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March 18, 2025

**SUBJECT: Watermain Lining Project Update**

Dear Resident,

The City of Marshall is pleased to announce the upcoming improvements to the watermain in your area, scheduled to begin the week of April 21, 2025. City staff from the water and engineering departments recently held a pre-construction meeting with the contractor, Fer-Pal, and their subcontractor, Hoffman Brothers Inc. Both companies are eager to get this important work underway to enhance the community's infrastructure.

**Figure 1: Watermain Replacement and Lining Locations**



This project consists of two key components: watermain lining and watermain replacement. The first phase involves watermain lining along the black line depicted in Figure 1. Watermain lining is a trenchless rehabilitation method designed to address aging infrastructure, particularly in hard-to-reach areas. This process involves inserting a fiber-woven liner, reinforced with a polyurethane membrane, into the existing cast iron pipe, originally installed in the 1950s. Once in place, the space between the liner and the pipe is injected with resin, which hardens after curing. The result is a continuous, non-corrosive surface that improves water flow and extends the lifespan of the watermain.

To complete the lining, access pits will be excavated at each end of the proposed section. For this project, the section being lined runs through residential lots via a utility easement. The access pits will be in the public right-of-way at the end of Cosmopolitan Avenue and on the east side of North Madison Street, adjacent to

house number 548. The work is tentatively scheduled to begin during the week of April 21, 2025, and is expected to be completed within a two-week timeframe.

Once access is achieved, the watermain will be isolated and drained. Importantly, water service to all properties will not be impacted during this project. The lining work will be completed over a few days, followed by inspection and testing. The watermain is expected to return to service within 5 to 7 days.

The second phase of the project will encompass a total replacement of the watermain and reconstruction of the roadway on Cosmopolitan Avenue from North Drive East to the cul-de-sac, as shown in the teal line in Figure 1. This phase is currently being designed and will commence later this spring after the completion of the Watermain Lining Project. The work for this project is expected to be completed by July 2025, with additional details to be shared before construction begins.

A City of Marshall webpage has been created for this project at <https://www.cityofmarshall.com/362/Cosmopolitan-Avenue> where updates on the project status will be posted. Residents, property owners, and interested community members can also sign up for construction-specific email or text notifications on the City's website at <https://www.cityofmarshall.com/list.aspx>

We apologize in advance for any inconvenience caused by the construction and appreciate your understanding as we work to improve the Marshall community. Please contact us with any questions or concerns.

Sincerely,



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