



May 11, 2026

City of Rochester Hills
1000 Rochester Hills Dr.
City of Rochester Hills, MI 48309-3033

Attn: Ms. Angela Hysinger, P.E.
Public Utilities Manager

Re: Rochester Road (M-150) Sanitary System Rehabilitation
Proposal for Design Engineering Services

HRC Job No. 20260364

Dear Ms. Hysinger:

As requested, we are pleased to offer this proposal to provide design engineering services for sanitary sewer system rehabilitation work within the limits of the Rochester Road (M-150) paving project being prepared for MDOT. The scope-of-work to be included was previously selected by the City and HRC after condition assessments were completed as part of the FY2026 Sewer Rehabilitation Program.

Project Description:

MDOT plans to resurface M-150/Rochester Rd. in 2027 from Michelson Rd. (just south of the M-59 interchange) to Avon Rd. and reconstruct M-150/Rochester Rd. in 2028 from Avon Rd. to Tienken Rd. In coordination with the proposed MDOT project, the City desires to complete sewer rehabilitation/repairs within the project area. The rehabilitation/repairs that are to be included with this work will require some amount of excavation that will impact road pavement. This proactive approach to managing the sanitary system assets will benefit the City because the work will be done when lanes are closed and pavement is being removed for the paving project, instead of at some time in the future where the costs for the road work would have to be fully borne by the sewer system rate payers. An exhibit is attached that shows the scope-of-work that will be included in this project. The preliminary estimated construction cost for the work in the current scope may range from \$700,000 to \$850,000, depending on how the bidders allocate their costs.

Currently, MDOT's project is scheduled for a November 2026 bid letting (award), with construction starting in 2027 and continuing in 2028. In order to be included in the MDOT project, design of the sewer system rehabilitation/repairs must be substantially completed by June 2026. HRC is currently involved in this project on behalf of the City to design the water main replacement between Hamlin and Avon. HRC is also involved with the MDOT design team, providing traffic engineering services for a portion of the project beyond the Hamlin to Avon reach. Because of this involvement, HRC has access to the base plans prepared by MDOT's consultants and is positioned to assist the City with the design of the sanitary sewer system rehabilitation/repair work and immediately begin the design effort in the MDOT project workspace.

Scope of Services:

Documents will be prepared for the November 2026 MDOT bid letting, with construction starting in April 2027. HRC proposes the following schedule, which will be finalized after authorization:

- Prepare & Submit Preliminary Plans & Special Provisions (SPs) May 22, 2026
- Prepare & Submit Final Project Coordination Plans (FPC): June 5, 2026
- Final FPC Meeting: July 3, 2026
- Omissions/Error Check (OEC) Review: August 14, 2026
- Prepare & Submit Final Plans & SPs to PM: August 28, 2026
- Programmed Letting Date: November 6, 2026

HRC will prepare the plans, specifications, and construction cost estimates for the sanitary sewer system rehabilitation/repair work. All plans and special provisions must be in MDOT format to be included in the project.

Furthermore, MDOT manages a workspace for CADD files and other project documentation that must be utilized during design. We expect to have distinct plan sheets for the sewer rehabilitation/repair work, but some items may be covered on the other design sheets if appropriate. Plans will include removal, plan and profile sheets as required. In addition, HRC will prepare or coordinate with other project consultants related to:

- Details and special provisions (specifications) for sewer rehabilitation/repair work
- Details for temporary pavement replacement and other site features impacted by construction of the sewer work.
- Coordination and communication with existing property owners, including meetings to review potential impacts property access during sewer rehabilitation/repair activities.
- Soil erosion and sedimentation control plans or details if not already part of design for road work.
- Maintenance of Traffic (MOT) plan modifications or unique stages for sewer rehabilitation/repair work.

HRC will review previously requested utility information (by MDOT's consultants) from the various companies, including municipal utilities, in the project area, and request additional information as needed. HRC will also review the geotechnical investigation and soil boring information already prepared for the MDOT project. If additional geotechnical information is recommended, we will discuss with the City and coordinate as needed. Throughout the design process, we will endeavor to utilize information obtained by MDOT for the road project wherever possible.

For clarity, the following items are not included as part of this proposal:

- Topographic Survey and Property Line Determination (using information prepared by MDOT's consultants)
- Permit applications or regulatory agency coordination for sewer rehabilitation/repair work
- Right-of-way/Easement Acquisition
- Construction engineering services for contract administration, observation, survey layout or other construction related services necessary for the completion of the project. If requested, this will require a separate proposal.

