WASHTENAW COUNTY ROAD COMMISSION
Bi-Monthly Meeting of the Board of County Road Commissioners
December 19, 2017 – 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 1-5
A. Board Meeting Minutes of December 5, 2017

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 6-15

V. NEW BUSINESS
A. Consent Agenda ................................................................................................. Page 16-61
   1. Textile Road – Amendments to Preliminary Engineering Services
   2. Platt-Textile Greenway – Pittsfield Township Agreement
   3. Textile Road Traffic Control Device Agreement
   4. Washtenaw Community College Pathway Agreement
   5. Dexter Townhall Road – Road Closure
   6. 2018 Capital Equipment Purchase Authorization – Four Western Star 4700SB Truck Chassis
   7. 2018 Capital Equipment Purchase Authorization – Four Western Star 4700SB Truck Upfitting
   8. 2018 Capital Equipment Purchase Authorization – Motor Grader
  10. 2018 Capital Equipment Purchase Authorization – 1-Ton Truck Chassis
  11. 2018 Capital Equipment Purchase Authorization – 1-Ton Truck Upfitting
  12. 2018 Capital Equipment Purchase Authorization – GMC 1500 Crew Cab Pickup Trucks
  14. Capital Improvement Plan
  15. Payroll & Bills for December 13, 2017

VI. REPORTS ............................................................................................................. Page 62-67
A. County Commissioner’s Report
B. Road Commissioner’s Report
C. Managing Director’s Report
   1. Staff Report of 11-27 to 12-10-17

VIII. EXECUTIVE SESSION

IX. ADJOURNMENT
Board Present: Road Commissioners Douglas Fuller, William McFarlane

Board Absent: Road Commissioner Barb Fuller

Staff Present: R. Townsend, S. Siddall, J. Harmon, D. Ackerman, M. MacDonell, C. Ryan

Others Present: 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

RC17-416 McFarlane moved, D. Fuller seconded to approve the agenda as presented. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

PUBLIC HEARING – Approval of the Road Commission 2018 Budget

Commissioner Doug Fuller opened the floor for the Public Hearing for the Approval of the Road Commission 2018 Budget.

Commissioner Doug Fuller closed the floor for the Public Hearing for Approval of the Road Commission 2018 Budget.

ACCEPTANCE OF THE MINUTES

RC17-417 McFarlane moved, D. Fuller seconded, the Board hereby approves the Board Meeting Minutes of November 21, 2017 as presented. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

RC17-418 McFarlane moved, D. Fuller seconded, the Board hereby approves the Working Session Minutes of November 21, 2017 as presented. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.
WRITTEN COMMUNICATIONS

ISSUED: 11/29/17
WHEN: Wednesday, November 29, 2017
WHERE: Dixboro Road between 8 Mile Road and 7 Mile Road in Salem Township
WHY: Road Closure - Culvert Improvement
CONTACT: Kenneth Harris, Assistant Superintendent of Maintenance

ISSUED: 11/20/17
WHEN: Tuesday, November 21, 2017
WHERE: Warren Road between Vorhies Road and Walden Drive in Superior Township
WHY: Road Closure - Culvert Improvement
CONTACT: Kenneth Harris, Assistant Superintendent of Maintenance

ISSUED: 11/20/17
WHEN: Wednesday, November 22, 2017
WHERE: Five Mile Road between Nollar Road and North Territorial Road in Northfield Township
WHY: Road Closure – Culvert Replacement
CONTACT: Adam Lape, Assistant Superintendent of Maintenance

CONSENT AGENDA

The items approved on the Consent Agenda are as follows:

RC17-419 McFarlane moved, D. Fuller seconded the approval of the Consent Agenda for December 5, 2017 as presented. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

Border-to-Border Trail Agreement

RC17-420 McFarlane moved, D. Fuller seconded that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby approves the Border-to-Border Trail Huron River Drive West of Zeeb Road Agreement with the Washtenaw County Parks and Recreation Commission and authorizes the Chair and Managing Director to sign said Agreement for the project located in Scio Township. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.
Oxcart Service Agreement

RC17-421 McFarlane moved, D. Fuller seconded that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby approves the Oxcart Permits Services Agreement and authorizes the Managing Director to sign said Agreement. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

Hazard Communication Program

RC17-422 McFarlane moved, D. Fuller seconded that upon the recommendation of the Human Resources Manager, and with the concurrence of the Managing Director, the Board hereby approves the attached Hazard Communication Program. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

Road Commission – 2017 Final Budget Amendments

RC17-423 McFarlane moved, D. Fuller seconded that upon the recommendation of the Director of Finance and the concurrence of the Managing Director, the Board hereby approves the 2017 year-end budget as presented. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

Payroll & Bills for November 29, 2017

RC17-424 McFarlane moved, D. Fuller seconded that the Board hereby approves Voucher 10274 totaling $279,422.39 for payroll of November 29, 2017, and Voucher 10275 totaling $700,604.99 in payment of bills for November 29, 2017. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

ACTION ITEMS

Road Commission 2018 Annual Budget

RC17-425 D. Fuller moved, McFarlane seconded that upon the recommendation of the Director of Finance and the concurrence of the Managing Director, the Board hereby approves the Road Commission 2018 Annual Budget as presented. It is understood that the proposed 2018 budget supports 134 full-time equivalent positions.

Roll Call Vote:
YEAS: William McFarlane, Douglas Fuller
NAYS: 0
ABSENT: 1
ABSTAIN: 0
Motion Carried.
Worker’s Compensation Policy – Non Union

RC17-426 D. Fuller moved, McFarlane seconded that upon the recommendation of the Human Resources Manager, and with the concurrence of the Managing Director, the Board hereby approves the attached Worker’s Compensation Policy for Non Union Employees. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

Short Term Disability Policy – Non Union

RC17-427 D. Fuller moved, McFarlane seconded that upon the recommendation of the Human Resources Manager, and with the concurrence of the Managing Director, the Board hereby approves the attached Short-Term Disability Policy for Non Union Employees. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

Family Medical Leave Policy – Non Union

RC17-428 McFarlane moved, D. Fuller seconded that upon the recommendation of the Human Resources Manager, and with the concurrence of the Managing Director, the Board hereby approves the attached Family Medical Leave Policy for Non Union employees. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

REPORTS

County Commissioner’s Report

No Report.

ROAD COMMISSIONER REPORTS

Commissioner Bill McFarlane

Commissioner McFarlane drove the new U.S. 23 Flex Route and stated MDOT did a nice job and traffic seems to be flowing smoothly.

Commissioner McFarlane stated that regarding the Lyndon Township Supervisor stating they do not have the funds to participate in the matching fund program, Commissioner McFarlane did not feel it would be equitable to provide benefits to one township if not provided to all townships regarding matching funds. Commissioner Doug Fuller concurred with Commissioner McFarlane’s comments regarding this.

Commissioner Doug Fuller

Commissioner Doug Fuller will attend the MCRCSIP Board Meeting in Mt. Pleasant on Tuesday & Wednesday, December 6 and 7.
MANAGING DIRECTOR’S REPORT

STAFF REPORT – 11-13 to 11-26-17

Jim Harmon, Director of Operations

- Jim Harmon provided a review of the remaining projects to be completed for the 2017 season.

Northeast Service Center Update

Jim Harmon provided some photos of progress on the Northeast Service Center which is nearing completion.

Sheryl Siddall, Director of Engineering

- January letting – The Textile Road Project and the Mast Road and N. Territorial Roadside Safety Project will be in the January letting.
- The Harris Road projects will be in the February lettings.
- The Sharon Valley Bridge project will be in the February or March letting.
- Engineering is continuing to work on the Baker Road Roundabout projects. The plans are near completion.
- Staff is continuing the final push of permit work for 2017.

Michigan Transportation Fund Receipts (MTF)

Roy Townsend, Managing Director, reported that the October MTF was up nearly 56%. The new gas tax and increase in registration fees has contributed to the increased MTF funds.

ADJOURNMENT

RC17-429 McFarlane moved, D. Fuller seconded to adjourn the December 5, 2017 meeting at 1:38 p.m. Voice Vote: YEAS: 2 NAYS: 0 ABSENT: 1 ABSTAIN: 0 Motion Carried.

________________________________________
Douglas E. Fuller, Chair

________________________________________
Roy D. Townsend, Deputy Clerk

Minutes Approved: __________________________
TO: Washtenaw County Board of Road Commissioners
FROM: Roy D. Townsend, Managing Director
DATE: December 19, 2017
SUBJECT: Written Communications for December 19, 2017 Board Meeting

WRITTEN COMMUNICATIONS

RECEIVED: 12/14/17
FROM: Lisa Moutinho
WHY: Thank you for road crews plowing roads during snow storm event on Wednesday, December 13th.

ISSUED: 12/11/17
WHEN: Tuesday, December 12
WHERE: Bemis Road between Fosdick Road and Warner Road
WHY: Road Closure - Culvert Replacement
CONTACT: Kenneth Harris, Assistant Superintendent of Maintenance

RECEIVED: 12/4/17
FROM: John Kingsley, Webster Township Supervisor
WHERE: Mast Road/Joy Road/Huron River Drive Intersection
WHY: Resolution from Webster Township to improve traffic flow

RECEIVED: 12/7/17
FROM: Dr. James M. Smith, President
WHY: Invitation to Commissioners from Eastern Michigan University to attend the 2018 President’s Luncheon celebrating the life of Dr. Martin Luther King, Jr.
WHEN: Monday, January 15 at 11:00 a.m.
WHERE: Student Center Ballroom on Eastern Michigan University’s campus 900 Oakwood Street, Ypsilanti

RECEIVED: 12/1/17
FROM: Pam Smith, President/CEO United Way of Washtenaw County
WHY: Thank you from Pam Smith, President/CEO of United Way of Washtenaw County for the WCRC supporting the United Way of Washtenaw County.
ISSUED: 11/30/17
WHEN: Wednesday, December 6, 2017
WHERE: Airport Drive between Wiard Road and Kirk Profit Drive
TOWNSHIP: Ypsilanti Township
WHY: Road Closure – Installation of sanitary sewer crossing
CONTACT: Matt MacDonell, Assistant Director of Engineering
From: Lisa Moutinho [mailto:moutinhl@washtenaw.org]
Sent: Thursday, December 14, 2017 10:07 AM
To: Fuller, Douglas; Fuller, Barbara; McFarlane, William
Cc: Townsend, Roy
Subject: Thank you!

Good morning everyone,

Just want to drop you a note and let you know my drive to work this morning was uneventful and much better than I’d anticipated. Even my little road had been plowed by the time I left (8:30). Then, I lost count of how many plows I saw over the course of my commute!

Please extend my sincere thanks and gratitude to your staff for their incredible commitment to the safety of our driving public, they do a great job and it is appreciated.

Keep up the good work, and happy holidays!

Lisa

Lisa Moutinho
Assistant to the County Administrator
Washtenaw County Administration
220 N. Main Street
Ann Arbor, MI 48104
734-222-6731 – Office
734-646-2035 – Cell
MEDIA ADVISORY – ROAD CLOSURE

WHEN: Starting Tuesday, December 12, 2017

WHERE: Bemis Road between Fosdick Road and Warner Road on the border of York and Pittsfield Townships.

WHY: Culvert Replacement

BACKGROUND: On Tuesday, December 12, 2017 at approximately 8 a.m., the Washtenaw County Road Commission (WCRC) will CLOSE Bemis Road on the border of York and Pittsfield Township between Fosdick Road and Warner Road until further notice due to a failed culvert.

Temporary repairs will be completed this year, weather pending. WCRC will return in 2018 to replace the bridge.

Detour will be Bemis Road to Moon Road to US 12 to Platt Road.

CONTACTS: If you have any questions concerning this road closure, please contact Kenneth Harris, Assistant Superintendent of Maintenance, at (734) 327-6696, or via email at harrisk@wcroads.org.

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

ISSUE DATE: 12/11/2017
**Ryan, Carrie**

<table>
<thead>
<tr>
<th>From:</th>
<th>Townsend, Roy</th>
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<tbody>
<tr>
<td>Sent:</td>
<td>Monday, December 4, 2017 3:15 PM</td>
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<tr>
<td>To:</td>
<td>Ryan, Carrie</td>
</tr>
<tr>
<td>Subject:</td>
<td>FW: Mast Rd. Intersection</td>
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<tr>
<td>Attachments:</td>
<td>Resolution # 18-17 Mast Rd..docx</td>
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For the next Board Meeting Communication.

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**From:** John Kingsley [mailto:jkingsley@twp.webster.mi.us]

**Sent:** Monday, December 4, 2017 12:46 PM

**To:** Townsend, Roy

**Subject:** Mast Rd. Intersection

Roy,

Attached you will find a resolution passed November 21st by the Webster Township Board requesting that the WCRC look at the Mast/Joy/Huron River Dr. intersection.

Regards.

John
RESOLUTION #18-17

RESOLUTION TO IMPROVE THE MAST/HURON RIVER/JOY ROAD INTERSECTION

At a Regular Meeting of the Webster Township Board of Trustees, Washtenaw County Michigan, held at the Webster Township Hall, 5665 Webster Church Road, Dexter, MI 48130, on the 21st of November, 2017, at 7:00 p.m.

