

MICHIGAN STATE TRANSPORTATION COMMISSION
PUBLIC MEETING
AGENDA

DATE: Thursday, July 23, 2015
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 May 21, 2015, Commission Meeting (**motion required**)

III. **OVERSIGHT**

- Exhibit A: Contract Agreements – Myron Frierson (**motion required**)
 - Freeway Lighting P3 – Charlie Stein
- Exhibit A-1: Bid Letting Pre-Approvals – Myron Frierson (**motion required**)
- Exhibit A-1-Supplemental: Bid Letting Pre-Approvals – Myron Frierson (**motion required**)
- Exhibit A-2: Letting Exceptions – Mark Van Port Fleet (**motion required**)
- Exhibit A-2-Supplemental: Letting Exceptions – Mark Van Port Fleet (**motion required**) –added 7/20/15
- Exhibit B: Construction Contracts – Brenda O'Brien (no motion required)

IV. **PRESENTATIONS**

- Michigan Environmental Council – Chris Kolb, President & CEO

V. **PUBLIC COMMENTS**

VI. **ADJOURNMENT**

VII. **NEXT MEETING**

- The next full meeting will be held Thursday, September 17, 2015, in MDOT's Grand Region, location to be determined.

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.

MICHIGAN STATE TRANSPORTATION COMMISSION

PUBLIC MEETING

May 21, 2015, Lansing, Michigan

MEETING MINUTES

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

Members Absent: Todd Wyett, Vice Chair

Also Present: Kirk Steudle, Director, Michigan Department of Transportation (MDOT)
David Brickey, Assistant Attorney General, Transportation Division
Phil Browne, Deputy 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 Field Services Division
Stuart Lindsay, MDOT Tribal Governments Liaison
Jack Cotter, Commission Auditor, Office of Commission Audits
Mary Fedewa, Executive Assistant, Office of Commission Audits
About 25 people were 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 updated the Commissioners on the year-to-date number of traffic deaths, currently 262. Next the Director spoke about the Governor's Regional Prosperity Initiative (RPI), it proposed ten regions for all agencies to use. MDOT is moving several counties between its regions so that MDOT's seven regions align with the RPI region boundaries. MDOT's regions are also working together more closely to provide the same services to customers throughout Michigan.

On May 31, 2015, the MAP-21 extension expires, the federal government is working on plans to extend funding at the same level authorized for fiscal year 2014. Even if funding is extended at current levels, it is expected that in late July the Highway Trust Fund (HTF) balance will be exhausted, which will result in a delay in reimbursements to states. MDOT's cash flow management will allow us to continue projects if there is a funding delay due to either situation.

Commissioner Afendoulis asked how long we can maintain current projects, the Director responded six to eight weeks. Chair Jung asked if the 100 billion needed nationally for six years is on top of the current federal fuel tax. The Director said that figure is all federal funding, no matter the source.

II. COMMISSION BUSINESS

- *Minutes of March 19, 2015, Commission Meeting*

Chair Jung requested a motion regarding approval of the minutes from the State Transportation Commission meeting of March 19, 2015. Commissioner Hayes 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. PRESENTATIONS

- *Tribal Affairs Update – Stuart Lindsay*

Mr. Lindsay spoke about intergovernmental transportation partnering with the 12 sovereign tribal governments in Michigan. He highlighted projects that included tribal funding to enhance safety and traffic flow in areas surrounding tribal lands. For the future, MDOT will continue to provide consultation to the tribes and participate in discussions on ecology, history, and culture projects.

No motion required.

IV. OVERSIGHT

- *Exhibit A: Contract Agreements – Myron Frierson*

Mr. Frierson presented information on 38 agreements. Pending any questions, Mr. Frierson asked for approval of Exhibit A.

Chair Jung requested a motion regarding approval of Exhibit A. 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-1: Bid Letting Pre-Approvals – Myron Frierson*

Mr. Frierson presented information about Letting Statistics and Exhibit A-1. Projections for fiscal year 2015 are for 280 state jobs and a total construction cost estimate of \$708 million. At this point in the year, MDOT has let 106 percent of jobs anticipated and 119 percent of cost estimates. There were three lettings in May. Upcoming June lettings are currently advertising 105 projects. On Exhibit A-1, items 50 and 52 were withdrawn, leaving 51 projects for review. Pending any questions, Mr. Frierson asked for approval of Exhibit A-1.

