

# State Transportation Commission Meeting

December 4, 2014

**MICHIGAN STATE TRANSPORTATION COMMISSION**  
**PUBLIC MEETING**  
**AGENDA**

**DATE:** Thursday, December 4, 2014  
**TIME:** 9:00 a.m.  
**LOCATION:** Office of Aeronautics, Auditorium  
Aeronautics Building, First Floor, 2700 Port Lansing Road, Lansing, Michigan

I. **WELCOME**

- Michigan Department of Transportation Director's Report – Director Kirk Steudle

II. **COMMISSION BUSINESS**

- Minutes of September 18, 2014, Commission Meeting (**motion required**)

III. **OVERSIGHT**

- Exhibit A: Contract Agreements – Myron Frierson (**motion required**)
- Supplemental Exhibit A: Contract Agreements – Myron Frierson (**motion required**)
- Exhibit A-1: Bid Letting Pre-Approvals – Myron Frierson (**motion required**)
- Exhibit A-2: Letting Exceptions – Brad Wieferich (**motion required**)
- Exhibit A-3: Information for the Commission – Myron Frierson (no motion required)
- Exhibit B: Contract Projects – Brenda O'Brien (no motion required)

V. **PRESENTATIONS**

- 2013-2014 Fiscal Year Letting Statistics – Myron Frierson (no motion required)
- Draft 2015-2019 Five-Year Transportation Plan – Denise Jackson, Jean Ruestman, Deb Brown, and Dave Baker (**motion required**)
- Zilwaukee Bridge CM/GC Bearing Replacement Project Completion – Bob Ranck and Matthew Chynoweth (no motion required)
- Context Sensitive Solutions Update CP#10138 – Brad Peterson (no motion required)

VI. **PUBLIC COMMENTS**

VII. **ADJOURNMENT**

VIII. **NEXT MEETING**

- The next full meeting will be held Thursday, January 22, 2015, in Lansing at the Aeronautics Building.

The Commission may, at its discretion, revise this agenda or take up any other issues as need and as time allows. If you have any questions regarding this meeting, or need special accommodations to attend this meeting, please notify the State Transportation Commission Office at 517-373-2110.

Meeting agendas and minutes can be found on our website at [www.michigan.gov/transcommission](http://www.michigan.gov/transcommission).

# MICHIGAN STATE TRANSPORTATION COMMISSION

## PUBLIC MEETING

September 18, 2014, Lansing, Michigan

## MEETING MINUTES

**Members Present:** Jerrold Jung, Chair  
Angelynn Afendoulis, Commissioner  
Ron Boji, Commissioner  
Michael Hayes, Commissioner  
Charles Moser, Commissioner

**Members Absent:** Todd Wyatt, Vice Chair

**Also Present:** Kirk Steudle, Director, Michigan Department of Transportation (MDOT)  
David Brickey, Assistant Attorney General, Transportation Division  
Frank E. Raha, Commission Advisor  
Myron Frierson, Director, MDOT Bureau of Finance and Administration  
Mark Van Port Fleet, Director, MDOT Bureau of Highway Development  
Brenda O'Brien, Engineer, MDOT Construction & Technology  
Jack Cotter, Commission Auditor, Office of Commission Audits  
Mary Fedewa, Executive Assistant, Office of Commission Audits  
There were about 40 to 50 people in the audience; a sign-in list is attached to the official minutes.

### I. WELCOME

Chair Jung called the meeting to order at 9:00 a.m. in Lansing, Michigan.

#### • *Michigan Department of Transportation Director's Report – Kirk Steudle*

Director Steudle reported that MDOT refinanced \$265 million in trunkline bonds, which will save about \$25 million over the life of the bonds. He will speak at a future meeting about updating our Trunkline Corridors of Highest Significance/Condition Goals, to continue the conversation from the July 17 Commission meeting.

Director Steudle then gave an overview of the 21<sup>st</sup> World Congress on Intelligent Transport Systems held in Detroit last week. There were over 9,200 attendees, the keynote speakers were Mary Bara, General Motors CEO, Bill Ford, Ford Executive Chairman, and Lowell C. McAdam, Verizon Communications Chairman and CEO. The Director felt that having the convention in Detroit was well timed to showcase Detroit as the start of the auto industry and the future center of advancements in technology. New features of the conference were displays for startup companies, youth from high schools and colleges, and emergency responders. There were also more than 30 demonstrations of intelligent or driverless transportation. MDOT received two awards: "Best New Innovative Practice-Partnership Deployment" for the Automated Vehicle Location and Maintenance Decision Support System and "Best Technical Paper" for the I-94 Truck Parking Information and Management System, which has been recently activated.

**No motion required.**

## II. COMMISSION BUSINESS

- *Minutes of July 17, 2014, Commission Meeting*

Chair Jung requested a motion regarding approval of the minutes from the State Transportation Commission meeting of July 17, 2014. Commissioner Boji made a motion to approve and Commissioner Hayes supported. Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

- *2015 Commission Meeting Schedule - Proposed*

Chair Jung requested a motion regarding approval of the proposed 2015 Commission Meeting Schedule. Commissioner Afendoulis made a motion to approve and Commissioner Boji supported. Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

## III. OVERSIGHT

- *Exhibit A: Contract Agreements – Myron Frierson*

Mr. Frierson presented information on 32 agreements. Pending any questions, Mr. Frierson asked for approval of Exhibit A. There were no questions.

Chair Jung requested a motion regarding approval of Exhibit A. Commissioner Hayes made a motion to approve and Commissioner Moser supported. Chair Jung led a voice vote; all members present voted in favor with Commissioner Moser abstaining on item two; **motion to approve carried.**

- *Exhibit A-1: Bid Letting Pre-Approvals – Myron Frierson*

Mr. Frierson presented information about Letting Statistics and Exhibit A-1. Projections for fiscal year 2014 were for 300 state jobs and a total construction cost estimate of \$756 billion. As the year is closing, so far MDOT has let 144 percent of jobs anticipated and 103 percent of cost estimates – actual project dollars of \$795 million. Much of the increase is due to \$107 million in additional funds that were appropriated from Roads and Risks Reserve funds and Priority Roads Investment funds. There was one letting on September 5. Upcoming September 10 and October 3 lettings are currently advertising 21 projects. Exhibit A-1 lists nine projects, but item one was withdrawn. Pending any questions, Mr. Frierson asked for approval of Exhibit A-1. Chair Jung asked about the additional funds in the budget and total construction costs.

Chair Jung requested a motion regarding approval of Exhibit A-1. Commissioner Afendoulis made a motion to approve and Commissioner Moser supported. Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

- *Exhibit A-2: Letting Exceptions – Mark Van Port Fleet*

Mr. Van Port Fleet provided information on four projects that were over/under the engineer's estimates. There were four justifications for projects where the low bid

exceeded the engineer's estimate by more than ten percent; OCA has reviewed. There has been a larger volume of exceptions, MDOT is researching that, and spoke with other states; we found that our estimation process is within the usual range. Chair Jung noted that contractors are busier and the economy seems to be picking up, but the economy is not stable yet for permanent job growth. Mr. Van Port Fleet also noted busyness and end of construction season are affecting bids. Pending any questions, Mr. Van Port Fleet asked for approval of Exhibit A-2.

Chair Jung requested a motion regarding approval of Exhibit A-2. Commissioner Hayes made a motion to approve and Commissioner Afendoulis supported. Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

- ***Exhibit A-3: Information for the Commission – Myron Frierson***

Mr. Frierson provided information on single bids received on five projects under \$500,000.

**No motion required.**

- ***Exhibit B: Contract Projects Finaled – Brenda O'Brien***

Ms. O'Brien presented information about Exhibit B, which included cost comparison information about recently finaled contracts. For MDOT in July and August, there were 33 projects totaling \$38.4 million finaled; three of those were more than 10 percent over original contract amounts. For July and August, final contract costs were 2.10 percent under and 1.51 percent over original contract amounts. During fiscal year 2014, MDOT has closed out projects totaling \$790 million, averaging just 1.43 percent over original contract amounts. For local agencies in July and August, there were 64 projects totaling \$33.3 million finaled; three of those were more than 10 percent over original contract amounts. Reasons for additional project costs were provided for three MDOT and nine local agency projects that exceeded their original contract amounts by more than 10 percent.

**No motion required.**

- ***Exhibit C: Six-month Financial Audit Follow-up Report – Jack Cotter***

Mr. Cotter provided information on unresolved auditor's reports more than 120 days past issue date; there were nine audits with approximately \$800,000 in net recommended adjustments due to MDOT. Department agencies, including the Office of Commission Audits (OCA), are working with the audited entities to close these audits. Pending any questions, Mr. Cotter asked for acceptance of Exhibit C.

Chair Jung requested a motion regarding acceptance of Exhibit C. Commissioner Afendoulis made a motion to accept and Commissioner Moser supported. Chair Jung led a voice vote; all members present voted in favor; **motion to accept carried.**

Mr. Cotter then spoke about the new consultant prequalification process and its impact on improper payments found in audits. For years the process has been to review supporting documentation from consultants after work was completed, and then multiple steps were completed leading up to MDOT either paying or billing the consultant for differences found in the audit; this process took 80 to 100 hours. OCA calculated that the improper payment rate, overall, was less than one percent of consultants. With the Federal Highway Administration's (FHWA) guidance along with MDOT and consultant input, a new process has been put in place to help identify causes of improper payments before they are made. With follow through by consultants, improper payments can then be eliminated or reduced. This process is called prequalification, and on average, it takes six hours per review. Of the 132 entities that applied for prequalification this year, 129 were recommended for approval, two were not, and one is still under review. The information learned during the prequalifications will be used to take a risk-based approach to the scopes or existence of future audits. In addition to reducing improper payments before they start, this process will involve less staff hours and quicker identification of issues.

#### IV. NOMINATIONS

- *Transportation Asset Management Council (TAMC) Member Appointments for 2015 – Frank Raha*

Letters were received from the County Road Association of Michigan nominating Bill McEntee to another term, from the Michigan Transportation Planning Association nominating Jon Start to replace Carmine Palombo, and from the Michigan Townships Association nominating Jennifer Tubbs to another term.

Chair Jung requested a motion regarding approval of TAMC appointment nominations for 2015. Commissioner Boji made a motion to approve and Commissioner Moser supported. Commission Advisor Raha took a roll call vote, voting in favor were Chair Jung, Commissioners Afendoulis, Boji, Hayes, and Moser, opposed were none; **motion to approve carried.**

#### V. PRESENTATIONS

- *TAMC Fiscal Year 2015 Budget and Fiscal Year 2016 Allocation Request – Bob Slattery, TAMC Vice-chair*

Mr. Slattery recognized members and staff in the audience and noted that Carmine Palomba is stepping away from the TAMC. He noted accomplishments of the council in fiscal year (FY) 2014. Mr. Slattery said data has proven that a mix of fixes approach, vs. worst first, is more effective in the long-term asset management of roads. In FY2015, the council will continue conferences, training, and education statewide. They will continue Pavement Surface Evaluation Rating (PASER) Data Collection efforts and refine the TAMC Website and performance dashboards to make it more useful. Mr. Slattery said TAMC would like \$1,626,400 allocated for FY2016, which is the same funding level they have had for more than five years. Pending any questions, Mr. Slattery asked for approval of the FY2016 budget.

Chair Jung asked if the contractor and specifications used for road construction was cross-referenced with the road condition statistics. Mr. Slattery asked Brian Sanada to make note of the suggestion and discuss it at the next TAMC meeting.

Chair Jung requested a motion regarding approval of the FY2016 budget. Commissioner Afendoulis made a motion to approve and Commissioner Moser supported. Commission Advisor Raha took a roll call vote, voting in favor were Chair Jung, Commissioners Afendoulis, Boji, Hayes, and Moser, opposed were none; **motion to approve carried.**

- ***2015 Transportation Program – Karen Howe, Highway Program; Jean Reustman, Passenger Transportation; Deb Brown, Office of Rail; and Dave Baker, Aviation***  
Director Steudle introduced the presenters. Ms. Howe gave an overview of the transportation program and funding. In FY2015, MDOT plans to invest \$1.62 billion in transportation infrastructure and services, which will support 19,500 jobs. Ninety-eight percent of the Highway Program investment is for system preservation and maintenance. It is anticipated that approximately 115 miles of roads over 185 bridges will be reconstructed or rehabilitated. Safety improvements and features are incorporated into all road and bridge projects in order continue reduction of traffic fatalities and injuries, working toward the state's vision of zero deaths. The Freeway Courtesy Patrol and the Traffic Operations Center continue to be funded. These efforts help to operate the system efficiently, providing benefit to the motoring public. Based on Remaining Service Life (RSL) data, future pavement condition will decline significantly under our existing revenue structure.

