

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@kalamazoo-countyroads.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
SEPTEMBER 27, 2022 – 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 3801 East Kilgore Road, 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

Approval of Agenda

Approval of Minutes **September 13, 2022 Board Meeting**

Approval of Payroll and Vendor Accounts

Public Comment on Non-agenda Items

New Business:

- A. Request Approval of the Winter Maintenance Services Bid #2022-22**
- B. Request Approval of the Tree Bid #5 – Comstock Township Projects Bid #2022-25**
- C. Request Approval of the Guardrail Installation and Repair Bid #2022-26**
- D. Request Approval of the Cab and Chassis Heavy Duty Class 8 – Trucks Bid #2022-27**
- E. Request Approval of the Almendra Drive at 2nd Street Construction Plan Cover Sheet, Oshtemo Township**

Presentation: Township Connect Website Portal by Joanna Johnson, Managing Director

Public Comment on Non-agenda Items

Managing Director's Time

Commissioner's Time and Committee Reports:

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

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 3801 E. Kilgore Road Kalamazoo, MI 49001 Telephone: (269) 381-3171 or Email: info@kalamazoocountyroads.com Website: www.kalamazoocountyroads.com





Memo

To: Board of County Road Commissioners of the County of Kalamazoo
From: Joanna I. Johnson, Managing Director
CC: RCKC TEAM
Date: September 23, 2022
Re: Board Weekly Report

New Business:

A. Request Approval of the Winter Maintenance Services Bid #2022-22

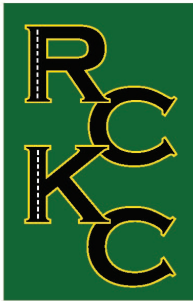
Our winter maintenance operations include a mix of fixes to accomplish winter maintenance services based on current service expectations. These include: RCKC Road Maintenance Operators (RMO) team, Contractors, Contracted Commercial Driver's License (CDL) operators (using RCKC equipment), and Temporary Seasonal CDL operators. It has become more challenging for all industries to find individuals with a CDL which is required for our work, and we currently have 14 Road Maintenance Operators and Mechanic openings. Staff has been communicating with other contractors to solicit interest in bidding winter maintenance services for RCKC. We may advertise another winter maintenance bid in 2022 based on new interest gained from conversations with other contractors. For the 2022/23 winter season current contractors include: ELC Leasing Corporation, and if this bid is awarded, will also include Maintenance Masters Inc. and Peters Construction Company. Areas not awarded will continue to be covered by our RCKC team. Both Peters Construction Co. and Maintenance Masters Inc. have worked with us prior.

We recommend the Board award the Winter Maintenance Services Bid #2022-22, to Peters Construction Co. with an option to extend annually for up to three (3), one (1) year extensions by the mutual agreement of both parties.

We recommend the Board award the Winter Maintenance Services Bid #2022-22, to Maintenance Masters Inc. with an option to extend annually for up to three (3), one (1) year extensions by the mutual agreement of both parties.

B. Request Approval of Tree Bid #5 - Comstock Projects Bid #2022-25

The Tree Work #5 bid includes the tree removals and pruning for Comstock local road paving projects to be completed in 2022. The tree removal and pruning bid specifications for these projects include an October 15, 2022, deadline for completion. RCKC received and opened three (3) bids for this bid. American Arbor, LLC. has performed work for the RCKC in the past and their work performed to date has been completed to RCKC specifications. American Arbor is confident that they can complete the work before the October 15, 2022 deadline. American Arbor, LLC. intend to schedule the work immediately following Board approval. ***We recommend the Board award Tree Work #5-Comstock Projects, Bid #2022-25 for Areas 1, 2 and 3 to American Arbor LLC, low bidder meeting specifications for a total of \$53,701.00.***



C. Request Approval of the Guardrail Installation and Repair Bid #2022-26

The guardrail bid, if awarded to Nashville Construction Company, will begin on September 28, 2022. Nashville Construction Company intends to complete all repairs listed within the 2022-26 bid, by the October 31, 2022 deadline. This guardrail installation and repair bid requires the contractor to provide all the labor, equipment and necessary components/material to complete the work. This guardrail installation and repair bid requires the contractor to provide all the labor, equipment and necessary components/material to complete the work. ***We recommend the Board award the Guardrail Installation and Repair Bid #2022-26 to Nashville Construction Company, sole bidder, meeting specifications, for a total of \$142,500.00.***

D. Request Approval of the Cab and Chassis Heavy Duty Class 8 - Trucks Bid #2022-27

Outlined in our 2023 Proposed Capital Outlay Budget and our 5-year Equipment Capital Improvement Plan is the purchase of four (4) 64,000# Cab and Chassis trucks. Staff is requesting approval from the Board to order now and pay for the equipment in 2023, even though we do not have an approved 2023 budget yet. To secure the trucks and have them delivered in 2023 we need to act now, due to supply shortages and uncertainty from manufacturers as to how many trucks they can build in a given year. We have also struggled with availability and timing to receive the truck components. International HV613 truck meets our specification for drivetrain, frame, and suspension components. The advantage to the International unit is the single frame option, quality construction of the body, cooling system size/configuration, performance, serviceability, and resale value. The International HV613 truck warranty includes: 96 Months/ 300,000 mile engine and aftertreatment warranty and a 60 months / unlimited miles Eaton transmission warranty. West Michigan International bid includes cab and chassis delivery in March 2023. RCKC currently has 4 International HV613 trucks in service and are very pleased with their performance. ***We recommend the Board award the Cab and Chassis, Heavy Duty Class 8 - Trucks Bid #2023-27 to West Michigan International, low bidder, meeting specifications for a total of \$538,153.92.***

E. Request Approval of the Almena Drive at 2nd Street Final Construction Plan Cover Sheet, Oshtemo Township

RCKC and our design consultant, Hubbell, Roth, & Clark (HRC), developed plans and bid documents to realign the intersection of Almena Drive at 2nd Street as part of a High Risk Rural Road (HRRR) safety project in Oshtemo Township. The 2022 Primary Road Capital Improvement Plan (CIP) has this project set to be constructed in 2023. The project includes reconstructing 2nd Street to intersect Almena Drive at a perpendicular angle which will facilitate better sight distance at the intersection. Per the RCKC Community Engagement Policy, staff will also work to schedule an informational meeting in 2023 before construction on the project starts for the residents within the project limits. The Board will be notified of the meeting when a date has been scheduled. ***We recommend the Board approve the Almena Drive at 2nd Street Final Construction Plan Cover Sheet, Oshtemo Township, for the Managing Director's signature.***

Presentation: Township Connect Website Portal by Joanna Johnson, Managing Director

The RCKC introduces Township Connect, an online portal accessible exclusively to Kalamazoo County township officials. This password protected portal on the RCKC website allows township personnel from each of our fifteen Kalamazoo County townships to log in with their unique passwords. Once logged in, users are able to view content and information related to their respective township. Currently, the portal contains: participation fund packets, annual local road contracts, capital improvement plans, service request summaries, township pictures, and more potential for the future. As the portal is utilized and feedback provided, we anticipate additional opportunities. The portal will not include information already available on our public website. Township Connect provides another valuable line of communication and content sharing by the RCKC to our township partners. A thank you to Selena Rider Administrative Assistant and Sarah Phillips Communications Administrator for developing this effort!

September 13, 2022

Chair Int'l _____

Clerk Int'l _____

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 3801 East Kilgore Road, Kalamazoo, Michigan, on Tuesday, September 13, 2022. Commissioner Brennan called the meeting to order at 3:00 p.m.

Present: Thom Brennan, David C. Pawloski, Larry Stehouwer, Michael Boersma, Keisha Dickason arrived at 3:06 p.m.

Also attending: Managing Director Joanna I. Johnson, Operations Director Travis Bartholomew, Finance Director Ann Simmons, Assistant Finance Director Kim Bodner, Assistant Finance Director – HR Debbie Hill, Engineering and Public Relations Director Mark Worden, County Engineer Ryan Minkus, Assistant County Engineer Jim Hoekstra, General Superintendent Bill DeYoung, Assistant General Superintendent Rusty McClain, Apprentice Carson King, Communications Administrator Sarah Phillips, Administrative Assistant – Operations Tara Hendricks, and Administrative Assistant Selena Rider.

Administrative Assistant Rider reviewed public comment guidelines.

Commissioner Stehouwer moved, and it was seconded to approve the agenda as amended. Commissioner Stehouwer shared “Public Comment on Non-agenda Items” was inadvertently omitted after Approval of Payroll and Vendor Accounts. Also, the between streets describing the Michigan Department of Transportation (MDOT) Contract #22-530 was corrected from “Douglas Avenue to M-89” to “D Avenue to M-89”.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma

Commissioner Pawloski moved, and it was seconded to approve the August 30, 2022, regular Board meeting minutes as presented.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma

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

Payroll Account	\$ 140,166.60
Vendor Account	\$ 959,721.49

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma

County Commissioner John Gisler shared Ms. Angelina Barnes is the new Corporate Council. Ms. Barnes resides just north of Lansing and will start her new position on October 11th. He mentioned that he sits in with the Transit Committees including Kalamazoo Area Transportation Study (KATS), Kalamazoo County Transportation Authority (KCTA) and the Central County Transportation Authority (CCTA). He mentioned the last time they met they shared some interesting information. They have twenty-six (26) line haul buses that cover twenty-one (21) routes. They are getting ready to invest in the replacement of batteries for the hybrid buses by utilizing battery kits that cost approximately \$60,000.00 each. Furthermore, a new diesel bus cost \$600,000.00 and a hybrid cost \$900,000.00. He shared everything is moving in the direction of hydrogen fuel powered buses. Although they do not yet exist, they will cost between \$200,000.00 and \$225,000.00. He mentioned the price of equipment keeps going up and hopefully the efficiency and the environment will benefit.