Commissioner Afendoulis asked about Item 4 for \$2 million, all that is described is mulching so she questioned if that was the whole project given the dollar amount. Commission Auditor Cotter responded that he checked on it earlier and found out that the mulch is to aid in growing plants that will cover the area and not need mowing, which is being done because of a steep slope along both sides of those ten miles. The Director agreed and noted the plants were put in several years ago and are directly in the sun so ground cover is needed; these costs will be cheaper over time than mowing.

Chair Jung requested a motion regarding approval of Exhibit A-1. Commissioner Boji 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.**

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

Mr. Frierson presented information about Supplemental Exhibit A-1, which lists 6 projects. Pending any questions, Mr. Frierson asked for approval of Supplemental Exhibit A-1.

Chair Jung requested a motion regarding approval of Supplemental Exhibit A-1. Commissioner Moser 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.**

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

Mr. Van Port Fleet noted items 3 and 9 were withdrawn and provided information on the remaining 12 projects that were over the engineer's estimate or had only one bidder. There were 11 justifications for projects where the low bid exceeded the engineer's estimate by more than ten percent; OCA has reviewed. 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 Boji 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 1 item that only had one bidder and was under \$500,000.

No motion required.

- ***Exhibit B: Construction Contracts – Brenda O'Brien***

Ms. O'Brien presented information about Exhibit B, which included cost comparison information about contracts that were recently finalized.

- For MDOT projects in March and April, 94 projects totaling \$150.8 million were finalized; six of those were more than 10 percent over original contract amounts. 59 projects came in under original contract amounts. For March, final contract costs averaged 3.06 percent over original contract amounts; the higher percentage was due to one large project that was let in two parts, the second part included a cost variance, but the whole project was less than one-tenth of one percent over contract. For April, final contract costs averaged 6.88 percent over original contract amounts; the high percentage was due to one large fixed-price variable scope project that included plans but not funds for prioritized projects, which were to be completed if additional funding became available. Additional funding was received so all the prioritized projects were done, causing the final to be over the original contract amount. Including those two project situations for fiscal year 2015 to date, closed out MDOT projects have totaled \$464.3 million and averaged just 0.63 percent over original contract amounts.

- For local agency projects in March and April, 129 projects totaling \$99.1 million were finalized; six of those were more than 10 percent over original contract amounts. 60 projects came in under original contract amounts.

Reasons for additional project costs were provided in the meeting materials for two MDOT and four local agency projects that exceeded their original contract amounts by more than 10 percent.

Chair Jung asked about the accuracy of the engineers' estimates and the average number of bidders. Mr. Van Port Fleet said construction costs have increased due to a variety of reasons, so staff are looking at overages to find out if there are regional or schedule-issue trends for specific types of projects. Mr. Van Port Fleet said the average number of bidders has gone down the last few years but not significantly.

No motion required.

V. **RESOLUTIONS**

- *Resolution Authorizing the Issuance and Sale of Comprehensive Transportation Refunding Bonds, 2015 Series – Myron Frierson*
- *Resolution Authorizing the Issuance and Sale of State Trunk Line Fund Refunding Bonds, 2015 Series – Myron Frierson*

Mr. Frierson presented background information about the types of bonds MDOT has outstanding. Comprehensive Transportation Refunding Bonds shall not exceed \$35 million; they are to be issued in July through competitive sale, with maturity dates between 2017 through 2031. State Trunk Line Refunding Bonds shall not exceed \$64 million; they are to be issued in August through a negotiated sale, with maturity to be in 2032. Pending any questions, Mr. Frierson asked for approval to issue the refunding bonds.

Commissioner Boji noted that the timing of July and August are good based on other bond activity that he is aware of. Mr. Frierson noted that MDOT works with the Department of Treasury on the timing of issuing bonds.

Chair Jung requested a motion regarding Comprehensive Transportation Refunding Bonds. Commissioner Afendoulis made a motion to approve and Commissioner Moser supported. Deputy Commission Advisor Browne took a roll call vote, voting in favor were Chair Jung, Commissioner Afendoulis, Commissioner Boji, Commissioner Hayes, and Commissioner Moser, opposed were none; **motion to approve carried.**

Chair Jung requested a motion regarding State Trunk Line Fund Refunding Bonds. Commissioner Boji made a motion to approve and Commissioner Afendoulis supported. Deputy Commission Advisor Browne took a roll call vote, voting in favor were Chair Jung, Commissioner Afendoulis, Commissioner Boji, Commissioner Hayes, and Commissioner Moser, opposed were none; **motion to approve carried.**

VI. **IMPROMPTU FUNDING DISCUSSION**

A free-form discussion was held amongst the Commission on transportation funding in light of the recently defeated ballot proposal. Future funding options for MDOT were discussed.