Ms. Reustman spoke about the bus and marine program, which includes state, federal, and local revenues and expenditures to preserve existing services for FY2015. Funding is not included for special projects such as M-1 Rail. Note that MDOT does not own or control local transit service levels or the entire intercity bus network in Michigan. In addition, the state and federal funding that MDOT uses to support local transit and intercity bus services are only a portion of the total cost of operating and maintaining those services. Our goal is to preserve the existing level of service, so that 81 percent of the rural population continues to be within 25 miles of an intercity bus stop. This is above the national average, which is 78 percent.

Ms. Brown spoke about the FY2105 rail program, which is planned to be a continuation budget. The biggest project is the accelerated rail corridor project, which is multi-year project to increase track speeds up to 100mph between Kalamazoo and Dearborn. MDOT is working to increase the percentage of trunkline railroad crossing surfaces rated in fair or better condition, with a goal of having at least 90 percent of all crossings in that category. The percentage of trunkline crossings in fair or better condition has been continually increasing, and stood at 91.2 percent at the end of FY2013.

Mr. Baker spoke about the FY2015 airport capital program. Federal revenue is uncertain but continuation funding is expected; state funding for FY2015 was reduced to half of FY2014. From FY2013 to FY2015 state funding has dropped considerably due to revenue, fees, and tax changes, which has caused most of state funding to be used to match federal funds. Air carrier changes and the number of passengers drive changes to the

infrastructure. For FY2015, there will be an increased emphasis on preservation, capital funding for fewer airports, increased reliance on local funding, decreased ability to target state priorities, and decreased ability to support local economic development. Pending any questions, Mr. Baker asked for acceptance of the plan.

Chair Jung requested a motion regarding acceptance of the one-year plan. Commissioner Hayes made a motion to accept and Commissioner Afendoulis supported. Commission Advisor Raha took a roll call vote, voting in favor were Chair Jung, Commissioners Afendoulis, Boji, Hayes, and Moser, opposed were none; **motion to accept carried.**

## VI. PUBLIC COMMENTS

### **Topic: Michigan Flyer Drop-off Point at Detroit Metro –**

#### ***Gordon Mackay, Indian Trails/Michigan Flyer***

Mr. Mackay said that three years ago Indian Trails entered into a public/private partnership. Detroit Metro Airport is now changing the bus drop-off and pick-up stop; it has been at the International Gate and they want to move it to the Ground Transportation Center (GTC). He has not been aware of any safety issues at the current location. The new area is shared with charter buses and double parking will be required; they will also need to circle around when no spots are available, which will delay travelers.

Chair Jung noted that Detroit Metro Airport is a county airport not under direct state authority. Mr. Mackay stated he felt that everyone should work together to provide smooth/seamless service between transit modes.

#### ***Julie Powers, Executive Director, Mid-Michigan Environmental Action Council (Mid-MEAC)***

Ms. Powers said she was here to represent people who cannot drive in Clinton, Eaton, and Ingham Counties, which is 51% of the population. She expressed concern about safety because of the distance to walk and lack of signs.

#### ***Yanxuan Li, President, MSUwe54 and Chinese International Student Association***

Mr. Li uses Michigan Flyer to pick up 700 to 800 freshmen each year from China, who arrive without cell phone use and limited English knowledge. He feels that finding the new location will be difficult for them.

#### ***Collin Chen, MSUwe54***

Mr. Chen, was in charge of this year's pick up at Detroit Metro. He stated that he did not see any safety issues at the current location, and that the new location will be a long travel for those carrying many pounds of luggage.

#### ***Ody Norkin, citizen and retiree from state service***

Mr. Norkin stated that the GTC was put in place hastily at the end of planning to build the McNamara Terminal. It was to be temporary for hotel and charter bus use. The Wayne

County Airport Authority oversees Detroit Metro, but will not take up this issue at a board meeting.

***Jinka Sun, MSUwe54 and Chinese International Student Association***

Ms. Sun spoke about the frequency of Chinese and other international students travelling via Detroit Metro. She said 100 percent of students fly in and out each year and about 90 percent fly during winter break. She spoke about concern for people walking and waiting outside during Michigan's harsh winters.

***Lei Fan, MSUwe54***

Ms. Fan sees no reason to change the spot. She said that students often travel alone and the bus being straight out from the international exit makes travel easier. She also noted that, like most international travelers, she travels with two large suitcases, a carryon bag, and backpack so a longer walk will be more burdensome.

***Laurel Burchfield, Transportation for Michigan (Trans4M)***

Ms. Burchfield spoke about the difficulty the change will be for those with disabilities. She traveled on Monday via the Michigan Flyer with Paul Palmer, who uses a wheelchair. When they arrived, the bus parked curbside and let them off safely. They then made their way to the new spot; the sidewalk was narrow and the roadside shelter was too small for a person in a wheelchair. Looking at the new bus parking area, they question whether there was space for the wheelchair lift and whether there would be time to use it safely in the second lane.

***Paul Palmer, Developmental Disability Council***

Mr. Palmer feels that the current spot is easier to use, the new spot is not as safe and is congested, and he is concerned about people being exposed to extreme cold in the winter. He urged the commissioners to ask the Detroit airport to reconsider based on safety factors.

***Alexis Schneider, Capital Area Center for Independent Living***

Ms. Schneider is also concerned about safety, especially since wheelchairs take a long time to load. She also noted that there is no area at new space for service dogs to relieve themselves.

***Bryn Williams, Associated Students of MSU and U of M Central Student Government***

Mr. Williams is here as an advocate for 63,000 MSU and U of M students, including 4,000 international students. He noted that many of his concerns were covered. He also said that Governor Snyder has sent a letter to Detroit Metro Airport.

***Liz Treutel, Michigan Environmental Council***

Ms. Treutel noted that many of her comments and concerns were already covered. She does not support the change, and she would like to work with parties involved to find another solution.

***Donna Rose, citizen and American Council of the Blind***

Ms. Rose said that as a person who is blind, she knows that traveling an unfamiliar area is

very difficult and that people with disabilities often feel devalued in society. She frequently travels alone and wants to be assured that she can travel safely. She noted concern about the legality of dropping someone off in the middle of the roadway a great distance from the terminal door. She noted that a seeing-eye dog would not want to venture into traffic and would probably not budge.

***Karla Hudson, citizen***

Ms. Hudson said that as a person who is blind and a mother, she has flown with her young children, and has felt safe at the current location. She is concerned about navigating to the new spot, walking in bus blind spots, and deafening bus noise.

Chair Jung noted that the Commission agrees with the public's concerns. He feels that Northwest Airlines should be responsive to their passengers' needs as well. Director Steudle sent an email to Wayne County Airport Authority while listening to the speakers. The Commission will send an official letter this afternoon to request a suspension of the Monday date and request a public meeting of the airport board. That will give the airport a chance to explain their operational needs and listen to public concerns.

**Topic: HR 4790 – Theresa Orr, Pollinator Habitat, and Dr. Theresa McCarthy, citizen**

Ms. Orr talked about the Highways BEE Act: Highway Bettering the Economy and the Environment Pollinator Protection Act. It is a \$30 million federal grant to promote conservation practices, such as reduced mowing, to provide improved habitat for pollinators, ground nesting birds, and other small wildlife. Dr. McCarthy spoke about the impact of bees and monarch butterflies on our food supply, and our opportunity to lead the project.

Director Steudle noted that this is first time he has heard about this act, he will research it and find out the pluses and minuses of the program.

**Topic: State Fairgrounds – Jim Casha, citizen and Canadian resident**

Mr. Casha also spoke in April with the Commission about use of the Michigan State Fairgrounds property. There are 163 acres of public land in a prime location for transportation and it is about to be sold at a low cost. Mr. Casha asked MDOT to contact the Governor to request suspension of the sale and a public hearing.

**Topic: Transportation Funding and M-1 Rail Trolley – John Lauve, citizen**

Mr. Lauve spoke with the Commission in March about his concerns. He suggested wrong-way signs for highway exits be supplemented with stop signs, white-painted stop lines, and one-way arrows on the pavement because those symbols are more recognizable by people who do not read English or who have been drinking. He then spoke about specific roads and bridges that need repair or expansion to handle traffic flow, rather than spending funds on new projects, specifically the M-1Rail trolley system.

Chair Jung noted that he liked the idea of adding stop signs with the wrong-way signs; and that 98 percent of the budget is used to maintain and preserve our current roads and bridges. Director Steudle noted that the section of I-75 that Mr. Lauve spoke about was a

test section built in 1994 with one direction built to European autobahn standards and the other to MDOT standards, both have performed the same proving there is no need to spend four-times more on construction. Chair Jung and Director Steudle also spoke about the I-96/23 interchange project; it has been in the works long before Governor Snyder took office and MDOT staff has come up with an innovative way to alleviate problems there cheaper than first planned.

VII. **ADJOURNMENT**

With no further business being before the Commission, Chair Jung declared the meeting adjourned at 11:40 a.m.

VIII. **NEXT MEETING**

The next full meeting will be held Thursday, December 4, 2014, in Lansing at the MDOT Aeronautics Building.

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Frank E. Raha, III  
Commission Advisor

REQUEST FOR MICHIGAN STATE TRANSPORTATION  
COMMISSION APPROVAL

December 4, 2014

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

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**CONTRACTS**

**EXCESS PROPERTY**

1. **BUREAU OF DEVELOPMENT (Development Services Division) – Item 2 (Excess Exchange)**

Tract 1355, Control Section 50011, Parcels C-158, C-59, C-60, C61, all Parts A

The subject tract is located in the Township of Sterling, Macomb County, Michigan and contains approximately 4.30 acres. The tract was appraised by independent fee appraiser Michael Rende, on February 7, 2012, in the amount of \$365,000. The appraised tract was approved for exchange by Kelly Ramirez, Supervisor, Program and Property Management Unit, Development Services Division, on October 22, 2014, in the amount of \$365,000. In exchange for conveying the excess property to the Gilson Corporation, the Gilson Corporation will perform services necessary for the reconstruction of the intersection of 16 Mile Road and Van Dyke valued at \$213,645 and including the removal of the “Slip Ramp” from westbound Metro Parkway to northbound M-53, closing of the ramp opening, addition of curb and gutter, and the placement of revised pavement markings. In addition, they will pay MDOT \$151,355, representing the difference in cost between the appraised value and the cost of the demolition and construction work they will perform in conjunction with the elimination of the ramp. The tract was not offered to the local municipalities because it is part of an exchange. The property has been declared excess by the Bureau of Development.

2. **HIGHWAYS (Development Services) – Resolution “B” (Direct Sale)**

Tract 1413, Item 1, Control Section 70114, Parcel 332, Part B

The subject property is located in Robinson Township, Ottawa County, Michigan, and contains approximately 4.04 acres. Market value was estimated by Gerry Lacey, Appraisal Specialist, at \$185,000, based on a review of current local market data provided by local realtors. The property was sold on the open market by a consultant realtor and was approved for sale by Kelly Ramirez, Supervisor, Program and Property Management Unit, Development Services Division, on November 7, 2014. The purchasers, Jeremy A. and Patricia A. Brunetle, have submitted an Application to Purchase and Agreement of Sale in the amount of \$185,000 and have made a deposit of \$1,000 toward the purchase of the property. The property was determined to be excess by the Development Services Division.

3. HIGHWAYS - Participation for State Local Bridge Construction Contract  
Contract (2014-5577) between MDOT and the City of St. Joseph will provide for funding participation in the construction of the following improvements under the State Local Bridge Program:

Rehabilitation work for structure X01 of 11-18-40 (#13185), which carries Park Street over the railroad tracks of CSX Transportation, Inc., Section 23, T4S, R19W, City of St. Joseph, Berrien County, Michigan, including deck overlay, railing patching, partial deck repair, approach, and maintaining traffic work.

Estimated Funds:

State Restricted Trunkline Funds	\$321,500
City of St. Joseph Funds	<u>\$ 16,900</u>
Total Funds	<u>\$338,400</u>

MCS 11018 – 118615A; Berrien County  
Letting of 12/5/2014

4. HIGHWAYS - Participation for State Local Bridge Construction Contract  
Contract (2014-5586) between MDOT and the Van Buren County Road Commission will provide for funding participation in the construction of the following improvements under Section 144 of Title 23 USC and the State Local Bridge Program:

The removal and replacement of structure B01 of 80-03-10 (#10762), which carries 24<sup>th</sup> Avenue over the south branch of the Black River, Section 34, T1S, R15W, Columbia Township, and Section 3, T2S, R15W, Arlington Township, Van Buren County, Michigan; the reconstruction of the approaches to the structure for approximately 182 feet westerly and 182 feet easterly of the structure.