Ms. Sue Jackson of 5891 East UV Avenue mentioned that she applied for a driveway easement on her property that she plans to sell. She was denied and was informed in the last couple of months that she could appeal it. According to the record she did not have enough line of sight. She doesn't understand why her request is being denied when there are new driveways being put in for personal property, businesses and commercial condos. She was told she could apply for a variance at a cost of \$520.00. She owns four (4) acres and would like to sell 2.5 acres. Commissioner Brennan thanked Ms. Jackson and shared that someone will get back with her.

Commissioner Brennan shared we will be entering into a public hearing. He reviewed the special assessment district timeline of events and the project description for Adobe Road – 600' south of D Avenue to D Avenue, Alamo Township. He shared the total estimate is \$212,684.00 for Hot Mix Asphalt (HMA) Base, Leveling and Surface Paving. RCKC contribution would be \$3,238.00 based on estimate. At this time Alamo Township is prepared within their budget to contribute 1% toward the project and no RCKC local road participation funds will be used estimated at \$2,094.46. He shared the Special Assessment District includes five (5) landowners/2053.14 feet of frontage on the described roadway.

Commissioner Boersma moved, and it was seconded to open the public hearing allowing for public comment and objections.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Mr. Jeff Schierbeek, President of Quality Precast Inc., questioned how the payment will be distributed. Commissioner Brennan shared payment options will be discussed once the public hearing is closed in new business. Mr. Schierbeek shared instead of setting a new precedence he would like to see the special assessment done by the foot because the people who are mostly using the road own most of the footage.

Mike VanderWeele, Alamo Township Deputy Supervisor shared the reason the Township is only participating with 1% is because Alamo is a very rural Township with tax dollars stretched thin. By funding this project themselves, would put a hardship on both the Township and residents.

Commissioner Stehouwer moved and it was seconded to close the public hearing.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Managing Director Johnson explained Item A on the Agenda: Request Approval of the Special Assessment First Order of Determination, Public Hearing Regarding Highway Improvement/Final Order of Determination, Establish the Special Assessment District and the Collection of Assessments Resolutions for Adobe Road, Alamo Township. She shared within the packet there was a variety of information including the timeline that was previously read for the public hearing. She reviewed the potential apportionment that the Board can consider based on the benefiting units according to Public Act 246. She mentioned this is a unique situation with a road that has a cul-de-sac as well as the development that occurred that potentially led to our current condition of having a partial road closure. Based on what we heard in public comment is to understand the options the Board has to consider for apportionment for the benefit of the landowners. She shared the Board can choose up to ten (10) years in terms of repayment for our project on this roadway. Typically, in the history of the Road Commission we have not gone any longer than three (3) years and the property owners can choose to pay that ahead of time if they choose with the Township. She shared the apportionment options that we looked at which typically for special assessment districts that we have done in the past have been by parcel versus road frontage. Furthermore, if the Board were to consider the five (5) parcel owners and chose apportionment for benefit units by parcel the estimate would be \$41,470.31. If it was estimated by road frontage at approximately \$100.99 per foot the ownership of DMilham LLC based on their road frontage would be \$47,620.83. Love's Travel Shops has three (3) parcels. One would be \$51,677.47; the second parcel would be \$40,721.22 and the third parcel would be \$41,904.79. The remaining parcel is Schierbeek Properties at \$15,427.23. As we referenced in our last public hearing our team did some traffic counts on that roadway due to its uniqueness to try to help determine if there was one benefiting property based on the development. The first traffic count was completed on May 5, 2022, and at that time 90.3% of the traffic was related to Love's Truck Stop. Following the public hearing we received some additional information that trucks were parking within the cul-de-sac, so we did another traffic count on July 28, 2022. That traffic data showed 95% of the traffic was coming from Love's Truck Stop. For further validation the Road Commission did another traffic count on August 25, 2022, in which the traffic data showed 96% of the traffic was coming from Love's Truck Stop. Should the Board consider in terms of benefiting unit to use the traffic volumes and traffic count then potentially the Board could consider an apportionment for DMilham LLC anywhere from 0-1% based on the traffic volumes, for Schierbeek Properties LLC a range from 0-3% and for the Love's Truck

Stop a range anywhere from 100 – 96% cost of the project based on traffic volumes. She shared all three (3) options and the validation for which the Road Commission did related to traffic counts on Adobe Road because of its unique situation and a different way to consider the apportionment. She mentioned we are coming up to the winter months and pending Board action today we are working hard to not have to go through winter with the road in its current condition. Should the Board take action today we are ready and prepared to do a public bid letting as soon as tomorrow in order to move this project along. Before the Board today there is a variety of different elements and resolutions that must be approved but the key to all of those is that this Board determine the benefit units and how the project should be apportioned among them.

Commissioner Dickason moved and it was seconded for the Board to enter into discussion for Special Assessment Approval.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Commissioner Pawloski questioned if this Road Commission has had experience with approving traffic count special assessments in the past. Managing Director Johnson answered during her tenure this Road Commission has not apportioned a benefit by traffic counts in the past. Furthermore, as advised by legal it is an option for this Board based on this unique situation. She added it is the fairest and most appropriate benefitting apportionment to the landowners. Commissioner Pawloski questioned if other Road Commissions in the area used traffic counts. Managing Director Johnson answered not that she is aware of. Commissioner Pawloski shared that he would like to proceed with traffic counts. Commissioner Boersma shared that Managing Director Johnson mentioned that we had legal opinion from legal counsel indicating that approving it by traffic counts is defensible if the adjoining landowners disagree with how we do things. Managing Director Johnson shared although she does not have a written opinion, it was discussed with the Road Commissions legal counsel and that of the Township. Furthermore, the key is can we show the benefit, and is it properly apportioned based on benefit. Commissioner Brennan added for consideration not only benefit but cause of destruction. Commissioner Boersma agreed and stated that his preference would be the property owner that has the most amount of traffic would pay a share apportionment to the amount of traffic that is being used by that property owner on the road. Commissioner Dickason questioned if legal gave any direction related to the three (3) years or more. Managing Director Johnson explained the Road Commission is fronting the cost of the project and it is up to this Board to determine how long they want to give for repayment with interest. Commissioner Dickason questioned if the figure \$100.99 is per square footage. Managing Director Johnson shared it is per foot based on the parcel size of the frontage. She explained this is based on our estimate of the project. Furthermore, should the project proceed to bid, and it comes in over by 10% we would have to have a new public hearing. Commissioner Stehouwer questioned if we distinguished the difference between passenger vehicle and semis related to traffic count of vehicles. Assistant County Engineer Hoekstra shared we did collect traffic data that included trucks. We had multiple counters and were able to get classification to break down truck versus passenger vehicles. Commissioner Stehouwer questioned when it reflects percentages were we looking at vehicles or traffic. Engineering and Public Relations Director Worden answered the percent of traffic and explained to make it easy we converted trucks into passenger vehicle equivalence. He stated every semi was ten (10) passenger vehicles counted for the weight difference. Managing Director Johnson added it is still movement in and out of that development for both vehicles and trucks. Commissioner Stehouwer questioned about pavement design. Engineering and Public Relations Director Worden shared pavement design was set for our All-Season Road. Commissioner Stehouwer questioned if the proposed road is a similar design. Engineering and Public Relations Director Worden shared the HMA mixture has been upgraded to something similar you would see on state highways. Commissioner Stehouwer shared he is comfortable with the idea of traffic counts and evaluating benefit. Commissioner Brennan shared this is a unique situation. We had a roadway that was in place for many years being utilized with no issues. A new business was introduced which by the nature of their business created extreme conditions on the roadway which basically destroyed the road. His position would be 1% from the Township, 1.5% from the Road Commission and the remainder from Love's Truck Stop. Commissioner Boersma shared that he believes Love's Truck Stop should cover 98% of the project with 1% contributions from the two (2) adjoining landowners not to exceed \$2,126.84. Commissioner Pawloski suggested after the Township and Road Commission's portion that Love's Truck Stop contribute 96%, Schierbeek Properties 3% and DMilham LLC 1%. He explained the 96% is justified within the traffic

counts. Commissioner Dickason shared that she concurs with Commissioner Pawloski. Commissioner Stehouwer shared that he is comfortable with Commissioner Pawloski's suggestion. Commissioner Brennan shared he does not disagree with the justification but disagrees with what caused it and where the responsibility lies. Furthermore, he is very uncomfortable with charging individuals for things they did not cause. Commissioner Stehouwer shared the characteristic of a road is that there are multiple users. In terms of fairness and equity today after township and Road Commission share the balance being distributed at 96% to Love's Truck Stop, and the remaining percent to the other two (2) parcels seems reasonable. We all seem favorable to using traffic counts and he anticipates down the road traffic counts would be weighed as potentially the right way to assess benefits.

Commissioner Dickason moved, and it was seconded to come out of discussion.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Commissioner Pawloski moved, and it was seconded to use traffic counts as the determining factor of benefit setting the special assessment district with the portion to be paid after Alamo Township and the Road Commission's portion with 96% being assessed to Love's Truck Stop, 3% to Schierbeek Properties and 1% to DMilham LLC. Commissioner Boersma shared both Schierbeek Properties and DMilham LLC used the road for years without significant deterioration and Love's Truck Stop has contributed to 98% of the road deterioration and should contribute that amount to rehabilitate the road. He supports the level of 98%, 1% and 1% rather than 96%, 3% and 1%.

Carried by the following vote:

Aye: Pawloski, Stehouwer, Dickason

Nay: Brennan, Boersma

Commissioner Boersma moved, and it was seconded to a 3-year reimbursement to the Road Commission. Commissioner Pawloski shared a few years ago we did a special assessment district in a residential neighborhood, and we approved a seven (7) year reimbursement. Since this is not a residential area, he is open to three (3) years.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Commissioner Stehouwer moved, and it was seconded to approve the Special Assessment First Order of Determination, Public Hearing Regarding Highway Improvement/Final Order of Determination, Establish the Special Assessment District and the Collection of Assessments Resolutions for Adobe Road, Alamo Township.