VII. **PUBLIC COMMENTS**

No public comment requests were received. However, Chair Jung congratulated Director Steudle on receiving an award from Government Technology Magazine – Top 25 Doers, Dreamers, and Drivers of 2015. He stated that it is very impressive to see what the Director and MDOT staff are accomplishing using automation and new technology.

VIII. **ADJOURNMENT**

With no further business being before the Commission, Chair Jung declared the meeting adjourned at 10:30 a.m.

IX. **NEXT MEETING**

- The next full meeting will be held Thursday, July 23, 2015, in Lansing at the MDOT Aeronautics Building.

Phil Browne
Deputy Commission Advisor

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

CONTRACTS

July 23, 2015

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.

CONTRACTS

1. *HIGHWAYS – P3 Metro Region Freeway Lighting Project
Contract (2015-0206) between MDOT and Freeway Lighting Partners, LLC, will provide for the design, building, and financing of the replacement of the existing freeway lighting infrastructure in the Metro Region, the operation of the lighting, and the maintenance of the lighting infrastructure through a Public-Private Partnership (P3). The Metro Region Freeway Lighting contract will provide all services associated with the freeway lighting system and will include all freeway lights within the limited access right-of-way on all routes located within the Metro Region (Oakland, Macomb, and Wayne Counties). The project will utilize a design, build, finance, operate, and maintain contract structure. The contract will be in effect from the date of award through 15 years. The current cost estimate is \$123,294,975. This cost is subject to change based on the final interest rates at the time of financial close. Source of Funds: 51.93% Federal Highway Administration Funds and 48.07% State Restricted Trunkline Funds.

2. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5318) between MDOT and the Grand Traverse County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category F Funds:

Hot mix asphalt base crushing, shaping and resurfacing along Garfield Road from Brimley Road northerly to Hammond Road, including culvert replacement, intersection widening, permanent signing, and pavement marking work.

Estimated Funds:

| | |
|---|------------------|
| State Restricted TED Funds | \$288,600 |
| Grand Traverse County Road Commission Funds | <u>\$129,700</u> |
| Total Funds | <u>\$418,300</u> |

EDF 28566 – 125515
Letting of 7/10/2015

3. HIGHWAYS - Participation for State Local Bridge Construction Contract
 Contract (2015-5337) between MDOT and the Kent County Road Commission will provide for funding participation in the construction of the following improvements under the State Local Bridge Program:

Rehabilitation work for structure B01 of 41-06-20 (#5009), which carries 84th Street over the Thornapple River, Sections 16 and 21, T05N, R11W, Caledonia Township, Kent County, Michigan, including bridge deck overlay, substructure repair, expansion joint, and maintaining traffic work.

Estimated Funds:

| | |
|-----------------------------------|------------------|
| State Restricted Trunkline Funds | \$283,300 |
| Kent County Road Commission Funds | <u>\$ 14,900</u> |
| Total Funds | <u>\$298,200</u> |

MCS 41006 – 122806;
 Letting of 7/10/2015

4. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2015-5340) between MDOT and the Mecosta County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Chip seal, fog seal, and pavement marking work along Pierce Road from Stanwood Drive easterly to 130th Street.

Estimated Funds:

| | |
|--------------------------------------|------------------|
| State Restricted TED Funds | \$ 23,900 |
| FHWA STP – Rural Funds | \$159,300 |
| Mecosta County Road Commission Funds | <u>\$ 15,900</u> |
| Total Funds | <u>\$199,100</u> |

STL 54555 – 116172
 Letting of 7/10/2015

5. HIGHWAYS - Participation for State Local Bridge Construction Contract
 Contract (2015-5346) between MDOT and the Genesee 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:

PART A

Rehabilitation work for structure B01 of 25-01-29 (#2765), which carries Cole Road over the Shiawassee River, Section 23, T05N, R05E, Argentine Township, Genesee County, Michigan, including superstructure replacement with a timber superstructure, hot mix asphalt paving, and guardrail and traffic control work.

