

WASHTENAW COUNTY ROAD COMMISSION
Bi-Monthly Meeting of the Board of County Road Commissioners

April 17, 2018 – 1:00 p.m.

Washtenaw County Road Commission Boardroom ♦ 555 N. Zeeb Road ♦ Ann Arbor, Michigan 48103

AGENDA

I. CALL TO ORDER/PLEDGE OF ALLEGIANCE

II. APPROVAL OF AGENDA

III. ACCEPTANCE OF MINUTES (Action) Page 1-7

A. Board Meeting Minutes of April 3, 2018

IV. CITIZEN PARTICIPATION

This is the time set aside on the agenda to receive comments from the public. This is not intended to be a period for dialogue or questions and answers. Each person will be allotted (3) minutes to address the Board.

A. Public Comment

B. Written Communications **Page 8-13**

V. RETIREMENT PRESENTATION – Willie G. Thomas

VI. NEW BUSINESS

A. Consent Agenda Page 14-63

1. Retirement Resolution of Public Service – Willie G. Thomas
2. 2018 Freedom Township Agreement
3. 2018 Lodi Township Agreement
4. 2018 Manchester Township Agreement
5. 2018-2020 Bids for Countywide Roadside Mowing
6. 2018 Hot Mix Asphalt Resurfacing Program – Bids
7. Capital Equipment Purchase – 2019 Freightliner M2106 Signal Truck Cab/Chassis
8. Capital Equipment Purchase – Signal Truck Component Upfitting
9. Van Tuyle Road Culvert – Aluminum Box Culvert Fabrication Bid
10. 2018 Ann Arbor Track Club Road Closures
11. 2018 CCH Heart & Sole Race/Walk
12. Salem Bible Church Corn Festival – Road Closure
13. Non-Union Wages
14. Non-Union MERS Health Care Savings Plan
15. Payroll & Bills for April 4 , 2018

B. Action Items

1. 2017 Financial Report – Plante Moran Presentation
2. Local Bridge Funding Applications
3. Unpaid Leave of Absence Policy
4. 6537 Pennstone Circle Mailbox Damage – Waiver Request

VII. REPORTS Page 64-69

- A. County Commissioner’s Report
- B. Road Commissioner’s Report
- C. Managing Director’s Report
 1. Staff Report of 3-26 to 4-8

VIII. ADJOURNMENT

WASHTENAW COUNTY BOARD OF ROAD COMMISSIONERS
555 North Zeeb Road, Ann Arbor, MI 48103
Minutes of April 3, 2018

Board Present: Road Commissioners Douglas Fuller, Barbara Fuller, William McFarlane

Staff Present: R. Townsend, S. Siddall, J. Harmon, T. Lobbestael

Others Present: M. Torrey, A. Warmanen, B. Bogen, C. Ferguson, R. Jamnick

The meeting was called to order at 1:00 p.m. by Douglas E. Fuller, Chair. The Pledge of Allegiance was recited.

APPROVAL OF AGENDA

RC18-091 B. Fuller moved, McFarlane seconded to approve the agenda as presented. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

ACCEPTANCE OF THE MINUTES

RC18-092 B. Fuller moved, McFarlane seconded, the Board hereby approves the Board Meeting Minutes of March 20, 2018 as presented. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

RC18-093 B. Fuller moved, McFarlane seconded, the Board hereby approves the Board Working Session Minutes of March 20, 2018 as presented. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

RC18-094 B. Fuller moved, McFarlane seconded, the Board hereby approves the Executive Session Minutes of March 20, 2018 as presented. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

CITIZEN PARTICIPATION

Mailbox Damage

Mr. Alan Warmanen stated that on February 10th one of the Road Commission snow plow trucks came through his subdivision and took out his mailbox and his neighbor's mailbox. Mr. Warmanen stated that he submitted a request to replace his mailbox. However, the issue still has not yet been resolved to his satisfaction. Mr. Warmanen had concerns about the Road Commission replacing his mailbox with a lower grade box or giving him \$60 dollars. Roy Townsend, Managing Director, will review this matter further with Mr. Warmanen.

Bandera Drive and Shevchenko – Drainage

Mr. William Bogen provided a copy of a note from July 2017 regarding Bandera Drive and Shevchenko Drive. Mr. Bogen stated that he has a pond on his property and there are drainage issues. Mr. Bogen stated that in July 2017 he submitted some questions about the Road Commission policies and procedures for road projects. He was told someone would get back with him but he has had no response. Roy Townsend, Managing Director, will contact Mr. Bogen to review his questions.

CONSENT AGENDA

The items approved on the Consent Agenda are as follows:

RC18-095 B. Fuller moved, McFarlane seconded the approval of the Consent Agenda for April 3, 2018 as presented. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

2018 Ypsilanti Township Agreement for Nancy Park Drainage Improvements

RC18-096 B. Fuller moved, McFarlane seconded that upon the recommendation of the Director of Operations and the concurrence of the Managing Director, the Board hereby approves and authorizes the Chair and Managing Director to sign the 2018 Ypsilanti Township Agreement for preliminary engineering services for Nancy Park Drainage Improvements with the Township's estimated share being \$5,175.00. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

Capital Equipment Purchase - Pickup Trucks

RC18-097 B. Fuller moved, McFarlane seconded that upon the recommendation of the Director of Operations and the concurrence of the Managing Director and Director of Engineering, the Board hereby approves the purchase from Todd Wenzel Truck GM of Westland of three (3) new 2018 GMC Sierra pickup trucks for a total purchase price of \$86,195.40 through the State of Michigan MIDEAL Purchasing Program. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

Textile Road/Platt-Textile Road Greenway – Material Testing Services

RC18-098 B. Fuller moved, McFarlane seconded that upon the recommendation of the Director of Engineering/County Highway Engineer and the concurrence of the Managing Director, the Board hereby approves the Material Testing Services contract with MTC, Inc. for the Textile Road Improvement Project and the Platt - Textile Greenway Project in Pittsfield Townships for a contract amount of \$71,158.48. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

Ypsilanti Township Agreement – Jerome Avenue Traffic Calming Project

RC18-099 B. Fuller moved, McFarlane seconded that upon the final approval from the Ypsilanti Township Board with the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby approves and authorizes the Chair and Managing Director to sign the Ypsilanti Township agreement for the design and administration of the construction of four (4) speed humps on Jerome Avenue between Holmes Road and Forest Avenue at the estimated cost of \$29,635.00. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

Pittsfield Township Agreement – Carpenter Road Traffic Signal

RC18-100 B. Fuller moved, McFarlane seconded that upon the final approval from the Pittsfield Township Board with the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby approves and authorizes the Chair and Managing Director to sign the Pittsfield Township agreement for the design and administration of the construction of a mast arm traffic signal on Carpenter Road at Cloverlane Drive, estimated cost of the mast arm traffic signal equipment and any items associated with it is \$68,000. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

Traffic Signal and Pedestrian Facilities Work at Jackson/Wagner Road and Carpenter/Cloverlane Intersections – Final Plans

RC18-101 B. Fuller moved, McFarlane seconded that upon the recommendation of the County Highway Engineer, and the concurrence of the Managing Director, the Board hereby approves the final plans, specifications, and estimate for Traffic Signal and Pedestrian Facilities Work at Jackson/Wagner and Carpenter/Cloverlane Intersections project and authorizes the County Highway Engineer to sign the title sheet. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

Mast Arm Steel Purchase – Carpenter Road at Cloverlane Drive Traffic Signal

RC18-102 B. Fuller moved, McFarlane seconded that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby authorizes the Managing Director to sign the purchase order for the purchase of mast arm steel components at a cost of \$19,215.00 from Millerbernd Manufacturing Company, 622 6th Street South, Winsted, MN 55395 to be utilized at the intersection of Carpenter Road and Cloverlane Drive. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

2018 Pavement Marking Bids

RC18-103 B. Fuller moved, McFarlane seconded that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby accepts the qualified low bid and the qualified alternate bids for the 2018 Pavement Marking Program Bids:

1. The qualified low bid for Special Pavement Markings of \$31,690.00 from R.S. Contracting, Inc., 9276 Marine City Hwy, Casco, MI 48064, and the qualified alternate bid of \$36,038.00 from PK Contracting, Inc., 1965 Barrett Dr, Troy, MI, 48084, as submitted on March 16, 2018.
2. The qualified low bid for Long Line Pavement Markings of \$212,425.51 from PK Contracting, Inc., 1965 Barrett Dr, Troy, MI, 48084, and the qualified alternate bid of \$232,858.38 from R.S. Contracting, Inc., 9276 Marine City Hwy, Casco, MI 48064, as submitted on March 16, 2018.
3. The qualified low bid for Chip Seal Pavement Markings of \$102,835.00 from R.S. Contracting, Inc., 9276 Marine City Hwy, Casco, MI 48064, and the qualified alternate bid of \$117,564.38 from PK Contracting, Inc., 1965 Barrett Dr, Troy, MI, 48084, as submitted on March 16, 2018.

Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

City of Dexter Agreement – Baker Road Intersections Project Construction Costs

RC18-104 B. Fuller moved, McFarlane seconded that upon the recommendation of the County Highway Engineer, and the concurrence of the Managing Director, the Board hereby approves the Agreement between the City of Dexter and the Washtenaw County Road Commission for the Baker Road Intersections Project Construction and Construction Engineering Costs and authorizes the Chair and Managing Director to sign said Agreement. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

Payroll & Bills for March 21, 2018

RC18-105 B. Fuller moved, McFarlane seconded the Board hereby approves Voucher 10290 totaling \$321,001.08 for payroll of March 21, 2018, and Voucher 10291 totaling \$620,472.49 in payment of bills for March 21, 2018. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

REPORTS**COUNTY COMMISSIONER'S REPORT**

County Commissioner Ruth Ann Jamnick suggested that Road Commission staff ask for township input on larger scale tree removal projects and provide a presentation of the project at the township board meetings to help educate the township and public of what a project of that magnitude would involve.

ROAD COMMISSIONER REPORTS**Commissioner Bill McFarlane**

Commissioner McFarlane reported that he attended the Webster Township.

In response to County Commissioner's suggestions and questions on tree removal projects, Commissioner McFarlane stated the Board of Road Commissioner has already approved the decision to look into the Road Commission's tree removal policy for the future. Commissioner McFarlane stated that this is a topic for discussion at the Road Subcommittee Meeting to be held on April 12th at 8:00 a.m. Commissioner McFarlane stated that this will be part of addressing the township officials in a positive and meaningful way.

Commissioner Barb Fuller

No report.

Commissioner Doug Fuller

Commissioner Doug Fuller thanked the maintenance foreman as he administers the maintenance of the building contract and publicly thanked him for the work on the stairwells in the front and back.

Commissioner Fuller expressed concern about the intersection of Eastbound Clark Road and Southbound Ford Boulevard. Motorists are turning in before the actual turn causing rutting and potholes off the edge of the road. Commissioner Fuller asked that staff look into this.

MANAGING DIRECTOR'S REPORT**STAFF REPORT – 3-12 to 3-25-18**

Roy Townsend, Managing Director, reported that Operations is very busy trying to get our roads back in to shape.

Local Bridge Program

Roy Townsend provided a review of the bridges we have selected to submit for federal funding for repairs or replacement. Mr. Townsend stated that our Bridge Engineer, Kelly Jones ranks the top 10 bridges in most need of repair or replacement with a recommendation of the top five bridges that we will submit funding applications for 2021 funding. Mr. Townsend stated that the Dennison Road Bridge in York Township is #1 on the funding list to be submitted. Temporary repairs have been made to this bridge to keep it open but the bridge needs to be replaced. Mr. Townsend stated that it is a good practice to select bridges on and off the primary road system.

Mr. Townsend stated that we have been successful in obtaining approval for 2-3 bridges per year. It was staff's recommendation to submit request for funding for items #1 thru #5 on the bridge selection list. This will be brought back to the Board for approval at the next Board Meeting on April 17th. Commissioner Barb Fuller stated that she trusts staff's judgement on selecting the appropriate bridges.

Michigan Transportation Fund Receipts (MTF)

Roy Townsend reported that the MTF revenue is up 7%/\$165,000 from this same time last year. Commissioner Doug Fuller asked about where the extra \$2 million in road funding coming from the State will be spend. Roy Townsend responded this will be reviewed at the next working session on April 17th

Jim Harmon, Director of Operations

- Jim Harmon stated that the crews are trying to get through the spring thaw period.
- Cold Patch – this season has been extremely high in cold patch application. Mr. Harmon provided a review of the impact of the spring thaw on the county roads. Mr. Townsend stated that we are making progress on the county roads, but the State Trunkline repair costs will continue to increase unless substantial money is put into the highway system.

Sheryl Siddall, Director of Engineering

- Sheryl Siddall stated that several projects are on hold right now until June when most schools are out for the summer.
- Harris Road Project - work began this week. Staff is in the process of closing Harris Road. This work will continue until early August.
- Preventative Maintenance bids were bumped to May

ADJOURNMENT

RC18-106 B. Fuller moved, McFarlane seconded to adjourn the April 3, 2018 meeting at 1:25p.m. Voice Vote: YEAS: 3 NAYS: 0 ABSENT: 0 ABSTAIN: 0 Motion Carried.

