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8 April, 2022

Corey Leis, Town Chairman
Town of Clinton, Vernon County
E11014 Leis Road,
Cashton, WI 54619

**Re: Professional Engineering Services
Irish Ridge Road Improvements
2022-2023 TRI-S WisDOT Program**

Dear Corey,

I am pleased to provide Town of Clinton with our proposal for Professional Engineering Services associated with your forthcoming road improvement project for a road segment starting at Irish Ridge Rd and Weister Creek Rd intersection and extending for 1.9 miles to the east and town line. This project is funded in part by the 2022-2023 Local Roads Improvement Program (TRIS) by WisDOT, which provides for 70% state funding and the remaining 30% are local funding.

We have learned that an important factor in maintaining the trust and confidence of our clients, is through clearly communicating the scope of our services. Our engineering proposal for your project is listed below.

GENERAL PROJECT DESCRIPTION

The overall project consists of road reconditioning of approximately 10,100 ft. of existing road. Proposed road section shall consist of two 11' lanes with 4-foot shoulders, 3.0-inch hot mix asphaltic pavement, 6-inch dense aggregate base, 6-inch breaker run sub-base over pulverized existing road, ditching and associated common excavation, erosion control and restoration work.

Project estimated cost is expected to be \$1,249,700. Based on the 2022-2023 funding formula for TRIS Program 70% of the Project cost, including Engineering is eligible for reimbursement by the WisDOT. Engineering design and certification will be required per WisDOT.

PROJECT ASSUMPTIONS

1. Traffic Design Class is expected to be T4 (ADT over 750) with Design Speed of 55 mph and as much as practicable and 10-year design life criteria.
2. Reconstructed Road will improve on horizontal and vertical curves as well as provide appropriate sight distances.
3. Construction easement may be requested from adjacent property owner to accommodate grading activities for the proposed road design.

4. Utilities shall be notified of road improvement plans and if necessary existing utilities can be relocated to accommodate road improvements.

ENGINEERING SERVICES

Task 1: Data Collection

The Engineer will complete the following services under Task 1:

1. Data Collection: Complete a topographic survey that includes all utilities, elevations, roadways, driveways, and all other prominent existing site features on and/or near the project site. The Engineer will be responsible to contact Diggers Hotline and coordinate the utility locate.
2. Existing Site Plan: Prepare an Existing Site Plan showing existing on-site amenities such as paved areas, structures, utilities and existing grades. This sheet may also include bench mark and/or control point information.

Task 2: Construction Documents

1. Construction Documents: The Engineer will prepare a set of Construction Drawings with notes and details, sufficient to show proposed road and site improvements, encompassing the following:
 - a. Existing Site Plan: Prepare an Existing Site Plan demonstrating existing on-site amenities such as: paved areas, structures, utilities and existing grades based on the data collection.
 - b. Proposed Site Plan: Prepare a Proposed Site Plan showing the locations of road, driveways and other paved areas, utilities and structures.
 - c. Grading Plan: Prepare a Grading Plan showing, proposed contours, finish surface spot elevations. This includes performing a preliminary earthwork calculation for the project.
 - d. Plan & Profile Plans: Prepare Plan and Profile plans depicting proposed road grades, horizontal and vertical curve information.
 - e. Cross section Plans: Prepare Road cross sections at 100 ft. increments.
 - f. Erosion Control Plan: Prepare an Erosion Control Plan that will note the location and type of site-specific erosion control measures, as well as site construction notes.
 - g. Details: Provide standard and project specific details relating to the civil site improvements.

Task 3: Bid Procurement

1. Public Bidding: Prepare bidding documentation for the proposed work, assist Town with the public bid notifications and bid opening.
2. All projects shall be advertised for competitive bid. The statutory requirement is that the advertisement is published in a newspaper for (2) consecutive weeks pursuant to s.985.07(2) Wis. Stats. and s.985.01(1m), Wis. Stats., the last of which shall be at least one week before the act or event, unless otherwise specified by law.

