



September 16, 2025

City of Wayland
103 S. Main Street
Wayland, MI 49348

Attention: Mr. Erik J. Wilson, City Manager

**RE: PROPOSAL FOR PROFESSIONAL DESIGN ENGINEERING SERVICES
N. LOCUST AND LORENE STREET IMPROVEMENTS**

Dear Erik:

Following our discussions and inspection of the above referenced project, we are pleased to submit this proposal for professional design engineering services. The City has identified two streets for improvements in the 2026 construction season: N. Locust Street and Lorene Street from E. Maple to Street to E. Elm Street. It is our understanding that these two streets will be combined into a single contract to achieve an economy of scale that will secure the most favorable pricing. This project is presently being funded locally. Based upon the recent construction environment, we believe the City will receive the most favorable pricing if the project is bid as early as possible in 2026. We understand the City desires construction to occur during the 2026-2027 fiscal year. After reviewing the sites and our discussion of the various items involved, we would like to offer the following proposal.

This project includes improvements to N. Locust Street and Lorene Street with each road segment being approximately 920 feet. For each of the road segments, the roadway would be completely reconstructed with new concrete curb and gutter and hot mix asphalt (HMA) pavement. A new 8" water main would be installed in N. Locust Street and a new 6" water main would be installed in Lorene Street, both replacing the existing asbestos cement water main. Each water main replacement will include new water services to the curb stops and complete service replacement where lead or galvanized pipes are encountered. A new 5'-wide concrete sidewalk would be installed on one side of N. Locust Street and the sidewalks would be replaced on Lorene Street. Some trees would be removed to accommodate the water main or sidewalks. All driveway approaches would be replaced with concrete. Leaching basins and storm sewer would be installed as necessary. The scope includes planting two trees for each property where new sidewalk is installed. The finished roadway for both streets would be paved with 4" of HMA pavement and include two 12'-wide lanes. There are no planned improvements for sanitary sewer. The total estimated project cost is \$1,740,000.

Following is a brief description of the services to be performed and the anticipated milestone target completion dates.

Design Engineering

We will conduct a topographic survey of the project limits for the basis of the design. This will include data required for the roadway design, water main design, sidewalk and ADA ramp design, and proper drainage design. We would also complete pavement borings (minimum two per street) to properly assess the existing pavement section and subsurface soils. We will prepare traditional plans and associated contract documents in accordance with the requirements of AASHTO, MDOT, and the City of Wayland standards. We will assist the City with advertising for construction bids (publication fee not included), attend the bid opening, tabulate the bids received, and make a recommendation for award. We also anticipate attending one public meeting with the residents to explain the scope of the project, advise them of the impacts, and garner input for development of special concerns or staging requirements.

Since time is of the essence, we have taken an aggressive approach in the establishment of target completion dates for this project. In order to receive the most favorable pricing, it will be critical that the project is bid as early as possible in 2026. Below is a table with the milestones and target dates.

<u>Event</u>	<u>Approximate Date</u>
City Approve Proposal	09/19/2025
Complete Topographic Survey	10/15/2025
Begin Preliminary Design	10/16/2025
Preliminary Plan Review with City	11/12/2025
Public Information Meeting	12/15/2025
Submit Water Main Permit Application to EGLE	12/31/2025
Complete Final Plans & Specifications	02/13/2026
Advertise for Construction Bids	02/19/2026
Open Construction Bids	03/24/2026
City Awards Construction Contract	04/06/2026
Construct the Project	07/01/2026 – 06/30/2027

Due to the construction bidding environment, it may be beneficial or necessary to rebid the project in December 2026 or January 2027 if favorable pricing is not received.

Following is a summary of the professional service fees for this project.

Topographic Survey	\$14,440
Pavement Borings	3,500
Preliminary Design Engineering	32,800
Final Design Engineering	<u>49,200</u>
Total Estimated Fees	\$99,940

Following completion of the design, we will provide a separate proposal for construction engineering services.

Mr. Erik J. Wilson, City Manager
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All services would be invoiced on a monthly basis with payment due within 30 days in accordance with our Standard Terms and Conditions (attached). For your convenience, I have also attached the Preliminary Engineer's Estimate for the project.

Thank you again for this opportunity to submit a proposal. If our proposal is acceptable, please sign and date where indicated below and return one copy of this proposal to us. We look forward to again working with the City of Wayland. Should you have any questions or comments or wish to further discuss our proposal, please do not hesitate to call me.

