



Legislation Text

File #: 2015-0671, **Version:** 1

Title

Fernway Subdivision Roadway and Ditch Grading Improvements 2016 - Design Engineering - Proposal

History

The pavement in Fernway Subdivision was originally constructed in the early 1960's. At that time, the unincorporated roadways were constructed to a rural cross section, below Village standards. The Village has spent considerable resources maintaining these roadways since annexing the area over 40 years ago. Our Pavement Management Consultant, Applied Research Associates, has recommended full pavement reconstruction in conjunction with ribbon curbs to support the pavement edge. As part of a multi-year storm water improvement project, the Village previously engaged Christopher B. Burke Engineering (CBBEL) to design and engineer roadside drainage ditch grading improvements. Those plans will be incorporated into the pavement reconstruction bid package.

Staff met with Baxter & Woodman, our current Road Improvement Program engineer and CBBEL, the Fernway Subdivision Drainage Improvement design engineer, to review the current condition and request proposals to provide required phase II engineering services for the first segment of this multi-year road improvement project. The phase II engineering will include field evaluation, utility coordination, pavement rehabilitation evaluation, specifications, detailed drawings, ditch grading plan incorporation and bidding assistance. The currently planned work, to be completed in 2016 (year 1), includes 167th Place (88th Avenue east to Village limit) and a section of Robinhood Drive (167th Street to 171st Street). Due to the scale of work and expected construction cost, the overall project for the entire subdivision is planned to be completed over nine years.

Both consultants submitted proposals for consideration. Both proposals were comparable, utilizing existing geotechnical data and incorporating the construction of flat ribbon curbs along the edge of pavement. Proposals were received from Christopher B. Burke Engineering, Ltd. of Rosemont, Illinois in the amount of \$37,100 and Baxter & Woodman, Inc. of Mokena, Illinois in the amount of \$33,800.

After reviewing the proposals, staff determined that Baxter & Woodman would provide a thorough and professional service for the lowest cost. As such, staff recommends approving the proposal from Baxter & Woodman in an amount not to exceed \$33,800.

On November 2, 2015, this item was reviewed and approved by the Public Works Committee and referred to the Board for approval.

Financial Impact

Funds for this engineering work are available in the Capital Fund 054-0000-471250

Recommended Action/Motion

I move to approve to accept the proposal from Baxter & Woodman, Inc. of Mokena, Illinois for the Fernway Subdivision Roadway and Ditch Grading Improvements 2016 - Design Engineering, for an amount not to exceed \$33,800.