Resolution of First Order of Determination

Board of County Road Commissioners of the County of Kalamazoo

Adobe Road – 600' south of D Avenue to D Avenue, Alamo Township

WHEREAS a resolution by Alamo Township Board in the Township of Alamo, Kalamazoo County, Michigan, was filed with this Road Commission on June 7, 2022, said resolution requesting certain highway improvements over the following described area:

ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP

Total Estimate is \$212,684.00 for Hot Mix Asphalt (HMA) Base, Leveling and Surface Paving

Said resolution being filed and submitted in accordance with the provisions of Act 246 of Public Acts of Michigan of 1931, as amended, and

WHEREAS, this Road Commission has caused the validity of said resolution to be verified as is required in Section 1 of said Act 246, as amended, this Road Commission having also determined that said resolution meets the requirements and specifications as spelled out in said Act, and this Road Commission has caused plans and specifications to be made, as provided in Section 2 of said Act, and

WHEREAS, Section 4 of said Act requires this Road Commission to make an Order of Determination;

NOW, THEREFORE, BE IT HEREBY RESOLVED, that this Road Commission, in accordance with the provision of Act 246 of the Public Acts of Michigan of 1931, as amended hereby declares that said improvement project is necessary and would be for the benefit of the public welfare and convenience, and herewith makes the First Order of Determination;

September 13, 2022

Chair Int'l _____

Clerk Int'l _____

IT IS FURTHER RESOLVED, that a public hearing upon this declaration of necessity and First Order of Determination shall be held in at the Office of Road Commission of Kalamazoo County, 3801 E. Kilgore Road, Kalamazoo, Michigan, on **September, the 13th day of, 2022 at 3:00 o'clock P.M.**, for the purpose of providing all persons interested an opportunity to appear before the Road Commission and give their reason for or against the granting of the resolution, review the specifications, equalize the apportionments of benefits, make objection to same, and to make the apportionments of costs as provided in said Act. At said hearing the commission shall make final determination of the Special Assessment District and number of annual installments over which said assessments shall be spread, as is provided in Section 9 of said Act.

BE IT FURTHER RESOLVED, that **NOTICE** of this public meeting shall be given by publication, posting and mailing, as is provided in said Act for notices on hearings.

**Resolution of Public Hearing Regarding Highway Improvement/Final Order of Determination
Board of County Road Commissioners of the County of Kalamazoo
ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP**

It is duly noted that less than thirty (30) days have passed since said public hearing and that Section 7 of said Act 246 of the Public Acts of Michigan of 1931, as amended, requires the Road Commission of Kalamazoo County (Road Commission) to take certain action within thirty (30) days after said hearing.

WHEREAS a public meeting has been duly held, pursuant to notice thereof given in accordance with the provisions of Act 246 of the Public Acts of Michigan of 1931, as amended, said public meeting relating to certain highway improvements as requested in a resolution submitted to the Road Commission by the Township Board in the Township of Alamo, Kalamazoo County, Michigan, received by the Road Commission on June 7, 2022.

WHEREAS, final determination of the special assessment district to be assessed for benefits on construction of the proposed improvements and the number of annual installments over which said assessments shall be spread was made at said public meeting, and

WHEREAS, Section 7 of said Act requires the Road Commission to take certain action within thirty (30) days from said public meeting,

NOW, THEREFORE, BE IT HEREBY RESOLVED, that this Road Commission declares and make its Final Order of Determination that the proposed improvement project is necessary and would be for the benefit of the public welfare and convenience, and that the proposed improvement project shall be made in accordance with the final specifications which are herewith adopted, a copy of which is attached to this Final Order of Determination.

BE IT FURTHER RESOLVED THAT all of the statutory and procedural steps and requirements of Act 246 of the Public Acts of Michigan of 1931, as amended have been complied with pertaining to the following special assessment project:

ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP

Total Estimate is \$212,684.00 for Hot Mix Asphalt (HMA) Base, Leveling and Surface Paving

And designate that the special assessment will be spread over a period of **three (3) years**; and that interest at the rate of six percent (6%) per year shall be charged on the unpaid balance of each assessment annually; and that the due date for these assessments shall be delinquent if not paid prior to March 1 of each year hereafter;

WHEREFORE, the Road Commission shall forward the special assessment district tax roll to the Treasurer of Alamo Township for collection as agent for the Road Commission as soon as is practicable following collection of same; and, further, that copy of this Resolution be forwarded to said Township Treasurer and copy to the Kalamazoo County Treasurer.

**Resolution Establishing Special Assessment District
Board of County Road Commissioners of the County of Kalamazoo
ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP**

WHEREAS a resolution by the Township Board in the Township of Alamo, Kalamazoo County, Michigan was filed with this Road Commission of Kalamazoo County (Road Commission) on June 7, 2022, said resolution requesting certain highway improvements over the following described area:

ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP

Total Estimate is \$212,684.00 for Hot Mix Asphalt (HMA) Base, Leveling and Surface Paving

September 13, 2022

Chair Int'l _____

Clerk Int'l _____

Said resolution being filed and submitted in accordance with the provisions of Act 246 of Public Acts of Michigan of 1931, as amended, and,

WHEREAS, this Road Commission duly held a public meeting on July 19, 2022, pursuant to Notice thereof duly given, said meeting relating to the determination of necessity for said project made by this Commission, and thereafter, on September 13, 2022, made its First Order of Determination, all pursuant to the provision of said Act, scheduling this date for a public hearing on said project for the purposes specified in the Notice of this public meeting, which said notice has been duly given, and the said public meeting was duly held on the 13th day of September 2022 at 3:00 p.m. o'clock at the office of the Road Commission of Kalamazoo County, 3801 E. Kilgore Road, Kalamazoo, Michigan 49001,

NOW, THEREFORE, BE IT HEREBY RESOLVED, a special assessment district is established for the as follows:

ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP

Total Estimate is \$212,684.00 for HMA Base, Leveling and Surface Paving

The assessment for the project shall be spread over three (3) equal annual installments; that an interest rate of six percent (6%) per year shall be charged on the unpaid balance of each assessment annually; and that the due date for these installments shall be delinquent of not paid prior to March 1 of each year thereafter.

Resolution of Collection of Assessments

Board of County Road Commissioners of the County of Kalamazoo

ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP

WHEREAS a resolution by Alamo Township in the Township of Alamo, Kalamazoo County, Michigan was filed with this Road Commission of Kalamazoo County (Road Commission) on June 7, 2022, said resolution requesting certain highway improvements over the following described area:

ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP

Total Estimate is \$212,684.00 for Hot Mix Asphalt (HMA) Base, Leveling and Surface Paving

Said resolution being filed and submitted in accordance with the provisions of Act 246 of Public Acts of Michigan of 1931, as amended, and,

BE IT RESOLVED THAT all of the statutory and procedural steps and requirements of Act 246 of Public Acts of 1931, as amended, have been complied with pertaining to the following special assessment project:

ADOBE ROAD – 600' SOUTH OF D AVENUE TO D AVENUE, ALAMO TOWNSHIP

Total Estimate is \$212,684.00 for HMA Base, Leveling and Surface Paving

And it appearing that the special assessments have been spread over a period of **three (3) years**, and it further appearing that interest rate of six percent (6%) per year shall be charges on the unpaid balance of each assessment annually; and that the due date for these assessments shall be December 1 of each year hereafter and shall be delinquent of not paid prior to March 1 of each year hereafter;

WHEREFORE, this Road Commission shall forward the special assessment District tax roll to the Treasurer of Alamo Township for collection as agent who shall remit the monies collected to this Road Commission as soon as is practicable following the collection of same; and further, that a copy of this Resolution be forwarded to Alamo Township Treasurer, and a copy to the Kalamazoo County Treasurer.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Commissioner Dickason moved, and it was seconded to approve the G Avenue at 3rd Street Easement for \$100.00. Managing Director Johnson shared RCKC constructed a project in 2020 on G Avenue from 2nd Street to 6th Street in Oshtemo Township. During the design, we sought an easement from the owners of 4957 N. 3rd Street for grading, drainage, and roadway which was currently outside the right-of-way (ROW). We were unsuccessful in securing this prior to the project and because of the federal funding requirements on the project, were not able to add the work to the 2020 project. Without this easement we are unable to properly provide drainage improvements in that area. After the project, RCKC and our Qualifications Based Selection (QBS) engineering consultant Hubbell, Roth, & Clark (HRC) worked with the property owners to secure this easement so that RCKC could improve drainage after the completion of the project. This is less than ideal, however with the approval of this easement, RCKC is able to clean out the culvert under 3rd Street, install a driveway culvert and restore the driveway to improve flow patterns for drainage on the southwest corner of G Avenue at 3rd Street.