Task 4: Construction Services

The Engineer will complete the following services under Task 3:

1. Provide interpretation and clarification of the civil Construction Documents, along with the preparation of addendums, as necessary, during the construction process. Assist site grading activities through automation with GPS grading models, etc.
2. Construction Site Observation: Complete several site observations at intervals appropriate to the state for the civil site improvements construction. Become generally familiar with the progress and quality of work completed. Determine if the work is generally being performed in a manner that when completed, will be in accordance with the contract documents. Field Observation Reports including photos and a narrative, which will be completed for each site observation.
3. Shop Drawing Review: Review shop drawings and submittals pertinent to the civil site improvements as required by the plans and specifications.
4. Construction Staking: Provide construction staking/site layout for the project including any and all costs for stakes, equipment, digital file set-up and grade sheets related to the following services:
 - a. Site Grading:
 - i. Layout for all rough site grading as necessary and in conjunction to the overall GPS grading model.
 - b. Site Concrete:
 - i. Layout of curb & gutter at a 3-foot offset including radius points and end of radius points based on staking spot elevations or at a 50-foot maximum interval – 2 times (1 time for subgrade and 1 time for finish grade).
 - ii. Layout of sidewalk at a 3-foot offset including radius points based on staking spot elevations or at a 50-foot maximum interval – 2 times (1 time for subgrade and 1 time for finish grade).
 - c. Site Utilities:
 - ii. Layout for storm sewer at all manhole structures and endwalls – 1 time.

3. Engineer Certification: Provide signature of a registered professional engineer stating that the design. Plans and specifications were assembled with a 10-year design life criteria for the improvement and the design uses current WisDOT specifications.

COMPENSATION FOR CIVIL ENGINEERING SERVICES

The compensation for engineering services shall be payable as follows:

<u>Task 1: Data Collection:</u>	The Client shall compensate the Engineer for the work listed in Task 1 for a fixed fee total of \$8,000.00.
<u>Task 2: Construction Documents:</u>	The Client shall compensate the Engineer for the work listed in Task 2 for a fixed fee total of \$42,650.00.
<u>Task 3: Bid Procurement:</u>	The Client shall compensate the Engineer for the work listed in Task 3 for a fixed fee total of \$7,000.00.
<u>Task 3: Construction Services:</u>	The Client shall compensate the Engineer for the work listed in Task 3 for a fixed fee total of \$23,650.00.

The client shall compensate the Engineer for all other engineering services based on current hourly rates, expenses and permit review fees. The list of services not included, but not limited to, the scope above are as follows: wetland delineations, traffic analysis, signs, archeological investigations, historical investigations and endangered species investigations.

SPECIAL PROVISIONS

1. The client is responsible for providing, or requiring the contractor to provide any necessary insurance relating to this project.
2. The engineer agrees to obtain and maintain, at the engineer's expense, such insurance as will protect the engineer under claims of Workmen's Compensation and General Liability Insurance.
3. The client agrees to limit any liability of the engineer to the limits of engineer's insurance company settlement payments, if applicable, or the total compensation under this agreement.
4. Original documents, design notes, tracings, computer files, and the like, except those furnished to the engineer by the client, are and shall remain the property of the engineer.
5. The engineer may assist the client in submitting various permit documentation when outlined in the scope of services, however there is never either an implied or expressed warranty that any permits applied for will be approved. It is the client's responsibility to obtain approved file copies of all required federal, state, county, or local permits before any work can commence that would require issuance of any permit.
6. Facsimile signatures shall carry the same meaning and weight as original signatures.
7. Termination for Convenience. The Engineering Service Contract may be terminated by the Town of Clinton in whole or in part at any time. However, if the Engineering Service Contract is terminated before performance is completed, the Engineer shall be paid in full

and as enumerated above as the Engineer has committed time and resources to this project.

In Witness whereof, the parties hereto have executed, or caused to be executed by their duly authorized officials this Agreement in duplicate on the date indicated herein.

CLIENT: Town of Clinton
Corey Leis, Town Chairman

ENGINEER: Central State Construction, LLC.
Svet Rousev, PE

By: _____

By: _____

Date: _____

Date: _____



2022 - 2023

Local Roads Improvement Program (LRIP) State Municipal Project Agreement

Date: **April 02, 2022** Program Type: **TRIS**
 LRIP Project Number: **17219** Project ID: **39508802311**
 County: **Vernon** Appropriation: **29400**
 Recipient: **Town of Clinton** Account: **8700140**

The signatory city, village, town or county, hereinafter called the MUNICIPALITY, through its duly authorized officers or officials via the signed LRIP application form and terms and conditions, and the State of Wisconsin Department of Transportation, hereinafter called the STATE, enter into this agreement to accomplish the described project.