PART B

Name plate for structure B01 of 25-01-29 (#2765), which carries Cole Road over the Shiawassee River.

Estimated Funds:

| | <u>PART A</u> | <u>PART B</u> | <u>TOTAL</u> |
|--------------------------------------|------------------|----------------|------------------|
| Federal Highway Administration Funds | \$372,000 | \$ 0 | \$372,000 |
| State Restricted Trunkline Funds | \$ 69,750 | \$ 0 | \$ 69,750 |
| Genesee County Road Commission Funds | <u>\$ 40,250</u> | <u>\$1,000</u> | <u>\$ 41,250</u> |
| Total Funds | <u>\$482,000</u> | <u>\$1,000</u> | <u>\$483,000</u> |

BHO 25001 – 115714

Letting of 7/10/2015

6. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2015-5353) between MDOT and the Arenac County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing work along Sterling Road from the east village limits of Sterling easterly to Deep River Road/Heslop Road, including hot mix asphalt crushing and shaping, trenching, drainage, and pavement marking work.

Estimated Funds:

| | |
|-------------------------------------|------------------|
| State Restricted TED Funds | \$ 27,700 |
| FHWA STP – Rural Funds | \$151,200 |
| Arenac County Road Commission Funds | <u>\$ 34,100</u> |
| Total Funds | <u>\$213,000</u> |

STL 06555 – 119908

Letting of 7/10/2015

7. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5356) between MDOT and the Village of Sterling will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing work along Sterling Road from Old Highway M-76 easterly to the east limits of the Village of Sterling, including base crushing, shaping, trenching, aggregate shoulder, concrete curb and gutter, sidewalk ramp, and pavement marking work.

Estimated Funds:

| | |
|----------------------------|------------------|
| State Restricted TED Funds | \$ 39,600 |
| FHWA STP – Rural Funds | \$179,300 |
| Village of Sterling Funds | <u>\$ 44,800</u> |
| Total Funds | <u>\$263,700</u> |

STL 06555 – 119909; Arenac County
Letting of 7/10/2015

8. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5360) between MDOT and the Lapeer County Road Commission will provide for participation in the following improvements:

Overband crack filling work along various federal-aid routes countywide.

Estimated Funds:

| | |
|--------------------------------------|-----------------|
| Federal Highway Administration Funds | \$75,144 |
| Lapeer County Road Commission Funds | <u>\$18,786</u> |
| Total Funds | <u>\$93,930</u> |

STL 44141 - 127698
Local Force Account

9. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5362) between MDOT and the City of Lansing will provide for participation in the following improvements:

Installation of wireless interconnect communication equipment and traffic signal optimization along Michigan Avenue from Detroit Street westerly to Pennsylvania Street, along Grand Avenue from Kalamazoo Street northerly to North Grand Avenue Ramp, along Capital Avenue from Kalamazoo Street northerly to Ionia Street, and along Washington Square from Lenawee Street northerly to Allegan Street.

Estimated Funds:

| | |
|--------------------------------------|-----------------|
| Federal Highway Administration Funds | \$71,000 |
| City of Lansing Funds | <u>\$17,948</u> |
| Total Funds | <u>\$88,948</u> |

CM 33400 - 127097
Local Force Account

10. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5363) between MDOT and the City of Lansing will provide for participation in the following improvements:

Signal modernization at the Aurelius Road and Cavanaugh Road intersection, including signal head, push buttons and vehicle actuation system installation work.

Estimated Funds:

| | |
|--------------------------------------|-----------------|
| Federal Highway Administration Funds | \$60,000 |
| City of Lansing Funds | <u>\$28,138</u> |
| Total Funds | <u>\$88,138</u> |

CM 33403 - 127351
Local Force Account

11. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5365) between MDOT and the St. Clair County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Passing flares construction work along northbound and southbound Highway M-29 (Busha Highway) from 17th Street southerly to Cuttle Road and dedicated left-turn lane construction work at the eastbound 18th Street and Highway M-29 intersection.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$105,522.50 will be met through local participation in the following project-related costs: preliminary engineering, right-of-way acquisition, construction, and construction engineering.

Estimated Funds:

| | |
|--|------------------|
| State Restricted TED Funds | \$454,899 |
| St. Clair County Road Commission Funds | <u>\$ 4,595</u> |
| Total Funds | <u>\$459,494</u> |

EDA 77522 - 127312
Local Letting

12. HIGHWAYS - Participation for Local Agency Contract
Contract (2015-5369) between MDOT and the Road Commission for Oakland County will provide for participation in the following improvements:

Traffic Operations Center work, including general operation, communications, equipment management, and system management work.

