

Please take notice that a meeting of the Board of County Road Commissioners of the County of Kalamazoo (Board) will take place by electronic means by Joining Zoom Video Conferencing and in-person as provided under Act 267 of the Public Acts of 1976 as amended, or commonly referred to as the Open Meetings Act (OMA). This is subject to change based on further guidance.

The public is welcome to continue to participate electronically, including by telephonic conferencing or video conferencing, in a manner in which both the general public and the members of the public body may participate by electronic means. To assist we ask those participating to please follow the following best practices:



1. Turn off cellular/mobile devices and minimize distractions.
2. Only RCKC hosts/co-hosts will have the ability to mute and always unmute, in order to more efficiently conduct the meeting and avoid background noise.
3. As you participate in the meeting, your microphone will be placed on "mute". Please see Public Comment Guidelines below for additional information.
4. Public comments in-person should be provided at the podium in order to ensure proper audio.

Public Comment Guidelines

During "Public Comment" participants will have the opportunity to address the Board at the beginning of the meeting and at the end of the meeting for *non-agenda items*. The members of the public in attendance at the Board meeting shall be given the opportunity to address the Board on any *agenda item* only after being recognized by the Chair or acting Chair after a motion has been made and duly seconded, and prior to Board discussion on the item. All comments, statements or questions will be directed to the Board. Once the Board begins its discussion on the motion there will be no further public comment unless specifically requested by the Board.

Public comments, statements, or questions shall be **limited to not more than three (3) minutes** for each person addressing the Board. Minutes will not be allowed to be donated to others to increase time limitations. While all comments, statements and questions will be received by the Board it will be at the discretion of the Board or Board Members to respond at that time or to refer to staff for response at a later time or to the Road Commission's files. The Board appreciates receiving any written documents, photos, drawings, etc. as part of the citizen(s) presentation during the opportunity for public comment. These may also be sent by email info@kalamazooountyroads.com or regular mail in advance or in lieu of an in-person presentation and will be shared with all Board Members and included in the official record.

To provide public comment by Zoom.

- a. **Raise Hand:** Use the "Raise Hand" feature  in Zoom
- b. **Raise Hand:** Use *9 for telephone audio
- c. **Mute:** Use the "Mute/Unmute" feature in participants 
- d. **Mute:** Use *6 to toggle mute/unmute for telephone audio
- e. The "**chat**" feature shall only be used to address any technical issues for public participation. A RCKC Moderator will be available to assist with platform usage questions.

The RCKC platform are intended to promote a friendly, and informative experience for participants. Therefore, content and comments containing any of the following are not allowed and participants will be immediately BLOCKED.

- Profane language or content.
- Personal attack on individuals or specific groups or organization.
- Content that promotes, fosters or perpetuates discrimination on the basis of race, creed, color, age, religion, gender, marital status, status with regard to public assistance, national origin, physical or mental disability or sexual orientation, or any other form of discrimination, in the sole discretion of the Road Commission.
- Sexual content or links to sexual content.
- Conduct or encouragement of illegal, harmful, or offensive activity.
- Content that violates a legal ownership interest of any other party.
- Content determined to be inappropriate, in poor taste, or otherwise contrary to the purposes of this forum, in the sole discretion of the Board.



**BOARD OF COUNTY ROAD COMMISSIONERS OF THE COUNTY OF KALAMAZOO
MEETING AGENDA
MARCH 25, 2025 – 3:00 P.M.**

Please take notice that a meeting of the Board of County Road Commissioners of the County of Kalamazoo (Board) will take place in person for the above stated date and time at the Office Building of the Road Commission located at 4400 S 26th Street, Kalamazoo, Michigan. Members of the public body may participate by in-person or electronic means. Members of the public body may participate by electronic means by Joining Zoom Video Conferencing Board Meeting by internet at <https://zoom.us/j/94008458512> Meeting ID: 940 0845 8512 or by telephone at +1-646-558-8656 Meeting ID: 940 0845 8512 for the purpose of considering the following items:

Call to Order

Public Comment Guidelines

Pledge of Allegiance

The goal of the Board of County Road Commissioners of the County of Kalamazoo is using our expertise, energy, and funds to provide the safest and most convenient road system possible, and to contribute to economic development and high quality of life throughout the county. Our goal is to maintain a county road system that is safe and convenient for public travel and to manage the roadside environment, with a view toward preservation.

Approval of Agenda

Approval of Minutes

March 11, 2025 Board Meeting

Approval of Payroll and Vendor Accounts

Public Comment on Non-agenda Items

New Business:

- A. Request Approval of the Resolutions for the Local Bridge Funding Applications**
- B. Request Approval of the Cab and Chassis Truck Purchase**
- C. Request Approval of the Truck Components Purchase**
- D. Request Approval of Bid #2025-08 Pulverizing and Rotomilling Services**
- E. Request Approval of the Climax Township Local Road Contract**
 - a. **38th Street** – O Avenue to 5,280' north of O Avenue; **Crack Fill, Chip Seal**
 - b. **39th Street** – T Avenue to R Avenue – **Crack Fill, Chip Seal**
 - c. **OP Avenue** – 42nd Street to 44th Street; **Crack Fill, Chip Seal**
 - d. **Q Avenue** – 3,569' east of 46th Street to 5,280' east of 46th Street; **Chip Seal Trial**
 - e. **S Avenue** – 43rd Street to 47th Street; **Crack Fill, Chip Seal**
 - f. **T Avenue** – 36th Street to 39th Street; **Crack Fill, Chip Seal**
 - g. **46th Street** – Q Avenue to PQ Avenue, **PQ Avenue** – 46th Street to 47th Street; **Gravel Resurfacing**
 - h. **39th Street** – ON Avenue to 3,168' north of ON Avenue, **ON Avenue** – 39th Street to 3,764' west of 42nd Street; **Gravel Resurfacing (Contingency Project)**
- F. Request Approval of the Climax Township Local Road Contract**
 - a. **40th Street** – R Avenue to Q Avenue; **Chip Seal, Fog Seal**
- G. Request Approval of the Kalamazoo Township Local Road Contract**
 - a. **Dartmouth Street** – West Main Street to Hillsdale Avenue; **Clarendon Street** – West Main Street to West North Street, **Berkley Street** – West Main Street to Hillsdale Avenue; **Commonwealth Avenue** –





- Dartmouth Street to Arlington Street; **West North Street** – Dartmouth Street to Berkley Street; **Crack Fill, Chip Seal, Fog Seal**
- b. **Cooper Avenue** – Dearborn Avenue to East Main Street; **Crack Fill, Chip Seal, Fog Seal**
 - c. **Borgess Drive** – Nazareth Road to 75' west of Casper Street; **Crack Fill, Chip Seal, Fog Seal**
 - d. **Fairfield Avenue** – West Main Street to 225' north of Hilltop Street, **Castle Street** – Brook Drive to Fairfield Avenue, **Seamers Street** – Brook Drive to Fairfield Avenue, **Hilltop Street** – Brook Drive to Fairfield Avenue; **HMA Overlay**
 - e. **Woodrow Drive** – Texel Drive to Ashbury Avenue; **HMA Overlay**
 - f. **Seville Avenue** – Shasta Drive to Monterey Drive, **Oxford Street** – 159' south of Barclay Drive to Barclay Drive, **Shasta Drive** – Barclay Drive to Mosel Avenue, **Monterey Drive** – Shasta Drive to Seville Avenue, **Monterey Circle** – Monterey Drive to 142' north of Monterey Drive; **HMA Overlay**
 - g. **Avondale Drive** – Craft Avenue to Craft Avenue, **Avondale Circle** – Avondale Circle to 130' east of Avondale Drive; **HMA Overlay**
 - h. **Craft Avenue** – Kenilworth Avenue to East Main Street; **HMA Overlay**
 - i. **Chrysler Street** – Kenilworth Avenue to East Main Street; **HMA Overlay**
 - j. **Nelson Avenue** – 954' south of West Main Street to West Main Street; **HMA Overlay**
 - k. **Gilkison Avenue** – 954' south of West Main Street to West Main Street; **HMA Overlay**
- H. **Request Approval of the Pavilion Township Local Road Contract**
- a. **34th Street** – TS Avenue to R Avenue; **Crack Fill**
 - b. **O Avenue** – 31st Street to 33rd Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
 - c. **R Avenue** – 32nd Street to 33rd Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
 - d. **33rd Street** – T Avenue to S Avenue; **Crack Fill, Chip Seal, Fog Seal**
 - e. **31st Street** – O Avenue to N Avenue; **Crack Fill**
 - f. **R Avenue** – 29th Street to 32nd Street; **Crack Fill**
 - g. **26th Street** – S Avenue to RS Avenue; **Crack Fill**
 - h. **RS Avenue** – 25th Street to 28th Street; **Crack Fill**
 - i. **31st Street** – Q Avenue to OP Avenue; **Crack Fill**
 - j. **33rd Street** – O Avenue to N Avenue; **Crack Fill**
 - k. **ON Avenue** – 28th Street to 29th Street; **Crack Fill**
 - l. **O Avenue** – 26th Street to 28th Street, **28th Street** – O Avenue to ON Avenue; **Crack Fill**
 - m. **O Avenue** – 25th Street to 26th Street; **Crack Fill**
 - n. **O Avenue** – 2,640' west of 25th Street to 25th Street; **Crack Fill**
 - o. **T Avenue** – 32nd Street to 34th Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
 - p. **32nd Street** – S Avenue to R Avenue; **Double Chip Seal Trial**
 - q. **28th Street** – QR Avenue to PQ Avenue; **Railroad Crossing; HMA Overlay**
 - r. **O Avenue** – 25th Street to 26th Street; **Railroad Crossing; HMA Overlay**
 - s. **26th Street** – P Avenue to O Avenue; **Railroad Crossing; HMA Overlay**
 - t. **T Avenue** – 3,500' east of 34th Street to 4,500' east of 34th Street; **HMA Wedging**
- I. **Request Approval of the Prairie Ronde Township Local Road Contract**
- a. **Y Avenue** – 3rd Street to 4th Street; **4th Street** – YZ Avenue to Y Avenue; **YZ Avenue** – 4th Street to 5th Street; **5th Street** – YZ Avenue to YZ Avenue, **YZ Avenue** – 5th Street to 6th Street; **Gravel Resurfacing**
 - b. **VW Avenue** – 8th Street to 12th Street; **Crack Fill, Chip Seal**
 - c. **4th Street** – XY Avenue to W Avenue; **Crack Fill, Chip Seal**
 - d. **5th Street** – W Avenue to V Avenue; **Crack Fill, Chip Seal (Contingency Project)**
 - e. **2nd Street** – U Avenue to TU Avenue; **Crack Fill, Chip Seal (Contingency Project)**
- J. **Request Approval of the Ross Township Local Road Contract**





- a. **38th Street** – 528' south of G Avenue to G Avenue; **Gravel, Pulverize, HMA Base and Surface Paving**
- b. **B Avenue** – 40th Street to 42nd Street; **Chip Seal, Fog Seal**
- c. **38th Street** – Gull Lake Drive East to C Avenue; **Chip Seal, Fog Seal**
- d. **46th Street** – M-89 to C Avenue; **Chip Seal, Fog Seal**
- e. **CD Avenue** – 46th Street to 48th Street; **Chip Seal, Fog Seal**
- f. **47th Street** – B Avenue to Baseline Road; **Crack Fill**
- g. **Baseline Road** – 44th Street to 47th Street; **Crack Fill**
- h. **43rd Street** – B Avenue to 4,171' north of B Avenue; **Crack Fill**
- K. **Request Approval of the Texas Township Local Road Contract**
 - a. **6th Street** (South Crooked Lake Drive) – Q Avenue to 742' north of Q Avenue; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
 - b. **Vineyard Parkway** – 720' south of Q Avenue to Q Avenue; **Crack Fill, Chipp Seal, Fog Seal**
 - c. **2nd Street** – S Avenue to RS Avenue; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
 - d. **7th Street** – Q Avenue to East Crooked Lake Drive, **Crooked Lake Drive East** – 800' west of 7th Street to 7th Street; **East Crooked Lake Drive** – 7th Street to 2,573' north of 7th Street; **Crack Fill, Chip Seal, Fog Seal**
 - e. **DNR Street** – 1,050' south of OP Avenue to OP Avenue; **Crack Fill, Chip Seal, Fog Seal**
 - f. **Torrey Pines Drive** – Cypress Bay Drive to Veronica Street, **Stapleton Drive** – Torrey Pines Drive to 12th Street, **Stoneybrook Road** – Burning Tree Road (west) to 12th Street, **Hunters Ridge Drive** – Heathrow Avenue to Cypress Bay Drive, **Snowbird Court** – Hunters Ridge Drive to Hunters Ridge Drive; **HMA Overlay**
 - g. **Veronica Street** – Cypress Bay Drive to Queen Victoria Lane, **Lewsinda Avenue (west)** – 213' west of Marsha Street to Veronica Street; **Marsha Street** – Lewsinda Avenue to 135' north of Lewsinda Avenue, **Lewsinda Avenue (east)** – Veronica Street to 12th Street, **Anthony Street** – Lewsinda Avenue to 121' north of Lewsinda Avenue; **HMA Overlay**
 - h. **10th Street** – R Avenue to Q Avenue; **Crack Fill, Chip Seal, Fog Seal**
 - i. **PQ Avenue** – 7,920' west of 3rd Street to 3rd Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
 - j. **Vankal Street** – RS Avenue to Q Avenue; **HMA Overlay**
 - k. **Glenwynd Drive** – 6th Street to O Avenue; **Crack Fill, Chip Seal, Fog Seal**
 - l. **RS Avenue** – 2nd Street to 6th Street; **Crack Fill, Chip Seal, Fog Seal**
 - m. **Chadeau Avenue** – Norcross Street to 10th Street, **Norcross Street** – 308' south of Kieth Court to 400' north of Keith Court, **Keith Court** – Norcross Street to 400' east of Norcross Street, **Omega Street** – Chadeau Avenue to 169' north of Chadeau Avenue; **Crack Fill, Chip Seal, Fog Seal**
 - n. **Treasure Island Drive** – Pepper Avenue to 2,544' north of Pepper Avenue, **Pepper Avenue** – Treasure Island Drive to 667' east of Finnagen Street, **Woods Drive** – Treasure Island Drive to 934' north of Treasure Island Drive, **Finnagen Street** – PQ Avenue to Pepper Avenue; **Crack Fill, Chip Seal, Fog Seal**
 - o. **10th Street** – Q Avenue to Texas Drive; **Crack Fill, Chip Seal, Fog Seal**
 - p. **Vankal Street** – 7,020' south of RS Avenue to RS Avenue; **HMA Overlay (Contingency Project)**
- L. **Request Approval of the Wakeshma Township Local Road Contract**
 - a. **TU Avenue** – 39th Street to 42nd Street; **Gravel Resurfacing**
 - b. **38th Street** – W Avenue to V Avenue; **Crack Fill, Chip Seal**
 - c. **Art Martin** – W Avenue to 300' north of White Lawn Street, **White Lawn Street** – 315' west of Art Martin Street to 42nd Street; **Chip Seal**
 - d. **U Avenue** – 42nd Street to 44th Street; **Chip Seal, Fog Seal**
 - e. **X Avenue** – 38th Street to 40th Street; **Double Chip Seal**
 - f. **X Avenue** – 40th Street to 42nd Street; **Pulverize, Double Chip Seal (Contingency Project)**





Public Comment on Non-agenda Items

Managing Director's Time

Commissioner's Time and Committee Reports:

Davis –
Thompson – Kalamazoo County Board of Public Works (BPW)
Dickason –
Stehouwer – Kalamazoo County Parks and Recreation Commission
Pawloski – Kalamazoo County Environmental Health Advisory Council (EHAC)

Adjourn

Meetings of the Board of County Road Commissioners of the County of Kalamazoo are held in accordance with the Open Meetings Act (Act 67 of 1976, as amended) and are also open to the public without regard to race, color, national origin, sex, or handicap. If special aid or assistance is required to attend a Board meeting, please submit a request at minimum of 72 (seventy-two) hours in advance of the meeting by mail, telephone, or email to: Road Commission of Kalamazoo County 4400 S 26th Street Kalamazoo, MI 49048 Telephone: (269) 381-3171 or Email: info@kalamazoocountyroads.com Website: www.kalamazoocountyroads.com.





To: Board of County Road Commissioners of the County of Kalamazoo

From: Travis D. Bartholomew, Managing Director

CC: RCKC Team

Date: March 25, 2025

Re: Board Weekly Report

New Business:

A. Request Approval of the Resolutions for the Local Bridge Funding Applications

For Fiscal Year 2028, the Local Bridge Program statewide budget is estimated at \$50 million. Applications compete with others in a region, and historically, statewide submissions total more than 300 with funding requests in excess of \$500 million.

RCKC currently has 62 bridges on our primary and local road system that are eligible for funding through this program. To be considered a bridge, a structure must have a total span length of more than 20 feet measured along the centerline of the roadway over a stream, watercourse, or opening. A multi-unit culvert is measured along the centerline of the roadway, with the distance between the culvert units is less than half the diameter of the smallest unit.

The preventive maintenance, structure rehabilitation and replacement, and approach construction costs may be eligible for a maximum of 95 percent participation from federal and state funds. The right-of-way, design, and construction engineering costs do not qualify for these funds. Those costs are the responsibility of the RCKC and when on a local road, the participating Township. Overall, our network has bridges on local roads that are in more need of work than their primary road counterparts. For a local bridge project to move forward, the Township would need to commit to funding 50% of the local costs for the project. RCKC staff proposes the following bridges for submittal to the Local Bridge Program for funding in 2028.

- Mosel Avenue Structure #4631 over the Kalamazoo River, Kalamazoo Township, primary road (Built 1980) – Rehabilitation
- Y Avenue Structure #4621 over the Portage River, Brady Township, local road (Built 1976) – Preventive Maintenance

We will adjust the RCKC Primary Road Capital Improvement Plan (CIP) for 2025 - 2029 if a bridge(s) is selected. RCKC costs are for design engineering, construction engineering, and local construction share. ***We recommend the Board approve of the local bridge program funding resolutions for the FY 2028 Local Bridge Program applications for the Chair's signature.***

B. Request Approval of the Cab and Chassis Truck Purchase

Outlined in the 2025 Capital Outlay Budget and our 5-Year Equipment Capital Improvement Plan is the purchase of Cab and Chassis trucks. These trucks will service our operations as snowplow trucks for winter maintenance and as semi-tractors during the construction season to haul equipment and materials to and from various job sites and routine maintenance activities. This cab and chassis purchase does not include the additional equipment and accessories necessary to place these units in service. RCKC typically purchases new dump box and/or V-box bodies, underbody scrapers, wing plows, spreaders, and hydraulic system/controls including custom installation as part of a separate "Truck Components Purchase". At this time, we are requesting the Board approval to purchase two (2) of the four (4) budgeted Cab and Chassis units, which would be custom-built as semi-tractor/snowplow trucks. Currently, RCKC is evaluating the feasibility of building two (2) modified Class 8 trucks. These trucks would include increased load capacity and horizontal unload capability verse the



conventional dump body. RCKC staff contacted several vendors to solicit governmental purchasing program quotes through MiDeal or Sourcewell. The estimated delivery of the two (2) cab/chassis from West Michigan International is November 2025. ***We recommend the Board approve the purchase of two (2) Cab and Chassis, Heavy Duty Class 8 trucks from West Michigan International through the Sourcewell purchasing program for a total cost of \$300,630.86.***

C. Request Approval of the Truck Components Purchase

Outlined in our Capital Outlay section of our proposed 2026 Budget is the purchase of right-hand wing plows, hydraulic systems, controls, and other components for a cost of \$625,000. This purchase is necessary to complete the build of our new Class 8 Heavy Duty Cab/Chassis, allowing them to be placed in service in 2026. We continue to experience delays and lack of availability of parts, equipment and materials related to truck components. Currently the expected lead time of the various truck components is 16-18 months from the time of order. To maintain our current build schedule, the RCKC Team is requesting the Board approve the 2026 Truck Components Purchase now to minimize potential delays that would hinder placing our two (2) new trucks in service in 2026. This truck components purchase request is prior to our approved 2026 budget. RCKC expects to take delivery of two (2) completely built tandem-axle semi-tractors in September 2026 if the Board approves this purchase. Truck & Trailer Specialties Inc. pricing includes a 1-year warranty on all the equipment and components, and they have proposed a 16-18 months' timeline to deliver two completed units. Our goal is to have these units in service by the fourth quarter of 2026. ***We recommend the Board approve the 2026 Truck Components Purchase including: two (2) complete hydraulic and electrical systems, two (2) 14' stainless steel dual auger V-boxes, two (2) underbody scrapers, two (2) cross auger sander/spinner assemblies, two (2) 9' right hand wing plows, two (2) 34" Hustling type front plow hitches, including applicable warranties from Truck & Trailer Specialties, Inc. through the MiDeal purchasing program for a total of \$332,758.***

D. Request Approval of Bid #2025-08 Pulverizing and Rotomilling Services

Pulverizing and rotomilling, also referred to as cold milling, are essential processes in road construction and maintenance, providing efficient methods of pavement recycling, pavement removal, and substrate preparation. Pulverizing and cold milling techniques allow RCKC to reduce material procurement costs through recycling, which also lowers energy and fuel consumption during road construction, decreases waste disposal expenses and enhances project efficiency with minimized road closures. RCKC has identified five (5) projects to date for the 2025 construction season requiring pulverizing services. In the past RCKC has solicited quotes for individual projects for these services. Utilizing this Pulverizing and Rotomilling Services Bid will reduce delays associated with contractor availability and contractor procurement through the quotation process, which would also expedite project completion. The cold milling service in this bid would only be used for unforeseen repairs and/or routine maintenance work. The cold milling necessary on our 2025 road projects is included in our HMA Bid extension with Lakeland Asphalt. This is the first time RCKC has bid Pulverizing and Rotomilling Services. We sent out a public bid notice to contractors and construction/bidding entities, as well as the posting on our website. We had four (4) downloads of the bid specifications and received three (3) bid proposals. ***We recommend the Board award the Pulverizing and Rotomilling Services Bid #2025-08 to J.L. Milling Inc., Michigan Paving & Materials Co, and Lakeland Asphalt Corporation with the option to extend for three (3) one (1) year extensions by the mutual agreement of both parties.***

E. Request Approval of the Climax Township Local Road Contract

- a. **38th Street** – O Avenue to 5,280' north of O Avenue; ***Crack Fill, Chip Seal***
- b. **39th Street** – T Avenue to R Avenue – ***Crack Fill, Chip Seal***
- c. **OP Avenue** – 42nd Street to 44th Street; ***Crack Fill, Chip Seal***
- d. **Q Avenue** – 3,569' east of 46th Street to 5,280' east of 46th Street; ***Chip Seal Trial***
- e. **S Avenue** – 43rd Street to 47th Street; ***Crack Fill, Chip Seal***



- f. **T Avenue** – 36th Street to 39th Street; **Crack Fill, Chip Seal**
- g. **46th Street** – Q Avenue to PQ Avenue, **PQ Avenue** – 46th Street to 47th Street; **Gravel Resurfacing**
- h. **39th Street** – ON Avenue to 3,168' north of ON Avenue, **ON Avenue** – 39th Street to 3,764' west of 42nd Street; **Gravel Resurfacing (Contingency Project)**

We recommend the Board approve the Climax Township Local Road Contract for the Chair's signature.

F. Request Approval of the Climax Township Local Road Contract

- a. **40th Street** – R Avenue to Q Avenue; **Chip Seal, Fog Seal**

We recommend the Board approve the Climax Township Local Road Contract for the Chair's signature.

G. Request Approval of the Kalamazoo Township Local Road Contract

- a. **Dartmouth Street** – West Main Street to Hillsdale Avenue; **Clarendon Street** – West Main Street to West North Street, **Berkley Street** – West Main Street to Hillsdale Avenue; **Commonwealth Avenue** – Dartmouth Street to Arlington Street; **West North Street** – Dartmouth Street to Berkley Street; **Crack Fill, Chip Seal, Fog Seal**
- b. **Cooper Avenue** – Dearborn Avenue to East Main Street; **Crack Fill, Chip Seal, Fog Seal**
- c. **Borgess Drive** – Nazareth Road to 75' west of Casper Street; **Crack Fill, Chip Seal, Fog Seal**
- d. **Fairfield Avenue** – West Main Street to 225' north of Hilltop Street, **Castle Street** – Brook Drive to Fairfield Avenue, **Seamers Street** – Brook Drive to Fairfield Avenue, **Hilltop Street** – Brook Drive to Fairfield Avenue; **HMA Overlay**
- e. **Woodrow Drive** – Texel Drive to Ashbury Avenue; **HMA Overlay**
- f. **Seville Avenue** – Shasta Drive to Monterey Drive, **Oxford Street** – 159' south of Barclay Drive to Barclay Drive, **Shasta Drive** – Barclay Drive to Mosel Avenue, **Monterey Drive** – Shasta Drive to Seville Avenue, **Monterey Circle** – Monterey Drive to 142' north of Monterey Drive; **HMA Overlay**
- g. **Avondale Drive** – Craft Avenue to Craft Avenue, **Avondale Circle** – Avondale Circle to 130' east of Avondale Drive; **HMA Overlay**
- h. **Craft Avenue** – Kenilworth Avenue to East Main Street; **HMA Overlay**
- i. **Chrysler Street** – Kenilworth Avenue to East Main Street; **HMA Overlay**
- j. **Nelson Avenue** – 954' south of West Main Street to West Main Street; **HMA Overlay**
- k. **Gilkison Avenue** – 954' south of West Main Street to West Main Street; **HMA Overlay**

We recommend the Board approve the Kalamazoo Township Local Road Contract for the Chair's signature.

H. Request Approval of the Pavilion Township Local Road Contract

- a. **34th Street** – TS Avenue to R Avenue; **Crack Fill**
- b. **O Avenue** – 31st Street to 33rd Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- c. **R Avenue** – 32nd Street to 33rd Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- d. **33rd Street** – T Avenue to S Avenue; **Crack Fill, Chip Seal, Fog Seal**
- e. **31st Street** – O Avenue to N Avenue; **Crack Fill**
- f. **R Avenue** – 29th Street to 32nd Street; **Crack Fill**
- g. **26th Street** – S Avenue to RS Avenue; **Crack Fill**
- h. **RS Avenue** – 25th Street to 28th Street; **Crack Fill**
- i. **31st Street** – Q Avenue to OP Avenue; **Crack Fill**
- j. **33rd Street** – O Avenue to N Avenue; **Crack Fill**
- k. **ON Avenue** – 28th Street to 29th Street; **Crack Fill**
- l. **O Avenue** – 26th Street to 28th Street, **28th Street** – O Avenue to ON Avenue; **Crack Fill**
- m. **O Avenue** – 25th Street to 26th Street; **Crack Fill**
- n. **O Avenue** – 2,640' west of 25th Street to 25th Street; **Crack Fill**
- o. **T Avenue** – 32nd Street to 34th Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**



- p. **32nd Street** – S Avenue to R Avenue; **Double Chip Seal Trial**
- q. **28th Street** – QR Avenue to PQ Avenue; **Railroad Crossing; HMA Overlay**
- r. **O Avenue** – 25th Street to 26th Street; **Railroad Crossing; HMA Overlay**
- s. **26th Street** – P Avenue to O Avenue; **Railroad Crossing; HMA Overlay**
- t. **T Avenue** – 3,500' east of 34th Street to 4,500' east of 34th Street; **HMA Wedging**

We recommend the Board approve the Pavilion Township Local Road Contract for the Chair's signature.

I. Request Approval of the Prairie Ronde Township Local Road Contract

- a. **Y Avenue** – 3rd Street to 4th Street; **4th Street** – YZ Avenue to Y Avenue; **YZ Avenue** – 4th Street to 5th Street; **5th Street** – YZ Avenue to YZ Avenue, **YZ Avenue** – 5th Street to 6th Street; **Gravel Resurfacing**
- b. **VW Avenue** – 8th Street to 12th Street; **Crack Fill, Chip Seal**
- c. **4th Street** – XY Avenue to W Avenue; **Crack Fill, Chip Seal**
- d. **5th Street** – W Avenue to V Avenue; **Crack Fill, Chip Seal (Contingency Project)**
- e. **2nd Street** – U Avenue to TU Avenue; **Crack Fill, Chip Seal (Contingency Project)**

We recommend the Board approve the Prairie Ronde Township Local Road Contract for the Chair's signature.

J. Request Approval of the Ross Township Local Road Contract

- a. **38th Street** – 528' south of G Avenue to G Avenue; **Gravel, Pulverize, HMA Base and Surface Paving**
- b. **B Avenue** – 40th Street to 42nd Street; **Chip Seal, Fog Seal**
- c. **38th Street** – Gull Lake Drive East to C Avenue; **Chip Seal, Fog Seal**
- d. **46th Street** – M-89 to C Avenue; **Chip Seal, Fog Seal**
- e. **CD Avenue** – 46th Street to 48th Street; **Chip Seal, Fog Seal**
- f. **47th Street** – B Avenue to Baseline Road; **Crack Fill**
- g. **Baseline Road** – 44th Street to 47th Street; **Crack Fill**
- h. **43rd Street** – B Avenue to 4,171' north of B Avenue; **Crack Fill**

We recommend the Board approve the Ross Township Local Road Contract for the Chair's signature.