Estimated Funds:

Federal Highway Administration Funds	\$278,535
State Restricted Trunkline Funds	\$ 52,225
Van Buren County Road Commission Funds	<u>\$ 53,240</u>
Total Funds	<u>\$384,000</u>

BRO 80003 - 112374  
Letting of 12/5/2014

5. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2014-5597) between MDOT and the Schoolcraft County Road Commission will provide for participation in the following improvements:

Aggregate surface course work along County Road 436 from approximately 0.5 miles west of the end of the pavement westerly 0.4 miles, including subbase and restoration work.

Estimated Funds:

Federal Highway Administration Funds	\$74,638
Schoolcraft County Road Commission Funds	<u>\$18,659</u>
Total Funds	<u>\$93,297</u>

STL 75153 – 111274A  
Local Force Account

6. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2014-5636) between MDOT and Waterford Township will provide for participation in the following improvements:

Building removal work, including abandoning water well and removing septic tank, located at 4202 Dixie Highway (Highway US-24).

Estimated Funds:

Federal Highway Administration Funds	\$40,000
State Restricted Trunkline Funds	<u>\$10,000</u>
Total Funds	<u>\$50,000</u>

BRN 63053-60256  
Local Construction

7. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (10) Revision (4) under Master Agreement (2007-0185) between MDOT and the Capital Area Transportation Authority (CATA), in Ingham County, will extend the authorization term by one year to provide sufficient time for CATA to complete the automated vehicle locator system project. The project has taken longer than anticipated due to problems with system functionality and the reliability of the data in earlier phases of the project. The original authorization provides state matching funds and toll credits as state match for the FY 2008 Federal Section 5307 Urbanized Area Formula Capital Program grant for the purchase of buses and vans, bus shelters and signage, support vehicles, safety and security equipment, maintenance equipment, preventive maintenance, computer hardware and software, and a vehicle locator system; the purchase and lease payment of large replacement buses; the construction of pedestrian accesses and facility improvements; and planning activities. The revised authorization term will be August 18, 2008, through December 31, 2015. The authorization amount remains unchanged at \$5,741,347. The toll credit amount remains unchanged at \$410,624. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$5,003,702; FY 2008 State Restricted Comprehensive Transportation Funds -\$737,645.

8. PASSENGER TRANSPORTATION - Section 5309 Program/High Priority Project  
Project Authorization (13) Revision (3) under Master Agreement (2007-0185) between MDOT and the Capital Area Transportation Authority (CATA), in Ingham County, will extend the authorization term by one year to provide sufficient time for CATA to complete the automated vehicle locator system project. The project has taken longer than anticipated due to problems with system functionality and the reliability of the data in earlier phases of the project. The original authorization provided toll credits as state match for the FY 2008 Federal Section 5309 Capital Discretionary Program and High Priority Project grant for the purchase of a vehicle locator system and related Intelligent Transportation System equipment. The revised authorization term will be July 22, 2008, through December 31, 2015. The authorization amount remains unchanged at \$950,000. The toll credit amount remains unchanged at \$190,000. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$950,000.
  
9. PASSENGER TRANSPORTATION - Section 5309 Program  
Project Authorization (17) Revision (2) under Master Agreement (2007-0231) between MDOT and the City of Ionia will extend the authorization term by six months to provide sufficient time for the City to complete the last facility improvement project. The project was delayed because the City received an insufficient number of responses to its Request for Quotations, but a vendor has been selected and the project is moving forward. The original authorization provides state matching funds for the City's FY 2010 Federal Section 5309 Capital Discretionary Program grant for facility improvements. The revised authorization term will be April 15, 2011, through April 1, 2015. The authorization amount remains unchanged at \$125,000. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$100,000; FY 2010 State Restricted Comprehensive Transportation Funds - \$25,000.
  
10. PASSENGER TRANSPORTATION - Section 5307 Program/STP Program  
Project Authorization (23) Revision (3) under Master Agreement (2007-0254) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will extend the authorization term by 18 months to provide sufficient time for MTA to complete the construction of a new service center in Davison. The project has been further delayed pending National Environmental Policy Act approval. The original authorization provides state matching funds for the FY 2009 Federal Section 5307 Urbanized Area Formula Capital Program and Surface Transportation Program (STP) grant. The revised authorization term will be August 28, 2009, through August 27, 2016. The authorization amount remains unchanged at \$1,421,061. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$1,136,849; FY 2002 and FY 2003 State Restricted Comprehensive Transportation Funds - \$284,212.

11. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (7) Revision (5) under Master Agreement (2007-0268) between MDOT and the City of Niles will retroactively extend the authorization term by one year to provide sufficient time for the City to complete the facility renovation projects. Review of the project changes by the City and the Federal Transit Administration (FTA) took longer than anticipated, which caused delays in the implementation of the facility projects. The original authorization provides state matching funds for the City's FY 2009 Federal Section 5307 Urbanized Area Formula Capital Program grant for the purchase of revenue vehicles, and equipment for vehicle rehabilitation and maintenance, and for facility renovation. The revised authorization term will be from August 17, 2009, through August 16, 2012, and from January 28, 2013, through September 30, 2015. The authorization amount remains unchanged at \$440,409. The toll credit amount remains unchanged at \$49,400. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: FTA Funds - \$400,000; FY 2003, FY 2009, and FY 2010 State Restricted Comprehensive Transportation Funds - \$38,250; City of Niles Funds - \$2,159.
12. PASSENGER TRANSPORTATION - Service Initiatives Program  
Project Authorization (22) under Master Agreement (2012-0030) between MDOT and the ALTRAN Transit Authority, in Alger County, will provide state Service Initiatives funding to assist with the repayment of a bank loan. The loan must be repaid for the Authority to comply with Public Act 34 of 2001, The Revised Municipal Finance Act. The authorization will be in effect from the date of award through three months. The authorization amount will be \$145,000. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: FY 2015 State Restricted Comprehensive Transportation Funds - \$145,000.
13. PASSENGER TRANSPORTATION - Section 3037 Program  
Project Authorization (14) under Master Agreement (2012-0072) between MDOT and the City of Detroit will provide state matching funds for the FY 2004 Section 3037 Job Access/Reverse Commute Program grant for operating assistance for Detroit Job Access Reverse Commute and Downriver Community Job Access projects. The authorization will be in effect from the date of award through one year. The authorization amount will be \$462,658. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$231,329; FY 2015 State Restricted Comprehensive Transportation Funds - \$231,329.
14. PASSENGER TRANSPORTATION - Section 3037 Program  
Project Authorization (15) under Master Agreement (2012-0072) between MDOT and the City of Detroit will provide state matching funds for the FY 2005 Section 3037 Job Access/Reverse Commute Program grant for operating assistance for Detroit Job Access operating and communications equipment and outreach. The authorization will be in effect from the date of award through one year. The authorization amount will be \$825,988. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$412,994; FY 2015 State Restricted Comprehensive Transportation Funds - \$412,994.

15. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (4) Revision (3) under Master Agreement (2012-0073) between MDOT and the Detroit Transportation Corporation will add a line item for the purchase of signage and will adjust the funding between line items. The revision is requested to provide for the purchase of signage that will provide for better public communication as to train and station status. The original authorization provides state matching funds for the FY 2013 and FY 2014 Federal Section 5307 Urbanized Area Formula Capital Program grant for infrastructure and equipment upgrades to the People Mover. The authorization term remains unchanged, August 30, 2013, through August 29, 2018. The authorization amount remains unchanged at \$1,029,068. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds- \$823,254; FY 2013 and FY 2014 State Restricted Comprehensive Transportation Funds - \$205,814.
  
16. PASSENGER TRANSPORTATION – Service Initiatives Program  
Project Authorization (11) Revision (1) under Master Agreement (2012-0133) between MDOT and the Michigan Public Transit Association (MPTA), in East Lansing, will add a line item for Passenger Service and Safety (PASS) training and recertification and will adjust the funding between line items. The training is being added because additional subrecipients need to be trained and recertified to be in compliance with Americans with Disabilities Act regulations. The original authorization provides state funds under MDOT's FY 2014 Service Initiatives Program for implementation, including training, of the safety and asset management requirements in the new federal legislation. The authorization term remains unchanged, August 15, 2014, through August 14, 2017. The authorization amount remains unchanged at \$125,000. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: FY 2014 State Restricted Comprehensive Transportation Funds - \$125,000.
  
17. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (4) Revision (1) under Master Agreement (2012-0152) between MDOT and Pioneer Resources, in Muskegon County, will add line items for buses and passenger cars, will adjust the funding between line items, and will extend the authorization term by two years to provide sufficient time for the Agency to complete the projects. The types and sizes of vehicles purchased were changed to better fit the Agency's purpose and fleet needs. As a result, the vehicles cost less than was anticipated and the Agency is requesting permission to purchase additional needed vehicles. The original authorization provides state matching funds under the FY 2006 and FY 2012 Federal Section 5310 Elderly and Persons with Disabilities Program grant for the purchase of vehicles. The revised authorization term will be September 7, 2012, through September 6, 2017. The authorization amount remains unchanged at \$1,852,632. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$1,482,106; FY 2002 and FY 2013 State Restricted Comprehensive Transportation Funds - \$370,526.

18. PASSENGER TRANSPORTATION - Section 5316 Job Access and Reverse Commute Program  
Project Authorization (7) Revision (2) under Master Agreement (2012-0173) between MDOT and Twin Cities Area Transportation Authority (TCATA), in Berrien County, will extend the authorization term by one year. The project was delayed pending the receipt of additional funding under Revision (1). The extension is needed for TCATA to continue to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The original authorization provided state matching funds for the FY 2014 Federal Section 5316 Job Access and Reverse Commute Program grant for operating assistance. The revised authorization term will be October 1, 2013, through September 30, 2015. The authorization amount remains unchanged at \$386,040. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$93,782; FY 2014 State Restricted Comprehensive Transportation Funds - \$292,258.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 17, 2014.

Respectfully submitted,

*Original signed*

Kirk T. Steudle  
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION  
COMMISSION APPROVAL

December 4, 2014

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

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**CONTRACTS**

1. PASSENGER TRANSPORTATION - Marine Capital  
Project Authorization (5) under Master Agreement (2012-0043) between MDOT and the Beaver Island Transportation Authority (BITA) will provide 90 percent state marine capital funds for improvements to the Beaver Island Ferry System, which provides marine passenger service between Charlevoix and Beaver Island. Project items will include the purchase of a propeller shaft, repowering the vessel, and the conduct of an engineering study for dock repairs. The authorization will be in effect from the date of award through three years. The authorization amount will be \$222,222. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: FY 2015 State Restricted Comprehensive Transportation Funds - \$200,000; BITA Funds - \$22,222.
  
2. PASSENGER TRANSPORTATION - Marine Capital  
Project Authorization (19) under Master Agreement (2012-0077) between MDOT and the Eastern Upper Peninsula Transit Authority (EUPTA), in Chippewa County, will provide 90 percent state marine capital funds for vessel system upgrades to the St. Mary’s River Ferry System which provides marine passenger service between Sault Ste. Marie and Sugar Island, between Barbeau and Neebish Island, and between DeTour and Drummond Island. Project items will include the purchase of a replacement generator for the Drummond Islander IV and maintenance tools; dock repainting; and replacement of engine, transmission, and electronic controls. The authorization will be in effect from the date of award through three years. The authorization amount will be \$222,222. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: FY 2015 State Restricted Comprehensive Transportation Funds - \$200,000; EUPTA Funds - \$22,222.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director’s delegation memorandum of June 17, 2014.

Respectfully submitted,

*Signed Original on File*

Kirk T. Steudle  
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION  
COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

December 4, 2014

The following contracts are being submitted for approval.

