

SUPPLEMENTAL PACKET



Memorandum

To: Ron Moorse, City Administrator
From: Nick Guilliams, City Engineer
Date: July 24, 2018
Re: River Road Sanitary Sewer Replacement Options

Public works recently asked WSB to provide a recommendation to replace the sanitary sewer along River Road. The lines were recently televised and the contractor is recommending that the lines be upsized and replaced. To provide the most effective replacement method (directional drilling, pipe bursting, open cut) subsurface information is needed. In discussions with Public Works, bed rock exists under river road. The presence of bed rock greatly effects the cost and recommended method of replacement. WSB is recommending a geotechnical investigation of the site to determine the presence of and depth of bed rock. The following services will be provided:

- Flight auger borings using our truck-mounted drilling rig
- Borings will be completed on the shoulders to minimize disruption to traffic
- Use of cones, signs and flashing lights for traffic control i.e. no flaggers and traffic self-regulates
- Drill 10 borings to auger refusal (assumed depth of about 10 feet each along River Road, 100 feet total)
- Clear public utilities using GSOC
- Prepare boring logs
- Prepare boring location sketch
- Prepare Memo summarizing the depth to refusal at each boring location.

WSB proposes to perform this work for a not to exceed fee of \$4,000.