K. Request Approval of the Texas Township Local Road Contract

- a. **6th Street** (South Crooked Lake Drive) – Q Avenue to 742' north of Q Avenue; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- b. **Vineyard Parkway** – 720' south of Q Avenue to Q Avenue; **Crack Fill, Chipp Seal, Fog Seal**
- c. **2nd Street** – S Avenue to RS Avenue; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- d. **7th Street** – Q Avenue to East Crooked Lake Drive, **Crooked Lake Drive East** – 800' west of 7th Street to 7th Street; **East Crooked Lake Drive** – 7th Street to 2,573' north of 7th Street; **Crack Fill, Chip Seal, Fog Seal**
- e. **DNR Street** – 1,050' south of OP Avenue to OP Avenue; **Crack Fill, Chip Seal, Fog Seal**
- f. **Torrey Pines Drive** – Cypress Bay Drive to Veronica Street, **Stapleton Drive** – Torrey Pines Drive to 12th Street, **Stoneybrook Road** – Burning Tree Road (west) to 12th Street, **Hunters Ridge Drive** – Heathrow Avenue to Cypress Bay Drive, **Snowbird Court** – Hunters Ridge Drive to Hunters Ridge Drive; **HMA Overlay**
- g. **Veronica Street** – Cypress Bay Drive to Queen Victoria Lane, **Lewsinda Avenue (west)** – 213' west of Marsha Street to Veronica Street; **Marsha Street** – Lewsinda Avenue to 135' north of Lewsinda Avenue, **Lewsinda Avenue (east)** – Veronica Street to 12th Street, **Anthony Street** – Lewsinda Avenue to 121' north of Lewsinda Avenue; **HMA Overlay**
- h. **10th Street** – R Avenue to Q Avenue; **Crack Fill, Chip Seal, Fog Seal**
- i. **PQ Avenue** – 7,920' west of 3rd Street to 3rd Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- j. **Vankal Street** – RS Avenue to Q Avenue; **HMA Overlay**
- k. **Glenwynd Drive** – 6th Street to O Avenue; **Crack Fill, Chip Seal, Fog Seal**
- l. **RS Avenue** – 2nd Street to 6th Street; **Crack Fill, Chip Seal, Fog Seal**



- m. **Chadeau Avenue** – Norcross Street to 10th Street, **Norcross Street** – 308' south of Kieth Court to 400' north of Keith Court, **Keith Court** – Norcross Street to 400' east of Norcross Street, **Omega Street** – Chadeau Avenue to 169' north of Chadeau Avenue; **Crack Fill, Chip Seal, Fog Seal**
 - n. **Treasure Island Drive** – Pepper Avenue to 2,544' north of Pepper Avenue, **Pepper Avenue** – Treasure Island Drive to 667' east of Finnagen Street, **Woods Drive** – Treasure Island Drive to 934' north of Treasure Island Drive, **Finnagen Street** – PQ Avenue to Pepper Avenue; **Crack Fill, Chip Seal, Fog Seal**
 - o. **10th Street** – Q Avenue to Texas Drive; **Crack Fill, Chip Seal, Fog Seal**
 - p. **Vankal Street** – 7,020' south of RS Avenue to RS Avenue; **HMA Overlay (Contingency Project)**
- We recommend the Board approve the Texas Township Local Road Contract for the Chair's signature.***

L. Request Approval of the Wakeshma Township Local Road Contract

- a. **TU Avenue** – 39th Street to 42nd Street; **Gravel Resurfacing**
- b. **38th Street** – W Avenue to V Avenue; **Crack Fill, Chip Seal**
- c. **Art Martin** – W Avenue to 300' north of White Lawn Street, **White Lawn Street** – 315' west of Art Martin Street to 42nd Street; **Chip Seal**
- d. **U Avenue** – 42nd Street to 44th Street; **Chip Seal, Fog Seal**
- e. **X Avenue** – 38th Street to 40th Street; **Double Chip Seal**
- f. **X Avenue** – 40th Street to 42nd Street; **Pulverize, Double Chip Seal (Contingency Project)**

We recommend the Board approve the Wakeshma Township Local Road Contract for the Chair's signature.

The regular meeting of the Board of County Road Commissioners of the County of Kalamazoo was held at the Road Commission of Kalamazoo County (RCKC) office at 4400 S 26th Street, Kalamazoo, Michigan, on Tuesday, March 11, 2025. Commissioner Pawloski called the meeting to order at 3:00 p.m.

Present: David C. Pawloski, Larry Stehouwer, Keshia Dickason, Randy Thompson, Andy Davis

Also attending: Managing Director Travis Bartholomew, Public Relations Director Mark Worden, County Engineer Ryan Minkus, Assistant County Engineer Jim Hoekstra, Finance Director Kim Bodnar, Human Resources (HR) Director Debbie Hill, General Superintendent Bill DeYoung, Assistant General Superintendent Rusty McClain, Road Maintenance Superintendent Bill Oxx, Communications Administrator Sarah Phillips, and Administrative Assistant Selena Rider.

Administrative Assistant Rider reviewed public meeting guidelines.

Pledge of Allegiance

Commissioner Pawloski shared the goal of the Board of County Road Commissioners of the County of Kalamazoo is using our expertise, energy, and funds to provide the safest and most convenient road system possible, and to contribute to economic development and high quality of life throughout the county. Our goal is to maintain a county road system that is safe and convenient for public travel and to manage the roadside environment, with a view toward preservation.

Commissioner Dickason moved, and it was seconded to approve the agenda as presented.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Dickason, Thompson, Davis

Commissioner Thompson moved, and it was seconded to approve the February 25, 2025 Board Meeting minutes as presented.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Dickason, Thompson, Davis

Commissioner Davis moved, and it was seconded to approve the payroll and vendor accounts as presented.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Dickason, Thompson, Davis

Commissioner Dickason moved, and it was seconded to approve Commissioner Davis expense report.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Dickason, Thompson, Davis

Mr. David Bradley of 1763 E. B Avenue praised the work done at B Avenue and Riverview Drive particularly regarding tree clearing. He inquired about stump removal. Road Maintenance Superintendent Oxx explained only the large stumps will be removed. He mentioned the need for a 4-way stop in that area. He expressed concern about 19th Street being closed for 23 months. He noted that the temporary dead ends, particularly on the north side, have become collection points for garbage, including chairs and mattresses. He stated while neighbors are trying to keep the area clean, it has become a "catch all" area.

County Commissioner John Gisler addressed ongoing parking challenges around the county building and the new Pratt Justice Center, noting that these issues will persist through at least the end of this year and likely well into the next. Additionally, Tim Raymond, who oversees the event center construction, provided an update on the project. He stated that while parking facilities will be built first, the overall construction process will take significant time, with the center expected to open in 2027. He emphasized that parking downtown will remain difficult for the foreseeable future.

Commissioner Stehouwer moved, and it was seconded to award the Pavement Line Striping & Specialty Pavement Marking bid #2025-04 to Michigan Pavement Marking LLC (MPM) and to M&M Pavement Marking Inc. with the option to extend for three (3) one (1) year extensions by the mutual agreement of both parties. Managing Director Bartholomew shared annual pavement marking of our road network is necessary to ensure the safety of the traveling public and reduce the potential for head-on and runoff crashes. Pavement marking enhancements and compliance requirements include safety and accident prevention, compliance with federal and state standards, traffic flow and driver guidance, increased wear on high-traffic roads and cost-effectiveness and long-term maintenance. This Pavement Line Striping & Specialty Pavement Marking bid includes both the material and application of center line and edge line paint, as well as legend and specialty markings, including arrows, crosswalks, and stop bars. RCKC's Pavement Marking Plan for 2025-2029 prioritizes projects based on traffic counts. Roads with more than 6,000 average daily traffic (ADT) are required to be repainted annually to maintain minimum retro-reflectivity standards. The plan also includes construction and chip seal projects that require new pavement marking after a new road surface has been applied. Michigan Pavement Marking LLC (MPM) was the low bidder when bids were opened. However, RCKC's contracted Pavement Marking Inspector, Traffic Tech Services LLC, raised concerns about MPM's templates not fully meeting RCKC specifications for legend templates. After discussions, MPM owner, Shannon Nielsen confirmed they did not have complying templates but could make them available by April 1st, 2025, for inspection. Due to the RCKC's concerns with MPM potentially not meeting our schedule and equipment requirements, we are recommending awarding the Pavement Line Striping and Specialty Pavement Marking bid to multiple vendors. Awarding to multiple vendors provides greater scheduling flexibility. This approach has been successfully implemented in other RCKC procurement processes, including dust control contracts. Staff intends to utilize MPM solely, as they are the low bidder. If scheduling or equipment requirements become a concern, RCKC would utilize M&M to assist with completing the work. RCKC staff consulted with MPM regarding RCKC awarding the bid to multiple vendors, in accordance with the Request for Proposal (RFP). Shannon Nielson, MPM's owner, was receptive to this approach, noting that other agencies follow similar practices. He also expressed confidence that MPM would meet all specifications and deadlines, minimizing the need to utilize another vendor. Commissioner Pawloski noted that finding striping companies has been challenging in the past and expressed his full support for awarding contracts to two (2) contractors. Furthermore, we have also run into scheduling issues. Managing Director Bartholomew added that only three (3) contractors in Michigan currently provide this service. In response, Commissioner Stehouwer inquired about the third contractor specializing in pavement marking, to which Managing Director Bartholomew identified PK Contracting.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Commissioner Thompson moved, and it was seconded to award the Roadside and Additional Width Mowing Services bid #2025-05 to Quick Mow Inc. for specification #1 and specification #2 mowing, low bidder meeting specifications for \$168,502.88 per year with the option to extend for three (3), one (1) year extensions by the mutual agreement of both parties. Managing Director Bartholomew shared RCKC is responsible for maintaining roadside vegetation to ensure safe visibility for the motoring public, particularly at intersections. Effective roadside mowing also ensures clear visibility of traffic control devices, contributing to overall traffic safety. Roadside Mowing Services Specification #1 mandates that all vegetation and brush be trimmed to a minimum of 6 feet from the edge of the shoulder and maintained at a maximum height of 4 inches. Additionally, intersection radii are to be cleared to a distance of 150 feet in all directions, ensuring a minimum width of 15 feet to maintain adequate sightlines. Roadside Mowing Services Specification #2 requires that all vegetation and brush up to 4 inches in diameter be cut back a minimum of 15 feet from the shoulder and reduced to a maximum height of 6 inches. Both mowing specifications require the work to be completed within 30 calendar days of receiving notice from RCKC to commence operations. RCKC is responsible for mowing a total of 961 miles of road out of 1,270 miles maintained, which is performed three times a year (or three mowing cycles) on designated primary and local roads. The county has been divided into three areas, and for each mowing cycle, ten townships will receive Specification #1 mowing, while five townships will receive Specification #2. By the end of the year, all townships will have received Specification #2. This specification is specifically designed to address more substantial vegetative growth that exceeds the scope of Specification #1. Quick Mow Inc. has committed to purchasing the necessary offset hitch to comply with our specifications. Based on our evaluation, RCKC is confident that Quick Mow Inc. is fully capable of fulfilling the terms and conditions outlined in

this contract and recommends awarding the contract to them. We had eight (8) downloads of the bid specifications and received two (2) bid proposals. Commissioner Stehouwer asked about the company used in previous years. Managing Director Bartholomew explained that while Frontline had been the contractor for several years, Jablonski from Allegan was used last year. Road Maintenance Superintendent Oxx added that Jablonski chose not to extend their bid, and Quick Mow Inc. emerged as the lowest bidder. He also noted that Frontline continues to work with the department and was responsible for the work on B Avenue in Cooper Township; however, their primary focus is tree contracting.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Commissioner Davis moved, and it was seconded to award the Culvert Materials – Corrugated Steel Pipe bid #2025-06 to Jensen Bridge and Supply Company, low bidder meeting specifications with the option to extend for (three), one (1) year extensions by the mutual agreement of both parties. Managing Director Bartholomew shared RCKC utilizes Corrugated Steel Pipe (CSP) as a conduit to convey storm water beneath roadways or driveways adjacent to roads. Culverts are essential for managing water flow in areas such as rivers, streams, county drainage ditches, and road ditches. Proper installation of culverts allows for the flow of “Waters of the State” and stormwater under roadways, helping to prevent flooding and saturation of the road base. Saturation of the road base compromises its structural integrity, reducing the road’s load-bearing capacity and lifespan. The CSP recommended for purchase will be added to RCKC’s inventory for use in primary and local road projects, including culvert replacements and routine maintenance for culvert failures. A public bid notice was distributed to contractors and construction/bidding entities, and the specifications were posted on RCKC’s website. A total of five (5) entities downloaded the bid documents, and two (2) proposals were received. RCKC has previously worked with Jensen Bridge & Supply Company on several occasions and values their expertise in product recommendations. Jensen Bridge & Supply has indicated that their normal delivery time is approximately one week. However, if the award is delayed, the delivery window may extend to 2-4 weeks. Due to rising steel prices, Jensen Bridge & Supply has stated that the bid pricing is valid only for 30 days following the bid opening date of February 25, 2025, with an expiration of March 27, 2025. After this date, the pricing will no longer be honored, and no additional purchases at the same rate will be possible. Staff will ensure that the purchase order is completed and ready for approval contingent on Board authorization. RCKC is confident that Jensen Bridge & Supply Company can meet the demands for culvert materials outlined in this bid. Commissioner Stehouwer inquired about the quantities. Managing Director Bartholomew explained that while most projects for the season have been identified, estimates include culverts, and some uncertainties remain, particularly for maintenance-related repairs. However, a regular inventory is maintained to address these needs throughout the year. Ideally, no additional culvert purchases will be necessary this year. Commissioner Pawloski asked whether it would be beneficial to order extra at the current pricing. Managing Director Bartholomew noted that it could be a strategic move to stay ahead of potential tariffs. Commissioner Davis added that prices are expected to rise for some time, making it wise to have additional stock on hand. General Superintendent DeYoung confirmed that inventory levels are managed with set minimums and maximums, and currently, they are well within the maximum limit.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Commissioner Thompson moved, and it was seconded to award bid #2025-07 to Seelye Ford for four (4) 2025, Ford F250 4X4 Super Duty, Crew Cab Trucks for a total price of \$263,352.00 including an extended warranty. Managing Director Bartholomew shared outlined in the Capital Outlay section of our 2025 budget and our Equipment Capital Improvement Plan (CIP) 5-year plan, is the purchase of four (4) pickup trucks (3/4 ton). RCKC utilizes multiple pickup trucks for our administrative, construction, and road maintenance operations throughout the year. Currently, we have 35 units including a van, SUVs, and pickup trucks within our fleet that service all our departments. Each year, vehicle manufacturers submit bids to the state of Michigan through the MiDeal Purchasing Program. RCKC frequently uses this purchasing option as a cost-savings for the procurement of equipment, services, and goods. We do, however, price-check government purchasing programs with current markets to ensure we are getting the best pricing and delivery times. During our price soliciting process, local automotive dealers indicated that they could provide better pricing than the MiDeal contract for automobiles. In response, staff contacted the MiDeal

dealership, Lunghamer Ford, to confirm current MiDeal pricing and ensuring our local dealership pricing was based on the same specifications. These pickup trucks will meet the various needs of our organization, as they serve different roles throughout their lifespan. The pickup trucks will begin as administrative vehicles for 3-4 years and then move into operations for service as support vehicles for the road maintenance team. These pickup trucks would replace the following fleet units. The expected delivery date from Seelye Ford is 12 weeks after a purchase order is issued. Seelye Ford is confident, they will be able to deliver within the estimated time of 12 weeks. RCKC will need to install Samsara GPS tracking units and our two-way radio system before placing the trucks in service. The new pickup trucks include a 72-month Ford premium care warranty. Commissioner Thompson shared that he supports buying local. Managing Director Bartholomew shared we are replacing four (4) vehicles and that there is some value to the vehicles we are replacing, and those dollars would go back into our general fund. They would go to public auction and we have had great success with public auction. Commissioner Stehouwer asked about the vehicles that will be included in the auction. Managing Director Bartholomew shared the four (4) vehicles include a 1997 GMC 3500 with 123,240 miles, a 2002 Ford F-350 with 148,670 miles, a 2015 GMC 2500 with 161,991 miles and a 2015 GMC 2500 with 120,278 miles. Commissioner Davis asked when the auctions are conducted and how are people notified of the auction. General Superintendent DeYoung shared there is a monthly municipal auction on the third Tuesday of each month through www.rangerbid.com.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Commissioner Dickason moved, and it was seconded to approve the revised Personnel Policy – Sick Leave to ensure compliance with the Michigan Earned Sick Leave Act (ESTA), effective February 21, 2025. Managing Director Bartholomew shared the Michigan Earned Sick Time Act (ESTA) was introduced in August 2024, with an effective date of February 21, 2025, requiring all Michigan employers to provide paid sick leave to their employees. In February 2025, the Michigan Legislature amended the Earned Sick Time Act (ESTA), transitioning from ESTA (1.0) to the current version, ESTA (2.0), which took effect on February 21, 2025. The legislative process was dynamic, with multiple changes until the bill was presented to Governor Whitmer on February 20, 2025. The Governor signed the bill into law at 12:02 a.m. on February 21, 2025. This law outlines the responsibilities of employers regarding earned sick time, including the definition of "family members," the conditions under which an employer can require documentation for the use of sick time, the actions an employer can take if an employee fails to adhere to notice and documentation requirements, and how employees should notify their employer when using earned sick time. RCKC's current Sick Leave Policy provides six (6) days of sick leave upon hire, with an additional six (6) days granted six (6) months later. Starting on the employee's first anniversary and every anniversary thereafter, employees will be allocated twelve (12) days of paid sick leave for use during the subsequent year. Our current Sick Leave Policy exceeds the minimum ESTA requirements for paid sick leave benefit time. The red-lined version of RCKC's Sick Leave Policy has been reviewed by our labor attorney to ensure compliance with the ESTA requirements. Please be advised that ESTA does not apply to any collective bargaining agreement (CBA) until the existing agreement expires. The current RCKC and Teamsters Local 214 CBA is in effect through 12/31/2025. Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Commissioner Davis moved, and it was seconded to approve the Alamo Township Local Road Contract for the Chair's signature. Managing Director Bartholomew noted that the contract includes three (3) contingency crack-fill projects. If there are remaining funds after completing the other projects, those additional projects will move forward. Commissioner Stehouwer asked if Alamo Township has a Road Committee or do we help them understand PASER ratings and how to prioritize. Public Relations Director Worden shared that Alamo Township had in the past a Road Committee back when they had a millage, but it has been disbanded. He attends their Board meeting annually to talk through Asset Management including the tools we use and how we prioritize projects which we did earlier this year with them.

- a. **E Avenue** – 1,270' east of Ravine Road to 2,850' east of Ravine Road; **Pulverize, Double Chip Seal, Fog Seal**
- b. **F Avenue** – Ravine Road to 12th Street; **HMA Overlay**
- c. **G Avenue** – Wolf Lake Drive to 2nd Street; **Crack Fill, Chip Seal, Fog Seal**
- d. **Stoney Woods Drive** – Ravine Road to 2,300' east of Ravine Road; **Crack Fill, Chip Seal, Fog Seal**

- e. **Owen Drive** – Ravine Road to B Avenue; **Crack Fill (Contingency Project)**
- f. **B Avenue** – Vankal Street to 2nd Street; **Crack Fill (Contingency Project)**
- g. **F Avenue** – 6th Street to 7th Street; **Crack Fill (Contingency Project)**

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Commissioner Thompson moved and it was seconded to approve the Comstock Township Local Road Contract for the Chair's signature. Managing Director Bartholomew shared we appreciate Comstock Township's participation in the local road program. Commissioner Pawloski thanked Comstock Township Superintendent Scott Hess for attending today's meeting.

- a. K Avenue – M-96 to 33rd Street; Crack Fill, HMA Wedging, Chip Seal, Fog Seal
- b. Interstate Parkway – Old Cork Street to 800' north of Old Cork Street; Crack Fill, Chip Seal, Fog Seal
- c. **Old Cork Street** – Midlink Drive to Park Circle Drive; **Crack Fill, Chip Seal, Fog Seal**
- d. **Comstock Avenue** – River Street to Conrad Street, **Abbey Street** – River Street to Metzger Street, **Francis Street** – River Street to Henry Street, **Wright Street** – Moline Street to Gateway Street, **Celery Street** – River Street to Roe Street, **Moline Street** – Celery Street to Comstock Avenue, **Conrad Street** – Celery Street to Comstock Avenue, **Metzger Street** – Celery Street to Abbey Street, **Henry Street** – Celery Street to Francis Street, **Gateway Street** – Celery Street to Wright Street; **Crack Fill, Chip Seal, Fog Seal**
- e. **Market Street** – River Street to Stalwart Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- f. **L Avenue** – River Street to 160' east of Stalwart Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- g. **Stalwart Street** – L Avenue to Market Street; **Crack Fill, Chip Seal, Fog Seal**
- h. **Country Meadows Drive** – 28th Street to 200' north of Silverton Avenue, **Duncan Avenue** – Country Meadows Drive to 28th Street, **Ringling Avenue** – Country Meadows Drive to 28th Street, **Wild Meadow Street** – Ringling Avenue to Kristin Avenue, **Prairie Hill Street** – Ringling Avenue to Duncan Avenue, **Flower Field Avenue** – Country Meadows Drive to Prairie Hill Street, **Natalie Street** – Wild Meadow Street to Cindy Street, **Cindy Street** – Natalie Street to Kristin Avenue, **Cade Avenue** – Cindy Street to 28th Street, **Little Red Avenue** – 172' west of Wild Meadow Street to Wild Meadow Street, **Silverton Avenue** – 165' west of Durango Street to Country Meadows Drive, **Durango Street** – Crestwood Avenue to Silverton Avenue; **Crack Fill, Chip Seal, Fog Seal**
- i. **Stegar Avenue** – Leigh Avenue to Fordham Avenue, **Leigh Avenue** – East Main Street to Fordham Avenue, **Fordham Avenue** – 260' west of Stegar Avenue to 699' east of Leigh Avenue; **HMA Base and Surface Paving**
- j. **Fawn Meadow Trail** – 30th Street to 750' east of Antler Street, **Spike Street** – 225' south of Fawn Meadow Trail to Fawn Meadow Trail, **Antler Street** – Fawn Meadow Trail to Buck Avenue, **Doe Avenue** – Antler Street to 600' east of Antler Street, **Roush Street** – 200' south of Buck Avenue to Buck Avenue, **Buck Avenue** – 30th Street to 66'; east of Antler Street; **HMA Overlay**
- k. **28th Street** – H Avenue to G Avenue; **Crack Fill, Chip Seal, Fog Seal**
- l. **H Avenue** – 26th Street to 28th Street; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- m. **Winterburn Street** – 850' south of M-96 to M-96, **Ocum Street** – Gleason Street to M-96, **Blalock Street** – Gleason Street to M-96, **Gleason Street** – Ocum Street to 572' east of Blalock Street; **Crack Fill, Chip Seal, Fog Seal**
- n. **M Avenue** – 33rd Street to 35th Street; **HMA Wedging**

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Commissioner Stehouwer moved, and it was seconded to approve the Oshtemo Township Local Road Contract for the Chair's signature. Managing Director Bartholomew shared in Oshtemo it is very difficult to find projects particularly because there is a lot of sewer work in the near future. We are trying not to pave roads that will be torn up in the next five (5) years. There are a lot of roads that need to be paved within the Township in residential areas. Oshtemo Township Public Work Director Anna Horner shared that she appreciates the RCKC team being patient and always willing to adjust and maximize the dollars they spend.

- a. **Penny Lane** – 715' west of 9th Street to 9th Street; **Chip Seal Trial**
- b. **1st Street** – 422' north of Stadium Drive to M Avenue; **Crack Fill, Chip Seal, Fog Seal**
- c. **KL Avenue** – 2nd Street to 4th Street; **Crack Fill, Chip Seal, Fog Seal**
- d. **Cross Country Drive** – 7th Street to 433' north of Oak Highlands Drive, **Steeplechase Court** – Cross Country Drive to 700' east of Cross Country Drive, **Windcrest Court** – Cross Country Drive to 282' east of Cross Country Drive, **West Foxmoor Court** – Cross Country Drive to 364' west of Cross Country Drive, **East Foxmoor Court** – Cross Country Drive to 366' east of Cross Country Drive, **Farmwood Court** – Cross Country Drive to 193' west of Cross Country Drive, **Arbor Valley Drive** – Cross Country Drive to 646' east of Cross Country Drive, **Hawthorn Valley Drive** – 164' west of Cross Country Drive to 336' east of Cross Country Drive, **Oak Highlands Drive** – 380' west of Cross Country Drive to 9th Street; **Crack Fill, Chip Seal, Fog Seal**
- e. **Darlington Trail** – Tillingsdale Drive to Oshtemo Ridge Trail, **Tillingsdale Drive** – Coddington Lane to Ellington Drive, **Ellington Drive** – Coddington Lane to Oshtemo Ridge Trail, **Oshtemo Ridge Trail** – Coddington Lane to Darlington Trail; **Crack Fill, Chip Seal, Fog Seal**
- f. **Baton Rouge Street** – Belle Chase Boulevard to 8th Street, **Charles Street** – 600' west of Belle Chase Boulevard to 8th Street, **Cajun Drive** – 175' west of Belle Chase Boulevard to Belle Chase Boulevard, **Belle Chase Boulevard** – 206' south of Saint Charles Street to Baton Rouge Street, **Bayou Vista Street** – Saint Charles Street to Baton Rouge Street; **Chip Seal Fog Seal**
- g. **2nd Street** – L Avenue to KL Avenue; **Chip Seal, Fog Seal**
- h. **7th Street** – West Main Street to 5,280' north of West Main Street; **Crack Fill, Chip Seal, Fog Seal**
- i. **Plainview Street** – 960' south of Stadium Drive to Stadium Drive; **Crack Fill, Chip Seal, Fog Seal**
- j. **Vienna Street** – Parkview Avenue to 790' north of Parkview Avenue; **Crack Fill, Chip Seal, Fog Seal**
- k. **Lisa Drive** – Rosemary Lane to 200; north of Rosemary Lane, **Rosemary Lane** – 503'; west of Josiane Drive to 2nd Street; **Josiane Drive** – 1,170' south of Rosemary Lane to Rosemary Lane; **Crack Fill, Chip Seal, Fog Seal**
- l. **Chadds Ford Way** – 985' south of West Main Street to West Main Street; **Crack Fill, Chip Seal, Fog Seal**
- m. **Valley Industrial Drive** – 9th Street to 630' east of 9th Street; **Crack Fill, Chip Seal, Fog Seal**
- n. **Wolf Drive** – Vankal Street to G Avenue; **Crack Fill, HMA Wedging, Chip Seal, Fog Seal**
- o. **ML Avenue** – 4th Street to 8th Street; **Crack Fill, Chip Seal, Fog Seal**
- p. **H Avenue** – Vankal Street to 3rd Street; **Crack Fill, Chip Seal, Fog Seal**
- q. **5th Street** – 2,230' south of Stadium Drive to Stadium Drive, **Gibbs Street** – 5th Street to O'Park Street, **O'Park Street** – 2,020' south of Stadium Drive to Stadium Drive, **Frie Avenue** – O'Park Street to 6th Street; **HMA Ultra-thin Overlay**

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Commissioner Thompson moved, and it was seconded to approve the Richland Township Local Road Contract for the Chair's signature. Managing Director Bartholomew shared this is Richland Township's second local road contract for 2025. They had dollars available, and we had additional projects available and chose the first one on the list for Richland Township. Commissioner Stehouwer asked when will projects start. Managing Director Bartholomew answered next week.

- a. **31st Street** – G Avenue to EF Avenue; **Crack Fill, Chip Seal, Fog Seal**

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

Managing Director Bartholomew provided several key updates. He stated seasonal weight and speed restrictions are now in effect as visual signs of thawing appear, and staff will continue monitoring conditions. Crews have begun grading gravel roads and will be working from sunrise to sunset, including this weekend, weather permitting. The Q Avenue reconstruction project from 29th Street to 34th Street is a priority, with bids coming in 28% under budget, allowing potential cost savings to be redirected toward urgent repairs on the Sprinkle Road Bridge over the Kalamazoo River. An informational meeting regarding a potential special assessment for Indian Run Golf Club Estates will be held at the Road Commission on March 12 at 6:00 p.m., followed by a Safe Streets and

Roads for All (SS4A) informational meeting on March 13 at 5:30 p.m. via Zoom and Facebook. The Road Commission received a 2025 Merit Award from the American Council of Engineering Companies of Michigan for the *Road to Zero Action Plan*, which served as the foundation for the SS4A grant, with congratulations extended to the RCKC and Hubbell, Roth & Clark, Inc. for their efforts. Financial auditors are finalizing their regular audit along with a *single audit* for the Davis-Olmstead culvert replacement in Kalamazoo Township, a federally funded project that required direct funding from the Federal Highway Administration rather than MDOT, triggering an additional audit—an important first-time experience for the Road Commission as they prepare for future federally funded projects, including SS4A. He shared upcoming key dates including a Commissioners Road Tour on March 21 at 9:00 a.m., a Board meeting on March 25th, the County Road Association (CRA) Highway Conference from March 25-27, and dinner in Lansing the evening of March 25th with one of our vendors.

Commissioner Davis brought attention to legislative activity in the Transportation Subcommittee, specifically discussing Bill 4183 (HR 4183) which proposed to increase the sales tax on gasoline. He warned this could seriously affect our funding in coming years. The proposed increase could be up to .51 cents per gallon. He noted the bill is tie-barred to other bills that are also passing through the committee such as aviation fuel, corporate income tax, and business tax that should be uncontroversial. The most controversial bill is going to be the sales tax itself. He suggested while in Lansing, the RCKC should have a proposal or a unified presentation about our position on this increase and how it would affect development in the state and our ability to catch up on road maintenance.

Commissioner Thompson reported that the Board of Public Works (BPW) has not met recently. Last week, he attended the Ross Township Board meeting, where a service request was submitted for grading on 43rd Street. Another resident raised the same concern, and he advised them to submit a second service request. At the Cooper Township Board meeting last evening, discussions focused on concerns regarding 19th Street, as well as a request for a four-way stop at B Avenue and Riverview Drive. He described the meeting as very positive and expressed his appreciation to Mr. Bradley for attending today's meeting.

Commissioner Dickason shared that she will be attending the CRA Highway Conference and plans to attend the Commissioners Road Tour on March 21st.

Commissioner Stehouwer reported that the County Parks Department met last week and is currently working on the Expo Center Master Plan. They also approved grants through endowment funds for trailways and parks, with kayak rentals soon to be available at Woollham Park. He attended the West Michigan Trail and Greenway Association meeting, where he learned that some trailway communities are utilizing the Pavement Surface and Evaluation Rating (PASER) system, along with another MDOT evaluation method, to assess trail conditions. He noted potential maintenance needs on the Kalamazoo River Valley Trail (KRVT). He emphasized the importance of keeping 19th Street on the Commission's radar and looks forward to a future resolution. He also raised concerns about the high number of temporary reset signs in his area and a school sign on Nichols Road that has been down for several months, stressing the importance of the service request system for reporting road-related issues, including signage. He highlighted the upcoming retirement of Road Maintenance Operator Rick McClish in mid-April after 33 years of public service. He also welcomed a new staff member to the Road Commission and recognized various employee anniversaries ranging from 2 to 29 years, expressing gratitude for their dedication. Lastly, he emphasized the need to recruit and develop young talent to replace retiring staff and carry on their legacy of service.