**STATE PROJECTS**

- |    |   |   |
|----|---|---|
| 1. | Letting Of December 5, 2014<br>Letting Call: 1412 001<br>Project: NH 50011-80920, ETC<br>Local Agreement: 14-5576<br>Start Date: 7 days after award<br>Completion Date: September 30, 2017  | Prequalification Level:<br><b>\$30,905,000.00</b> |
|    | 4.82 mi of road reconstruction, concrete surfacing, hot mix asphalt cold milling and resurfacing, drainage, curb, gutter, sidewalk, ramps and drive approaches, signal modernization, signing, and pavement markings on M-53 from Red Run Drain north to 18 Mile Road in the cities of Sterling Heights and Warren, Macomb County. This project includes a 3 year and a 5 year materials and workmanship pavement warranty. |   |
|    | 8.00 % DBE participation required   |   |
| 2. | Letting Of December 5, 2014<br>Letting Call: 1412 013<br>Project: ST 52042-110447, ETC<br>Local Agreement: 14-5474<br>Start Date: 10 days after award<br>Completion Date: August 28, 2015   | Prequalification Level:<br><b>\$2,760,000.00</b>  |
|    | 1.11 mi of hot mix asphalt resurfacing, shoulder widening, concrete curb and gutter, and drainage on US-41 from Furnace Street southeasterly to just east of the Carp River bridge (B02 of 52042) and partial deck, bridge rail and expansion joint replacement on B02 of 52042 in the city of Marquette, Marquette County. This project includes a 5 year materials and workmanship pavement warranty.                     |   |
|    | 4.00 % DBE participation required   |   |

3. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 014 **\$1,916,000.00**  
Project: HSIP 73062-113508, ETC  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: July 31, 2015

0.90 mi of removal of existing median crossovers, construct indirect left turn lanes, drainage, deep concrete overlay, deck patching, deck drain repairs, structural steel repair, painting, pins and hangers, substructure repair, slope restoration and approaches on M-46 from west of Leddy Road to east of Kennely Road and on B01-3 of 73062 Eastbound M-46 over Swan Creek and B01-4 of 73062 Westbound M-46 over Swan Creek, Saginaw County.

4.00 % DBE participation required

4. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 015 **\$3,198,000.00**  
Project: IMG 84913-113334  
Local Agreement:  
Start Date: May 1, 2015  
Completion Date: October 26, 2015

56.03 mi of freeway signing upgrades on I-96 from Ottawa County Line easterly to the Clinton County Line in the cities of Walker, Grand Rapids, Kentwood and Portland, Kent and Ionia Counties.

0.00 % DBE participation required

5. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 016 **\$3,295,000.00**  
Project: ST 82291-118061-2  
Local Agreement: 14-5442  
Start Date: 10 days after award  
Completion Date: December 1, 2015

6.58 mi of hot mix asphalt shared-use path, retaining wall, concrete curb, gutter, sidewalk and ramps, signing and pavement marking on I-275 Metro Trail from the Huron River bridge (N03 of 82291) to south of I-94 in the city of Romulus, Wayne County.

6.00 % DBE participation required

6. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 017 **\$11,760,000.00**  
Project: NH 61151-105719  
Local Agreement: 14-5579  
Start Date: March 15, 2015  
Completion Date: June 6, 2016

5.43 mi of hot mix asphalt cold milling, resurfacing, curb, gutter, sidewalk and ramps, drainage, bridge epoxy overlay, patching and pavement marking on US-31 BR from US-31 north over the Little Black Creek to Shoreline Drive in the cities of Norton Shores, Muskegon Heights, and Muskegon, Muskegon County.

4.00 % DBE participation required

7. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 018 **\$2,885,000.00**  
Project: NH 03112-73748  
Local Agreement:  
Start Date: February 9, 2015  
Completion Date: July 2, 2015

Bridge removal and replacement with a prestressed box beam, mechanically stabilized retaining wall and approach work on US-131 under M-222, Allegan County.

5.00 % DBE participation required

8. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 019 **\$2,869,000.00**  
Project: IM 80023-108709  
Local Agreement:  
Start Date: March 2, 2015  
Completion Date:  
June 3, 2016

Shallow overlays, replace deck joints, beam and substructure repairs and approach work on I-94 at several structures, Van Buren and Berrien Counties. This project includes a 5 year materials and workmanship pavement warranty.

5.00 % DBE participation required

9. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 021 **\$1,258,000.00**  
Project: STT 16033-115777  
Local Agreement:  
Start Date: March 30, 2015  
Completion Date:  
July 31, 2015

Bridge removal and replacement with a prestressed concrete deck, watermain replacement and approach work on US-23 over Little Black River in the city of Cheboygan, Cheboygan County.

5.00 % DBE participation required

10. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 030 **\$1,139,000.00**  
Project: PRIP 65051-120333, ETC  
Local Agreement:  
Start Date: June 1, 2015  
Completion Date: August 31, 2015

17.75 mi of hot mix asphalt overband crack filling, single-course chip sealing, fog sealing, and pavement marking on M-33 from north of I-75 southbound ramps to south of M-55, from north of Engle Road to north of Houghton Creek Road, and from north of Oyster Road to north of Borden Road, Arenac and Ogemaw Counties. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

11. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 031 **\$8,536,000.00**  
Project: ST 23071-105939  
Local Agreement:  
Start Date: April 1, 2015  
Completion Date: September 19, 2017

Replacement of 3 bridges and approach work on M-100 over the Canadian National/Grand Trunk Western Railroad, Thornapple Drain, and Sharp Drain in the city of Potterville, Eaton County.

6.00 % DBE participation required

12. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 032 **\$4,224,000.00**  
Project: ST 78042-103154  
Local Agreement: 14-5582  
Start Date: 7 days after award  
Completion Date: December 31, 2017

1.10 mi of full-depth hot mix asphalt reconstruction, drainage, concrete sidewalk, watermain, permanent signing, and pavement markings on M-60 from Mendon Parkway to Congress Street in the village of Mendon, St. Joseph County. This project contains two 5 year materials and workmanship pavement warranties.

6.00 % DBE participation required

13. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 033 **\$1,167,000.00**  
Project: HSIP 56032-113513  
Local Agreement: 14-5438  
Start Date: 10 days after award  
Completion Date: September 19, 2017

0.22 mi of hot mix asphalt reconstruction including construction of a roundabout on M-30 at the westbound US-10 entrance and exit ramps in the village of Sanford, Midland County. This project includes a 5 year materials and workmanship pavement warranty.

4.00 % DBE participation required

14. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 034 **\$659,000.00**  
Project: ST 82051-111439  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: November 10, 2015

Pump station rehabilitation removal and replacement of noted mechanical and electrical components and miscellaneous structure upgrades and repairs on US-24 at the CN railroad structure in the city of Flat Rock, Wayne County.

0.00 % DBE participation required

15. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 036 **\$1,080,000.00**  
Project: IM 13074-118499  
Local Agreement:  
Start Date: April 20, 2015  
Completion Date: August 21, 2015

Concrete deep overlay, full-depth patch, thrie beam retrofit, beam repair, full painting, pin and hanger replacement, and approach work on I-69 under L Drive North, Calhoun County.

3.00 % DBE participation required

16. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 037 **\$1,015,000.00**  
Project: IMG 84914-115126  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: August 15, 2015

Installation of 14 cantilevers, permanent freeway signing, bridge sign connections and one cantilever removal on I-69 from Center Road east to Irish Road, on I-75/US-23 from M-54/M-83 north to M-84, and on M-83 from Evergreen Road north to Eischer Road in the city of Burton and village of Birch Run, Bay, Genesee, and Saginaw Counties.

0.00 % DBE participation required

17. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 038 **\$834,000.00**  
Project: IM 13082-124114  
Local Agreement:  
Start Date: May 4, 2015  
Completion Date: May 22, 2015

1.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, and pavement markings on I-94 and the ramps at M-311 (11 Mile Road), Calhoun County. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

18. Letting Of December 5, 2014  
Letting Call: 1412 039  
Project: NH 33045-118469  
Local Agreement:  
Start Date: April 15, 2015  
Completion Date: September 20, 2015
- Prequalification Level:  
**\$775,000.00**

0.23 mi of hot mix asphalt shoulder upgrades, reconstruction of approach roadway, slope paving repairs, bridge rehabilitation, epoxy overlay, concrete surface coating, deck patching, resealing construction joints, replacement of pin, hanger and joint, structural steel cleaning and coating, repair slab fascia, barrier, brushblock, structural steel, and substructure on I-496 eastbound ramp to I-96 eastbound, on I-496 westbound/US-127 northbound over I-496 eastbound ramp to I-96 eastbound, and on US-127 southbound over I-96 eastbound, Ingham County. This project includes a 2 year bridge painting warranty.

4.00 % DBE participation required

19. Letting Of December 5, 2014  
Letting Call: 1412 040  
Project: ST 74022-110929  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: October 1, 2015
- Prequalification Level:  
**\$512,000.00**

Bridge rehabilitation, deck replacement, and widening including addition of beams, full cleaning and coating of structural steel, articulating concrete block system, abutment repair, and approach work on M-90 over Potts Drain, Sanilac County. This project includes a 2 year bridge painting warranty.

3.00 % DBE participation required

20. Letting Of December 5, 2014  
Letting Call: 1412 041  
Project: ST 78042-123336  
Local Agreement:  
Start Date: October 19, 2015  
Completion Date: November 14, 2015
- Prequalification Level:  
**\$1,925,000.00**

10.06 mi of hot mix asphalt cold milling with one-course overlay, guardrail replacement, and pavement markings on M-60 from Hoffman Street easterly to Mendon Parkway in the city of Three Rivers and village of Mendon, St. Joseph County. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

21. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 042 **\$1,506,000.00**  
Project: RRRF 70063-118902-2  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: June 27, 2016

Bridge rehabilitation including epoxy deck overlay, deck patching, substructure repair, deck drain extensions, slope and structural steel repair, partial painting, placement of riprap and of articulating concrete block system, and minor approach work on I-96 at 8 locations, Ottawa County.

0.00 % DBE participation required

22. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 043 **\$1,429,000.00**  
Project: ST 31011-124067  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: July 31, 2015

20.81 mi of hot mix asphalt double chip seal, gravel shoulders, concrete curb, gutter, sidewalk and ramps, and pavement marking on M-26 from US-45 north to Twin Lakes Road, Ontonagon and Houghton Counties. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

23. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 044 **\$1,712,000.00**  
Project: NH 66021-124052  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: July 31, 2015

23.79 mi of double chip seal, gravel shoulders, sidewalk ramp upgrading, and permanent pavement markings on M-28 from Tula to Bergland, from Ewen to Bruce Crossing, and from Sidnaw to the Houghton County line, Ontonagon and Houghton Counties. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

24. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 045 **\$595,000.00**  
Project: IMG 82023-113328  
Local Agreement:  
Start Date: 7 days after award  
Completion Date: September 30, 2015

3.55 mi of freeway signing on I-94 from Wyoming Avenue to Grand River Avenue in the city of Detroit, Wayne County.

0.00 % DBE participation required

25. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 048 **\$1,372,000.00**  
Project: TAL 84912-122187  
Local Agreement: 14-5508  
Start Date: 10 days after award  
Completion Date: August 27, 2015

22.41 mi of shared-use path, crushed aggregate, realignment, drainage, and access control on the Northwestern State Trail from Chicago Street northerly to Trails End Road through the villages of Alanson, Brutus, and Pellston, Emmet County.

2.00 % DBE participation required

26. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 049 **\$676,000.00**  
Project: IM 82251-118889  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: October 15, 2015

Deck and substructure patching, epoxy overlay, structural steel repairs, bearing replacement, partial cleaning and coating of structural steel, and joint replacement on I-94 West South Ramp over I-75 and on I-75 Southwest Ramp over North Service Road, Wayne County.

0.00 % DBE participation required

27. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 050 **\$530,000.00**  
Project: NH 82191-115443  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: September 19, 2017

0.66 mi of sound wall rehabilitation including cap, panel, resealing, and aesthetic repairs on I-75 southbound from Huron River Drive to Woodruff Road in the city of Rockwood, Wayne County.

0.00 % DBE participation required

28. Letting Of December 5, 2014 Prequalification Level:  
Letting Call: 1412 051 **\$67,940,000.00**  
Project: BHI 47064-112877-3, ETC  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: October 31, 2018

2.35 mi of mainline, collector distributor and ramp pavement reconstruction, new bridge construction, bridge reconstruction and rehabilitation, drainage and safety improvements, temporary signal work, and cold milling and resurfacing on I-96 from Spencer Road to west of Pleasant Valley Road, Livingston County. This project includes a 5 year materials and workmanship pavement warranty. Alternate 1 is concrete road work and includes an additional 5 year materials and workmanship pavement warranty and Alternate 2 is hot mix asphalt road work and includes an additional 5 year materials and workmanship pavement warranty.