Douglas E. Fuller, Chair

Roy D. Townsend, Deputy Clerk

Minutes Approved: _____

DRAFT

COMMISSIONERS
DOUGLAS E. FULLER
CHAIR
BARBARA RYAN FULLER
VICE-CHAIR
WILLIAM MCFARLANE
MEMBER

WASHTENAW COUNTY
BOARD OF COUNTY ROAD COMMISSIONERS
555 NORTH ZEEB ROAD
ANN ARBOR, MICHIGAN 48103
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ROY D. TOWNSEND, P.E.
MANAGING DIRECTOR
SHERYL SODERHOLM SIDDALL, P.E.
DIRECTOR OF ENGINEERING
COUNTY HIGHWAY ENGINEER
JAMES D. HARMON, P.E.
DIRECTOR OF OPERATIONS
TELEPHONE (734) 761-1500
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TO: Washtenaw County Board of Road Commissioners
FROM: Roy D. Townsend, Managing Director
DATE: April 17, 2018
SUBJECT: **Written Communications for April 17, 2018 Board Meeting**

WRITTEN COMMUNICATIONS

ISSUED: April 12, 2018
WHEN: Thursday, April 12, 2018
WHERE: E. Northfield Church Road between Joy Road and Nollar Roa
TOWNSHIP: Northfield
WHY: Reopen E. Northfield Church Road

ISSUED: April 9, 2018
WHEN: Tuesday, April 10, 2018 until further notice
WHERE: Dancer Road under I-94 bridge, north of Jackson Road
TOWNSHIP: Lima
WHY: Road Closure – Dancer Road - MDOT Bridge Repairs on I-94

ISSUED: **4/6/18**
WHEN: 2018 Construction Season
WHERE: Countywide
WHY: **Announcement of New Funding Road Projects**

ISSUED: **3/29/18**
WHEN: Monday, April 2, 2018 @ 6:00 a.m.
WHY: **Suspend Seasonal Weight Restrictions**

ISSUED: **3/29/18**
WHEN: Monday, April 2, 2018 until further notice
WHERE: Harris Road between Michigan Avenue and Holmes Road
TOWNSHIP: Ypsilanti
WHY: Road Closure - Harris Road Reconstruction Project



Washtenaw County Road Commission
555 N. Zeeb Road
Ann Arbor, Michigan 48103

MEDIA ADVISORY – ROAD REOPENED

WHEN: April 12, 2018

WHERE: E. Northfield Church Road, between Joy Road and Nollar Road in Northfield Township

WHY: Project completed

BACKGROUND: On Thursday, April 12, 2018 the Washtenaw County Road Commission (WCRC) has **REOPENED** E. Northfield Church Road in Northfield Township between Joy Road and Nollar Road.

CONTACT: If you have any questions concerning this project, please contact Adam Lape Superintendent of Maintenance, at (734) 327-6697, or via email at superintendent@wcroads.org

For more information about WCRC road closures visit wcroads.org/news/media-advisories.

ISSUE DATE: 04/12/18

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Washtenaw County Road Commission
555 N. Zeeb Road
Ann Arbor, Michigan 48103

MEDIA ADVISORY – ROAD CLOSURE

- WHEN:** Tuesday, April 10, 2018 until further notice
- WHERE:** Dancer Road under the I-94 bridge, north of Jackson Road, in Lima Township
- WHY:** MDOT Bridge Repairs on I-94
- BACKGROUND:** Starting Tuesday, April 10, 2018, Dancer Road will be closed to all traffic under I-94 near Jackson Road in Lima Township. The road will be closed for approximately two weeks to allow MDOT to complete bridge repairs on I-94.
- The Michigan Department of Transportation (MDOT) will complete bridge repairs on eastbound I-94 over Dancer Road in Dexter. This work is part of an overall \$1 million investment in critical repairs to eight structures throughout Washtenaw, Eaton, Ingham, and Jackson counties.
- Work will require closing one lane on eastbound I-94 over Dancer Road while beam repairs are completed. While one lane will remain open to motorists, this closure is expected to cause 30 to 60-minute delays during peak travel times. Motorists are advised to find an alternate route if able.
- CONTACT:** If you have any questions concerning this road closure, please contact Wendy Ramirez at MDOT, RamirezW@michigan.gov.
- For more information about WCRC road closures visit wcroads.org/news/media-advisories.
- ISSUE DATE:** 04/09/18

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Washtenaw County Road Commission

555 N. Zeeb Road

Ann Arbor, Michigan 48103

MEDIA ADVISORY – PROJECT ANNOUNCEMENT

New Funding from State Means More Road Improvements in Washtenaw County

April 6, 2018

The Washtenaw County Road Commission (WCRC) is pleased to announce an additional 12 road projects that will improve 22 miles of county road. This work is made possible thanks to the unexpected \$175 million in state road funding approved by the Michigan Legislature in February. WCRC expects to receive approximately \$2 million from this latest road funding legislation.

Included in this list is the repair of Platt Road, between Willis Road and Bemis Road, in York Township. This section of road has been closed to traffic since March 1, 2018, due to pavement failure. WCRC will be repairing sections of the road base and then resurfacing the road. Road base repair will begin during the week of April 9 and paving will take place in late April or May, depending on the weather and the availability of hot mix asphalt. This section of Platt Road will remain closed to all traffic until this work can be completed.

The other 11 projects consist of a combination of asphalt resurfacing and chip sealing work. Chip sealing is a preventative maintenance technique that helps to extend the life of existing asphalt road surfaces. This work will be completed during the 2018 construction season.

In addition to these new projects, WCRC has plans to improve approximately 100 miles of primary roads in Washtenaw County during the 2018 construction season. See current list of projects here: <https://www.wcroads.org/road-work-construction/projects/>



Washtenaw County Road Commission
555 N. Zeeb Road
Ann Arbor, Michigan 48103

MEDIA ADVISORY

SEASONAL WEIGHT RESTRICTIONS SUSPENDED

WHAT: Seasonal Weight Restrictions Suspended

WHEN: Effective 6 a.m. on Monday, April 2, 2018

WHERE: Countywide

WHY: Road and Weather Conditions

BACKGROUND: The Washtenaw County Road Commission will **SUSPEND the Seasonal Weight Restrictions effective 6 a.m. on Monday, April 2, 2018.** This action is taken in accordance with the Washtenaw County Board of Road Commissioners' Resolution No. RC09-052, and pursuant to Act 300 of the Public Acts of 1949, as amended [MCL §257.722]. Information about Seasonal Weight Restrictions is available on the Road Commission's website: <http://www.wcroads.org/road-work-construction/seasonal-weight-restrictions/>

Seasonal Weight Restrictions recently went into effect beginning February 19, 2018 and the restrictions will have been in effect for 42 days. Typically each spring in accordance with state law, the Road Commission reduces the weight and speed limits for trucks as temperatures begin to rise and the ground begins to thaw. As the road subsurface thaws, the roads' ability to carry weight is reduced, meaning that a weight that would not affect a road under normal conditions, might now damage the road. These restrictions help to extend/preserve the service life of the roadways

For a statewide listing of the status of seasonal weight restrictions for other county road commissions, visit the County Road Association of Michigan website at www.micountyroads.org.

ISSUE DATE: March 29, 2018

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Washtenaw County Road Commission
555 N. Zeeb Road
Ann Arbor, Michigan 48103

MEDIA ADVISORY - ROAD CLOSURE

WHEN: Monday, April 2, 2018 until further notice

WHERE: Harris Road between Michigan Avenue and Holmes Road
Ypsilanti Township

WHY: Harris Road Reconstruction Project

BACKGROUND: On Monday, April 2, 2018, the Contractor for the Washtenaw County Road Commission (WCRC) will **CLOSE** Harris Road between Michigan Avenue and Holmes Road in Ypsilanti Township for the Harris Road project. The two lane roadway will be reconstructed including bike lanes, concrete curb, driveways, sidewalk, street lights, rain gardens, storm sewer, and water main.

The WCRC expects the work to be complete by the end of July 2018. However, please be advised that due to weather conditions, all dates are tentative and subject to change. The road will be closed to all through-traffic during construction. This includes the closure of all intersections such as Forest Avenue.

The posted **DETOURS** for this project are as follows:

- Harris Rd: Use Burbank Rd to Cross St to Prospect Rd to Holmes Rd
- WB Forest Rd: Use NB Ford Blvd to WB Holmes Rd to SB Prospect Rd
- EB Forest Rd: Use NB Prospect to EB Holmes to SB Ford Blvd
- EB Cross St: Use Burbank Rd to Michigan Ave

To read more about this project and sign up for email updates visit:
<http://www.wcroads.org/wcrc-project/harris-road-2/>

CONTACT: Please contact Matt MacDonell, WCRC Assistant Director of Engineering, at (734) 327-6688 or macdonellm@wcroads.org if you have questions or concerns in regards to the project.

For more information about Washtenaw County Road Commission road closures visit wcroads.org/news/media-advisories.

ISSUE DATE: 03/29/18

COMMISSIONERS
DOUGLAS E. FULLER
CHAIR
BARBARA RYAN FULLER
VICE-CHAIR
WILLIAM MCFARLANE
MEMBER

**WASHTENAW COUNTY
BOARD OF COUNTY ROAD COMMISSIONERS**
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ROY D. TOWNSEND, P.E.
MANAGING DIRECTOR
SHERYL SODERHOLM SIDDALL, P.E.
DIRECTOR OF ENGINEERING/
COUNTY HIGHWAY ENGINEER
JAMES D. HARMON, P.E.
DIRECTOR OF OPERATIONS
TELEPHONE (734) 761-1500
FAX (734) 761-3737

MEMO TO: Washtenaw County Board of Road Commissioners
THROUGH: Roy D. Townsend, P.E.
Managing Director
DATE: April 17, 2018
SUBJECT: **NEW BUSINESS ITEMS FOR APRIL 17, 2018 BOARD MEETING**

A. CONSENT ITEMS

1. Retirement Resolution of Public Service – Willie G. Thomas

PROPOSED MOTION:

WHEREAS, Willie G. Thomas has served as a valuable, full time employee of the Washtenaw County Road Commission between March 2, 1992 and April 30, 2018; and has elected to retire on April 30, 2018 so as to enjoy the fruits of his labor; and

WHEREAS, Willie G. Thomas has provided exceptional leadership, steadfast dedication to duty, and active participation as a Heavy Truck Driver and Group Leader on the District 2 and District 5 Crew, which has greatly benefited the Road Commission, the citizens of Washtenaw County and the traveling public; and

WHEREAS, in having provided 26 years and 2 months of faithful and able service to the Washtenaw County Road Commission, we know his presence will be greatly missed.

NOW, THEREFORE, BE IT RESOLVED, that we, the Washtenaw County Board of Road Commissioners, thank, acknowledge and commend Willie G. Thomas for his outstanding, dedicated public service and loyalty, and wish him continued good health and happiness throughout his years of retirement.

2. 2018 Freedom Township Agreement

This agreement for Freedom Township includes two solid applications of contract brine on all certified, unpaved local roads throughout Freedom. Total estimated cost of the agreement is \$30,861.60 with the Township's estimated share being \$15,430.80 (see attached agreement).

PROPOSED MOTION: that upon the recommendation of the Director of Operations and the concurrence of the Managing Director, the Board hereby approves and authorizes the Chair and Managing Director to sign the 2018 Freedom Township Agreement with the Township's estimated share being \$15,430.80.

3. **2018 Lodi Township Agreement**

This agreement for Lodi Township includes three solid applications of contract brine on all certified, unpaved local roads throughout the township including a third pass on Textile, Dell and Saline Waterworks. Total estimated cost of the agreement is \$44,203.50 with the Township's estimated share being \$22,101.75 (see attached agreement).

PROPOSED MOTION: that upon the recommendation of the Director of Operations and the concurrence of the Managing Director, the Board hereby approves and authorizes the Chair and Managing Director to sign the 2018 Lodi Township Agreement with the Township's estimated share being \$22,101.75.

4. **2018 Manchester Township Agreement**

This agreement for Manchester Township includes three solid applications of contract brine on all certified, unpaved local roads throughout the township. Total estimated cost of the agreement is \$46,579.50 with the Township's estimated share being \$23,289.75 (see attached agreement).

PROPOSED MOTION: that upon the recommendation of the Director of Operations and the concurrence of the Managing Director, the Board hereby approves and authorizes the Chair and Managing Director to sign the 2018 Manchester Township Agreement with the Township's estimated share being \$23,289.75.

5. **2018-2020 Bids for Countywide Roadside Mowing**

Three vendors responded to this bid; KBK Landscaping, Simpson Outdoor Service, and Wolf Creek Landscape. This bid is for roadside mowing services on various paved and unpaved roads in Washtenaw County for years 2018, 2019 and 2020. After interviewing the low bidder, Simpson Outdoor Service, the Superintendents of Maintenance found the low bidder to be unqualified at this time for the scope of work outlined in this bid due to inadequate equipment, work plan resources, and prior, applicable experience in roadside mowing. KBK Landscaping submitted the second low bid with the irregularity of a bid bond in the form of a Surety Bond, rather than a cashier's check as outlined in the bid. After thorough review of equipment, references, and all bid documents, staff recommends that the Board of County Road Commissioners accept the qualified low bid as submitted by KBK Landscaping, waiving the bid bond irregularity.

PROPOSED MOTION: that upon the recommendation of the Director of Operations and the concurrence of the Managing Director, the Board accepts the qualified low bid for countywide roadside mowing services for 2018-2020 on various paved and unpaved roads in Washtenaw County as submitted by KBK Landscaping, Inc., 9685 W. Michigan Avenue, Saline, Michigan 48176.

6. 2018 Hot Mix Asphalt Resurfacing Program – Bids

Two contractors responded to this invitation to bid including Cadillac Asphalt and Ajax Paving. The low bid was submitted by Cadillac Asphalt at \$2,969,448.65. It is recommended that the low bid received from Cadillac Asphalt be accepted.

PROPOSED MOTION: that upon the recommendation of the Director of Operations, and the concurrence of the Managing Director, the Board hereby approves and authorizes the Managing Director to sign the contract with Cadillac Asphalt, LLC, 1785 Rawsonville Rd, Belleville, MI 48111, for the 2018 Hot Mix Asphalt Resurfacing Program for the cost of \$2,969,448.65.

7. Capital Equipment Purchase – 2019 Freightliner M2106 Signal Truck Cab/Chassis

Staff is requesting the Board authorize the purchase of one (1) new 2019 Freightliner M2106 cab/chassis from D&K Truck Company of Lansing, Michigan using the State of Michigan MIDeal Purchasing Program (MIDeal Contract #071B6600119). This purchase will replace Signal Truck # 249 assigned to the Engineering Department signal crew. D&K Truck provided a total MIDeal quote for purchase of the new truck of \$67,911. Additional detail is provided with the attached D&K Truck quotation dated January 22, 2018. The proposed equipment purchase is funded in the 2018 Capital Equipment budget. (Please note that the request for authorization for truck outfitting by Altec, Inc. through the MIDEAL Purchasing Program will be presented to the Board separately).