Commissioner Pawloski expressed his appreciation for the staff's public service and agreed with Commissioner Stehouwer on the need for younger generations to step up and establish a new tradition of public service. He shared that his breakfast meeting with County Vice Chairs Jeff Heppler and John Taylor went well, noting that Vice Chair Heppler expressed concerns about G Avenue and M-96. He is pleased to see the Road Commission taking the lead in working with MDOT to explore potential solutions. Commissioner Pawloski also watched a Kalamazoo County meeting where a resident voiced complaints about MDOT, emphasizing that the best course of action for such concerns is to contact state-elected officials directly. At the Kalamazoo Township Board meeting last evening, he addressed seasonal weight restrictions and mentioned that the Road Commission is actively hiring. He also attended the Environmental Health Advisory Council (EHAC) meeting, where the Health Department presented

on battery-related issues. He congratulated Cooper Township Supervisor Jeff Sorensen on his re-election as the EHAC Board Chair, recognizing him as a strong leader. Addressing Commissioner Davis, he explained that at the last Board meeting, there were only two candidates running for two open positions, which is why bios were not provided. Typically, bios are shared when multiple candidates compete for a single spot. He acknowledged the challenges of repairing 19th Street in Cooper Township, noting that it will require significant funding to build an entirely new road. He hopes to secure grant funding, as township-level resources alone may not be sufficient to cover the costs. He also received a call from auditors informing him they would be onsite. He shared the Commission's strong financial history, crediting previous Boards and staff for maintaining financial stability, and expressed eagerness for the audit report. Additionally, he noted a possible shift in public perception regarding roundabouts, as a Kalamazoo Township resident recently requested one at the four-way stop at Ravine Road and Nichols Road—an idea he supports. Lastly, he confirmed that he will not be attending the March 21st road tour.

Commissioner Stehouwer shared in regard to state legislation he was pleased to see CRA was able to testify regarding how to fund road bills. The information was included in our Friday Newsletter from the CRA.

Commissioner Pawloski noted that Michigan is one of the few states where sales tax on gasoline does not directly fund road maintenance. He emphasized that efforts to secure those funds have been ongoing for years, if not decades.

Commissioner Dickason moved, and it was seconded to adjourn.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Thompson, Davis, Dickason

The meeting was adjourned at 3:55 p.m.

Attest: Meredith Place, County Clerk

By _____, Chair _____, Deputy Clerk



**Summary Report of Cash Receipts and Disbursements
For the March 25, 2025 Board Meeting**

Current Activity

Available funds from previous report	10,971,632.81
Receipts and interest for the current period	100,643.34
Payroll disbursements to be approved today	(197,766.84)
Payables disbursements to be approved today	(351,338.54)
Available funds as of March 25, 2025	<u>10,523,170.77</u>

Summary Disbursements

	<u>From</u>	<u>To</u>	
Payroll - pay period ending March 19, 2025			
Checks	86902	86908	60,918.93
Void Checks			0.00
Direct Deposit	21701	21757	136,847.91
Total Payroll to be approved today			<u>197,766.84</u>
Payables			
Vendor Checks	110653	110676	134,372.90
Voided Checks	110640		(20,000.00)
Vendor Electronic Funds Transfer	302625	302658	226,842.39
Health Reimbursement Checks	216813	216840	10,123.25
Total Payables to be approved today			<u>351,338.54</u>

Available Funds

Checking with Interest Account	3,210,990.89
Michigan CLASS Investments	7,312,179.88
Total Funds Available	<u>10,523,170.77</u>

Kim Bodnar
Finance Director

Travis Bartholomew
Managing Director

David C. Pawloski
Board Chair

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Travis Bartholomew, Managing Director

From: Ryan Minkus, PE, PTOE, County Engineer

Date: March 25, 2025

Re: Local Bridge Program Funding Application Resolutions -- Project Selection

Recommended Road Commission of Kalamazoo County (RCKC) Action

We request the Board approve the local bridge program funding resolutions through the Michigan Department of Transportation (MDOT) for the Local Bridge Program Call for Applications for Fiscal Year 2028.

Background

For Fiscal Year 2028, the [Local Bridge Program](#) statewide budget is estimated at \$50 million but may be subject to revisions. Applications compete with others in a region, and historically, statewide submissions total more than 300 with funding requests in excess of \$500 million.

The term “Local” when considering MDOT’s call for applications means any other Act 51 transportation agency other than themselves, and all 62 of RCKC primary and local road bridges are eligible for this program. We do have one bridge in our inventory, Amtrak over Stadium Drive, yet it is not the responsibility of the RCKC. The Federal Railroad Administration (FRA) released [Bridge Safety Standards](#) on July 15, 2010. The rules found in [49 CFR Parts 213 and 237, Bridge Safety Standards](#), require all Railroad owners to inspect their bridges annually. This structure only shows in our inventory as we are to assess it from our ROW and submit any concerns to the RR. This assessment is in addition to the RR’s own required inspections.

To be considered a bridge, a structure must have a total span length of more than 20 feet measured along the centerline of the roadway over a stream, watercourse, or opening. For a span bridge, the clear opening span is measured from face to face at the inside of the abutments. A multi-unit culvert is measured along the centerline of the roadway, with the distance between the culvert units is less than half the diameter of the smallest unit.

The preventive maintenance, structure rehabilitation and replacement, and approach construction costs may be eligible for a maximum of 95 percent participation from federal and state funds. The right-of-way, design, and construction engineering costs do not qualify for these funds. Those costs are the responsibility of the RCKC and when on a local road, the participating Township. Overall, our network has bridges on local roads that are in more need of work than their primary road counterparts. For a local bridge project to move forward, the Township would need to commit to funding 50% of the local costs for the project. All bridge projects are expensive, and local road bridge projects challenge township budgets, which historically only occur under emergency situations. We are working to assess the inventory of local road structures for consideration in the 5-year local road plans to allow earlier engagement with the townships about these vital assets. RCKC staff proposes the following bridges for submittal to the Local Bridge Program for funding in 2028.

- Mosel Avenue Structure #4631 over the Kalamazoo River, Kalamazoo Township, primary road (Built 1980) – Rehabilitation
- Y Avenue Structure #4621 over the Portage River, Brady Township, local road (Built 1976) – Preventive Maintenance

The bridges noted above are selected based on their condition, review of upcoming road projects, and review of the inspection reports entered into the Michigan Bridge Inspection System database. MDOT allows each eligible agency to submit up to four (4) applications for funding consideration. Multiple preventive maintenance projects can be bundled as one application, as this type of work typically costs considerably less than rehabilitation and reconstruction projects, and grouping structures provides for better bidding because of increased quantities. These types of projects also build on the principles of asset management. Projects previously submitted and not selected are still eligible for funding consideration in this cycle. The RCKC has previously submitted the Mosel Avenue and Y Avenue for consideration through this program. Applications are reviewed and rated by MDOT, with final project selections made by the Region Local Bridge Committee.

We will adjust the RCKC Primary Road Capital Improvement Plan (CIP) for 2025 - 2029 if a bridge(s) is selected. RCKC costs are for design engineering, construction engineering, and local construction share. Local road projects require township participation, which we will build into 5-year local road plans.

We have previously submitted for Local Bridge Program funding and have successfully received funding in past years. In 2016, we had one bridge rehabilitation and three bridge preventive maintenance projects funded. We also had one preventive maintenance bridge project funded in 2017 and four bridge preventive maintenance projects funded in 2020. In 2023, saw the rehabilitation of the N. Sprinkle Road bridge over Spring Brook. And for the 2027 program, our two closed local road bridges on TS Avenue and 40th Street were awarded funding for removal as part of the Local Bridge Program.

Our commitment to bridge preservation is evident in [our updated asset management plan for bridges](#) in 2023. This plan, developed in compliance with the [Public Act \(PA\) 325 of 2018](#) Transportation Asset Management Plan (TAMP), is a strategic tool for managing our bridge inventory and developing an optimum bridge preservation strategy. It also guides our yearly maintenance activities and identifies potential bridge projects for future Local Bridge Program funding applications. We are dedicated to creating a plan that details specific bridges and their necessary treatments over the next five years.

Alternatives

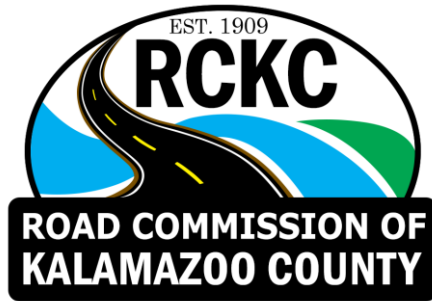
The Board may seek to apply for other structures for submittal. However, they must meet the program's criteria and be funded as necessary by the RCKC.

Budgetary Impact

The RCKC plays a crucial role in the project, as we will be responsible for developing the project design for submission to MDOT and funding construction engineering if any of the bridges are selected. This means that the 2026 and 2027 budgets will need to account for the design costs, and the 2028 budget will have to include the required five percent match for construction costs, should they be selected. If selected, the CIP would be adjusted accordingly. We may also explore other funding sources, such as the Federal Surface Transportation Program (STP), Michigan Transportation Fund (MTF), and local revenue for bridge structures.

Summary

We recommend the Board approve the local bridge program funding resolutions for the Fiscal Year 2028 Local Bridge Program applications for the Chair's signature.



RESOLUTION

Supporting Application for Local Bridge Program Funds For Mosel Avenue Bridge Preventive Maintenance

WHEREAS, the Mosel Avenue bridge over the Kalamazoo River in Kalamazoo Township, Kalamazoo County, Michigan, was constructed in 1980 as a prestressed concrete structure and due to its age is beginning to show signs of deterioration; and

WHEREAS, the current deterioration places a risk on the longevity of the bridge, the service it provides and its value as an important transportation system asset; and

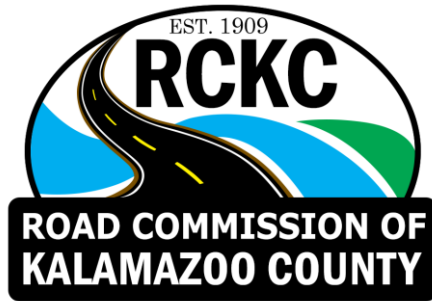
WHEREAS, Road Commission staff has prepared an application for Local Bridge Program Funds to rehabilitate this structure; and

WHEREAS, this Board has considered the application for Local Bridge Program Funds and authorizes the submission of the application for Local Bridge Program Funds for 2028.

NOW, THEREFORE, BE IT RESOLVED that the Board of County Road Commissioners of the County of Kalamazoo does request affirmative consideration of our application for Local Bridge Program Funds and agrees to provide the necessary local funds for this project and to continue to maintain this structure.

**BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO, MICHIGAN**

By _____ Dated: March 25, 2025
David Pawloski, Chair



RESOLUTION

Supporting Application for Local Bridge Program Funds For Y Avenue Bridge

Preventive Maintenance

WHEREAS, the Y Avenue bridge over the Portage Creek in Brady Township, Kalamazoo County, Michigan, was constructed in 1972 as a prestressed concrete box beam structure with a hot mix asphalt slab overlay and due to its age is beginning to show signs of deterioration; and

WHEREAS, the current deterioration places a risk on the longevity of the bridge, the service it provides and its value as an important transportation system asset; and

WHEREAS, the investment in preventive maintenance will improve the condition of the bridge deck and bridge beams, avoiding more costly repairs in the future; and

WHEREAS, this Board has considered the application for Local Bridge Program Funds and authorizes the submission of the application for Local Bridge Program Funds for 2028.

NOW, THEREFORE, BE IT RESOLVED that the Board of County Road Commissioners of the County of Kalamazoo does request affirmative consideration of our application for Local Bridge Program Funds and agrees to provide the necessary local funds for this project and to continue to maintain this structure.

**BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO, MICHIGAN**

By _____ Dated: March 25, 2025
David Pawloski, Chair

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Travis D Bartholomew, Managing Director

From: Joe Peck, Road Maintenance Superintendent

Cc: Bill DeYoung, General Superintendent

Date: March 25, 2025

Re: Cab and Chassis, Heavy Duty, Class 8, Truck Purchase

Recommended Road Commission of Kalamazoo County (RCKC) Action

We recommend the Board approve the purchase of two (2) Cab and Chassis, Heavy Duty Class 8 trucks from West Michigan International through the Sourcewell purchasing program for a total cost of \$300,630.86.

Background

Outlined in the 2025 Capital Outlay Budget and our 5-Year Equipment Capital Improvement Plan is the purchase of four (4) 64,000-pound Cab and Chassis trucks. These trucks will service our operations as snowplow trucks for winter maintenance and also as live bottom trucks or semi-tractors during the construction season to haul equipment and materials to and from various job sites and routine maintenance activities.

This cab and chassis purchase does not include the additional equipment and accessories necessary to place these units in service. RCKC typically purchases new dump box and/or V-box bodies, underbody scrapers, wing plows, spreaders, and hydraulic system/controls including custom installation as part of a separate "Truck Components Purchase". Truck dealerships are not interested in including our custom modifications to build a snowplow truck with the cab/chassis purchase.

At this time, we are requesting the Board approval to purchase two (2) of the four (4) budgeted Cab and Chassis units, which would be custom-built as semi-tractor/snowplow trucks.

Currently, RCKC is evaluating the feasibility of building two (2) modified Class 8 trucks. These trucks would include increased load capacity and horizontal unload capability verse the conventional dump body. The trucks would significantly increase hauling efficiency and enhance our chip seal operation while minimizing the risk of truck damage due to overhead tree limbs along with overhead utility line interference caused by raised dump boxes. These trucks would also function effectively in our winter maintenance operations, on our level #1 primary road snow routes. The RCKC team continues to research this modified truck configuration and will be returning to the Board soon with a subsequent purchase request for the remaining two (2) cab/chassis.

The semi-tractor units we are recommending to purchase would be custom built to perform a range of operational activities, including winter maintenance, chip seal, emergency storm operations, routine maintenance activities, and hauling equipment and material to and from job sites.

These units will replace older plow trucks that have exceeded their useful life and are increasingly unreliable. Before delivery, RCKC will assess and determine which existing units will be decommissioned and sold at a public auction. The decision will take into account factors such as engine hours, unit age, net gain/loss, and repair history.

Currently, the RCKC fleet includes the following trucks capable of winter maintenance operations:

- 9 Mack plow trucks, ranging from 1999 to 2007.
- 14 International plow trucks, ranging from 2012 to 2024.
- 12 Peterbilt plow trucks, ranging from 2016 to 2020.

The average age of the fleet is 7.8 years, with approximately one-third of the trucks over 14 years old. The oldest plow truck in our fleet is 26 years old. To maintain a reliable and fiscally responsible fleet, RCKC's goal is to maintain a 15-year replacement cycle. The current 5-year capital improvement plan includes the purchase four (4) Cab and Chassis trucks every other year, with truck components procured the following fiscal year to ensure readiness for the upcoming winter season.

RCKC staff contacted several vendors to solicit governmental purchasing program quotes through MiDeal or Sourcwell. Staff inquired with West Michigan International, if the Sourcwell pricing was the best pricing, and if we put out a public bid, would the price be higher? They told us that the Sourcwell pricing was in fact the lowest available price. The results (per unit) are as follows:

- Western Star (D&K Truck) - \$171,921
- Peterbilt (JX Peterbilt) - \$173,269.36
- International (West Michigan International) - \$150,315.43
- Mack (M&K Truck) - No response
- Freightliner (Freightliner of Grand Rapids) - No response

West Michigan International's bid included an International, model HV615, Class 8, Tractor Tandem Axle Drive Cab/Chassis. Key features include:

- International S13 diesel engine rated at 515 horsepower and 1850 lb-ft of torque
- Integrated engine braking system
- International T14 shift, 14-speed automated manual transmission
- ½ inch thick frame rails
- Disc brakes on all axles
- Premium customizable gauge cluster
- 60-month/200,000-mile engine and aftertreatment warranty

RCKC staff has positively evaluated the International HV615 truck and verified the cab/chassis meets our current drivetrain, frame, and suspension specifications. International also claims the units offers advantages in construction quality, cooling system efficiency, performance, serviceability, and resale value.

Currently, RCKC has eight (8) International HV613 trucks (the predecessor of the HV615), and the performance of our current trucks has been highly satisfactory.

The estimated delivery of the two (2) cab/chassis from West Michigan International is November 2025.

Alternatives

An alternative would be to delay the purchase until 2026. However, this would likely result in delayed unit delivery and increased costs.

Budget

The 2025 Capital Outlay Budget includes \$620,000 for the purchase of four (4) Cab and Chassis Trucks (64,000#). The purchase of these two trucks is \$300,630.86, which will leave \$319,369.14 remaining for the two remaining (2) cab/chassis purchase yet this year.

Summary

We recommend the Board approve the purchase of two (2) Cab and Chassis, Heavy Duty Class 8 trucks from West Michigan International through the Sourcewell purchasing program for a total cost of \$300,630.86.

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Travis D. Bartholomew, Managing Director

CC: Bill DeYoung, General Superintendent
Rusty McClain, Assistant General Superintendent

From: Joe Peck, Road Maintenance Superintendent
Tony Allen, Road Maintenance Superintendent

Date: March 25, 2025

Re: 2026 Truck Components Purchase

Recommended Road Commission of Kalamazoo County (RCKC) Action

We request the Board approve the 2026 Truck Components Purchase including: two (2) complete hydraulic and electrical systems, two (2) 14' stainless steel dual auger V-boxes, two (2) underbody scrapers, two (2) cross auger sander/spinner assemblies, two (2) 9' right hand wing plows, two (2) 34" Husting type front plow hitches, including applicable warranties from Truck & Trailer Specialties, Inc. through the MiDeal purchasing program for a total of \$332,758.

Background

Outlined in our Capital Outlay section of our proposed 2026 Budget is the purchase of right-hand wing plows, hydraulic systems, controls, and other components for a cost of \$625,000. This purchase is necessary to complete the build of four (4) new Class 8 Heavy Duty Cab/Chassis, allowing them to be placed in service in 2026.

We continue to experience delays and lack of availability of parts, equipment and materials related to truck components. Currently the expected lead time of the various truck components is 16-18 months from the time of order. To maintain our current build schedule, the RCKC Team is requesting the Board approve the 2026 Truck Components Purchase now to minimize potential delays that would hinder placing our two (2) new trucks in service in 2026. This truck components purchase request is prior to our approved 2026 budget. RCKC expects to take delivery of two (2) completely built tandem-axle semi-tractors in September 2026 if the Board approves this purchase.

Item A on our Agenda at our March 25, 2025, Board meeting, is the Request Approval of the Cab and Chassis Truck Purchase. If the Board approves this purchase, the 2026 Truck Components Purchase will be necessary to complete the build of these plow trucks for service in late 2026.

The RCKC team is recommending our two (2) new Class 8, Heavy Duty Cab/Chassis to be custom built as tandem axle, semi-trucks units with winter maintenance capabilities. These trucks would be purchased as semi-tractors and converted to snowplow trucks for winter operations. The trucks would be equipped with a removable frame mounted V-box sander, underbody scraper, wing plow, and front plow hitch during the winter season. Our two (2) new Class8, Heavy Duty, Cab/Chassis, once custom built, with the additional equipment included in this truck components purchase, will be utilized in our daily operations for winter maintenance, chip seal operations, emergency storm cleanup, hauling equipment and material, and other applicable routine maintenance activities.

We continue to include wing plow attachments with the two (2) new trucks. Our experience with the wing plow attachment the last fourteen (14) winter seasons has been positive with drivers and has improved the efficiency of our winter maintenance operations considerably. The wing plows we are recommending to purchase are 9' rear mount, side wings. These units add an additional 6' of coverage when utilized, totaling 16' per pass when used in combination with the underbody scraper. This additional width eliminates the need for a second plow pass on roads with paved shoulders. We also use wing plows on multilane roads in tandem with a second and occasionally a third plow truck.

The truck components purchase also includes Bosch Rexroth, CS660 programmable rate controllers. The CS660 controls the functions with liquid and dry deicing material systems and can control up to 3 different materials simultaneously. The rate controller is also capable of calculating material usage, generating trip summary reports, GPS interface to document function changes and material application rates/types. The system is programmed to compensate applications rates when multiple materials are applied simultaneously or with pavement temperature changes by automatically adjusting application rates. The primary advantages to the CS660 controller are increased function capabilities, touch screen operation, and simplified data transfer.

Staff is also researching and collecting quotes for the other two (2) cab/chassis and components to be built as 5 axle units, including a live-bottom box, 12' wing plows, 6-way front plows. These units will make our chip seal operations more efficient in platted areas, minimizing the risk of damage to overhead lines caused by raised dump boxes, and will be placed on our Level 1 snow routes in the winter. Two (2) more bid memos will be forthcoming for the purchase of the remaining cab/chassis and the components necessary to build them.

The new tandem-axle semi-tractors will be utilized in our road maintenance department and will replace the following trucks:

- 2000 Mack Tractor unit 16,010 hours and 614,875 miles
- 2007 Mack CV713 Granite with 9,238 hours and 167,792 miles

Our current fleet includes: twenty-one (21) tandem-axle dump trucks, seven (7) tri-axle dump trucks, five (5) single axle dump trucks, two (2) semi tractors equipped for winter operations, and one (1) semi tractor unit.

Currently all 35 of our plow trucks have the Bosch Rexroth compatible hydraulic systems and rate controllers installed by the same vendor for overall consistency, which also assists with parts inventory/availability, staff diagnostic and global positioning system (GPS) tracking capabilities.

This 2026 Truck Components purchase includes all the necessary equipment/controls to complete our two (2) 2025 truck purchase and place the units in service. We strive to ensure the vendor installing the equipment meets our expectations for updated technology, longevity, and performance. Truck and Trailer Specialties, Inc. meets our truck components specifications for the purchase and installation of the equipment with 30+ years' experience building RCKC trucks.

Truck & Trailer Specialties Inc. pricing includes a 1-year warranty on all the equipment and components, and they have proposed a 16-18 months timeline to deliver two completed units. Our goal is to have these units in service by the fourth quarter of 2026.

Alternatives

1. Consider alternate options from other manufacturers and custom builders. Our experience in recent truck component bids, reflects two to three bidders with the alternate bidders submitting numerous variances in equipment types.
2. Further review the option of utilizing other recent public agency bids. Typically, road commission bids show a considerable variance in equipment types, including the utilization of used components from previous trucks and additional equipment not required of our specifications.

3. Advertise a public bid with our specifications for truck components. There are few concerns with this approach.
 - The length of time it takes to go through the bidding process, would delay the build of the trucks and they may not be completed in 2026.
 - All our current truck components and equipment is manufactured by Monroe and Bosch Rexroth. If low bidder is a different brand, it would mean increasing our parts inventory, which we have been working on reducing. Utilizing alternate equipment also requires additional training for our operators as well as additional training for mechanics on diagnostics and maintenance of the new equipment.
 - Other vendors may not be capable of installing our current equipment on the new trucks as they are brand specific.

Budget

Outline in our proposed 2026 budget is a line item for the purchase of four (4) underbody scrapers, right-hand wing plows, hydraulic systems, controls, and components for new trucks in 2026. Due to long lead times staff is recommending the authorization to order the equipment for two (2) of our new cab/chassis in 2025 to be received and paid for in 2026 to place two (2) of our 2025 International trucks in service for a total of \$332,758 in 2026.

The MiDeal price through Truck & Trailer Specialties, Inc. including underbody scrapers, right-hand wing plows, hydraulic systems, controls, and components to place our two (2) 2025 International trucks in service is \$332,758.

Summary

We recommend the Board approve the 2026 Truck Components Purchase including: two (2) complete hydraulic and electrical systems, two (2) 14' stainless steel dual auger V-boxes, two (2) underbody scrapers, two (2) cross auger sander/spinner assemblies, two (2) 9' right hand wing plows, two (2) 34" Husting type front plow hitches, including applicable warranties from Truck & Trailer Specialties, Inc. through the MiDeal purchasing program for a total of \$332,758.

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Travis D. Bartholomew, Managing Director

CC: Bill DeYoung, General Superintendent,
Rusty McClain, Assistant General Superintendent

From: Jacob Kape, Project Superintendent

Date: March 25, 2025

Re: Pulverizing and Rotomilling Services Award Bid #2025-08

Recommended Road Commission of Kalamazoo County (RCKC) Action

We request the Board award the Pulverizing and Rotomilling Services Bid #2025-08 to J.L. Milling Inc., Michigan Paving & Materials Co, and Lakeland Asphalt Corporation with the option to extend for three (3) one (1) year extensions by the mutual agreement of both parties.

Background

Pulverizing and rotomilling, also referred to as cold milling, are essential processes in road construction and maintenance, providing efficient methods of pavement recycling, pavement removal, and substrate preparation. These techniques support high-quality road reconstruction and rehabilitation projects and are essential to improving road stability and ride quality.

Pulverizing roads is the most cost-effective means of reconstructing an existing hot mix asphalt (HMA) road. The pulverizing process is best described as grinding an existing HMA road surface into small pieces known as recycled asphalt pavement or RAP. The ground up HMA also known as RAP remains on site and is recycled as aggregate base underneath a new HMA surface. A pulverizer utilizes a large rotating steel drum with hardened teeth to grind the existing HMA road surface into small pieces. The pulverizer is also capable of mixing the RAP with the underlying gravel base creating an ideal subgrade to support a new HMA surface. Often the recycled HMA is mixed with native gravel typically 22A or 21AA to achieve the required aggregate base design requirements of a project. The pulverizer also is capable of injecting calcium chloride (CaCl) into the pulverizer's grinding drum. Incorporating CaCl into the recycled material enhances the compaction ability of the gravel base.

Key benefits of pulverizing include:

- **Recycling Efficiency:** Enables reuse of reclaimed RAP, reducing disposal fees and project costs.
- **Energy Efficiency:** Reduces fuel consumption compared to traditional rubblization methods.
- **Environmental Sustainability:** Minimizes waste by incorporating recycled materials into new road construction.

Cold milling also known as rotomilling, is the process of removing existing HMA to a specified depth using a large rotating steel drum with hardened teeth. The equipment used for cold milling is similar to pulverizing except the drum on a mill turns the opposite direction of a pulverizer, creating a consistent milled surface at a determined elevation. The machine used for cold milling also has a conveyor system to load the ground up HMA or RAP into trucks. The cold milling process produces a uniform surface necessary for HMA paving. Cold milling prior to HMA paving is necessary when the existing road surface is severely deteriorated and potholed. Cold milling is also utilized with HMA projects when it is necessary to construct the new HMA surface at the original grade to match existing curb and driveway elevations. Key benefits to cold milling include:

- **Recycling Opportunities:** Milled RAP can be incorporated in new HMA mixes and reused for new pavement construction or maintenance, offering significant cost savings.
- **Minimizing Waste:** Recycling reduces hauling and disposal costs.
- **Operational Efficiency:** Rapid processing and minimal disruption lower project downtime and associated costs.
- **Quality Control:** Ensures precise depth and uniformity for optimal road performance and ride quality.

Pulverizing and cold milling techniques allow RCKC to reduce material procurement costs through recycling, which also lowers energy and fuel consumption during road construction, decreases waste disposal expenses and enhances project efficiency with minimized road closures.

RCKC has identified five (5) projects to date for the 2025 construction season requiring pulverizing services. In the past RCKC has solicited quotes for individual projects for these services. Utilizing this Pulverizing and Rotomilling Services Bid will reduce delays associated with contractor availability and contractor procurement through the quotation process, which would also expedite project completion.

The cold milling service in this bid would only be used for unforeseen repairs and/or routine maintenance work. The cold milling necessary on our 2025 road projects is included in our HMA Bid extension with Lakeland Asphalt.

This is the first time RCKC has bid Pulverizing and Rotomilling Services and due to varying quantities and uncertain project timelines, RCKC has structured this bid for contractor payment on an hourly rate basis verses the conventional per square yard pricing utilized for bidding known projects and quantities. Also, awarding the bid to multiple contractors ensures flexibility and availability, reducing potential delays when the lowest bidder is engaged in prior commitments and not available for extended periods.



Pictured above: Pulverizing



Pictured above: Rotomilling

Videos:

Pulverizing: <https://www.youtube.com/watch?v=GmHVCh3veDc>

Rotomilling: <https://www.youtube.com/watch?v=vVEzgoIPWgM>

In addition to the various building industry associations, we sent out a public bid notice to contractors and construction/bidding entities, as well as the posting on our website. We had four (4) downloads of the bid specifications and received three (3) bid proposals.

Alternatives

An alternative would be to rebid the pulverizing and rotomilling service; however, RCKC does not recommend this option. Rebidding is likely to result in higher prices due to increasing contractor schedules for 2025.

Budgetary Impact

The 2025 Budget for pulverizing and rotomilling services is primarily included in individual projects this year.

We periodically use pulverizing or rotomilling services to assist our team on our local or primary road routine maintenance work. The cost for this service would be covered in our budget under Primary and Local Road routine maintenance for Surface Patching-Contractor budget (account #915001).

Summary

We recommend the Board award the Pulverizing and Rotomilling Services Bid #2025-08 to J.L. Milling Inc., Michigan Paving & Materials Co, and Lakeland Asphalt Corporation with the option to extend for three (3) one (1) year extensions by the mutual agreement of both parties.



Bid Number: 2025-08

Bid Item: Pulverizing and Rotomiling Services

Bid Opening Date: Tuesday, March 11, 2025

Bid Award Date: March 25, 2025

Contract Term: Prices to remain firm through 12/31/2025, with the option to extend for three (3) one (1) year extensions by mutual agreement

BID TABULATION	Lakeland Asphalt Corporation	j.l. milling	Michigan Paving & Materials Co
Item	Price	Price	Price
Pulverizing and Rotomilling Cost Per Hour Contractor to Haul/Retain Millings			
6'6" minimum mill width - Hour	\$1,280.00	\$730.00	\$600.00
3' minimum mill width - Hour		\$465.00	
Skid Steer mounted 18" wide mill - Hour	\$400.00	\$185.00	\$200.00
Pulverizing without Brine - Hour		\$730.00	
Pulverizing w/ Brine supplied by RCKC - Hour		\$630.00	
Trenching - Hour		\$465.00	
Pulverizing and Rotomilling Cost Per Hour RCKC to Haul/Retain Millings			
6'6" minimum mill width - Hour	\$595.00	\$730.00	\$650.00
3' minimum mill width - Hour		\$465.00	
Skid Steer mounted 18" wide mill - Hour	\$250.00	\$185.00	\$200.00
Pulverizing without Brine - Hour		\$730.00	
Pulverizing w/ Brine supplied by RCKC - Hour		\$630.00	
Trenching - Hour		\$465.00	



LOCAL ROAD CONTRACT

THIS CONTRACT made and entered into this _____ day of _____, 2025, by and between the Board of County Road Commissioners of the County of Kalamazoo, hereinafter referred to as the "RCKC" and the **Township of Climax**, Kalamazoo County, Michigan, hereinafter referred to as the "Township" for the purpose of fixing the rights and obligations of the parties and agreeing to the design/construction engineering and/or construction of certain improvements and contingency projects on county roads within the Township, hereinafter referred to as "Project"

WITNESSETH: WHEREAS, Section 20 of Act 51 of the Public Acts of 1951, as amended, authorizes Township Boards to appropriate general fund monies and to pay the same into the county road fund of the county for the maintenance and/or improvement of county roads within the Township, pursuant to an agreement between the Township and the RCKC; and

WHEREAS, it is mutually agreed between the RCKC and the Township that certain improvements are necessary on the county road system within the Township.