5.00 % DBE participation required

29. Letting Of December 5, 2014 Prequalification Level:  
**\$1,838,000.00**  
 Letting Call: 1412 052  
 Project: HSIP 81076-113557  
 Local Agreement:  
 Start Date: April 15, 2015  
 Completion Date: August 1, 2016
- 9.53 mi of median cable barrier with slope flattening and guardrail on US-23 from the Monroe/Washtenaw county line north to 1-94, Washtenaw County.
- 4.00% DBE participation required
30. Letting Of December 17, 2014 Prequalification Level:  
**\$6,523,000.00**  
 Letting Call: 1412 701  
 Project: RRRF 56051-123046-2  
 Local Agreement: 14-5537  
 Start Date: 10 days after award  
 Completion Date: March 25, 2016
- 1.82 mi of hot mix asphalt reconstruction, curb and gutter, watermain, sanitary sewer, cold milling and resurfacing, joint repairs, and sidewalk on US-10BR from M-20 (Jerome Street) northerly to north of Saginaw Street in the city of Midland, Midland County. This is a Design-Build contract containing a 5 year and a 3 year materials and workmanship pavement warranty.
- 0.00 % DBE participation required
31. Letting Of December 17, 2014 Prequalification Level:  
**\$9,668,000.00**  
 Letting Call: 1412 702  
 Project: IM 09034-122868  
 Local Agreement:  
 Start Date: 10 days after award  
 Completion Date: May 27, 2016
- Design build Project: Bridge replacement of S05-3 and S05-4 of 09034, including bridge approaches from gore to gore of the loop ramps, maintenance of traffic, permanent signing, landscaping and aesthetics. This project includes a five year materials and workmanship pavement warranty.
- 3.00 % DBE participation required

### **LOCAL PROJECTS**

32. Letting Of December 5, 2014 Prequalification Level:  
**\$1,499,000.00**  
 Letting Call: 1412 003  
 Project: STU 33400-112244  
 Local Agreement: 14-5558  
 Start Date: 10 days after award  
 Completion Date: October 12, 2015
- 1.00 mi of hot mix asphalt cold milling, crushing, shaping and repaving, concrete curb, gutter, driveway, sidewalk and ramps, aggregate base, drainage, pavement markings and slope restoration on Lake Lansing Road from East Saginaw Highway (I-69BR) east to Lac Du Mont Drive, Ingham County.
- 5.00 % DBE participation required

33. Letting Of December 5, 2014 Prequalification Level:  
**\$508,000.00**  
 Letting Call: 1412 004  
 Project: TAU 41401-122963-2  
 Local Agreement: 14-5445  
 Start Date: 10 days after award  
 Completion Date: October 1, 2017
- 0.39 mi of hot mix asphalt shared-use path, concrete curb, gutter, sidewalk and ramps, pedestrian bridge, retaining wall, signing, and fencing on Joyce Street from Cannonsburg Road north to Townsend Park, Kent County.
- 3.00 % DBE participation required
34. Letting Of December 5, 2014 Prequalification Level:  
**\$642,000.00**  
 Letting Call: 1412 006  
 Project: FLH 21012-124258  
 Local Agreement: 14-5531  
 Start Date: 10 days after award  
 Completion Date: September 1, 2015
- 0.71 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, bridge rehabilitation with hydrodemolition, concrete deck overlay, concrete patching, bridge railing, joints, guardrail, and pavement markings on Federal Forest Highway 13 over the Sturgeon River, Delta County.
- 0.00 % DBE participation required
35. Letting Of December 5, 2014 Prequalification Level:  
**\$618,000.00**  
 Letting Call: 1412 010  
 Project: TAU 25402-123738  
 Local Agreement: 14-5559  
 Start Date: 10 days after award  
 Completion Date: September 25, 2015
- 1.58 mi of hot mix asphalt shared-use path, concrete curb, gutter, sidewalk and block retaining wall, grading, aggregate base, pedestrian road crossing improvements, and pavement markings on Genesee Valley Trail from Corunna Road (M-21) northeasterly to Chevrolet Avenue in the city of Flint, Genesee County.
- 5.00 % DBE participation required
36. Letting Of December 5, 2014 Prequalification Level:  
**\$604,000.00**  
 Letting Call: 1412 023  
 Project: STL 73145-119172  
 Local Agreement: 14-5566  
 Start Date: June 16, 2015  
 Completion Date: September 18, 2015
- 1.06 mi of hot mix asphalt base crushing, shaping, and resurfacing, trenching, ditching, signing, and pavement markings on Marion Road from Meridian Road easterly to Fenmore Road, Saginaw County.
- 5.00 % DBE participation required

37. Letting Of December 5, 2014  
Letting Call: 1412 026  
Project: STH 64609-119592-2  
Local Agreement: 14-5230  
Start Date: 10 days after award  
Completion Date: July 17, 2015

Prequalification Level:  
**\$565,000.00**

0.80 mi of hot mix asphalt crushing, shaping, resurfacing, and curb, lane widening, paving shoulders, culverts, guardrail, clearing, and pavement markings on 192nd Avenue from north of Warren Road north to Scout Road, Oceana County.

6.00 % DBE participation required

38. Letting Of December 5, 2014  
Letting Call: 1412 027  
Project: STU 63459-125135  
Local Agreement: 14-5572  
Start Date: 10 days after award  
Completion Date: June 15, 2016

Prequalification Level:  
**\$3,292,000.00**

1.19 mi of hot mix asphalt removal, cold milling, and resurfacing, concrete pavement, curb, gutter, spillway, sidewalk and ramps, aggregate base, drainage, sewer, signals, and pavement markings on Haggerty Road from Pontiac Trail Road north to Richardson Road, Oakland County.

6.00 % DBE participation required

39. Letting Of December 5, 2014  
Letting Call: 1412 028  
Project: TAU 50458-121681-2  
Local Agreement: 14-5415  
Start Date: 10 days after award  
Completion Date: September 19, 2017

Prequalification Level:  
**\$513,000.00**

2.40 mi of concrete pavement, curb, gutter, header strip, sidewalk and ramps, and pavement markings on Outer Drive from Conner Street west to Van Dyke Avenue and on Van Dyke Avenue from Outer Drive north to Stephens Road in the cities of Detroit, Warren and Center Line, Macomb and Wayne Counties.

4.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 17, 2014.

Respectfully submitted,

*Signed Original on File*

Kirk T. Steudle  
Director

## **LETTING STATISTICS**

NOVEMBER 2014

### **STATE PROJECTS OVERVIEW**

The November 7 and 12, 2014, Bid Lettings, included 25 State trunkline projects with \$36.5 million in engineer estimates. The low bids received totaled \$42.9 million. The average low bid was \$1.72 million and the median of \$909.6 thousand. Two Design|Build projects advertised in a special letting scheduled for November 19 were postponed and will re-advertise in the December 17, 2014, Special Bid Letting. In comparing State projects with the November 2013, Bid Lettings, 27 State projects with \$88.6 million in engineer estimates and a low bid total of \$85.3 million were let.

Of the 25 State projects let in November of 2014, 12 included warranties with \$18.4 million as the low bid total. The 25 State projects received 74 bids.

For fiscal year to date, 31 State projects have been let with the low bid total of \$117.6 million. Compared to the same period last year, 42 State projects were let with a low bid total of \$106.3 million.

### **PROJECTS BID SUMMARY**

The total number of bids received for the 52 projects let in November 2014, was 200 for an average of 3.85 bids per project.

There were two projects postponed from the November 19, bid letting and currently, all bids were rejected for three Local projects.

Of the 100 contracting companies eligible to bid for the November lettings, 81 submitted at least one bid.

### **JOB PROJECTIONS**

Anticipated to be let during FY 2015 are 276 State jobs with a construction cost estimate total of \$691.2 million.

For fiscal year to date, 100.0% of State jobs anticipated for this period have been let using 97.1% of the projected cost estimates. For this same period last year, 96.6% of State jobs were let using 79.4% of the projected construction costs.

### **UPCOMING LETTING STATS**

The **December 5, 2014**, Bid Letting is advertising 34 State projects with an engineer estimate total of \$161.2 million. Of the 34 State projects, 13 include warranties with total estimates of \$117.8 million. In addition, 18 Local area program projects are advertised with a total of \$10.7 million in engineer estimates and one Aeronautics project is advertised with an engineer estimate of \$187.1 thousand.

A Special Letting scheduled for **December 17, 2014** is currently advertising four Design|Build State projects with the engineer's estimate total of \$50.0 million. The four Design|Build projects advertised for December 17 include warranties.

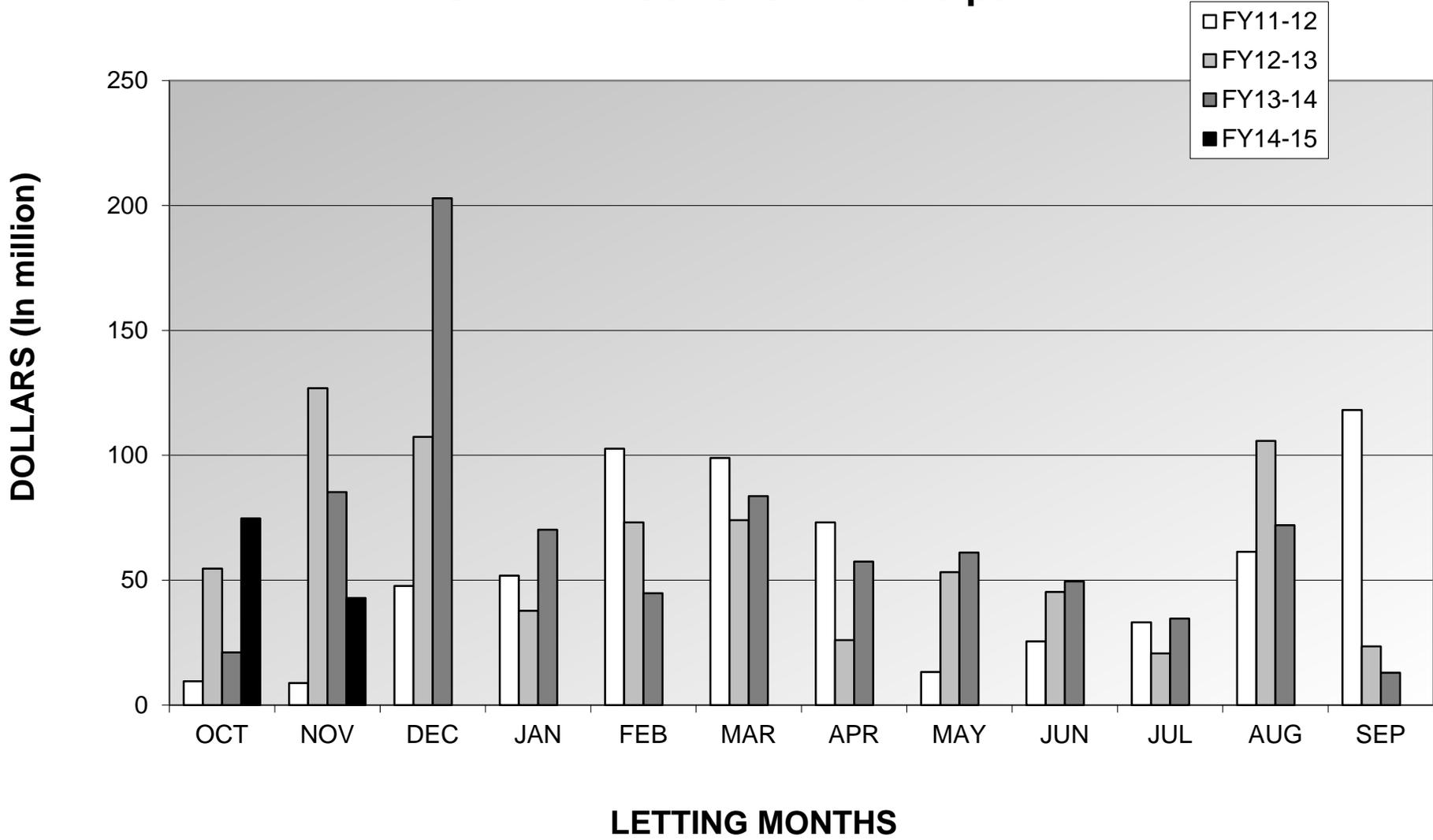
## SUMMARY OF NOVEMBER 7 and 12, 2014, BID LETTINGS

STATISTICS	PROJECT AREA				
	STATE	LOCAL	AERO	FREIGHT SERVICES	TOTALS
<b>Project Report</b>					
Number of Projects Let	25	26	1	0	52
Engineer Estimates of Projects Let	\$36,472,423.73	\$18,307,109.80	\$119,500.00	\$0.00	\$54,899,033.53
<b>Low Bid Report</b>					
Low Bid Totals	\$42,898,695.03	\$18,563,408.50	\$103,050.00	\$0.00	\$61,565,153.53
% over/under eng. est. of projects let	17.62%	1.40%	-13.77%	0.00%	12.14%
<b>All Bid Rejection Report</b>					
All Bid Rejection(s)	0	1	0	0	1
All Bid Rejection(s) Engineer's Estimate	\$0.00	\$480,040.82	\$0.00	\$0.00	\$480,040.82
All Bid Rejection(s) Low Bid Amount	\$0.00	\$565,602.73	\$0.00	\$0.00	\$565,602.73
% over/under eng. est. of projects all bids rejected	0.00%	17.82%	0.00%	0.00%	17.82%
<b>TBA Report - Low Bids Pending</b>					
Number of TBAs	8	5	0	0	13
Engineer Estimates	\$12,343,934.84	\$2,410,371.52	\$0.00	\$0.00	\$14,754,306.36
Low Bid Amounts	\$15,193,022.95	\$3,283,621.01	\$0.00	\$0.00	\$18,476,643.96
% over/under engineer's estimate of TBA items	23.08%	36.23%	0.00%	0.00%	25.23%
<b>Bidder (Bids) Report</b>					
Number of Bids Received	74	123	3	0	200
Average # of Bidders per Project	2.96	4.73	3.00	0.00	3.85