PRESENT: Westman, Whitney, Kingsley, Calleja, Scharf, Kleinschmidt, Koch

ABSENT: None

The following preamble and resolution were offered by member Kingsley and seconded by member Koch.

WHEREAS, the intersection of Mast Road, Huron River Drive and Joy Road is located solely in Webster Township; and

WHEREAS, all three roads approaching this intersection are public roads; and

WHEREAS, all public roads in Webster Township are owned by Washtenaw County and maintained by the Washtenaw County Road Commission; and

WHEREAS, said intersection is the most confusing intersection in Washtenaw County; and

WHEREAS, there are many near collisions each day; and

WHEREAS, there are traffic backups at this intersection every rush hour;

THEREFORE, BE IT RESOLVED, that Webster Township Board of Trustees ask the Washtenaw County Road Commission to investigate improving traffic flow and funding for the Mast Road, Huron River Drive and Joy Road intersection

A vote on the above Resolution was taken and was as follows:

ADOPTED: November 21, 2017

YEAS: Koch, Kleinschmidt, Scharf, Calleja, Kingsley, Whitney, Westman

NAYS: None
STATE OF MICHIGAN

COUNTY OF [County Name]

I, the undersigned, the duly qualified Township Clerk of the Township of Webster, Washtenaw County, Michigan, CERTIFY that the foregoing is a true and complete copy of certain proceedings taken by the Township Board of said Township at a Regular Meeting held on the 21st day of November, 2017.

Barbara Calleja, Township Clerk
December 4, 2017

Ms. Barbara Fuller
555 N. Zeeb Road
Ann Arbor, MI 48103

Dear Ms. Fuller,

On behalf of Eastern Michigan University President, Dr. James M. Smith, you are cordially invited to be our guest at the 2018 President’s Luncheon celebrating the life of Dr. Martin Luther King, Jr., on Monday, January 15, 2018. The luncheon will be held in the Student Center Ballroom on Eastern Michigan University’s campus (900 Oakwood Street, Ypsilanti). Doors open at 11:00 a.m. with the luncheon beginning promptly at 11:30 a.m. The program is expected to conclude at 1:00 p.m. Event parking for luncheon guests will be available in the Student Center parking lot.

Following the luncheon each year is a keynote address that takes place at 1:30 p.m. in the Student Center Auditorium. This year’s keynote speaker is Joy-Ann Reid, who will also be making brief comments during the luncheon. Joy-Ann Reid is a national correspondent for MSNBC, host of “AM Joy” and “The Reid Report,” and the author of the book, “Fracture: Barack Obama, the Clintons and the Racial Divide.”

We hope you can join us on January 15th for the President’s Luncheon. Seating at the luncheon is limited. Your response is therefore needed by Tuesday, December 19. You can RSVP via e-mail at government.community@emich.edu. If you have any questions about the event please call the Government and Community Relations office at 734.487.7048.

There are also several other MLK events happening this year that the community is welcomed and encouraged to attend. Included in this letter is a flyer that has the full list of activities starting Thursday, January 11th through Tuesday, January 16th.

We hope that you will be able to join us in honoring Dr. Martin Luther King, Jr. at this year’s President’s Luncheon.

Sincerely,

Vicki Reaume

Vicki Reaume
Eastern Michigan University
Vice President and Secretary to the Board of Regents
Interim Vice President of Government Relations
From: Pam Smith [mailto:psmith@uwwashtenaw.org]
Sent: Friday, December 1, 2017 3:48 PM
To: Townsend, Roy
Cc: Pedersen, Sheila
Subject: Thank you!

Hello Roy,

I am writing to say thank you for more than 30 years of supporting the United Way of Washtenaw County! Sheila shared with me that the Road Commission, under your leadership, has put forth a really great effort this year and I wanted you to know how much I appreciate it!

With your support United Way program grants have helped:

- More than 800 low-income children 5 years of age and younger attend quality childcare and early education programs – paving the way for them to be successful in school.
- More than 1,600 low income youth participated in programs that helped them stay in school and improve academically – paving the way for them to prepare for successful careers.
- More than 4,700 seniors received legal, food assistance or health services – allowing them to maintain their physical and financial independence.
- More than $1.8M was returned to low-income residents who had their taxes prepared by our VITA tax clinic – providing them with money to cover their basic needs.
- More than 11,000 low-income and underinsured individuals accessed medical and dental clinics or received health insurance enrollment assistance - giving them better health and peace of mind.

Happiest of holidays and thank you for your support!

Pam Smith
President/CEO
United Way of Washtenaw County
734-677-7204

United Way of Washtenaw County
GIVE. ADVOCATE. VOLUNTEER. LIVE UNITED.
MEDIA ADVISORY
ROAD CLOSURE – AIRPORT DRIVE

WHEN: Wednesday, December 6, 2017 until further notice

WHERE: Airport Drive between Wiard Road and Kirk Profit Drive in Ypsilanti Township

WHY: Installation of a sanitary sewer

BACKGROUND: On Wednesday, December 6, 2017, a contractor for the American Center for Mobility (ACM) is scheduled to CLOSE Airport Drive between Wiard Road and Kirk Profit Drive in Ypsilanti Township for the installation of sanitary sewer crossing the roadway.

The road will be closed to all traffic during construction. The WCRC expects the work to be completed in approximately 1 week. However, please be advised that due to weather conditions, all dates are tentative and subject to change.

The posted DETOUR for this closure will utilize Wiard Road and Tyler Road. WCRC thanks you in advance for your patience during this project.

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: 11/30/17
MEMO TO: Washtenaw County Board of Road Commissioners

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

DATE: December 19, 2017

SUBJECT: NEW BUSINESS ITEMS FOR DECEMBER 19, 2017 BOARD MEETING

A. CONSENT ITEMS

1. Textile Road – Amendments to Preliminary Engineering Services

Textile Road between Platt Road and Hines Drive/Interfirst Drive is a primary gravel road located in Pittsfield Township. Both the Road Commission and Pittsfield Township desire to pave this gravel road to an all-season, hard surfaced roadway in 2018. With support from Pittsfield Township, the Road Commission secured an MDOT Category ‘A’ Economic Development grant due to the additional jobs Thomson-Reuters has created at their State Road/Textile Road location. The grant amount is approximately $1.9 million. In April of 2017, MDOT added an additional $900,000 to extend the paving project east to Michigan Avenue (US-12) which also includes improvements at the intersection of Textile Road/Platt Road. As part of this project, Pittsfield Township desires that a non-motorized pathway be included as part of the bid package. Pittsfield Township shall pay for all costs associated with the non-motorized pathway.

On October 4, 2016 and May 2, 2017, the Board approved agreements between Fishbeck, Thompson, Carr & Huber (FTC&H) for payment not to exceed $465,148.00 to design Textile Road and the pathway from Hines Drive / Interfirst Drive to Platt Road. Pittsfield Township has paid for charges associated with the pathway. Due to the scope of work changes created by MDOT for the traffic signal at Michigan Avenue, MDEQ wetland mitigation requirements, and Pittsfield Township’s desire to provide a crosswalk at Campbell Road, staff is recommending additional payment of $28,183 to FTC&H.

PROPOSED MOTION: that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby authorizes the Managing Director to amend the existing contract to pay Fishbeck, Thompson, Carr & Huber (FTC&H) an additional $28,183 for preliminary engineering services to build a paved non-motorized pathway along Textile Road between Hines Drive/Interfirst Drive and Michigan Avenue (U.S. 12) in Sections 21, 22, 23, 26, 27 & 28 of Pittsfield Township. The new not to exceed amount will be $493,286.
2. **Platt-Textile Greenway – Pittsfield Township Agreement**

Textile Road between Platt Road and Hines Drive/Interfirst Drive is a primary gravel road located in Pittsfield Township. Both the Road Commission and Pittsfield Township desire to pave this gravel road to an all-season, hard surfaced roadway in 2018. With support from Pittsfield Township, the Road Commission secured an MDOT Category ‘A’ Economic Development grant due to the additional jobs Thomson-Reuters has created at their State Road/Textile Road location. As part of this project, Pittsfield Township desired that a non-motorized pathway (called Platt – Textile Greenway) be included as part of the bid package. In addition to paying 100% of the cost for the greenway, Pittsfield Township also agreed to contribute $150,000 toward the design and construction of the roadway. This was approved via Resolution RC16-368. The estimate to build the roadway and greenway (called Platt – Textile Greenway) is $4.6 million. The greenway by itself is estimated to cost $1.2 million. The project is in the January MDOT bid opening. Tree removal is scheduled to begin in February 2018 with construction to begin June 18, 2018.

**PROPOSED MOTION:** that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board approves an agreement with Pittsfield Township to cover all costs associated with building the Platt-Textile Greenway as part of the construction of Textile Road between Hines Drive/Interfirst Drive and Michigan Road.

3. **Textile Road Traffic Control Device Agreement**

Pittsfield Township has agreed to fund the construction of the Platt-Textile Greenway as part of the Textile Road paving project between Hines Drive/Interfirst Drive and Michigan Avenue. The Township desires to have a pedestrian crossing with rapid rectangular flashing beacons (RRFB) at the intersection of Campbell Road so greenway users can gain access to Township owned land located on the north side of Textile Road. This agreement requires Pittsfield Township to pay for all maintenance costs associated with the RRFB at the Campbell Road intersection once the project is completed.

**PROPOSED MOTION:** that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board approves a maintenance agreement with Pittsfield Township to cover all costs associated with maintaining traffic control devices at the Campbell Road intersection servicing the future Platt-Textile Greenway.
4. **Washtenaw Community College Pathway Agreement**

Staff is requesting the Board to enter into an Agreement with the Washtenaw Community College (WCC) for a pathway project establishing the roles and funding allocations of all parties. The project is a non-motorized shared use pathway approximately 0.6 mile in length beginning at the Clark Road intersection running adjacent to Huron River Drive on the WCC campus up to the WCC signalized driveway across from the Health and Fitness Center. Only a small portion of the project will be located within the Huron River Drive at the Clark Road intersection. An easement on the WCC campus is required for the construction and use of the project. WCRC in cooperation with WCC was awarded a MDOT Transportation Alternative Program (“TAP”) grant in the amount of $291,896 for the project. WCC shall be responsible for all the remaining project costs. WCC shall also be responsible for operating, maintaining, and future repairs for the pathway in accordance with grant requirements. WCRC staff will provide general administration of the project through MDOT’s Local Agency Program in accordance with the TAP grant requirements and oversee the design and construction of the project in cooperation with WCC.

**PROPOSED MOTION:** that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby approves the Pathway Agreement with the Washtenaw Community College and authorizes the Chair and Managing Director to sign said Agreement for the project located in Ann Arbor and Superior Townships.

5. **Dexter Townhall Road – Road Closure**

Staff is requesting the Board to approve the road closure of Dexter Townhall Road south of the county line in Dexter Township for the installation of a 42" natural gas pipeline owned by Rover Pipeline, LLC. Area residents and motorists will be temporarily impacted during the installation of the pipeline and a detour route will be posted. No through traffic will be allowed, however access for residents within the closure will be maintained. The duration of the road closure is scheduled to be approximately 10 days. However, please be advised that due to weather conditions, the duration is tentative and subject to change. A Media Advisory will be issued prior to the road closure. Pursuant to the adopted “Procedures & Regulations for Permit Activities” the Board of County Road Commissioners must authorize the closure of roads under its jurisdiction.

**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 Dexter Townhall Road south of the county line in Dexter Township in conjunction with the permitted installation of a 42" natural gas pipeline.
6. **2018 Capital Equipment Purchase Authorization – Four Western Star 4700SB Truck Chassis**

Staff is requesting the Board authorize the purchase of four (4) new 2019 model year Western Star 4700SB truck chassis from D & K Truck Company of Lansing, Michigan using the State of Michigan MIDEAL purchasing program (MIDEAL Contract #071B6600119). In accordance with the attached quotation from D & K Truck dated December 5, 2017, the cost per unit is $116,794.00 for a total cost of $467,236.00 for all four units. Component upfitting will be presented for Board approval separately also using the State of Michigan MIDEAL Purchasing Program. This purchase authorization is included in the FY2018 budget for road equipment capital outlay. Installment financing is intended, consistent with the method used for FY17 for heavy truck purchasing, and would be processed in February 2018.

**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, 3020 Snow Road, Lansing, Michigan, 48917 through the State of Michigan MIDEAL purchasing program of four (4) new model year 2019 Western Star 4700SB truck chassis for the total cost of $467,236.00.

7. **2018 Capital Equipment Purchase Authorization – Four Western Star 4700SB Truck Upfitting**

Staff is requesting the Board authorize the purchase of component upfitting for four (4) new 2019 model year Western Star 4700SB truck chassis from Truck & Trailer Specialties, Inc. of 1200 Victory Drive, Howell, Michigan, 48843 using the State of Michigan MIDEAL purchasing program (MIDEAL Contract #071B5500010). In accordance with the attached quotation from Truck & Trailer Specialties dated December 8, 2017, the cost per unit is $155,209.00 after applying the early payment discount for a total cost of $620,836.00 for all four units. This purchase authorization is included in the FY2018 budget for road equipment capital outlay. Installment financing is intended, consistent with the method used for FY17 for heavy truck component upfitting purchasing, and would be processed in February 2018.