NOW, THEREFORE, IN CONSIDERATION of the promises and mutual undertakings of the parties in conformity with the applicable state laws, it is agreed:

1. The RCKC and Township agree that the scope of the work to be performed for the Project(s) identified is based on cost estimates and contingent upon how unexpected field issues are addressed. The RCKC, shall administer the Local Road Contract. The RCKC shall oversee design/construction engineering and/or construct or cause to be constructed the following road improvements and **contingency project(s) which will begin only if there are remaining funds in the Total Township Share. Contingency project(s) not completed in the current year will be carried over to the following year with the remaining costs included in the following year's Local Road Contract. Uncompleted contingency project costs will be billed the following year as the remaining work is completed.**

38th Street - O Avenue to 5,280' north of O Avenue; *Crack Fill, Chip Seal*

Project Estimate: \$43,791

Work Order # _____
(to be assigned)

39th Street - T Avenue to R Avenue; *Crack Fill, Chip Seal*

Project Estimate: \$90,583

Work Order # _____
(to be assigned)

OP Avenue - 42nd Street to 44th Street; *Crack Fill, Chip Seal*

Project Estimate: \$41,870

Work Order # _____
(to be assigned)

Q Avenue - 3,569' east of 46th Street to 5,280' east of 46th Street; *Chip Seal Trial*

Project Estimate: \$17,737

Work Order # _____
(to be assigned)

S Avenue - 43nd Street to 47th Street; *Crack Fill, Chip Seal*

Project Estimate: \$79,111

Work Order # _____
(to be assigned)

T Avenue - 36th Street to 39th Street; *Crack Fill, Chip Seal*

Project Estimate: \$67,378

Work Order # _____
(to be assigned)

46th Street - Q Avenue to PQ Avenue, **PQ Avenue** - 46th Street to 47th Street; *Gravel Resurfacing*

Project Estimate: \$172,982

Work Order # _____
(to be assigned)

CONTINGENCY PROJECT(S):

39th Street - ON Avenue to 3,168' north of ON Avenue, **ON Avenue** - 39th Street to 3,764' west of 42nd Street;
Gravel Resurfacing

Project Estimate: \$0

Work Order # _____

(to be assigned)

2. The detailed estimate(s) of the cost of the Project(s) is attached hereto and incorporated herein.
3. The terms and provisions of the RCKC policies, including those provided in the annual RCKC local road information packet, are deemed to be a part of and included in this Local Road Contract as though fully set forth herein.
4. The RCKC shall provide progress billing and shall make available the accounting to the Township in accordance with the following schedule of the LOCAL ROAD CONTRACT:

Total Estimated Project Cost(s)	\$513,452
<i>Total Estimated Billable Project Cost(s)</i>	\$345,756
RCKC Participation Funds (to extent available)	\$82,075
<i>Total Township Share</i>	\$263,681

5. General Provisions:

- A. This Local Road Contract contains all the terms and conditions of the contractual relationship between the parties relating to the Project(s), and no amendments or additions to this Local Road Contract shall be binding unless they are in writing and signed by both parties. This Local Road Contract, including all attachments, supersedes all prior oral and written and all contemporaneous oral negotiations, commitments, and understandings of the parties.
 - B. This Local Road Contract shall be binding on the parties, their legal representatives, successors, and assigns.
 - C. The headings of this Local Road Contract are for convenience only and in no way define, limit, or describe the scope or intent of this Local Road Contract or any of its sections, nor do they in any way affect this Local Road Contract.
 - D. Any notice required or permitted to be given under this Local Road Contract shall be sufficient if it is in writing and if it is sent by email, or registered mail or certified mail, and return receipt requested to the **Township of Climax** mailing address.
 - E. This Local Road Contract shall be governed by, construed, and enforced in accordance with the laws of the State of Michigan.
 - F. The invalidity of all or any part of any sections, subsections, or paragraphs of this Local Road Contract shall not invalidate the remainder of this Local Road Contract or the remainder of any paragraph or section not invalidated unless the elimination of such subsections, sections, or paragraphs shall substantially defeat the intents and purposes of the parties.
6. This Local Road Contract shall become binding on the parties hereto and be of full force and effect upon the signing thereof by the duly authorized officials of the Township and of the RCKC.
 7. The Township will be notified and agrees to authorize the Board to proceed with the award of the bids to the lowest responsive and responsible bidder unless advised in writing (by the appropriate township official by no later than the day before the Board meeting) that due to the cost of the project(s) with overhead, the cost exceeds the Local Road Contract and therefore the Township requests not to make the award to the bidder.
 8. The maximum cost to the Township for the Project(s)/Contingency Project(s) listed on this Local Road Contract will be equal to the *Total Township Share* listed above. Any costs over the Total Township Share will be carried over to the following year's Local Road Contract.

9. The estimated Project(s) cost shall include all labor, materials, equipment, and contractor costs anticipated to be incurred in the project(s) by the Board. These items shall, in turn, include all indirect and administrative costs chargeable to the Project(s).
10. The parties hereto agree that, when and where applicable, they will comply with Executive Order 11246, Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, Title VII of the Civil Rights Act of 1964, the Americans with Disabilities Act (all of the foregoing as amended) and the applicable portions of the Michigan Elliott-Larsen Civil Rights Act and Michigan Persons with Disabilities Civil Rights Act, as well as any implementing rules and regulations. Specifically, contractors and sub-contractors are required not to discriminate against any employee or applicant for employment with respect to such person's hire, tenure, terms, conditions, or privileges of employment because of such person's race, color, religion, national origin, age, sex, sexual orientation, gender identity, disability, or protected veteran status. Breach of this provision may be regarded as a material breach of the contract or purchasing agreement and handled accordingly. Further, any violation of this provision may be separately addressed in accordance with the foregoing laws.
11. The Board shall upon reasonable notification make available in their office to representatives of the Township all records concerning the project(s) for review.

IN WITNESS WHEREOF, the parties hereto have caused this Local Road Contract to be executed on the day and year first above written.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO

By _____
Chair

Date _____

TOWNSHIP OF CLIMAX

By Trent Pipe (SUPERVISOR)
Township Official

Date 3/15/25



Estimate Date: 03/13/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Climax Township

Location: 38th Street - O Avenue to 5,280' north of O Avenue

Project Description: Crack Fill, Chip Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Dust Control, Applied	2000 Gal / Mile		Gal	\$0.21		No charge
High Shoulder, Remove		106.00	Station	\$30.00	\$3,180	No charge
Pavement Marking		5,280.00	Ft	\$0.10	\$528	No charge
Aggregate, Gravel, 22A			Ton	\$9.50		No charge
Estimated Nonbillable Cost					\$3,708	
Cost Recovery - Nonbillable (8.68%)					\$322	
Total Estimated Nonbillable Cost					\$4,030	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	3,500.00	Lbs	\$1.29	\$4,515	
RCKC Sweeping		12,969.00	Syd	\$0.03	\$389	
RCKC Equipment		12,969.00	Syd	\$0.35	\$4,539	
RCKC Labor/Fringe		12,969.00	Syd	\$0.28	\$3,631	
Contractor Equipment/Labor		6,778.00	Gal	\$0.24	\$1,627	
Fine Aggregate, CS2	22 Lbs / Syd	143.00	Ton	\$49.23	\$7,040	
Emulsion, CRS-2M	0.50 Gal / Syd	6,778.00	Gal	\$2.19	\$14,844	
Estimated Billable Cost					\$36,585	
Cost Recovery - Billable (8.68%)					\$3,176	
Total Estimated Billable Cost					\$39,761	
Total Estimated Project Cost					\$43,791	



Estimate Date: 03/13/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Climax Township

Location: 39th Street - T Avenue to R Avenue

Project Description: Crack Fill, Chip Seal

Project Length: 2.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		212.00	Station	\$30.00	\$6,360	No charge
Pavement Marking		10,560.00	Ft	\$0.10	\$1,056	No charge
Estimated Nonbillable Cost					\$7,416	
Cost Recovery - Nonbillable (8.68%)					\$644	
Total Estimated Nonbillable Cost					\$8,060	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	10,000.00	Lbs	\$1.29	\$12,900	
RCKC Equipment		25,813.00	Syd	\$0.35	\$9,035	
RCKC Labor/Fringe		25,813.00	Syd	\$0.28	\$7,228	
Contractor Equipment/Labor		13,493.00	Gal	\$0.24	\$3,238	
Fine Aggregate, CS2	22 Lbs / Syd	284.00	Ton	\$49.23	\$13,981	
Emulsion, CRS-2M	0.50 Gal / Syd	13,493.00	Gal	\$2.19	\$29,550	
Estimated Billable Cost					\$75,932	
Cost Recovery - Billable (8.68%)					\$6,591	
Total Estimated Billable Cost					\$82,523	
Total Estimated Project Cost					\$90,583	



Estimate Date: 03/13/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Climax Township

Location: OP Avenue - 42nd Street to 44th Street

Project Description: Crack Fill, Chip Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		106.00	Station	\$30.00	\$3,180	No charge
Pavement Marking		5,280.00	Ft	\$0.10	\$528	No charge
Estimated Nonbillable Cost					\$3,708	
Cost Recovery - Nonbillable (8.68%)					\$322	
Total Estimated Nonbillable Cost					\$4,030	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	3,500.00	Lbs	\$1.29	\$4,515	
RCKC Equipment		12,409.00	Syd	\$0.35	\$4,343	
RCKC Labor/Fringe		12,409.00	Syd	\$0.28	\$3,475	
Contractor Equipment/Labor		6,498.00	Gal	\$0.24	\$1,560	
Fine Aggregate, CS2	22 Lbs / Syd	136.00	Ton	\$49.23	\$6,695	
Emulsion, CRS-2M	0.50 Gal / Syd	6,498.00	Gal	\$2.19	\$14,231	
Estimated Billable Cost					\$34,818	
Cost Recovery - Billable (8.68%)					\$3,022	
Total Estimated Billable Cost					\$37,840	
Total Estimated Project Cost					\$41,870	



Estimate Date: 03/13/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Climax Township

Location: Q Avenue - 3,569' east of 46th Street to 5,280' east of 46th Street

Project Description: Rubberized Chip Seal Trial

Project Length: 0.33 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		34.00	Station	\$30.00	\$1,020	
Pavement Marking		1,711.00	Ft	\$0.10	\$171	
Estimated Nonbillable Cost					\$1,191	
Cost Recovery - Nonbillable (8.68%)					\$103	
Total Estimated Nonbillable Cost					\$1,294	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		3,992.00	Syd	\$0.03	\$120	
Ruberized Chip Seal, Contractor Applied		3,992.00	Syd	\$3.76	\$15,010	
Estimated Billable Cost					\$15,130	
Cost Recovery - Billable (8.68%)					\$1,313	
Total Estimated Billable Cost					\$16,443	
Total Estimated Project Cost					\$17,737	



Estimate Date: 03/13/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Climax Township

Location: S Avenue - 43nd Street to 47th Street

Project Description: Crack Fill, Chip Seal

Project Length: 2.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		212.00	Station	\$30.00	\$6,360	No charge
Pavement Marking		10,600.00	Ft	\$0.10	\$1,060	No charge
Estimated Nonbillable Cost					\$7,420	
Cost Recovery - Nonbillable (8.68%)					\$644	
Total Estimated Nonbillable Cost					\$8,064	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Medium	3,011.36	Lbs	\$1.29	\$3,885	
RCKC Equipment		25,161.00	Syd	\$0.35	\$8,806	
RCKC Labor/Fringe		25,161.00	Syd	\$0.28	\$7,045	
Contractor Equipment/Labor		13,169.00	Gal	\$0.24	\$3,161	
Fine Aggregate, CS2	22 Lbs / Syd	277.00	Ton	\$49.23	\$13,637	
Emulsion, CRS-2M	0.50 Gal / Syd	13,169.00	Gal	\$2.19	\$28,840	
Estimated Billable Cost					\$65,373	
Cost Recovery - Billable (8.68%)					\$5,674	
Total Estimated Billable Cost					\$71,047	
Total Estimated Project Cost					\$79,111	



Estimate Date: 03/13/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Climax Township

Location: T Avenue - 36th Street to 39th Street

Project Description: Crack Fill, Chip Seal

Project Length: 1.52 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Dust Control, Applied	2000 Gal / Mile		Gal	\$0.21		No charge
High Shoulder, Remove		160.00	Station	\$30.00	\$4,800	No charge
Shoulder, Gravel, 23A		50.00	Ton	\$14.00	\$700	No charge
Shoulder, Gravel, Placement		15.00	Station	\$35.00	\$525	No charge
Pavement Marking		8,000.00	Ft	\$0.10	\$800	No charge
Estimated Nonbillable Cost					\$6,825	
Cost Recovery - Nonbillable (8.68%)					\$592	
Total Estimated Nonbillable Cost					\$7,417	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	5,303.03	Lbs	\$1.29	\$6,841	
RCKC Sweeping		19,556.00	Syd	\$0.03	\$587	
RCKC Equipment		19,556.00	Syd	\$0.35	\$6,845	
RCKC Labor/Fringe		19,556.00	Syd	\$0.28	\$5,476	
Contractor Equipment/Labor		10,222.00	Gal	\$0.24	\$2,453	
Fine Aggregate, CS2	22 Lbs / Syd	215.00	Ton	\$49.23	\$10,584	
Emulsion, CRS-2M	0.50 Gal / Syd	10,222.00	Gal	\$2.19	\$22,386	
Estimated Billable Cost					\$55,172	
Cost Recovery - Billable (8.68%)					\$4,789	
Total Estimated Billable Cost					\$59,961	
Total Estimated Project Cost					\$67,378	



Estimate Date: 03/13/25 Estimator: B. DeYoung Estimate Type: Final

Municipality: Climax Township

Location: 46th Street - Q Avenue to PQ Avenue

PQ Avenue - 46th Street to 47th Street

Project Description: Gravel Resurfacing

Project Length: 0.75 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		80.00	Station	\$30.00	\$2,400	No charge
Tree Pruning & Removal		35.00	Ea	\$1,200.00	\$42,000	No charge
Ditch Cleanout, greater than 6"		80.00	Station	\$450.00	\$36,000	No charge
Culvert End Section, CMP, 18"		6.00	Ea	\$70.00	\$420	No charge
Dust Control, Applied	2000 Gal / Mile	1,500.00	Gal	\$0.21	\$315	No charge
Roadside Restoration		80.00	Station	\$200.00	\$16,000	No Charge
Culvert, CMP, 18"		1.00	each	\$750.00	\$750	No charge
Culvert End Section, CMP, 18"		2.00	each	\$75.00	\$150	No charge
Guardrail, Remove		100.00	Ft	\$20.00	\$2,000	No charge
Guardrail		100.00	Ft	\$80.00	\$8,000	No charge
Guardrail, Approach Terminal		4.00	Ea	\$4,000.00	\$16,000	No charge
Estimated Nonbillable Cost					\$124,035	
Cost Recovery - Nonbillable (8.68%)					\$10,766	
Total Estimated Nonbillable Cost					\$134,801	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Aggregate, Gravel, 22A		1,892.00	Ton	\$17.30	\$32,732	
Equipment, Motor Grader, Scarifier		6.00	Hour	\$250.00	\$1,500	
Equipment, Roller, Compactor		6.00	Hour	\$150.00	\$900	
Estimated Billable Cost					\$35,132	
Cost Recovery - Billable (8.68%)					\$3,049	
Total Estimated Billable Cost					\$38,181	
Total Estimated Project Cost					\$172,982	



Estimate Date: 03/13/25 Estimator: B. DeYoung Estimate Type: Final

Municipality: Climax Township

Location: 39th Street - ON Avenue to 3,168' north of ON Avenue

ON Avenue - 39th Street to 3,764' west of 42nd Street

Project Description: Gravel Resurfacing

Project Length: .88 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Dust Control, Applied	2000 Gal / Mile	0.00	Gal	\$0.21	\$0	No charge
High Shoulder, Remove		94.00	Station	\$30.00	\$2,820	No charge
Tree Pruning & Removal		22.00	Ea	\$1,200.00	\$26,400	No charge
Ditch Cleanout, greater than 6"		30.00	Station	\$450.00	\$13,500	No charge
Dust Control, Applied	2,000 Gal/Mile	1,760.00	Gal	\$0.21	\$370	No charge
Estimated Nonbillable Cost					\$42,720	
Cost Recovery - Nonbillable (8.68%)					\$3,708	
Total Estimated Nonbillable Cost					\$46,428	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Aggregate, Gravel, 22A		2,250.00	Ton	\$17.30	\$38,925	
Equipment, Motor Grader, Scarifier		6.00	Hour	\$250.00	\$1,500	
Equipment, Roller, Compactor		6.00	Hour	\$150.00	\$900	
Estimated Billable Cost					\$41,325	
Cost Recovery - Billable (8.68%)					\$3,587	
Total Estimated Billable Cost					\$44,912	

Total Estimated Project Cost	\$91,340
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LOCAL ROAD CONTRACT

THIS CONTRACT made and entered into this _____ day of _____, 2025, by and between the Board of County Road Commissioners of the County of Kalamazoo, hereinafter referred to as the "RCKC" and the **Township of Climax**, Kalamazoo County, Michigan, hereinafter referred to as the "Township" for the purpose of fixing the rights and obligations of the parties and agreeing to the design/construction engineering and/or construction of certain improvements on county roads within the Township, hereinafter referred to as "Project".

WITNESSETH: WHEREAS, Section 20 of Act 51 of the Public Acts of 1951, as amended, authorizes Township Boards to appropriate general fund monies and to pay the same into the county road fund of the county for the maintenance and/or improvement of county roads within the Township, pursuant to an agreement between the Township and the RCKC; and

WHEREAS, it is mutually agreed between the RCKC and the Township that certain improvements are necessary on the county road system within the Township.

NOW, THEREFORE, IN CONSIDERATION of the promises and mutual undertakings of the parties in conformity with the applicable state laws, it is agreed:

1. The RCKC and Township agree that the scope of the work to be performed for the Project(s) identified is based on cost estimates and contingent upon how unexpected field issues are addressed. The RCKC, shall administer the Local Road Contract. The RCKC shall oversee design/construction engineering and/or construct or cause to be constructed the following road improvements:

40th Street - R Avenue to Q Avenue; Chip Seal, Fog Seal

Project Estimate: \$29,090

Work Order # _____

(to be assigned)

2. The detailed estimate(s) of the cost of the Project(s) is attached hereto and incorporated herein.
3. The terms and provisions of the RCKC policies, including those provided in the annual RCKC local road information packet, are deemed to be a part of and included in this Local Road Contract as though fully set forth herein.
4. The RCKC shall provide progress billing and shall make available the accounting to the Township in accordance with the following schedule of the LOCAL ROAD CONTRACT:

Total Estimated Project Cost(s)	\$29,090
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<i>Total Estimated Billable Project Cost(s)</i>	\$28,514
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RCKC Participation Funds (to extent available)	\$0.00
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<i>Total Township Share</i>	\$28,514
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5. General Provisions:
 - A. This Local Road Contract contains all of the terms and conditions of the contractual relationship between the parties relating to the Project(s), and no amendments or additions to this Local Road Contract shall be binding unless they are in writing and signed by both parties. This Agreement, including all attachments, supersedes all prior oral and written and all contemporaneous oral negotiations, commitments, and understandings of the parties.
 - B. This Local Road Contract shall be binding on the parties, their legal representatives, successors, and assigns.
 - C. The headings of this Local Road Contract are for convenience only and in no way define, limit, or describe the scope or intent of this Local Road Contract or any of its sections, nor do they in any way affect this Local Road Contract.

- D. Any notice required or permitted to be given under this Local Road Contract shall be sufficient if it is in writing and if it is sent by email, or registered mail or certified mail, and return receipt requested to the **Township of Climax** mailing address.
- E. This Local Road Contract shall be governed by, construed, and enforced in accordance with the laws of the State of Michigan.
- F. The invalidity of all or any part of any sections, subsections, or paragraphs of this Local Road Contract shall not invalidate the remainder of this Local Road Contract or the remainder of any paragraph or section not invalidated unless the elimination of such subsections, sections, or paragraphs shall substantially defeat the intents and purposes of the parties.
6. This Local Road Contract shall become binding on the parties hereto and be of full force and effect upon the signing thereof by the duly authorized officials of the Township and of the RCKC.
7. The Township will be notified and agrees to authorize the Board to proceed with the award of the bids to the lowest responsive and responsible bidder unless advised in writing (by the appropriate township official by no later than the day before the Board meeting) that due to the cost of the project(s) with overhead, the cost exceeds the local road contract and therefore the township requests not to make the award to the bidder.
8. The maximum cost to the township for the Project(s) is the amount itemized as the estimated project(s) cost on the Local Road Contract.
9. The estimated Project(s) cost shall include all labor, materials, equipment, and contractor costs anticipated to be incurred in the project(s) by the Board. These items shall, in turn, include all indirect and administrative costs chargeable to the Project(s).
10. The parties hereto agree that, when and where applicable, they will comply with Executive Order 11246, Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, Title VII of the Civil Rights Act of 1964, the Americans with Disabilities Act (all of the foregoing as amended) and the applicable portions of the Michigan Elliott-Larsen Civil Rights Act and Michigan Persons with Disabilities Civil Rights Act, as well as any implementing rules and regulations. Specifically, contractors and sub-contractors are required not to discriminate against any employee or applicant for employment with respect to such person's hire, tenure, terms, conditions, or privileges of employment because of such person's race, color, religion, national origin, age, sex, sexual orientation, gender identity, disability, or protected veteran status. Breach of this provision may be regarded as a material breach of the contract or purchasing agreement and handled accordingly. Further, any violation of this provision may be separately addressed in accordance with the foregoing laws.
11. The Board shall upon reasonable notification make available in their office to representatives of the Township all records concerning the project(s) for review.

IN WITNESS WHEREOF, the parties hereto have caused this Local Road Contract to be executed on the day and year first above written.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO

By _____
Chair

Date _____

TOWNSHIP OF CLIMAX

By Frank Pipe (SUPERVISOR)
Township Official

Date 3/15/25



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/13/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Climax Township

Location: 40th Street - R Avenue to Q Avenue

Project Description: Chip Seal, Fog Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Pavement Marking		5,300.00	Ft	\$0.10	\$530	No charge
Estimated Nonbillable Cost					\$530	
Cost Recovery - Nonbillable (8.68%)					\$46	
Total Estimated Nonbillable Cost					\$576	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		12,724.00	Syd	\$0.03	\$382	
RCKC Equipment		12,724.00	Syd	\$0.35	\$4,453	
RCKC Labor/Fringe		12,724.00	Syd	\$0.28	\$3,563	
Contractor Equipment/Labor		3,861.00	Gal	\$0.24	\$927	
Fine Aggregate, CST	18 Lbs / Syd	115.00	Ton	\$49.20	\$5,658	
Emulsion, CRS-2M	0.29 Gal / Syd	3,861.00	Gal	\$2.19	\$8,456	
Fog Seal	.12 Gal/Syd.	12,724.00	Syd	\$0.22	\$2,799	
Estimated Billable Cost					\$26,237	
Cost Recovery - Billable (8.68%)					\$2,277	
Total Estimated Billable Cost					\$28,514	
Total Estimated Project Cost					\$29,090	



LOCAL ROAD CONTRACT

THIS CONTRACT made and entered into this _____ day of _____, 2025, by and between the Board of County Road Commissioners of the County of Kalamazoo, hereinafter referred to as the "RCKC" and the Township of Kalamazoo, Kalamazoo County, Michigan, hereinafter referred to as the "Township" for the purpose of fixing the rights and obligations of the parties and agreeing to the design/construction engineering and/or construction of certain improvements on county roads within the Township, hereinafter referred to as "Project".

WITNESSETH: WHEREAS, Section 20 of Act 51 of the Public Acts of 1951, as amended, authorizes Township Boards to appropriate general fund monies and to pay the same into the county road fund of the county for the maintenance and/or improvement of county roads within the Township, pursuant to an agreement between the Township and the RCKC; and

WHEREAS, it is mutually agreed between the RCKC and the Township that certain improvements are necessary on the county road system within the Township.

NOW, THEREFORE, IN CONSIDERATION of the promises and mutual undertakings of the parties in conformity with the applicable state laws, it is agreed:

1. The RCKC and Township agree that the scope of the work to be performed for the Project(s) identified is based on cost estimates and contingent upon how unexpected field issues are addressed. The RCKC, shall administer the Local Road Contract. The RCKC shall oversee design/construction engineering and/or construct or cause to be constructed the following road improvements:

Dartmouth Street – West Main Street to Hillsdale Avenue
Clarendon Street – West Main Street to West North Street
Berkley Street – West Main Street to Hillsdale Avenue
Commonwealth Avenue – Dartmouth Street to Arlington Street
West North Street – Dartmouth Street to Berkley Street; Crack Fill, Chip Seal, Fog Seal

Project Estimate: \$51,780

Work Order # _____
(to be assigned)

Cooper Avenue – Dearborn Avenue to East Main Street; Crack Fill, Chip Seal, Fog Seal

Project Estimate: \$9,061

Work Order # _____
(to be assigned)

Borgess Drive – Nazareth Road to 75' west of Casper Street; Crack Fill, Chip Seal, Fog Seal

Project Estimate: \$14,952

Work Order # _____
(to be assigned)

Fairfield Avenue – West Main Street to 225' North of Hilltop Street
Castle Street – Brook Drive to Fairfield Avenue
Seamers Street – Brook Drive to Fairfield Avenue
Hilltop Street – Brook Drive to Fairfield Avenue; HMA Overlay

Project Estimate: \$138,837

Work Order # _____
(to be assigned)

Woodrow Drive – Texel Drive to Ashbury Avenue; HMA Overlay

Project Estimate: \$14,787

Work Order # _____
(to be assigned)

Seville Avenue – Shasta Drive to Monterey Drive
Oxford Street – 159' south of Barclay Drive to Barclay Drive
Shasta Drive – Barclay Drive to Mosel Avenue
Monterey Drive – Shasta Drive to Seville Avenue
Monterey Circle – Monterey Drive to 142' north of Monterey Drive; *HMA Overlay*

Project Estimate: \$130,357

Work Order # _____

(to be assigned)

Avondale Drive – Craft Avenue to Craft Avenue
Avondale Circle – Avondale Circle to 130' East of Avondale Drive; *HMA Overlay*

Project Estimate: \$80,998

Work Order # _____

(to be assigned)

Craft Avenue – Kenilworth Avenue to East Main Street; *HMA Overlay*

Project Estimate: \$86,863

Work Order # _____

(to be assigned)

Chrysler Street – Kenilworth Avenue to East Main Street; *HMA Overlay*

Project Estimate: \$111,767

Work Order # _____

(to be assigned)

Nelson Avenue – 954' south of West Main Street to West Main Street; *HMA Overlay*

Project Estimate: \$56,909

Work Order # _____

(to be assigned)

Gilkison Avenue – 954' south of West Main Street to West Main Street; *HMA Overlay*

Project Estimate: \$54,736

Work Order # _____

(to be assigned)

2. The detailed estimate(s) of the cost of the Project(s) is attached hereto and incorporated herein.
3. The terms and provisions of the RCKC policies, including those provided in the annual RCKC local road information packet, are deemed to be a part of and included in this Local Road Contract as though fully set forth herein.
4. The RCKC shall provide progress billing and shall make available the accounting to the Township in accordance with the following schedule of the LOCAL ROAD CONTRACT:

Total Estimated Project Cost(s)	\$751,047.00
Total Estimated Billable Project Cost(s)	\$681,583.00
RCKC Participation Funds (to extent available)	\$340,632.46
Total Township Share	\$340,950.54

5. General Provisions:

- A. This Local Road Contract contains all of the terms and conditions of the contractual relationship between the parties relating to the Project(s), and no amendments or additions to this Local Road Contract shall be binding unless they are in writing and signed by both parties. This Agreement, including all attachments, supersedes all prior oral and written and all contemporaneous oral negotiations, commitments, and understandings of the parties.
- B. This Local Road Contract shall be binding on the parties, their legal representatives, successors, and assigns.
- C. The headings of this Local Road Contract are for convenience only and in no way define, limit, or describe the scope or intent of this Local Road Contract or any of its sections, nor do they in any way affect this Local Road Contract.

- D. Any notice required or permitted to be given under this Local Road Contract shall be sufficient if it is in writing and if it is sent by email, or registered mail or certified mail, and return receipt requested to the **Township of Kalamazoo** mailing address.
- E. This Local Road Contract shall be governed by, construed, and enforced in accordance with the laws of the State of Michigan.
- F. The invalidity of all or any part of any sections, subsections, or paragraphs of this Local Road Contract shall not invalidate the remainder of this Local Road Contract or the remainder of any paragraph or section not invalidated unless the elimination of such subsections, sections, or paragraphs shall substantially defeat the intents and purposes of the parties.
6. This Local Road Contract shall become binding on the parties hereto and be of full force and effect upon the signing thereof by the duly authorized officials of the Township and of the RCKC.
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8. The maximum cost to the township for the Project(s) is the amount itemized as the estimated project(s) cost on the Local Road Contract.
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11. The Board shall upon reasonable notification make available in their office to representatives of the Township all records concerning the project(s) for review.