PROPOSED MOTION: that upon the recommendation of the Director of Operations and the concurrence of the Managing Director, the Board hereby approves the purchase from D & K Truck Company of Lansing, Michigan of one (1) new 2019 Freightliner M2106 truck cab/chassis, using the State of Michigan MIDeal Purchasing Program (MIDeal Contract #071B6600119), for the total amount of \$67,911.

8. Capital Equipment Purchase – Signal Truck Component Upfitting

Staff is requesting the Board authorize the purchase of component upfitting, including Altec Model TA50 articulating telescopic aerial device, from Altec, Inc. of Indianapolis, Indiana using the State of Michigan MIDeal Purchasing Program (MIDeal Contract #071B7700167). This purchase will upfit a new cab/chassis assigned to the Engineering Department Signal crew. Altec provided a total MIDeal quote for purchase of the new truck of \$156,222. Additional detail is provided with the attached Altec quotation dated April 11, 2018. The proposed equipment purchase is funded in the 2018 Capital Equipment budget. (Please note that the request for authorization for the cab/chassis by D&K Truck Company through the MIDEAL Purchasing Program is presented to the Board separately).

PROPOSED MOTION: that upon the recommendation of the Director of Operations and the concurrence of the Managing Director, the Board hereby approves the purchase from Altec, Inc. of Indianapolis, Indiana of required component upfitting, including Altec Model TA50 articulating telescopic aerial device, for a new 2019 Freightliner M2106 truck cab/chassis, using the State of Michigan MDeal Purchasing Program (MDeal Contract #071B7700167), for the total amount of \$156,222.

9. Van Tuyle Road Culvert – Aluminum Box Culvert Fabrication Bid

Staff is requesting the Board accept the low bid and authorize the Managing Director to sign the purchase order with Contech Engineered Solutions to fabricate the aluminum box culvert for the replacement of the structure at Van Tuyle Road Culvert over Iron Creek. The existing structure was posted with a weight restriction of 5 tons in October 2016 due to structural deterioration. The costs for the Van Tuyle Road structure replacement are funded by the Washtenaw County Road Commission and Manchester Township. The bid opening occurred on April 11, 2018 and Contech Engineered Solutions was the low bid at \$58,250.00.

PROPOSED MOTION: that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby accepts the low bid and authorizes the Managing Director to sign a purchase order with Contech Engineered Solutions to fabricate the aluminum box culvert for the replacement of the structure at Van Tuyle Road over the Iron Creek, located in Section 25 of Manchester Township.

10. 2018 Ann Arbor Track Club Road Closures

Staff is requesting the Board to approve the proposed road closures for the 45th Annual Dexter-Ann Arbor Run hosted by the Ann Arbor Track Club on June 3, 2018. The Ann Arbor Track Club annually hosts the Dexter-Ann Arbor Run with the consent and authorization from Scio Township and Ann Arbor Township. Additionally and pursuant to Michigan law (MCL §247.323), the Board of Road Commissioners must authorize the closure of roads under its jurisdiction for special events such as the Dexter-Ann Arbor Run. Area residents and motorists will be temporarily impacted during the road closures. The Washtenaw County Sheriff's Department and/or the Michigan Department of State Police shall be engaged to provide additional traffic control services.

PROPOSED MOTION:

that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board approves the closure of the following roads on Sunday, June 5, 2016 for the annual Dexter-Ann Arbor Run:

- Baker Road from Dan Hoey Road to Shield Road - 8:15 a.m. to 8:35 a.m.
- Shield Road from Baker Road to Parker Road – 8:25 a.m. to 8:40 a.m.
- Parker Road from Shield Road to Dexter-Chelsea Road – 8:30 a.m. to 8:45 a.m.
- Dexter-Chelsea Road from Parker Road to Dexter-Pinckney Road – 8:35 a.m. to 8:50 a.m.
- Dexter-Pinckney Road from Dexter-Chelsea Road to the Dexter Village Limit – 8:35 a.m. to 8:55 a.m.
- Huron River Drive from Mast Road to Zeeb Road – 8:30 a.m. to 9:15 a.m.
- Huron River Drive from Zeeb Road to Wagner Road – 8:55 a.m. to 10:35 a.m.
- Huron River Drive from Wagner Road to Maple Road – 8:00 a.m. to 11:05 a.m.

Huron River Drive from Maple Road to Ann Arbor City Limit – 7:50 a.m. to 11:05 a.m.

11. 2018 CCH Heart & Sole Race/Walk

Staff is requesting the Board to approve the proposed road closures for the Annual Heart & Sole Race/Walk hosted by the St. Joseph Mercy Chelsea Hospital on May 12, 2018. The St. Joseph Mercy Chelsea Hospital annually hosts the Heart & Sole Race/Walk with the consent and authorization from Lima Township. Additionally and pursuant to Michigan law (MCL §247.323), the Board of Road Commissioners must authorize the closure of roads under its jurisdiction for special events such as the Heart & Sole Race/Walk. Area residents and motorists will be temporarily impacted during the road closures. The City of Chelsea Police Department shall be engaged to provide additional traffic control services if necessary.

PROPOSED MOTION: that upon the recommendation of the County Highway Engineer and concurrence of the Managing Director, the Board approves the intermittent closure of Trinkle Road from 8:00 a.m. – 11:30 a.m. on Saturday, May 12, 2018 for the Annual Heart & Sole Race/Walk.

12. Salem Bible Church Corn Festival – Road Closure

Staff is requesting the Board to approve the proposed road closure for the 23rd Annual Corn Festival hosted by Salem Bible Church on Saturday August 18, 2018. The Salem Bible Church annually hosts the Annual Corn Festival with the consent and authorization from Salem Township. Additionally and pursuant to Michigan law (MCL §247.323), the Board of Road Commissioners must authorize the closure of roads under its jurisdiction for special events such as the Corn Festival. Area residents and motorists will be temporarily impacted during the road closure. The Local Police Department or Fire Department shall be engaged to provide additional traffic control services.

PROPOSED MOTION: that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby approves the closure of the following road on Saturday, August 18, 2018 for the annual Salem Community Corn Fest:

- **McFadden Street from Six Mile Road to Summit Street – 9:00 a.m. to 9:30 p.m.**

13. Non-Union Wages

To assure that the Washtenaw County Road Commission continues to remain steady with its salary administration program for non-union employees, the Human Resources Manager is proposing the following for all non-union employees for 2018:

PROPOSED MOTION: that upon the recommendation of the Human Resources Manager, and with the concurrence of the Managing Director, the Board hereby approves the following wage increase for non-union:

- **2018: Three percent (3%) across the board increases effective the first full payroll period after Board approval on April 17, 2018.**

14. Non-Union MERS Health Care Savings Plan

To assure that the Washtenaw County Road Commission continues to remain competitive with its benefits for non-union employees and to maintain equity between employees hired prior to 1/1/12 and after 1/1/12, the Human Resources Manager is proposing the following for all non-union employees hired on or after January 1, 2012 with regards to MERS employee pension contribution and MERS Health Care Savings Plan employee contribution.

PROPOSED MOTION: that upon the recommendation of the Human Resources Manager, and with the concurrence of the Managing Director, the Board hereby approves the following MERS changes for all active non-union employees hired on or after January 1, 2012:

Commencing the first full payroll period after July 1, 2018 the employer will replace the \$500 annual lump sum contribution with a 2% matching program into the MERS Health Care Savings Program. Employees will be required to contribute 2% of gross pay and the Employer will match the 2%. Also commencing on the first full pay period after July 1, 2018 the employee contribution towards the MERS pension will be reduced from 10% to 8% of gross pay.

15. Payroll & Bills for April 4, 2018

Staff is requesting the Board to approve the payment of payroll and bills for April 4, 2018.

PROPOSED MOTION: the Board hereby approves Voucher 10292 totaling \$260,616.63 for payroll of April 4, 2018, and Voucher 10293 totaling \$746,409.11 in payment of bills for April 4, 2018.

B. ACTION ITEMS

1. 2017 Financial Report – Plante Moran Presentation

Staff is requesting Board approval and subsequent filing of the 2017 Financial Report as presented. Each year, per Public Act 51 of 1951, the Road Commission is required to submit financial statements audited by an independent audit firm. As a component unit of Washtenaw County, the Road Commission must submit a Financial Report for inclusion in Washtenaw County's Comprehensive Annual Financial Report (CAFR). This information is required by the County no later than March 1st of each year.

Jean Young and Keith Szymanski with Plante and Moran, PLLC, presented the 2017 Financial Report at the April 17th Working Session. The annual financial report provides a valuable business performance review, as they audited the Road Commission's financial position as of December 31, 2017.

The 2017 Financial Report contains the final audited revenue and expenditures for the Road Commission. Due to a combination of various carryover items and favorable variances for all departmental expenditures the bottom line reflects an increase of approximately \$4,680,783 from the final amended budget.

PROPOSED MOTION: that upon the recommendation of the Director of Finance, and the concurrence of the Managing Director, the Board hereby accepts and files the 2017 Financial Report, as presented.

2. Local Bridge Funding Applications

The Local Bridge Program funding applications are due to the Michigan Department of Transportation by May 1, 2018. Selected bridges will be funded for the 2021 fiscal year. Each agency requesting funding is limited to five (5) applications. To be eligible for bridge funds, the structure must meet the definition of a bridge, which is defined as a structure with a total clear span length of 20 feet.

Board approval is requested to submit five (5) applications for funding through the Local Bridge Program (LBP) for the following structures:

1. Dennison Road over Saline River, SN 11000 (On-System Replacement Funding)
2. Bridge Rd, SN 10971 & Mast Rd, SN 10996 (Preventative Maintenance Funding)
3. Geddes Road over Fowler Creek, SN 10977 (On-System Replacement Funding)
4. Rosbolt Road over Paint Creek, SN 11058 (Off-System Replacement Funding)
5. Martz Road over Paint Creek, SN 11034 (On-System Rehabilitation Funding)

The Road Commission believes the above listed bridges have the highest chances of being selected for funding in the 2021 fiscal year. The Local Bridge Program will fund 95% of the construction costs of the selected bridges. The Road Commission would be responsible for the design, right-of-way, construction engineering and the local match for the construction costs. If the bridge is located on a local road, the Township or other local source would be responsible for sharing 50% of the local costs with the Road Commission. Prior to the May 1, 2018 deadline, a current certified Board resolution, signed and dated, supporting the projects will need to be submitted with each bridge funding application

PROPOSED MOTION: that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby approves the submittal of five (5) applications to the Local Bridge Program to seek funding for the following bridges:

1. Dennison Road over Saline River, SN 11000 (On-System Replacement Funding)
2. Bridge Rd, SN 10971 & Mast Rd, SN 10996 (Preventative Maintenance Funding)
3. Geddes Road over Fowler Creek, SN 10977 (On-System Replacement Funding)
4. Rosbolt Road over Paint Creek, SN 11058 (Off-System Replacement Funding)
5. Martz Road over Paint Creek, SN 11034 (On-System Rehabilitation Funding)

3. Unpaid Leave of Absence Policy

To assure that the Washtenaw County Road Commission establishes guidelines for administering unpaid leaves of absences that do not qualify under the Family Medical Leave Act for non-union employees of the Washtenaw County Road Commission (WCRC); the Human Resources Manager is proposing to update the Unpaid Leave of Absence Policy for Non-Union Employees which includes paternity/maternity leave.

PROPOSED MOTION: that upon the recommendation of the Human Resources Manager, and with the concurrence of the Managing Director, the Board hereby approves the attached Unpaid Leave of Absence Policy.

3. 6537 Pennstone Circle Mailbox Damage – Waiver Request

On April 3rd Mr. Allen Warmanen addressed the Board of Road Commissioners during the public comment period regarding his mailbox that was damaged by our snow plow during a winter storm event in February. After the meeting, we spoke with Mr. Warmanen and we investigated this event. We all agreed that our crews had hit Mr. Warmanen's mailbox, and our staff offered him our standard two options:

1. we would replace the mailbox and post with a standard US Post mailbox or
2. we would give him \$60.00 and he could replace it.

Mr. Warmanen rejected both of these options and is requesting he be reimbursed the actual cost of the replacement mailbox and post, which was \$160.00. Therefore Mr. Warmanen is requesting a waiver from our \$60 mailbox replacement option to the \$160 dollars he spent on a new mailbox and post (see attachments).

PROPOSED MOTION: the Board hereby (denies/grants) the mailbox replacement waiver request of \$160.00 from Alan Warmanen for the damaged mailbox at 6537 Pennstone Circle, in Pittsfield Township.

2018 FREEDOM TOWNSHIP AGREEMENT

THIS AGREEMENT, made and entered into this _____ day of _____, 2018, by and between the Township Board of Freedom Township, Washtenaw County, parties of the first part and the Board of Washtenaw County Road Commissioners, parties of the second part.

WHEREAS, the parties of the first part desire that certain improvements be made upon the local roads in the Township of Freedom, and

WHEREAS, proper authority is provided to the parties of the agreement under the provisions in Act 51 of Public Acts of 1951 as amended,

IT IS NOW THEREFORE AGREED, the parties of the second part will accomplish the improvements as specified herein, all in accordance with the standards of the parties of the second part.

1. **Dust Control (497-14-108):**

Work to include placement of two (2) solid applications of contract brine on all certified local gravel/limestone roads within the township. Estimated 187,040 gallons @ \$0.165 per gallon.

Estimated project cost: \$ 30,861.60

AGREEMENT SUMMARY

2018 LOCAL ROAD PROGRAM

Local Road Dust Control	\$ 30,861.60
Less 2018 WCRC Conventional Match	\$ 15,430.80

ESTIMATED AMOUNT TO BE PAID BY FREEDOM TOWNSHIP UNDER THIS AGREEMENT DURING 2018: \$ 15,430.80

FOR FREEDOM TOWNSHIP:

Dale Weidmayer
Dale Weidmayer, Supervisor

Valisa Bristle
Valisa Bristle, Clerk

Danni Bristle
Witness

Susan Weidmayer
Witness

FOR WASHTENAW COUNTY ROAD COMMISSION:

Douglas E. Fuller, Chair

Witness

Roy D. Townsend, Managing Director

Witness

2018 LODI TOWNSHIP AGREEMENT

THIS AGREEMENT, made and entered into this ____ day of _____, 2018, by and between the Township Board of Lodi Township, Washtenaw County, parties of the first part and the Board of Washtenaw County Road Commissioners, parties of the second part.