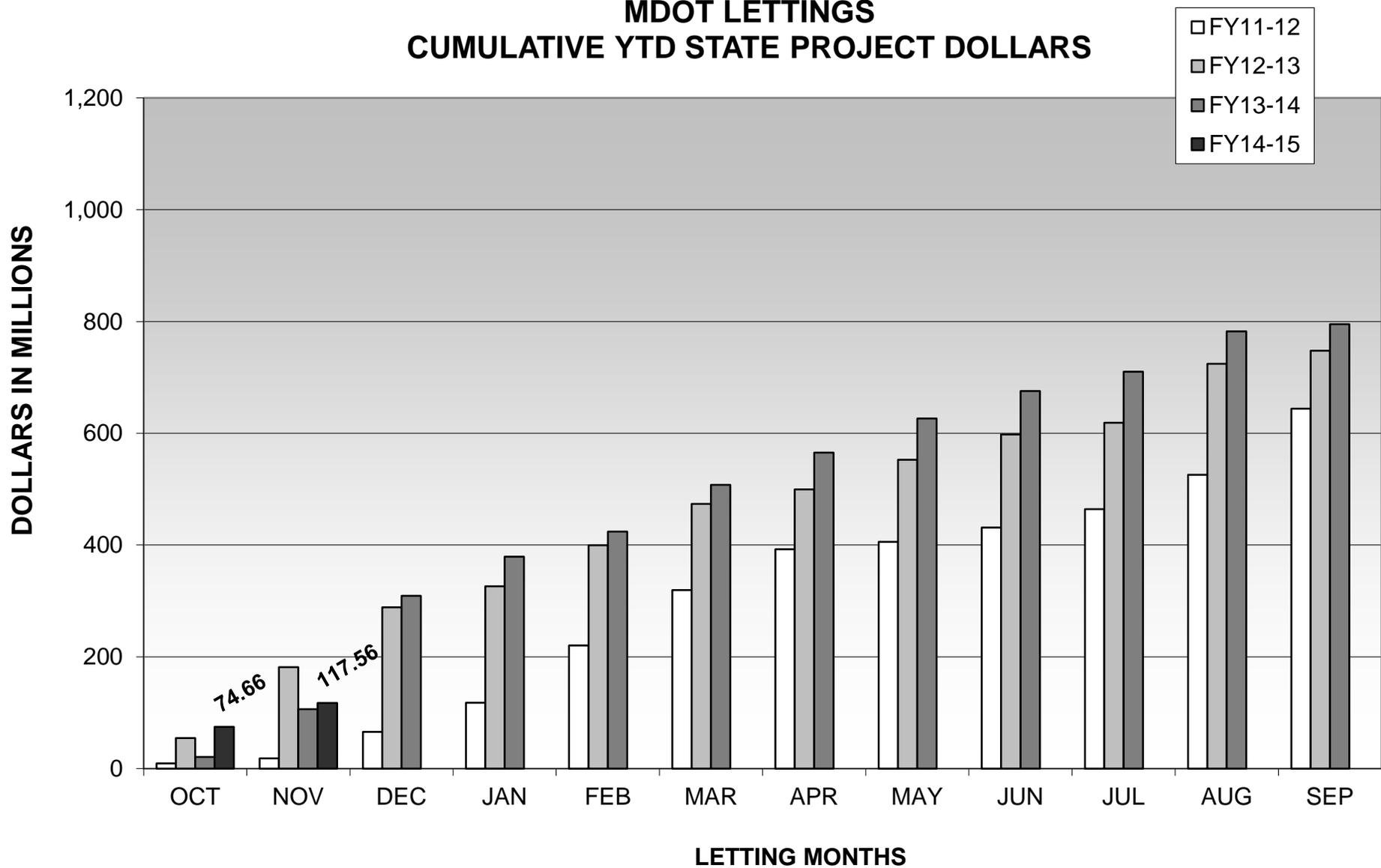
### UPCOMING LETTING PROJECTIONS:

	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
<b>December 5, 2014, Bid Letting</b>					
# of proj. advertised	34	18	1	0	53
# of projects with warranties	13	0	0	0	13
\$ Eng. Est. of projects advertised (In million)	\$161.2	\$10.7	\$0.2	\$0.0	\$172.1
\$ Eng. Est. of warranty projects (In million)	\$117.8	\$0.0	\$0.0	\$0.0	\$117.8
<b>December 17, 2014, Special Bid Letting</b>					
# of proj. advertised	4	0	0	0	4
# of projects with warranties	4	0	0	0	4
\$ Eng. Est. of projects advertised (In million)	\$50.0	\$0.0	\$0.0	\$0.0	\$50.0
\$ Eng. Est. of warranty projects (In million)	\$50.0	\$0.0	\$0.0	\$0.0	\$50.0

# MDOT LETTINGS STATE PROJECTS - Dollars per month



## MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



**AVERAGE NUMBER OF BIDDERS**  
NOVEMBER 2012 through NOVEMBER 2014



## PROJECTS BY NUMBER OF BIDS PER REGION

NOVEMBER 7 and 12, 2014, BID LETTINGS

REGION	NO BIDS RECEIVED	PROJECTS 1 BID	PROJECTS 2 BIDS	PROJECTS 3 BIDS	PROJECTS 4 BIDS	PROJECTS 5 BIDS	PROJECTS 6 BIDS	PROJECTS 7 BIDS	PROJECTS 8 BIDS	PROJECTS 9 BIDS	PROJECTS =>10 BIDS	TOTALS BY REGION
BAY					3			1			1	5
GRAND		1	5	3	2	2			1			14
METRO				4			1					5
NORTH			1	2								3
SOUTHWEST			6	1		1			2			10
SUPERIOR			4	1	3		1					9
UNIVERSITY			1		1	1			1		1	5
AERO				1								1
NUMBER OF BIDS ON PROJECTS	0	1	17	12	9	4	2	1	4	0	2	Total 52



**LETTING STATISTICS - LOW BID AMOUNTS (IN \$MILLION)**

DATE	STATE (Incl. Real Estate)				LOCAL				AERO				RAILROAD				TOTALS			
	#Let	Totl #	\$Let	YTD\$	#Let	Totl #	\$ Let	YTD\$	#Let	Totl #	\$ Let	YTD\$	#Let	Totl #	\$ Let	YTD\$	#Let	Totl #	\$ Let	YTD\$
Oct 12	22	22	54.6	54.6	20	20	9.4	9.4	1	1	0.1	0.1	0	0	0.0	0.0	43	43	64.0	64.0
Nov 12	34	56	126.8	181.4	28	48	20.3	29.7	1	2	0.04	0.1	0	0	0.0	0.0	63	106	147.1	211.2
Dec 12	23	79	107.3	288.7	26	74	20.6	50.2	0	2	0.0	0.1	0	0	0.0	0.0	49	155	127.9	339.1
Jan 13	19	98	37.7	326.4	26	100	16.4	66.7	2	4	2.0	2.1	0	0	0.0	0.0	47	202	56.1	395.2
Feb 13	32	130	73.1	399.5	18	118	14.6	81.3	1	5	0.1	2.2	0	0	0.0	0.0	51	253	87.9	483.1
Mar 13	41	171	74.0	473.6	35	153	41.3	122.6	3	8	0.6	2.8	0	0	0.0	0.0	79	332	116.0	599.1
Apr 13	30	201	25.9	499.5	34	187	26.8	149.4	5	13	4.6	7.5	1	1	0.4	0.4	70	402	57.7	656.7
May 13	31	232	53.2	552.8	58	245	50.8	200.2	4	17	1.6	9.1	0	1	0.0	0.4	93	495	105.7	762.4
Jun 13	26	258	45.2	598.0	115	360	84.6	284.8	8	25	1.9	11.0	0	1	0.0	0.4	149	644	131.7	894.1
Jul 13	21	279	20.6	618.6	36	396	35.5	320.2	7	32	3.2	14.2	0	1	0.0	0.4	64	708	59.3	953.4
Aug 13	39	318	105.8	724.4	46	442	29.4	349.6	1	33	0.1	14.3	0	1	0.0	0.4	86	794	135.3	1,088.7
Sep 13	17	335	23.5	747.9	34	476	22.5	372.1	0	33	0.0	14.3	0	1	0.0	0.4	51	845	46.0	1,134.7
<b>TOT</b>	<b>335</b>		<b>\$747.87</b>		<b>476</b>		<b>\$372.10</b>		<b>33</b>		<b>\$14.33</b>		<b>1</b>		<b>\$0.36</b>		<b>845</b>		<b>\$1,134.7</b>	

DATE	# Let	Totl #	\$ Let	Totl \$	# Let	Totl #	\$ Let	Totl \$	# Let	Totl #	\$ Let	Totl \$	# Let	Totl #	\$ Let	Totl \$	# Let	Totl #	\$ Let	Totl \$
Oct 13	15	15	21.1	21.1	16	16	13.7	13.7	0	0	0.0	0.0	0	0	0.0	0.0	31	31	34.7	34.7
Nov 13	27	42	85.3	106.3	71	87	51.3	65.0	0	0	0.00	0.0	0	0	0.0	0.0	98	129	136.6	171.3
Dec 13	28	70	203.0	309.3	36	123	28.4	93.3	0	0	0.0	0.0	0	0	0.0	0.0	64	193	231.3	402.6
Jan 14	23	93	70.2	379.4	32	155	31.4	124.7	0	0	0.0	0.0	0	0	0.0	0.0	55	248	101.6	504.2
Feb 14	28	121	44.8	424.2	28	183	33.4	158.2	3	3	5.4	5.4	0	0	0.0	0.0	59	307	83.6	587.8
Mar 14	37	158	83.6	507.8	22	205	21.8	180.0	3	6	2.4	7.8	0	0	0.0	0.0	62	369	107.8	695.6
Apr 14	29	187	57.4	565.3	57	262	78.3	258.3	6	12	6.2	13.9	0	0	0.0	0.0	92	461	141.9	837.5
May 14	23	210	61.0	626.3	52	314	61.3	319.6	3	15	0.4	14.4	0	0	0.0	0.0	78	539	122.7	960.3
Jun 14	36	246	49.4	675.7	91	405	92.9	412.5	8	23	2.2	16.6	0	0	0.0	0.0	135	674	144.6	1,104.8
Jul 14	26	272	34.6	710.3	73	478	59.6	472.1	5	28	2.0	18.6	0	0	0.0	0.0	104	778	96.3	1,201.1
Aug 14	63	335	71.9	782.3	37	515	21.8	493.9	2	30	1.4	20.0	3	3	22.2	22.2	105	883	117.3	1,318.4
Sep 14	13	348	12.9	795.2	29	544	22.3	516.2	1	31	0.1	20.1	0	3	0.0	22.2	43	926	35.2	1,353.7
<b>TOT</b>	<b>348</b>		<b>\$795.17</b>		<b>544</b>		<b>\$516.22</b>		<b>31</b>		<b>\$20.10</b>		<b>3</b>		<b>\$22.19</b>		<b>926</b>		<b>\$1,353.68</b>	

DATE	# Let	Totl #	\$ Let	Totl \$	# Let	Totl #	\$ Let	Totl \$	# Let	Totl #	\$ Let	Totl \$	# Let	Totl #	\$ Let	Totl \$	# Let	Totl #	\$ Let	Totl \$
Oct 14	6	6	74.7	74.7	14	14	8.1	8.1	1	1	0.159	0.159	0	0	0.0	0.0	21	21	82.9	82.9
Nov 14	25	31	42.9	117.6	26	40	18.6	26.6	1	2	0.103	0.26	0	0	0.0	0.0	52	73	61.6	144.5
Dec 14																				
Jan 15																				
Feb 15																				
Mar 15																				
Apr 15																				
May 15																				
Jun 15																				
Jul 15																				
Aug 15																				
Sep 15																				
<b>TOT</b>	<b>31</b>		<b>\$117.56</b>		<b>40</b>		<b>\$26.64</b>		<b>2</b>		<b>\$0.26</b>		<b>0</b>		<b>\$0.00</b>		<b>73</b>		<b>\$144.47</b>	

REQUEST FOR MICHIGAN STATE TRANSPORTATION  
COMMISSION APPROVAL  
LETTING EXCEPTIONS AGENDA

December 4, 2014

The following projects have been pre-approved, and are being returned for re-approval after meeting the exception criteria by the State Transportation Commission.