The authority for the MUNICIPALITY and the STATE to enter into this agreement is provided by the *Wisconsin Administrative Code TRANS 206.03(12)*.

Improvement Type: **Reconditioning**
 Surface Type: **70 - Hot Mix Asphalt Pavement (HMAC)**
 On Route 1: **Irish Ridge Rd**
 At Route: **Dell Rd (Termini)**
 Toward Route: **Parker Rd**
 Need for Improvement: **Narrow Traveled Way With Deterioration**
 Other Work: **Culverts, Cut Hills, Geotextile grid fabric, Re-grade ditches, Re-establish crown, Widening roadway**

Thickness	Travel Width (Per Lane)	Left Shoulder	Curb & Gutter	Right Shoulder	Curb & Gutter
3.00 in	11 ft 0 in	4 ft 0 in	N	4 ft 0 in	N

Project Cost Summary	Estimated Costs	LRIP/State Funds	Municipal Funds (includes ineligible costs)
Engineering:	\$81,300.00		
Right-of-Way Acquisition:	\$0.00		
Construction:	\$1,168,400.00		
Total Eligible Costs:	\$1,249,700.00		
Total Ineligible Costs	\$0.00		

Total Improvement Costs: **\$1,249,700.00** **\$867,291.80** **\$382,408.20**

This request is subject to the terms and conditions agreed to at the time of application for the designated MUNICIPALITY and upon acceptance by the STATE, per signature below, shall constitute agreement between the MUNICIPALITY and the STATE.

Accepted for the State of Wisconsin, Department of Transportation:

By: Merrill Mechler-Hickson
 Local Transportation Programs and Finance

April 02, 2022
 Date

2022 - 2023
 Local Roads Improvement Program (LRIP)
 State Municipal Project Agreement

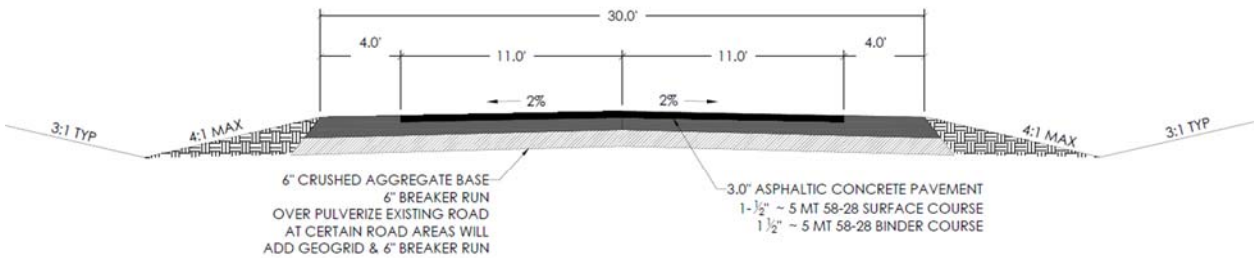
Project Funding						
Funding Type	From Project	Program Type	Biennium	Sunset Date	Approved Amount	Date
New Biennium Project	N/A	TRIS	2022 - 2023	June 30, 2027	\$867,291.80	April 02, 2022
				Total	\$867,291.80	

2022 - 2023
Local Roads Improvement Program (LRIP)
State Municipal Project Agreement
Terms and Conditions