**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 Truck & Trailer Specialties, Inc., 1200 Victory Drive, Howell, Michigan, 48843 through the State of Michigan MIDEAL purchasing program of component upfitting for four (4) new model year 2019 Western Star 4700SB truck chassis for the total cost of $620,836.00.
8. **2018 Capital Equipment Purchase Authorization – Motor Grader**

Staff is requesting the Board authorize the purchase of one new 2018 Caterpillar 12M3 AWD motor grader from Michigan CAT using the State of Michigan MiDeal Purchasing Program (MiDeal Contract #071B77000084). This purchase will replace an aged motor grader, #433, 2004 Caterpillar 140H, 12,824 hours, S/N APM01821. Please reference attached quotation from Michigan CAT dated December 11, 2017 for the new motor grader with Henke front plow and accessories of 280,459.00, less trade-in value in the amount of $70,000. The final out-of-pocket purchase equals $210,459. Purchase includes Caterpillar standard and extended warranties and guaranteed buybacks of 5 years/maximum 5,000 hours at $150,000 each or 10 years/maximum 10,000 hours at $100,000. The proposed equipment purchase is funded in the 2018 Capital Equipment budget.

**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 Michigan Caterpillar of one new 2018 Caterpillar 12M3 AWD motor grader for the net cost after trade-in of $210,459.00 through the State of Michigan MiDeal purchasing program.


Staff is requesting the Board authorize the purchase of one (1) new 2018 GMC Sierra 2500HD 4WD Double Cab pickup truck from Todd Wenzel Buick GMC of Westland using the State of Michigan MiDeal purchasing program (MiDeal Contract #071B1300007). Please reference attached quotation from Todd Wenzel Buick GMC dated December 12, 2017 for a total cost of $31,206.00. This truck will be assigned to the District #5 Foreman, displacing Truck #125 for reassignment, ultimately displacing one aged pickup for auction next year. Delivery of the new pickup truck is estimated to take 8 to 12 weeks. This purchase authorization is included in the FY2018 budget for road equipment capital outlay.

**PROPOSED MOTION:** 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 Buick GMC of Westland of one (1) new 2018 GMC Sierra 2500HD 4WD Double Cab pickup truck for the total cost of $31,206.00 through the State of Michigan MiDeal purchasing program.
10. **2018 Capital Equipment Purchase Authorization – 1-Ton Truck Chassis**

Staff is requesting the Board authorize the purchase of one (1) new 2018 model year GMC Sierra 3500HD 4WD Regular Cab 162” WB truck from Todd Wenzel Buick GMC of 35100 Ford Road, Westland, Michigan, 48185 using the State of Michigan MIDEAL purchasing program (MIDEAL Contract # 071B1300074). Please reference attached quotation from Todd Wenzel Buick GMC dated December 12, 2017 for a total cost of $30,189.00. Component upfitting will be presented for Board approval separately also using the State of Michigan MIDEAL Purchasing Program. This truck will replace an aged truck presently assigned to District #5, #215, 2011 GMC 3500, 95,982 miles. Truck #215 will be disposed at auction next year. This purchase authorization is included in the FY2018 budget for road equipment capital outlay.

**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 Todd Wenzel Buick GMC, 35100 Ford Road, Westland, Michigan, 48185 through the State of Michigan MIDEAL purchasing program of one (1) new 2018 GMC Sierra 3500HD 4WD regular cab 162” WB truck chassis for the total cost of $30,189.00.

11. **2018 Capital Equipment Purchase Authorization – 1-Ton Truck Upfitting**

Staff is requesting the Board authorize the purchase of component upfitting for one (1) new 2018 model year GMC Sierra 3500HD 4WD Regular Cab 162” WB truck from Truck & Trailer Specialties, Inc., 1200 Victory Drive, Howell, Michigan, 48843 using the State of Michigan MiDeal purchasing program (MiDeal Contract #071B7700086). Please reference attached quotation from Truck & Trailer Specialties dated December 11, 2017 for a total cost of $40,771.00. This purchase authorization is included in the FY2018 budget for road equipment capital outlay.

**PROPOSED MOTION:** that upon the recommendation of the Director of Operations and the concurrence of the Managing Director, the Board hereby approves the component upfitting purchase from Truck & Trailer Specialties, Inc., 1200 Victory Drive, Howell, Michigan, 48843 through the State of Michigan MIDEAL purchasing program for one (1) new 2018 GMC Sierra 3500HD 4WD regular cab 162” WB truck chassis for the total cost of $40,771.00.
12. **2018 Capital Equipment Purchase Authorization – GMC 1500 Crew Cab Pickup Trucks**

Staff is requesting the Board authorize the purchase of two (2) new 2018 GMC Sierra 1500 4WD Crew Cab pickup trucks from Todd Wenzel Buick GMC of Westland using the State of Michigan MiDeal purchasing program (MiDeal Contract # 071B1300007). Please reference attached quotation from Todd Wenzel Buick GMC dated December 12, 2017 for a total cost of $32,517.00 for each unit, or a total cost for both trucks of $65,034.00. These trucks will be assigned to the Superintendents of Maintenance, displacing Trucks #120 and #130 for reassignment, ultimately displacing two aged pickups for auction next year. Delivery of the new pickup trucks is estimated to take 8 to 12 weeks. This purchase authorization is included in the FY2018 budget for road equipment capital outlay.

**PROPOSED MOTION:** 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 Buick GMC of Westland of two (2) new 2018 GMC Sierra 1500 4WD Crew Cab pickup trucks for the total cost of $65,034.00 through the State of Michigan MiDeal purchasing program.


Staff is requesting the Board authorize the purchase of a new 2018 Caterpillar 950M HL Wheel Loader from Michigan CAT using the State of Michigan MiDeal purchasing program (MiDeal Contract #071B7700084). This purchase will be assigned to the Heavy Equipment crew at the Main Yard. Purchase of the new loader includes the trade-in of an aged wheel loader, #862, 1999 Caterpillar 950G, 9,507 hours, S/N 3JW00934, presently assigned to District 5. The Heavy Equipment crew current loader, #877, will be reassigned to District #6. The District 6 current loader, #876, will be reassigned to District #5. Please reference attached quotation from Michigan CAT dated December 11, 2017 for the new wheel loader with accessories of $284,930.00, less trade-in value in the amount of $42,500. The final out-of-pocket purchase equals $242,430.00. Purchase includes Caterpillar standard and extended warranties and guaranteed buybacks of 5 years/maximum 4,000 hours at $170,000 or 10 years/maximum 6,000 hours at $125,000. The proposed equipment purchase is funded in the 2018 Capital Equipment budget.

**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 Michigan CAT of a new 2018 Caterpillar 950M HL Wheel Loader for the net cost after trade-in of $242,430.00 through the State of Michigan MiDeal purchasing program.
14. **Capital Improvement Plan**

Staff is requesting that the Board approve the 2018-2022 Capital Improvement Plan (CIP) as presented.

The CIP serves as an assessment of future major capital expenditures for the Road Commission; this plan coordinates planning, financial capacity and physical development. The CIP is a five-year plan that shows where the WCRC is planning road, bridge and facilities improvements, as well as anticipated major equipment purchases. Current funding estimates have limited the number of projects included in the proposed plan. The CIP as presented is a culmination of stakeholder input, integration of the WCRC budget, availability of funding and determination of needs.

**PROPOSED MOTION:** that upon the recommendation of the County Highway Engineer and the concurrence of the Managing Director, the Board hereby adopts the 2018-2022 Capital Improvement Plan to serve as a guide and vision for future planning of the Washtenaw County Road Commission and the maintenance of, and improvements to, Washtenaw County facilities and road system.

15. **Payroll & Bills for December 13, 2017**

Staff is requesting the Board to approve the payment of payroll and bills for December 13, 2017.

**PROPOSED MOTION:** the Board hereby approves Voucher 10276 totaling $275,574.00 for payroll of December 13, 2017, and Voucher 10277 totaling $2,361,568.09 in payment of bills for December 13, 2017.
WASHTENAW COUNTY (4)

Mi-DEAL Contract# 071B6600119

<table>
<thead>
<tr>
<th>2019 4700 SET-BACK FRONT AXLE-CHASSIS</th>
<th>20,000# FLAT LEAF FRONT SUSPENSION</th>
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<tr>
<td>DETROIT DD13 12.8L 435 HP @ 1625 RPM, 1900 GOV RPM</td>
<td>110 INCH BBC STEEL CONVENTIONAL CAB</td>
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<tr>
<td>ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION</td>
<td>5175MM (204 INCH) WHEELBASE</td>
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<tr>
<td>RT-46-164 46,000# R-SERIES TANDEM REAR AXLE</td>
<td>1/2X3.64X11-7/8 INCH STEEL FRAME</td>
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<tr>
<td>HENDRICKSON HAULMAXX @46,000# REAR SUSPENSION</td>
<td>(12.7MMX301.6MM/0.8X11.88 INCH) 120KSI</td>
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<td>DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE</td>
<td>1850MM (73 INCH) REAR FRAME OVERHANG</td>
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<td>BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW</td>
<td>PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION</td>
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<td>5 YEAR ALLISON COVERAGE</td>
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<td>5 YEAR MAJOR DD13 ENGINE BASE</td>
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<td>CUSTOMER PRICE BEFORE TAX</td>
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<th>TAXES AND FEES</th>
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<td>TITLE FEE</td>
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| BALANCE DUE (LOCAL CURRENCY) | $116,809 | $467,236 |

NOTES/REMARKS:

- ABOVE INCLUDES THE MI-DEAL SERVICE CHARGE.
- ABOVE PRICE INCLUDES PAYMENT NET 30 FROM DELIVERY TO UPFITTER.
- 2019 MODEL YEAR UNITS CURRENT BUILDS FEB/MARCH FOR NEW ORDERS!

APPROVAL:

Please indicate your acceptance of this quotation by signing below:
Customer: ___________________________ Date: ___ / __ / ___
December 8, 2017

Washtenaw County Road Commission  
Attn: Mike Livsey  
555 North Zeeb Road  
Ann Arbor, MI 48103

TRUCK & TRAILER Specialties, Inc.  
1200 Victory Drive | Howell, MI 48843 | www.ttspec.com | Ph: (517) 552-3855 | Fx: (517) 552-3666

MiDEAL

State Contract Hyperlink No: 07185500010

Equipment Quotation utilizing the state contract awarded to Truck & Trailer Specialties, Inc.

Four (4) 66,000 lb. GVW Tandem Axle trucks with Dump Body and Equipment

Install 14 ft. Monroe Radius Dump Spreader RDS Body including the following:
Body is shell is constructed of 3/16" 201 stainless steel  
96" wide and 56" height  
Body longitudinals are 3/8" 201 stainless steel  
Air-operated tailgate  
Conveyor trough is 34" wide  
Conveyor chain is 66XH type with 28,000 lbs rating  
Conveyor has 3/8" x 1-1/2" cross bars on 4.50" centers  
Rear tailgate includes a removable rear metering gate and a blank insert  
Tandem fender kit installed integrally to the body constructed of 7 ga 201 stainless steel  
Top-half of fold-down ladder constructed of type 304 stainless steel mounted at rear driver-side  
Mailhot-type double acting lift cylinder with trunnion mounts on body  
Twin Rawson-type 6:1 gear boxes  
Drive motors are each 17.9 C/D
One drive motor will include a built-in application-rate sensor  
8 tooth hardened sprockets with 2" drive and idler shafts for the conveyor  
Grease extension kit for rear bearings, tailgate pivot arms, front bearings and hoist trunnions

Install Front cross conveyor with two-ply high-temp belt. Drive motor can operate in both directions. Left-side and right-side shall have a stainless steel scraper compatible spinner assembly with poly disc. Stainless steel berm chute on right side.
Install Rear receiver tube spinner assembly, 24" polyurethane disc, seal saver motor & grease zerk  
Install ¾ casshield constructed of 3/16" 201 stainless steel  
Mudflaps installed in front of and behind drive tires  
Backup alarm included  
12" hardwood sideboards unpainted  
Remote conveyor switches on both sides at rear to activate/de-activate conveyor
Install Floor cover kit for RDS, ¾" 201 stainless steel removable with stainless steel bolts  
Install 10 ga. spill pans over top of frame constructed of type 201 stainless steel with handles and retention pins

Install Monroe model 4512 Underbody Scraper including the following:
Two 4" power-reverse cylinder with 2" Socatri rods  
Two 3.5" actuating cylinders with 2" Socatri rods  
All cylinders have poly-pack seals  
1" circle with 5" greasable center bolt, piloted  
Circle includes a welded in hardened bushing

(25)
1” x 20” x 12’ moldboard 6” cutting edges
2” clevis bosses on power-reverse cylinders
Contoured circle clamps with poly-type wear pads
Three reinforced moldboard hinges with gussets
3/8” pipe and hoses for faster scraper actuation
Hinge shaft is 2.5” cold-rolled round stock
Moldboard hinges are constructed of 3/8” wall DOM tubing
Adjustable j-50 relief valve is included
Remote grease manifolds both sides
Bolt-on trunnion pins for canister removal
Cushion valve for power-reverse circuit is included
Serrated grating 12” x 12” on driver’s side moldboard end