Estimated Funds:

| | |
|--|--------------------|
| Federal Highway Administration Funds | \$2,080,000 |
| Road Commission for Oakland County Funds | <u>\$ 520,000</u> |
| Total Funds | <u>\$2,600,000</u> |

CM 63400 - 126472

No Letting

13. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5379) between MDOT and the Mackinac County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Subbase strengthening and aggregate surface installation work along McGahn Road from the west county line easterly for approximately 0.5 miles, including soil restoration and traffic control work.

Estimated Funds:

| | |
|---------------------------------------|-----------------|
| State Restricted TED Funds | \$ 9,383 |
| FHWA STP – Rural Funds | \$75,061 |
| Mackinac County Road Commission Funds | <u>\$ 9,383</u> |
| Total Funds | <u>\$93,827</u> |

STL 49555 - 113018

Local Force Account

14. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5381) between MDOT and the Road Commission for the County of Oakland will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Road reconstruction work along South Hill Road from Grand River Avenue to approximately 400 feet north of Hirata Driveway.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$290,000 will be met through local participation in the following project-related costs: preliminary engineering, right-of-way acquisition, construction, and construction engineering.

Estimated Funds:

| | |
|---|------------------|
| State Restricted TED Funds | \$760,000 |
| Road Commission for the County of Oakland Funds | <u>\$ 29,000</u> |
| Total Funds | <u>\$789,000</u> |

EDA 63522 - 127283

Local Letting

15. PASSENGER TRANSPORTATION - Section 5307 Program

Project Authorization (27) Revision (4) under Master Agreement (2007-0230) between MDOT and the Interurban Transit Partnership (ITP), in Kent County, will provide additional state matching funds of \$205,000 for the purchase of additional replacement vehicles and for additional Ozone Action Days and will extend the authorization term by one year to provide sufficient time for ITP to complete the projects. The original authorization provides state matching funds for the FY 2011, FY 2012, FY 2013, and FY 2014 Federal Section 5307 Urbanized Area Formula Capital Program, Congestion Mitigation and Air Quality Improvement Program, and Surface Transportation Program grant for the purchase of expansion and replacement vehicles, the development of a park and ride lot, and the undertaking of Ozone Action Days. The revised authorization term will be March 28, 2012, through March 27, 2019. The revised authorization amount will be \$5,415,466. 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 - \$4,332,373; FY 2011, FY 2012, FY 2013, FY 2014, and FY 2015 State Restricted Comprehensive Transportation Funds - \$1,083,093.

16. PASSENGER TRANSPORTATION - Section 5317 Program

Project Authorization (22) Revision (6) under Master Agreement (2007-0236) between MDOT and the Jackson Area Transportation Authority (JATA) will retroactively extend the authorization term by approximately three months to cover the additional time needed for JATA to complete an audit to determine the eligibility of project costs incurred under JATA's previous administration. The original authorization provides toll credits as the state match for the FY 2011 Federal Section 5317 New Freedom Program grant for bus shelters. The revised authorization term will be October 1, 2010, through December 31, 2014. The authorization amount remains unchanged at \$250,000. The toll credit amount remains unchanged at \$50,000. 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 - \$250,000.

17. PASSENGER TRANSPORTATION - Section 5309 Program

Project Authorization (7) Revision (5) under Master Agreement (2007-0294) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART), which provides services in Wayne, Oakland, and Macomb Counties, will extend the authorization term by one year to provide sufficient time for SMART to complete the facility renovation projects. The final project, a large pavement replacement project, is under contract, but unforeseen conditions under the existing pavement have caused delays in the work. The original authorization provides state matching funds for SMART's FY 2007 Federal Section 5309 Capital Discretionary Program and High Priority Project grant for facility renovations. The revised authorization term will be August 31, 2007, through August 30, 2016. The authorization amount remains unchanged at \$2,187,500. 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 - \$1,750,000; FY 2007 State Restricted Comprehensive Transportation Funds - \$437,500.