IN WITNESS WHEREOF, the parties hereto have caused this Local Road Contract to be executed on the day and year first above written.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO

By _____
Chair

Date _____

TOWNSHIP OF KALAMAZOO

By  _____
Township Official

Date 03/12/2025



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Dartmouth Street – West Main Street to Hillsdale Avenue
Clarendon Street – West Main Street to West North Street
Berkley Street – West Main Street to Hillsdale Avenue
Commonwealth Avenue – Dartmouth Street to Arlington Street

Location: West North Street – Dartmouth Street to Berkley Street

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 1.34 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		120.00	Station	\$30.00	\$3,600	No charge
Estimated Nonbillable Cost					\$3,600	
Cost Recovery - Nonbillable (8.68%)					\$312	
Total Estimated Nonbillable Cost					\$3,912	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	4,683.24	Lbs	\$1.29	\$6,041	
Vacuum Sweeping	2x	6.00	Hour	\$300.00	\$1,800	Plat
RCKC Equipment		17,591.00	Syd	\$0.38	\$6,685	
RCKC Labor/Fringe		17,591.00	Syd	\$0.28	\$4,925	
Contractor Equipment/Labor		5,329.00	Gal	\$0.24	\$1,279	
Fine Aggregate, CST	18 Lbs / Syd	158.00	Ton	\$49.20	\$7,774	
Emulsion, CRS-2M	0.29 Gal / Syd	5,329.00	Gal	\$2.19	\$11,671	
Fog Seal	0.12 Gal / Syd	17,591.00	Syd	\$0.22	\$3,870	
Estimated Billable Cost					\$44,045	
Cost Recovery - Billable (8.68%)					\$3,823	
Total Estimated Billable Cost					\$47,868	

Total Estimated Project Cost	\$51,780
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Location: Cooper Avenue - Dearborn Avenue to East Main Street

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 0.22 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		24.00	Station	\$30.00	\$720	No charge
					Estimated Nonbillable Cost	\$720
					Cost Recovery - Nonbillable (8.68%)	\$62
					Total Estimated Nonbillable Cost	\$782
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	762.31	Lbs	\$1.29	\$983	
Vacuum Sweeping		2.00	Hour	\$300.00	\$600	
RCKC Equipment		2,944.00	Syd	\$0.38	\$1,119	
RCKC Labor/Fringe		2,944.00	Syd	\$0.28	\$824	
Contractor Equipment/Labor		891.00	Gal	\$0.24	\$214	
Fine Aggregate, CST	18 Lbs / Syd	26.00	Ton	\$49.20	\$1,279	
Emulsion, CRS-2M	0.29 Gal / Syd	891.00	Gal	\$2.19	\$1,951	
Fog Seal	0.12 Gal / Syd	2,944.00	Syd	\$0.22	\$648	
					Estimated Billable Cost	\$7,618
					Cost Recovery - Billable (8.68%)	\$661
					Total Estimated Billable Cost	\$8,279
					Total Estimated Project Cost	\$9,061



Road Commission of Kalamazoo County
 4400 South 26th Street
 Kalamazoo, MI 49048
 www.kalamazoocountyroads.com

2025 Project Estimate
 VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Location: Borgess Drive - Nazareth Road to 75' west of Casper Street

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 0.25 Miled

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
		Estimated Nonbillable Cost			\$0	
		Cost Recovery - Nonbillable (8.68%)			\$0	
		Total Estimated Nonbillable Cost			\$0	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	861.74	Lbs	\$1.29	\$1,112	
RCKC Sweeping		4,622.00	Syd	\$0.03	\$139	
RCKC Equipment		4,622.00	Syd	\$0.38	\$1,756	
RCKC Labor/Fringe		4,622.00	Syd	\$0.28	\$1,294	
Contractor Equipment/Labor		2,383.00	Gal	\$0.24	\$572	
Fine Aggregate, CS2	22 Lbs / Syd	51.00	Ton	\$49.23	\$2,511	
Emulsion, CRS-2M	0.50 Gal / Syd	2,383.00	Gal	\$2.19	\$5,219	
Fog Seal	0.14 Gal / Syd	4,622.00	Syd	\$0.25	\$1,156	
Estimated Billable Cost					\$13,758	
Cost Recovery - Billable (8.68%)					\$1,194	
Total Estimated Billable Cost					\$14,952	
Total Estimated Project Cost					\$14,952	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township
Fairfield Avenue – West Main Street to 225' north of Hilltop Street
Castle Street – Brook Drive to Fairfield Avenue
Seamers Street – Brook Drive to Fairfield Avenue
Location: Hilltop Street – Brook Drive to Fairfield Avenue

Project Description: HMA Overlay

Project Length: 0.71 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		78.00	Station	\$30.00	\$2,340	No charge
Drainage Structure, Clean		1.00	Ea	\$385.00	\$385	No charge
Manhole Adjust, Sanitary		12.00	Ea	\$1,250.00	\$15,000	No charge
Estimated Nonbillable Cost					\$17,725	
Cost Recovery - Nonbillable (8.68%)					\$1,539	
Total Estimated Nonbillable Cost					\$19,264	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		2.00	Ea	\$750.00	\$1,500	
Cold Milling, HMA Surface, 2" to 4" (>5k Syd)		8,715.00	Syd	\$1.25	\$10,894	
Roadside Restoration		78.00	Station	\$225.00	\$17,550	
Crack Fill	Heavy	2,475.85	Lbs	\$1.29	\$3,194	
HMA, Surface		1,000.00	Ton	\$76.25	\$76,250	
Fog Seal, Construction Joint		3,735.00	Ft	\$0.17	\$635	
Estimated Billable Cost					\$110,023	
Cost Recovery - Billable (8.68%)					\$9,550	
Total Estimated Billable Cost					\$119,573	
Total Estimated Project Cost					\$138,837	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Location: Woodrow Drive - Texel Drive to Ashbury Avenue

Project Description: HMA Overlay

Project Length: 0.06 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		6.00	Station	\$30.00	\$180	No charge
Estimated Nonbillable Cost					\$180	
Cost Recovery - Nonbillable (8.68%)					\$16	
Total Estimated Nonbillable Cost					\$196	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Cold Milling, HMA Surface, 2" to 4" (<1K Syd)		700.00	Syd	\$7.25	\$5,075	
Roadside Restoration		3.00	Station	\$225.00	\$675	
HMA, Surface		100.00	Ton	\$76.25	\$7,625	
Fog Seal, Construction Joint		300.00	Ft	\$0.17	\$51	
Estimated Billable Cost					\$13,426	
Cost Recovery - Billable (8.68%)					\$1,165	
Total Estimated Billable Cost					\$14,591	
Total Estimated Project Cost					\$14,787	



Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township
Seville Avenue – Shasta Drive to Monterey Drive
Oxford Street – 159' south of Barclay Drive to Barclay Drive
Shasta Drive – Barclay Drive to Mosel Avenue
Monterey Drive – Shasta Drive to Seville Avenue
Location: Monterey Circle – Monterey Drive to 142' north of Monterey Drive

Project Description: HMA Overlay

Project Length: 0.57 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		54.00	Station	\$30.00	\$1,620	No charge
Manhole Adjust, Sanitary		6.00	Ea	\$1,250.00	\$7,500	No charge
Estimated Nonbillable Cost					\$9,120	
Cost Recovery - Nonbillable (8.68%)					\$792	
Total Estimated Nonbillable Cost					\$9,912	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		2.00	Ea	\$750.00	\$1,500	
Spillway, HMA		20.00	Ea	\$200.00	\$4,000	
Cold Milling, HMA Surface, 2" to 4" (1k - 5k Syd)		8,095.00	Syd	\$2.00	\$16,190	
Roadside Restoration		55.00	Station	\$225.00	\$12,375	
HMA, Surface		1,000.00	Ton	\$76.25	\$76,250	
Fog Seal, Construction Joint		3,000.00	Ft	\$0.17	\$510	
Estimated Billable Cost					\$110,825	
Cost Recovery - Billable (8.68%)					\$9,620	
Total Estimated Billable Cost					\$120,445	
Total Estimated Project Cost					\$130,357	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Avondale Drive – Craft Avenue to Craft Avenue

Location: Avondale Circle – Avondale Circle to 130' East of Avondale Drive

Project Description: HMA Overlay

Project Length: 0.31 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		35.00	Station	\$30.00	\$1,050	No charge
Manhole Adjust, Sanitary		5.00	Ea	\$1,250.00	\$6,250	No charge
Estimated Nonbillable Cost					\$7,300	
Cost Recovery - Nonbillable (8.68%)					\$634	
Total Estimated Nonbillable Cost					\$7,934	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		1.00	Ea	\$750.00	\$750	
Spillway, HMA		6.00	Ea	\$200.00	\$1,200	
Cold Milling, HMA Surface, 2" to 4" (1k - 5k Syd)		4,821.00	Syd	\$2.00	\$9,642	
Roadside Restoration		35.00	Station	\$225.00	\$7,875	
Manhole Adjust, Storm		2.00	Ea	\$1,250.00	\$2,500	
HMA, Surface		590.00	Ton	\$76.25	\$44,988	
Fog Seal, Construction Joint		1,615.00	Ft	\$0.17	\$275	
Estimated Billable Cost					\$67,229	
Cost Recovery - Billable (8.68%)					\$5,835	
Total Estimated Billable Cost					\$73,064	
Total Estimated Project Cost					\$80,998	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Location: Craft Avenue - Kenilworth Avenue to East Main Street

Project Description: HMA Overlay

Project Length: 0.38 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		54.00	Station	\$30.00	\$1,620	No charge
Manhole Adjust, Sanitary		10.00	Ea	\$1,250.00	\$12,500	No charge
Estimated Nonbillable Cost					\$14,120	
Cost Recovery - Nonbillable (8.68%)					\$1,226	
Total Estimated Nonbillable Cost					\$15,346	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		2.00	Ea	\$750.00	\$1,500	
Spillway, HMA		2.00	Ea	\$200.00	\$400	
Monument Preservation		2.00	Ea	\$926.00	\$1,852	
Roadside Restoration		54.00	Station	\$225.00	\$12,150	
HMA, Surface		650.00	Ton	\$76.25	\$49,563	
Fog Seal, Construction Joint		2,000.00	Ft	\$0.17	\$340	
Estimated Billable Cost					\$65,805	
Cost Recovery - Billable (8.68%)					\$5,712	
Total Estimated Billable Cost					\$71,517	
Total Estimated Project Cost					\$86,863	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Location: Chrysler Street - Kenilworth Avenue to East Main Street

Project Description: HMA Overlay

Project Length: 0.38 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		40.00	Station	\$30.00	\$1,200	No charge
Manhole Adjust, Sanitary		7.00	Ea	\$1,250.00	\$8,750	No charge
Estimated Nonbillable Cost					\$9,950	
Cost Recovery - Nonbillable (8.68%)					\$864	
Total Estimated Nonbillable Cost					\$10,814	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		1.00	Ea	\$750.00	\$750	
Spillway, HMA		4.00	Ea	\$200.00	\$800	
Cold Milling, HMA Surface, 2" to 4" (<1K Syd)		5,000.00	Syd	\$7.25	\$36,250	
Roadside Restoration		40.00	Station	\$225.00	\$9,000	
HMA, Surface		600.00	Ton	\$76.25	\$45,750	
Fog Seal, Construction Joint		2,000.00	Ft	\$0.17	\$340	
Estimated Billable Cost					\$92,890	
Cost Recovery - Billable (8.68%)					\$8,063	
Total Estimated Billable Cost					\$100,953	
Total Estimated Project Cost					\$111,767	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Location: Nelson Avenue - 954' south of West Main Street to West Main Street

Project Description: HMA Overlay

Project Length: 0.19 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		20.00	Station	\$30.00	\$600	No charge
					Estimated Nonbillable Cost	\$600
					Cost Recovery - Nonbillable (8.68%)	\$52
					Total Estimated Nonbillable Cost	\$652
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		1.00	Ea	\$750.00	\$750	
Spillway, HMA		10.00	Ea	\$200.00	\$2,000	
Cold Milling, HMA Surface, 2" to 4" (<1K Syd)		2,444.00	Syd	\$7.25	\$17,719	
Roadside Restoration		20.00	Station	\$225.00	\$4,500	
Manhole Adjust, Sanitary		3.00	Ea	\$1,250.00	\$3,750	
HMA, Surface		300.00	Ton	\$76.25	\$22,875	
Fog Seal, Construction Joint		1,000.00	Ft	\$0.17	\$170	
					Estimated Billable Cost	\$51,764
					Cost Recovery - Billable (8.68%)	\$4,493
					Total Estimated Billable Cost	\$56,257
					Total Estimated Project Cost	\$56,909



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/24/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Kalamazoo Township

Location: Gilkison Avenue - 954' south of West Main Street to West Main Street

Project Description: HMA Overlay

Project Length: 0.19 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		20.00	Station	\$30.00	\$600	No charge
					Estimated Nonbillable Cost	\$600
					Cost Recovery - Nonbillable (8.68%)	\$52
					Total Estimated Nonbillable Cost	\$652
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		1.00	Ea	\$750.00	\$750	
Cold Milling, HMA Surface, 2" to 4" (<1K Syd)		2,444.00	Syd	\$7.25	\$17,719	
Roadside Restoration		20.00	Station	\$225.00	\$4,500	
Manhole Adjust, Sanitary		3.00	Ea	\$1,250.00	\$3,750	
HMA, Surface		300.00	Ton	\$76.25	\$22,875	
Fog Seal, Construction Joint		1,000.00	Ft	\$0.17	\$170	
					Estimated Billable Cost	\$49,764
					Cost Recovery - Billable (8.68%)	\$4,320
					Total Estimated Billable Cost	\$54,084
					Total Estimated Project Cost	\$54,736



LOCAL ROAD CONTRACT

THIS CONTRACT made and entered into this _____ day of _____, 2025, by and between the Board of County Road Commissioners of the County of Kalamazoo, hereinafter referred to as the "RCKC" and the **Township of Pavilion**, Kalamazoo County, Michigan, hereinafter referred to as the "Township" for the purpose of fixing the rights and obligations of the parties and agreeing to the design/construction engineering and/or construction of certain improvements on county roads within the Township, hereinafter referred to as "Project".

WITNESSETH: WHEREAS, Section 20 of Act 51 of the Public Acts of 1951, as amended, authorizes Township Boards to appropriate general fund monies and to pay the same into the county road fund of the county for the maintenance and/or improvement of county roads within the Township, pursuant to an agreement between the Township and the RCKC; and

WHEREAS, it is mutually agreed between the RCKC and the Township that certain improvements are necessary on the county road system within the Township.

NOW, THEREFORE, IN CONSIDERATION of the promises and mutual undertakings of the parties in conformity with the applicable state laws, it is agreed:

1. The RCKC and Township agree that the scope of the work to be performed for the Project(s) identified is based on cost estimates and contingent upon how unexpected field issues are addressed. The RCKC, shall administer the Local Road Contract. The RCKC shall oversee design/construction engineering and/or construct or cause to be constructed the following road improvements:

34th Street – TS Avenue to R Avenue; *Crack Fill*

Project Estimate: \$11,286

Work Order # _____
(to be assigned)

O Avenue – 31st Street to 33rd Street; *Crack Fill, HMA Wedging, Chip Seal, Fog Seal*

Project Estimate: \$66,958

Work Order # _____
(to be assigned)

R Avenue – 32nd Street to 33rd Street; *Crack Fill, HMA Wedging, Chip Seal, Fog Seal*

Project Estimate: \$44,239

Work Order # _____
(to be assigned)

33rd Street – T Avenue to S Avenue; *Crack Fill, Chip Seal, Fog Seal*

Project Estimate: \$35,709

Work Order # _____
(to be assigned)

31st Street – O Avenue to N Avenue; *Crack Fill*

Project Estimate: \$6,256

Work Order # _____
(to be assigned)

R Avenue – 29th Street to 32nd Street; *Crack Fill*

Project Estimate: \$12,492

Work Order # _____
(to be assigned)

26th Street – S Avenue to RS Avenue; *Crack Fill*

Project Estimate: \$4,182

Work Order # _____
(to be assigned)

RS Avenue – 25th Street to 28th Street; *Crack Fill*

Project Estimate: \$10,438

Work Order # _____
(to be assigned)

31st Street – Q Avenue to OP Avenue; *Crack Fill*

Project Estimate: \$10,438

Work Order # _____
(to be assigned)

33rd Street – O Avenue to N Avenue; *Crack Fill*

Project Estimate: \$6,256

Work Order # _____
(to be assigned)

ON Avenue – 28th Street to 29th Street; *Crack Fill*

Project Estimate: \$4,182

Work Order # _____
(to be assigned)

**O Avenue – 26th Street to 28th Street; *Crack Fill*
28th Street – O Avenue to ON Avenue**

Project Estimate: \$10,438

Work Order # _____
(to be assigned)

O Avenue – 25th Street to 26th Street; *Crack Fill*

Project Estimate: \$6,256

Work Order # _____
(to be assigned)

O Avenue – 2,640' west of 25th Street to 25th Street; *Crack Fill*

Project Estimate: \$4,182

Work Order # _____
(to be assigned)

T Avenue – 32nd Street to 34th Street; *Crack Fill, HMA Wedging, Chip Seal, Fog Seal*

Project Estimate: \$67,506

Work Order # _____
(to be assigned)

32nd Street – S Avenue to R Avenue; *Double Rubber Chip Seal Trial*

Project Estimate: \$119,018

Work Order # _____
(to be assigned)

28th Street – QR Avenue to PQ Avenue – Rail Road Crossing; *HMA Overlay*

Project Estimate: \$4,083

Work Order # _____
(to be assigned)

O Avenue – 25th Street to 26th Street – Rail Road Crossing; *HMA Overlay*

Project Estimate: \$3,818

Work Order # _____
(to be assigned)

26th Street – P Avenue to O Avenue – Rail Road Crossing; *HMA Overlay*

Project Estimate: \$4,045

Work Order # _____
(to be assigned)

T Avenue – 3,500' east of 34th Street to 4,500' east of 34th Street; *HMA Wedging*

Project Estimate: \$21,628

Work Order # _____
(to be Assigned)

2. The detailed estimate(s) of the cost of the Project(s) is attached hereto and incorporated herein.
3. The terms and provisions of the RCKC policies, including those provided in the annual RCKC local road information packet, are deemed to be a part of and included in this Local Road Contract as though fully set forth herein.
4. The RCKC shall provide progress billing and shall make available the accounting to the Township in accordance with the following schedule of the LOCAL ROAD CONTRACT:

Total Estimated Project Cost(s)	\$453,410.00
<i>Total Estimated Billable Project Cost(s)</i>	\$378,244.00
RCKC Participation Funds (to extent available)	\$130,238.92
<i>Total Township Share</i>	\$248,005.08

5. General Provisions:
 - A. This Local Road Contract contains all of the terms and conditions of the contractual relationship between the parties relating to the Project(s), and no amendments or additions to this Local Road Contract shall be binding unless they are in writing and signed by both parties. This Agreement, including all attachments, supersedes all prior oral and written and all contemporaneous oral negotiations, commitments, and understandings of the parties.
 - B. This Local Road Contract shall be binding on the parties, their legal representatives, successors, and assigns.
 - C. The headings of this Local Road Contract are for convenience only and in no way define, limit, or describe the scope or intent of this Local Road Contract or any of its sections, nor do they in any way affect this Local Road Contract.
 - D. Any notice required or permitted to be given under this Local Road Contract shall be sufficient if it is in writing and if it is sent by email, or registered mail or certified mail, and return receipt requested to the **Township of Pavilion** mailing address.
 - E. This Local Road Contract shall be governed by, construed, and enforced in accordance with the laws of the State of Michigan.
 - F. The invalidity of all or any part of any sections, subsections, or paragraphs of this Local Road Contract shall not invalidate the remainder of this Local Road Contract or the remainder of any paragraph or section not invalidated unless the elimination of such subsections, sections, or paragraphs shall substantially defeat the intents and purposes of the parties.
6. This Local Road Contract shall become binding on the parties hereto and be of full force and effect upon the signing thereof by the duly authorized officials of the Township and of the RCKC.
7. The Township will be notified and agrees to authorize the Board to proceed with the award of the bids to the lowest responsive and responsible bidder unless advised in writing (by the appropriate township official by no later than the day before the Board meeting) that due to the cost of the project(s) with overhead, the cost exceeds the local road contract and therefore the township requests not to make the award to the bidder.
8. The maximum cost to the township for the Project(s) is the amount itemized as the estimated project(s) cost on the Local Road Contract.
9. The estimated Project(s) cost shall include all labor, materials, equipment, and contractor costs anticipated to be incurred in the project(s) by the Board. These items shall, in turn, include all indirect and administrative costs chargeable to the Project(s).

10. The parties hereto agree that, when and where applicable, they will comply with Executive Order 11246, Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, Title VII of the Civil Rights Act of 1964, the Americans with Disabilities Act (all of the foregoing as amended) and the applicable portions of the Michigan Elliott-Larsen Civil Rights Act and Michigan Persons with Disabilities Civil Rights Act, as well as any implementing rules and regulations. Specifically, contractors and sub-contractors are required not to discriminate against any employee or applicant for employment with respect to such person's hire, tenure, terms, conditions, or privileges of employment because of such person's race, color, religion, national origin, age, sex, sexual orientation, gender identity, disability, or protected veteran status. Breach of this provision may be regarded as a material breach of the contract or purchasing agreement and handled accordingly. Further, any violation of this provision may be separately addressed in accordance with the foregoing laws.
11. The Board shall upon reasonable notification make available in their office to representatives of the Township all records concerning the project(s) for review.

IN WITNESS WHEREOF, the parties hereto have caused this Local Road Contract to be executed on the day and year first above written.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO

TOWNSHIP OF PAVILION

By _____
Chair

By  _____
Township Official

Date _____

Date 3/10/2025



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 34th Street - TS Avenue to R Avenue

Project Description: Crack Fill

Project Length: 1.35 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		143.00	Station	\$30.00	\$4,290	
Estimated Nonbillable Cost					\$4,290	
Cost Recovery - Nonbillable (8.68%)					\$372	
Total Estimated Nonbillable Cost					\$4,662	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	4,725.00	Lbs	\$1.29	\$6,095	
Estimated Billable Cost					\$6,095	
Cost Recovery - Billable (8.68%)					\$529	
Total Estimated Billable Cost					\$6,624	
Total Estimated Project Cost					\$11,286	



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: O Avenue - 31st Street to 33rd Street

Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		106.00	Station	\$30.00	\$3,180	
Pavement Marking		5,280.00	Ft	\$0.10	\$528	
Estimated Nonbillable Cost					\$3,708	
Cost Recovery - Nonbillable (8.68%)					\$322	
Total Estimated Nonbillable Cost					\$4,030	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	3,500.00	Lbs	\$1.29	\$4,515	
HMA, 36A Mod, Wedging		200.00	Ton	\$99.00	\$19,800	
RCKC Sweeping		12,320.00	Syd	\$0.03	\$370	
RCKC Equipment		12,320.00	Syd	\$0.35	\$4,312	
RCKC Labor/Fringe		12,320.00	Syd	\$0.28	\$3,450	
Contractor Equipment/Labor		6,453.00	Gal	\$0.24	\$1,549	
Fine Aggregate, CS2	22 Lbs / Syd	136.00	Ton	\$49.23	\$6,695	
Emulsion, CRS-2M	0.50 Gal / Syd	6,453.00	Gal	\$2.19	\$14,132	
Fog Seal	0.14 Gal / Syd	12,320.00	Syd	\$0.25	\$3,080	
Estimated Billable Cost					\$57,902	
Cost Recovery - Billable (8.68%)					\$5,026	
Total Estimated Billable Cost					\$62,928	

Total Estimated Project Cost	\$66,958
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Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: R Avenue - 32nd Street to 33rd Street

Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal

Project Length: 0.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		53.00	Station	\$30.00	\$1,590	
Pavement Marking		2,640.00	Ft	\$0.10	\$264	
Estimated Nonbillable Cost					\$1,854	
Cost Recovery - Nonbillable (8.68%)					\$161	
Total Estimated Nonbillable Cost					\$2,015	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	1,750.00	Lbs	\$1.29	\$2,258	
HMA, 36A Mod, Wedging		200.00	Ton	\$99.00	\$19,800	
RCKC Sweeping		6,160.00	Syd	\$0.03	\$185	
RCKC Equipment		6,160.00	Syd	\$0.35	\$2,156	
RCKC Labor/Fringe		6,160.00	Syd	\$0.28	\$1,725	
Contractor Equipment/Labor		3,227.00	Gal	\$0.24	\$774	
Fine Aggregate, CS2	22 Lbs / Syd	68.00	Ton	\$49.23	\$3,348	
Emulsion, CRS-2M	0.50 Gal / Syd	3,227.00	Gal	\$2.19	\$7,067	
Fog Seal	0.14 Gal / Syd	6,160.00	Syd	\$0.25	\$1,540	
Estimated Billable Cost					\$38,852	
Cost Recovery - Billable (8.68%)					\$3,372	
Total Estimated Billable Cost					\$42,224	
Total Estimated Project Cost					\$44,239	



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 33rd Street - T Avenue to S Avenue

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 0.85 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		90.00	Station	\$30.00	\$2,700	No charge
Pavement Marking		4,500.00	Ft	\$0.10	\$450	No charge
Estimated Nonbillable Cost					\$3,150	
Cost Recovery - Nonbillable (8.68%)					\$273	
Total Estimated Nonbillable Cost					\$3,423	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Medium	1,278.41	Lbs	\$1.29	\$1,649	
RCKC Sweeping		10,300.00	Syd	\$0.03	\$309	
RCKC Equipment		10,300.00	Syd	\$0.35	\$3,605	
RCKC Labor/Fringe		10,300.00	Syd	\$0.28	\$2,884	
Contractor Equipment/Labor		5,400.00	Gal	\$0.24	\$1,296	
Fine Aggregate, CS2	22 Lbs / Syd	113.00	Ton	\$49.23	\$5,563	
Emulsion, CRS-2M	0.50 Gal / Syd	5,400.00	Gal	\$2.19	\$11,826	
Fog Seal	0.14 Gal / Syd	10,300.00	Syd	\$0.25	\$2,575	
Estimated Billable Cost					\$29,707	
Cost Recovery - Billable (8.68%)					\$2,579	
Total Estimated Billable Cost					\$32,286	

Total Estimated Project Cost					\$35,709	
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Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 31st Street - O Avenue to N Avenue

Project Description: Crack Fill

Project Length: 0.75 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		79.00	Station	\$30.00	\$2,370	
Estimated Nonbillable Cost					\$2,370	
Cost Recovery - Nonbillable (8.68%)					\$206	
Total Estimated Nonbillable Cost					\$2,576	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	2,625.00	Lbs	\$1.29	\$3,386	
Estimated Billable Cost					\$3,386	
Cost Recovery - Billable (8.68%)					\$294	
Total Estimated Billable Cost					\$3,680	
Total Estimated Project Cost					\$6,256	



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: R Avenue - 29th Street to 32nd Street

Project Description: Crack Fill

Project Length: 1.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		158.00	Station	\$30.00	\$4,740	
Estimated Nonbillable Cost					\$4,740	
Cost Recovery - Nonbillable (8.68%)					\$411	
Total Estimated Nonbillable Cost					\$5,151	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	5,236.74	Lbs	\$1.29	\$6,755	
Estimated Billable Cost					\$6,755	
Cost Recovery - Billable (8.68%)					\$586	
Total Estimated Billable Cost					\$7,341	
Total Estimated Project Cost					\$12,492	



Road Commission of Kalamazoo County
4400 South 26th Street
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 26th Street - S Avenue to RS Avenue

Project Description: Crack Fill

Project Length: 0.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		53.00	Station	\$30.00	\$1,590	
Estimated Nonbillable Cost					\$1,590	
Cost Recovery - Nonbillable (8.68%)					\$138	
Total Estimated Nonbillable Cost					\$1,728	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	1,750.00	Lbs	\$1.29	\$2,258	
Estimated Billable Cost					\$2,258	
Cost Recovery - Billable (8.68%)					\$196	
Total Estimated Billable Cost					\$2,454	
Total Estimated Project Cost					\$4,182	



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: RS Avenue - 25th Street to 28th Street

Project Description: Crack Fill

Project Length: 1.25 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		132.00	Station	\$30.00	\$3,960	
Estimated Nonbillable Cost					\$3,960	
Cost Recovery - Nonbillable (8.68%)					\$344	
Total Estimated Nonbillable Cost					\$4,304	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	4,375.00	Lbs	\$1.29	\$5,644	
Estimated Billable Cost					\$5,644	
Cost Recovery - Billable (8.68%)					\$490	
Total Estimated Billable Cost					\$6,134	
Total Estimated Project Cost					\$10,438	



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 31st Street - Q Avenue to OP Avenue

Project Description: Crack Fill

Project Length: 1.25 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		132.00	Station	\$30.00	\$3,960	
Estimated Nonbillable Cost					\$3,960	
Cost Recovery - Nonbillable (8.68%)					\$344	
Total Estimated Nonbillable Cost					\$4,304	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	4,375.00	Lbs	\$1.29	\$5,644	
Estimated Billable Cost					\$5,644	
Cost Recovery - Billable (8.68%)					\$490	
Total Estimated Billable Cost					\$6,134	
Total Estimated Project Cost					\$10,438	



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 33rd Street - O Avenue to N Avenue

Project Description: Crack Fill

Project Length: 0.75 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		79.00	Station	\$30.00	\$2,370	No charge
Estimated Nonbillable Cost					\$2,370	
Cost Recovery - Nonbillable (8.68%)					\$206	
Total Estimated Nonbillable Cost					\$2,576	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	2,625.00	Lbs	\$1.29	\$3,386	
Estimated Billable Cost					\$3,386	
Cost Recovery - Billable (8.68%)					\$294	
Total Estimated Billable Cost					\$3,680	
Total Estimated Project Cost					\$6,256	



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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: ON Avenue - 28th Street to 29th Street

Project Description: Crack Fill

Project Length: 0.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		53.00	Station	\$30.00	\$1,590	No charge
Estimated Nonbillable Cost					\$1,590	
Cost Recovery - Nonbillable (8.68%)					\$138	
Total Estimated Nonbillable Cost					\$1,728	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	1,750.00	Lbs	\$1.29	\$2,258	
Estimated Billable Cost					\$2,258	
Cost Recovery - Billable (8.68%)					\$196	
Total Estimated Billable Cost					\$2,454	
Total Estimated Project Cost					\$4,182	



Road Commission of Kalamazoo County
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township
O Avenue – 26th Street to 28th Street
Location: 28th Street – O Avenue to ON Avenue