WHEREAS, the parties of the first part desire that certain improvements be made upon the local roads in the Township of Lodi, and

WHEREAS, proper authority is provided to the parties of the agreement under the provisions in Act 51 of Public Acts of 1951, as amended,

IT IS NOW THEREFORE AGREED, the parties of the second part will accomplish the improvements as specified herein, all in accordance with the standards of the parties of the second part.

1. Dust Control (497-13-108):

Work to include placement of three (3) solid applications of contract brine on all certified local gravel/limestone roads within the township, including a third pass on Textile, Dell, and Saline Waterworks. Estimated 267,900 gallons @ \$0.1650 per gallon.

Estimated cost of contract brine: \$ 44,203.50

AGREEMENT SUMMARY

2018 LOCAL ROAD PROGRAM

Local Road Dust Control \$ 44,203.50
Less 2018 WCRC Conventional Matching Funds \$ 22,101.75

ESTIMATED AMOUNT TO BE PAID BY LODI TOWNSHIP UNDER THIS AGREEMENT DURING 2018:

\$ 22,101.75

FOR LODI TOWNSHIP:

Janann M. Godek
Janann M. Godek, Supervisor

Murielle Foley
Witness

Christina Smith
Christina Smith, Clerk

Murielle Foley
Witness

FOR WASHTENAW COUNTY ROAD COMMISSION:

Douglas E. Fuller, Chair

Witness

Roy D. Townsend, Managing Director

Witness

2018 MANCHESTER TOWNSHIP AGREEMENT

THIS AGREEMENT made and entered into this ___ day of _____, 2018, by and between the Township Board of Manchester Township, Washtenaw County, parties of the first part and the Board of Washtenaw County Road Commissioners, parties of the second part.

WHEREAS, the parties of the first part desire that certain improvements be made upon the local roads in the Township of Manchester, and

WHEREAS, proper authority is provided to the parties of the agreement under the provisions in Act 51 of Public Acts of 1951 as amended,

IT IS NOW THEREFORE AGREED, the parties of the second part will accomplish the improvements as specified herein, all in accordance with the standards of the parties of the second part.

1. **Dust Control (497-16-108):**

Work to include placement of three (3) solid applications of contract brine on all certified local gravel/limestone roads within the township. Estimated 282,300 gallons @ \$0.1650 per gallon.

Estimated project cost: \$ 46,579.50

AGREEMENT SUMMARY

2018 LOCAL ROAD PROGRAM

Local Road Dust Control	\$ 46,579.50
Less WCRC 2018 Conventional Match	\$ 23,289.75

ESTIMATED AMOUNT TO BE PAID BY MANCHESTER TOWNSHIP UNDER THIS AGREEMENT DURING 2018: \$ 23,289.75

FOR MANCHESTER TOWNSHIP:

Gene DeRossett
Gene DeRossett, Supervisor

Manuel Pro
Witness

Danell Proctor
Danell Proctor, Clerk

Laura Carey
Witness

FOR WASHTENAW COUNTY ROAD COMMISSION:

Douglas E. Fuller, Chair

Witness

Roy D. Townsend, Managing Director

Witness

BIDS RECEIVED FOR ROADSIDE MOWING SERVICES

DATE: 04/10/18

		BIDDERS					
		KBK Landscaping		Wolf Creek Landscape		Simpson Outdoor Service	
2018							
ITEM	C/L MILES	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
EARLY SUMMER PAVED ROADS	570.44	\$ 64.00	\$ 36,508.16	\$ 98.00	\$ 55,903.12	\$ 57.50	\$ 32,800.30
MID SUMMER UNPAVED ROADS	724.60	\$ 68.00	\$ 49,272.80	\$ 98.00	\$ 71,010.80	61.75	\$ 44,744.05
LATE SUMMER PAVED ROADS	570.44	\$ 64.00	\$ 36,508.16	\$ 98.00	\$ 55,903.12	57.50	\$ 32,800.30
OPTIONAL EXTRA-WIDTH MOWING	-	\$ 110.00	\$ 110.00	\$ 98.00	\$ 98.00	57.50	57.50
TOTAL BID 2018			\$ 122,289.12		\$ 182,817.04		\$ 110,344.65
2019							
ITEM	C/L MILES	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
EARLY SUMMER PAVED ROADS	570.44	\$ 66.00	\$ 37,649.04	\$ 98.00	\$ 55,903.12	\$ 59.75	\$ 34,083.79
MID SUMMER UNPAVED ROADS	724.60	70.00	\$ 50,722.00	\$ 98.00	\$ 71,010.80	64.00	\$ 46,374.40
LATE SUMMER PAVED ROADS	570.44	66.00	\$ 37,649.04	\$ 98.00	\$ 55,903.12	59.75	\$ 34,083.79
OPTIONAL EXTRA-WIDTH MOWING	-	120.00	120.00	\$ 98.00	\$ 98.00	59.75	59.75
TOTAL BID 2019			\$ 126,020.08		\$ 182,817.04		\$ 114,541.98
2020							
ITEM	C/L MILES	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
EARLY SUMMER PAVED ROADS	570.44	\$ 68.00	\$ 38,789.92	\$ 98.00	\$ 55,903.12	\$ 62.25	\$ 35,509.89
MID SUMMER UNPAVED ROADS	724.60	72.00	\$ 52,171.20	\$ 98.00	\$ 71,010.80	66.25	\$ 48,004.75
LATE SUMMER PAVED ROADS	570.44	68.00	\$ 38,789.92	\$ 98.00	\$ 55,903.12	62.25	\$ 35,509.89
OPTIONAL EXTRA-WIDTH MOWING	-	130.00	130.00	\$ 98.00	\$ 98.00	62.25	62.25
TOTAL BID 2020			\$ 129,751.04		\$ 182,817.04		\$ 119,024.53
TOTAL BID ALL THREE YEARS			\$ 378,060.24		\$ 548,451.12		\$ 343,911.16
		Surety Bond	5% of bid amount	Cashiers Check	\$ 9,133.60	Cashiers Check	\$ 17,195.55

Bids Received for 2018 Hot Mix Asphalt Surfacing Program

04/06/18

	<u>Ajax Paving</u>	<u>Cadillac Asphalt</u>	-	-
<u>"As-Read" Total</u>	\$ 3,712,241.24	\$ 2,969,448.65		

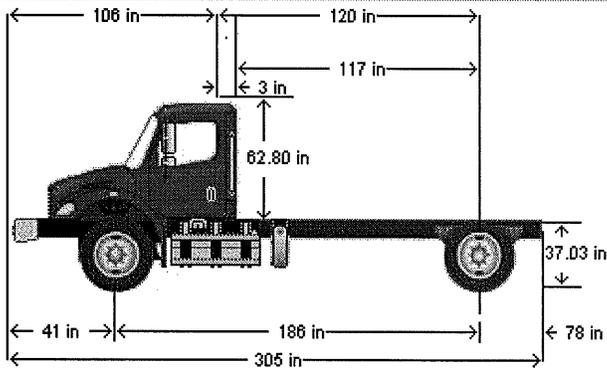
Prepared for:
 M Livsey
 MDOT Washtenaw County Road
 Commission
 555 North Zeeb Rd
 Ann Arbor, MI 48103
 Phone: 734-761-1500 x669

Prepared by:
 Edward Merrill
 D & K TRUCK COMPANY
 3020 Snow Rd
 LANSING, MI 48917
 Phone: (517) 484-1905 Ext. 129

Mi DEAL 2019 Signal Truck

Wheelbase to be confirmed later/upfitter

D I M E N S I O N S



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model M2106
 Wheelbase (545) 4725MM (186 INCH) WHEELBASE
 Rear Frame Overhang (552) 1975MM (78 INCH) REAR FRAME OVERHANG
 Cab Size (829) 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
 Sleeper (682) NO SLEEPER BOX/SLEEPER CAB
 Exhaust System (016) RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE

TABLE SUMMARY - DIMENSIONS



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Dimensions	Inches
Bumper to Back of Cab (BBC)	106.3
Bumper to Centerline of Front Axle (BA)	40.7
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	120.4
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	117.4
Back of Cab Protrusions (Exhaust/Intake) (CP)	0.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	198.4
Cab Height (CH)	62.8
Wheelbase (WB)	186.0
Frame Overhang (OH)	78.0
Overall Length (OAL)	304.7
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	37.0

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

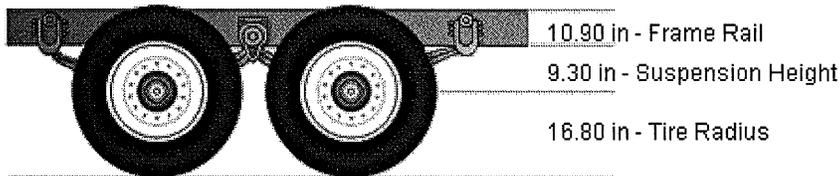


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UNLADEN FRAME HEIGHT

Unladen Height	Requested	Calculated
Frame (in)	N/A	37.00



VEHICLE SPECIFICATIONS SUMMARY - UNLADEN FRAME HEIGHT

Model M2106
 Cab Size (829)..... 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
 Frame Rails (546)..... 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI(546)
 Web Height (in)..... 10.9375
 Flange Thickness (in)..... 0.34375
 Rear Suspension (622)..... 18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
 Rear Suspension Ride Height (621)..... SPRING SUSPENSION - NO AXLE SPACERS
 Axle C/L to Bottom of Frame (in)..... 9.294
 Rear Tires (094) MICHELIN XDS2 245/70R19.5 16 PLY RADIAL REAR TIRES
 Unladen Radius (in) 16.8

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



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SPECIFICATION PROPOSAL

Vehicle Configuration

M2 106 CONVENTIONAL CHASSIS
2019 MODEL YEAR SPECIFIED
SET BACK AXLE - TRUCK
STRAIGHT TRUCK PROVISION
LH PRIMARY STEERING LOCATION

General Service

TRUCK CONFIGURATION
DOMICILED, USA (EXCLUDING CALIFORNIA AND
CARB OPT-IN STATES)
PICKUP AND DELIVERY/SHORT HAUL SERVICE
GOVERNMENT BUSINESS SEGMENT
GENERAL FREIGHT COMMODITY
TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN
TRANSIT, IS SPENT ON PAVED ROADS
MAXIMUM 8% EXPECTED GRADE
SMOOTH CONCRETE OR ASPHALT PAVEMENT -
MOST SEVERE IN-TRANSIT (BETWEEN SITES)
ROAD SURFACE
MEDIUM TRUCK WARRANTY
EXPECTED FRONT AXLE(S) LOAD : 8000.0 lbs
EXPECTED REAR DRIVE AXLE(S) LOAD :
17500.0 lbs
EXPECTED PUSHER AXLE(S) LOAD : 0.0 lbs
EXPECTED GROSS VEHICLE WEIGHT CAPACITY
: 25500.0 lbs

Truck Service

FLATBED/PLATFORM/Sign Signal
EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE
FRAME "XX" INCHES : 32.0 in

Engine

CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560
LB/FT @ 1600 RPM

Electronic Parameters

75 MPH ROAD SPEED LIMIT



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CRUISE CONTROL SPEED LIMIT SAME AS ROAD
SPEED LIMIT

Engine Equipment

2016 ONBOARD DIAGNOSTICS/2010
EPA/CARB/FINAL GHG17 CONFIGURATION

2008 CARB EMISSION CERTIFICATION - CLEAN
IDLE (INCLUDES 6X4 INCH LABEL ON LOWER
FORWARD CORNER OF DRIVER DOOR)

STANDARD OIL PAN

ENGINE MOUNTED OIL CHECK AND FILL

ONE PIECE VALVE COVER

SIDE OF HOOD AIR INTAKE WITH FIREWALL
MOUNTED DONALDSON AIR CLEANER

DR 12V 160 AMP 28-SI QUADRAMOUNT PAD
ALTERNATOR WITH REMOTE BATTERY VOLT
SENSE

(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT
MAINTENANCE FREE 2250 CCA THREADED
STUD BATTERIES

BATTERY BOX FRAME MOUNTED

STANDARD BATTERY JUMPERS

SINGLE BATTERY BOX FRAME MOUNTED LH
SIDE UNDER CAB

WIRE GROUND RETURN FOR BATTERY CABLES
WITH ADDITIONAL FRAME GROUND RETURN

NON-POLISHED BATTERY BOX COVER

POSITIVE LOAD DISCONNECT WITH CAB
MOUNTED CONTROL SWITCH MOUNTED
OUTBOARD DRIVER SEAT

POSITIVE AND NEGATIVE POSTS FOR
JUMPSTART LOCATED ON FRAME NEXT TO
STARTER

CUMMINS TURBOCHARGED 18.7 CFM AIR
COMPRESSOR WITH INTERNAL SAFETY VALVE

STANDARD MECHANICAL AIR COMPRESSOR
GOVERNOR

AIR COMPRESSOR DISCHARGE LINE

ELECTRONIC ENGINE INTEGRAL SHUTDOWN
PROTECTION SYSTEM

CUMMINS EXHAUST BRAKE INTEGRAL WITH
VARIABLE GEOMETRY TURBO WITH ON/OFF
DASH SWITCH

RH OUTBOARD UNDER STEP MOUNTED
HORIZONTAL AFTERTREATMENT SYSTEM
ASSEMBLY WITH RH HORIZONTAL TAILPIPE



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ENGINE AFTERTREATMENT DEVICE,
AUTOMATIC OVER THE ROAD REGENERATION
AND DASH MOUNTED REGENERATION
REQUEST SWITCH