Carried by the following vote:

September 13, 2022

Chair Int'l _____

Clerk Int'l _____

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Commissioner Stehouwer moved, and it was seconded to approve the Michigan Department of Transportation (MDOT) Contract #22-530 North 24th Street and East AB Avenue – D Avenue to M-89 for the Managing Director's signature. Managing Director Johnson shared approval of the contract allows the project to proceed to bid award. The project is in the October MDOT bid letting.

a. North 24th Street and East AB Avenue – D Avenue to M-89

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Commissioner Boersma moved, and it was seconded to approve the MDOT Contract #22-531 North 12th Street – Ravine Road to D Avenue for the Managing Director's signature. Managing Director Johnson shared approval of the contract allows the project to proceed to bid award. The project is in the October MDOT bid letting. Commissioner Stehouwer shared he is pleased to see we are getting these out for bid in the fall for next year. He thanked staff and consultants.

a. North 12th Street – Ravine Road to D Avenue

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Commissioner Stehouwer moved, and it was seconded to approve the MDOT Contract #22-5418 Sprinkle Road – N Avenue to I-94 for the Managing Director's signature. Managing Director Johnson shared approval of the contract allows the project to proceed to bid award. The project is in the December MDOT bid letting.

a. Sprinkle Road – N Avenue to I-94

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

Managing Director Johnson thanked the RCKC team for their work on chip seal and fog seal projects. She also thanked the public for their patience and mentioned to keep up with our remaining projects through our [news releases](#). She shared pavement marking is coming and explained that we only have a few contractors across the state that do this for not only us but for every transportation agency. She shared tomorrow she will be in Traverse City for the Northern Michigan Association Conference for the County Road Association (CRA). Both she and Wakeshma Township Supervisor Jason Gatlin are on the agenda for Thursday morning to discuss how they support local road funding with our Township partners within Kalamazoo County. Last Friday she had the opportunity to participate with Southwest Michigan First Panel on Transportation. She participated with the airport along with Metro Transit Executive Director, Sean McBride. She mentioned both County Commissioner Dale Shugars and Engineering and Public Relations Director Worden also were in attendance. She shared on September 19th we will host Railroad Updates for Local Officials. Both Amtrak and Norfolk Southern representation will also be present. She introduced Apprentice Carson King and explained our Apprenticeship Program is with the U.S. Department of Labor as well as Teamsters Local 214. She shared the Apprenticeship Program has a list of items to be completed including learning about engineering, public process, how roads are funded and the public relations portion of our business. This week Apprentice King is with us in the administration office, and we welcome him and appreciate him being our Apprentice. She mentioned we are working hard on year end items including preparing for our Strategic Planning Session, Board Work Session and our budget. She thanked Administrative Assistant – Operations Hendricks who worked hard on the Special Assessment information.

Commissioner Dickason had no report due to the Board of Public Works (BPW) not having enough items on their agenda.

Commissioner Boersma shared the Environmental Health Advisory Council (EHAC) has not met since July and may potentially meet in September.

Commissioner Stehouwer shared County Parks met on September 1st. They met their staffing needs with summer help, but the summer help is now gone. He mentioned just like everyone else County Parks needs help.

September 13, 2022

Chair Int'l _____

Clerk Int'l _____

They have many bookings at the Expo Center and on the Fairgrounds. They agreed to raise park entrance fees by \$5.00. He shared the cost for an annual pass is \$30.00 and seniors are \$25.00. They are working on the Woollam Family Nature Preserve. They were pleased to receive American Rescue Plan Act (ARPA) funds through the County Commission for various places including the new Woollam Family Nature Preserve. He will be attending the Northern Michigan Association Conference this week along with the County Road Association Self-Insurance Fund (CRASIF) annual meeting tomorrow.

Commissioner Pawloski shared he will be out of town next week. He mentioned he receives a lot of questions as a Road Commissioner about railroads and railroad crossings. He encouraged Township Officials and County Commissioners to attend the Railroad Update scheduled for Monday, September 19th at the Road Commission. He shared this a great opportunity and thanked the Road Commission for putting this together.

Commissioner Brennan shared many are aware of the difficulties and extra work that goes into our projects that involve railroad crossings. It is important for us to establish better relationships and fully understand what is going on to expedite our processes. He thanked everyone for their patience as they worked through today's public hearing.

Commissioner Boersma moved, and it was seconded to adjourn.

Carried by the following vote:

Aye: Brennan, Pawloski, Stehouwer, Boersma, Dickason

The meeting was adjourned at 4:02 p.m.

Attest: Meredith Place, County Clerk

By: _____, Chair _____, Deputy Clerk



Road Commission
of Kalamazoo County

3801 E. Kilgore Road
Kalamazoo, MI 49001
(269) 381-3171
Fax (269) 381-1760
www.kalamazoocountyroads.com

**Summary Report of Cash Receipts and Disbursements
For the September 27, 2022 Board Meeting**

Current Activity

Available funds from previous report	11,920,483.41
Receipts and interest for the current period	240,525.11
Payroll disbursements to be approved today	(143,724.51)
Payables disbursements to be approved today	(4,007,064.48)
Available funds as of September 27, 2022	8,010,219.53

Summary Disbursements

	From	To	
Payroll - pay period ending September 21, 2022			
Checks	86425	86430	45,418.51
Void Checks	86424		0.00
Direct Deposit	17926	17973	98,306.00
Payroll - Longevity			
Checks			0.00
Direct Deposit			0.00
Total Payroll to be approved today			143,724.51
Payables			
Vendor checks	107483	107568	1,624,198.29
ACH Remittance			2,375,503.96
Health Reimbursement Checks	215470	215486	7,362.23
Total Payables to be approved today			4,007,064.48

Available Funds

Cash Balance	6,370,212.40
Interest Bearing Deposits	1,640,007.13
Total Funds Available	8,010,219.53

Ann Simmons
Finance Director

Joanna Johnson
Managing Director

Thom Brennan
Board Chair

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Joanna I. Johnson, Managing Director

CC: Travis D. Bartholomew, Operations Director,
Bill DeYoung, General Superintendent

From: James Page, Road Maintenance Superintendent

Date: September 27, 2022

Re: Winter Maintenance Services Bid #2022-22 Award

Recommended Road Commission of Kalamazoo County (RCKC) Action

We request the Board award the Winter Maintenance Services Bid #2022-22, to Peters Construction Co. with an option to extend annually for up to three (3), one (1) year extensions by the mutual agreement of both parties.

We request the Board award the Winter Maintenance Services Bid #2022-22, to Maintenance Masters Inc. with an option to extend annually for up to three (3), one (1) year extensions by the mutual agreement of both parties.

Background

Our winter maintenance operations include a mix of fixes to accomplish winter maintenance services based on current service expectations. These include: RCKC Road Maintenance Operators (RMO), Contractors (option 1 below), Contracted Commercial Driver's License (CDL) operators (using RCKC equipment) (option 2 below) and Temporary Seasonal CDL operators (option 3 below).

We currently have 36 RCKC trucks available for service this upcoming winter season. Our current winter maintenance program requires 37 Road Maintenance Operators (RMO) / Contractors / Seasonal employees typically working three (3) shifts to retain our present level of winter maintenance services. It has become more challenging for all industries to find individuals with a CDL which is required for our work, and we currently have 14 Road Maintenance Operators and Mechanic openings.

Staff will update the Board on our winter maintenance plan for the upcoming winter season at our October 25, 2022, Board work session.

RCKC has used multiple options to maintain our level of service to the public including:

1. **Contractors:** Prior to 2012, RCKC utilized contractors which included a CDL operator and equipment at a hourly rate to assist with our winter maintenance services. After the cost of this option escalated beyond the cost to operate our equipment, we adjusted our operations to include contracted CDL drivers operating our plow trucks. The average hourly cost to operate RCKC equipment capable of performing winter maintenance activities is \$224.48 per hour, which includes labor and all winter equipment.
2. **Contracted Commercial Driver's License (CDL) operators (using RCKC equipment):** In past years we have also taken bids for winter maintenance services in platted areas such as Richland/Ross Gull Lake Plats, Cooper Township Plats, as well as Comstock, Oshtemo and Texas

Township Plats. These areas were viable options because the size and type of the equipment that could be used in these areas could vary in size and type.

3. **Temporary Seasonal CDL Operators:** We will also continue utilizing temporary services to provide seasonal CDL operators. We have utilized an employment agency for winter/summer seasonal help in various capacities. This option has worked for the RCKC on a small scale; however, this continues to be difficult to find numerous CDL seasonal operators that have the skills and ability to perform at our expectation level and based on industry needs. To retain these seasonal CDL pool of operators we have found it necessary to provide the option of 40 hours/week throughout the season. RCKC has also offered a retention bonus for seasonal CDL operators that complete the entire season. This effort also assists to cover temporary absences by RCKC RMOs as needed in the winter.

Our Winter Maintenance Services bid allows local, professional CDL drivers from various freight, excavation, construction, landscaping, forestry, and agricultural businesses to bid 3 options for winter maintenance services on an “as needed basis”. These contractors assist in our winter operations primarily in platted/subdivision areas.

RCKC has utilized contracted winter maintenance services for plats including the Davies, Cooper, Gull Lake, Rudgate, Colony Woods, Texas Heights and Westport Plats with Maintenance Masters Inc., Peters Construction Company and ELC Leasing Corporation during the 2021-22 season. This RCKC bid includes additional contracted areas to our 2022-23 winter maintenance program including (Lampighter, Oshtemo Ridge, Quail Run, Springwood Hills, and Barrington Shores plats) and 2 routes in Alamo and Charleston Townships, which are included in the Winter Maintenance Services Bid #2022-22. The additional areas were added based on our overall RCKC staffing limitations.

A public bid notice was provided to contractors and construction/bidding entities, as well as the posting on our website. RCKC staff also made contact by phone with many other winter maintenance contractors in an effort to generate interest in this bid. In addition to the various building industry associations, we had eleven (11) downloads for this bid.

ELC Leasing Corporation currently holds a contract for Colony Woods and Texas heights in Texas Township. They also have a contract for an hourly rate. They did submit a bid for Springwood Hills plat, but were not low bidder.

Maintenance Masters, Inc submitted a bid for Davies, Springwood Hills, Gull Lake, Barrington Shores and Rudgate plats. Their last contract included Davies, Gull Lake, and Rudgate plats and expired on 4/30/2022. They currently have an active contract for Cooper Township platted roads which expires on 12/01/2023. Maintenance Masters has been performing snow removal for RCKC since 2018 on these platted roads and we are confident they are capable of providing winter maintenance services in Springwood Hills and Barrington Shores plats also. RCKC staff recommends the Board award to Maintenance Masters Inc. for an overall total of \$4,442.00 per event for 6” or less and \$6,670.00 per event for more than 6” in Davies, Springwood Hills, Gull Lake, Barrington Shores and Rudgate plats.