If you have any questions, please feel free to contact me.

Very truly yours,

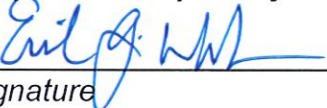


Mickey E. Bittner, P.E.
mbittner@gowightman.com

Enclosures

cc: Mr. David Paul, Utilities Director (via email)
Mr. Cole Lutz, Public Works Director (via email)

Proposal Accepted by the City of Wayland:



Signature

9-18-25

Date

ERIK J. Wilson, city MGR.

Printed Name & Title

ENGINEER'S ESTIMATE

PROJECT: **N. Locust Street & Lorene Street (with concrete curb & gutter)**
 OWNER: **City of Wayland**
 DATE: **July 21, 2025**

The following estimate includes improvements to N. Locust Street and Lorene Street from E. Maple Street to E. Elm Street (approximately 920 feet each). The scope includes the installation of a new 8" ductile iron water main on N. Locust and 6" ductile iron water main on Lorene to replace the existing asbestos cement water main, 4" of HMA pavement, storm water collection system, concrete curb and gutter (28' back to back of curb), machine grading, 5'-wide concrete sidewalk on one side of N. Locust and sidewalk replacement on Lorene, structure adjustments as needed, new water services, fire hydrants, valves, and restoration. All driveways would be replaced with concrete approaches. The project also includes the clearing of trees that impact the water main and/or sidewalks. The new water main would be placed in the tree line. Two 2 1/2" caliper trees are included for each property where sidewalk is installed. The roadway would be constructed with two 12'-wide lanes for a total pavement width of 24'.

Roadway Costs

1	LS	Mobilization, Max \$80,000	@	\$80,000.00	\$80,000.00
1	LS	Traffic Maintenance and Control	@	40,000.00	40,000.00
8	Ea	Tree, Rem, 6 inch to 18 inch	@	750.00	6,000.00
10	Ea	Tree, Rem, 19 inch to 36 inch	@	1,200.00	12,000.00
9	Ea	Tree, Rem, 37 inch or Larger	@	1,800.00	16,200.00
2	Ea	Dr Structure, Rem	@	500.00	1,000.00
40	Ft	Sewer, Rem, Less than 24 inch	@	15.00	600.00
5	Cyd	Masonry and Conc Structure, Rem	@	75.00	375.00
975	Syd	Sidewalk, Rem	@	10.00	9,750.00
460	Syd	Pavt, Rem, Modified	@	11.00	5,060.00
250	Cyd	Subgrade Undercutting, Type II	@	27.00	6,750.00
5	Ea	Erosion Control, Inlet Protection, Fabric Drop	@	150.00	750.00
1,900	Cyd	Subbase, CIP	@	20.00	38,000.00
18	Sta	Machine Grading, Modified	@	3,500.00	63,000.00
4,950	Syd	Aggregate Base, 8 inch, Modified	@	14.00	69,300.00
800	Ft	Sewer, CI E, 12 inch, Tr Det B	@	55.00	44,000.00
700	Ft	Perforated Sewer, 12 inch	@	65.00	45,500.00
4	Ea	Dr Structure Cover, Adj, Case 1	@	750.00	3,000.00
10	Ea	Dr Structure Cover, Type K	@	1,100.00	11,000.00
4	Ea	Dr Structure Cover, Type G	@	800.00	3,200.00
4	Ea	Dr Structure Cover, Type Q, Modified	@	1,000.00	4,000.00
2	Ea	Dr Structure, 24 inch dia	@	1,400.00	2,800.00
12	Ea	Leaching Basin, 48 inch dia	@	4,500.00	54,000.00
600	Ton	HMA, 4EL	@	95.00	57,000.00
600	Ton	HMA, 5EL	@	100.00	60,000.00
5,280	Syd	HMA Surface, Rem, Modified	@	5.00	26,400.00
1,140	Syd	Driveway, Nonreinf Conc, 6 inch	@	50.00	57,000.00
3,700	Ft	Curb and Gutter, Conc, Det C4	@	25.00	92,500.00
20	Ft	Curb Ramp Opening, Conc	@	22.00	440.00

