



## REQUEST FOR BOARD ACTION

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**BOARD MEETING DATE:** Tuesday, August 24, 2021

**REVIEWALS:**

Public Works Street Department: Completed

Public Works Director: Completed

City Administrator: Completed

**SUBJECT:** Public Works Salt Dome – Retaining Wall Failure

**LIST OF ATTACHED REFERENCE DOCUMENTS:**

Inspection of Segmental Block Retaining Wall for Sunset Hills

Salt Dome – Retaining Wall – Fee Worksheet

**FISCAL IMPACT:**

Budget:	\$0
Estimated Fee (Engineering/Geotechnical Report):	\$11,850

**BACKGROUND/DISCUSSION:**

In May of this year, during normal inspection duties, staff became aware of irregularities in the segmental block retaining wall supporting the salt dome. Staff performed a visual inspection of the wall and determined that in the best interest of the City that a structural engineer should be contacted to inspect the wall. City staff contacted Crawford, Murphy and Tilley (CMT), a known structural engineering firm in the area, to perform a visual inspection and help determine the issues with the wall. Following the visual inspection by CMT, they determined the segmental block wall was failing and should be addressed immediately. A summary of the inspection, along with proposed fees was submitted to the City.

**STAFF RECOMMENDATION:**

Staff recommends approval of the fee schedule with CMT for the preliminary engineering and geotechnical report in order for us to determine what is causing the believed failure to the wall and to determine the course of action to take in order to restore the wall to its original condition.

**MEETING HISTORY:**

Public Works Committee – August 5, 2021