STANDARD EXHAUST SYSTEM LENGTH

RH STANDARD HORIZONTAL TAILPIPE

6 GALLON DIESEL EXHAUST FLUID TANK

100 PERCENT DIESEL EXHAUST FLUID FILL

LH MEDIUM DUTY STANDARD DIESEL EXHAUST
FLUID TANK LOCATION

STANDARD DIESEL EXHAUST FLUID PUMP
MOUNTING

STANDARD DIESEL EXHAUST FLUID TANK CAP

HORTON HT650 FRONTAL AIR ON/OFF ENGINE
FAN CLUTCH

AUTOMATIC FAN CONTROL WITH DASH
SWITCH AND INDICATOR LIGHT, NON ENGINE
MOUNTED

CUMMINS SPIN ON FUEL FILTER

FULL FLOW OIL FILTER

950 SQUARE INCH ALUMINUM RADIATOR

ANTIFREEZE TO -34F, OAT (NITRITE AND
SILICATE FREE) EXTENDED LIFE COOLANT

GATES BLUE STRIPE COOLANT HOSES OR
EQUIVALENT

CONSTANT TENSION HOSE CLAMPS FOR
COOLANT HOSES

RADIATOR DRAIN VALVE

LOWER RADIATOR GUARD

PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK
HEATER

BLACK PLASTIC ENGINE HEATER RECEPTACLE
MOUNTED UNDER LH DOOR

ALUMINUM FLYWHEEL HOUSING

ELECTRIC GRID AIR INTAKE WARMER

DELCO 12V 29MT STARTER WITH INTEGRATED
MAGNETIC SWITCH

Transmission

ALLISON 2200 RDS AUTOMATIC TRANSMISSION
WITH PARK PAWL WITH PTO PROVISION

Transmission Equipment



Prepared for:
M Livsey
MDOT Washtenaw County Road
Commission
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Phone: 734-761-1500 x669

Prepared by:
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ALLISON VOCATIONAL PACKAGE 354 -
AVAILABLE ON 1000/2000 PRODUCT FAMILIES
WITH VOCATIONAL MODELS RDS, EVS, HS, MH,
PTS AND SPS

ALLISON VOCATIONAL RATING FOR ON/OFF
HIGHWAY APPLICATIONS AVAILABLE WITH ALL
PRODUCT FAMILIES

PRIMARY MODE GEARS, 5 FORWARD GEARS
WITH MANUAL SELECTION FOR 3, 2 AND 1,
AVAILABLE FOR 1000/2000 PRODUCT FAMILIES
ONLY

PRIMARY SHIFT SCHEDULE RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

SECONDARY SHIFT SCHEDULE
RECOMMENDED BY DTNA AND ALLISON, THIS
DEFINED BY ENGINE AND VOCATIONAL USAGE

PRIMARY SHIFT SPEED RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

SECONDARY SHIFT SPEED RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

DISABLE - LOAD BASED SHIFT SCHEDULE,
DISABLE - VEHICLE ACCELERATION CONTROL

NEUTRAL AT STOP - DISABLED, FUELSENSE -
DISABLED

DRIVER SWITCH INPUT - DEFAULT - NO
SWITCHES

VEHICLE INTERFACE WIRING CONNECTOR
WITHOUT BLUNT CUTS, AT BACK OF CAB

ELECTRONIC TRANSMISSION CUSTOMER
ACCESS CONNECTOR FIREWALL MOUNTED

CUSTOMER INSTALLED CHELSEA 270 SERIES
PTO

PTO MOUNTING, LH SIDE OF MAIN
TRANSMISSION

MAGNETIC PLUGS, ENGINE DRAIN,
TRANSMISSION DRAIN, AXLE(S) FILL AND
DRAIN

DASH MOUNTED T-HANDLE CABLE SHIFT
CONTROL WITH PARK POSITION FOR INTERNAL
PARK PAWL

TRANSMISSION PROGNOSTICS - DISABLED
(N/A) 2013, FOR USE IN 1000/2000 ONLY

WATER TO OIL TRANSMISSION COOLER, IN
RADIATOR END TANK

TRANSMISSION OIL CHECK AND FILL



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SYNTHETIC TRANSMISSION FLUID (TES-295
COMPLIANT)

Front Axle and Equipment

DETROIT DA-F-8.0-3 8,000# FF1 71.5 KPI/3.74
DROP SINGLE FRONT AXLE
MERITOR 15X5 Q+ CAST SPIDER CAM FRONT
BRAKES, DOUBLE ANCHOR, FABRICATED
SHOES
NON-ASBESTOS FRONT BRAKE LINING
CONMET CAST IRON FRONT BRAKE DRUMS
FRONT OIL SEALS
VENTED FRONT HUB CAPS WITH WINDOW,
CENTER AND SIDE PLUGS - OIL
STANDARD SPINDLE NUTS FOR ALL AXLES
MERITOR AUTOMATIC FRONT SLACK
ADJUSTERS
TRW THP-60 POWER STEERING
POWER STEERING PUMP
2 QUART SEE THROUGH POWER STEERING
RESERVOIR
SYNTHETIC 75W-90 FRONT AXLE LUBE

Front Suspension

8,000# TAPERLEAF FRONT SUSPENSION
MAINTENANCE FREE RUBBER BUSHINGS -
FRONT SUSPENSION
FRONT SHOCK ABSORBERS

Rear Axle and Equipment

DETROIT DA-RS-17.5-4 17,500# R-SERIES
SINGLE REAR AXLE
5.56 REAR AXLE RATIO
IRON REAR AXLE CARRIER WITH STANDARD
AXLE HOUSING
MXL 17T MERITOR EXTENDED LUBE MAIN
DRIVELINE WITH HALF ROUND YOKES
DRIVER CONTROLLED TRACTION
DIFFERENTIAL - SINGLE REAR AXLE
(1) DRIVER CONTROLLED DIFFERENTIAL LOCK
REAR VALVE FOR SINGLE DRIVE AXLE
BLINKING LAMP WITH EACH MODE SWITCH,
DIFFERENTIAL UNLOCK WITH IGNITION OFF,
ACTIVE <5 MPH
MERITOR 15X8.62 Q+ CAST SPIDER CAM REAR
BRAKES, DOUBLE ANCHOR, FABRICATED
SHOES



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NON-ASBESTOS REAR BRAKE LINING
BRAKE CAMS AND CHAMBERS ON FORWARD
SIDE OF DRIVE AXLE(S)
CONMET CAST IRON REAR BRAKE DRUMS
REAR OIL SEALS
WABCO TRISTOP D LONGSTROKE 1-DRIVE
AXLE SPRING PARKING CHAMBERS
MERITOR AUTOMATIC REAR SLACK
ADJUSTERS
SYNTHETIC 75W-90 REAR AXLE LUBE

Rear Suspension

18,000# 52 INCH VARIABLE RATE MULTI-LEAF
SPRING REAR SUSPENSION WITH LEAF
SPRING HELPER
SPRING SUSPENSION - NO AXLE SPACERS
STANDARD AXLE SEATS IN AXLE CLAMP
GROUP
REAR SHOCK ABSORBERS - ONE AXLE

Brake System

AIR BRAKE PACKAGE
WABCO 4S/4M ABS WITHOUT TRACTION
CONTROL
REINFORCED NYLON, FABRIC BRAID AND WIRE
BRAID CHASSIS AIR LINES
FIBER BRAID PARKING BRAKE HOSE
STANDARD BRAKE SYSTEM VALVES
STANDARD AIR SYSTEM PRESSURE
PROTECTION SYSTEM
STD U.S. FRONT BRAKE VALVE
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE,
NO REAR PROPORTIONING VALVE
WABCO SS-1200 PLUS AIR DRYER WITH
INTEGRAL AIR GOVERNOR AND HEATER
AIR DRYER MOUNTED UNDER HOOD
STEEL AIR BRAKE RESERVOIRS MOUNTED
INSIDE RAIL
PULL CABLES ON ALL AIR RESERVOIR(S)

Trailer Connections

PRIMARY CONNECTOR/RECEPTACLE WIRED
FOR COMBINATION STOP/TURN, CENTER PIN
POWERED THROUGH IGNITION WITH STOP
SIGNAL PREWIRE PACKAGE
SAE J560 7-WAY PRIMARY TRAILER CABLE
RECEPTACLE MOUNTED END OF FRAME



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UPGRADED CHASSIS MULTIPLEXING UNIT
UPGRADED BULKHEAD MULTIPLEXING UNIT

Wheelbase & Frame 186.0" wheelbase, 120.45" cab to axle

11/32X3-1/2X10-15/16 INCH STEEL FRAME
(8.73MMX277.8MM/0.344X10.94 INCH) 120KSI
1975MM (78 INCH) REAR FRAME OVERHANG
**8 INCH BOLT ON FRONT FRAME
EXTENSION ?**

Chassis Equipment

THREE-PIECE 14 INCH PAINTED STEEL
BUMPER WITH COLLAPSIBLE ENDS
FRONT TOW HOOKS - FRAME MOUNTED
BUMPER MOUNTING FOR SINGLE LICENSE
PLATE
FENDER AND FRONT OF HOOD MOUNTED
FRONT MUDFLAPS
GRADE 8 THREADED HEX HEADED FRAME
FASTENERS

Fuel Tanks

60 GALLON/227 LITER RECTANGULAR
ALUMINUM FUEL TANK - LH
RECTANGULAR FUEL TANK(S)
PLAIN ALUMINUM/PAINTED STEEL
FUEL/HYDRAULIC TANK(S) WITH PAINTED
BANDS
FUEL TANK(S) FORWARD
PLAIN STEP FINISH
FUEL TANK CAP(S)
DETROIT FUEL/WATER SEPARATOR WITH
WATER IN FUEL SENSOR AND HAND PRIMER
EQUIFLO INBOARD FUEL SYSTEM
HIGH TEMPERATURE REINFORCED NYLON
FUEL LINE

Tires

MICHELIN XZE 245/70R19.5 16 PLY RADIAL
FRONT TIRES
MICHELIN XDS2 245/70R19.5 16 PLY RADIAL
REAR TIRES

Hubs

CONMET PRESET PLUS PREMIUM IRON FRONT
HUBS



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CONMET PRESET PLUS PREMIUM IRON REAR
HUBS

Wheels

ACCURIDE 29195 19.5X7.50 10-HUB PILOT 5.96
INSET 5-HAND STEEL DISC FRONT WHEELS

ACCURIDE 29195 19.5X7.50 10-HUB PILOT 5-
HAND STEEL DISC REAR WHEELS
FRONT WHEEL MOUNTING NUTS
REAR WHEEL MOUNTING NUTS

Cab Exterior

106 INCH BBC FLAT ROOF ALUMINUM
CONVENTIONAL CAB
AIR CAB MOUNTING
CAB ROOF REINFORCEMENTS FOR ROOF
MOUNTED COMPONENTS
NONREMOVABLE BUGSCREEN MOUNTED
BEHIND GRILLE
LH AND RH EXTERIOR GRAB HANDLES WITH
SINGLE RUBBER INSERT
PAINTED PLASTIC GRILLE
ARGENT SILVER HOOD MOUNTED AIR INTAKE
GRILLE
FIBERGLASS HOOD
TUNNEL/FIREWALL LINER
SINGLE 14 INCH ROUND HADLEY AIR HORN
UNDER LH DECK
SINGLE ELECTRIC HORN
SINGLE HORN SHIELD
DOOR LOCKS AND IGNITION SWITCH KEYED
THE SAME WITH (4) KEYS
REAR LICENSE PLATE MOUNT END OF FRAME
SWITCH, INDICATOR LIGHT AND WIRING FOR
(2) CUSTOMER FURNISHED BEACONS
**(New) LED HEADLIGHT ASSEMBLY
AND INCANDESCENT MARKER/TURN
LAMP**
LED AERODYNAMIC MARKER LIGHTS
INTEGRAL STOP/TAIL/BACKUP LIGHTS
STANDARD FRONT TURN SIGNAL LAMPS
DUAL WEST COAST MOLDED-IN COLOR
HEATED MIRRORS
DOOR MOUNTED MIRRORS
102 INCH EQUIPMENT WIDTH



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LH AND RH 8 INCH MOLDED-IN COLOR CONVEX
MIRRORS MOUNTED UNDER PRIMARY
MIRRORS
RH DOWN VIEW MIRROR
STANDARD SIDE/REAR REFLECTORS
DUAL LEVEL CAB ENTRY STEPS ON BOTH
SIDES
63X14 INCH TINTED REAR WINDOW
TINTED DOOR GLASS LH AND RH WITH TINTED
NON-OPERATING WING WINDOWS
RH AND LH ELECTRIC POWERED WINDOWS,
PASSENGER SWITCHES ON DOOR(S)
TINTED WINDSHIELD
2 GALLON WINDSHIELD WASHER RESERVOIR
WITHOUT FLUID LEVEL INDICATOR, FRAME
MOUNTED

Cab Interior

OPAL GRAY CLOTH INTERIOR
MOLDED PLASTIC DOOR PANEL
MOLDED PLASTIC DOOR PANEL
BLACK MATS WITH SINGLE INSULATION
DASH MOUNTED ASH TRAYS AND LIGHTER
FORWARD ROOF MOUNTED CONSOLE WITH
UPPER STORAGE COMPARTMENTS AND
ADDITIONAL CENTER COMPARTMENT
WITHOUT NETTING
IN DASH STORAGE BIN
PLASTIC MANIFEST BOX - LH AND RH DOORS
(2) CUP HOLDERS LH AND RH DASH
GRAY/CHARCOAL FLAT DASH
SMART SWITCH EXPANSION MODULE
HEATER, DEFROSTER AND AIR CONDITIONER
STANDARD HVAC DUCTING WITH SNOW
SHIELD FOR FRESH AIR INTAKE
MAIN HVAC CONTROLS WITH RECIRCULATION
SWITCH
STANDARD HEATER PLUMBING WITH BALL
SHUTOFF VALVES AT SUPPLY LINES ONLY
DENSO HEAVY DUTY AIR CONDITIONER
COMPRESSOR
BINARY CONTROL, R-134A
PREMIUM INSULATION
SOLID-STATE CIRCUIT PROTECTION AND
FUSES WITH SPARE FUSE KIT