Peters Construction Company submitted a bid for the Westport plat in Oshtemo Township. They performed snow removal from 10/30/2018 until contract expiration date of 4/30/2022. Their snow removal efforts have always been positive. RCKC staff recommends the Board award to Peters Construction Inc for a total of \$2,700.00 per event for 6” or less and \$5,300.00 per event for more than 6” in the Westport plat.

Listed below is a summary of the RCKC Winter Maintenance Services Bid #2022-22 options in the bid:

Options:

1. **Bid contracted drivers with contractor's equipment, with a minimum of 160 hours guaranteed.**
- one bid
Powers Property Management
2. **Bid contracted drivers to operate RCKC equipment, with a minimum of 160 hours guaranteed.**
- no bid
Staff has inquired with many contractors throughout the area, and they do not bid this option because of a lack of CDL operators.
3. **Bid designated platted areas to perform snow and ice removal operations with contractor equipment at a per event rate.**
- 4 bids
Maintenance Masters Incorporated, Peters Construction Company, Powers Property Management, and ELC Leasing Corporation.

Staff has been communicating with other contractors to solicit interest in bidding winter maintenance services for RCKC. We may advertise another winter maintenance bid in 2022 based on new interest gained from conversations with other contractors. For the 2022/23 winter season current contractors include: ELC Leasing Corporation, and if this bid is awarded, will also include Maintenance Masters Inc. and Peters Construction Company. Areas not awarded will continue to be covered by our RCKC team.

We continue to investigate, perform trials, and implement a variety of adjustments to accomplish our goal to continue providing timely, effective winter maintenance services for the public. We have outlined numerous improvements below, beyond labor, which have assisted us sustain our level of service for the previous seasons and will continue to review, revise, and innovate these tools for the upcoming season.

- **Equipment:** With a current total of 28 units with wing plow attachments in service, we will be able to provide more efficient service. RCKC has also purchased a second liquid deicer unit for the 2022/23 winter season.
- **Collaboration and Anti-icing /Deicing Material:** RCKC will continue to allow the Michigan Department of Transportation (MDOT) units to utilize RCKC salt/Boost (liquid deicer) from our facility and in return RCKC is able to use salt/Boost from MDOT facility on M-43/US131. The availability of salt/Boost at this location has increased the efficiency of our snow routes in the northwest portion of the county. We also are storing salt/sand mix at the M-43/MDOT location allowing district drivers access to additional material without returning to our facility. RCKC will continue to utilize our current liquid anti-icer / deicer unit, as well as our new unit purchased this spring for the 2022/23 season. Last year we found that our liquid anti-icer / deicer unit is effective for pre-treating our primary snow routes with Boost prior to a snow event. This creates a barrier between the snow and the asphalt making for easier removal even after it becomes packed down by traffic. The pre-treatment of roads is weather and temperature sensitive. The liquid deicer unit is also effective to de-ice roads that have become ice packed.
- **Winter Maintenance Program:** We continue to evaluate our current snow routes and districts and utilize the new equipment in areas which gain the most efficiency. It is important to note our practice of service expectation and priorities has been communicated in our [Winter Maintenance Brochure](#). This level of winter maintenance services expectation will be compromised based our ability to fulfill CDL labor shortages much like we have seen with garbage services, bus services, etc. across our State. We compete with our regional public industries and private companies. We will continue to work on our recruiting and retention efforts for the RCKC to be an employer of choice. These efforts

are impacted across many areas including leadership, fiscal constraints, policies, facilities, equipment, material, labor skills, etc.

Alternatives

Reject the bidders for the Winter Maintenance Services Bid #2022-22 and seek other alternatives or specifications.

Budget

The approved 2022 Budget for winter maintenance is \$1,945,000. YTD, we have spent \$1,535,056. In 2021, we spent \$1,699,464.

The approved 2022 Budget for contracted winter maintenance, 951000, is \$45,000 for primary roads and \$450,000 for local roads. YTD, we have spent \$2,139 for primary roads and \$239,634 for local roads. In 2021, we spent \$14,061 for primary roads and \$324,900 for local roads.

The approved 2022 Budget for winter maintenance by our RCKC team 519000, is \$950,000 for primary roads and \$500,000 for local roads. YTD we have spent \$710,703 for primary roads and \$582,580 for local roads. In 2021, we spent \$876,594 for primary roads and \$483,909 for local roads.

Summary

We recommend the Board award the Winter Maintenance Services Bid #2022-22, to Peters Construction Co. with an option to extend annually for up to three (3), one (1) year extensions by the mutual agreement of both parties.

We recommend the Board award the Winter Maintenance Services Bid #2022-22, to Maintenance Masters Inc. with an option to extend annually for up to three (3), one (1) year extensions by the mutual agreement of both parties.



Road
Commission
of Kalamazoo
County

BID TABULATION

Bid Number: **2022-22**
 Bid Item: **WINTER MAINTENANCE SERVICES**
 Bid Opening Date: **September 13, 2022 10:00am**
 Bid Award Date: **September 27, 2022**
 Contract Term: **Winter season of 2022-23 with option for three (3) - one (1) year**

1. WINTER MAINTENANCE CONTRACT OPERATOR/DRIVER

<u>Winter Season</u>	<u>Hourly Rate per Operator/Driver</u>	<u>Minimum Seasonal Hours per 1 Operator</u>	<u>Minimum Seasonal Price (Hourly Rate X 160 Hours)</u>
2022/23	\$	160 hours	\$
	\$	160 hours	\$

2. WINTER MAINTENANCE CONTRACT OPERATOR/DRIVER AND EQUIPMENT

Make:	Ford Louisvill	GVW:	54000
Model:	Tandem Underbody Blade	Year:	2000
		Power Train:	CAT
<u>Winter Season</u>	<u>Hourly Rate Operator/Driver & Equipment</u>	<u>Minimum Seasonal Hours per Unit</u>	<u>Minimum Seasonal Price (Hourly Rate X 160 Hours)</u>
2022/23	\$	160 hours	\$
Powers Property MGT	\$225.00	160 hours	\$36,000.00

Make:	Internationa Workstar	GVW:	60000
Model:	7600 Underbody with Wing	Year:	2004
		Power Train:	Cummins
<u>Winter Season</u>	<u>Hourly Rate Operator/Driver & Equipment</u>	<u>Minimum Seasonal Hours per Unit</u>	<u>Minimum Seasonal Price (Hourly Rate X 160 Hours)</u>
2022/23	\$	160 hours	\$
Powers Property MGT	\$225.00	160 hours	\$36,000.00

**3. WINTER MAINTENANCE CONTRACT OPERATIO/DRIVE AND EQUIPMENT FOR PLATTED
AREAS**

<u>Davies Plat</u> <u>Comstock Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$
Maintenance Masters Inc	\$1,062.00	\$1,593.00

<u>Westport Plat</u> <u>Oshtemo Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$
Peters Construction Co.	\$2,700.00	\$5,300.00
Powers Property MGT	\$2,350.00	\$3,650.00
<u>Quail Run, Lamplighter, Oshtemo Ridge</u> <u>Oshtemo Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$

<u>Springwood Hills</u> <u>Oshtemo Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$
ELC Leaning Corporation	\$1,500.00	\$3,000.00
Powers Property MGT	\$250.00	\$450.00
Maintenance Masters Inc	\$375.00	\$560.00

<u>Gull Lake Plats</u> <u>Richland Twp</u> <u>Ross Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$
Maintenance Masters Inc	\$560.00	\$850.00

<u>Barrington Shores</u> <u>Texas Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$
Powers Property MGT	\$650.00	\$1,450.00
Maintenance Masters Inc	\$420.00	\$630.00

<u>Rudgate Plat</u> <u>Texas Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$
Powers Property MGT	\$2,250.00	\$3,500.00
Maintenance Masters Inc	\$2,025.00	\$3,037.00

<u>Kalamazoo East</u> <u>Kalamazoo Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$

<u>Kalamazoo West</u> <u>Kalamazoo Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$

<u>All roads and platted areas with the township</u> <u>Alamo Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$

<u>All roads and platted areas with the township</u> <u>Charleston Twp</u>	<u>1" to 6" Snowfall</u>	<u>More than 6" of snowfall</u>
2022/23	\$	\$
Powers Property MGT	\$3,900.00	\$6,000.00

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Joanna I. Johnson, Managing Director

From: Jim Page, Road Maintenance Superintendent

Cc: Travis D. Bartholomew, Operations Director
Bill DeYoung, General Superintendent

Date: September 27, 2022

Re: Tree Work #5- Comstock Projects, Bid #2022-25 Award

Recommended Road Commission of Kalamazoo County (RCKC) Action

We request the Board award Tree Work #5-Comstock Projects, Bid #2022-25 for Areas 1, 2, and 3 to American Arbor LLC, low bidder meeting specifications for a total of \$53,701.00.

Background

The Tree Work #5 bid includes the tree removals and pruning for Comstock local road paving projects to be completed in 2022. The tree removal and pruning bid specifications for these projects include an October 15, 2022, deadline for completion.

Numerous tree inspection requests from RCKC staff, property owners or concerned citizens are sent to the Forester's attention. Trees for either pruning or removal are also identified as part of projects. Trees meeting guidelines for removal or pruning are identified and scheduled based on our current [Roadside Vegetation Management Policy](#) and are identified as:

- An immediate safety concern that would impede the safety of the traveling public, as determined by RCKC. (Typically removed by RCKC crew or through the quote process as the need for service is immediate)
- Tree pruning to maintain minimal overhead or shoulder clearance.
- Removed as part of a preservation or structural improvement road project.
- Storm Damage cleanup, if the property owner requests assistance with cleaning up the fallen debris originating from within the road right-of-way (ROW), within 15 days of the tree/limb falling in the road and placed to the edge of the ROW by emergency crews.