Jim Surhigh, P.E., will be HRC's Project Manager for the Rochester Road (M-150) Sanitary System Rehabilitation project based on his experience working with City staff and managing comparable projects. Other key team members include Jeff Williamson, P.E., as a specialist in design on MDOT projects, and Matt Hughes, P.E. is available for consultation regarding the sewer system condition assessment and rehabilitation recommendations. Charles Hart, P.E. will provide project oversight, coordination with MDOT consultants, technical expertise, staffing coordination, and communication as required to ensure a successful project. All HRC staff members listed in this proposal are familiar with this project and have extensive experience with the municipal water systems in the area.

HRC is ready to begin this job immediately and be prepared to complete this work to meet the MDOT project schedule. HRC is proposing to the sanitary system rehabilitation/repair design effort for a **not to exceed cost of \$67,000**. This will be invoiced on a time and material basis based on approved rates and in accordance with our engineering services contract with the City of Rochester Hills.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



James J. Surhigh, P.E.
Senior Associate

Attachment

pc: City of Rochester Hills; Tracey Balint, Lisa Cummins
HRC; D. Mitchell, C. Hart, B. Shepler, File

Proposal for:
ROCHESTER ROAD (M-150) SANITARY SYSTEM REHABILITATION

Accepted By: _____

Accepted By: _____

Signature: _____

Signature: _____

Written Name: _____

Written Name: _____

Title: _____

Title: _____

Dated: _____

Dated: _____

**CITY OF ROCHESTER HILLS
ROCHESTER RD (M150) SANITARY SYSTEM REHABILITATION**

**TABLE 1
ESTIMATED HOURS AND FEES**

May 11, 2026

HRC Job No. 20260364

Task Description	Rate Classification & Estimated Hours									Total Hours
	Principal/Sr. Associate/Project Mgr.	Associate/Department Manager	Sr. Engineer	Engineer	Staff Engineer	Sr. Tech.	Technician	Survey Crew	GIS & Support	
1 Michelson 8" Sewer R&R + MH										
a Base Plans (removals, proposed, profile)		2		12						14
b Project Specific Details, Notes, Schedules	2	2		4						8
c MOT, SESC, Other Coordination	2	4		4						10
2 Nawakwa 12" Sewer R&R + 4 MH										
a Base Plans (removals, proposed, profile)		2		32						34
b Project Specific Details, Notes, Schedules	2	2		8						12
c MOT, SESC, Other Coordination	2	4		10						16
3 Yorktown MH										
a Base Plans (removals, proposed, profile)				8						8
b Project Specific Details, Notes, Schedules	1	1		4						6
c MOT, SESC, Other Coordination		2		2						4
4 Miguels/TimHortons 10" Sewer R&R + 4 MH										
a Base Plans (removals, proposed, profile)		2		40						42
b Project Specific Details, Notes, Schedules	2	2		12						16
c MOT, SESC, Other Coordination	2	4		16						22
5 McDs/Lifetime/Arbys 10" Sewer R&R + 4 MH										
a Base Plans (removals, proposed, profile)		2		40						42
b Project Specific Details, Notes, Schedules	2	2		12						16
c MOT, SESC, Other Coordination	2	4		16						22
6 Crestview 2 MH's										
a Base Plans (removals, proposed, profile)		1		8						9
b Project Specific Details, Notes, Schedules	1	2		2						5
c MOT, SESC, Other Coordination		2		2						4
7 Special Provisions	4	12	16		80					112
8 Project Management, Coordination & Meetings (3 design progress mtg's)	18	28	4							50
SUBTOTALS	40	80	20	232	80	-	-	-	-	452

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DESIGN ASSUMPTIONS

ESTIMATED FEE SUMMARY

PERSONNEL	HOURS	RATE	TOTAL
Principal/Sr. Associate/Project Mgr.	40	\$ 70.00	\$ 2,800
Associate/ Department Manager	80	\$ 63.00	\$ 5,000
Sr. Engineer	20	\$ 52.00	\$ 1,000
Engineer	232	\$ 47.00	\$ 10,900
Staff Engineer	80	\$ 42.00	\$ 3,400
Sr. Tech.	-	\$ 47.00	\$ -
Technician	-	\$ 30.00	\$ -
Survey Crew	-	\$ 82.00	\$ -
GIS & Support	-	\$ 31.00	\$ -
TOTAL DIRECT PAYROLL			\$ 23,100
TOTAL INDIRECT PAYROLL (1.90)			\$ 43,900
TOTAL ESTIMATED HRC COST			\$ 67,000

REIMBURSABLES/SUB CONSULTANTS

Subconsultant Allowance	\$ -
Geotechnical Eng/Soil Borings Allowance	\$ -
	\$ -

TOTAL NOT-TO-EXCEED BUDGET	\$ 67,000
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