ENGINEER'S ESTIMATE

250	Sft	Curb Ramp, Conc, 6 inch	@	\$8.00	\$2,000.00
9,850	Sft	Sidewalk, Conc, 4 inch	@	5.50	54,175.00
3,200	Sft	Sidewalk, Conc, 6 inch	@	6.50	20,800.00
25	Ft	Detectable Warning Surface, Modified	@	40.00	1,000.00
40	Ea	Post, Mailbox	@	200.00	8,000.00
1	LS	Permanent Signs	@	1,500.00	1,500.00
1	LS	Pavement Markings	@	1,500.00	1,500.00
42	Ea	Tree, 2 12 inch, Cal	@	500.00	21,000.00
1	LS	Watering & Cultivating, 1st Season	@	7,500.00	7,500.00
5,900	Syd	Slope Restoration, Non-Freeway, Type A	@	5.00	<u>29,500.00</u>

TOTAL ESTIMATED ROADWAY CONSTRUCTION COST **\$956,600.00**

Water Main Costs

1,000	Ft	Water Main, DI, 6 inch, Tr Det G, Modified	@	\$80.00	\$80,000.00
920	Ft	Water Main, DI, 8 inch, Tr Det G, Modified	@	85.00	78,200.00
2	Ea	Connect to Existing Main, 4 inch	@	2,000.00	4,000.00
3	Ea	Connect to Existing Main, 6 inch	@	2,500.00	7,500.00
2	Ea	Connect to Existing Main, 8 inch	@	3,000.00	6,000.00
2	Ea	Gate Valve and Box, 8 inch, Modified	@	2,500.00	5,000.00
4	Ea	Hydrant, Rem, Modified	@	600.00	2,400.00
4	Ea	Hydrant, Valve and Box, 6 inch	@	6,000.00	24,000.00
3,400	Ft	Copper Water Service Pipe, 1 inch	@	32.00	108,800.00
42	Ea	Reconnect Water Service, House	@	1,000.00	42,000.00
1,600	Lb	Compact Ductile Iron Fittings	@	8.00	12,800.00
42	Ea	Water Service, 1 inch	@	1,200.00	<u>50,400.00</u>

