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## MEMORANDUM

TO: Mayor and City Council

FROM: Greg Anderson, PE

DATE: July 14, 2017

RE: Woodridge Bluffs - Limestone Road Repair  
SEH No. CANNO 123363 14.00

The council previously discussed the settlement issue on the east end of Limestone Road in the Woodridge Bluffs Development. A rough estimate of the repair cost was given as \$45,000 to \$65,000. Staff met with Steve Hentges from S.M. Hentges & Sons and myself on June 20<sup>th</sup> to discuss the settlement and repairs.

The suggested repair would be to remove the existing curb & gutter in this section of Limestone Road and reclaim the existing bituminous pavement and underlying aggregate base in place. Then re-compact the reclaimed aggregate base. New concrete curb & gutter would then be placed followed by placement of a 2 ½" layer of bituminous pavement. Given the history of this section of street and the underlying soils, it is recommended to wait at least a year before placing the final 1 ½" lift of pavement. The 1 ½" lift of pavement could be bid as an alternate to a future street project to hopefully realize a lower price than having the final lift placed as a standalone project. Also included in this year's work would be the replacement of a few settled sidewalk panels in the project area and repairs to two catch basins along Limestone Road closer to the entrance of the development.

Council is asked to order the request for quotes to have the above work performed yet this summer, with the exception of the final 1 ½" lift of pavement.

While this repair will remedy the settlement issues in the short term, it is no way recommending that future settlements will not occur. The City should be prepared for future maintenance on this section of Limestone Road as they have done on the remaining portion of Limestone Road and Valley View Road as well as all City Streets. Those maintenance activities include crack sealing and seal coating.

A potential source of funding for this project is from the Small Cities Assistance Account that was approved by the State Legislature this past session. Initially the program was created in 2015 with the intent of providing street funding for cities that do not receive municipal state aid (MSA) because they do not meet the 5,000 population eligibility threshold for dedicated funds (gas tax, tab fees, and motor vehicle sales tax revenues) established in the state's constitution. The city received a one-time payment of just over \$51,000 at that time, which we used for a sealcoat project. Through the recently approved program, the city will be receiving \$32,153 this year and again next year.

ah

c: Ron Johnson, City Administrator

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