18. PASSENGER TRANSPORTATION - Section 5309 Program

Project Authorization (40) Revision (3) under Master Agreement (2007-0294) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART), which provides transit service in Wayne, Oakland, Macomb, and Monroe Counties, will extend the authorization term by one year to provide sufficient time for SMART to complete the final project. The final project, a large pavement replacement project, is under contract, but unforeseen conditions under the existing pavement have caused delays in the work. The original authorization provides state matching funds for SMART's FY 2008 and FY 2009 Federal Section 5309 Capital Discretionary Program grants to provide for facility renovations. The revised authorization term will be September 23, 2010, through September 22, 2016. The authorization amount remains unchanged at \$5,312,500. 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 - \$4,250,000; FY 2010 State Restricted Comprehensive Transportation Funds - \$1,062,500.

19.-22. PASSENGER TRANSPORTATION - Section 5339 Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide federal grant funds and state matching funds for facility renovation, equipment projects, and vehicle purchases under the FY 2015 Federal Section 5339 Bus and Bus Facilities Formula Program. The authorizations will be in effect from the effective date of the federal grant through three years. The authorizations may be retroactive due to the effective dates matching the federal grant effective date. The total amount of the authorizations will be \$1,503,774. The terms of the master agreements are from October 1, 2011, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$1,173,557; FY 2015 State Restricted Comprehensive Transportation Funds - \$293,387; Insurance Proceeds - \$36,830.

| | <u>Agreement/ Authorization</u> | <u>Agency</u> | <u>Amount</u> |
|-----|-------------------------------------|---|---------------|
| 19. | 2012-0041/12 | Bay Area Transportation Authority (Grand Traverse County) | \$390,824 |
| 20. | 2012-0063/13 | Clare County Board of Commissioners | \$559,217 |
| 21. | 2012-0138/18 | Muskegon County Board of Commissioners | \$201,261 |
| 22. | 2012-0180/15 | Yates Township (Lake County) | \$352,472 |

23.-24. PASSENGER TRANSPORTATION - Section 5310 Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide federal grant funds and state matching funds under the FY 2015 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program for the purchase of replacement and expansion transportation vehicles and office equipment and for parking lot repairs. The authorizations will be in effect from the effective date of the federal grant through three years. The authorizations may be retroactive due to the effective dates matching the federal grant effective date. The total amount of the authorization will be \$2,660,048. The terms of the master agreements are from October 1, 2011, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$2,128,037; FY 2015 State Restricted Comprehensive Transportation Funds - \$532,011.

| | <u>Agreement/ Authorization</u> | <u>Agency</u> | <u>Amount</u> |
|-----|-------------------------------------|--------------------|---------------|
| 23. | 2012-0098/9 | Hope Network, Inc. | \$ 925,026 |
| 24. | 2012-0152/14 | Pioneer Resources | \$1,735,022 |

25.-26. PASSENGER TRANSPORTATION - Section 5311 Operating Program

The following project authorization revisions issued under master agreements between MDOT and the following agencies will reduce federal funds and state matching funds by \$222,794 under the FY 2015 Federal Section 5311 Formula Grants for Rural Areas Program. The funding will be replaced with federal funds and state matching funds under additional authorizations. The original authorizations provided funds to be used to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The authorization terms remain unchanged, October 1, 2013, through September 30, 2015. The revised total amount of the authorizations will be \$145,006. The terms of the master agreements are from October 1, 2011, until the last obligations between the parties have been fulfilled. These master agreements include authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$72,503; FY 2015 State Restricted Comprehensive Transportation Funds - \$72,503.

| | <u>Agreement/ Authorization</u> | <u>Agency</u> | <u>Total</u> |
|-----|-------------------------------------|-------------------------------------|--------------|
| 25. | 2012-0100/10/1 | Huron County Board of Commissioners | \$68,784 |
| 26. | 2012-0105/14/1 | City of Ionia | \$76,222 |

27. PASSENGER TRANSPORTATION – Section 5311(f) Capital

Project Authorization (8) under Master Agreement (2012-0102) between MDOT and Indian Trails, Inc., will provide federal funds and state matching funds under the FY 2016 Section 5311(f) Intercity Bus Program for the purchase of motor coaches for use in Michigan’s intercity bus program. The authorization term will be from October 1, 2015, through September 30, 2017. The authorization amount will be \$2,058,000. 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: Federal Transit Administration Funds - \$1,646,400; FY 2015 State Restricted Comprehensive Transportation Funds - \$411,600.