Project Description: Crack Fill

Project Length: 1.25 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		132.00	Station	\$30.00	\$3,960	No charge
Estimated Nonbillable Cost					\$3,960	
Cost Recovery - Nonbillable (8.68%)					\$344	
Total Estimated Nonbillable Cost					\$4,304	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	4,375.00	Lbs	\$1.29	\$5,644	
Estimated Billable Cost					\$5,644	
Cost Recovery - Billable (8.68%)					\$490	
Total Estimated Billable Cost					\$6,134	
Total Estimated Project Cost					\$10,438	



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: O Avenue - 25th Street to 26th Street

Project Description: Crack Fill

Project Length: 0.75 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		79.00	Station	\$30.00	\$2,370	No charge
Estimated Nonbillable Cost					\$2,370	
Cost Recovery - Nonbillable (8.68%)					\$206	
Total Estimated Nonbillable Cost					\$2,576	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	2,625.00	Lbs	\$1.29	\$3,386	
Estimated Billable Cost					\$3,386	
Cost Recovery - Billable (8.68%)					\$294	
Total Estimated Billable Cost					\$3,680	
Total Estimated Project Cost					\$6,256	



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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: O Avenue - 2,640' west of 25th Street to 25th Street

Project Description: Crack Fill

Project Length: 0.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		53.00	Station	\$30.00	\$1,590	No charge
Estimated Nonbillable Cost					\$1,590	
Cost Recovery - Nonbillable (8.68%)					\$138	
Total Estimated Nonbillable Cost					\$1,728	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	1,750.00	Lbs	\$1.29	\$2,258	
Estimated Billable Cost					\$2,258	
Cost Recovery - Billable (8.68%)					\$196	
Total Estimated Billable Cost					\$2,454	
Total Estimated Project Cost					\$4,182	



Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: T Avenue - 32nd Street to 34th Street

Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		106.00	Station	\$30.00	\$3,180	
Shoulder, Gravel, 23A		60.00	Ton	\$14.00	\$840	
Shoulder, Gravel, Placement		20.00	Station	\$35.00	\$700	
Pavement Marking		5,280.00	Ft	\$0.10	\$528	
Estimated Nonbillable Cost					\$5,248	
Cost Recovery - Nonbillable (8.68%)					\$456	
Total Estimated Nonbillable Cost					\$5,704	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Medium	1,500.00	Lbs	\$1.29	\$1,935	
HMA, 36A Mod, Wedging		200.00	Ton	\$99.00	\$19,800	
RCKC Sweeping		12,907.00	Syd	\$0.03	\$387	
RCKC Equipment		12,907.00	Syd	\$0.35	\$4,517	
RCKC Labor/Fringe		12,907.00	Syd	\$0.28	\$3,614	
Contractor Equipment/Labor		6,747.00	Gal	\$0.24	\$1,619	
Fine Aggregate, CS2	22 Lbs / Syd	142.00	Ton	\$49.23	\$6,991	
Emulsion, CRS-2M	0.50 Gal / Syd	6,747.00	Gal	\$2.19	\$14,776	
Fog Seal	0.14 Gal / Syd	12,907.00	Syd	\$0.25	\$3,227	
Estimated Billable Cost					\$56,866	
Cost Recovery - Billable (8.68%)					\$4,936	
Total Estimated Billable Cost					\$61,802	

Total Estimated Project Cost	\$67,506
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/05/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 32nd Street - S Avenue to R Avenue

Project Description: Double Rubber Chip Seal Trial

Project Length: 1.10 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		116.00	Station	\$30.00	\$3,480	No charge
Pavement Marking		5,808.00	Ft	\$0.10	\$581	No charge
Ditch Cleanout, 6" or less		50.00	Station	\$275.00	\$13,750	No charge
Ditch Cleanout, greater than 6"		10.00	Station	\$450.00	\$4,500	No charge
Estimated Nonbillable Cost					\$22,311	
Cost Recovery - Nonbillable (8.68%)					\$1,937	
Total Estimated Nonbillable Cost					\$24,248	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		25,902.00	Syd	\$0.03	\$777	
RCKC Equipment		25,902.00	Syd	\$0.35	\$9,066	
RCKC Labor/Fringe		25,902.00	Syd	\$0.28	\$7,253	
Fine Aggregate, CS2	34 Lbs / Syd	440.00	Ton	\$63.34	\$27,870	Heated/Coated with 2% Asphalt Cement
Rubber Modified Asphalt Cement	0.65 Gal / Syd	17,675.00	Gal	\$1.10	\$19,443	
Contractor Equipment/Labor		25,902.00	Syd	\$0.88	\$22,794	Distributor / Application
Estimated Billable Cost					\$87,201	
Cost Recovery - Billable (8.68%)					\$7,569	
Total Estimated Billable Cost					\$94,770	

Total Estimated Project Cost					\$119,018	
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Estimate Date: 02/05/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 28th Street - QR Avneue to PQ Avenue - Rail Road Crossing

Project Description: HMA Overlay

Project Length: 0.02 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
		Estimated Nonbillable Cost			\$0	
		Cost Recovery - Nonbillable (8.68%)			\$0	
		Total Estimated Nonbillable Cost			\$0	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Cold Milling, HMA Surface, 2" to 4" (<1K Syd)		296.00	Syd	\$5.00	\$1,480	
HMA, Surface		23.00	Ton	\$99.00	\$2,277	
		Estimated Billable Cost			\$3,757	
		Cost Recovery - Billable (8.68%)			\$326	
		Total Estimated Billable Cost			\$4,083	
		Total Estimated Project Cost			\$4,083	



Estimate Date: 02/05/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: O Avenue - 25th Street to 26th Street -Rail Road Crossing

Project Description: HMA Overlay

Project Length: 0.02 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
		Estimated Nonbillable Cost			\$0	
		Cost Recovery - Nonbillable (8.68%)			\$0	
		Total Estimated Nonbillable Cost			\$0	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Cold Milling, HMA Surface, 2" to 4" (<1K Syd)		267.00	Syd	\$5.00	\$1,335	
HMA, Surface	165 Lbs / Syd	22.00	Ton	\$99.00	\$2,178	
		Estimated Billable Cost			\$3,513	
		Cost Recovery - Billable (8.68%)			\$305	
		Total Estimated Billable Cost			\$3,818	
Total Estimated Project Cost					\$3,818	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/05/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: 26th Street - P Avenue and O Avenue - Rail Road Crossing

Project Description: HMA Overlay

Project Length: 0.02 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
		Estimated Nonbillable Cost			\$0	
		Cost Recovery - Nonbillable (8.68%)			\$0	
		Total Estimated Nonbillable Cost			\$0	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Cold Milling, HMA Surface, 2" to 4" (<1K Syd)		289.00	Syd	\$5.00	\$1,445	
HMA, Surface	165 Lbs / Syd	23.00	Ton	\$99.00	\$2,277	
		Estimated Billable Cost			\$3,722	
		Cost Recovery - Billable (8.68%)			\$323	
		Total Estimated Billable Cost			\$4,045	
Total Estimated Project Cost					\$4,045	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2024 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/14/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Pavilion Township

Location: T Avenue - 3,500' east of 34th Street to 4,500' east of 34th Street

Project Description: HMA Wedging

Project Length: 0.19 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Pavement Marking		1,000.00	Ft	\$0.10	\$100	No charge
		3.00	Estimated Nonbillable Cost		\$100	
			Cost Recovery - Nonbillable (8.68%)		\$9	
			Total Estimated Nonbillable Cost		\$109	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
HMA, 36A Mod, Wedging		200.00	Ton	\$99.00	\$19,800	
			Estimated Billable Cost		\$19,800	
			Cost Recovery - Billable (8.68%)		\$1,719	
			Total Estimated Billable Cost		\$21,519	
		Total Estimated Project Cost			\$21,628	



LOCAL ROAD CONTRACT

THIS CONTRACT made and entered into this _____ day of _____, 2025, by and between the Board of County Road Commissioners of the County of Kalamazoo, hereinafter referred to as the "RCKC" and the **Township of Prairie Ronde**, Kalamazoo County, Michigan, hereinafter referred to as the "Township" for the purpose of fixing the rights and obligations of the parties and agreeing to the design/construction engineering and/or construction of certain improvements and contingency projects on county roads within the Township, hereinafter referred to as "Project"

WITNESSETH: WHEREAS, Section 20 of Act 51 of the Public Acts of 1951, as amended, authorizes Township Boards to appropriate general fund monies and to pay the same into the county road fund of the county for the maintenance and/or improvement of county roads within the Township, pursuant to an agreement between the Township and the RCKC; and

WHEREAS, it is mutually agreed between the RCKC and the Township that certain improvements are necessary on the county road system within the Township.

NOW, THEREFORE, IN CONSIDERATION of the promises and mutual undertakings of the parties in conformity with the applicable state laws, it is agreed:

1. The RCKC and Township agree that the scope of the work to be performed for the Project(s) identified is based on cost estimates and contingent upon how unexpected field issues are addressed. The RCKC, shall administer the Local Road Contract. The RCKC shall oversee design/construction engineering and/or construct or cause to be constructed the following road improvements and **contingency project(s) which will begin only if there are remaining funds in the Total Township Share. Contingency project(s) not completed in the current year will be carried over to the following year with the remaining costs included in the following year's Local Road Contract. Uncompleted contingency project costs will be billed the following year as the remaining work is completed.**

Y Avenue - 3rd Street to 4th Street
4th Street - YZ Avenue to Y Avenue
YZ Avenue - 4th Street to 5th Street
5th Street - YZ Avenue to YZ Avenue
YZ Avenue - 5th Street to 6th Street; Gravel Resurfacing

Project Estimate: \$249,491

Work Order # _____
(to be assigned)

VW Avenue - 8th Street to 12th Street; Crack Fill, Chip Seal

Project Estimate: \$81,545

Work Order # _____
(to be assigned)

4th Street - XY Avenue to W Avenue; Crack Fill, Chip Seal

Project Estimate: \$63,012

Work Order # _____

CONTINGENCY PROJECT(S):

5th Street - W Avenue to V Avenue; Crack Fill, Chip Seal

Project Estimate: \$0

Work Order # _____
(to be assigned)

2nd Street - U Avenue to TU Avenue; Crack Fill, Chip Seal

Project Estimate: \$0

Work Order # _____
(to be assigned)

2. The detailed estimate(s) of the cost of the Project(s) is attached hereto and incorporated herein.
3. The terms and provisions of the RCKC policies, including those provided in the annual RCKC local road information packet, are deemed to be a part of and included in this Local Road Contract as though fully set forth herein.
4. The RCKC shall provide progress billing and shall make available the accounting to the Township in accordance with the following schedule of the LOCAL ROAD CONTRACT:

Total Estimated Project Cost(s)	\$394,048.00
Total Estimated Billable Project Cost(s)	\$231,055.00
RCKC Participation Funds (to extent available)	\$103,769.95
Total Township Share	\$127,285.05

5. General Provisions:

- A. This Local Road Contract contains all the terms and conditions of the contractual relationship between the parties relating to the Project(s), and no amendments or additions to this Local Road Contract shall be binding unless they are in writing and signed by both parties. This Local Road Contract, including all attachments, supersedes all prior oral and written and all contemporaneous oral negotiations, commitments, and understandings of the parties.
 - B. This Local Road Contract shall be binding on the parties, their legal representatives, successors, and assigns.
 - C. The headings of this Local Road Contract are for convenience only and in no way define, limit, or describe the scope or intent of this Local Road Contract or any of its sections, nor do they in any way affect this Local Road Contract.
 - D. Any notice required or permitted to be given under this Local Road Contract shall be sufficient if it is in writing and if it is sent by email, or registered mail or certified mail, and return receipt requested to the **Township of Prairie Ronde** mailing address.
 - E. This Local Road Contract shall be governed by, construed, and enforced in accordance with the laws of the State of Michigan.
 - F. The invalidity of all or any part of any sections, subsections, or paragraphs of this Local Road Contract shall not invalidate the remainder of this Local Road Contract or the remainder of any paragraph or section not invalidated unless the elimination of such subsections, sections, or paragraphs shall substantially defeat the intents and purposes of the parties.
6. This Local Road Contract shall become binding on the parties hereto and be of full force and effect upon the signing thereof by the duly authorized officials of the Township and of the RCKC.
 7. The Township will be notified and agrees to authorize the Board to proceed with the award of the bids to the lowest responsive and responsible bidder unless advised in writing (by the appropriate township official by no later than the day before the Board meeting) that due to the cost of the project(s) with overhead, the cost exceeds the Local Road Contract and therefore the Township requests not to make the award to the bidder.
 8. The maximum cost to the Township for the Project(s)/Contingency Project(s) listed on this Local Road Contract will be equal to the *Total Township Share* listed above. Any costs over the Total Township Share will be carried over to the following year's Local Road Contract.
 9. The estimated Project(s) cost shall include all labor, materials, equipment, and contractor costs anticipated to be incurred in the project(s) by the Board. These items shall, in turn, include all indirect and administrative costs chargeable to the Project(s).

10. The parties hereto agree that, when and where applicable, they will comply with Executive Order 11246, Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, Title VII of the Civil Rights Act of 1964, the Americans with Disabilities Act (all of the foregoing as amended) and the applicable portions of the Michigan Elliott-Larsen Civil Rights Act and Michigan Persons with Disabilities Civil Rights Act, as well as any implementing rules and regulations. Specifically, contractors and sub-contractors are required not to discriminate against any employee or applicant for employment with respect to such person's hire, tenure, terms, conditions, or privileges of employment because of such person's race, color, religion, national origin, age, sex, sexual orientation, gender identity, disability, or protected veteran status. Breach of this provision may be regarded as a material breach of the contract or purchasing agreement and handled accordingly. Further, any violation of this provision may be separately addressed in accordance with the foregoing laws.
11. The Board shall upon reasonable notification make available in their office to representatives of the Township all records concerning the project(s) for review.

IN WITNESS WHEREOF, the parties hereto have caused this Local Road Contract to be executed on the day and year first above written.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO

TOWNSHIP OF PRAIRIE RONDE

By _____
Chair

By Michael J. Tomlin SUPERVISOR
Township Official

Date _____

Date 8/11/2025



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Kape Estimate Type: Final

Municipality: Prairie Ronde Township

Y Avenue - 3rd Street to 4th Street
4th Street - YZ Avenue to Y Avenue
YZ Avenue - 4th Street to 5th Street
5th Street - YZ Avenue to YZ Avenue

Location: YZ Avenue - 5th Street to 6th Street

Project Description: Gravel Resurfacing

Project Length: 1.65 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		175.00	Station	\$30.00	\$5,250	
Tree Pruning & Removal		70.00	Ea	\$1,200.00	\$84,000	ROW to ROW for Ditching & Stumps
Equipment, Bulldozer		20.00	Hour	\$250.00	\$5,000	Ditch Construction
Dust Control, Applied	2000 Gal./Mile	3,300.00	Gal	\$0.21	\$693	
Ditch Cleanout, greater than 6"		50.00	Station	\$450.00	\$22,500	
Ditch Cleanout, 6" or less		25.00	Station	\$275.00	\$6,875	
Culvert, Remove		5.00	Ea	\$515.00	\$2,575	
Culvert, CMP, 12"		600.00	Ft	\$8.00	\$4,800	Driveway Culverts
Culvert End/Section, CMP, 12"		40.00	Ea	\$50.00	\$2,000	Driveway Culverts
Culvert, CMP, 15"		200.00	Ft	\$10.00	\$2,000	Cross Culverts
Culvert End/Section, CMP, 15"		8.00	Ea	\$60.00	\$480	Cross Culverts
Culvert, CMP, 18"		50.00	Ft	\$12.00	\$600	Cross Culverts
Culvert End/Section, CMP, 18"		2.00	Ea	\$70.00	\$140	Cross Culverts

Estimated Nonbillable Cost \$136,913

Cost Recovery - Nonbillable (8.68%) \$11,884

Total Estimated Nonbillable Cost \$148,797

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Aggregate, Gravel, 22A		4,555.00	Ton	\$17.30	\$78,802	Compact in Place- NRK includes drive adj
Driveway Adjust, Concrete		1.00	Ea	\$575.00	\$575	Needs Cut for Culvert
Driveway Adjust, HMA		2.00	Ea	\$250.00	\$500	Needs Cut for Culvert
Mailbox, Adjust		16.00	Ea	\$125.00	\$2,000	
Saw Cutting		3.00	Ea	\$250.00	\$750	Driveway Cuts
Embankment		5.00	Station	\$500.00	\$2,500	
Riprap, Plain		50.00	Syd	\$75.00	\$3,750	Culvert Ends
Roadside Restoration		10.00	Station	\$225.00	\$2,250	
HMA, Surface		20.00	Ton	\$76.25	\$1,525	Driveway Ends

Estimated Billable Cost \$92,852

Cost Recovery - Billable (8.68%) \$8,042

Total Estimated Billable Cost \$100,894

Total Estimated Project Cost \$249,491



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Kape Estimate Type: Final

Municipality: Prairie Ronde Township

Location: VW Avenue - 8th Street to 12th Street

Project Description: Crack Fill, Chip Seal

Project Length: 2.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		210.00	Station	\$30.00	\$6,300	
Pavement Marking		10,560.00	Ft	\$0.10	\$1,056	
Estimated Nonbillable Cost					\$7,356	
Cost Recovery - Nonbillable (8.68%)					\$639	
Total Estimated Nonbillable Cost					\$7,995	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Medium	3,000.00	Lbs	\$1.29	\$3,870	
RCKC Sweeping		25,813.00	Syd	\$0.03	\$774	
RCKC Equipment		25,813.00	Syd	\$0.35	\$9,035	
RCKC Labor/Fringe		25,813.00	Syd	\$0.28	\$7,228	
Contractor Equipment/Labor		13,493.00	Gal	\$0.24	\$3,238	
Fine Aggregate, CS2	22 Lbs / Syd	284.00	Ton	\$49.23	\$13,981	
Emulsion, CRS-2M	0.50 Gal / Syd	13,493.00	Gal	\$2.19	\$29,550	
Estimated Billable Cost					\$67,676	
Cost Recovery - Billable (8.68%)					\$5,874	
Total Estimated Billable Cost					\$73,550	
Total Estimated Project Cost					\$81,545	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Kape Estimate Type: Final

Municipality: Prairie Ronde Township

Location: 4th Street - XY Avenue to W Avenue

Project Description: Crack Fill, Chip Seal

Project Length: 1.55 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		163.00	Station	\$30.00	\$4,890	
Pavement Marking		8,160.00	Ft	\$0.10	\$816	
Estimated Nonbillable Cost					\$5,706	
Cost Recovery - Nonbillable (8.68%)					\$495	
Total Estimated Nonbillable Cost					\$6,201	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Medium	2,318.18	Lbs	\$1.29	\$2,990	
RCKC Sweeping		19,947.00	Syd	\$0.03	\$598	
RCKC Equipment		19,947.00	Syd	\$0.35	\$6,981	
RCKC Labor/Fringe		19,947.00	Syd	\$0.28	\$5,585	
Contractor Equipment/Labor		10,427.00	Gal	\$0.24	\$2,502	
Fine Aggregate, CS2	22 Lbs / Syd	219.00	Ton	\$49.23	\$10,781	
Emulsion, CRS-2M	0.50 Gal / Syd	10,427.00	Gal	\$2.19	\$22,835	
Estimated Billable Cost					\$52,274	
Cost Recovery - Billable (8.68%)					\$4,537	
Total Estimated Billable Cost					\$56,811	
Total Estimated Project Cost					\$63,012	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Kape Estimate Type: Final

Municipality: Prairie Ronde Township

Location: 5th Street - W Avenue to V Avenue

Project Description: Crack Fill, Chip Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		105.00	Station	\$30.00	\$3,150	
Pavement Marking		5,300.00	-Ft	\$0.10	\$530	
Estimated Nonbillable Cost					\$3,680	
Cost Recovery - Nonbillable (8.68%)					\$319	
Total Estimated Nonbillable Cost					\$3,999	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	3,513.26	Lbs	\$1.29	\$4,532	
RCKC Sweeping		12,367.00	Syd	\$0.03	\$371	
RCKC Equipment		12,367.00	Syd	\$0.35	\$4,328	
RCKC Labor/Fringe		12,367.00	Syd	\$0.28	\$3,463	
Contractor Equipment/Labor		6,478.00	Gal	\$0.24	\$1,555	
Fine Aggregate, CS2	22 Lbs / Syd	136.00	Ton	\$49.23	\$6,695	
Emulsion, CRS-2M	0.50 Gal / Syd	6,478.00	Gal	\$2.19	\$14,187	
Estimated Billable Cost					\$35,131	
Cost Recovery - Billable (8.68%)					\$3,049	
Total Estimated Billable Cost					\$38,180	
Total Estimated Project Cost					\$42,179	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Kape Estimate Type: Final

Municipality: Prairie Ronde Township

Location: 2nd Street - U Avenue to TU Avenue

Project Description: Crack Fill, Chip Seal

Project Length: 0.77 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder Remove		80.00	Station	\$30.00	\$2,400	
Pavement Marking		4,040.00	Ft	\$0.10	\$404	
Estimated Nonbillable Cost					\$2,804	
Cost Recovery - Nonbillable (8.68%)					\$243	
Total Estimated Nonbillable Cost					\$3,047	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Medium	1,147.73	Lbs	\$1.29	\$1,481	
RCKC Sweeping		10,127.00	Syd	\$0.03	\$304	
RCKC Equipment		10,127.00	Syd	\$0.35	\$3,544	
RCKC Labor/Fringe		10,127.00	Syd	\$0.28	\$2,836	
Contractor Equipment/Labor		5,288.00	Gal	\$0.24	\$1,269	
Fine Aggregate, CS2	22 Lbs / Syd	111.00	Ton	\$49.23	\$5,465	
Emulsion, CRS-2M	0.50 Gal / Syd	5,288.00	Gal	\$2.19	\$11,581	
Estimated Billable Cost					\$26,479	
Cost Recovery - Billable (8.68%)					\$2,298	
Total Estimated Billable Cost					\$28,777	
Total Estimated Project Cost					\$31,824	



LOCAL ROAD CONTRACT

THIS CONTRACT made and entered into this _____ day of _____, 2025, by and between the Board of County Road Commissioners of the County of Kalamazoo, hereinafter referred to as the "RCKC" and the **Township of Ross**, Kalamazoo County, Michigan, hereinafter referred to as the "Township" for the purpose of fixing the rights and obligations of the parties and agreeing to the design/construction engineering and/or construction of certain improvements on county roads within the Township, hereinafter referred to as "Project".

WITNESSETH: WHEREAS, Section 20 of Act 51 of the Public Acts of 1951, as amended, authorizes Township Boards to appropriate general fund monies and to pay the same into the county road fund of the county for the maintenance and/or improvement of county roads within the Township, pursuant to an agreement between the Township and the RCKC; and

WHEREAS, it is mutually agreed between the RCKC and the Township that certain improvements are necessary on the county road system within the Township.

NOW, THEREFORE, IN CONSIDERATION of the promises and mutual undertakings of the parties in conformity with the applicable state laws, it is agreed:

1. The RCKC and Township agree that the scope of the work to be performed for the Project(s) identified is based on cost estimates and contingent upon how unexpected field issues are addressed. The RCKC, shall administer the Local Road Contract. The RCKC shall oversee design/construction engineering and/or construct or cause to be constructed the following road improvements:

38th Street – 528' south of G Avenue to G Avenue; *Gravel, Pulverize, HMA Base and Surface Paving*

Project Estimate: \$116,329

Work Order # _____

(to be assigned)

B Avenue – 40th Street to 42nd Street; *Chip Seal, Fog Seal*

Project Estimate: \$31,064

Work Order # _____

(to be assigned)

38th Street – Gull Lake Drive East to C Avenue; *Chip Seal, Fog Seal*

Project Estimate: \$70,593

Work Order # _____

(to be assigned)

46th Street – M-89 to C Avenue; *Chip Seal, Fog Seal*

Project Estimate: \$43,194

Work Order # _____

(to be assigned)

CD Avenue – 46th Street to 48th Street; *Chip Seal, Fog Seal*

Project Estimate: \$35,519

Work Order # _____

(to be assigned)

47th Street – B Avenue to Baseline Road; *Crack Fill*

Project Estimate: \$6,256

Work Order # _____

(to be assigned)

Baseline Road – 44th Street to 47th Street; *Crack Fill*

Project Estimate: \$10,846

Work Order # _____

(to be assigned)

43rd Street – B Avenue to 4,171' north of B Avenue; *Crack Fill*

Project Estimate: \$6,583

Work Order # _____

(to be assigned)

2. The detailed estimate(s) of the cost of the Project(s) is attached hereto and incorporated herein.
3. The terms and provisions of the RCKC policies, including those provided in the annual RCKC local road information packet, are deemed to be a part of and included in this Local Road Contract as though fully set forth herein.
4. The RCKC shall provide progress billing and shall make available the accounting to the Township in accordance with the following schedule of the LOCAL ROAD CONTRACT:

Total Estimated Project Cost(s)	\$320,384
<i>Total Estimated Billable Project Cost(s)</i>	\$226,168
RCKC Participation Funds (to extent available)	\$113,084
<i>Total Township Share</i>	\$113,084

5. General Provisions:

- A. This Local Road Contract contains all of the terms and conditions of the contractual relationship between the parties relating to the Project(s), and no amendments or additions to this Local Road Contract shall be binding unless they are in writing and signed by both parties. This Agreement, including all attachments, supersedes all prior oral and written and all contemporaneous oral negotiations, commitments, and understandings of the parties.
 - B. This Local Road Contract shall be binding on the parties, their legal representatives, successors, and assigns.
 - C. The headings of this Local Road Contract are for convenience only and in no way define, limit, or describe the scope or intent of this Local Road Contract or any of its sections, nor do they in any way affect this Local Road Contract.
 - D. Any notice required or permitted to be given under this Local Road Contract shall be sufficient if it is in writing and if it is sent by email, or registered mail or certified mail, and return receipt requested to the **Township of Ross** mailing address.
 - E. This Local Road Contract shall be governed by, construed, and enforced in accordance with the laws of the State of Michigan.
 - F. The invalidity of all or any part of any sections, subsections, or paragraphs of this Local Road Contract shall not invalidate the remainder of this Local Road Contract or the remainder of any paragraph or section not invalidated unless the elimination of such subsections, sections, or paragraphs shall substantially defeat the intents and purposes of the parties.
6. This Local Road Contract shall become binding on the parties hereto and be of full force and effect upon the signing thereof by the duly authorized officials of the Township and of the RCKC.
 7. The Township will be notified and agrees to authorize the Board to proceed with the award of the bids to the lowest responsive and responsible bidder unless advised in writing (by the appropriate township official by no later than the day before the Board meeting) that due to the cost of the project(s) with overhead, the cost exceeds the local road contract and therefore the township requests not to make the award to the bidder.
 8. The maximum cost to the township for the Project(s) is the amount itemized as the estimated project(s) cost on the Local Road Contract.
 9. The estimated Project(s) cost shall include all labor, materials, equipment, and contractor costs anticipated to be incurred in the project(s) by the Board. These items shall, in turn, include all indirect and administrative costs chargeable to the Project(s).

10. The parties hereto agree that, when and where applicable, they will comply with Executive Order 11246, Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, Title VII of the Civil Rights Act of 1964, the Americans with Disabilities Act (all of the foregoing as amended) and the applicable portions of the Michigan Elliott-Larsen Civil Rights Act and Michigan Persons with Disabilities Civil Rights Act, as well as any implementing rules and regulations. Specifically, contractors and sub-contractors are required not to discriminate against any employee or applicant for employment with respect to such person's hire, tenure, terms, conditions, or privileges of employment because of such person's race, color, religion, national origin, age, sex, sexual orientation, gender identity, disability, or protected veteran status. Breach of this provision may be regarded as a material breach of the contract or purchasing agreement and handled accordingly. Further, any violation of this provision may be separately addressed in accordance with the foregoing laws.
11. The Board shall upon reasonable notification make available in their office to representatives of the Township all records concerning the project(s) for review.