**STATE PROJECTS**

1. Letting Of November 7, 2014  
 Letting Call: 1411 013 Low Bid: **\$2,872,337.51**  
 Project: CM 41063-118134, ETC Engineers Estimate: \$2,117,023.00  
 Local Agreement: 14-5534 Pct Over/Under Estimate: 35.68 %  
     14-5533  
     14-5540  
 Start Date: 10 Days After Award  
 Completion Date: September 3, 2015

4.02 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, concrete curb, gutter, sidewalk and ramps, guardrail, signals, and pavement marking on M-11 from east of Kalamazoo Avenue easterly to west of Patterson Avenue in the cities of Grand Rapids and Kentwood, Kent County. this project includes a 5 year materials and workmanship pavement warranty.

4.00 % DBE participation required

BIDDER	As-Submitted	As-Checked	
<b>C &amp; D Hughes, Inc.</b>	<b>\$2,872,337.51</b>	<b>Same</b>	<b>1 **</b>
Kamminga & Roodvoets, Inc.	\$2,938,463.87	Same	2

Bidders: 2

2. Letting Of November 7, 2014  
 Letting Call: 1411 021 Low Bid: **\$4,314,126.70**  
 Project: STG 70021-112195, ETC Engineers Estimate: \$3,571,562.47  
 Local Agreement: 14-5532 Pct Over/Under Estimate: 20.79 %  
 Start Date: March 15, 2015  
 Completion Date: June 6, 2016

5.58 mi of hot mix asphalt cold milling and resurfacing, concrete joint repairs, curb, gutter, sidewalk and ramps, drainage, railroad crossing reconstruction, and temporary widening on US-31 from south of 32nd Street northerly to north of Ransom Street in the city of Holland, Ottawa and Allegan Counties. This project includes a 5 year materials and workmanship pavement warranty.

5.00 % DBE participation required

BIDDER	As-Submitted	As-Checked	
<b>Rieth-Riley Construction Co., Inc.</b>	<b>\$4,314,126.70</b>	<b>Same</b>	<b>1 **</b>
Michigan Paving and Materials Company	\$4,618,750.72	Same	2

Bidders: 2

3. Letting Of November 7, 2014  
 Letting Call: 1411 038  
 Project: NH 41061-79447, ETC  
 Local Agreement: 14-5038  
 14-5535  
 Start Date: 10 Days After Award  
 Completion Date: September 3, 2015
- Low Bid: **\$ 3,195,015.47**  
 Engineers Estimate: \$2,682,889.82  
 Pct Over/Under Estimate: 16.03 %

0.23 mi of full-depth concrete pavement reconstruction, concrete curb, gutter and sidewalk, guardrail, underdrains, signals, slope restoration, permanent signing, permanent pavement markings, bearing replacement, thrie beam retrofit, zone painting, and approach work on M-11 from Indian Mounds Road east to east of Church Street and on I-196 from M-11 to the abandoned railroad (Conrail) in the cities of Grandville and Wyoming, Kent County. This project includes a 5 year materials and workmanship pavement warranty.

6.00 % DBE participation required

BIDDER	ORIGINAL A	AS-CHECKED A	
<b>Toebe Construction LLC</b>	<b>\$3,195,015.47</b>	<b>Same</b>	<b>1 **</b>
C. A. Hull Co., Inc.	\$3,305,132.52	Same	2
Milbocker and Sons, Inc.	\$3,251,195.44	Same	3
Kamminga & Roodvoets, Inc.	\$3,368,249.04	Same	4
Anlaan Corporation	\$3,493,886.34	Same	5

BIDDER	ORIGINAL A+Lane Rental	AS-CHECKED A+Lane Rental	
<b>Toebe Construction LLC</b>	<b>\$ 3,222,315.47</b>	<b>Same</b>	<b>1 **</b>
C. A. Hull Co., Inc. \$	3,305,133.52	Same	2
Milbocker and Sons, Inc.	\$ 3,343,595.44	Same	3
Kamminga & Roodvoets, Inc.	\$ 3,390,649.04	Same	4
Anlaan Corporation \$	3,555,486.34	Same	5

Bidders: 5

NOTE: The ORIGINAL A+Lane Rental bid received determines the low bid. The ORIGINAL A bid reflects the actual contract price.

4. Letting Of November 7, 2014  
 Letting Call: 1411 042  
 Project: ST 13021-120813  
 Local Agreement:  
 Start Date: June 22, 2015  
 Completion Date: August 21, 2015
- Low Bid: **\$1,069,968.81**  
 Engineers Estimate: \$843,139.59  
 Pct Over/Under Estimate: 26.90 %

0.75 mi of hot mix asphalt cold milling and resurfacing, widening, drainage, guardrail, pavement markings, and signing on M-60 from west of I-69 east to Old 27, Calhoun County.

5.00 % DBE participation required

BIDDER	As-Submitted	As-Checked	
<b>Michigan Paving and Materials Company</b>	<b>\$1,069,968.81</b>	<b>Same</b>	<b>1 **</b>
Rieth-Riley Construction Co., Inc.	\$1,121,799.68	Same	2

Bidders: 2

5. Letting Of November 7, 2014  
 Letting Call: 1411 048  
 Project: ST 64812-115202  
 Local Agreement:  
 Start Date: July 7, 2015  
 Completion Date: June 6, 2016
- Low Bid: **\$2,611,470.09**  
 Engineers Estimate: \$2,136,715.62  
 Pct Over/Under Estimate: 22.22 %

8.10 mi of hot mix asphalt cold milling, resurfacing, and detail 8 joint repairs on Old US-31 (Oceana Drive) from the north village limits of Shelby northerly to the south approach to the bridge over the Pentwater River and from M-20 northerly to the south village limits of Shelby, Oceana County. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

BIDDER	As-Submitted	As-Checked	
<b>Rieth-Riley Construction Co., Inc.</b>	<b>\$2,611,470.09</b>	<b>Same</b>	<b>1 **</b>

Bidder: 1

### LOCAL PROJECTS

6. LETTING OF SEPTEMBER 05, 2014  
 PROPOSAL 1409008  
 PROJECT STU 25449-116734  
 LOCAL AGRMT. 14-5480  
 START DATE - 10 days after award  
 COMPLETION DATE - SEPTEMBER 26, 2015
- ENG. EST.                      LOW BID  
 \$ 2,200,000.00      \$ **2,526,529.24**
- % OVER/UNDER EST.  
 14.84 %

1.77 mi of hot mix asphalt cold milling and resurfacing, drainage, concrete curb, gutter, pavement repairs and ramps, traffic and pedestrian signals, and pavement markings on North Saginaw Street from Hamilton Avenue north to Pierson Road in the city of Flint, Genesee County.

5.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
<b>Ace-Saginaw Paving Company</b>	<b>\$ 2,526,529.24</b>	<b>Same</b>	<b>1 **</b>
Cadillac Asphalt, L.L.C.	\$ 2,799,745.65	Same	2
Ajax Paving Industries, Inc.	\$ 2,887,156.19	Same	3

3 Bidders

7. LETTING OF SEPTEMBER 05, 2014 ENG. EST. LOW BID  
 PROPOSAL 1409011 \$ 819,598.10 \$ 1,023,662.42  
 PROJECT STU 82457-123348  
 LOCAL AGRMT. 14-5459 % OVER/UNDER EST.  
 START DATE - JULY 14, 2015  
 COMPLETION DATE - 40 working days 24.90 %

1.10 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, drainage improvements, and pavement markings on Huron River Drive from Sumpster Road northeasterly to Martinsville Road in the city of Belleville, Wayne County.

4.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
<b>Barrett Paving Materials Inc.</b>	<b>\$ 1,023,662.42</b>	<b>Same</b>	<b>1 **</b>
Florence Cement Company	\$ 1,105,423.99	Same	2
Cadillac Asphalt, L.L.C.	\$ 1,115,831.06	Same	3
Ajax Paving Industries, Inc.	\$ 1,121,843.88	Same	4

4 Bidders

8. LETTING OF SEPTEMBER 05, 2014 ENG. EST. LOW BID  
 PROPOSAL 1409024 \$ 402,290.55 \$ 537,268.33  
 PROJECT TAU 82400-123587  
 LOCAL AGRMT. 14-5495 % OVER/UNDER EST.  
 START DATE - 10 days after award  
 COMPLETION DATE - OCTOBER 02, 2016 33.55 %

0.37 mi of hot mix asphalt cold milling, resurfacing and widening, concrete base pavement, curb, gutter, sidewalk and ramps, traffic signals, landscaping, and pavement markings on Jefferson Avenue from Lakewood Avenue northeasterly to Alter Avenue in the city of Detroit, Wayne County.

4.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
<b>Pavex Corporation</b>	<b>\$ 537,268.33</b>	<b>Same</b>	<b>1 **</b>
Century Cement Company, Inc.	\$ 564,341.72	Same	2
Erie Construction, LLC	\$ 665,866.53	Same	3
Ajax Paving Industries, Inc.			
Cadillac Asphalt, L.L.C.			

3 Bidders

9. LETTING OF OCTOBER 03, 2014 ENG. EST. LOW BID  
 PROPOSAL 1410009 \$ 691,791.74 \$ **823,844.84**  
 PROJECT STH 81609-119601, ETC  
 LOCAL AGRMT. 14-5482 % OVER/UNDER EST.  
 START DATE - 10 days after award  
 COMPLETION DATE - JULY 31, 2015 19.09 %

Hot mix asphalt cold milling, removal, widening and repaving, concrete spillway, curb and gutter, aggregate base, ditching, guardrail, signal, and pavement markings on Plymouth Road at Curtis Road and Ford Road, Washtenaw County.

4.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
<b>Cadillac Asphalt, L.L.C.</b>	<b>\$ 823,844.84</b>	<b>Same</b>	<b>1 **</b>
Barrett Paving Materials Inc.	\$ 852,000.00	Same	2
Ajax Paving Industries, Inc.	\$ 890,802.91	Same	3
Florence Cement Company	\$ 1,123,886.20	Same	4
Angelo Iafrate Construction Company	\$ 1,282,565.35	Same	5
Bailey Excavating, Inc.			

5 Bidders

10. Letting Of November 7, 2014  
 Letting Call: 1411 003 Low Bid: **\$1,595,250.80**  
 Project: MCS 75004-105349 Engineers Estimate: \$1,202,147.00  
 Local Agreement: 14-5512 Pct Over/Under Estimate: 32.70 %  
 Start Date: 10 Days After Award  
 Completion Date: October 2, 2015

Bridge removal and replacement with 21-inch, prestressed concrete deck, hot mix asphalt surfacing, and guardrail on County Road 440 at Indian River, Schoolcraft County.

No DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Associated Constructors, LLC</b>	<b>\$1,595,250.80</b>	<b>Same</b>	<b>1 **</b>
Anlaan Corporation	\$1,663,792.17	Same	2
Hebert Construction Co.	\$1,725,148.89	Same	3
A. Lindberg & Sons, Inc.	\$2,498,184.50	Same	4

Bidders: 4

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 17, 2014.

Respectfully submitted,

*Signed Original on File*

Kirk T. Steudle  
Director

INFORMATION FOR MICHIGAN STATE  
TRANSPORTATION COMMISSION

December 4, 2014

The following project information is being provided for informational purposes, as requested by the State Transportation Commission.

**AERONAUTICS PROJECT**

1. Letting Of September 5, 2014  
 Letting Call: 1409 038  
 Project: FM 63628-122377  
 Local Agreement:  
 Start Date: October 20, 2014  
 Completion Date: 30 CD
- Low Bid: **\$62,985.00**  
 Engineers Estimate: \$83,100.00  
 Pct Over/Under Estimate: -24.21 %

Install PAPI on Runway 9 and 27 ends at the Oakland Troy Airport, city of Troy, Oakland County.

No DBE participation required

Bidder	As-Submitted	As-Checked	
<b>J. Ranck Electric, Inc.</b>	<b>\$62,985.00</b>	<b>Same</b>	<b>1 **</b>
Rauhorn Electric, Inc.	\$81,851.00	Same	2
Dan's Excavating, Inc.	\$127,115.41	Same	3
Diversified Power Inc.	\$56,150.00	Same	n/c

Total Number of Bidders: 4

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 17, 2014.