Install Monroe hydraulic-driven Pre-wet system including the following:
Gear-type 7 gpm liquid pump with bronze gear
Flow meter included
Two 100 gal. rotationally molded poly liquid tanks
Type 201 stainless steel mounting brackets for the tanks
Spray nozzles at spinner disk
Fiberglass enclosure to house the pump and flow meter
Bulk fill kit 2-1/2” and flusher kit
Crossover hose kit
Remote vent kit
Pre-wet automatically switches to front or rear spinner

Install Two (2) Monroe 9 ft. mid-mounted, right- & left-hand Paraglide Patrol Wing plows including the following:
Parallelogram wing post
Install custom rear arm mount to fit behind drives
Twin rear mounted, cushioned push arms with rear lift cylinder to operate the heel
Moldboard is break formed 3/16 steel with ¾” x 4” x 4” bottom angle
Moldboard is powder coated orange
Moldboard shoes on toe and heel
D-type rubber bumper stops
Safety chain/ pin at rear
5” x 7” rear cross tube for rear wing support
Sequencing valve with hoses and couplers
LED marker light facing forward and warning light Federal-signal 607101 facing rearward installed at the end of the wing in stainless steel light box
Foldable wing light bar & tether with three (3) County-supplied flashers, for each wing’s end
Reverse-curved steel cutting edge
Stainless steel hydraulic Gates brand couplers for rear cylinder disconnect

Install Monroe model MP48R12-ISCT-ME2 Reversible Front Plow including the following:
The moldboard height of the plow is 48”
The moldboard width of the plow is 12’
One piece A569 10 gauge steel roll formed moldboard with a tensile strength of 55,000# - 70,000#
Integral shield style moldboard
Six 1/2” x 4” one-piece solid flame cut ribs that taper to 2” at the top of the moldboard
2” x 3” x 3/8” top moldboard angle
4” x 4” x 3/4” bottom moldboard angle
3” x 3” x 1/4” non-spring horizontal angle bracing
3” x 3” x 1/2” horizontal spring support angle bracing
Dual compression trip spring assemblies
Main push tube is 4" x 4" x 3/8" A36 steel seamless wall tubing
Fabricated from A36 steel 3-1/2 x 3-1/2 1/2" semi-circle
Moldboard and frame to be 100% continuously welded
Moldboard shot-blasted and painted powder-coat Orange, with pushframe painted powder-coat Black
Two 3" x 10" power reverse cylinders with cushion valve protection
5/8" x 8" AASHTO C1080 top-punched cutting edge
29" Hustling hitch and Roller Assembly for a Hustling hitch
Dual mouse ears on the plow
Heavy-duty trip springs
Height adjustable cast shoes

Install Central Hydraulic System including the following:
Danfoss 147cc load-sensing piston pump
Front pump mounting bracket
Pump flange
12-volt low-oil shutdown block with override controls
Low-oil sender in tank
Spicer drive line
Rexroth 111/4-12 valve with the following sections:
4 way air controlled section for hoist with LS relief for down pressure
4 way air controlled section for scraper with LS relief for down pressure
4 way air controlled section for scraper swing
4 way air controlled section for front plow
4 way air controlled section for plow swing
4 way air controlled section for right wing (includes sequencing valve)
4 way air controlled section for left wing (includes sequencing valve)
4 way EPC section for main conveyor 20 GPM
4 way EPC section for cross conveyor 15 GPM
4 way EPC section for spinner(s) front and rear 8 GPM
3 way EPC section for pre-wet for front and rear 8 GPM

TTS Pneu-Logic multi-function single air joystick controller for dump, plow, scraper and wing.
Heads up display for joystick functions
Stainless steel valve enclosure
All necessary hoses and fittings will be Parker-type
Stainless steel piping will be used to extend the spreader, spinner, pre-wet and return oil circuits to the rear of the chassis

Install Monroe 7 ga. stainless steel Fuel/Hydraulic Oil combination tank behind cab including the following:
120 gal fuel capacity/30 gal oil capacity
Ball valve shut off on supply line and case drain
Ball valve shut off on fuel supply and return lines
Suction strainer in supply line
Top-mounted Zinga-type filter
Low oil sensor with indicator light in the heads up display
Hydraulic system will be full of AW32 oil

Install Dickey John Control Point granular, pre-wet controller, location TBD, training is included
Install Emergency & Work Lighting as specified including the following:
Plow lights Truck-Lite ATL halogen with aluminum mounting brackets mounted on hood.
Pair of driving lights to front hitch, model# Nilight 18w Spot Bigshop X0000QLBE5
Two (2) 4" ECCO E92007 LED Scraper work lights mounted w/ WP connectors one on each side to illuminate curbside and street side of scraper
Two (2) 4" ECCO E92007 LED Spreader work lights one mounted on each side of body w/WP connectors to illuminate spread of material at rear
Two (2) 4" ECCO E92007 LED wing work lights one mounted on each side of body w/WP connectors to illuminate wing operation
One (1) Whelen Century 12VDC mini LED light bar model MC-16 including amber dome and amber LED's mounted on cabshield with SS guard
Four-hole stainless steel rear light boxes mounted on rear corner posts of dump spreader including:
   One (1) 6" oval LED Federal-Signal 607101 amber flashing light in each top hole
   One (1) 6" oval LED Truck-Lite 60050R stop/tail/turn light mounted in each 2nd hole
   One (1) 6" oval Truck-Lite 66205C LED back-up light in 3rd hole
   One (1) 6" oval LED ECCO model# 3965AG green flasher in each bottom hole (separate switch)
Two (2) Whelen LINZ6A bubble warning light one on each side of dump body facing out with shield
Two (2) Whelen LINZ6A bubble warning lamp mounted in grille (separate switch)
Two (2) foldable wing light bars & tether for each Patrol Wing's end including the following:
   Outer lightbar to be 36" tall with two (2) green/amber split flashers
   ECCO model# ED3706AG
   Midway lightbar to be 12" tall with one (1) green/amber split flasher
   ECCO model# ED3706AG
   Betts junction box with sealed wiring mounted at back of Body driver's side

Install Utilizing a 12 switch fully CANBUS programmable switch control box to control the following:
   Side and rear amber warning lights
   Rear green warning lights
   Grille warning lights
   Rear sander lights
   Scraper lights
   Wing lights

Install InPower switches to control the following:
   Tarp Open
   Tarp Close
   Low Oil Override
   Air Puffer
   Front cross conveyor directional switch located on control console
   Air tailgate (with cover) located on control console
   Front driving lights on a chassis switch
   LED indicator lights provided by a heads-up display including: low oil, body up, low liquid and joystick functions
   All wiring to be soldered, heat shrunk, and in protective loom
   Backup up alarm
   Body up light with proximity switch activation

Install Roll-Rite Electric Tarp System including the following:
   TarpMaster motor/gear box
   Asphalt tarp cover
   Aluminum tarp and tension bows
   Aluminum wind deflector

Install 29" Hustling type front hitch with "roller kit" adaptor including the following:
   12" structural C-channel front bumper with tapered back ends
   Double-acting 3"x 10" lift cylinder on hitch
   Steel chain box location inside driver's side of bumper

Install Rear Pintle hitch assembly including the following:
   ¾" steel plate drilled for multiple hitch heights
   Heavy-duty D-rings (no hitch)
7-way round plug
Install Removable Chip Seal Hitch for seal-coat operation
Install Removable Chip Seal Extension Pan, hinged (Monroe part# 00091726-C 201)
Install Rear two (2) receiver tube Patch Pan 201 stainless steel interchangeable with receiver tube rear spinner assembly, custom-modified to raise pan 9"
Install Tarp Arm Deflector, ¼ pipe construction, mounted driver-side cabshield, painted Orange
Install Grip-strut step from driver's side fender to reservoir cradle
3 steps driver's side egress, install 3rd step to passenger side
Install Heavy-duty front and rear tow hooks mounted to frame
Install Groeneveld Automatic Lube System including the following:
Air-driven pump. Grease points for kingpins, slack adjusters, s cams, clevis pins, tie rods, drag link, wing, scraper, hoist and manifolds for front and rear suspension points. Indicator lights for system operation.
Truck equipment included in system: RDS Manifolds, underbody scraper manifolds, Wings
Install RoadWatch Temperature Sensor with all necessary wiring including a mirror mounting bracket.
Integrated with Dickey-John controller.
Install Rear Air "Puffer" system with timer for clearing snow from rear STT and Amber and Green warning lights
Install Flaming River Electrical Shutdown including the following:
3-minute timed delay switch mounted in-cab
Enclosure with LED indicator button light mounted in cab skirt
Install Rearview Camera with Wash System including the following:
Rearview camera system by M.S. Foster & Associates Inc., mounted in rear frame
NEMA enclosure and air puffer & washer fluid tubing
MSF1128-12A camera wash
VCMS155B color camera
CEC341L1 main cable for monitor
VOSH46MNT LCD monitor mount
MSF5000 Stainless steel camera box
VOM74WP 7" LCD color monitor
Install Miscellaneous items including the following:
Two (2) stainless steel shovel holder's driver's side on front body bulkhead
Spud bar holder driver's side of body
Conspicuity tape on tailgate at rear and available sides of dump
Paint All stainless material shall be non-painted and all other carbon steel materials primed and painted Black
Parts and owner's manuals, one year parts and labor warranty on all components with two years on hoist. Five years on dump body. Training on operations of all equipment.

Pricing is as follows:
Four (4) units with dual wings and reversible front plows: $157,282.00 ea. 4 units $629,128.00

Early payment discount, for payment within 10 days of delivery: Deduct $ 2,073.00 each unit

Options:
Install poly moldboard liners on Wing Plows, add: $474.00 per wing
Install poly moldboard liners on Front Plow, add: $1,193.00 (does not include the mouse ears)

Payment Terms: Net 30. Pricing effective for 90 days.
FOB: Washtenaw County Road Commission
Delivery: 360 days ARO

Thank you for the opportunity to quote.
Respectfully submitted by,
Jon Luea/Brian Bouwman
December 11, 2017

Washtenaw County Road Commission
555 N ZEEB RD
Ann Arbor, Michigan 48103

Attention: MIKE LIVSEY,

Thank you for this opportunity to quote a solution from Michigan CAT for your business needs. We are pleased to submit the following for your purchase consideration.

One (1) New 2018 CATERPILLAR Model 12M3AWD Motor Grader with the following factory and dealer options included below:

<table>
<thead>
<tr>
<th>Option Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>12M3 AWD MOTOR GRADER</td>
<td>384-9678</td>
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<tr>
<td>MOLDBOARD, 12'</td>
<td>349-3046</td>
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<td>TOW HITCH</td>
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<td>STANDARD WEATHER AWD</td>
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<td>STARTER - EXTREME DUTY</td>
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<td>LIGHTS, BRAKE AND BACK-UP</td>
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<td>CAB, PLUS (STANDARD GLASS)</td>
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<td>CAB, PLUS (INTERIOR)</td>
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<td>SEAT BELT</td>
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<td>FRONT FENDERS - AWD</td>
<td>262-0412</td>
</tr>
<tr>
<td>ENGINE COOLANT HEATER 120V</td>
<td>249-5516</td>
</tr>
<tr>
<td>MOUNTING, FRONT LIFT</td>
<td>359-3925</td>
</tr>
<tr>
<td>SPARE RIM</td>
<td>252-0112</td>
</tr>
</tbody>
</table>

1-888-MICH CAT
www.michigancat.com
Kalkaska . Brownstown Twp. Kalamazoo
HENKE LIFT GROUP – WEDGE STYLE installed
FRONT / REAR STROBES – FRONT BEACON installed

MI DEAL SELL PRICE

$269,942.00

OPTIONAL:
HENKE 11’ PLOW – Model OWFA 40-65-111S, SLT set up for HENKE LIFT GROUP – WEDGE STYLE COUPLER SYSTEM - ¾” X 8” SAE High Carbon steel Cutting edge add $10,517

TRADE IN:
CAT 140H s/n APM01821 $70,000

BUYBACK GUARANTEE:
5 YEAR / 5000 HOURS $150,000
10 YEAR / 10,000 HOURS $100,000

The county can exercise the option to have Michigan Cat / MMC buyback the machine at 5 year or 10,000 hours whichever works the best for the county. The machine will have to be in good working condition with 50% tires with no major component failures.