1. The initiation and accomplishment of the improvement will be subject to the applicable federal, state and local laws, administrative policy and program rules, ordinances, standards, and contract bidding requirements. Please note that if any portion of an improvement is funded using federal funds (including design, real estate, or other related work activities), the entire improvement will be subject to federal requirements. All components of the improvement must be defined in the environmental document if any portion of the project is federally funded.
2. The construction of the improvement will be in accordance with the appropriate standards unless an exception to standards is granted by the state prior to construction. The entire cost of the improvement not constructed to standards will be the responsibility of the Municipality/County unless such exception is granted.
3. The Municipality/County will assume all responsibility for complying with all applicable environmental requirements for the improvement.
4. The work, which is eligible for state participation will be administered by the Municipality/County. The authority for the state to delegate this responsibility is described in ch. Trans 206.
5. All contracts will be let by competitive bid and awarded to the lowest responsible bidder in accordance with the provisions of s.86.31 Wis. Stats. and all other municipal/county bidding requirements.
6. State financing will be limited to up to 50 percent (%) participation in eligible items or to the limit approved for the improvement - whichever is less
7. Payments to the Municipality/County will be made after the improvement is completed, and the contractor(s) fully reimbursed.
8. In order to guarantee the Municipality's foregoing agreements to pay the State, the Municipality, through its above duly authorized officers or officials, agrees and authorizes the State to set off and withhold the required reimbursement amount as determined by the State from any moneys otherwise due and payable by the State to the Municipality.
9. The Municipality/County will keep records of the cost of the improvement together with letting documents and will have them available for inspection by representatives of the state and will furnish copies when requested.
10. The design and construction of the improvement must be certified by a registered professional engineer, if the cost of the improvement exceeds \$65,000.
11. Federal Single Audits of Local Government Units:
 - a. The Municipality/County shall have a single organization audit performed by a qualified independent auditor if required to do so under federal law and regulations. (See Federal Circular No. A-133)
 - b. This audit shall be performed in accordance with Federal Circular A-133 issued by the Federal Office of Management and Budget (OMB) and state single audit guidelines issued by the Wisconsin Department of Administration (DOA).
 - c. The Municipality/County will keep records of costs of construction, inspection tests and maintenance done by it to enable the State to review the amount and nature of the expenditure for those purposes. Such accounting records and any other related records shall be subject to a project review or audit as directed by the Department within ten (10) years of project closing.
12. The Municipality/County will maintain, at its own cost and expense, all portions of the project that lie within its jurisdiction and will make ample provision of such maintenance as long as the road remains open to traffic.
13. This agreement is subject to the availability of State funds appropriated for this program. The continuance of this agreement beyond the limits of funds already available to the Wisconsin Department of Transportation is contingent upon appropriation of the necessary funds by the Wisconsin Legislature and the Governor. (Reference 66 OAG 408; State ex rel. LaFollette v. Reuter, 36 Wis. 2d 96, 119 [1967])
14. In accordance with the State's sunset policy for LRIP projects, the subject improvement must be constructed and submitted for reimbursement within three biennium.

Checking this box indicates that the Preparer is authorized to conduct official business for the Municipality/County identified below and upon acceptance by the State shall constitute agreement between the Municipality/County and the State, subject to the terms and conditions above.

Recipient:	Town of Clinton	County:	Vernon	
Head of Government:	COREY LEIS	Title:	Head of Government	
Preparer:	Corey Leis	Title:	Head of Government	Date: 11/06/2021
Reviewer:	Phil Hewitt	Title:	County Highway Commissioner	Date: 11/23/2021



TYPICAL 2% RURAL SECTION

Town of Clinton, Vernon Co, WI
Irish Ridge Rd 1.9 miles TRI-D and TRI-S Application

Irish Ridge Rd Estimate Approx. 10,100 (1.9 miles)

	Item	No. of Units	Units	Unit Cost	Total Amount
1	Performance and Payment Bonds	1	LS	\$12,000.00	\$ 12,000.00
2	Mobilization	1	LS	\$5,000.00	\$ 5,000.00
3	Traffic Control	1	LS	\$6,500.00	\$ 6,500.00
4	Unclassified Excavation	22,500	CY	\$5.00	\$ 112,500.00
5	6" Base Aggregate Dense 1-1/4" - Below Standard Pavement	11,363	Tons	\$13.00	\$ 147,712.50
6	6" Breaker Run	11,363	Tons	\$13.00	\$ 147,712.50
7	3" HMA	4,027	Tons	\$103.50	\$ 416,833.31
8	GeoGrid (select areas)	6,733	SY	\$1.75	\$ 11,783.33
9	Finish Grading	33,667	SY	\$1.50	\$ 50,500.00
10	Culverts	8	Each	\$5,500.00	\$ 44,000.00
11	Seeding & Restoration ROW	22,444	SY	\$1.50	\$ 33,666.67
12	Silt Fence	6,000	LF	\$3.00	\$ 18,000.00
13	Ditch Checks	130	Each	\$75.00	\$ 9,750.00
Subtotal					\$ 1,016,000.00
Contingencies (15%)					\$ 152,400.00
Engineering, Permitting, Bidding & Admin (8%)					\$ 81,300.00
Estimated Total					\$ 1,249,700.00