



TO: President Gardiner and Members of the Council

FROM: Jill E. DiTommaso, PE
Deputy Town Manager

DATE: December 19, 2022

RE: Proposal for Geotechnical Engineering Services
Proposed 45th Street Improvements

Background

Staff is working to solicit bids for the repaving of 45th Street from the Illinois State line to Calumet Avenue. Two options for rehabilitation are under consideration: 2-inch mill and overlay and 4-inch mill and overlay.

Methodology

To determine which option is best, we recommend that the existing pavement and soil conditions be determined through a geotechnical investigation.

Advanced Engineering Services has provided a proposal to collect four pavement core samples and drill soil borings at four locations to a depth of 10 feet to analyze the soil conditions within the roadway corridor. This information will be used to determine whether a 2-inch mill and overlay will be sufficient to provide the desired remediation or whether a 4-inch mill and overlay is needed.

Recommendation:

By motion and voice vote, authorize the Town Manager to sign the proposal from Advanced Engineering Services in the amount of \$7,580.