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12V NEGATIVE GROUND ELECTRICAL SYSTEM
DOME DOOR ACTIVATED LH AND RH, DUAL
READING LIGHTS, FORWARD CAB ROOF
LH AND RH ELECTRIC DOOR LOCKS
(1) 12 VOLT POWER SUPPLY IN DASH
TRIANGULAR REFLECTORS KIT WITHOUT
FLARES SHIPPED LOOSE IN CAB
ELITE HIGH BACK AIR SUSPENSION DRIVER
SEAT WITH HEAT, 3 CHAMBER AIR LUMBAR,
INTEGRATED CUSHION EXTENSION, FORWARD
AND REAR CUSHION TILT AND ADJUSTABLE
SHOCK
ELITE HIGH BACK AIR SUSPENSION
PASSENGER SEAT WITH HEAT, 3 CHAMBER AIR
LUMBAR, INTEGRATED CUSHION EXTENSION,
FORWARD AND REAR CUSHION TILT AND
ADJUSTABLE SHOCK
DUAL DRIVER SEAT ARMRESTS AND INBOARD
PASSENGER SEAT ARMREST
LH AND RH INTEGRAL DOOR PANEL ARMRESTS
BLACK MORDURA CLOTH DRIVER SEAT COVER
BLACK MORDURA CLOTH PASSENGER SEAT
COVER
HIGH VISIBILITY ORANGE SEAT BELTS
ADJUSTABLE TILT AND TELESCOPING
STEERING COLUMN
4-SPOKE 18 INCH (450MM) STEERING WHEEL
DRIVER AND PASSENGER INTERIOR SUN
VISORS

Instruments & Controls

GRAY DRIVER INSTRUMENT PANEL
GRAY CENTER INSTRUMENT PANEL
ENGINE REMOTE INTERFACE WITH PARK
BRAKE INTERLOCK
BLACK GAUGE BEZELS
LOW AIR PRESSURE INDICATOR LIGHT AND
AUDIBLE ALARM
2 INCH PRIMARY AND SECONDARY AIR
PRESSURE GAUGES
DASH MOUNTED AIR RESTRICTION INDICATOR
WITH GRADUATIONS
ELECTRONIC CRUISE CONTROL WITH
SWITCHES IN LH SWITCH PANEL
KEY OPERATED IGNITION SWITCH AND
INTEGRAL START POSITION; 4 POSITION
OFF/RUN/START/ACCESSORY



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MANUAL REMOTE ENGINE STOP/START WITH
PTO RE-ENGAGE
ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28
LED WARNING LAMPS AND DATA LINKED
HEAVY DUTY ONBOARD DIAGNOSTICS
INTERFACE CONNECTOR LOCATED BELOW LH
DASH
2 INCH ELECTRIC FUEL GAUGE
ENGINE REMOTE INTERFACE WITH MULTIPLE
SET SPEEDS
ENGINE REMOTE INTERFACE CONNECTOR AT
BACK OF CAB
CHASSIS MODULE JUMPER AND BRACKET FOR
BODY BUILDER TO RELOCATE THE CHASSIS
MODULE INTO THE CAB
ELECTRICAL ENGINE COOLANT TEMPERATURE
GAUGE
2 INCH TRANSMISSION OIL TEMPERATURE
GAUGE
ENGINE AND TRIP HOUR METERS INTEGRAL
WITHIN DRIVER DISPLAY
(1) DASH MOUNTED PTO SWITCH WITH
INDICATOR LAMP - PARK BRAKE AND NEUTRAL
INTERLOCK FOR CUSTOMER INSTALLED PTO
ELECTRIC ENGINE OIL PRESSURE GAUGE
AM/FM/WB WORLD TUNER RADIO WITH
AUXILIARY INPUT, J1939
DASH MOUNTED RADIO
(2) RADIO SPEAKERS IN CAB
AM/FM ANTENNA MOUNTED ON FORWARD LH
ROOF
POWER AND GROUND STUDS IN/UNDER DASH
ELECTRONIC MPH SPEEDOMETER WITH
SECONDARY KPH SCALE, WITHOUT
ODOMETER
STANDARD VEHICLE SPEED SENSOR
ELECTRONIC 3000 RPM TACHOMETER
IGNITION SWITCH CONTROLLED ENGINE STOP
THREE ON/OFF ROCKER SWITCHES IN THE
DASH WITH INDICATOR LIGHTS AND WIRE
ROUTED TO CHASSIS AT BACK OF CAB, LABEL
OPT
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH
DRIVER DISPLAY
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR
WITH DELAY PROGRAMMED TO SLOWEST
SPEED WITH PARK BRAKE SET



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MARKER LIGHT SWITCH INTEGRAL WITH
HEADLIGHT SWITCH
ONE VALVE PARKING BRAKE SYSTEM WITH
WARNING INDICATOR
SELF CANCELING TURN SIGNAL SWITCH WITH
DIMMER, WASHER/WIPER AND HAZARD IN
HANDLE
INTEGRAL ELECTRONIC TURN SIGNAL
FLASHER WITH HAZARD LAMPS OVERRIDING
STOP LAMPS

Design (2) Color Paint application

Color

CAB COLOR A: N0789EA OMAHA ORANGE ELITE
SS
CAB COLOR B: N0885EA FLAT BLACK ELITE SS
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS
PAINT
POWDER WHITE (N0006EA)WHEELS/RIMS

Extended Warranty

CUM 2017 B6.7: HD1 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM
EXTENDED WARRANTY. FEX APPLIES
CUM 2017 B6.7: AT3 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM
AFTERTREATMENT. FEX APPLIES
ALLISON 2000 RDS SERIES TRANSMISSION EXTENDED
WARRANTY, 5 YEARS/UNLIMITED MILES FEX
TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING
COVERAGE \$550 CAP FEX APPLIES



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M i - D E A L

2019 M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK	DETROIT DA-F-8.0-3 8,000# FF1 71.5 KPI/3.74 DROP
CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM	SINGLE FRONT AXLE
ALLISON 2200 RDS AUTOMATIC TRANSMISSION WITH PARK PAWL WITH PTO PROVISION	8,000# TAPERLEAF FRONT SUSPENSION
DETROIT DA-RS-17.5-4 17,500# R-SERIES SINGLE REAR AXLE	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER	4725MM (186 INCH) WHEELBASE
	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI
	1975MM (78 INCH) REAR FRAME OVERHANG

	TOTAL # OF UNITS (1)	PER UNIT	TOTAL
VEHICLE PRICE			
EXTENDED WARRANTY: INCLUDED.			
CUSTOMER PRICE BEFORE TAX	\$	67,896	\$ 67,896
TAXES AND FEES			
TAXES AND FEES	\$	0	\$ 0
OTHER CHARGES	\$	15	\$ 15
BALANCE DUE	(LOCAL CURRENCY) \$	67,911	\$ 67,911





April 11 2018
Our 89th Year

Ship To:
WASHTENAW COUNTY ROAD COMMISSION
555 N ZEEB RD
ANN ARBOR, MI 48103
US

Bill To:
WASHTENAW COUNTY ROAD COMMISSION
555 N ZEEB RD
ANN ARBOR, MI 48103
United States

Attn:
Phone: 734-761-1500
Email:

Account Manager: Dan Brown
Technical Sales Rep: Tod Jackson

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<u>Unit</u>		
1.	Altec Model TA50 Articulating Telescopic Aerial Device with a fiberglass upper boom and fiberglass insulator in the articulating arm and a proportional joystick upper control and toggle switches. Built in accordance to ALTEC's standard specifications and to include the following features:	1	
	A. Ground to Bottom of Platform Height: 49.5 ft at 12.0 ft from centerline of rotation (15.1 m at 3.7 m)		
	B. Working Height: 54.5 ft (16.6 m)		
	C. Maximum reach to edge of platform: 36.2 ft at 19.9 ft platform height (11 m at 6.1 m)		
	D. Continuous Rotation		
	E. Articulating Arm Articulation: -5 to 92 degrees. Insulator provides a minimum of 12 in (304.8 mm) of isolation.		
	F. Articulating arm is a tubular steel structure. The articulating arm is designed so that the articulating arm and lower boom are compensating. By raising the articulating arm only, the lower and upper boom maintains the same relative angle with the ground. By raising the articulating arm in conjunction with the lower boom, the operator is able to position himself more quickly and easily into the work area.		
	G. Upper Boom Articulation: -25 to 75 degrees. Insulator provides a minimum 38.0 in (609.6 mm) of isolation. The telescopic upper boom is filament wound, square fiberglass that is extended and retracted by a double acting hydraulic cylinder installed within the booms. The boom extends and retracts over slide bearings located in the end of the lower boom.		
	H. Upper Controls: The upper controls system includes a proportional joystick upper control and toggle switches.		
	I. The Altec ISO-Grip System (U.S. Patent No. 7,416,053) includes the following boom tip components that can provide an additional layer of secondary electrical contact protection. This is not a primary protection system. Control Handle is a single handle controller incorporating high electrical resistance components that is dielectrically tested to 40 kV AC with no more than 400 microampers of leakage. The control handle is green in color to differentiate it from other non-tested		

We Wish To Thank You For Giving Us The Pleasure
And Opportunity of Serving You

UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	assembly for temporary operation of the unit in a situation wherein the primary hydraulic source fails. Electric motor is powered by the chassis battery. This feature allows the operator to completely stow the booms, platform, and outriggers. Secondary Stowage & Start/Stop is activated with an air plunger at the platform or momentary switch at the lower control station and outriggers.		
9.	241 - Outrigger A-Frame with Flat-shoe - provides 149 inch (3785 mm) maximum spread outside to outside of shoe.	1	
10.	999 - Custom Outriggers - Rear outriggers not required.	1	
11.	Electric Over Hydraulic Outrigger Control Valve	1	
12.	Custom unit color (specify color code). - Orange	1	
<u>Unit & Hydraulic Acc.</u>			
13.	Reservoir, 25 Gallon, Sloped, Mounted in Cargo Area	1	
	<ul style="list-style-type: none"> A. Internal return filter, 10 micron absolute, fiberglass media. B. Ball valves in suction and return lines. C. Suction strainer. D. Filler/breather cap with dipstick. 		
14.	TA Series Subbase	1	
15.	HVI-22 Hydraulic Oil (Standard).	30	
16.	Standard Pump For PTO	1	
17.	Hot shift PTO for automatic transmission	1	
18.	Muncie PTO (Altec Standard)	1	
19.	Standard Altec PTO/Machine Functionality: PTO won't engage until parking brake is set. -Once parking (holding) brake is set, PTO and machine functions are enabled. -If parking (holding) brake is disengaged, both PTO and machine functions are disabled.	1	
20.	Altec recommends any connection made to the tool circuit be done with Non-Conductive hose. If ordering a Hose reel, Altec recommends ordering a hose reel with Non-Conductive hose. The lower tool circuit hoses may be, or become, conductive. Death or serious injury could occur if the unit becomes energized while lower tool circuit is in use.	1	
21.	Install Tool Circuit with Quick Disconnects, Below Rotation (Male Pressure, Female Return)	1	

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
38.	Gas Shock (Gas Spring) Rigid Door Holders On All Vertical Doors	1	
39.	Cable Holders On All Horizontal Doors	1	
40.	One Chock Holder On Each Side of Body With Retaining Lip In Fender Panel	1	
41.	Fiberglass Hotstick Shelf Extending Full Length Of Body On Streetside	1	
42.	Two Hotstick Brackets On Streetside	1	
43.	Standard Drop-Down Fiberglass Hotstick Door For One (1) Shelf On Streetside, Stainless Steel Slam Paddle Latch With Keyed Lock	1	
44.	12 Gauge Steel Treadplate Floor	1	
45.	4" Steel Channel Body Frame	1	
46.	1st Vertical (SS) - Locking Swivel Hooks On An Adjustable Aluminum Rail (Preferred Option) - Left Wall	2	
47.	1st Vertical (SS) - Locking Swivel Hooks On An Adjustable Aluminum Rail (Preferred Option) - Rear Wall	3	
48.	1st Vertical (SS) - Locking Swivel Hooks On An Adjustable Aluminum Rail (Preferred Option) - Right Wall	2	
49.	1st Vertical (SS) - Outrigger Housing, With Outrigger Pin Access As Needed	1	
50.	2nd Vertical (SS) - Adjustable Fiberglass Shelf With Removable Dividers On 4" Centers	3	
51.	3rd Vertical (SS) - Pull-Out Drawer Kit, 3.5 Tall X 5.5 Wide Drawers, To Be As Deep As Possible. - 9 drawers.	1	
52.	1st Horizontal (SS) - Fixed Fiberglass Shelf With Removable Dividers On 4" Centers On Bottom of Compartment	1	
53.	Rear Vertical (SS) - Locking Swivel Hooks On An Adjustable Aluminum Rail (Preferred Option) - Left Wall - Rear Vertical (SS)	2	
54.	Rear Vertical (SS) - Locking Swivel Hooks On An Adjustable Aluminum Rail (Preferred Option) - Rear Wall - Rear Vertical (SS)	3	
55.	Rear Vertical (SS) - Locking Swivel Hooks On An Adjustable Aluminum Rail (Preferred Option) - Right Wall - Rear Vertical (SS)	2	
56.	1st Vertical (CS) - Locking Swivel Hooks On An Adjustable Aluminum Rail (Preferred Option) - Left Wall	2	

We Wish To Thank You For Giving Us The Pleasure
And Opportunity of Serving You

UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
<u>Body and Chassis Accessories</u>			
74.	29" L Aluminum Tailshelf, Width To Match Body - To include 2 sign base holders recessed into the sides of the tailshelf, 5 IN x 5 IN.	1	
75.	ICC (Underride Protection) Bumper Installed At Rear	1	
76.	Combination 2 Ball (10,000 LB MGTW) And Pintle Hitch (16,000 LB MGTW)	1	
77.	Set Of D-Rings for Trailer Safety Chain, installed one each side of towing device mount.	1	
78.	Eyebolt For Breakaway Cable, 1/4 Inch	1	
79.	Send Out for Spring Build Up	1	
80.	Platform Access Step From Body Floor	1	
81.	Boom Rest for a Telescopic Unit	1	
82.	Plastic Outrigger Pad, 20" x 20" x 1.5", With Rope Handle	4	
83.	Outrigger Pad Holder, 25" L x 25" W x 3" H, Fits 24.5" x 24.5" x 2" And Smaller Pads, Bolt-On, Bottom Washout Holes, 3/4" Lip Retainer - Aluminum materail, mounted 2 each side under the body.	4	
84.	Pendulum Retainers For Outrigger Pad Holders	4	
85.	Mud Flaps With Altec Logo (Pair)	1	
86.	Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair)	1	
87.	Slope Indicator Assembly For Machine With Outriggers	1	
88.	Cone Holder, Post Style, With Hinged Plate and Latch - Mounted on the front bumper.	1	
89.	Custom Air Compressor - Vanair compressor, 125 CFM, 150 PSI	1	
90.	Air Hose Reel for 75' of 3/4" Air Hose, 250 psi (ReelCraft)	1	
91.	Triangular Reflector Kit, Installed	1	
92.	Vise, Utility, 6.5 IN Jaw with 5.5 IN Opening, Pipe Jaws, with Replaceable Jaws and Swivel base	1	
93.	Vinyl manual pouch for storage of all operator and parts manuals	1	