IN WITNESS WHEREOF, the parties hereto have caused this Local Road Contract to be executed on the day and year first above written.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO

By _____
Chair

Date _____

TOWNSHIP OF ROSS

By Christina M. Hutchings
Township Official

Date 2/24/2024



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Kape Estimate Type: Final

Municipality: Ross Township

Location: 38th Street - 528' south of G Avenue to G Avenue

Project Description: Gravel, Pulverize, HMA Base and Surface Paving

Project Length: 0.10 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	
HMA Crushing and Shaping (2.5k - 5K Syd)		1,500.00	Syd	\$4.92	\$7,380	
High Shoulder, Remove		11.00	Station	\$30.00	\$330	
Pavement Marking		528.00	Ft	\$0.10	\$53	
Tree Pruning & Removal		40.00	Ea	\$1,200.00	\$48,000	ROW to ROW (poss. adding ditching)
Ditch Cleanout, 6" or less		11.00	Station	\$275.00	\$3,025	
Ditch Cleanout, greater than 6"		2.00	Station	\$450.00	\$900	
Culvert, CMP, 12"		150.00	Ft	\$8.00	\$1,200	
Culvert End Section, CMP, 12"		10.00	Ea	\$50.00	\$500	
Culvert, CMP, 15"		50.00	Ft	\$10.00	\$500	
Culvert End Section, CMP, 15"		2.00	Ea	\$60.00	\$120	
Estimated Nonbillable Cost					\$62,008	
Cost Recovery - Nonbillable (8.68%)					\$5,382	
Total Estimated Nonbillable Cost					\$67,390	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Aggregate, Gravel, 22A		200.00	Ton	\$17.30	\$3,460	4in for Pulverize
Driveway Adjust, Concrete		1.00	Ea	\$575.00	\$575	
Driveway Adjust, HMA		1.00	Ea	\$250.00	\$250	
Mailbox, Adjust		3.00	Ea	\$125.00	\$375	
Fine Grading (RCKC)	20 Hrs / Mile	4.00	Hour	\$132.00	\$528	
Dust Control, Applied	2000 Gal / Mile	500.00	Gal	\$0.21	\$105	
Equipment, Roller, Sheep's Foot		10.00	Hour	\$300.00	\$3,000	Post-Pulverize
Equipment, Roller, Compactor		10.00	Hour	\$150.00	\$1,500	Final Grade
Equipment, Motor Grader, Scarifier		10.00	Hour	\$250.00	\$2,500	Final Grade
Shoulder, Gravel, 23A		50.00	Ton	\$17.50	\$875	includes driveways
Shoulder, Gravel, Placement		11.00	Station	\$61.00	\$671	
Roadside Restoration		11.00	Station	\$225.00	\$2,475	
HMA, Base		170.00	Ton	\$76.25	\$12,963	includes driveways
HMA, Surface		170.00	Ton	\$76.25	\$12,963	includes driveways
Fog Seal, Construction Joint		528.00	Ft	\$0.17	\$90	
Offsets and Centerline Stakes		3.00	Ea	\$750.00	\$2,250	
Estimated Billable Cost					\$45,030	
Cost Recovery - Billable (8.68%)					\$3,909	
Total Estimated Billable Cost					\$48,939	

Total Estimated Project Cost	\$116,329
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Kape Estimate Type: Final

Municipality: Ross Township

Location: B Avenue - 40th Street to 42nd Street

Project Description: Chip Seal, Fog Seal

Project Length: 0.77 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		81.00	Station	\$30.00	\$2,430	No charge
Pavement Marking		4,050.00	Ft	\$0.10	\$405	No charge
Estimated Nonbillable Cost					\$2,835	
Cost Recovery - Nonbillable (8.68%)					\$246	
Total Estimated Nonbillable Cost					\$3,081	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		9,450.00	Syd	\$0.03	\$284	
RCKC Equipment		9,450.00	Syd	\$0.35	\$3,308	
RCKC Labor/Fringe		9,450.00	Syd	\$0.28	\$2,646	
Contractor Equipment/Labor		4,950.00	Gal	\$0.24	\$1,188	
Fine Aggregate, CS2	22 Lbs / Syd	104.00	Ton	\$49.23	\$5,120	
Emulsion, CRS-2M	0.50 Gal / Syd	4,950.00	Gal	\$2.19	\$10,841	
Fog Seal	0.14 Gal / Syd	9,450.00	Syd	\$0.25	\$2,363	
Estimated Billable Cost					\$25,748	
Cost Recovery - Billable (8.68%)					\$2,235	
Total Estimated Billable Cost					\$27,983	
Total Estimated Project Cost					\$31,064	



Road Commission of Kalamazoo County
4400 South 26th Street
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www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Ross Township

Location: 38th Street - Gull Lake Drive East to C Avenue

Project Description: Chip Seal, Fog Seal

Project Length: 1.53 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		162.00	Station	\$30.00	\$4,860	No charge
Pavement Marking		8,100.00	Ft	\$0.10	\$810	No charge
Estimated Nonbillable Cost					\$5,670	
Cost Recovery - Nonbillable (8.68%)					\$492	
Total Estimated Nonbillable Cost					\$6,162	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		21,824.00	Syd	\$0.03	\$655	
RCKC Equipment		21,824.00	Syd	\$0.35	\$7,638	
RCKC Labor/Fringe		21,824.00	Syd	\$0.28	\$6,111	
Contractor Equipment/Labor		11,362.00	Gal	\$0.24	\$2,727	
Fine Aggregate, CS2	22 Lbs / Syd	240.00	Ton	\$49.23	\$11,815	
Emulsion, CRS-2M	0.50 Gal / Syd	11,362.00	Gal	\$2.19	\$24,883	
Fog Seal		21,824.00		\$0.25	\$5,456	
Estimated Billable Cost					\$59,285	
Cost Recovery - Billable (8.68%)					\$5,146	
Total Estimated Billable Cost					\$64,431	
Total Estimated Project Cost					\$70,593	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Ross Township

Location: 46th Street - M-89 to C Avenue

Project Description: Chip Seal, Fog Seal

Project Length: 0.95 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		100.00	Station	\$30.00	\$3,000	No charge
Pavement Marking		5,000.00	Ft	\$0.10	\$500	No charge
Estimated Nonbillable Cost					\$3,500	
Cost Recovery - Nonbillable (8.68%)					\$304	
Total Estimated Nonbillable Cost					\$3,804	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		13,333.00	Syd	\$0.03	\$400	
RCKC Equipment		13,333.00	Syd	\$0.35	\$4,667	
RCKC Labor/Fringe		13,333.00	Syd	\$0.28	\$3,733	
Contractor Equipment/Labor		6,944.00	Gal	\$0.24	\$1,667	
Fine Aggregate, CS2	22 Lbs / Syd	147.00	Ton	\$49.23	\$7,237	
Emulsion, CRS-2M	0.50 Gal / Syd	6,944.00	Gal	\$2.19	\$15,207	
Fog Seal		13,333.00		\$0.25	\$3,333	
Estimated Billable Cost					\$36,244	
Cost Recovery - Billable (8.68%)					\$3,146	
Total Estimated Billable Cost					\$39,390	
Total Estimated Project Cost					\$43,194	



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4400 South 26th Street
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www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Ross Township

Location: CD Avenue - 46th Street to 48th Street

Project Description: Chip Seal, Fog Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		106.00	Station	\$30.00	\$3,180	No charge
Pavement Marking		5,280.00	Ft	\$0.10	\$528	No charge
Estimated Nonbillable Cost					\$3,708	
Cost Recovery - Nonbillable (8.68%)					\$322	
Total Estimated Nonbillable Cost					\$4,030	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		14,080.00	Syd	\$0.03	\$422	
RCKC Equipment		14,080.00	Syd	\$0.35	\$4,928	
RCKC Labor/Fringe		14,080.00	Syd	\$0.28	\$3,942	
Contractor Equipment/Labor		4,253.00	Gal	\$0.24	\$1,021	
Fine Aggregate, CST	18 Lbs / Syd	127.00	Ton	\$49.20	\$6,248	
Emulsion, CRS-2M	0.29 Gal / Syd	4,253.00	Gal	\$2.19	\$9,314	
Fog Seal		14,080.00		\$0.22	\$3,098	
Estimated Billable Cost					\$28,974	
Cost Recovery - Billable (8.68%)					\$2,515	
Total Estimated Billable Cost					\$31,489	
Total Estimated Project Cost					\$35,519	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Ross Township

Location: 47th Street - B Avenue to Baseline Road

Project Description: Crack Fill

Project Length: 0.75 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		79.00	Station	\$30.00	\$2,370	No charge
Estimated Nonbillable Cost					\$2,370	
Cost Recovery - Nonbillable (8.68%)					\$206	
Total Estimated Nonbillable Cost					\$2,576	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	2,625.00	Lbs	\$1.29	\$3,386	
Estimated Billable Cost					\$3,386	
Cost Recovery - Billable (8.68%)					\$294	
Total Estimated Billable Cost					\$3,680	
Total Estimated Project Cost					\$6,256	



Road Commission of Kalamazoo County
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Ross Township

Location: Baseline Road - 44th Street to 47th Street

Project Description: Crack Fill

Project Length: 1.30 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		137.00	Station	\$30.00	\$4,110	No charge
Estimated Nonbillable Cost					\$4,110	
Cost Recovery - Nonbillable (8.68%)					\$357	
Total Estimated Nonbillable Cost					\$4,467	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	4,550.00	Lbs	\$1.29	\$5,870	
Estimated Billable Cost					\$5,870	
Cost Recovery - Billable (8.68%)					\$509	
Total Estimated Billable Cost					\$6,379	

Total Estimated Project Cost					\$10,846	
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/20/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Ross Township

Location: 43rd Street - B Avenue to 4,171' north of B Avenue

Project Description: Crack Fill

Project Length: 0.79 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		83.00	Station	\$30.00	\$2,490	No charge
Estimated Nonbillable Cost					\$2,490	
Cost Recovery - Nonbillable (8.68%)					\$216	
Total Estimated Nonbillable Cost					\$2,706	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	2,764.87	Lbs	\$1.29	\$3,567	
Estimated Billable Cost					\$3,567	
Cost Recovery - Billable (8.68%)					\$310	
Total Estimated Billable Cost					\$3,877	
Total Estimated Project Cost					\$6,583	



LOCAL ROAD CONTRACT

THIS CONTRACT made and entered into this _____ day of _____, 2025, by and between the Board of County Road Commissioners of the County of Kalamazoo, hereinafter referred to as the "RCKC" and the Township of Texas, Kalamazoo County, Michigan, hereinafter referred to as the "Township" for the purpose of fixing the rights and obligations of the parties and agreeing to the design/construction engineering and/or construction of certain improvements and contingency projects on county roads within the Township, hereinafter referred to as "Project"

WITNESSETH: WHEREAS, Section 20 of Act 51 of the Public Acts of 1951, as amended, authorizes Township Boards to appropriate general fund monies and to pay the same into the county road fund of the county for the maintenance and/or improvement of county roads within the Township, pursuant to an agreement between the Township and the RCKC; and

WHEREAS, it is mutually agreed between the RCKC and the Township that certain improvements are necessary on the county road system within the Township.

NOW, THEREFORE, IN CONSIDERATION of the promises and mutual undertakings of the parties in conformity with the applicable state laws, it is agreed:

1. The RCKC and Township agree that the scope of the work to be performed for the Project(s) identified is based on cost estimates and contingent upon how unexpected field issues are addressed. The RCKC, shall administer the Local Road Contract. The RCKC shall oversee design/construction engineering and/or construct or cause to be constructed the following road improvements and contingency project(s) which will begin only if there are remaining funds in the Total Township Share. Contingency project(s) not completed in the current year will be carried over to the following year with the remaining costs included in the following year's Local Road Contract. Uncompleted contingency project costs will be billed the following year as the remaining work is completed.

6th Street (South Crooked Lake Drive) - Q Avenue to 742' North of Q Avenue; Crack Fill, HMA Wedging, Chip Seal, Fog Seal

Project Estimate: \$11,476

Work Order # _____
(to be assigned)

Vineyard Parkway - 720' south of Q Avenue to Q Avenue; Crack Fill, Chip Seal, Fog Seal

Project Estimate: \$9,199

Work Order # _____
(to be assigned)

2nd Street - S Avenue to RS Avenue; Crack Fill, HMA Wedging, Chip Seal, Fog Seal

Project Estimate: \$50,423

Work Order # _____
(to be assigned)

**7th Street - Q Avenue to East Crooked Lake Drive,
Crooked Lake Drive East - 800' west of 7th Street to 7th Street,
East Crooked Lake Drive - 7th Street to 2,573' north of 7th Street; Crack Fill, Chip Seal, Fog Seal**

Project Estimate: \$41,067

Work Order # _____
(to be assigned)

DNR Street - 1,050' South of OP Avenue to OP Avenue; Crack Fill, Chip Seal, Fog Seal

Project Estimate: \$8,422

Work Order # _____
(to be assigned)

Torrey Pines Drive - Cypress Bay Drive to Veronica Street
Stapleton Drive - Torrey Pines Drive to 12th Street
Stoneybrook Road - Burning Tree Road (West) to 12th Street
Hunters Ridge Drive - Heathrow Avenue to Cypress Bay Drive
Snowbird Court - Hunters Ridge Drive to 565' east of Hunters Ridge Drive
Telluride Drive - 1,088' west of Hunters Ridge Drive to Hunters Ridge Drive; *HMA Overlay*

Project Estimate: \$553,622

Work Order # _____
(to be assigned)

Veronica Street - Cypress Bay Drive to Queen Victoria Lane
Lewsinda Avenue (west) - 213' west of Marsha Street to Veronica Street
Marsha Street - Lewsinda Avenue to 135' north of Lewsinda Avenue
Lewsinda Avenue (east) - Veronica Street to 12th Street
Anthony Street - Lewsinda Avenue to 121' north of Lewsinda Avenue; *HMA Overlay*

Project Estimate: \$315,995

Work Order # _____
(to be assigned)

10th Street - R Avenue to Q Avenue; *Crack Fill, Chip Seal, Fog Seal*

Project Estimate: \$39,354

Work Order # _____
(to be assigned)

PQ Avenue - 7,920' west of 3rd Street to 3rd Street; *Crack Fill, HMA Wedging, Chip Seal, Fog Seal*

Project Estimate: \$80,938

Work Order # _____
(to be assigned)

Vankal Street - RS Avenue to Q Avenue; *HMA Overlay*

Project Estimate: \$309,749

Work Order # _____
(to be assigned)

Glenwynd Drive - 6th Street to O Avenue; *Crack Fill, Chip Seal, Fog Seal*

Project Estimate: \$28,594

Work Order # _____
(to be assigned)

RS Avenue - 2nd Street to 6th Street; *Crack Fill, Chip Seal, Fog Seal*

Project Estimate: \$68,430

Work Order # _____
(to be assigned)

Chadeau Avenue - Norcross Street to 10th Street,
Norcross Street - 308' south of Kieth Court to 400' North of Keith Court,
Keith Court - Norcross Street to 400' east of Norcross Street,
Omega Street - Chadeau Avenue to 169' north of Chadeau Avenue; *Crack Fill, Chip Seal, Fog Seal*

Project Estimate: \$24,483

Work Order # _____
(to be assigned)

Treasure Island Drive - Pepper Avenue to 2,544' north of Pepper Avenue,
Pepper Avenue - Treasure Island Drive to 667' east of Finnagen Street,
Woods Drive - Treasure Island Drive to 934' north of Treasure Island Drive,
Finnagen Street - PQ Avenue to Pepper Avenue; *Crack Fill, Chip Seal, Fog Seal*

Project Estimate: \$58,432

Work Order # _____
(to be assigned)

10th Street - Q Avenue to Texas Drive; *Crack Fill, Chip Seal, Fog Seal*

Project Estimate: \$53,501

Work Order # _____
(to be assigned)

CONTINGENCY PROJECT(S):

VanKal Street – 7,920' south of RS Avenue to RS Avenue; HMA Overlay

Project Estimate: \$0

Work Order # _____

(to be assigned)

2. The detailed estimate(s) of the cost of the Project(s) is attached hereto and incorporated herein.
3. The terms and provisions of the RCKC policies, including those provided in the annual RCKC local road information packet, are deemed to be a part of and included in this Local Road Contract as though fully set forth herein.
4. The RCKC shall provide progress billing and shall make available the accounting to the Township in accordance with the following schedule of the LOCAL ROAD CONTRACT:

Total Estimated Project Cost(s)	\$1,653,685
Total Estimated Billable Project Cost(s)	\$1,450,798
RCKC Participation Funds (to extent available)	\$311,448
Total Township Share	\$1,139,350

5. General Provisions:

- A. This Local Road Contract contains all the terms and conditions of the contractual relationship between the parties relating to the Project(s), and no amendments or additions to this Local Road Contract shall be binding unless they are in writing and signed by both parties. This Local Road Contract, including all attachments, supersedes all prior oral and written and all contemporaneous oral negotiations, commitments, and understandings of the parties.
 - B. This Local Road Contract shall be binding on the parties, their legal representatives, successors, and assigns.
 - C. The headings of this Local Road Contract are for convenience only and in no way define, limit, or describe the scope or intent of this Local Road Contract or any of its sections, nor do they in any way affect this Local Road Contract.
 - D. Any notice required or permitted to be given under this Local Road Contract shall be sufficient if it is in writing and if it is sent by email, or registered mail or certified mail, and return receipt requested to the **Township of Texas** mailing address.
 - E. This Local Road Contract shall be governed by, construed, and enforced in accordance with the laws of the State of Michigan.
 - F. The invalidity of all or any part of any sections, subsections, or paragraphs of this Local Road Contract shall not invalidate the remainder of this Local Road Contract or the remainder of any paragraph or section not invalidated unless the elimination of such subsections, sections, or paragraphs shall substantially defeat the intents and purposes of the parties.
6. This Local Road Contract shall become binding on the parties hereto and be of full force and effect upon the signing thereof by the duly authorized officials of the Township and of the RCKC.
 7. The Township will be notified and agrees to authorize the Board to proceed with the award of the bids to the lowest responsive and responsible bidder unless advised in writing (by the appropriate township official by no later than the day before the Board meeting) that due to the cost of the project(s) with overhead, the cost exceeds the Local Road Contract and therefore the Township requests not to make the award to the bidder.
 8. The maximum cost to the Township for the Project(s)/Contingency Project(s) listed on this Local Road Contract will be equal to the *Total Township Share* listed above. Any costs over the Total Township Share will be carried over to the following year's Local Road Contract.
 9. The estimated Project(s) cost shall include all labor, materials, equipment, and contractor costs anticipated to be incurred in the project(s) by the Board. These items shall, in turn, include all indirect and administrative costs chargeable to the Project(s).

10. The parties hereto agree that, when and where applicable, they will comply with Executive Order 11246, Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, Title VII of the Civil Rights Act of 1964, the Americans with Disabilities Act (all of the foregoing as amended) and the applicable portions of the Michigan Elliott-Larsen Civil Rights Act and Michigan Persons with Disabilities Civil Rights Act, as well as any implementing rules and regulations. Specifically, contractors and sub-contractors are required not to discriminate against any employee or applicant for employment with respect to such person's hire, tenure, terms, conditions, or privileges of employment because of such person's race, color, religion, national origin, age, sex, sexual orientation, gender identity, disability, or protected veteran status. Breach of this provision may be regarded as a material breach of the contract or purchasing agreement and handled accordingly. Further, any violation of this provision may be separately addressed in accordance with the foregoing laws.
11. The Board shall upon reasonable notification make available in their office to representatives of the Township all records concerning the project(s) for review.

IN WITNESS WHEREOF, the parties hereto have caused this Local Road Contract to be executed on the day and year first above written.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO

By _____
Chair

Date _____

TOWNSHIP OF TEXAS

By  _____
Township Official

Date 3-12-2025



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Location: 6th Street (South Crooked Lake Drive) - Q Avenue to 742' North of Q Avenue

Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal

Project Length: 0.14 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		15.00	Station	\$30.00	\$450	
Shoulder, Gravel, 23A		25.00	Ton	\$17.50	\$438	
Shoulder, Gravel, Placement		6.00	Station	\$61.00	\$366	

Estimated Nonbillable Cost					\$1,254	
Cost Recovery - Nonbillable (8.68%)					\$109	
Total Estimated Nonbillable Cost					\$1,363	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	491.86	Lbs	\$1.29	\$634	
HMA, 36A Mod, Wedging		50.00	Ton	\$99.00	\$4,950	
RCKC Sweeping		1,814.00	Syd	\$0.03	\$54	
RCKC Equipment		1,814.00	Syd	\$0.35	\$635	
RCKC Labor/Fringe		1,814.00	Syd	\$0.28	\$508	
Contractor Equipment/Labor		550.00	Gal	\$0.24	\$132	
Fine Aggregate, CST	18 Lbs / Syd	16.00	Ton	\$49.20	\$787	
Emulsion, CRS-2M	0.29 Gal / Syd	550.00	Gal	\$2.19	\$1,205	
Fog Seal	0.12 Gal / Syd	1,814.00	Syd	\$0.22	\$399	

Estimated Billable Cost					\$9,305	
Cost Recovery - Billable (8.68%)					\$808	
Total Estimated Billable Cost					\$10,113	

Total Estimated Project Cost	\$11,476
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Location: Vineyard Parkway - 720' south of Q Avenue to Q Avenue

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 0.16 Miles

Estimated Nonbillable Cost	\$0
Cost Recovery - Nonbillable (8.68%)	\$0
Total Estimated Nonbillable Cost	\$0

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	543.56	Lbs	\$1.29	\$701	
Vacuum Sweeping		3.00	Hour	\$185.00	\$555	
RCKC Equipment		2,502.00	Syd	\$0.80	\$2,002	
RCKC Labor/Fringe		2,502.00	Syd	\$0.60	\$1,501	
Contractor Equipment/Labor		752.00	Gal	\$0.50	\$376	
Fine Aggregate, CST	18 Lbs / Syd	23.00	Ton	\$49.20	\$1,132	
Emulsion, CRS-2M	0.29 Gal / Syd	752.00	Gal	\$2.19	\$1,647	
Fog Seal	0.12 Gal / Syd	2,502.00	Syd	\$0.22	\$550	

Estimated Billable Cost	\$8,464
Cost Recovery - Billable (8.68%)	\$735
Total Estimated Billable Cost	\$9,199

Total Estimated Project Cost	\$9,199
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final
Municipality: Texas Township
Location: 2nd Street - S Avenue to RS Avenue
Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal
Project Length: 0.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		53.00	Station	\$30.00	\$1,590	
Shoulder, Gravel, 23A		92.00	Ton	\$17.50	\$1,610	
Shoulder, Gravel, Placement		25.00	Station	\$61.00	\$1,525	
Pavement Marking		2,628.00	Ft	\$0.10	\$263	
Estimated Nonbillable Cost					\$4,988	
Cost Recovery - Nonbillable (8.68%)					\$433	
Total Estimated Nonbillable Cost					\$5,421	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	1,742.05	Lbs	\$1.29	\$2,247	
HMA, 36A Mod, Wedging		250.00	Ton	\$99.00	\$24,750	
RCKC Sweeping		7,008.00	Syd	\$0.03	\$210	
RCKC Equipment		7,008.00	Syd	\$0.35	\$2,453	
RCKC Labor/Fringe		7,008.00	Syd	\$0.28	\$1,962	
Contractor Equipment/Labor		2,117.00	Gal	\$0.24	\$508	
Fine Aggregate, CST	18 Lbs / Syd	63.00	Ton	\$49.20	\$3,100	
Emulsion, CRS-2M	0.29 Gal / Syd	2,117.00	Gal	\$2.19	\$4,636	
Fog Seal	0.12 Gal / Syd	7,008.00	Syd	\$0.22	\$1,542	
Estimated Billable Cost					\$41,408	
Cost Recovery - Billable (8.68%)					\$3,594	
Total Estimated Billable Cost					\$45,002	

Total Estimated Project Cost	\$50,423
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

7th Street - Q Avenue to East Crooked Lake Drive,
Crooked Lake Drive East - 800' west of 7th Street to 7th Street,

Location: East Crooked Lake Drive - 7th Street to 2,573' north of 7th Street

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 0.78 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		41.00	Station	\$30.00	\$1,230	
Estimated Nonbillable Cost					\$1,230	
Cost Recovery - Nonbillable (8.68%)					\$107	
Total Estimated Nonbillable Cost					\$1,337	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	2,731.06	Lbs	\$1.29	\$3,523	
Vacuum Sweeping		5.00	Hour	\$185.00	\$925	
RCKC Equipment		11,402.00	Syd	\$0.80	\$9,122	
RCKC Labor/Fringe		11,402.00	Syd	\$0.60	\$6,841	
Contractor Equipment/Labor		3,186.00	Gal	\$0.50	\$1,593	
Fine Aggregate, CST	18 Lbs / Syd	103.00	Ton	\$49.20	\$5,068	
Emulsion, CRS-2M	0.29 Gal / Syd	3,186.00	Gal	\$2.19	\$6,977	
Fog Seal	0.12 Gal / Syd	11,402.00	Syd	\$0.22	\$2,508	
Estimated Billable Cost					\$36,557	
Cost Recovery - Billable (8.68%)					\$3,173	
Total Estimated Billable Cost					\$39,730	
Total Estimated Project Cost					\$41,067	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Location: DNR Street - 1,050' South of OP Avenue to OP Avenue

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 0.20 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		21.00	Station	\$30.00	\$630	
Estimated Nonbillable Cost					\$630	
Cost Recovery - Nonbillable (8.68%)					\$55	
Total Estimated Nonbillable Cost					\$685	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	696.02	Lbs	\$1.29	\$898	
Vacuum Sweeping		3.00	Hour	\$185.00	\$555	
RCKC Equipment		2,800.00	Syd	\$0.35	\$980	
RCKC Labor/Fringe		2,800.00	Syd	\$0.28	\$784	
Contractor Equipment/Labor		846.00	Gal	\$0.24	\$203	
Fine Aggregate, CST	18 Lbs / Syd	25.00	Ton	\$49.20	\$1,230	
Emulsion, CRS-2M	0.29 Gal / Syd	846.00	Gal	\$2.19	\$1,853	
Fog Seal	0.12 Gal / Syd	2,800.00	Syd	\$0.22	\$616	
Estimated Billable Cost					\$7,119	
Cost Recovery - Billable (8.68%)					\$618	
Total Estimated Billable Cost					\$7,737	
Total Estimated Project Cost					\$8,422	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: D. Disterheft Estimate Type: Final

Municipality: Texas Township

Torrey Pines Drive - Cypress Bay Drive to Veronica Street
Stapleton Drive - Torrey Pines Drive to 12th Street
Stoneybrook Road - Burning Tree Road (West) to 12th Street
Hunters Ridge Drive - Heathrow Avenue to Cypress Bay Drive

Location: Snowbird Court - Hunters Ridge Drive to 565' east of Hunters Ridge Drive

Project Description: HMA Overlay

Project Length: 1.49 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Drainage Structure, Repair		1.00	Ea	\$250.00	\$250	
Drainage Structure, Clean		5.00	Ea	\$385.00	\$1,925	
Manhole Adjust, Sanitary		38.00	Ea	\$1,250.00	\$47,500	
Estimated Nonbillable Cost					\$49,675	
Cost Recovery - Nonbillable (8.68%)					\$4,312	
Total Estimated Nonbillable Cost					\$53,987	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		10.00	Ea	\$750.00	\$7,500	
Drainage Structure, 48" Dia., 8 Feet Deep		1.00	Ea	\$3,419.00	\$3,419	
Drainage Structure, Frame & Grate		1.00	Ea	\$750.00	\$750	
Drainage Structure, Base		1.00	Ea	\$105.00	\$105	
Drainage Structure, Cover		1.00	Ea	\$300.00	\$300	
Filter Fabric, 8 oz.		35.00	Syd	\$2.00	\$70	
Sewer, HDPE, Dual Wall, 15"		40.00	Ft	\$24.00	\$960	
Aggregate, 6A		30.00	Ton	\$19.00	\$570	
Granular Material, Sand, C1 II		23.00	Ton	\$4.84	\$111	
Aggregate, Gravel, 22A		30.00	Ton	\$17.30	\$519	
Drainage Structure, Remove		1.00	Ea	\$480.00	\$480	
Slope Restoration		10.00	Station	\$525.00	\$5,250	
Drainage Structure, Repair		5.00	Ea	\$250.00	\$1,250	
Curb & Gutter, Remove		20.00	Ft	\$14.00	\$280	
Curb & Gutter, Concrete, Detail F4		20.00	Ft	\$35.00	\$700	
Shoulder, Gravel, 23A		50.00	Ton	\$17.50	\$875	
Cold Milling, HMA Surface, 2" to 4" (>5k Syd)		26,608.00	Syd	\$1.25	\$33,260	Profile Milling - Curb Removal
Manhole Adjust, Storm		7.00	Ea	\$1,250.00	\$8,750	
Roadside Restoration		115.00	Station	\$225.00	\$25,875	
HMA, Surface	330 LBS/SYD	4,818.00	Ton	\$76.25	\$367,373	
Fog Seal, Construction Joint		7,841.00	Ft	\$0.17	\$1,333	
Estimated Billable Cost					\$459,730	
Cost Recovery - Billable (8.68%)					\$39,905	
Total Estimated Billable Cost					\$499,635	

Total Estimated Project Cost	\$553,622
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: D. Disterheft Estimate Type: Final

Municipality: Texas Township

Veronica Street - Cypress Bay Drive to Queen Victoria Lane
Lewsinda Avenue (west) - 213' west of Marsha Street to Veronica Street
Marsha Street - Lewsinda Avenue to 135' north of Lewsinda Avenue
Lewsinda Avenue (east) - Veronica Street to 12th Street

Location: Anthony Street - Lewsinda Avenue to 121' north of Lewsinda Avenue

Project Description: HMA Overlay

Project Length: 0.80 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Drainage Structure, Repair		1.00	Ea	\$250.00	\$250	
Drainage Structure, Clean		5.00	Ea	\$385.00	\$1,925	
Manhole Adjust, Sanitary		18.00	Ea	\$1,250.00	\$22,500	
Estimated Nonbillable Cost					\$24,675	
Cost Recovery - Nonbillable (8.68%)					\$2,142	
Total Estimated Nonbillable Cost					\$26,817	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		6.00	Ea	\$750.00	\$4,500	
Drainage Structure, 48" Dia., 8 Feet Deep		1.00	Ea	\$3,419.00	\$3,419	
Drainage Structure, Frame & Grate		1.00	Ea	\$750.00	\$750	
Drainage Structure, Base		1.00	Ea	\$105.00	\$105	
Drainage Structure, Cover		1.00	Ea	\$300.00	\$300	
Filter Fabric, 8 oz.		35.00	Syd	\$2.00	\$70	
Sewer, HDPE, Dual Wall, 15"		40.00	Ft	\$24.00	\$960	
Aggregate, 6A		30.00	Ton	\$19.00	\$570	
Granular Material, Sand, C1 II		23.00	Ton	\$4.84	\$111	
Aggregate, Gravel, 22A		31.00	Ton	\$17.30	\$536	
Drainage Structure, Remove		1.00	Ea	\$480.00	\$480	
Slope Restoration		10.00	Station	\$525.00	\$5,250	
Drainage Structure, Repair		5.00	Ea	\$250.00	\$1,250	
Curb & Gutter, Remove		20.00	Ft	\$14.00	\$280	
Curb & Gutter, Concrete, Detail F4		20.00	Ft	\$35.00	\$700	
Shoulder, Gravel, 23A		50.00	Ton	\$17.50	\$875	
Cold Milling, HMA Surface, 2" to 4" (>5k Syd)		15,916.00	Syd	\$1.25	\$19,895	Profile Milling - Curb Removal
Roadside Restoration		34.00	Station	\$225.00	\$7,650	
Manhole Adjust, Storm		4.00	Ea	\$1,250.00	\$5,000	
HMA, Surface	330 LBS/SYD	2,789.00	Ton	\$76.25	\$212,661	
Fog Seal, Construction Joint		4,231.00	Ft	\$0.17	\$719	
Estimated Billable Cost					\$266,082	
Cost Recovery - Billable (8.68%)					\$23,096	
Total Estimated Billable Cost					\$289,178	

Total Estimated Project Cost	\$315,995
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Location: 10th Street - R Avenue to Q Avenue

