



## **AGENDA MEMO**

### **11/5/2019 Agenda**

**TO:** Honorable Mayor and City Council

**FROM:** Jacob Speer, Director of Public Works

**SUBJECT:** Project phasing and final design for stormwater improvements

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#### **BACKGROUND:**

In April, Council approved the work authorization with Huitt-Zollars for design of stormwater improvements for the advanced project area. Preliminary design of the improvements is complete and guidance on construction phasing is needed to continue through final design.

After meeting with Council on October 17<sup>th</sup>, staff met with Huitt-Zollars to review Council comments and questions. Based on Council feedback, Huitt-Zollars revised the phasing plan which is outlined below.

Phase 1 – Caruth Park, the 3400 block of Southwestern Boulevard, and Hillcrest from Southwestern Boulevard to Greenbrier Drive. The work in Hillcrest is to allow for the connection of the underground detention structure to the existing system.

Phase 2 – Hillcrest from Greenbrier Drive to Marquette Street, and a portion of the 3300 Colgate / Caruth alley.

Phase 3 – the 3200-3300 block of Colgate, the 3200-3300 block of Marquette, and Airline Avenue from Colgate Avenue to Wentwood Drive.

At the October 17<sup>th</sup> meeting, Council also asked staff to investigate construction methods that will allow Southwestern Boulevard to remain open to traffic and to maintain two-way traffic on Hillcrest Avenue. Staff has not identified a construction method that will allow Southwestern to remain open to through traffic. Additionally, limiting Hillcrest to one lane one-direction will provide for a much more efficient and effective construction method. We've looked at constructing two separate box culverts, one on each side of the street and at constructing both box culverts together in the center of the street. Cost and construction timeframe implications as well as resident impact have been considered. We will discuss the alternatives as well as pros and cons of each with Council.

As part of this discussion, staff would appreciate the Council's input on the preferred method of construction in order to prepare contract documents and finalize design. After

design is finalized, staff will bid the project and bring the contract award back to Council for consideration.

**RECOMMENDATION:**

Staff requests Council's input on the preferred method of construction in order to prepare contract documents and finalize the design of improvements to the stormwater system in the advanced project area.