TOTAL ESTIMATED WATER MAIN CONSTRUCTION COST **\$421,100.00**

TOTAL ESTIMATED CONSTRUCTION COST **\$1,377,700.00**

Contingency 138,360.00

Pavement Borings 3,500.00

Design Engineering 96,440.00

Construction Engineering 124,000.00

TOTAL ESTIMATED PROJECT COST **\$1,740,000.00**



Standard Terms and Conditions

Updated 4/1/2024

1. Agreement. Wightman & Associates, Inc. (hereinafter "Consultant") shall provide to the Client the scope of services described in Consultant's Proposal attached hereto. These Standard Terms and Conditions are incorporated into Consultant's Proposal, and together may be referred to as the "Agreement" and shall reflect the professional services (or "Project") for which Consultant is responsible. This Agreement shall be the full extent of the Consultant's obligations. The Consultant shall not be responsible for any obligations or costs except as contained in the Agreement.
2. Authorization. Client shall provide Consultant written authorization to proceed, provided that this signed Agreement by Client shall give the Consultant the right to proceed with the Project.
3. Standard of Care. The Consultant's standard of care for the purposes of this Agreement shall be consistent with the level of care and skill ordinarily exercised by members of its profession currently practicing under similar conditions in similar locations.
4. Terms of Payment/Late Payment Actions/Fees. Payment is due upon presentation of invoice and is past due thirty (30) days from invoice date. Client agrees to pay a finance charge of one and one-half percent (1 ½ %) per month, or the maximum rate allowed by law, whichever is less, on past due accounts.
5. Scope of Services/Additional Services/Changes. If the services covered by this Agreement have not been completed within twelve (12) months of the date of this Agreement (unless otherwise stipulated in the proposal), through no fault of Consultant, extension of Consultant's services beyond that time shall be compensated as "Additional Services." All Additional Services shall be billed separately, and the scope of the services and compensation shall be mutually agreed between the parties, but in any case, not less than Consultant's then-standard hourly rate, and all of Consultant's reimbursable expenses shall also be paid by Client to Consultant, in the amounts set forth below.
6. Hidden Conditions. Consultant is not responsible for latent deficiencies or hidden or concealed conditions not discovered by Consultant within the scope of its services. If Consultant has reason to believe that such a condition may exist, it will advise Client as to the nature of the suspected condition and its significance. Client will be responsible for all risks associated with this condition and for undertaking, at its sole cost and expense, additional investigation and corrective work, if required. If Consultant repairs or corrects any such deficiencies or conditions, Consultant shall be compensated for the same, as Additional Services.
7. Betterment. If, due to Consultant's negligence, error or omission, a required item or component of the project is not provided in the Consultant's construction documents, Consultant shall not be responsible for paying the cost required to add such item or component to the extent that such item or component should have been included in the original construction documents. Consultant shall not be responsible or liable for any cost or expense that provides betterment or upgrades or enhances the value of the Project.
8. Opinions of Cost. Consultant's opinions or estimates of probable construction cost are prepared on the basis of Consultant's experience and qualifications and represent Consultant's judgment as a professional generally familiar with the industry. However, since Consultant has no control over the cost of labor, materials, equipment, or services furnished by others, other contractor's methods of determining prices, or over competitive bidding or market conditions, Consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from Client's budget or from Consultant's opinions or estimates of probable construction cost.
9. Code Interpretations. The Client acknowledges that the requirements of the Americans with Disabilities Act, as amended ("ADA") (as well as all state and local laws, codes, or ordinances), will be subject to various and possibly contradictory interpretations. Consultant will endeavor to use reasonable professional efforts to interpret applicable ADA and other building code requirements as they may apply to Consultant's services. Consultant cannot and does not promise, warrant, or guarantee that its services will comply with interpretations of building code requirements as they apply currently or in the future and unless the Consultant is negligent, the Client shall pay for any additional costs or expenses which are necessary to keep the Project in compliance with the ADA and all other laws, codes, or ordinances. Any changes made by Consultant shall be billed as Additional Services.
10. Use of Drawings, Specifications, and Other Documents. The drawings, specifications and other documents prepared by Consultant for this project are instruments of Consultant's services for use solely with respect to this Project and, unless otherwise provided, Consultant shall be deemed the author of these documents and shall retain all common law, statutory, and other reserved rights, including the copyright.
11. Retaining Records. Consultant will retain pertinent records relating to the services performed for a period of five years following submission of the report, during which period the records will be made available to Client at reasonable times.
12. Insurance Coverage. Consultant shall maintain the following types of insurance: (a) Professional Liability; (b) Commercial General Liability; (c) Workers' Compensation; (d) Employers' Liability; (e) Hired and non-owned automobiles. Client shall be responsible for purchasing and maintaining its own commercial liability and property insurance, including an all-risk policy covering all damages or casualty which occurred to the Project in an amount not less than the then full replacement cost of the Project. The Client's commercial liability insurance policy shall be written for an amount of not less than \$1 million, single-limit coverage. The Client's commercial liability and property insurance policy shall not be cancelled or modified without Consultant having received not less than thirty (30) days prior written notice. Consultant shall be named an additional insured on the Client's insurance policies. Client and Consultant waive rights against each other for loss, damage and/or liability to the extent covered by the insurance policies required to be maintained hereunder and each insurance policy hereunder shall contain a waiver of the insurer's rights of subrogation.
13. Limitations/Exclusions. Client agrees that Consultant's and Consultant's subconsultants' total, aggregate liability to Client and any third parties arising from Consultant's professional acts, errors or omissions, shall not exceed Consultant's total fee received for the Project.
14. The Law/Suspension/Termination/Non-Severability. All obligations arising prior to termination of this Agreement shall survive the completion of the services and termination of this Agreement. This Agreement shall be governed in all respects by the laws of the State of Michigan.
15. Indemnity. Except for the limitations set forth herein, Consultant agrees to indemnify and hold the Client harmless from all damage, liability or cost (including reasonable attorney fees and costs of defense) to the extent caused by Consultant's negligent acts, errors, or omissions in the performance of professional services under this

Agreement and those of its subconsultants or anyone for whom the Consultant is legally liable. The Client agrees to indemnify and hold Consultant harmless, from all damage, liability or cost (including reasonable attorney fees and costs of defense) to the extent caused by the Client's negligent acts, errors or omissions and by those for whom the Client is legally liable.