WARRANTY
Standard Warranty: Michigan CAT 12 Month, Unlimited Hour Standard Full Machine Warranty Service Agreement with 6 Months Mileage
Extended Warranty: 60 MO / 5000 HR PREMIER (Tier 4) WARRANTY – CAT's BEST WARRANTY

F.O.B/TERMS: NOVI YARD – MI DEAL CONTRACT # 071B7700084

22 WEEKS DELIVERY FROM ORDER

We believe the equipment as quoted will exceed your expectations. On behalf of Michigan CAT, thank you for the opportunity to supply Caterpillar machinery. This quotation is subject to machine availability and valid for 30 days, after which time we reserve the right to update the quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

[Signature]

Mark Moran
Account Representative
Mark.Moran@MICHIGANCAT.com
248-568-5808

1-888-MICH CAT
www.michigancat.com
Kalamazoo . Brownstown Twp . Kalamazoo

(32)
2018 Fleet/Non-Retail GMC Sierra 2500HD 4WD Double Cab 144.2" TK257

PRICING SUMMARY

PRICING SUMMARY - 2018 Fleet/Non-Retail TK25753 4WD Double Cab 144.2"

State of Michigan (MiDeal) / Washtenaw CRC

Price $31,206.00

Includes Delivery, Spray on Bedliner, and LED Spotlight
2018 Fleet/Non-Retail GMC Sierra 2500HD 4WD Double Cab 144.2" TK257

SELECTED MODEL & OPTIONS

SELECTED MODEL - 2018 Fleet/Non-Retail TK25753 4WD Double Cab 144.2"

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>TK25753</td>
<td>2018 GMC Sierra 2500HD 4WD Double Cab 144.2&quot;</td>
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SELECTED VEHICLE COLORS - 2018 Fleet/Non-Retail TK25753 4WD Double Cab 144.2"

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Interior: Jet Black/Dark Ash</td>
</tr>
<tr>
<td></td>
<td>Exterior 1: Quicksilver Metallic</td>
</tr>
<tr>
<td></td>
<td>Exterior 2: No color has been selected.</td>
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SELECTED OPTIONS - 2018 Fleet/Non-Retail TK25753 4WD Double Cab 144.2"

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SUSPENSION PKG</td>
<td>Z85</td>
<td>SUSPENSION PACKAGE, HANDLING/TRAILERING, HEAVY-DUTY</td>
</tr>
<tr>
<td>EMISSIONS</td>
<td>FE9</td>
<td>EMISSIONS, FEDERAL REQUIREMENTS</td>
</tr>
<tr>
<td>ENGINE</td>
<td>L96</td>
<td>ENGINE, VORTEC 6.0L VARIABLE VALVE TIMING V8 SFI, E85-COMPATIBLE, FLEXFUEL</td>
</tr>
<tr>
<td>TRANSMISSION</td>
<td>MYD</td>
<td>TRANSMISSION, 6-SPEED AUTOMATIC, HEAVY-DUTY, ELECTRONICALLY CONTROLLED</td>
</tr>
<tr>
<td>GVWR</td>
<td>GEH</td>
<td>GVWR, 9500 LBS. (4309 KG)</td>
</tr>
<tr>
<td>AXLE</td>
<td>GT5</td>
<td>REAR AXLE, 4.10 RATIO</td>
</tr>
<tr>
<td>PREferred EQUIPMENT GROUP</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

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December 12, 2017 12:28:53 PM
2018 Fleet/Non-Retail GMC Sierra 2500HD 4WD Double Cab 144.2" TK257

**SELECTED MODEL & OPTIONS**

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREFERRED EQUIPMENT GROUP</td>
<td>1SA</td>
<td>WORK TRUCK PREFERRED EQUIPMENT GROUP</td>
</tr>
<tr>
<td>WHEELS</td>
<td>PYN</td>
<td>WHEELS, 17&quot; (43.2 CM) STEEL</td>
</tr>
<tr>
<td>TIRES</td>
<td>QXT</td>
<td>TIRES, LT265/70R17E ALL-TERRAIN, BLACKWALL</td>
</tr>
<tr>
<td>PAINT SCHEME</td>
<td>ZY1</td>
<td>PAINT, SOLID</td>
</tr>
<tr>
<td>PAINT</td>
<td>GAN</td>
<td>QUICKSILVER METALLIC</td>
</tr>
<tr>
<td>SEAT TYPE</td>
<td>AE7</td>
<td>SEATS, FRONT 40/20/40 SPLIT-BENCH, 3-PASSENGER, DRIVER AND FRONT PASSENGER RECLINE</td>
</tr>
<tr>
<td>SEAT TRIM</td>
<td>H2Q</td>
<td>JET BLACK/DARK ASH, VINY Seat TRIM</td>
</tr>
<tr>
<td>RADIO</td>
<td>IOB</td>
<td>AUDIO SYSTEM, 7&quot; DIAGONAL COLOR TOUCH SCREEN WITH GMC INFOTAINMENT SYSTEM, AM/FM</td>
</tr>
<tr>
<td>ADDITIONAL EQUIPMENT</td>
<td>PCR</td>
<td>SIERRA FLEET CONVENIENCE PACKAGE</td>
</tr>
<tr>
<td></td>
<td>VYU</td>
<td>SNOW PLOW PREP PACKAGE</td>
</tr>
<tr>
<td></td>
<td>K4B</td>
<td>BATTERY, 730 COLD-CRANKING AMPS, AUXILIARY</td>
</tr>
<tr>
<td></td>
<td>KW5</td>
<td>ALTERNATOR, 220 AMPS</td>
</tr>
<tr>
<td></td>
<td>Z82</td>
<td>TRAILERING EQUIPMENT</td>
</tr>
<tr>
<td></td>
<td>JL1</td>
<td>TRAILER BRAKE CONTROLLER, INTEGRATED</td>
</tr>
<tr>
<td></td>
<td>NZZ</td>
<td>UNDERBODY SHIELD, FRAME-MOUNTED SHIELDS</td>
</tr>
<tr>
<td></td>
<td>NZ4</td>
<td>WHEELS, 17&quot; X 7.5&quot; (43.2 CM X 19.1 CM) FULL-SIZE, STEEL SPARE</td>
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<tr>
<td></td>
<td>RVQ</td>
<td>LPO, BLACK TUBULAR ASSIST STEP, 6&quot; RECTANGULAR</td>
</tr>
</tbody>
</table>

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

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December 12, 2017 12:28:53 PM
2018 Fleet/Non-Retail GMC Sierra 2500HD 4WD Double Cab 144.2" TK257

**SELECTED MODEL & OPTIONS**

**SELECTED OPTIONS - 2018 Fleet/Non-Retail TK25753 4WD Double Cab 144.2"**

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ADDITIONAL EQUIPMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRW</td>
<td></td>
<td>PROVISION FOR CAB ROOF-MOUNTED LAMP/BEACON</td>
</tr>
<tr>
<td>DL8</td>
<td></td>
<td>MIRRORS, OUTSIDE HEATED POWER-ADJUSTABLE</td>
</tr>
<tr>
<td>A91</td>
<td></td>
<td>REMOTE LOCKING TAILGATE</td>
</tr>
<tr>
<td>AQQ</td>
<td></td>
<td>REMOTE KEYLESS ENTRY</td>
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<tr>
<td>9L7</td>
<td></td>
<td>UPFITTER SWITCHES, (4)</td>
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<tr>
<td>R9Y</td>
<td></td>
<td>FLEET FREE MAINTENANCE CREDIT</td>
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<tr>
<td>VQ1</td>
<td></td>
<td>FLEET PROCESSING OPTION</td>
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<tr>
<td>DEALER INSTALLED / PROCESSING OPTIONS</td>
<td></td>
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</tr>
<tr>
<td>SPT</td>
<td></td>
<td>6&quot; LED SPOTLIGHT - DRIVER SIDE</td>
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<tr>
<td>RHO</td>
<td></td>
<td>SPRAY ON BEDLINER</td>
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</tbody>
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**OPTIONS TOTAL**

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Customer File:

Page 4
2018 Fleet/Non-Retail GMC Sierra 3500HD 4WD Reg Cab 162" WB, 83.58"

PRICING SUMMARY

State of Michigan (MiDeal) / Washtenaw CRC

Price $30,189.00
2018 Fleet/Non-Retail GMC Sierra 3500HD 4WD Reg Cab 162" WB, 83.58"

SELECTED MODEL & OPTIONS

SELECTED MODEL - 2018 Fleet/Non-Retail TK36403 4WD Reg Cab 162" WB, 83.58" CA

<table>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>TK36403</td>
<td>2018 GMC Sierra 3500HD 4WD Reg Cab 162&quot; WB, 83.58&quot; CA</td>
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SELECTED VEHICLE COLORS - 2018 Fleet/Non-Retail TK36403 4WD Reg Cab 162" WB, 83.58" CA

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>-</td>
<td>Interior: No color has been selected.</td>
</tr>
<tr>
<td>-</td>
<td>Exterior 1: No color has been selected.</td>
</tr>
<tr>
<td>-</td>
<td>Exterior 2: No color has been selected.</td>
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SELECTED OPTIONS - 2018 Fleet/Non-Retail TK36403 4WD Reg Cab 162" WB, 83.58" CA

<table>
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<th>CATEGORY</th>
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</tr>
<tr>
<td>ENGINE</td>
<td>L96</td>
<td>ENGINE, VORTEC 6.0L VARIABLE VALVE TIMING V8 SFI</td>
</tr>
<tr>
<td>TRANSMISSION</td>
<td>MYD</td>
<td>TRANSMISSION, 6-SPEED AUTOMATIC, HEAVY-DUTY</td>
</tr>
<tr>
<td>AXLE</td>
<td>GT5</td>
<td>REAR AXLE, 4.10 RATIO</td>
</tr>
<tr>
<td>PREFERRED EQUIPMENT GROUP</td>
<td>1SA</td>
<td>SIERRA PREFERRED EQUIPMENT GROUP</td>
</tr>
<tr>
<td>TIRES</td>
<td>QZT</td>
<td>TIRES, LT235/80R17E ALL-TERRAIN</td>
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</tbody>
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2018 Fleet/Non-Retail GMC Sierra 3500HD 4WD Reg Cab 162" WB, 83.58"

**SELECTED MODEL & OPTIONS**

**SELECTED OPTIONS - 2018 Fleet/Non-Retail TK36403 4WD Reg Cab 162" WB, 83.58" CA**

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<tr>
<th>CATEGORY</th>
<th>Code</th>
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<td>ZY1</td>
<td>PAINT, SOLID</td>
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<td>PAINT</td>
<td>GAN</td>
<td>QUICKSILVER METALLIC</td>
</tr>
<tr>
<td>SEAT TYPE</td>
<td>AE7</td>
<td>SEATS, FRONT 40/20/40 SPLIT-BENCH</td>
</tr>
<tr>
<td>SEAT TRIM</td>
<td>H2R</td>
<td>DARK ASH WITH JET BLACK INTERIOR ACCENTS, CLOTH SEAT TRIM</td>
</tr>
<tr>
<td>RADIO</td>
<td>IOB</td>
<td>AUDIO SYSTEM, 7&quot; DIAGONAL COLOR TOUCH SCREEN WITH INTELLILINK, AM/FM</td>
</tr>
<tr>
<td>ADDITIONAL EQUIPMENT</td>
<td>PCR</td>
<td>SIERRA CONVENIENCE PACKAGE</td>
</tr>
<tr>
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<td>VYU</td>
<td>SNOW PLOW PREP PACKAGE</td>
</tr>
<tr>
<td></td>
<td>K4B</td>
<td>BATTERY, 730 COLD-CRANKING AMPS, AUXILIARY</td>
</tr>
<tr>
<td></td>
<td>KW5</td>
<td>ALTERNATOR, 220 AMPS</td>
</tr>
<tr>
<td></td>
<td>JL1</td>
<td>TRAILER BRAKE CONTROLLER, INTEGRATED</td>
</tr>
<tr>
<td></td>
<td>NZZ</td>
<td>UNDERBODY SHIELD</td>
</tr>
<tr>
<td></td>
<td>TRW</td>
<td>PROVISION FOR CAB ROOF-MOUNTED LAMP/BEACON</td>
</tr>
<tr>
<td></td>
<td>DPN</td>
<td>MIRRORS, OUTSIDE HEATED POWER-ADJUSTABLE VERTICAL CAMPER UPPER GLASS</td>
</tr>
<tr>
<td></td>
<td>A31</td>
<td>WINDOWS, POWER</td>
</tr>
<tr>
<td></td>
<td>AQQ</td>
<td>REMOTE KEYLESS ENTRY</td>
</tr>
<tr>
<td></td>
<td>9L7</td>
<td>UFPFITTER SWITCHES</td>
</tr>
<tr>
<td></td>
<td>DD8</td>
<td>MIRROR, INSIDE REARVIEW AUTO-DIMMING</td>
</tr>
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<td></td>
<td>R9Y</td>
<td>FLEET FREE MAINTENANCE CREDIT</td>
</tr>
<tr>
<td></td>
<td>VQ1</td>
<td>FLEET PROCESSING OPTION</td>
</tr>
</tbody>
</table>

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December 11, 2017

Washtenaw County Road Commission
Attn: Mike Livsey
555 North Zeeb Road
Ann Arbor, MI 48103

MiDEAL

State Contract Hyperlink No: 07187700086

Equipment Quotation utilizing the state contract awarded to Truck & Trailer Specialties, Inc.