Trees are the property of the landowner so prior to soliciting any tree bids/quotes or RCKC crew tree pruning/removal work, property owners are sent a tree removal notification form to fill out and return to the RCKC. This form outlines options on how the property owner would like their tree handled once it is pruned or felled, i.e., haul, leave, etc. The completed tree removal notification form assists with the scheduling of crews, equipment, and contractor bid pricing. If this form is not returned within two weeks of being sent out then all wood will be left on site, outside of the ROW in ROW by user areas and will be hauled from deeded ROW areas. The process for addressing storm damage tree removal service requests may take up to one (1) year as they do not represent an immediate hazard to the traveling public, RCKC focuses its efforts on higher priority service requests such as culvert repair, potholes, sight obstructions, etc. opting to do storm damage tree removal when other road hazard service requests are caught up or weather conditions prevent those higher priority activities.

Our [tree removal brochure](#) also assists to outline the many aspects of our work related to trees. Many trees are scheduled for removal or pruning by RCKC crews as time allows. Due to the volume of work or complex

site conditions, many tree pruning/removal “jobs” are scheduled for completion by bids or quotes by qualified contractors.

We sent out a public bid notice to contractors and construction/bidding entities, as well as the posting on our website. In addition to the various building industry associations, we had six (6) downloads of the bid and received three (3) bid proposals.

RCKC received and opened three (3) bids for this bid. This bid contains three (3) areas located within the Comstock Township local road system with a total of two hundred and seven (207) tree removals/prunes. This is the fifth tree bid for 2022.

Tree Bid #1 Barney Road 2022-05	American Arbor	\$26,325.00
Tree Bid #2 Countywide	Always There Tree Care LLC	\$31,800.00
Tree Bid #2 Countywide	K&H Tree Service	\$29,734.00
Tree Bid #2 Countywide	American Arbor	\$8,865.75
Tree Bid #3 Countywide	Treeworks, Inc	\$3,000.00
Tree Bid #3 Countywide	K&H Tree Service	\$8,850.00
Tree Bid #3 Countywide	American Arbor	\$22,448.75
Tree Bid #4, Projects	American Arbor	\$3,120.00
Tree Bid #4, Projects	K&H Tree Service	\$59,400.00

American Arbor, LLC. has performed work for the RCKC in the past and their work performed to date has been completed to RCKC specifications. American Arbor is confident that they can complete the work before the October 15, 2022 deadline. American Arbor, LLC. intend to schedule the work immediately following Board approval.

Alternatives

Reject all bids and re-bid. However, this alternative may not result in additional bids other than what was received and would delay the tree work timelines.

Budget

We have spent \$535,490 for tree pruning and removal for various construction projects, maintenance, and storm emergency cleanup based on invoices processed YTD. In 2021, we spent \$791,269. We will have additional bids this year.

	<u>2021</u>	<u>Budget 2022</u>	<u>Processed YTD 2022</u>
Projects			
RCKC (Preser/Struct Improvements)	52,746	N/A	31,625
Contractor (Preser/Struct Improvements)	46,309	N/A	29,795
Total	99,055	N/A	61,420
Routine Maintenance			
RCKC (321000) - Primary	13,947	30,000	5,708
Contractor (935000) - Primary	53,742	50,000	40,993
RCKC (321000) - Local	36,206	25,000	5,163
Contractor (935000) - Local	126,240	100,000	89,034
Total	230,135	205,000	140,898
Storm Emergency Cleanup			
RCKC (336000) - Primary	84,265	60,000	39,493
Contractor (936000) - Primary	2,856	10,000	538
RCKC (336000) - Local	357,956	180,000	283,390
Contractor (936000) - Local	17,002	20,000	9,751
Total	462,079	270,000	333,172
Total Tree Pruning & Removal	791,269		535,490
<i>Note: Excludes fringe and overhead</i>			

Summary

We recommend the Board award Tree Work #5-Comstock Projects, Bid #2022-25 for Areas 1, 2 and 3 to American Arbor LLC, low bidder meeting specifications for a total of \$53,701.00.



Road
Commission
of Kalamazoo
County

Bid Number: **2022-25**

Bid Item: **Tree Bid #5, Comstock Projects**

Bid Opening Date: **Tuesday, September 13, 2022 at 10:30am**

Bid Award Date: **Tuesday, September 27, 2022**

Contract Term: **Completed by October 15, 2022**

Bidder	AREA 1 - COMSTOCK	AREA 2 - COMSTOCK	AREA 3 - COMSTOCK
American Arbor LLC	\$16,965.00	\$24,036.00	\$12,700.00
Treeworks, Inc	\$23,500.00	\$44,000.00	\$25,000.00
Always There Tree Care LLC	\$28,000.00	\$33,800.00	\$24,500.00

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Joanna I. Johnson, Managing Director

From: James Page, Road Maintenance Superintendent

CC: Travis Bartholomew, Operations Director
Bill DeYoung, General Superintendent

Date: September 27, 2022

Re: Guardrail Installation and Repair Bid #2022-26 Award

Recommended Road Commission of Kalamazoo County (RCKC) Board Action

We request the Board award the Guardrail Installation and Repair Bid #2022-26 to Nashville Construction Company, sole bidder, meeting specifications, for a total of \$142,500.00

Background

The 2022 guardrail installation and repair bid include numerous primary and local road sites throughout the county in which the guardrail system does not meet current Michigan Department of Transportation (MDOT) standards or is damaged and in need of extensive repairs. The non-conforming or damaged sites are typically protecting motorists from bridge/culvert structures or steep embankments and need replacement due to vehicle damage, deteriorated post, minimal rail span and outdated impact end assemblies.

When guardrail damage is due to vehicle crashes, staff attempts to seek reimbursement with the driver's auto insurance carrier, when known. Staff receives monthly reports (UD10's) from the Kalamazoo County Sheriff's Department to assist with identifying damaged areas and responsible parties for invoicing.

The 2022-26 guardrail installation and repair bid requires the contractor to provide all the labor, equipment and necessary components/material to complete the work. RCKC has contacted and discussed the locations of repair/installation described and is confident that Nashville Construction Company understands the scope of repair required for each location and can meet the RCKC specifications.

Since the first bid, 2022-20, a large quantity of damaged or below MDOT standard guardrail was identified by RCKC team, and the service request system. RCKC found it necessary to advertise a second bid. There are 10 guardrail locations that require repair and/or replacement in this bid.

Prior to the 2022-20 bid, RCKC used to bid a per foot cost for replacement and repair of guardrail countywide, which gave us the option to add more projects throughout the term of the bid without re-bidding projects. The 2022-20 guardrail installation and repair bid format was changed to a per location bid due to the fluctuation in pricing for steel products. Contractors informed us that they would not be able to bid a per foot cost and honor that for an entire year. Pricing for per foot cost for replacement and repair option was included in the 2022-26 bid and RCKC received no bids due to still fluctuating market costs.

The guardrail bid, if awarded to Nashville Construction Company, will begin on September 28, 2022. Nashville Construction Company intends to complete all repairs listed within the 2022-26 bid, by the October 31, 2022 deadline, as stated in the bid documents.

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 seven (7) downloads of the bid specifications and received one (1) bid proposal.

Nashville Construction Company is the sole bidder for our guardrail installation and repair bid. Nashville Construction Company is a Michigan Department of Transportation (MDOT) prequalified contractor for guardrail installation and repair. Nashville Construction Company is based in Nashville, Michigan and has satisfactorily completed guardrail installation and repair for RCKC in the past, including the most recent bid 2022-20.

We have verified that Nashville Construction Company is aware our bid specifications require the contractor to supply all guardrail components in addition to the labor to complete the work described in the bid RCKC has also confirmed Nashville Construction Company will comply with our liability insurance requirements, fleet end configuration, material handling and disposal requirements, progress reports, completion date, and other terms of the bid.

Alternatives

There are few alternatives as rebidding justification is not applicable at this time and purchasing materials for our RCKC team to perform the work would not meet our already limited capacity demands.

Budget

The approved Routine Maintenance 2022 Budget for Contracted Guardrails, 944000, is \$150,000 for primary roads and \$150,000 for local roads. Year-to-date, we have spent \$36,581 for primary roads, and \$45,145 for local roads. In 2021, we spent \$32,680 for primary roads, and \$7,627 for local roads. For guardrail bids each site requires different components, i.e., buffered ends, impact heads, wood or steel, etc., it is challenging to compare pricing exactly from one bid to another. Nashville Construction Company has said prices of components, labor, material, etc. have increased, but was unable to provide by how much.

Summary

We recommend the Board award the Guardrail Installation and Repair Bid #2022-26 to Nashville Construction Company, sole bidder, meeting specifications, for a total of \$142,500.00.



