



Legislation Text

File #: 2016-0331, **Version:** 1

Title

Streamstown Court Drainage Improvement - Proposal

History

For a number of years, the residents at 14230 and 14220 Streamstown Court have experienced overland flow into their homes from rear yard drainage issues. The ground elevation immediately west of the properties is significantly higher. The normal overland flow paths have been blocked in areas, thus creating ponding which is directed toward the houses. This rear yard drainage has historically been conveyed by a privately installed drain tile that has become non-functional. The drain tile flows to an existing structure in the rear yard of 14240 Streamstown Court.

Christopher Burke Engineering (CBBEL) has reviewed the conditions and proposed two alternatives for consideration: overland side yard swale and rear yard storm sewer pipe. The first alternative is the construction of a side yard swale between 14230 and 14220 Streamstown Court. While providing the highest level of protection, due to existing landscaping, shed, fences and the limited space, this option is not recommended. The construction cost is initially lower but requires the purchase of temporary and permanent easements, making it more costly overall. The second option involves the installation of an eight (8) inch storm pipe through the rear yards of two homes on Meadowview Court. Both yards are relatively clear of above ground obstructions and an existing ten (10) foot easement already exists. This new pipe will connect to the existing twelve (12) inch pipe two lots away. The pipe will also provide opportunities for adjacent property owners to connect sump pumps or down spouts, further improving the conditions. Due to potential conflicts with underground utilities in this route, a contingency fund is recommended to deal with unknown conditions.

Due to the smaller scale of this project, and to keep engineering costs at minimum, proposals were solicited from three contractors to complete the work. After reviewing the conditions and indicating they would provide a quote, one contractor, K&D Landscape Management of Rockdale, Illinois was non-responsive. Quotes were received from Airy's, Inc. of Tinley Park, Illinois in the amount of \$13,331 for the side yard swale and \$15,576 for the rear yard pipe. Carlin-Moran Landscape, Inc. of Tinley Park, Illinois provided a quote in the amount of \$12,000 for the swale and \$18,050 for the pipe.

After significant conversation with the homeowners and CBBEL it is recommended to install the rear yard pipe and accept the proposal from Airy's Inc. of Tinley Park, Illinois in the amount of \$17,576 (\$15,576 plus \$2,000 contingency).

On May 2, 2016, this item was reviewed and approved by the Public Works Committee and referred to the Board for approval.

Financial Impact

Funds for this project are available in account #031-6007-443500

Recommended Action/Motion

I move to approve waiving the bid process;

And

Approve accepting the proposal from Airy's Inc. of Tinley Park, Illinois in an amount not to exceed \$17,576.00.