Chassis: 2018 GMC 3500, DRW, 4x4, Reg. Cab, 84” CA, gas engine, auto trans & auxiliary switches

Install Crysteel E-Tipper Dump Body including the following:
- 9’ long, 87” inside width, 96” outside width
- Sides: 10 ga. A1011 steel, rigid sides 12” high
- Tailgate: 10 ga. A1011 steel, 3-panel, 20” high with quick-drop manual release
- Floor: 3/16” AR450 floor
- Boxed top rail
- Square rear corner posts with single oval cut-outs for STT/Backup light in each pillar, cut as low as possible to accommodate TTS installing a Whelen LINZ6A bubble lamp flush-mounted above oval cut-out
- Understructure: crossmemberless design
- ¼ integral full-width cabshield 10 ga. A1011 steel with punched window in bulkhead

Install Crysteel Lo-Boy full-length subframe scissor Hoist with body prop including the following:
- Model LB520 with double-acting hydraulics, 50 degree dump angle, capacity: 16 ton
- 12-volt power pack with push button control in cab
- **additional hoist switch at passenger rear corner post**

Install Donovan 2000X Manual Tarp System mounted at cabshield with mesh tarp material and rear tarp hooks

Install Monroe Custom Body L-Pack behind-cab toolbox Model HP 48 including the following:
- 24” wide x 55” high x 82” deep
- One (1) transverse shelf open to both streetside and curbside
- Two (2) transverse shelves in upper section
- Two (2) fixed material hooks on curbside
- Model HP 48 includes Lower Tool Boxes on both sides, 24” wide x 14” high x 20” deep
- Custom design with pass-through on interior wall of “L” portion of body
- Construction: 14 ga. double-sided galvanneal steel
- Positive drip rail over all doors
- Doors: double panel, 18 ga. galvanneal steel, with 12 ga. stiffener angle
- Hinges: stainless steel concealed type with 3-dimensional adjustment
- Handles: stainless steel, single-point, slam-action paddle-type
- Two-stage striker plates
- Automotive-style door gasket
- Removable chain restraints
- Urethane, two-stage primer in White

Install Custom Lighting & Electrical including the following:
- Chassis auxiliary switch for warning lights
One (1) Whelen mini lightbar model MC16PA mounted on cabshield with self-leveling bracket, clearly visible from rear
Two (2) Whelen LINZ26A bubble lamps mounted on cabshield above tarp, one each rear-facing
Two (2) 6” LED Truck-Lite STT lights in poly light boxes cabshield-mounted, one each rear-facing
Two (2) LED ECCO EW2451 work lights mounted on cabshield above tarp, one each end
Two (2) Whelen LINZ26A bubble lamps flush-mount at top of rear pillar, one each side
Two (2) Grote 54702 6” oval LED STT/Backup lights in bottom cut-out of rear pillar, one each side
Betts junction box at rear of dump
LED body and clearance lights
Back-up alarm

Install Rearview Camera System including the following:
M. S. Foster & Associates Inc. camera system
VOM74MM LCD rearview-mirror replacement monitor
VCMS155B color camera with black case
CEC50L1 main cable for LCD monitor
Mounted on crossmember of self-leveling bracket above mini lightbar
Camera wired “always on” with switch to turn off
WP electrical connections

Install Rear Hitch assembly including the following:
3” mounting plate with OEM chassis STT-B/U lights mounted outside of plate
Heavy-duty “D” safety rings
2” Pintle/Ball Hitch, model BH82000 multi-drill hitch plate for adjustable mounting height
6-way round plug

Install Boss 9’ 2” Power-V XT Steel Blade including the following:
Steel V-blade complete with handheld control & driving lights
12-volt power pack
Rubber snow deflector, blade guides & snow shoes
Curbguards on both ends of moldboard

Install Hot Patch Heater GEN II including the following:
110-volt pre-heater
Shoveling platform with control in curbside pillar
Insulated mat
Insulated tarp assembly
Rear curbside pillar switch for 12v dump/hoist

Install Mudflaps behind rear tires
Paint
Dump underbody, hoist and rear hitch painted Black
Dump body painted Black
L-pack unit painted Black

Above installed and painted: $40,771.00 ea.

Payment Terms: Net 30. Pricing effective for 90 days.
FOB: Washtenaw CRC
Delivery: 180-210 days ARO

Thank you for the opportunity to quote.

Respectfully submitted by,
Jon Leea/Brian Bouwman
2018 Fleet/Non-Retail GMC Sierra 1500 4WD Crew Cab 153.0" TK15743

PRICING SUMMARY

State of Michigan (MiDeal) / Washtenaw CRC

Price $32,517.00

Includes Delivery, Spray on Bedliner, and LED Spotlight
2018 Fleet/Non-Retail GMC Sierra 1500 4WD Crew Cab 153.0" TK15743

SELECTED MODEL & OPTIONS

SELECTED MODEL - 2018 Fleet/Non-Retail TK15743 4WD Crew Cab 153.0"

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>TK15743</td>
<td>2018 GMC Sierra 1500 4WD Crew Cab 153.0&quot;</td>
</tr>
</tbody>
</table>

SELECTED VEHICLE COLORS - 2018 Fleet/Non-Retail TK15743 4WD Crew Cab 153.0"

- Interior: Dark Ash seats with Jet Black interior accents
- Exterior 1: Quicksilver Metallic
- Exterior 2: No color has been selected.

SELECTED OPTIONS - 2018 Fleet/Non-Retail TK15743 4WD Crew Cab 153.0"

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>EMISSIONS, FEDERAL REQUIREMENTS</td>
<td>FE9</td>
<td>EMISSIONS, FEDERAL REQUIREMENTS</td>
</tr>
<tr>
<td>ENGINE</td>
<td>L83</td>
<td>ENGINE, 5.3L ECOTEC3 V8, WITH ACTIVE FUEL MANAGEMENT, DIRECT INJECTION</td>
</tr>
<tr>
<td>TRANSMISSION</td>
<td>MYC</td>
<td>TRANSMISSION, 6-SPEED AUTOMATIC, ELECTRONICALLY CONTROLLED</td>
</tr>
<tr>
<td>AXLE</td>
<td>GU6</td>
<td>REAR AXLE, 3.42 RATIO</td>
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<tr>
<td>PREFERRED EQUIPMENT GROUP</td>
<td>1SA</td>
<td>WORK TRUCK PREFERRED EQUIPMENT GROUP</td>
</tr>
<tr>
<td>WHEELS</td>
<td>RDS</td>
<td>WHEELS, 17&quot; X 8&quot; (43.2 CM X 20.3 CM) PAINTED STEEL</td>
</tr>
<tr>
<td>TIRES</td>
<td></td>
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</tbody>
</table>

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December 12, 2017 12:37:35 PM
2018 Fleet/Non-Retail GMC Sierra 1500 4WD Crew Cab 153.0" TK15743

SELECTED MODEL & OPTIONS

<table>
<thead>
<tr>
<th>CATEGORY</th>
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<tbody>
<tr>
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<td>RC3</td>
<td>TIRES, P265/70R17 ALL-TERRAIN, BLACKWALL</td>
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<tr>
<td>PAINT SCHEME</td>
<td>ZY1</td>
<td>SOLID PAINT</td>
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<tr>
<td>PAINT</td>
<td>GAN</td>
<td>QUICKSILVER METALLIC</td>
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<td>SEAT TYPE</td>
<td>AE7</td>
<td>SEATS, FRONT 40/20/40 SPLIT-BENCH</td>
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<tr>
<td>SEAT TRIM</td>
<td>H2Q</td>
<td>DARK ASH SEATS WITH JET BLACK INTERIOR ACCENTS, VINYL</td>
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<tr>
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<td>SEAT TRIM</td>
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<td>RADIO</td>
<td>IOB</td>
<td>AUDIO SYSTEM, 7&quot; DIAGONAL COLOR TOUCH SCREEN WITH GMC INFOTAINMENT SYSTEM,</td>
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<td>G80</td>
<td>DIFFERENTIAL, HEAVY-DUTY LOCKING REAR</td>
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<td>Z82</td>
<td>TRAILERING EQUIPMENT</td>
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<td>UNDERBODY SHIELD, TRANSFER CASE PROTECTION</td>
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<td>JL1</td>
<td>TRAILER BRAKE CONTROLLER, INTEGRATED</td>
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<td>RC4</td>
<td>TIRE, SPARE P265/70R17 ALL-SEASON, BLACKWALL</td>
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<td>RVQ</td>
<td>LPO, BLACK TUBULAR ASSIST STEP, 6&quot; RECTANGULAR</td>
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<td>TRW</td>
<td>PROVISION FOR CAB ROOF-MOUNTED LAMP/BEACON</td>
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<td>DL8</td>
<td>MIRRORS, OUTSIDE HEATED POWER-ADJUSTABLE</td>
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<td>REMOTE LOCKING TAILGATE</td>
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<td>REMOTE KEYLESS ENTRY</td>
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<td>SL7</td>
<td>UPFITTER SWITCHES, (4)</td>
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<td></td>
<td>R9Y</td>
<td>FLEET FREE MAINTENANCE CREDIT</td>
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Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.
2018 Fleet/Non-Retail GMC Sierra 1500 4WD Crew Cab 153.0" TK15743

SELECTED MODEL & OPTIONS

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<th>CATEGORY</th>
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<tr>
<td>DEALER INSTALLED / PROCESSING OPTIONS</td>
<td>SPT</td>
<td>6&quot; LED SPOTLIGHT - DRIVER SIDE</td>
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<tr>
<td></td>
<td>RHO</td>
<td>SPRAY ON BEDLINER</td>
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</tbody>
</table>

OPTIONS TOTAL

Report content is based on current data version referenced. Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

GM AutoBook, Data Version: 520.0, Data updated 12/5/2017
© Copyright 1986-2012 Chrome Data Solutions, LP. All rights reserved.
December 11, 2017

Washtenaw County Road Commission
555 N ZEEB RD
Ann Arbor, Michigan 48103

Attention: MIKE LIVSEY

Thank you for this opportunity to quote a solution from Michigan CAT for your business needs. We are pleased to submit the following for your purchase consideration.


MACHINE
950M WHEEL LOADER – HIGH LIFT / FUSION QUICK COUPLER / 4 YD BKT / 72’ FKKS 360-7932
REGIONAL PACKAGE, AM-N 506-3495
STANDARD PACKAGE – RIDE CONTROL 512-0858
LINKAGE, HIGH LIFT 505-1553
COUNTERWEIGHT, 1460KG 393-0072
AIR INLET STANDARD, RAIN CAP 365-0112
AXLES, LOCK/OPEN, ED 366-9903
HYDRAULICS, 2V RC, STD/LOG/HL 501-0400
HYDRAULIC OIL, STANDARD 366-9912
COLD STARTING PKG (120V) 373-3911
LIGHTS, HALOGEN 486-2311
WINDOWS, STANDARD 493-9815
STEERING, WHEEL HMU 384-7009
SINGLE AXIS LEVERS W / FNR 502-0336
SEAT BELT, 3" W / INDICATOR 450-1592
MANUAL DIFFERENTIAL LOCK 384-7006
FILTRATION, STANDARD 505-1519
CAB TRIM, HEATED 505-1512
PRODUCT LINK, CELLULAR PLE641 434-0691
COOLING CORES, 9 FPI 364-9807
FAN, STANDARD 503-6412
ANTIFREEZE, -34C (-29F) 371-7064
MICHELIN TIRES, 23.5R25 MX XHA2 * L3 RADIALS 373-4052
FENDERS, BASIC + 464-6672
HOOD, NON-METALLIC 336-0000
SOUND SUPPRESSION, STANDARD 465-6576
CAT AUTOLUBE INSTALLED - HIGH LIFT 495-7498
ANTIFREEZE WINDSHIELD WASHER 0P-1939
ANTIFREEZE, -45C (-49F) 0P-3978
RADIO, CB (READY) 372-1603
RADIO, AM / FM / USB / MP3 BLUETOOTH 372-1600
LIGHTS, REVERSING STROBE 513-2458
LIGHT, WARNING BEACON 491-7467

1-888-MICH CAT
www.michigancat.com

Novi, Shelby Twp, Grand Rapids, Saginaw, Lansing
Kalkaska, Brownstown Twp, Kalamazoo

(46)
CPM PAYLOAD SOFTWARE INSTALLED 517-7123
POWER TRAIN GUARD 367-9027
QUICK COUPLER READY, HIGH LIFT 373-3904
FUSION QUICK COUPLER 349-5246
INSTALL - AMBER LED DIRECTIONAL BEACON
INSTALL – FLASHING STROBES
BEET JUICE IN REAR TIRES 3480242
4.0 YARD BUCKET-GP, 114" - (QC) 1399229
CUTTING EDGE, BOLT-ON 5207957
CARRIAGE GROUP, 96" 5207979
TINE GROUP, 72" (2 TINES) 3175562
EXTRA BLANK FUSION HOOK

MI DEAL SELL PRICE $284,930.00

WARRANTY
Standard Warranty: Michigan CAT 12 Month, Unlimited Hour Standard Full Machine Warranty
Service Agreement with 6 Months Mileage
Extended Warranty: 950-84 MO / 3500 HR POWERTRAIN (Tier 4)

F.O.B/TERMS: NOVI YARD MI DEAL CONTRACT # 071B7700084

OPTIONAL – PRINTER $2,290

TRADE VALUE: CAT 950G s/n 3JW00934 $42,500

MICHIGAN CAT / MMC GUARANTEED BUYBACKS:

5 YEAR / 4000 HOURS $170,000
10 YEAR / 6000 HOURS $125,000

Michigan Cat / MMC will purchase the 950M back at either 5 or 10 years at the WCRC’s discretion. The machine must be in good operating condition, 50% tires and within the allotted hour range.

We believe the equipment as quoted will exceed your expectations. On behalf of Michigan CAT, thank you for the opportunity to supply Caterpillar machinery. This quotation is subject to machine availability and valid for 30 days, after which time we reserve the right to update the quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

Mark Moran
Account Representative
Mark.Moran@MICHIGANCAT.com
248-569-5508

1-888-MICH CAT
www.michigancat.com
Kalkaska . Brownstown Twp. Kalamazoo

(47)
PLATT -TEXTILE GREENWAY

CONSTRUCTION AND CONSTRUCTION ENGINEERING AGREEMENT

This Agreement ("Agreement"), is entered into as of the ___ day of _____________, 2017, and memorializes and confirms certain verbal commitments and understandings previously made by the Board of County Road Commissioners of the County of Washtenaw, a public body corporate, with offices at 555 Zeeb Road, Ann Arbor, Michigan 48103 ("WCRC") and Pittsfield Charter Township, a public body corporate, with offices at 6201 W Michigan Avenue, Ann Arbor, MI 48108 (the "TOWNSHIP").