Road
Commission
of Kalamazoo
County

Bid Number: 2022-26

Bid Item: Guardrail Installation and Repair

Bid Opening Date: Tuesday, September 13, 2022, 10:15 am

Bid Award Date: Tuesday, September 27, 2022

Contract Term: To be completed by October 31, 2022

	Nashville Construction Company
<u>2022 Guardrail Installation and Repair</u>	<u>Project Total</u>
Charleston Township	
1) 36 th Street north of ML Avenue-dead end gravel road	\$20,000.00
Comstock Township	
1) East G Avenue across from 8707	\$12,500.00
2) Josephine Street at Shields Street	\$8,500.00
Cooper Township	
1) Douglas Avenue north of W. G Avenue near 5257	\$20,000.00
2) Douglas Avenue at 9597	\$7,500.00
3) N. 14 th Street south of W. F Avenue	\$12,500.00
Kalamazoo Township	
1) E. Michigan Avenue at Nazareth Road	\$12,500.00
Oshtemo Township	
1) S. 4 th Street south of W. ML Avenue	\$9,000.00
Pavilion Township	
1) S Avenue between S. 32 nd Street and S. 33 rd Street	\$15,000.00
2) S. 32 nd Street between E. OP Avenue and E. O Avenue	
Option #1	\$25,000.00
Option #2	NO BID
Option #3	NO BID
TOTAL FOR ALL GUARDRAIL	\$142,500.00
Estimated Project Start Date:	09/26/2022

Description	Unit of Measure	Unit Price
New installation of W- beam guardrail including posts, offset blocks, reflectors, delineator assemblies, impact heads, hardware, etc.	linear Foot	NO Bid
New installation of Thrie- beam guardrail including posts, offset blocks, reflectors, delineator assemblies, impact heads, hardware, etc.	linear Foot	NO Bid
Re-alignment of existing guardrail	linear Foot	NO Bid
Guardrail W-panels with post and hardware installation	linear Foot	NO Bid
Guardrail Thrie beam-panels with post and hardware installation	linear Foot	NO Bid
Fleat 350 extruder head replacement to include first and second post assembly, cable and anchor box assembly, panel #1, etc.	Each	NO Bid
		NO Bid
		NO Bid
		NO Bid
Guardrail W-panels (purchasing used)	linear Foot	NO Bid
Guardrail Thrie beam-panels (purchasing used)	linear Foot	NO Bid

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Joanna I. Johnson, Managing Director

From: Tony Allen, Road Maintenance Superintendent

Cc: Bill DeYoung, General Superintendent, Travis Bartholomew, Operations Director

Date: September 27, 2022

Re: Cab and Chassis, Heavy Duty Class 8 – Trucks, Bid #2022-27 Award

Recommended Road Commission of Kalamazoo County (RCKC) Action

We request the Board award the Cab and Chassis, Heavy Duty Class 8 - Trucks Bid #2022-27 to West Michigan International, low bidder, meeting specifications for a total of \$538,153.92.

Background

Outlined in our 2023 Proposed Capital Outlay Budget and our 5-year Equipment Capital Improvement Plan is the purchase of four (4) 64,000# Cab and Chassis trucks.

Staff is requesting approval from the Board to order now and pay for the four (4) cab and chassis' in 2023, even though we do not have an approved 2023 budget yet. To secure the trucks and have them delivered in 2023 we need to act now, due to supply shortages and uncertainty from manufacturers as to how many trucks they can build in a given year. To secure the trucks for delivery in March of 2023 we need to act now. This need for pre-empted action is due to supply shortages, and manufacturers inability to guarantee availability of how many trucks they can build each year. We have also struggled with availability and timing to receive the truck components. The underbody scrapers, wing plows, hydraulic systems, controls, and components for new trucks are scheduled for purchase in 2024, but will need to be ordered by December of 2022, to ensure timely delivery.

These new units will replace 4 current units that are approaching, or have reached, the end of their life cycles and are being less reliable in our fleet. . We will make the final determination of which units will be taken out of service prior to delivery. Staff considers many factors when replacing units including, engine hours, age of unit, net gain/loss per unit and repair history.

Currently RCKC has 12 Mack, 12 International, and 12 Peterbilt plow trucks in the fleet. The average age of our fleet is 7.8 years with one-third of our fleet being over 14 years old. Our oldest plow truck is 22 years old. The goal is to have a 15-year replacement to keep our fleet in good shape and remain fiscally responsible. Our current 5-year equipment capital improvement plan is to purchase four (4) cab and chassis every other year with the additional truck components planned for the next fiscal year to complete the truck builds in time for the upcoming winter season.

Staff contacted Western Star, Peterbilt, International, Mack, Freightliner and Kenworth, to solicit either MiDeal or Sourcewell governmental joint purchasing program quotes. The results were as follows:

- Western Star (D&K Truck) – Could not provide a quote as they did not have pricing yet and their allotment of trucks for the year were already spoken sold.
- Peterbilt (JX Peterbilt) – Could not provide MiDeal or Sourcewell pricing for 2023.

- International (West Michigan International) – Provided anticipated Sourcewell pricing, of \$142,302.61 (475 HP, 10 speed transmission option) and \$144,796.60 (515 HP, 13 speed transmission option/These were “do not exceed numbers” as they did not have a firm Sourcewell price)
- Mack (M&K Truck) – Did not respond with pricing.
- Freightliner (Freightliner of Grand Rapids) – Could not provide a quote to meet our specifications. Stated their engineering team was researching approval and compatibility of specifications such as, 455mm wide drive tires and wheels, dash switch quantity, and under seat, in-cab battery box mounting.
- Kenworth (Kenworth of Grand Rapids) – Did not provide pricing.

Based on the quote information, the team advertised a public bid to solicit dealership pricing options on these units. The public bid option allows truck dealerships an opportunity to provide pricing other than MiDeal or Sourcewell governmental purchasing programs. The bid responses were as follows:

- West Michigan International - \$538,153.92 total \$134,538.48 each
- JX Truck Center (Peterbilt) - \$688,720 total \$172,180.00 each

The bid pricing at this time, based on the uncertainty in the governmental purchasing program, is in the best interest of the RCKC.

West Michigan International bid an International model HV613, class 8, tandem axle drive, cab/chassis. is a truck with a very durable cab and body structure placed on a class 8 powertrain, suspension, and frame structure. Highlights of the powertrain include, 475 horsepower 1700 lb-ft torque, A26 diesel engine with an Eaton Fuller UltraShift 10 speed transmission. Chassis components include a ½ inch frame rail, disk brakes, under seat battery box with Absorbent Glass Mat (AGM) batteries.

The manufacturer states advantages to the International HV613 truck include:

- New door, side glass and mirror designs improve lateral visibility and workplace safety
- Available premium gauge cluster designed with driver input is customizable with virtual gauges
- Best-in-class Diamond Logic® electrical system with new industry-standard J1939 architecture
- Easy-access column-mounted shifter integrated with engine braking helps keep hands on the steering wheel
- All-new HVAC system, designed for reliability, now includes a high-performance MAX defrost feature

International also includes a ½' thick, single chassis frame option that meets our specifications for strength without requiring 2 frame rails fitted together. The single frame rail eliminates rust jacking, which we currently experience with some of our current trucks that have the 2 frame rail configuration, which is one of the primary long-term failures in our fleet.

RCKC team input includes:

- International HV613 truck – overall superior truck dependability, as well as increased power, better handling, and in-cab driver comfort.

International HV613 truck meets our specification for drivetrain, frame, and suspension components. The advantage to the International unit is the single frame option, quality construction of the body, cooling system size/configuration, performance, serviceability, and resale value. The International HV613 truck warranty includes: 96 Months/ 300,000 mile engine and aftertreatment warranty and a 60 months / unlimited miles Eaton transmission warranty.

West Michigan International bid includes cab and chassis delivery in March 2023. RCKC currently has 4 International HV613 trucks in service and are very pleased with their performance.

Alternatives

Delay the purchase until 2023, however this would delay delivery of units and most likely an increase in cost.

Budget

Our 2022 Capital Outlay Budget included Cab and Chassis (64,000#) (4) which were carried over from 2021 for final amount of \$465,578.44 (\$116,394.61 each) and 4 Truck Attachments totaling \$546,589.

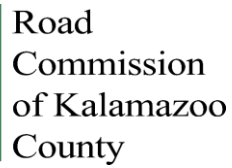
Our 2023 Proposed Capital Outlay Budget will include \$600,000 for the purchase of (4) 64,000# Cab and Chassis units. This purchase was also outlined in our 5-year Equipment Capital Improvement Plan. The total amount of this purchase would be \$538,153.92 (\$134,538.48 each) for a savings of \$61,846.08 from our estimated budget.

The last purchase of cab and chassis trucks in 2022 was \$491,395, the proposed purchase price for 2023 is \$538,153.92 which is an 9% increase.

The RCKC team is requesting approval of this purchase prior to the 2023 Budget approval. This bid would secure the price and units anticipated delivery in the Spring of 2023. RCKC staff is aware of repeated price increases and lack of availability of products due to supply chain problems. This would allow us to follow our 5-year Equipment Capital Improvement Plan as scheduled.

Summary

We recommend the Board award the Cab and Chassis, Heavy Duty Class 8 - Trucks Bid #2023-27 to West Michigan International, low bidder, meeting specifications for a total of \$538,153.92.



BID TABULATION

Bid #: **2022-27**

Bid Item: Cab and Chassi, Heavy Duty Class 8-Trucks

Bid Opening Date: **Tuesday, September 13 2022 at 10:00 am**

Bid Award Date: **September 27, 2022**

Contract Term: **One time purchase**

[illegible]

Memo

To: Board of County Road Commissioners of the County of Kalamazoo,
Joanna I. Johnson, Managing Director

From: Jim Hoekstra, PE, Assistant County Engineer

CC: Ryan Minkus, PE/PTOE, County Engineer

Date: September 21, 2022

Re: Almena Drive at 2nd Street, Oshtemo Township, Final Construction Plan Cover Sheet

Recommended Road Commission of Kalamazoo County (RCKC) Action

We request the Board approve the Almena Drive at 2nd Street Final Construction Plan Cover Sheet, Oshtemo Township, for the Managing Director's signature.

Background

RCKC and our design consultant, Hubbell, Roth, & Clark (HRC), developed plans and bid documents to realign the intersection of Almena Drive at 2nd Street as part of a High Risk Rural Road (HRRR) safety project in Oshtemo Township. The 2022 Primary Road Capital Improvement Plan (CIP) has this project set to be constructed in 2023. The project includes reconstructing 2nd Street to intersect Almena Drive at a perpendicular angle which will facilitate better sight distance at the intersection. Almena Drive is currently listed as an all-season route and would continue to be all-season with the project completion. It is also listed on the [Oshtemo Township Truck Route Map](#) with no directional limitations. Almena Drive from 2nd Street to Van Kal Street and 2nd Street from Almena Drive to M-43 are on the RCKC Non-motorized Master Plan, the Kalamazoo Area Transportation Study (KATS) bike routes, and on the Oshtemo Non-motorized plan and will continue to be upon project completion. HRC has completed the design of the project and is ready to submit final plans to the Michigan Department of Transportation (MDOT) Local Agency Program (LAP) for obligation of the Federal funds for the project for the January 2023 MDOT bid letting.

