of this section of ditch moving forward. Tonight, they will

provide options on how this can be done and will be looking for direction from Council on how to proceed.

Recommended Council Action: Provide direction to staff on what solutions to move forward with.

Financial Impact:

Funding Source: General Fund

Budgeted Amount: TBD

Cost: TBD

Attachments:

Jasmine Ditch Presentation_110226