1.0 FUNDING AND RESPONSIBILITIES OF THE PARTIES

1.1 Project Costs and Funding

1.1.1 The Township desires for Platt-Textile Greenway between Marsh View Meadows Park and Platt Road (the "PROJECT") to be constructed as part of the Textile Road project commencing in 2018.

1.1.2 The Township will be responsible for all costs associated with constructing the Project. These costs shall include construction costs, construction engineering, materials testing and project administration costs.

1.1.3 Bidding Phase: The Township has previously entered into an agreement with WCRC to design the Project. The Project is scheduled to be let by the Michigan Department of Transportation in January 2018. Once MDOT confirms the bids and a contract is awarded to the lowest responsible bidder, the Township shall pay WCRC the actual bid cost for all items associated with the Project less the anticipated Transportation Alternatives Program (TAP) funds associated with the Project. In addition, the Township shall pay WCRC fifteen percent (15%) of the actual bid amount to cover all expected costs associated with construction engineering associated with the Project. The Engineer’s estimate to build the Project as prepared by Stantec Engineering is $1,250,000 and the TAP grant award is $800,000. All payments shall be made to WCRC within thirty (30) days of an invoice.

1.1.4 Construction Phase: WCRC shall enter into Contract(s) with MDOT pre-qualified consulting firm to perform materials testing services associated with the Project. Materials testing will include all costs associated with testing materials in accordance with current MDOT construction practices and procedures.

1.1.5 During the construction phase, the WCRC designated Project Engineer shall provide the following to the Township: (1) Project updates as needed; (2) Bi-weekly pay estimates (payments) to the Contractor for work completed; (3) Monthly payments made to the consulting firms performing construction engineering and materials testing; and (4) Work orders to the Contractor which may result in an increase to the final Project costs.
1.2  WCRC Responsibilities

1.2.1  WCRC will oversee the Project in accordance with current MDOT construction practices and procedures. WCRC will oversee the relocation of any utilities that are determined to be in conflict with the Project and administer the Project during construction in accordance with WCRC's and MDOT's construction practices and procedures.

1.2.2  Project Invoices: WCRC may periodically issue invoices to the Township for payment of Project costs that exceed the funds submitted by the Township immediately after MDOT awards a contract to the lowest responsible bidder. WCRC shall provide documentation to the Township of all costs incurred for the Project as listed in Paragraph 1.1.5.

1.3  Township Responsibilities

1.3.1  Project Payments to WCRC: The Township shall make payment within thirty (30) days of receipt of invoices issued by WCRC as described herein. The Township will be responsible for any and all actual construction and construction engineering costs to complete the scope of the Project, including any additional construction costs incurred due to unforeseen field conditions or payment of field measured unit priced contract items.

AGREEMENT SUMMARY

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Platt – Textile Greenway Project</td>
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<tr>
<td>Construction Cost Estimate *</td>
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<td>Construction Engineering (15% of Construction Estimate)</td>
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<td>Total Construction Cost Estimate</td>
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Estimated Project Cost Summary

<table>
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<th>Description</th>
<th>Amount</th>
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<tr>
<td>Total Estimated Construction Cost</td>
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<tr>
<td>Less TAP Funds (80 percent up to $800,000)</td>
<td>($800,000)</td>
</tr>
<tr>
<td>Estimated Amount to be Paid by Pittsfield Township under this Agreement:</td>
<td>$637,500</td>
</tr>
</tbody>
</table>

*The actual cost will be based on bid tabulation and final project accounting by the Road Commission.
FOR PITTSFIELD CHARTER TOWNSHIP

Mandy Grewal, Supervisor

Michelle L. Anzaldi, Clerk

FOR WASHTENAW COUNTY ROAD COMMISSION

Douglas E. Fuller, Chair

Roy D. Townsend, Managing Director

Page 3 of 3
WASHTENAW COUNTY ROAD COMMISSION
555 N. ZEEB ROAD
ANN ARBOR, MICHIGAN 48103

TRAFFIC CONTROL DEVICE AGREEMENT

LOCATION: Textile Road at Campbell Road
Pittsfield Township, Sections 22 & 27

DEVICE TYPE(S): Crosswalk pavement markings, Rectangular
Rapid Flashing Beacon (RFB), Mounting assembly with sign and all signage for crossing

AGREEMENT NO. 1

EFFECTIVE DATE OF THIS AGREEMENT: January 5, 2018

Under authority of state law and by virtue of resolutions formally adopted by their respective governing bodies, the undersigned hereby agree to participate in the cost of maintenance and operation of the traffic control device(s) at the location(s) listed above on the basis of the division of costs as shown below. Details of the location are as shown on the attached documentation.

PARTICIPATION AGREEMENT

<table>
<thead>
<tr>
<th>Agency</th>
<th>WASHTENAW COUNTY ROAD COMMISSION</th>
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</tr>
<tr>
<td>Other</td>
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</tbody>
</table>

BILLING AGREEMENT: It is agreed that the Washtenaw County Road Commission shall bill the parties designated above on the participation agreement for their proportionate share of all costs relative to the maintenance and operation of the traffic control device(s) on the first billing cycle after the charges are incurred.

It is further agreed that the agency responsible for payment of energy billings and/or leased line interconnection billings included in the operation costs, shall be the Pittsfield Charter Township.

It is further agreed that the agency responsible for performing maintenance by approved guidelines and policies, shall be the Washtenaw County Road Commission.

"In the event the traffic control device(s) referred to in this agreement is located on a road or street that is not under the jurisdiction of the Washtenaw County Road Commission, the authority having the jurisdiction over the road or street hereby agrees to save harmless, indemnify, represent, and defend the Washtenaw County Road Commission from any claims, demands, or suits arising out of or relating to the maintenance and operation of the traffic control device(s) which is the subject matter of this agreement."

It is further agreed that title to all equipment at the roads listed in this agreement shall remain with the agency having jurisdiction of the road in which the equipment is located.

This agreement is terminable on a unanimous decision between all parties.

<table>
<thead>
<tr>
<th>Agency</th>
<th>WASHTENAW CO. ROAD COMM</th>
<th>Agency</th>
<th>Pittsfield Charter Township</th>
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<td>______________________</td>
<td>Signed By</td>
<td>______________________</td>
</tr>
<tr>
<td>Print Name</td>
<td>Roy D. Townsend</td>
<td>Print Name</td>
<td>Mandy Grewal, PhD</td>
</tr>
<tr>
<td>Title</td>
<td>WCRC Managing Director</td>
<td>Title</td>
<td>Pittsfield Charter Township Supervisor</td>
</tr>
<tr>
<td>Date</td>
<td>______________________</td>
<td>Date</td>
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<td>Signed By</td>
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<td>Date</td>
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<td>Date</td>
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</tbody>
</table>
PATHWAY AGREEMENT

This Agreement ("Agreement"), is entered into as of the ___ day of ______________, 2017, and memorializes and confirms certain verbal commitments and understandings previously made by the Board of County Road Commissioners of the County of Washtenaw, a public body corporate, with offices at 555 Zeeb Road, Ann Arbor, Michigan 48103 ("WCRC") and the Washtenaw Community College, a Michigan public community college, with offices at 4800 E. Huron River Drive, Ann Arbor, Michigan 48105 (the "WCC").

1.0 ACKNOWLEDGMENTS

1.1 The parties desire to cooperate in the funding, design, construction of a non-motorized shared use pathway approximately 0.6 mile in length beginning at the Clark Road intersection running adjacent to Huron River Drive on the WCC campus up to the WCC signalized driveway across from the Health and Fitness Center (the "Project").

1.2 WCRC in coordination with the WCC has been awarded a Michigan Department of Transportation ("MDOT") FY2018 Transportation Alternative Program ("TAP") grant in the amount of $291,896 for the Project.

1.3 The Project is to be located within portions of the WCC campus and the Huron River Drive right-of-way. An easement on the WCC campus is required for the construction and use of the Project.

1.4 WCC shall be responsible for operating, maintaining, and repairing the Project in accordance with grant requirements.

NOW, THEREFORE, in exchange for their mutual promises as set forth herein the parties agree as follows:

2.0 FUNDING AND RESPONSIBILITIES OF THE PARTIES

2.1 Project Costs and Funding

2.1.1 WCC shall be responsible for all Project costs in excess of the MDOT TAP funds.

2.1.2 Design Phase: WCRC has entered into a Contract with Johnson & Anderson for engineering services consisting of design/preliminary engineering, securing the required permits, and performing the project administration of the Project up to the construction phase. WCRC may terminate the design phase of the Project at any time and provide written notice to WCRC. If WCRC so terminates the design phase for the Project, WCC shall reimburse WCRC for any and all costs and expenses incurred by WCRC up to the date of termination.

2.1.3 Bidding Phase: The design phase of the Project will include an engineer's estimate for the construction costs for the Project (the "Engineer's Estimate"). Based on the Engineer's Estimate and prior to WCRC authorizing MDOT to proceed with the bid letting process, WCC will advise WCRC in writing whether it will move forward with the Project and thereby commit to funding a construction
budget for the Project equal to the Engineer’s Estimate plus an additional ten percent (10%) contingency (the “Project Budget”). The lowest qualified bid obtained during the MDOT bid letting will be awarded the Project so long as the bid price is within ten percent (10%) of the Engineer’s Estimate. Should the lowest qualified bid exceed the Engineer’s Estimate by more than ten percent (10%), WCC will be given the option of funding the increased cost or rejecting all bids. If all bids are rejected, the Project will be cancelled and WCC will be responsible for payment of all Project costs to date including the cost of any WCRC efforts necessary to close out the Project due to cancellation.

2.1.4 Construction Phase: WCRC shall enter into a Contract with an MDOT pre-qualified engineering consultant to serve as the Project Engineer and perform all construction engineering services. These services shall include without limitation inspection; office technician; construction surveying; materials testing and inspection; generating contractor pay estimates; and providing other construction contract documentation to MDOT in accordance with WCRC’s and MDOT’s guidelines, standard practices and procedures.

2.1.5 During the construction phase the Project Engineer shall consult with WCC and WCRC regarding any items which may result in an increase to the estimated construction cost. WCC will be responsible for any and all actual and necessary construction and Project costs to complete the scope of the Project which WCC approved during the design phase. WCC shall also pay any additional construction costs incurred due to unforeseen field conditions or payment of field measured unit priced contract items.

2.2 WCRC Responsibilities

2.2.1 WCRC will serve as the MDOT Local Agency for purposes of TAP grant and MDOT requirements for the Project.

2.2.2 In cooperation with WCC, WCRC will oversee the Project in accordance with MDOT’s requirements. WCRC will enter into the necessary contract(s) with MDOT relating to the Project; coordinate the preparation of construction documents with the WCC’s Engineers and MDOT; secure the required easements or right-of-way for the Project; authorize MDOT to advertise and let bids; execute the necessary construction contract(s) for the Project; and administer the Project during construction in accordance with WCRC’s and MDOT’s guidelines, standard practices and procedures.

2.2.3 Project Invoices: WCRC will periodically issue invoices to WCC for payment of Project costs, as they are incurred. Project costs may include without limitation to any design, easements or right-of-way, construction, construction engineering, and/or project administration expenses, whether incurred or performed by Road Commission personnel or independent contractors. WCRC shall provide documentation of all costs incurred for the Project.

2.3 WCC Responsibilities
2.3.1 Project Payments to WCRC: WCC shall promptly make payment upon receipt of invoices issued by WCRC as described herein.

2.3.2 WCC or its delegee shall be responsible for operating, maintaining, and repairing the Project in accordance with MDOT requirements.

3.0 GENERAL PROVISIONS

3.1 All notices and invoices under this contract are deemed given when mailed by first class mail, postage pre-paid, e-mailed, or personally delivered as follows:

For the Washtenaw Community College

- Washtenaw Community College
- Attn: Damon Flowers, Vice President - Facilities Development and Operations
- 4800 E Huron River Dr
- Ann Arbor, MI 48105
- E-mail: dfowers@wccnet.edu

For the Board of County Road Commissioners of the County of Washtenaw

- Washtenaw County Road Commission
- Attn: Roy Townsend, Managing Director
- 555 N. Zeeb Road
- Ann Arbor, MI 48103
- E-mail: townsendr@wcroads.org

3.2 The obligations of the parties under this Agreement shall be null and void if any application for grant and/or funding referred to herein is not approved, unless otherwise agreed in writing by the parties. This Agreement shall be null and void in the event that WCRC does not enter into necessary contract(s) between WCRC and MDOT.

3.3 This Agreement constitutes the entire Agreement between the parties and all previous communications between the parties, whether written or oral, with reference to the subject matter of this Agreement are hereby superseded.

3.4 If it is determined by a court of competent jurisdiction that any provision of this Agreement is contrary to law the remaining provisions of this Agreement shall continue in full force and effect.