16. Force Majeure Clause. Neither party will be liable or responsible to the other party, or be deemed to have breached this Agreement, for any failure or delay in fulfilling or performing any term of this Agreement, when and to the extent such failure or delay is caused by any: (i) flood, fire, or explosion; (ii) war, terrorism, invasion, riot, or other civil unrest; (iii) embargoes or blockades in effect on or after the date of this Agreement; (iv) national or regional emergency – including, but not limited to, pandemic, uncontrollable, and/or imminent spread of contagious disease; or (v) strikes, labor stoppages or slowdowns, or other industrial disturbances (each of the foregoing, a "Force Majeure").
17. Certificate of Merit Requirement. Client shall make no claim for professional negligence, either directly or by way of a cross complaint against Consultant, unless Client has first provided Consultant with a written certification executed by an independent consultant currently practicing in the same discipline as Consultant and licensed in the state where the Project issue is located. This certification shall: (a) contain the name and license number of the certifier; (b) specify the acts or omissions that the certifier contends are not in conformance with the Standard of Care for a consultant performing professional services under similar circumstances; and (c) state in detail the basis for the certifier's opinion that such acts or omissions do not conform to the Standard of Care. This certificate shall be provided to Consultant not less than thirty (30) calendar days prior to the filing of any claim. This Certificate of Merit clause will take precedence over any existing state law in force at the time of any claim.
18. Jurisdiction and Venue. Notwithstanding anything in this Agreement to the contrary, Client agrees that any suit related to any dispute related to this Agreement shall be heard in the appropriate Court in the county of the Project. Client agrees that the appropriate County court shall have the subject matter jurisdiction and will be the appropriate venue for any interpretation or dispute related to this Agreement.
19. Termination. Consultant may terminate this Agreement for convenience by written notice to Client and in such event, the Consultant shall be paid only for all work under this Agreement that Consultant has completed to the date of termination on a prorated, equitable basis as reasonably determined by Consultant and which shall include Consultant's prorated profits, general conditions, and overhead.
20. Billing Rates. Below are Consultant's applicable hourly fees, which are subject to change at Consultant's sole discretion upon written notice to Client.*

Principal	\$275.00/hour
Licensed Staff VII	\$250.00/hour
Licensed Staff VI	\$230.00/hour
Licensed Staff V	\$210.00/hour
Licensed Staff IV.	\$195.00/hour
Licensed Staff III..	\$170.00/hour
Licensed Staff II.	\$155.00/hour
Licensed Staff I.....	\$140.00/hour
Professional Staff VI	\$200.00/hour
Professional Staff V	\$175.00/hour
Professional Staff IV	\$150.00/hour
Professional Staff III	\$125.00/hour
Professional Staff II	\$110.00/hour
Professional Staff I	\$100.00/hour
Technician VI	\$130.00/hour
Technician V	\$120.00/hour

Technician IV	\$110.00/hour
Technician III	\$100.00/hour
Technician II	\$90.00/hour
Technician I	\$75.00/hour
Administrative	\$85.00/hour
2-Person Survey Crew	\$200.00/hour
1-Person Survey Crew	\$160.00/hour
2-Person Survey Crew (Construction Staking)	\$220.00/hour
1-Person Survey Crew (Construction Staking)	\$180.00/hour
Expert Witness/Testimony	\$440.00/hour
Drone Pilot/Technician	\$165.00/hour
High-Definition Laser Scanning Technician	\$165.00/hour
High-Definition Laser Scanner Fee	\$165.00/hour
Aerial Drone Equipment.....	\$165.00/hour

21. Reimbursable Expenses.* Compensation for reimbursable expenses shall be computed as a multiple of 1.1 times the expense incurred for the following: Outside Consultants, Travel, Lodging, Postage, UPS, FedEx, Messenger, and Outside Reproduction. Compensation for mileage expenses shall be computed as a multiple of 1.1 times the Federal Rate. In-House Prints/Copies/Plots shall be charged as follows:

- Black & White Prints/Copies
 - 8 ½ x 11 \$0.19/sheet
 - 8 ½ x 14 \$0.19/sheet
 - 11 x 17 \$0.19/sheet
- Color Prints/Copies
 - 8 ½ x 11 \$0.85/sheet
 - 8 ½ x 14 \$0.85/sheet
 - 11 x 17 \$1.25/sheet
- Black & White Plots
 - 12 x 18 \$1.50/sheet
 - 18 x 24 \$2.75/sheet
 - 24 x 36 \$5.00/sheet
 - 30 x 42+ \$7.50/sheet
- Color Plots
 - 12 x 18 \$9.00/sheet
 - 18 x 24 \$18.00/sheet
 - 24 x 36 \$30.00/sheet
 - 30 x 42+ \$42.00/sheet

*Rates subject to change.