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UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
108.	6-Way Trailer Receptacle (Pin Type) Installed At Rear	1	
109.	Altec Modular Panel System (AMPS) - Includes Mounting Panel and Accessory Switches	1	
110.	Inverter, 2400 Watt, Pure Sine Wave, 120 VAC (Sensata #12/2400N) - Mounted in the body street side 1st vertical compartment on the shelf.	1	
111.	Power Distribution Module (Includes Operators Manual), Shipped Loose	1	
112.	Install secondary stowage system.	1	
113.	Install Remote Start/Stop system in Final Assembly.	1	
114.	Install Outrigger Interlock System	1	
115.	Additional Electrical Accessory - Whelen MC 27 PA mounted on the roof of the truck cab.	1	

Finishing Details

116.	Finish Paint Body Accessories Above Body Floor Altec White	1	
117.	Altec Standard; Components mounted below frame rail shall be coated black by Altec. i.e. step bumpers, steps, frame extension, pintle hook mount, dock bumper mounts, D-rings, receiver tubes, accessory mounts, light brackets, under-ride protection, etc. Components mounted to under side of body shall be coated black by Altec. i.e. Wheel chock holders, mud flap brackets, pad carriers, boxes, lighting brackets, steps, and ladders.	1	
118.	Apply Non-Skid Coating to all walking surfaces	1	
119.	English Safety And Instructional Decals	1	
120.	Vehicle Height Placard - Installed In Cab	1	
121.	Placard, HVI-22 Hydraulic Oil	1	
122.	Dielectric test unit according to ANSI requirements.	1	
123.	Stability test unit according to ANSI requirements.	1	
124.	DOT Certification Required - Plant 47 to perform.	1	
125.	Non-Focus Factory Build	1	
126.	Delivery Of Completed Unit	1	

We Wish To Thank You For Giving Us The Pleasure
And Opportunity of Serving You

UTILITY EQUIPMENT AND BODIES SINCE 1929



<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
148.	No Idle Engine Shut-Down Required	1	
149.	50-State Emissions	1	
150.	Clean Idle Certification	1	
151.	Chassis Without Front Frame Extensions	1	
152.	120,000 Yield Strength (PSI)	1	
153.	Battery Under Cab Left Hand	1	
154.	AM/FM Radio	1	

Additional Pricing

155.	Standard Altec Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty	1	
------	---	---	--

Unit / Body / Chassis Total 156,222.00

Altec Industries, Inc.

BY _____

Tod Jackson

Notes:

Solicitation Information

Washtenaw County Road Commission

Solicitation Number

1804 002

Deadline

04/11/2018 11:00 AM EDT

Advertised

04/03/2018 01:04 PM EDT

Description

The Van Tuyle Road over Iron Creek Culvert Project is located in Sections 25 of Manchester Township, Washtenaw County, Michigan. The project consists of designing, manufacturing, and delivering an aluminum box culvert to the project site, including the submittal of shop drawings, design calculation and load rating calculations.

Bidders

Business Name	Address	Phone
St. Regis Culvert, Inc.	202 Morrell Street Charlotte, MI 48813	(517) 543-3430
Contech Engineered Solutions	10682 Moose Court Zeeland, MI 49464	(616) 403-5525
2 Bidders		

Item	Quantity	Contech Engineered Solutions		Quantity	St. Regis Culvert, Inc.	
		Price	Extension		Price	Extension
Schedule of Items (Itemized Bid Sheet)						
4067001 Culv. Alum Box, 22.08ft Span x 6.5ft Rise x 40f.. LS	1	\$58,250.00	\$58,250.00	1	\$73,130.00	\$73,130.00
1 Item	Totals:		\$58,250.00			\$73,130.00

VOUCHER #

10292

WASHTENAW COUNTY
BOARD OF ROAD COMMISSIONERS
ANN ARBOR, MICHIGAN

DATE April 3, 2018

WARRANT # _____

AMOUNT \$ 260,616.63

ACCT. CODE 20

TO: WASHTENAW COUNTY ROAD COMMISSION

ITEMS	DISCOUNT	CLASSIFICATION	GROSS AMT.
20104600.800000			
PAYROLL FOR April 4, 2018			\$ 260,616.63
GROSS PAYROLL \$ 269,250.52			
<u>A.C.H.</u>			
Payroll Direct Deposit \$ 172,078.53			
Deferred Comp \$ 8,631.00			

It is hereby certified that the above account is true and correct and that no part of it has been paid.

To the County Clerk:

The within account has been carefully checked and audited. You are hereby directed to draw your warrant upon the County Treasurer for the above amount payable from the County Road Fund.

CONTROLLER

CHAIRMAN

The above account approved by:

MEMBER

MANAGING - DIRECTOR & DEPUTY CLERK OF THE BOARD

BOARD OF COUNTY ROAD COMMISSIONERS

VOUCHER # 10293

WASHTENAW COUNTY
BOARD OF ROAD COMMISSIONERS

ANN ARBOR, MICHIGAN

DATE April 3, 2018

WARRANT # _____

TO: WASHTENAW COUNTY ROAD COMMISSION

AMOUNT \$746,409.11

ACCT. CODE 20

ITEMS	DISCOUNT	CLASSIFICATION	GROSS AMT.
20104600.800000			\$ 726,495.88
FICA/MEDICARE			\$ 19,913.23
ACCOUNTS PAYABLE FOR	April 4, 2018		

It is hereby certified that the above account is true and correct and that no part of it has been paid.

To the County Clerk:
The within account has been carefully checked and audited. You are hereby directed to draw your warrant upon the County Treasurer for the above amount payable from the County Road Fund.

CONTROLLER

CHAIRMAN

The above account approved by:

MEMBER

MANAGING - DIRECTOR & DEPUTY CLERK OF BOARD

BOARD OF COUNTY ROAD COMMISSIONERS

Date 04/03/2018
Time 10:14:31

Washtenaw County Road Commission
AP - Check Register

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----- Check -----		----- Vendor -----		Check
Number	Date	Number	Name	Amount
76410	04/04/2018	4-EVER	4-EVER-WATER-TITE LLC	425.00
76411	04/04/2018	AARCLA	AARON CLAVIER	73.50
76412	04/04/2018	ADADUS	ADAM DUSSEAU	160.00
76413	04/04/2018	ONYX00	ADVANCED DISPOSAL SERVICES	1,452.54
76414	04/04/2018	AFLACO	AFLAC	81.83
76415	04/04/2018	AGGIND	AGGREGATE INDUSTRIES, MGMT INC	24,289.39
76416	04/04/2018	AISCON	AIS CONSTRUCTION EQUIPMENT	7,562.02
76417	04/04/2018	ALEFIN	ALERUS FINANCIAL	200.00
76418	04/04/2018	AAWELD	ANN ARBOR WELDING SUPPLY	98.75
76419	04/04/2018	AUTSER	AUTOMOTIVE SERVICE CO.	245.15
76420	04/04/2018	B&MASH	B & MASHMAN INC	970.52
76421	04/04/2018	BANIND	BANDIT INDUSTRIES INC	163.19
76422	04/04/2018	BEARES	BEAVER RESEARCH COMPANY	1,787.60
76423	04/04/2018	BLUECR	BLUE CROSS BLUE SHIELD OF MI	206,726.00
76424	04/04/2018	CARGAB	CARRIER & GABLE INC	43,202.80
76425	04/04/2018	CDWG00	CDW-G	5,239.18
76426	04/04/2018	CHELUM	CHELSEA LUMBER COMPANY	14.84
76427	04/04/2018	COMBAT	COMPLETE BATTERY SOURCE	280.00
76428	04/04/2018	CONMCK	CONLIN, MCKENNEY & PHILBRICK	4,747.00
76429	04/04/2018	CONENG	CONSUMERS ENERGY	2,632.75
76430	04/04/2018	CRUISI	CRUISERS, INC	456.79
76431	04/04/2018	CTMTU	CTT/MTU	85.00
76432	04/04/2018	CUMMIC	CUMMINS BRIDGEWAY LLC	201.43
76433	04/04/2018	DKTRUC	D & K TRUCK COMPANY	251.40
76434	04/04/2018	DETED2	DETROIT EDISON	11,107.82
76435	04/04/2018	DEVTEC	DEVEN'S TECH SUPPLY	365.03
76436	04/04/2018	DOMSYS	DOMINANT SYSTEMS	34,895.49
76437	04/04/2018	DTEENE	DTE ENERGY	13,216.68
76438	04/04/2018	ELETER	ELECTRICAL TERMINAL SERVICE IN	856.48
76439	04/04/2018	FASTEN	FASTENAL COMPANY	76.18
76440	04/04/2018	FLEPRI	FLEET PRIDE	1,400.46
76441	04/04/2018	GALLOU	GALLOUP	1,102.68
76442	04/04/2018	GIBCAB	GIBRALTAR GLOBAL LLC	8,098.57
76443	04/04/2018	GRAING	GRAINGER INC	2,030.67
76444	04/04/2018	GROUP0	GROUP 31 SUPPLY	841.62
76445	04/04/2018	HEAEQU	HEALTH EQUITY	5,293.45
76446	04/04/2018	HOTMID	HOTSY MIDWEST CLEANING SYSTEMS	27.25
76447	04/04/2018	HUBSUP	HUBBARD SUPPLY CO	67.08
76448	04/04/2018	JACTRU	JACKSON TRUCK SERVICE INC	954.48
76449	04/04/2018	JASKNI	JASON KNIGHT	12.50
76450	04/04/2018	KINCAR	KINGDOM CARTRIDGE	52.00
76451	04/04/2018	LAWPRO	LAWSON PRODUCTS INC	1,000.18
76452	04/04/2018	LENFUE	LENAWEE FUELS INC	30,209.88
76453	04/04/2018	LOWES0	LOWES	1,081.51
76454	04/04/2018	MADELE	MADISON ELECTRIC CO	284.50
76455	04/04/2018	MENINC	MENARD INC	98.50
76456	04/04/2018	MICKLU	MICHAEL R KLUCK & ASSOCIATES	1,999.30
76457	04/04/2018	MICCAT	MICHIGAN CAT	7,631.70
76458	04/04/2018	MCRCS2	MICHIGAN COUNTY RD COMMISSION	1,514.41

Date 04/03/2018
Time 10:14:31

Washtenaw County Road Commission
AP - Check Register

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----- Check -----		----- Vendor -----		Check
Number	Date	Number	Name	Amount
76459	04/04/2018	MICPOW	MICHIGAN POWER RODDING	266.00
76460	04/04/2018	MIDMAI	MIDWEST MAINTENANCE SERVICES	3,057.81
76461	04/04/2018	MERS00	MUNICIPAL EMPLOYEES RETIREMENT	172,419.00
76462	04/04/2018	NAPAUT	NAPA AUTOPARTS	283.27
76463	04/04/2018	NAPLAW	NAPOLEON LAWN & LEISURE INC.	213.62
76464	04/04/2018	NICVAN	NICOLE PETERSON	20.00
76465	04/04/2018	OCCHEA	OCCUPATIONAL HEALTH CENTERS OF	147.00
76466	04/04/2018	ORIDIA	ORIGIN DIAGNOSTICS LLC	188.85
76467	04/04/2018	PARAUT	PARTS PEDDLER AUTO SUPPLY	105.86
76468	04/04/2018	PENTOO	PENNSYLVANIA TOOL	111.20
76469	04/04/2018	PLAMOR	PLANTE & MORAN	70,432.25
76470	04/04/2018	POWTRA	POWER TRANSMISSION CO	436.24
76471	04/04/2018	QUFIRE	QUALITY FIRE SERVICES	167.30
76472	04/04/2018	QUAOVE	QUALITY OVERHEAD DOOR INC	9,768.00
76473	04/04/2018	RECYCL	RECYCLE ANN ARBOR	150.00
76474	04/04/2018	ROPRIG	ROPES & RIGGING TREE SERVICE	750.00
76475	04/04/2018	SAFKLE	SAFETY KLEEN CORPORATION	331.36
76476	04/04/2018	SHRTIR	SHRADER TIRE	142.80
76477	04/04/2018	SIGTEC	SIGMA TECHNOLOGIES	7,047.39
76478	04/04/2018	SITONE	SITEONE LANDSCAPE SUPPLY LLC	17.62
76479	04/04/2018	STAHAR	STADIUM HARDWARE	59.99
76480	04/04/2018	STAINS	STANDARD INSURANCE COMPANY	9,410.49
76481	04/04/2018	MDEQ00	STATE OF MICHIGAN	1,200.00
76482	04/04/2018	STOMIC	STONECO OF MICHIGAN	2,176.40
76483	04/04/2018	SUBCHE	SUBURBAN CHEVROLET	667.95
76484	04/04/2018	SUPTUR	SUPERIOR TURBO & INJECTION	550.20
76485	04/04/2018	TRASUP	TRACTOR SUPPLY CO	103.92
76486	04/04/2018	TRUTRA	TRUCK & TRAILER - BOYNE FALLS	384.40
76487	04/04/2018	TRUSPE	TRUCK & TRAILER SPECIALTIES	384.59
76488	04/04/2018	ARRUNI	UNIFIRST	406.97
76489	04/04/2018	VARPRO	VARIPRO	18,739.04
76490	04/04/2018	VERWIR	VERIZON WIRELESS	410.98
76491	04/04/2018	VILMAN	VILLAGE OF MANCHESTER	50.69
76492	04/04/2018	WWWILL	W W WILLIAMS COMPANY LLC	329.59

Report Total

726,495.88

 ORGANIZATIONAL POLICY	GENERAL ADMINISTRATION APPLICATION: Non-Union Employees				
	TITLE: Unpaid Leave of Absence	RESOLUTION NUMBER RC16-373	SUPERCEDE RC16-373	EFFECTIVE DATE 04/03/2018	SUPERCEDE 10/04/2016

INTENT

It is the intent of the Washtenaw County Board of Road Commissioners to establish guidelines for administering unpaid leaves of absences that do not qualify under the Family Medical Leave Act for employees of the Washtenaw County Road Commission (WCRC).