3.5 This Agreement shall be interpreted and construed in all respects in accordance with the laws of the State of Michigan.

3.6 This Agreement has been jointly drafted by the parties and, therefore, shall be construed and interpreted accordingly.
3.7 Failure or delay in performance of this Agreement by any party shall not be deemed to be a breach thereof when such failure or delay is occasioned by or due to any act of God, labor strike, lock-out, war, riot, epidemic, explosion, terrorism, breakage or accident to machinery or equipment, the binding order of any court or governmental authority or any other cause, whether of the kind enumerated here or otherwise, not within the control of the party claimed to be responsible for such failure or delay or other similar alleged breach of this Agreement.

3.8 Without the prior written consent of the governing body of either party, neither this Agreement, any interest created by this Agreement, nor any claim arising under this Agreement shall be transferred or assigned by either party.

3.9 The parties agree and it is specifically understood that the parties’ performance under this Agreement does not and shall not confer upon WCRC, MDOT, and/or WCC any right, title or interest in the Project. The Parties further agree that parties’ performance under this Agreement does not and shall not confer upon MDOT, WCC, or the Natural Resources Trust Fund any right, title or interest in any improvements to roadways under the jurisdiction of WCRC.

3.10 This Agreement does not create nor vest any rights or privileges in any third party not a party to this Agreement. Notwithstanding any other provision of this Agreement, this Agreement and actions taken by the parties under this Agreement shall not be construed by any third party or any court of law as vesting any rights or privileges in any third party under any circumstances.

3.11 Nothing herein shall be construed to constitute any party to this Agreement, or their member communities, contractors, agents or assigns, as a joint venture, agent, or general partner of the other, nor do the parties intend to create or engage in a joint venture or joint venture partnership by entering into and satisfying the terms and conditions of this Agreement.

3.12 This Agreement may be modified or amended only by written agreement, duly authorized and executed, of the parties hereto.

3.13 This Agreement shall be effective and binding on the date on which the last of the parties signs this Agreement. This Agreement may be executed in counterpart originals, one of which shall be retained by each party and each of which may serve as the original of this Agreement.

IN WITNESS WHEREOF, the parties have set their hands to this Agreement the day and year here written.
WASHTENAW COMMUNITY COLLEGE

Dated: December 6, 2017

By: William E. Johnson
Its: VP & CFO

BOARD OF COUNTY ROAD COMMISSIONERS OF THE COUNTY OF WASHTENAW

Dated: _____________ 2017

By: Roy D. Townsend
Its: Managing Director

Dated: _____________ 2017

By: Douglas E. Fuller
Its: Board Chair
TO: WASHTENAW COUNTY ROAD COMMISSION

<table>
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<tr>
<th>ITEMS</th>
<th>DISCOUNT</th>
<th>CLASSIFICATION</th>
<th>GROSS AMT.</th>
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<td>Deferred Comp</td>
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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:

__________________________________________
MANAGING - DIRECTOR & DEPUTY CLERK OF THE BOARD

__________________________________________
BOARD OF COUNTY ROAD COMMISSIONERS
VOUCHER # 10277

BOARD OF ROAD COMMISSIONERS

ANN ARBOR, MICHIGAN

DATE December 12, 2017

WARRANT #

AMOUNT $2,361,568.09

ACCT. CODE 20

TO: WASHTENAW COUNTY ROAD COMMISSION

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<th>GROSS AMT.</th>
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<td>FICA/MEDICARE</td>
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<td>$ 20,838.74</td>
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ACCOUNTS PAYABLE FOR December 13, 2017

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

__________________________
CHAIRMEN

__________________________
MEMBER

The above account approved by:

__________________________
MANAGING - DIRECTOR & DEPUTY CLERK OF BOARD

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Report Total                                      2,340,729.35
TO: Washtenaw County Board of Road Commissioners
FROM: Roy D. Townsend, P.E.
Managing Director
SUBJECT: Staff Report – 11-27-17 to 12-10-17
DATE: December 19, 2017

TOWNSHIP REPORT

OPERATIONS REPORT

A. Maintenance

Scraping of gravel roads and patching of paved roads were performed throughout the county. In addition the following maintenance activities were performed in individual townships:

ANN ARBOR TOWNSHIP
- Limestone Patch Shoulder – N Dixboro Road
- Repair Guardrail – Maple Road
- Roadside Trash Removal – E Huron River Drive

AUGUSTA TOWNSHIP
- Culvert Replacement – Talladay Road, Tuttle Hill Road
- Drainage and Backslopes – Talladay Road, Tuttle Hill Road
- Limestone Patch – Butler Road, Macey Road, Rosbolt Road, Talladay Road, Tuttle Hill Road: 220 tons

BRIDGEWATER TOWNSHIP
- Boom Mow – Schneider Road
- Drainage and Backslope – McCollum Road
- Fallen Trees – Allen Road
- Gravel Patch – Bowens Road, Eisman Road: 13 tons
- Limestone Patch – Austin Road, Eisman Road, Ernst Road, Hogan Road, Lima Center Road, Logan Road, Wilbur Road: 101 tons
- Limestone Patch Shoulders – W Austin Road: 20 tons
- Roadside – Sheridan Road

DEXTER TOWNSHIP
- Limestone Patch – Madden Road: 10 tons
- Sweeping and Flushing – Dancer Road

FREEDOM TOWNSHIP
- Boom Mow – Schneider Road
- Gravel Patch – Saline Waterworks Road: 8 tons
- Roadside – Pleasant Lake Road
LODI TOWNSHIP
- Boom Mow – Pleasant Lake Road
- Limestone Patch – Gensley Road, Grass Road, Noble Road, Tessmer Road, Waters Road, Weber Road: 30 tons
- Limestone Patch Shoulders – Ann Arbor-Saline Road, Pleasant Lake Road, Wagner Road: 15 tons

LYNDON TOWNSHIP
- Culvert Replacement – Guinan Drive
- Drainage and Backslopes – Guinan Drive
- Gravel Patch – Bartell Road, Goodband Road, Osius Road: 13 tons

MANCHESTER TOWNSHIP
- Boom Mow – Sharon Hollow Road
- Gravel Patch – Bowens Road, Burtless Road, Henzie Road, Lemm Road, Noggles Road: 56 tons
- Limestone Patch – Grossman Road, Lehman Road, Sylvan Road, Wingate Road: 13 tons
- Limestone Patch Shoulders – E Shore Drive: 14 tons
- Roadside – Henzie Road

NORTHFIELD TOWNSHIP
- Berming – Earhart Road, N Maple Road
- Culvert Replacement – Earhart Road, N Maple Road
- Cut Trees – Sutton Road
- Drainage and Backslopes – Earhart Road, Five Mile Road, Rushton Road
- Fallen Trees – Sutton Road
- Limestone Patch – Hellner Road, E Joy Road, N Maple Road, Six Mile Road, Spencer Road: 61 tons

PITTSFIELD TOWNSHIP
- Boom Mow – Maple Road, Morgan Road, Textile Road, Thomas Road
- Checked Drains – Ann Arbor-Saline Road, Lohr Road, Oak Valley Drive, W Ellsworth Road, W Lohr Road, W Waters Road
- Cut Trees – Aspen Ridge Drive
- Fallen Trees – Aspen Ridge Drive
- Grind Stumps – Golfside Drive
- Limestone Patch – Marton Road, Morgan Road, Stone School Road, W Textile Road, Thomas Road: 126 tons
- Limestone Patch Shoulders – State Road: 30 tons
- Roadside – E Bemis Road, Ellsworth Road, Merritt Road, Munger Road, Wildwood Drive
SALEM TOWNSHIP
- Culvert Repair – Dixboro Road
- Drainage and Backslopes – Brookville Road
- Limestone Patch – Chubb Road, Dixboro Road, Joy Road, Six Mile Road: 89 tons
- Roadside – N Dixboro Road

SALINE TOWNSHIP
- Boom Mow – Abel Road, Arkona Road, Avedon Lane, Baron Way, Berger Drive, Hack Road, Judd Road, Lindsley Road, Londonderry Drive, Sizemore Drive, Stony Creek Road
- Drainage and Backslopes – Arkona Road
- Fallen Trees – Austin Road
- Limestone Patch – Arkona Road, Case Road, Dell Road, Lindsley Road, Willow Road: 100 tons

SCIO TOWNSHIP
- Boom Mow – Knight Road
- Drainage and Backslopes – E Pine View Drive
- Gravel Patch – Park Road, Pheasant Drive: 15 tons
- Limestone Patch – Cottontail Lane, Huron River Drive, Miller Road, Parkridge Drive, Robinwood Drive, Wagner Road: 15 tons
- Limestone Patch Shoulders – Coventry Square Drive, Deerfield Place, Metty Drive, Pheasant Drive, Scio Church Road: 33 tons

SHARON TOWNSHIP
- Boom Mow – Sharon Hollow Road, Sharon Valley Road
- Cut Trees – Lehman Road
- Drainage and Backslopes – Sharon Hollow Road
- Gravel Patch – Easudes Road, Sharon Hollow Road: 23 tons

SUPERIOR TOWNSHIP
- Cleaned Pipes – Cherry Hill Road
- Limestone Patch – Frains Lake Road, Gotfredson Road, Warren Road: 42 tons
- Repair Washout – Gotfredson Road
- Roadside – Superior Road

SYLVAN TOWNSHIP
- Gravel Patch – Loveland Road: 8 tons

WEBSTER TOWNSHIP
- Limestone Patch – McClatchey Road, Merkel Road, Pellett Drive, Hamburg Road, Walsh Road: 15 tons
- Limestone Patch Shoulders – Mast Road: 5 tons
YORK TOWNSHIP
- Cleaned Pipes – Crane Road, Jewell Road
- Drainage and Backslopes – Arkona Road, Hack Road, Moon Road
- Grind Stumps – Jewell Road
- Limestone Patch – Crane Road, Judd Road, Warner Road: 36 tons

YPSILANTI TOWNSHIP
- Boom Mow – Merritt Rod, Munger Road
- Checked Drains – E Cross Street, E Forest Avenue, Grove Road, N Harris Road, Rawsonville Road, S Harris Road
- Cut Trees – E Bemis Road, Chevrolet Street, Tyler Road
- Drainage and Backslopes – Bunton Road, Cary Drive, Martz Road, McKean Road, Oakland Hills Drive
- Fallen Trees – E Forest Avenue, Tyler Road
- Grind Stumps – Burns Street, Calder Street, Chevrolet Street, Desoto Avenue, Eileen Street, Edison Street, Huntington Drive, Onandago Street, E Raintree Court, Raintree Drive, Zephyr Street
- Limestone Patch Shoulders – E Clark Road, E Forest Avenue, Merritt Road, S Huron River Drive, Stony Creek Road, Whittaker Road, Merritt Road, Midway Street, Ridge Road: 54 tons
- Repaired Drain – Oakland Hills Drive
- Roadside – E Bemis Road, Calder Street, Commonwealth Avenue, Crestwood Avenue, Desoto Avenue, Tuttle Hill Road

WINTER MAINTENANCE
- Crews Responded – 3 times
- Total Salt Used – 1,454 tons
- Total Abrasives Used – 44 tons
- Total Brine Used – 2,949 gallons

NORTHEAST SERVICE CENTER UPDATE
The exterior and interior siding work is complete. The fire protection equipment continues to be installed. The interior installation of electrical and mechanical work continues. Interior painting of the walls continues as areas are available. The HMA for the season has been completed. The entrance along N. Territorial has been completed and 95% of the base coarse is completed and 80% of the wearing coarse has been placed. The remaining utilities are complete. The heating and cooling has been turned on and balancing of the system is currently ongoing. The finishes of paint, tile and fixtures are being installed.
SHOP REPORT

Shop Repairs
- Tires Repaired – 3 tires
- New Tire Installation – 57
- Vehicles Serviced – 9
- Vehicles Serviced by Suburban Chevrolet – 7
- Work Orders Completed – 23

Equipment Repair
Note: Repaired multiple salters electrical issues
- Truck 320 – A new dump box was installed
- Truck 333 – A new dump box was installed
- Truck 351 – Replaced the transmission radiator, water pump, exhaust pipe and an air tank
- Truck 354 – Installed the dump box and subframe
- Truck 366 – Installed the dump box and subframe
- Truck 373 – Replaced the heater blend door

BUILDING & GROUNDS REPORT

Yard One
- Installed new panels on fuel canopy
- Installed new belts on shop rapid unit
- Painted in shop break room
- Repaired drywall and paint in office bathroom
- Relocated Wi-Fi in assembly Room
- Plumbing repairs
- Repaired and Cleaned gutters
- Yard clean up
- Janitorial
- Recycling

Yard Two
- Repaired garage doors
- Repaired furnace

Yard Four
- Repaired brine pump

NORTHEAST SERVICE CENTER
- Worked on overhead brine loading bar
- Supplies for janitorial
MEETINGS ATTENDED:

11/28  J. Harmon attended the regular meeting of the Washtenaw County Homeland Security Task Force

11/29  Staff participated in a Ford Lake Dam Emergency Action Plan telephone exercise alarm test

12/5   J. Harmon and S. Siddall met with York Township officials to discuss potential road improvements and funding opportunities

12/6   J. Harmon attended a Superintendents Association of Michigan Board of Directors meeting held at the Clinton County Road Commission