There are approximately 32 trees within the ROW to be removed and 4 trees requiring pruning with this project of varying size. Tree work will be completed prior to March 31st to avoid possible disturbance to the endangered bat species. Our tree removal notification process will be followed and coordinated by HRC prior to the start of construction.

Temporary grading permits and ROW easements were required for this project and have been secured. Easement were approved by the RCKC Board on the July 5th Meeting.

Additionally, per the RCKC Community Engagement Policy, staff will also work to schedule an informational meeting in 2023 before construction on the project starts for the residents within the project limits. The Board will be notified of the meeting when a date has been scheduled.

Alternatives

The Board could elect to not approve the design plans; however, staff does not recommend this alternative as these are necessary for construction of the project as designed and Federal funding has been granted.

This project has been designated by the RCKC Board in the RCKC 2022 and 2023 Primary Road CIP. An alternative would be to delay the project to a later letting. Staff does not recommend this alternative as prices tend to increase further in the construction season and obligation of the federal funds is on a first come, first served basis.

Budgetary Impact

The 2022 Primary Road CIP includes \$75,000 for design and ROW in 2022. To date, \$108,576.56 has been spent on design and staff anticipates potential design expenses of up to \$122,211.30. Design and ROW costs are anticipated to exceed budget because unanticipated meetings with property owners and redesign for ROW were necessary to secure

easements. We are aware of the difference in costs and are adjusting funds between other design projects and bid savings in the 2022 Primary Road CIP needed to balance the budget.

The CIP includes \$740,000 for construction in 2023. The engineer's estimate for construction is \$589,976.76. The estimate for construction engineering is \$100,000 for a total cost of \$689,976.76 for the RCKC in 2023. This project includes a maximum of \$530,000 of HRRR Funds, leaving RCKC responsible for the estimated remaining \$159,976.76. The 2023 RCKC Primary Road CIP is currently in development and costs for this project will be updated to show the revised overall construction cost.

Summary

We recommend the Board approve the Almena Drive at 2nd Street Final Construction Plan Cover Sheet, Oshtemo Township, for the Managing Director's signature.

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Mortier, Lucas, M

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ROAD COMMISSION OF KALAMAZOO COUNTY

IN CO-OPERATION WITH
MICHIGAN DEPARTMENT OF TRANSPORTATION
AND
FEDERAL HIGHWAY ADMINISTRATION

ALMENA DRIVE AT 2ND STREET INTERSECTION REALIGNMENT

CONTROL SECTION: HRRR39000 JOB No.: 213985

COUNTY

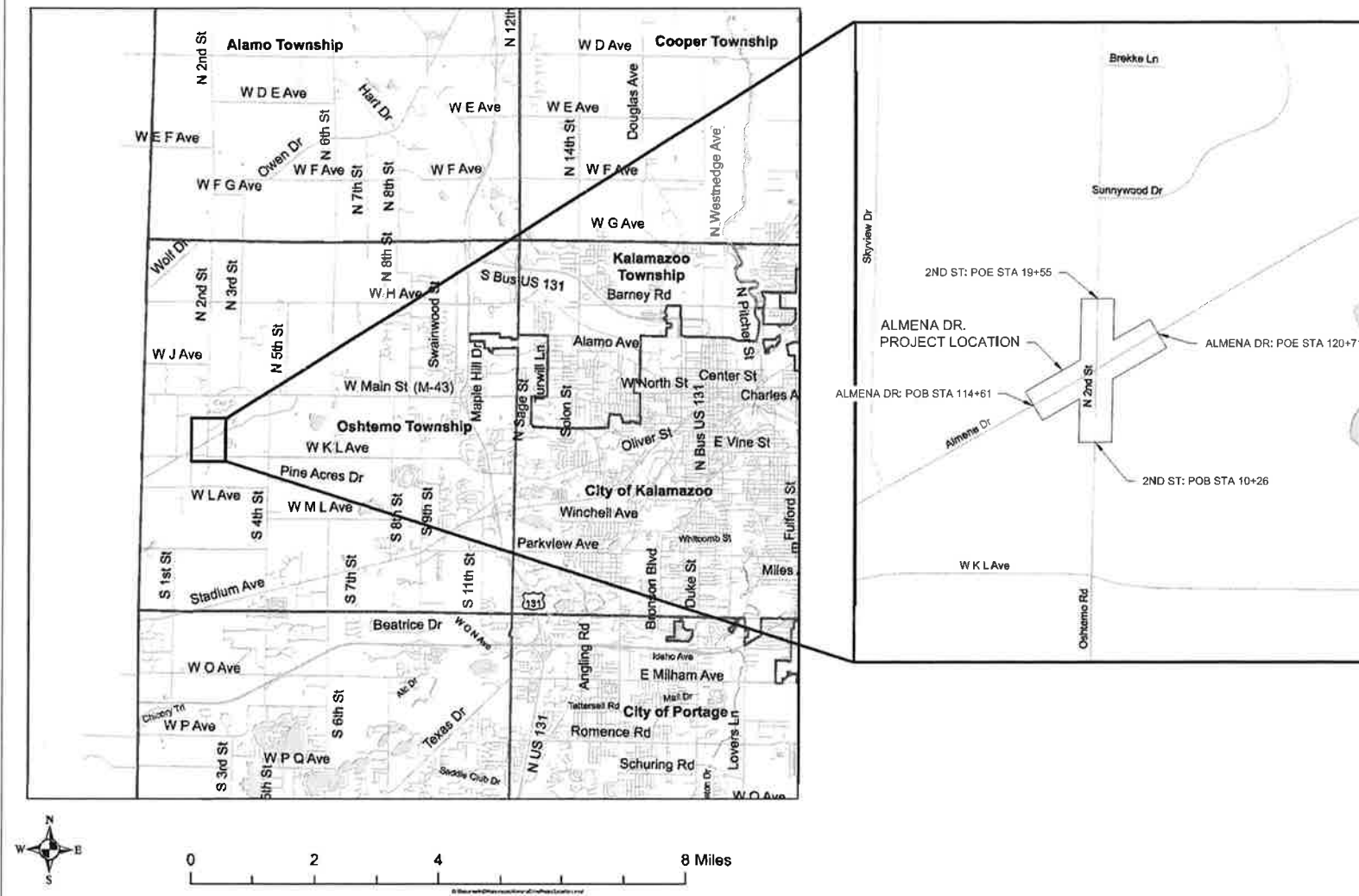
KALAMAZOO

TRAFFIC VOLUMES

2ND STREET	ALMENA DRIVE
2019 ADT - 1,171	2023 ADT - 3,199
2043 ADT - 1,489	2043 ADT - 4,026
2% COMMERCIAL	3% COMMERCIAL

2ND STREET	ALMENA DRIVE
POSTED SPEED, 55 MPH	POSTED SPEED 55 MPH
KL TO ALMENA 55 MPH	
ALMENA TO W. MAIN 45 MPH	DESIGN SPEED 55 MPH

Almena Drive Project Location



CONTRACT FOR:
COMPLETE RECONSTRUCTION OF PORTIONS OF 2ND STREET AND ALMENA DRIVE TO REALIGN THE
INTERSECTION TO ELIMINATE SKEW, MILLING, RESURFACING, DRAINAGE IMPROVEMENTS, TREE
REMOVALS, FENCE REMOVAL AND REPLACEMENT ALONG SECTIONS OF 2ND STREET AND ALMENA DRIVE.

PLANS PREPARED BY:

HRC
HUBBELL, ROTH & CLARK, INC.
CONSULTING ENGINEERS SINCE 1915

1925 BRETON RD, SE SUITE 100
GRAND RAPIDS, MI 49506

PREPARED UNDER THE SUPERVISION OF



Bartlett E. Franklin
BARTLETT E. FRANKLIN, P.E., 6201049893

9/16/2022
DATE

MUNICIPAL APPROVAL:
ROAD COMMISSION OF KALAMAZOO COUNTY

MANAGING DIRECTOR — JOANNA L. JOHNSON

DATE

COUNTY ENGINEER — RYAN MINKUS, PE, PTOE

DATE

ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE 2011 MICHIGAN MANUAL ON UNIFORM
TRAFFIC CONTROL DEVICES (MMUTCD) FOR STREETS AND HIGHWAYS, AS AMENDED.

THE PROPOSED IMPROVEMENTS ON DOUGLAS AVENUE COVERED BY THE PLANS ARE IN ACCORDANCE WITH THE MICHIGAN
DEPARTMENT OF TRANSPORTATION, LOCAL AGENCY PROGRAM GUIDELINES FOR GEOMETRICS ON LOCAL AGENCY PROJECTS (3R/4R),
2017 EDITION.

THE CONTRACTOR SHALL PERFORM ALL WORK UNDER THIS CONTRACT IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS,
POLICIES, RULES AND STANDARDS OF THE MICHIGAN OCCUPATIONAL SAFETY AND HEALTH ACT (MIOSHA), BEING ACT 154 OF
THE PUBLIC ACTS OF 1974 AND AS AMENDED.

EXCEPT WHERE OTHERWISE INDICATED ON THE PLANS OR IN THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED
THEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE MICHIGAN
DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2020 EDITION, AND THE CURRENT
SUPPLEMENTAL SPECIFICATIONS.



COUNTY KEY

ALMENA DRIVE AT 2ND STREET INTERSECTION REALIGNMENT