GENERAL PROVISIONS

- A. The Human Resources Manager is responsible for the administration of the unpaid leave of absence program.
- B. The Managing Director will have final approval on all requests for unpaid leave.
- C. Employee must deplete all available annual leave before an unpaid leave of absence will be considered. (excludes maternity/paternity leave)
- D. Leaves will be granted on an individual basis. Factors used in making a decision to grant a leave may include, but not be limited to, the employee's relative level of management, the perceived difficulty of replacement and the criticality of the position's specialty.

ELIGIBILITY

Regular full-time employees will be eligible to apply for an unpaid leave of absence following completion of one (1) year of employment.

QUALIFYING REASONS

To qualify for an unpaid leave of absence, an employee must be taking leave for one of the following reasons:

- 1. To attend an educational institute
- 2. Compelling personal circumstances
- 3. Birth or adoption of the employee's child (Following exhaustion of FMLA)

DURATION OF UNPAID LEAVE

Leaves may be granted up to a maximum of one hundred and eighty (180) days. An eligible employee who has been granted a leave may not request a subsequent leave until 365 days after expiration of the previously granted unpaid leave.

REQUESTS FOR UNPAID LEAVE

An employee who wants to be considered for an unpaid leave of absence must submit a written request to the Human Resources Manager giving the reason for the request and the expected duration of the leave.

BENEFITS DURING UNPAID LEAVE

- A. An employee's health insurance and other group health benefits will be continued through the end of the month in which the unpaid leave began. At that time, the employee may continue these benefits by accepting COBRA. Re-enrollment in these programs will be done at the earliest date allowable by the respective carriers.
- B. An employee can continue to contribute to their voluntary deductions (deferred compensation, optional life, etc.) while on unpaid leave. The Finance Department must receive payment prior to each bi-weekly check date. If the payment is more than 30 days late, the employee's voluntary deductions will be cancelled. If the employee chooses not to continue the voluntary deductions through their unpaid leave they may not be eligible to re-enroll until the next enrollment period.
- C. An employee will not accrue annual leave while on unpaid leave.
- D. An employee will not earn service credit while on unpaid leave.
- E. Holiday pay will not be granted while on an unpaid leave.

RETURNING FROM UNPAID LEAVE

An employee is expected to return to work no later than the next regularly scheduled workday after the expiration of the approved leave. If an employee fails to return to work as scheduled after an approved leave, it will constitute a voluntary resignation.

From: ALAN WARMANEN [<mailto:warmanen@comcast.net>]
Sent: Sunday, April 8, 2018 10:08 PM
To: Townsend, Roy
Cc: Brabecf@ewashtenaw.org
Subject: Re: Mailbox Concern

Mr. Townsend,

I am writing to request an appeal to the WCRC Board regarding the restitution policy for mailboxes that have been damaged by county snow plows. I addressed the Board on Tuesday, April 3rd and gave a detailed description of how my mailbox was damaged by your snow plow and why I believe I should receive reimbursement equal to the cost required to replace my mailbox and post. I no longer have the original receipt so I have attached photos showing the cost of the mailbox and post at Lowes, which is where I purchased them originally. If you require further information, please contact me.

Sincerely,

Alan Warmanen
6537 Pennstone Circle
Saline, MI 48176
734-944-9210





\$ 89⁹⁷ Everyday Low Price





WASHTENAW COUNTY ROAD COMMISSION

TO: Washtenaw County Board of Road Commissioners

FROM: Roy D. Townsend, P.E.
Managing Director

SUBJECT: Staff Report – 3-26-18 to 4-8-18

DATE: April 17, 2018

TOWNSHIP REPORT

OPERATIONS REPORT

MAINTENANCE

Patching of paved roads took place throughout the County. In addition, the following specific maintenance activities were performed in individual townships.

ANN ARBOR TOWNSHIP

- Boom Mow – Earhart Road, Warren Road
- Drainage and Backslopes – Country Club Road
- Limestone Patch – Chalmers Drive, Ford Road, N Maple road, Stein Road: 120 tons
- Fallen Trees – Hogback Road
- Tree Cutting – Huron River Drive

AUGUSTA TOWNSHIP

- Boom Mow – Bunton Road, Judd Road, Liss Road, Macey Road, McKean Road, Pitman Road, Rawsonville Road, Sandy Lane, Tuttle Hill Road, Whittaker Road
- Limestone Patch – Bunton Road, Liss Road, Petersburg Road, Rosbolt Road, Tuttle Hill Road: 195 tons

BRIDGEWATER TOWNSHIP

- Fallen Trees – Bartlett Road, Seven Mile Road
- Gravel Patch – Sheridan Road: 8 tons
- Limestone Patch – Kies Road, Neblo Road, Sheridan Road, Wilbur Road: 51 tons
- Roadside – Fisk Road

DEXTER TOWNSHIP

- Limestone Patch – N Lake Road, Riker Road, Waterloo Road: 78 tons

FREEDOM TOWNSHIP

- Gravel Patch – Bemis Road, Hieber Road: 15 tons
- Limestone Patch – Hieber Road, Lima Center Road: 17 tons

LIMA TOWNSHIP

- Cut Trees – S Dancer Road
- Fallen Trees – Dexter-Chelsea Road
- Gravel Patch – N Dancer Road: 18 tons
- Limestone Patch – N Dancer Road, Gross Road: 28 tons

LODI TOWNSHIP

- Drainage and Backslopes – Diuble Road, W Ellsworth Road, Gensley Road, Tessmer Road, W Waters Road
- Gravel Patch – Alber Road, Bethel Church Road, Saline Waterworks Road, Tessmer Road, Textile Road: 60 tons
- Limestone Patch – Alber Road, Bethel Church Road, Diuble Road, W Ellsworth Road, Gensley Road, Lindemann Road, Saline Waterworks Road, Textile Road, W Waters Road: 106 tons

LYNDON TOWNSHIP

- Fallen Trees – Guinan Drive, Island Lake Road, N Territorial Road
- Gravel Patch – Wild Goose Lake Road: 8 tons
- Limestone Patch – Waterloo Road, Wild Goose Lake Road: 10 tons

MANCHESTER TOWNSHIP

- Drainage and Backslopes – Henzie Road
- Gravel Patch – Hogan Road: 7 tons
- Limestone Patch – Buss Road, Mahrle Road: 36 tons
- Roadside – Tracey Road

NORTHFIELD TOWNSHIP

- Boom Mow – E Joy Road, Earhart Road, Nollar Road, Seven Mile Road, Six Mile Road, Service Road, Spencer Road
- Fallen Trees – N Territorial Road, Service Drive
- Gravel Patch – Wolff Road: 8 tons
- Limestone Patch – W Joy Road, Nollar Road: 30 tons

PITTSFIELD TOWNSHIP

- Cut Trees – W Textile Road
- Fallen Trees – W Bemis Road
- Limestone Patch – Textile Road, Warner Road: 150 tons
- Removed Debris from Drains – Sunnydale Street
- Roadside – E Bemis Road, Carpenter Road, E Ellsworth Road, Merritt Road

SALEM TOWNSHIP

- Drainage and Backslopes – Currie Road, Seven Mile Road, E Shore Drive, Six Mile Road
- Fallen Trees – Five Mile Road
- Limestone Patch – N Dixboro Road, Salem Road, Currie Road, Salem Road: 58 tons

SALINE TOWNSHIP

- Cut Trees – Case Road
- Drainage and Backslopes – Jordan Road
- Limestone Patch – Braun Road, Dell Road, Macon Road, Marion Road, Parker Road: 182 tons

SCIO TOWNSHIP

- Cut Trees – Parkridge Drive
- Drainage and Backslopes – E Delhi Road, Pratt Road, W Delhi Road
- Gravel Patch – West Street
- Limestone Patch – S Burton Road, Delhi Road, Delhi Street, Honey Creek Drive, Joanne Drive, Kuebler Court, Kuebler Drive, W Liberty Road, Luella Street, Myrtle Avenue, Pratt Road, Railroad Street, Riverbend Drive, Staebler Road, Tubbs Road: 87 tons

SHARON TOWNSHIP

- Drainage and Backslopes- Walker Road
- Gravel Patch – Easudes Road, Sharon Hollow Road: 12 tons
- Limestone Patch – Peckins Road: 10 tons
- Roadside – Peckins Road

SUPERIOR TOWNSHIP

- Fallen Trees – Vreeland Road
- Guardrail Repairs –Geddes Road, Superior Road
- Limestone Patch – Warren Road: 15 tons

SYLVAN TOWNSHIP

- Cut Trees – Old US-12
- Drainage and Backslopes – Liebeck Road
- Fallen Trees – Heim Road, Loveland Road, McClure Road, Werkner Road

WEBSTER TOWNSHIP

- Limestone Patch – Barker Road, Farrell Road, Gregory Road, S Hamburg Road, Huron River Drive, Jennings Road, Joy Road, Merrill Road, Strawberry Lake Road, Valentine Road, Vaughn Road, Walsh Road, Zeeb Road: 152 tons

YORK TOWNSHIP

- Limestone Patch – Hack Road, S Maple Road: 100 tons

YPSILANTI TOWNSHIP

- Cut Trees – Harmon Street, Merritt Road, Sunnyglen Avenue, Willowbridge Road
- Drainage and Backslopes – Tuttle Hill Road
- Limestone Patch Shoulders – Bunton Road, McKean Road, Merritt Road, Mission Hills Drive, Textile Road, Tuttle Hill Road, Whittaker Road: 67 tons
- Roadside – Bemis Road, Cadillac Street, Coolidge Road, Glory Lane, Harmon Street, McGregor Road, Merritt Road, Morgan Street, Outer Lane Drive, Service Drive, Sunnyglen Avenue, Watson Street, Willowbridge Road

WINTER MAINTENANCE

- Crews Responded – 3 times
- Total Salt Used – 118 tons
- Total Abrasives Used – 14 tons
- Total Brine Used – 110 gallons

NESC Updates

Contractors are working on punch list items and warranty work is ongoing. We are also working with contractors for additional equipment installation.

SHOP REPORT**Shop Repairs**

- Tires Repaired – 6 tires
- New Tire Installation – 9 tires
- Vehicles Serviced – 3
- Vehicles Serviced by Suburban Chevrolet – 4
- Work Orders Completed – 23

Equipment Repair**Note:**

- Truck 315 – Replaced the starter
- Truck 326 – Replaced headlamp wiring
- Truck 332 – Replaced the batteries
- Truck 340 – replaced the turbo tubing
- Truck 341 – Replaced the dump body hinge pins
- Grader 441 – Resealed the control valves

BUILDING & GROUNDS REPORT**Yard One**

- Janitorial
- Swept garage
- Recycled steel and tires
- Worked on fuel system
- Sprayed for bugs
- Repaired lights
- Worked on card readers
- Replaced the wiring on the south gate
- Winter maintenance

Yard Two

- Cleaned drain lines in men's rooms

Yard Three

- Fixed brine leak
- Fuel system repair

NESC

- Worked on brine system
- Swept floor in parking garage

PERMITS – QUARTERLY REPORT (January – March 2018)

2018 YTD as of March 31st		FY2017 Totals
Right-of-Way Permit Applications =	212	1,076
Right-of-Way Permits Issued =	176	1,013
Residential Permits	47	372
Commercial Permits	26	80
Utility Permits	96	438
Miscellaneous Permits	7	123
Transportation Permits Issued =	601	1,731
Permit Staff Review & Inspection Charges =	\$ 66,106	\$ 251,492
Permits Application Fees Collected =	\$ 38,447	\$ 243,103

TRAFFIC SIGNAL - QUARTERLY REPORT (January – March 2018)

FY 2017 Totals	2018 YTD		Q1	Q2	Q3	Q4
164	Annual Service =	0	0			
159	Trouble Call =	52	52			
24	Housekeeping =	0	0			
87	Const. Projects =	0	0			
18	T&S Projects =	3	3			
6053	Miss Dig Requests Received =	502	502			

SIGN SHOP- QUARTERLY REPORT (January – March 2018)

		Q1	Q2	Q3	Q4
FY 2017 Totals	2018 YTD	64	64		
752	New Sign Installation =	398	398		
2162	Signs Replaced =	13	13		
77	Signs Repaired/Relocated =	71	71		
815	Signs Removed =				

MEETINGS ATTENDED:

- 4/03 J. Harmon, R. Townsend, and M. Mastie attended the 2018 Northfield Township pre-meeting held in WCRC Conference Rm 200
- 4/03 Commissioners D. Fuller, B. Fuller, and B. McFarlane, R. Townsend, J. Harmon, and J. Powers attended the 2018 Lodi Township meeting held at the Township Hall
- 4/04 Commissioners D. Fuller, B. Fuller, and B. McFarlane, R. Townsend, J. Harmon, M. Bernbeck, and E. Long attended the 2018 Pittsfield Township meeting held at the Township Office
- 4/04 Commissioners D. Fuller and B. Fuller, R. Townsend, J. Harmon, and R. Freeman attended the 2018 Manchester Township meeting held at the Township Office
- 4/05 Commissioners D. Fuller and B. McFarlane, R. Townsend, J. Harmon, and R. Freeman attended the 2018 Freedom Township meeting held at the Township Hall
- 4/05 Commissioner D. Fuller, R. Townsend, J. Harmon, and R. Freeman attended the 2018 Bridgewater Township meeting held at the Township Hall
- 4/06 J. Harmon, D. Fuller, A. Lape, and T. Lobbestael attended the HMA Surfacing Program bid opening held in the WCRC Board Rm