



TO: President Gardiner and Members of the Council

FROM: Jill E. DiTommaso, PE
Deputy Town Manager

DATE: September 7, 2023

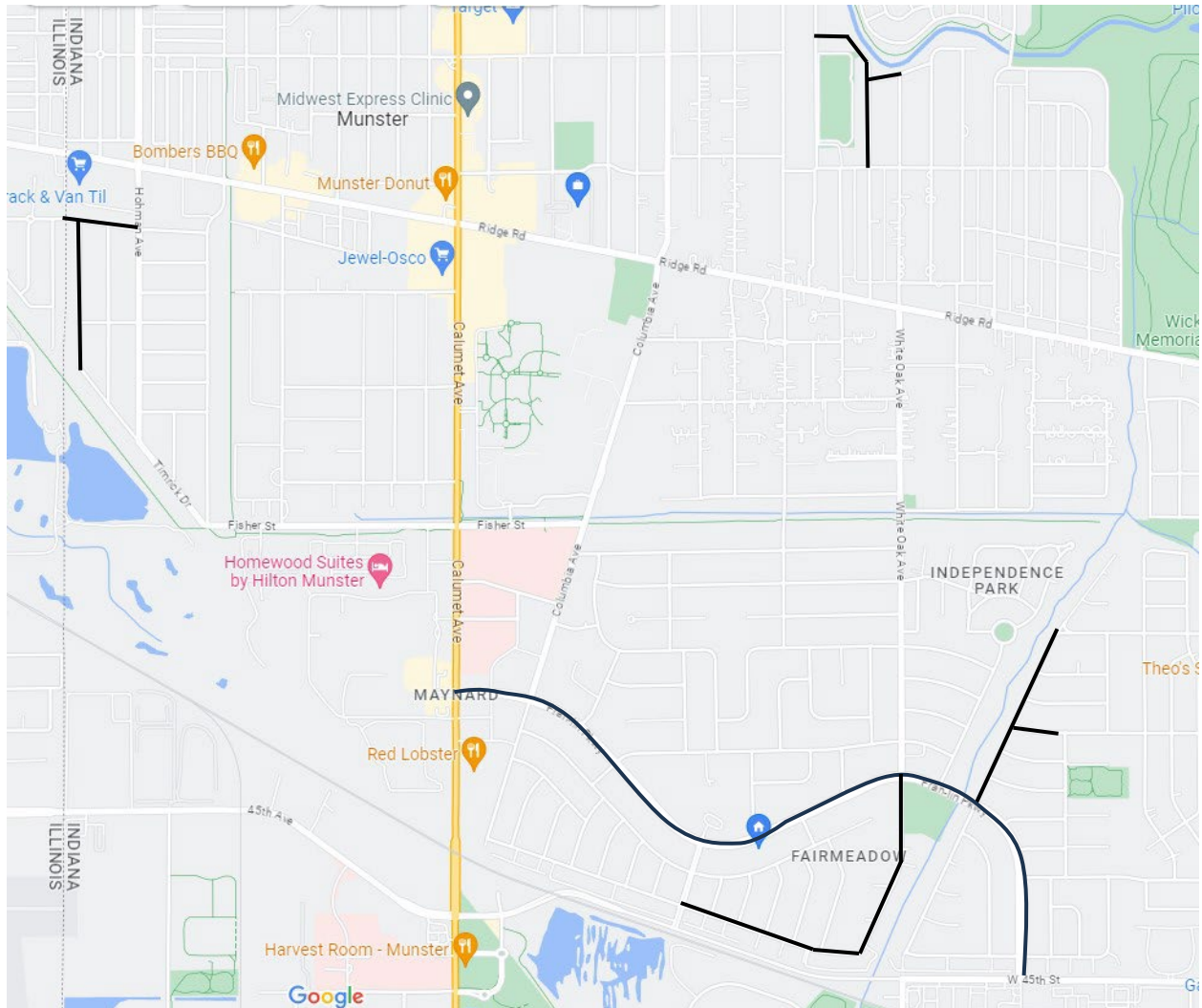
RE: Proposal for Geotechnical Engineering Services
Proposed 2024 Paving Projects

Background

Staff have identified 3.1 miles of streets to be paved during the 2024 construction season. The proposed work also includes 1.3 miles of water main replacement. Three streets were included in the Town's 23-2 application for Community Crossings Matching Grant funding.

The proposed scope of work and funding sources are summarized below:

Location	Scope	Funding Source
River Drive between Beech Avenue and White Oak Avenue	Paving	CCMG 23-2 2023 GO Bond
Kraay Avenue between River Drive and Fairway Avenue	Paving	CCMG 23-2 2023 GO Bond
Terrace Drive between state line at Hohman Avenue	Paving Traffic Calming	CCMG 23-2 2023 GO Bond
Forest Avenue between Terrace Drive and Timrick Drive	Paving Traffic Calming	MVH Restricted
Fran Lin Parkway between Southwood Avenue and 45 th Street	Paving Traffic Calming	LRS 2249 Surtax
Chestnut Lane between Fran Lin parkway and Martha Street	Paving Water Main Traffic Calming	Water
Holly Lane between Chestnut Lane and Crestwood Avenue	Paving Water Main	Water
Camellia Drive between Southwood Drive and White Oak Avenue	Paving Water Main Traffic Calming	Water
White Oak Avenue between Camellia Drive and Fran Lin Parkway	Paving Water Main Traffic Calming	Water



A request for proposals for engineering design services has been advertised and proposals will be received on September 27, 2023.

Staff recommends a geotechnical investigation of the subgrade under these streets to determine the best rehabilitation methods. Advanced Engineering Services has provided a proposal to collect fifteen (15) pavement core samples and 10-foot soil borings to analyze the soil conditions within the roadway corridors. Their proposal along with a map showing the proposed boring locations are provided as attachments to this memo.

Recommendation:

By motion and voice vote, authorize the Town Manager to sign the proposal from Advanced Engineering Services in the amount of \$18,940.00.