Respectfully submitted,

*Signed Original on File*

Kirk T. Steudle  
Director

**EXHIBIT B  
Department Projects  
Items to the Commission - December 04, 2014**

			Total Over the Original Cost (All MDOT)			Total Over the Original Cost (MDOT/MDOT)			Total Over the Original Cost (MDOT/Cons)						
			<b>\$1,373,072.80</b>			<b>\$1,336,652.80</b>			<b>\$36,420.00</b>						
			Number of Projects Over 10% (6 Total)			Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent						
						\$6,925,836.81	\$8,298,909.61	\$1,373,072.80	19.83%						
Region	Control Section	Job Number	Project Description	Prime Contractor	Original Contract Amount	Final Contract Amount	Increase	Percent	Date Work Started	Expect Compl.	Actual Compl.	Final Date	Designed by MDOT (M) or Consultant (C)	Reason for Additional Project Costs	
Metro	82073	117173	Advanced purchase of paper-insulated lead cover cable for relocation of the Public Lighting Department transmission cables for the bascule bridge replacement project on M-85 (Fort Street) over the Rouge River in the city of Detroit, Wayne County..	Motor City Electric Utilities Company	\$262,009.00	\$298,429.00	\$36,420.00	13.90%	10/5/2012	112 Calendar Days	4/18/2013	05/05/14	C	<u>Reason #1:</u> CM #1 includes an increase of \$36,420 for furnishing electrical potheads and splice kits. This contract is an advanced material procurement for City of Detroit Public Lighting Department electrical materials for the M-85 over the Rouge River bascule bridge replacement (82073-54049). Further review of the plans identified other miscellaneous long-lead time electrical materials that also needed to be procured in order for the work on the bascule bridge to be completed on schedule. Reason 1 accounts for 100% of the total increase to the project costs.	
University	58151	M61301	17.89 mi of concrete pavement repair on northbound I-75 from the I-75/M-125 connector northerly to I-275 in the city of Monroe, Monroe County.	Fiore Enterprises LLC	\$424,118.47	\$543,864.61	\$119,746.14	28.23%	8/19/2013	10/21/2013	9/13/2013	07/09/14	M	<u>Reason #1:</u> CM #1 include an increase of items associated with Concrete Patching. Extra patches were added at the request of the University Region Maintenance. These additional patches were added due to increased deterioration since the concrete patch log was developed. Reason 1 accounts for 100% of the total increase to the project costs.	
Metro	82194	111913	0.09 mi of screen wall on the Delray Community Center property along the I-75 right of way line in the city of Detroit, Wayne County.	Future Fence Company	\$127,115.71	\$153,061.59	\$25,945.88	20.41%	10/29/2012	6/1/2013	7/9/2013	07/11/14	M	<u>Reason #1:</u> The item Turf Establishment, Performance was increased by 1,300 SYD. The project was to build a screen wall between the Delray Community Center and I-75. The additional Turf Establishment was needed to finish landscaping between the screen wall and the Community Center. <u>Reason #2:</u> When soil borings were taken, it was discovered that poor soil conditions existed. As a result, larger foundations were required than could have been reasonably expected by the Contractor. The Department agreed to share the extra unexpected foundation costs with the Contractor, and paid 50% of the additional foundation expense. Reason 1 & 2 account for \$19,091 or 74% of the total increase to the project costs.	
Metro	63152	106972	1.05 mi of hot mix asphalt reconstruction, curb and gutter replacement, storm sewer replacement, sidewalk replacement, pedestrian signal and push button upgrades, signal upgrade at Cass/Montcalm, and street sign and street light replacement on US-24BR (Cesar Chavez) from M-1 (Loop) to Cass/Montcalm intersection in the city of Pontiac, Oakland County. This project includes a 5 year materials and workmanship pavement warranty.	DiPonio Contracting, Inc.	\$3,936,067.90	\$4,888,929.63	\$952,861.73	24.21%	3/28/2012	12/1/2014	7/25/2013	08/19/14	M	<u>Reason 1:</u> CM #3 had an existing cast iron watermain found to be too high in the grade and in some instances would be into the stone of the new roadway. The watermain was very old and there was limited information of the depth of the watermain from old plans. The watermain broke several times during construction of the storm sewer from vibrations of the storm sewer work near the pipe. The watermain would be at risk of freezing during the winter and at risk of additional breakages due to the shallow depth and the age of the cast iron pipe. It was decided that it would be prudent to replace the watermain rather than leaving it in place and risk having to dig up the new HMA pavement to repair the watermain and then patch the new roadway. Reason 1 accounts for \$820,466 or 86% of the total increase to the project costs.	
University	33043	116971	0.01 mi of hot mix asphalt left-turn lane and truck loon, concrete curb and gutter, drainage, and pavement marking on I-69BL north of Towner Road, Ingham County. This project includes a 5 year materials and workmanship pavement warranty.	Kamminga & Roodvoets, Inc.	\$140,236.65	\$164,051.04	\$23,814.39	16.98%	10/17/2013	6/1/2014	11/18/2013	09/24/14	M	<u>Reason #1:</u> CM #3 The plan quantities for Excavation, Earth and Embankment, CIP were miscalculated in design, specifically in the areas of the loon and cross-over. The overruns to these 2 items account for \$8,944.00. <u>Reason #2:</u> CM #2 During the final walk through, the front-slope between the culvert and the edge of the roadway was found to be steeper than had been anticipated in design. The Contractor's work was reviewed and determined to be in accordance with the plan elevations required in the contract. The Contractor was directed to remobilize equipment to extend and relocate the culvert ending to lessen the slope and alleviate the safety concern. This work required the ditch to be reformed westerly from both the spillway and the revised culvert ending location. The Ditch Cleanout item accounts for \$5,330.00. <u>Reason #3:</u> CM #1 The quantity of Slope Restoration, Type B was underestimated in design particularly in the area of the loon. The quantity was also increased due to the increased ditching noted in Reason #2. The additional slope restoration accounts for \$5,416.00. Reason 1 -3 account for \$19,690 or 83% of the total increase to the project costs.	

**EXHIBIT B  
Department Projects  
Items to the Commission - December 04, 2014**

				Number of Projects Over 10% (6 Total)		Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent					
						\$6,925,836.81	\$8,298,909.61	\$1,373,072.80	19.83%					
Region	Control Section	Job Number	Project Description	Prime Contractor	Original Contract Amount	Final Contract Amount	Increase	Percent	Date Work Started	Expect Compl.	Actual Compl.	Final Date	Designed by MDOT (M) or Consultant (C)	Reason for Additional Project Costs
University	46062	102851	Bridge replacement, approach work, and maintaining traffic on US-223 over River Raisin, Lenawee County.	Milbocker and Sons, Inc.	\$2,036,289.08	\$2,250,573.74	\$214,284.66	10.52%	3/23/2012	5/30/2013	7/3/2013	9/26/2014	M	<p><u>Reason #1:</u> CM #2 These modifications paid for the extra item of bypass pumping of Sanitary Line (\$62,020). This was necessary as the existing sanitary line began to backup and this new item to bypass pump the line enabled the existing line to function until such time the new sanitary line was installed. Payment was made for the time frame of pumping which was June 4, 2012 to Nov. 15, 2012.</p> <p><u>Reason #2:</u> CM #2 The items of Superstructure Conc, Night Casting and Superstructure Conc were interchanged based on recent guidance that concrete superstructure placement may occur during daylight hours if proper conditions were met. While making the corrections to the quantities, a plan error was discovered resulting in an additional 86 cyd (\$63,976) of superstructure concrete being needed to be placed.</p> <p><u>Reason #3:</u> CM #4 &amp; #5 Upon completion of the project it was noted that the ride quality of the bridge was very poor. Upon further investigation it was determined that the issue had larger implications as it was feared the nature of the problem would potentially lead to damage of the sleeper slab. The reason for the poor ride quality was felt to be the nature of the staging of the project. The need to maintain part width traffic and meet existing grades created a conflict that caused the poor ride. Decision was made to correct the ride quality and to remove and replace an approach slab and various work items associated with this. (\$62,952).</p> <p>Reason 1 -3 account for \$188,948 or 88% of the total increase to the project costs.</p>

**EXHIBIT B  
Local Projects  
Items to the Commission - December 04, 2014**

Total Over the Original Cost (All Local)				Total Over the Original Cost (Local/Local)				Total Over the Original Cost (Local/Cons)						
\$366,746.04				\$0.00				\$366,746.04						
Number of Projects Over 10% (4 Total)				Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent							
				\$2,510,140.03	\$2,876,886.07	\$366,746.04	14.61%							
Region	Control Section	Job Number	Project Description	Prime Contractor	Original Contract Amount	Final Contract Amount	Increase	Percent	Date Work Started	Expect Compl.	Actual Compl.	Final Date	Designed by Local (L) or Consultant (C)	Reason for Additional Project Costs
North	16031	115401	4.97 mi of hot mix asphalt shoulders, aggregate surface shared-use path, drainage improvements, and slope restoration on West Burt Lake Road northerly from Brutus Road to Hogsback Road, Cheboygan County.	M & M Excavating Company	\$626,865.20	\$704,899.19	\$78,033.99	12.45%	5/14/2013	7/12/2013	9/11/2013	7/28/2014	C	Reason #1: CM #2 includes increases of \$48,255.45 for additional Subgrade Undercutting Type II that was required to remove poor soils and provide a stable base. The conditions were discovered during construction. Reason#2: CM #4 includes an increase of \$15,854.24 due to wash out repairs that occurred after construction had been completed. Reason 1 & 2 account for \$64,109.69 or 82% of the total increase to the project costs.
Superior	17011	109302	Bridge removal and replacement with 17-inch, prestressed concrete box beams on concrete abutments, hot mix asphalt paving, guardrail placement, and traffic control on Riverside Drive over Mission Creek in the city of Sault Ste. Marie, Chippewa County.	J. E. Kloote Contracting, Inc.	\$946,250.47	\$1,083,269.18	\$137,018.71	14.48%	6/19/2013	9/27/2013	10/27/2013	7/17/2014	C	Reason #1: This change was necessary due to a conflict with the existing sanitary sewer forcemain and the proposed west wingwall piles of the north and south abutments of the bridge. CM #1 includes an increase of \$29,590 for a temporary forcemain bypass, and CM #3 includes an increase of \$84,958 to install new relocated sanitary sewer forcemain under Mission Creek, along west side of Riverside Drive by directional boring. Reason 1 accounts for \$114,584 or 84% of the total project cost increases
Bay	25002	112207	Bridge rehabilitation including superstructure replacement, riprap placement, approach paving, guardrail placement, and traffic control on Dutch Road over Kearsley Creek in the village of Goodrich, Genesee County.	Dan's Excavating, Inc.	\$481,161.50	\$534,251.51	\$53,090.01	11.03%	7/1/2013	8/31/2013	10/17/2013	8/7/2014	C	Reason 1: CM #1 includes \$25,225 for additional quantities of structural steel, necessary as a result of an inadvertent error in plan quantity. All structural steel was placed in accordance with the plan details. Reason 2: CM #2 includes \$10,699 for additional rip-rap needed beyond the limits shown on the plans to protect slopes around the bridge from eroding. Reason 3: CM#2 includes \$9,146 for additional guardrail necessary beyond the limits shown on the plans to protect steep slopes exceeding 1:2. Reasons 1-3 accounts for \$45,070, or 85% of the total project cost increases.
University	23403	115999	0.65 mi of concrete and hot mix asphalt non-motorized pathway, sand subbase, aggregate base, concrete curb, gutter, sidewalk, and ramps, drive approaches, and watermain on Jefferson Street (M-100) from M-43 northerly to Jaycee Park, Eaton County.	Nashville Construction Company	\$455,862.86	\$554,466.19	\$98,603.33	21.63%	8/13/2012	10/31/2012	11/21/2012	9/17/2014	C	Reason #1: CM #1 and CM #4 include increases totaling \$11,691.00 to cover the cost of removing and disposing of non-hazardous, contaminated material encountered while installing the watermain. Reason #2: CM #1, CM #3 and CM #4 include increases totaling \$23,453.97 to cover extra work necessitated by unforeseen utility conflicts throughout the project. Reason #3: CM #3 and CM #4 include increases totaling \$10,797.65 to cover additional work associated with water main and drainage structures within the project limits. The extra work was authorized by the City of Grand Ledge. The City of Grand Ledge has agreed to pay 100% of the cost. Reason #4: CM #2 and CM #4 include increases totaling \$13,307.44 for the installation of additional measures to control erosion in the ravine. Reason #5: CM #4 includes increases totaling \$6,690.00 for additional embankment placed. The project was designed and bid prior to the 2012 Standards. The extra embankment was placed to adjust the pathway grades to conform to the minimum grades recommended in the 2012 AASHTO Guide for the Development of Bicycle Facilities. Reasons 1-5 account for \$65,940.06 or 67% of the total project cost increases.