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 1.01 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		106.00	Station	\$30.00	\$3,180	
Pavement Marking		5,317.00	Ft	\$0.10	\$532	
Estimated Nonbillable Cost					\$3,712	
Cost Recovery - Nonbillable (8.68%)					\$322	
Total Estimated Nonbillable Cost					\$4,034	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	3,524.53	Lbs	\$1.29	\$4,547	
RCKC Sweeping		13,588.00	Syd	\$0.03	\$408	
RCKC Equipment		13,588.00	Syd	\$0.35	\$4,756	
RCKC Labor/Fringe		13,588.00	Syd	\$0.28	\$3,805	
Contractor Equipment/Labor		4,112.00	Gal	\$0.24	\$987	
Fine Aggregate, CST	18 Lbs / Syd	122.00	Ton	\$49.20	\$6,002	
Emulsion, CRS-2M	0.29 Gal / Syd	4,112.00	Gal	\$2.19	\$9,005	
Fog Seal	0.12 Gal / Syd	13,588.00	Syd	\$0.22	\$2,989	
Estimated Billable Cost					\$32,499	
Cost Recovery - Billable (8.68%)					\$2,821	
Total Estimated Billable Cost					\$35,320	
Total Estimated Project Cost					\$39,354	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final
Municipality: Texas Township
Location: PQ Avenue - 7,920' west of 3rd Street to 3rd Street
Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal
Project Length: 1.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		158.00	Station	\$30.00	\$4,740	
Shoulder, Gravel, 23A		35.00	Ton	\$17.50	\$613	
Shoulder, Gravel, Placement		10.00	Station	\$61.00	\$610	
Pavement Marking		7,920.00	Ft	\$0.10	\$792	
Estimated Nonbillable Cost					\$6,755	
Cost Recovery - Nonbillable (8.68%)					\$586	
Total Estimated Nonbillable Cost					\$7,341	

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	5,250.00	Lbs	\$1.29	\$6,773	
HMA, 36A Mod, Wedging		100.00	Ton	\$99.00	\$9,900	
RCKC Sweeping		18,747.00	Syd	\$0.03	\$562	
RCKC Equipment		18,747.00	Syd	\$0.35	\$6,561	
RCKC Labor/Fringe		18,747.00	Syd	\$0.28	\$5,249	
Contractor Equipment/Labor		9,813.00	Gal	\$0.24	\$2,355	
Fine Aggregate, CS2	22 Lbs / Syd	206.00	Ton	\$49.23	\$10,141	
Emulsion, CRS-2M	0.50 Gal / Syd	9,813.00	Gal	\$2.19	\$21,490	
Fog Seal	0.14 Gal / Syd	18,747.00	Syd	\$0.25	\$4,687	
Estimated Billable Cost					\$67,719	
Cost Recovery - Billable (8.68%)					\$5,878	
Total Estimated Billable Cost					\$73,597	

Total Estimated Project Cost	\$80,938
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Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazoocountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Location: Vankal Street - RS Avenue to Q Avenue

Project Description: HMA Overlay

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		137.00	Station	\$30.00	\$4,110	
Pavement Marking		6,864.00	Ft	\$0.10	\$686	
Tree Pruning & Removal		45.00	Ea	\$1,200.00	\$54,000	
Ditch Cleanout, 6" or less		12.00	Station	\$275.00	\$3,300	
Culvert, Remove		5.00	Ea	\$515.00	\$2,575	
Culvert, CMP, 12"		570.00	Ft	\$8.00	\$4,560	
Culvert End Section, CMP, 12"		38.00	Ea	\$50.00	\$1,900	
Ditch Cleanout, greater than 6"		12.00	Station	\$450.00	\$5,400	
Monument Preservation		5.00	Ea	\$926.00	\$4,630	

Estimated Nonbillable Cost \$81,161

Cost Recovery - Nonbillable (8.68%) \$7,045

Total Estimated Nonbillable Cost \$88,206

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		5.00	Ea	\$750.00	\$3,750	
Driveway Adjust, Concrete		2.00	Ea	\$575.00	\$1,150	
Driveway Adjust, HMA		9.00	Ea	\$250.00	\$2,250	
Shoulder, Gravel, 23A		870.00	Ton	\$17.50	\$15,225	
Shoulder, Gravel, Placement		137.00	Station	\$61.00	\$8,357	
Cold Milling, HMA Surface, 2" to 4" (<1K Syd)		800.00	Syd	\$7.25	\$5,800	Butt Joints
Roadside Restoration		20.00	Station	\$225.00	\$4,500	
HMA, Surface		2,120.00	Ton	\$76.25	\$161,650	
Fog Seal, Construction Joint		6,864.00	Ft	\$0.17	\$1,167	

Estimated Billable Cost \$203,849

Cost Recovery - Billable (8.68%) \$17,694

Total Estimated Billable Cost \$221,543

Total Estimated Project Cost \$309,749



Road Commission of Kalamazoo County
 4400 South 28th Street
 Kalamazoo, MI 49048
 www.kalamazooountyroads.com

2025 Project Estimate
 VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final
 Municipality: Texas Township
 Location: Glenwynd Drive - 6th Street to O Avenue
 Project Description: Crack Fill, Chip Seal, Fog Seal
 Project Length: 0.52 Miles

Estimated Nonbillable Cost	\$0
Cost Recovery - Nonbillable (8.68%)	\$0
Total Estimated Nonbillable Cost	\$0

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Medium	781.25	Lbs	\$1.29	\$1,008	
Vacuum Sweeping		4.00	Hour	\$185.00	\$740	
RCKC Equipment		8,556.00	Syd	\$0.80	\$6,845	
RCKC Labor/Fringe		8,556.00	Syd	\$0.60	\$5,134	
Contractor Equipment/Labor		2,570.00	Gal	\$0.50	\$1,285	
Fine Aggregate, CST	18 Lbs / Syd	77.00	Ton	\$49.20	\$3,788	
Emulsion, CRS-2M	0.29 Gal / Syd	2,570.00	Gal	\$2.19	\$5,628	
Fog Seal	0.12 Gal / Syd	8,556.00	Syd	\$0.22	\$1,882	

Estimated Billable Cost	\$26,310
Cost Recovery - Billable (8.68%)	\$2,284
Total Estimated Billable Cost	\$28,594

Total Estimated Project Cost	\$28,594
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Road Commission of Kalamazoo County
4400 South 26th Street
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Location: RS Avenue - 2nd Street to 6th Street

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 1.51 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		159.00	Station	\$30.00	\$4,770	
Pavement Marking		7,961.00	Ft	\$0.10	\$796	
Estimated Nonbillable Cost					\$5,566	
Cost Recovery - Nonbillable (8.68%)					\$483	
Total Estimated Nonbillable Cost					\$6,049	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	5,277.18	Lbs	\$1.29	\$6,808	
RCKC Sweeping		18,576.00	Syd	\$0.03	\$557	
RCKC Equipment		18,576.00	Syd	\$0.35	\$6,502	
RCKC Labor/Fringe		18,576.00	Syd	\$0.28	\$5,201	
Contractor Equipment/Labor		9,730.00	Gal	\$0.24	\$2,335	
Fine Aggregate, CS2	22 Lbs / Syd	204.00	Ton	\$49.23	\$10,043	
Emulsion, CRS-2M	0.50 Gal / Syd	9,730.00	Gal	\$2.19	\$21,309	
Fog Seal	0.14 Gal / Syd	18,576.00	Syd	\$0.25	\$4,644	
Estimated Billable Cost					\$57,399	
Cost Recovery - Billable (8.68%)					\$4,982	
Total Estimated Billable Cost					\$62,381	
Total Estimated Project Cost					\$68,430	



Road Commission of Kalamazoo County
4400 South 26th Street
Kalamazoo, MI 49048
www.kalamazooountyroads.com

2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Chadeau Avenue - Norcross Street to 10th Street

Norcross Street - 308' south of Kieth Court to 400' North of Keith Court

Keith Court - Norcross Street to 400' east of Norcross Street

Location: Omega Street - Chadeau Avenue to 169' north of Chadeau Avenue

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 0.31 Miles

Estimated Nonbillable Cost	\$0
Cost Recovery - Nonbillable (8.68%)	\$0
Total Estimated Nonbillable Cost	\$0

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	1,092.42	Lbs	\$1.29	\$1,409	
Vacuum Sweeping		4.00	Hour	\$185.00	\$740	
RCKC Equipment		7,605.00	Syd	\$0.80	\$6,084	
RCKC Labor/Fringe		7,605.00	Syd	\$0.60	\$4,563	
Contractor Equipment/Labor		1,752.00	Gal	\$0.50	\$876	
Fine Aggregate, CST	18 Lbs / Syd	68.00	Ton	\$49.20	\$3,346	
Emulsion, CRS-2M	0.29 Gal / Syd	1,752.00	Gal	\$2.19	\$3,837	
Fog Seal	0.12 Gal / Syd	7,605.00	Syd	\$0.22	\$1,673	

Estimated Billable Cost	\$22,528
Cost Recovery - Billable (8.68%)	\$1,955
Total Estimated Billable Cost	\$24,483

Total Estimated Project Cost	\$24,483
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Road Commission of Kalamazoo County
4400 South 28th Street
Kalamazoo, MI 49048
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Treasure Island Drive - Pepper Avenue to 2,544' north of Pepper Avenue,
Pepper Avenue - Treasure Island Drive to 667' east of Finnagen Street,
Woods Drive - Treasure Island Drive to 934' north of Treasure Island Drive,
Location: Finnagen Street - PQ Avenue to Pepper Avenue

Project Description: Crack Fill, Chip Seal, Fog Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		105.00	Station	\$30.00	\$3,150	
Estimated Nonbillable Cost					\$3,150	
Cost Recovery - Nonbillable (8.68%)					\$273	
Total Estimated Nonbillable Cost					\$3,423	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Medium	1,495.45	Lbs	\$1.29	\$1,929	
Vacuum Sweeping		8.00	Hour	\$185.00	\$1,480	
RCKC Equipment		16,930.00	Syd	\$0.80	\$13,544	
RCKC Labor/Fringe		16,930.00	Syd	\$0.60	\$10,158	
Contractor Equipment/Labor		4,573.00	Gal	\$0.50	\$2,287	
Fine Aggregate, CST	18 Lbs / Syd	152.00	Ton	\$49.20	\$7,478	
Emulsion, CRS-2M	0.29 Gal / Syd	4,573.00	Gal	\$2.19	\$10,015	
Fog Seal	0.12 Gal / Syd	16,930.00	Syd	\$0.22	\$3,725	
Estimated Billable Cost					\$50,616	
Cost Recovery - Billable (8.68%)					\$4,393	
Total Estimated Billable Cost					\$55,009	
Total Estimated Project Cost					\$58,432	



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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final
Municipality: Texas Township
Location: 10th Street - Q Avenue to Texas Drive
Project Description: Crack Fill, Chip Seal, Fog Seal
Project Length: 1.05 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		111.00	Station	\$30.00	\$3,330	
Pavement Marking		5,570.00	Ft	\$0.10	\$557	
<i>Estimated Nonbillable Cost</i>					\$3,887	
<i>Cost Recovery - Nonbillable (8.68%)</i>					\$337	
<i>Total Estimated Nonbillable Cost</i>					\$4,224	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Crack Fill	Heavy	3,692.23	Lbs	\$1.29	\$4,763	
RCKC Sweeping		19,804.00	Syd	\$0.03	\$594	
RCKC Equipment		19,804.00	Syd	\$0.35	\$6,931	
RCKC Labor/Fringe		19,804.00	Syd	\$0.28	\$5,545	
Contractor Equipment/Labor		5,923.00	Gal	\$0.24	\$1,422	
Fine Aggregate, CST	18 Lbs / Syd	178.00	Ton	\$49.20	\$8,758	
Emulsion, CRS-2M	0.29 Gal / Syd	5,923.00	Gal	\$2.19	\$12,971	
Fog Seal	0.12 Gal / Syd	19,804.00	Syd	\$0.22	\$4,357	
<i>Estimated Billable Cost</i>					\$45,341	
<i>Cost Recovery - Billable (8.68%)</i>					\$3,936	
<i>Total Estimated Billable Cost</i>					\$49,277	
<i>Total Estimated Project Cost</i>					\$53,501	



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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 03/04/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Texas Township

Location: Vankal Street - 7,920' south of RS Avenue to RS Avenue

Project Description: HMA Overlay

Project Length: 1.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		158.00	Station	\$30.00	\$4,740	
Pavement Marking		7,920.00	Ft	\$0.10	\$792	
Tree Pruning & Removal		75.00	Ea	\$1,200.00	\$90,000	
Ditch Cleanout, 6" or less		10.00	Station	\$275.00	\$2,750	
Ditch Cleanout, greater than 6"		5.00	Station	\$450.00	\$2,250	
Culvert, CMP, 12"		690.00	Ft	\$8.00	\$5,520	
Culvert End Section, CMP, 12"		46.00	Ea	\$50.00	\$2,300	
Culvert, CMP, 15"		40.00	Ft	\$10.00	\$400	
Culvert End Section, CMP, 15"		2.00	Ea	\$60.00	\$120	
Culvert, Remove		24.00	Ea	\$515.00	\$12,360	

Estimated Nonbillable Cost \$123,084

Cost Recovery - Nonbillable (8.68%) \$10,684

Total Estimated Nonbillable Cost \$133,768

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Material Testing		5.00	Ea	\$750.00	\$3,750	
Driveway Adjust, Concrete		5.00	Ea	\$575.00	\$2,875	
Driveway Adjust, HMA		14.00	Ea	\$250.00	\$3,500	
Shoulder, Gravel, 23A		980.00	Ton	\$17.50	\$17,150	
Shoulder, Gravel, Placement		158.00	Station	\$61.00	\$9,638	
Cold Milling, HMA Surface, 2" to 4" (>5k Syd)		800.00	Syd	\$1.25	\$1,000	Butt Joints
Roadside Restoration		20.00	Station	\$225.00	\$4,500	
HMA, Surface		2,385.00	Ton	\$76.25	\$181,856	
Fog Seal, Construction Joint		7,920.00	Ft	\$0.17	\$1,346	

Estimated Billable Cost \$225,616

Cost Recovery - Billable (8.68%) \$19,583

Total Estimated Billable Cost \$245,199

Total Estimated Project Cost \$378,967



LOCAL ROAD CONTRACT

THIS CONTRACT made and entered into this _____ day of _____, 2025, by and between the Board of County Road Commissioners of the County of Kalamazoo, hereinafter referred to as the "RCKC" and the **Township of Wakeshma**, Kalamazoo County, Michigan, hereinafter referred to as the "Township" for the purpose of fixing the rights and obligations of the parties and agreeing to the design/construction engineering and/or construction of certain improvements and contingency projects on county roads within the Township, hereinafter referred to as "Project"

WITNESSETH: WHEREAS, Section 20 of Act 51 of the Public Acts of 1951, as amended, authorizes Township Boards to appropriate general fund monies and to pay the same into the county road fund of the county for the maintenance and/or improvement of county roads within the Township, pursuant to an agreement between the Township and the RCKC; and

WHEREAS, it is mutually agreed between the RCKC and the Township that certain improvements are necessary on the county road system within the Township.

NOW, THEREFORE, IN CONSIDERATION of the promises and mutual undertakings of the parties in conformity with the applicable state laws, it is agreed:

1. The RCKC and Township agree that the scope of the work to be performed for the Project(s) identified is based on cost estimates and contingent upon how unexpected field issues are addressed. The RCKC, shall administer the Local Road Contract. The RCKC shall oversee design/construction engineering and/or construct or cause to be constructed the following road improvements and **contingency project(s) which will begin only if there are remaining funds in the Total Township Share. Contingency project(s) not completed in the current year will be carried over to the following year with the remaining costs included in the following year's Local Road Contract. Uncompleted contingency project costs will be billed the following year as the remaining work is completed.**

TU Avenue – 39th Street to 42nd Street; *Gravel Resurfacing*

Project Estimate: \$198,832

Work Order # _____
(to be assigned)

38th Street – W Avenue to V Avenue; *Crack Fill, Chip Seal*

Project Estimate: \$37,185

Work Order # _____
(to be assigned)

Art Martin – W Avenue to 300' north of White Lawn Street

White Lawn Street – 315' west of Art Martin Street to 42nd Street; *Chip Seal*

Project Estimate: \$7,653

Work Order # _____
(to be assigned)

U Avenue – 42nd Street to 44th Street; *Chip Seal, Fog Seal*

Project Estimate: \$37,076

Work Order # _____
(to be assigned)

X Avenue – 38th Street to 40th Street; *Double Chip Seal*

Project Estimate: \$81,194

Work Order # _____
(to be assigned)

CONTINGENCY PROJECT(S):

X Avenue – 40th Street to 42nd Street; *Pulverize, Double Chip Seal*

Project Estimate: \$0

Work Order # _____

(to be assigned)

2. The detailed estimate(s) of the cost of the Project(s) is attached hereto and incorporated herein.
3. The terms and provisions of the RCKC policies, including those provided in the annual RCKC local road information packet, are deemed to be a part of and included in this Local Road Contract as though fully set forth herein.
4. The RCKC shall provide progress billing and shall make available the accounting to the Township in accordance with the following schedule of the LOCAL ROAD CONTRACT:

Total Estimated Project Cost(s)	\$361,940
Total Estimated Billable Project Cost(s)	\$242,374
RCKC Participation Funds (to extent available)	\$80,557
Total Township Share	\$161,817

5. General Provisions:

- A. This Local Road Contract contains all the terms and conditions of the contractual relationship between the parties relating to the Project(s), and no amendments or additions to this Local Road Contract shall be binding unless they are in writing and signed by both parties. This Local Road Contract, including all attachments, supersedes all prior oral and written and all contemporaneous oral negotiations, commitments, and understandings of the parties.
 - B. This Local Road Contract shall be binding on the parties, their legal representatives, successors, and assigns.
 - C. The headings of this Local Road Contract are for convenience only and in no way define, limit, or describe the scope or intent of this Local Road Contract or any of its sections, nor do they in any way affect this Local Road Contract.
 - D. Any notice required or permitted to be given under this Local Road Contract shall be sufficient if it is in writing and if it is sent by email, or registered mail or certified mail, and return receipt requested to the **Township of Wakeshma** mailing address.
 - E. This Local Road Contract shall be governed by, construed, and enforced in accordance with the laws of the State of Michigan.
 - F. The invalidity of all or any part of any sections, subsections, or paragraphs of this Local Road Contract shall not invalidate the remainder of this Local Road Contract or the remainder of any paragraph or section not invalidated unless the elimination of such subsections, sections, or paragraphs shall substantially defeat the intents and purposes of the parties.
6. This Local Road Contract shall become binding on the parties hereto and be of full force and effect upon the signing thereof by the duly authorized officials of the Township and of the RCKC.
 7. The Township will be notified and agrees to authorize the Board to proceed with the award of the bids to the lowest responsive and responsible bidder unless advised in writing (by the appropriate township official by no later than the day before the Board meeting) that due to the cost of the project(s) with overhead, the cost exceeds the Local Road Contract and therefore the Township requests not to make the award to the bidder.
 8. The maximum cost to the Township for the Project(s)/Contingency Project(s) listed on this Local Road Contract will be equal to the *Total Township Share* listed above. Any costs over the Total Township Share will be carried over to the following year's Local Road Contract.
 9. The estimated Project(s) cost shall include all labor, materials, equipment, and contractor costs anticipated to be incurred in the project(s) by the Board. These items shall, in turn, include all indirect and administrative costs chargeable to the Project(s).


10. The parties hereto agree that, when and where applicable, they will comply with Executive Order 11246, Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974, Title VII of the Civil Rights Act of 1964, the Americans with Disabilities Act (all of the foregoing as amended) and the applicable portions of the Michigan Elliott-Larsen Civil Rights Act and Michigan Persons with Disabilities Civil Rights Act, as well as any implementing rules and regulations. Specifically, contractors and sub-contractors are required not to discriminate against any employee or applicant for employment with respect to such person's hire, tenure, terms, conditions, or privileges of employment because of such person's race, color, religion, national origin, age, sex, sexual orientation, gender identity, disability, or protected veteran status. Breach of this provision may be regarded as a material breach of the contract or purchasing agreement and handled accordingly. Further, any violation of this provision may be separately addressed in accordance with the foregoing laws.
11. The Board shall upon reasonable notification make available in their office to representatives of the Township all records concerning the project(s) for review.

IN WITNESS WHEREOF, the parties hereto have caused this Local Road Contract to be executed on the day and year first above written.

BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF KALAMAZOO

TOWNSHIP OF WAKESHMA

By _____
Chair

By  _____
Township Official

Date _____

Date 3-11-2025



Estimate Date: 02/19/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Wakeshma Township

Location: TU Avenue - 39th Street to 42nd Street

Project Description: Gravel Resurfacing

Project Length: 1.50 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		158.00	Station	\$30.00	\$4,740	No charge
Tree Pruning & Removal		40.00	Ea	\$1,200.00	\$48,000	No charge
Ditch Cleanout, 6" or less		70.00	Station	\$275.00	\$19,250	No charge
Culvert, Remove		20.00	Ea	\$515.00	\$10,300	No charge
Culvert, CMP, 12"		450.00	Ft	\$8.00	\$3,600	No charge
Culvert End Section, CMP, 12"		30.00	Ea	\$50.00	\$1,500	No charge
Culvert, CMP, 15"		500.00	Ft	\$10.00	\$5,000	No charge
Culvert End Section, CMP, 15"		20.00	Ea	\$60.00	\$1,200	No charge
Culvert, CMP, 24"		60.00	Ft	\$16.00	\$960	No charge
Culvert End Section, CMP, 24"		2.00	Ea	\$130.00	\$260	No charge
Culvert, CMP, 36"		60.00	Ft	\$138.00	\$8,280	No charge
Culvert End Section, CMP, 36"		2.00	Ea	\$895.00	\$1,790	No charge

Estimated Nonbillable Cost \$104,880

Cost Recovery - Nonbillable (8.68%) \$9,104

Total Estimated Nonbillable Cost \$113,984

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Aggregate, Gravel, 22A		3,970.00	Ton	\$17.30	\$68,681	
Fine Grading (RCKC)	20 Hrs / Mile	30.00	Hour	\$132.00	\$3,960	
Dust Control, Applied	2000 Gal / Mile	3,000.00	Gal	\$0.21	\$630	
Equipment, Motor Grader, Scarifier		12.00	Hour	\$250.00	\$3,000	
Equipment, Roller, Compactor		12.00	Hour	\$150.00	\$1,800	

Estimated Billable Cost \$78,071

Cost Recovery - Billable (8.68%) \$6,777

Total Estimated Billable Cost \$84,848

Total Estimated Project Cost \$198,832



Road Commission of Kalamazoo County
4400 South 26th Street
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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/19/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Wakeshma Township

Location: 38th Street - W Avenue to V Avenue

Project Description: Chip Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		106.00	Station	\$30.00	\$3,180	No charge
Pavement Marking		5,280.00	Ft	\$0.10	\$528	No charge
Estimated Nonbillable Cost					\$3,708	
Cost Recovery - Nonbillable (8.68%)					\$322	
Total Estimated Nonbillable Cost					\$4,030	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		12,320.00	Syd	\$0.03	\$370	
RCKC Equipment		12,320.00	Syd	\$0.35	\$4,312	
RCKC Labor/Fringe		12,320.00	Syd	\$0.28	\$3,450	
Contractor Equipment/Labor		6,453.00	Gal	\$0.24	\$1,549	
Fine Aggregate, CS2	22 Lbs / Syd	136.00	Ton	\$49.23	\$6,695	
Emulsion, CRS-2M	0.50 Gal / Syd	6,453.00	Gal	\$2.19	\$14,132	
Estimated Billable Cost					\$30,507	
Cost Recovery - Billable (8.68%)					\$2,648	
Total Estimated Billable Cost					\$33,155	
Total Estimated Project Cost					\$37,185	



Estimate Date: 02/19/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Wakeshma Township

Art Martin Street – W Avenue to 300' north of White Lawn Street

Location: White Lawn Street – 315' west of Art Martin Street to 42nd Street

Project Description: Chip Seal

Project Length: 0.28 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
High Shoulder, Remove		30.00	Station	\$30.00	\$900	No charge
					Estimated Nonbillable Cost	\$900
					Cost Recovery - Nonbillable (8.68%)	\$78
					Total Estimated Nonbillable Cost	\$978
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		3,333.00	Syd	\$0.03	\$100	
RCKC Equipment		3,333.00	Syd	\$0.35	\$1,167	
RCKC Labor/Fringe		3,333.00	Syd	\$0.28	\$933	
Contractor Equipment/Labor		1,015.00	Gal	\$0.24	\$244	
Fine Aggregate, CST	18 Lbs / Syd	30.00	Ton	\$49.20	\$1,476	
Emulsion, CRS-2M	0.29 Gal / Syd	1,015.00	Gal	\$2.19	\$2,223	
					Estimated Billable Cost	\$6,142
					Cost Recovery - Billable (8.68%)	\$533
					Total Estimated Billable Cost	\$6,675
					Total Estimated Project Cost	\$7,653



Road Commission of Kalamazoo County
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2025 Project Estimate
 VALID FOR 90 DAYS

Estimate Date: 02/19/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Wakeshma Township

Location: U Avenue - 42nd Street to 44th Street

Project Description: Chip Seal, Fog Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Pavement Marking		5,280.00	Ft	\$0.10	\$528	No charge
Estimated Nonbillable Cost					\$528	
Cost Recovery - Nonbillable (8.68%)					\$46	
Total Estimated Nonbillable Cost					\$574	
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
RCKC Sweeping		12,320.00	Syd	\$0.03	\$370	
RCKC Equipment		12,320.00	Syd	\$0.35	\$4,312	
RCKC Labor/Fringe		12,320.00	Syd	\$0.28	\$3,450	
Contractor Equipment/Labor		6,453.00	Gal	\$0.24	\$1,549	
Fine Aggregate, CS2	22 Lbs / Syd	136.00	Ton	\$49.23	\$6,695	
Emulsion, CRS-2M	0.50 Gal / Syd	6,453.00	Gal	\$2.19	\$14,132	
Fog Seal CS2	0.14 Gal / Syd	12,320.00	Syd	\$0.25	\$3,080	
Estimated Billable Cost					\$33,587	
Cost Recovery - Billable (8.68%)					\$2,915	
Total Estimated Billable Cost					\$36,502	
Total Estimated Project Cost					\$37,076	



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2025 Project Estimate
VALID FOR 90 DAYS

Estimate Date: 02/19/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Wakeshma Township

Location: X Avenue - 38th Street to 40th Street

Project Description: Double Chip Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Asphalt Emulsion Prime (AEP)	.25 Gal / Syd	3,080.00	Gal	\$1.76	\$5,421	
Fine Grading (RCKC)	20 Hrs / Mile	20.00	Hour	\$132.00	\$2,640	
Dust Control, Applied	2000 Gal / Mile	2,000.00	Gal	\$0.21	\$420	
Equipment, Roller, Compactor		40.00	Hour	\$150.00	\$6,000	
RCKC Equipment		24,640.00	Syd	\$0.35	\$8,624	
RCKC Labor/Fringe		24,640.00	Syd	\$0.28	\$6,899	
Contractor Equipment/Labor		12,907.00	Gal	\$0.24	\$3,098	
Fine Aggregate, CS2	22 Lbs / Syd	271.00	Ton	\$49.23	\$13,341	
Emulsion, CRS-2M	0.50 Gal / Syd	12,907.00	Gal	\$2.19	\$28,266	
Estimated Billable Cost					\$74,709	
Cost Recovery - Billable (8.68%)					\$6,485	
Total Estimated Billable Cost					\$81,194	
Total Estimated Project Cost					\$81,194	



Estimate Date: 02/19/25 Estimator: J. Schmitt Estimate Type: Final

Municipality: Wakarusa Township

Location: X Avenue - 40th Street to 42nd Street

Project Description: Pulverize, Double Chip Seal

Project Length: 1.00 Miles

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
HMA Crushing and Shaping with Dust Control		11,733.00	Syd	\$4.92	\$57,726	No charge
Dust Control, Applied	2000 Gal / Mile	2,000.00	Gal	\$0.21	\$420	No charge
High Shoulder, Remove		106.00	Station	\$30.00	\$3,180	No charge
Pavement Marking		5,280.00	Ft	\$0.10	\$528	No charge
Tree Pruning & Removal		20.00	Ea	\$1,200.00	\$24,000	No charge
Ditch Cleanout, 6" or less		40.00	Station	\$275.00	\$11,000	No charge
Culvert, Remove		12.00	Ea	\$515.00	\$6,180	No charge
Culvert, CMP, 12"		480.00	Ft	\$8.00	\$3,840	No charge
Culvert End Section, CMP, 12"		32.00	Ea	\$50.00	\$1,600	No charge
Culvert, CMP, 15"		30.00	Ft	\$10.00	\$300	No charge
Culvert End Section, CMP, 15"		2.00	Ea	\$60.00	\$120	No charge
Culvert, CMP, 24"		50.00	Ft	\$16.00	\$800	No charge
Culvert End Section, CMP, 24"		2.00	Ea	\$130.00	\$260	No charge

Estimated Nonbillable Cost	\$109,954
Cost Recovery - Nonbillable (8.68%)	\$9,544
Total Estimated Nonbillable Cost	\$119,498

Description of charge	Application Rate	Estimated Quantities	Units of Measure	Estimated Unit Cost	Estimated Item Cost	Notes
Aggregate, Gravel, 22A		2,150.00	Ton	\$17.30	\$37,195	
Asphalt Emulsion Prime (AEP)	0.25 Gal / Syd	2,900.00	Gal	\$1.76	\$5,104	
Fine Grading (RCKC)	20 Hrs / Mile	20.00	Hour	\$132.00	\$2,640	
Dust Control, Applied	2000 Gal / Mile	2,000.00	Gal	\$0.21	\$420	
Equipment, Roller, Sheep's Foot		20.00	Hour	\$300.00	\$6,000	
Equipment, Roller, Compactor		40.00	Hour	\$150.00	\$6,000	
RCKC Sweeping		23,202.00	Syd	\$0.03	\$696	
RCKC Equipment		23,202.00	Syd	\$0.35	\$8,121	
RCKC Labor/Fringe		23,202.00	Syd	\$0.28	\$6,497	
Contractor Equipment/Labor		12,154.00	Gal	\$0.24	\$2,917	
Fine Aggregate, CS2	22 Lbs / Syd	255.00	Ton	\$49.23	\$12,554	
Emulsion, CRS-2M	0.50 Gal / Syd	12,154.00	Gal	\$2.19	\$26,617	

Estimated Billable Cost	\$114,760
Cost Recovery - Billable (8.68%)	\$9,961
Total Estimated Billable Cost	\$124,721

Total Estimated Project Cost	\$244,219
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