28. PASSENGER TRANSPORTATION - Section 5339 Program

Project Authorization (10) Revision (2) under Master Agreement (2012-0104) between MDOT and the Interurban Transit Partnership (ITP), in Kent County, will provide additional state matching funds of \$250,053 for the FY 2015 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of replacement buses and will extend the authorization term by one year to provide sufficient time for the ITP to complete the project. The original authorization provides state matching funds for ITP’s FY 2013 and FY 2014 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of replacement buses and the acquisition of a maintenance facility. The revised authorization term will be November 7, 2013, until November 6, 2019. The revised authorization amount will be \$3,667,926. 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 - \$2,934,341; FY 2013, FY 2014, and FY 2015 State Restricted Comprehensive Transportation Funds - \$733,585.

29. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (13) under Master Agreement (2012-0121) between MDOT and the Macatawa Area Express Transportation Authority, in Ottawa County, will provide state matching funds for the FY 2015 Federal Section 5307 Urbanized Area Formula Capital Program grant for the purchase of a replacement bus, shop equipment, miscellaneous support equipment, and automatic data processing hardware. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$655,000. 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: Federal Transit Administration Funds - \$524,000; FY 2015 State Restricted Comprehensive Transportation Funds - \$131,000.
30. PASSENGER TRANSPORTATION - Section 5339 Program
Project Authorization (12) Revision (2) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will provide an additional \$192,130 in state matching funds for the FY 2015 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of two replacement buses. The original authorization provides state matching funds for MTA's FY 2013 and FY 2014 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the construction of a compressed natural gas/hydrogen storage facility. The authorization term remains unchanged, April 29, 2015, through April 28, 2019. The revised authorization amount will be \$2,885,195. 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 - \$2,308,156; FY 2013, FY 2014, and FY 2015 State Transportation Funds - \$577,039.
31. PASSENGER TRANSPORTATION - Section 5307 CMAQ/Small Urban Programs
Project Authorization (13) Revision (2) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will provide an additional \$243,417 in state matching funds for the purchase of 18 replacement and expansion vehicles and will extend the authorization term by one year to provide sufficient time for MTA to complete the projects. The additional funds are provided under the FY 2015 Federal Section 5307 Urbanized Area Formula Capital Program, Congestion Mitigation and Air Quality Improvement Program, and Small Urban Program. The original authorization provides state matching funds for MTA's FY 2013 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for the purchase of replacement buses. The revised authorization term will be September 24, 2013, through September 23, 2018. The revised authorization amount will be \$4,448,099. 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 - \$3,558,479; FY 2013, FY 2014, and FY 2015 State Transportation Funds - \$889,620.

32. PASSENGER TRANSPORTATION - Section 5307 Program

Project Authorization (14) Revision (4) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will provide an additional \$1,865,682 in state matching funds for the FY 2015 Federal Section 5307 Urbanized Area Formula Capital Program grant and will extend the authorization term by one year to provide sufficient time for MTA to complete the projects. The additional funds will provide for the purchase of additional maintenance parts, shop equipment, office equipment, and vehicle equipment and for various facility projects. The original authorization provides state matching funds for MTA's FY 2013 Federal Section 5307 Urbanized Area Formula Capital Program grant for the purchase of capital maintenance parts, shop equipment, automatic data processing hardware and software, bus shelters and signage, mobile fare collection equipment, and mobile surveillance/security equipment; for preventive maintenance; for the construction, rehabilitation, and renovation of facilities; for the construction of a compressed natural gas/hydrogen storage facility; for the lease of an administrative/maintenance facility; and for the provision of job access and reverse commute operating assistance. The revised authorization term will be September 9, 2013, through September 8, 2019. The revised authorization amount will be \$28,227,419. 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 - \$20,338,852; FY 2013 State Transportation Funds - \$1,887,198; FY 2014 and FY 2015 State Restricted Comprehensive Transportation Funds - \$3,801,369; Michigan Strategic Funds - \$1,100,000; Michigan Department of Human Services Funds - \$1,100,000.

33. PASSENGER TRANSPORTATION - Section 5310 Program

Project Authorization (16) Revision (2) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will provide an additional \$51,891 in state matching funds for the FY 2015 Federal Section 5310 Elderly and Persons with Disabilities Program grant for the purchase of three additional replacement vehicles and one expansion sedan and will adjust the funding between line items. The original authorization provides state matching funds for MTA's FY 2013 Federal Section 5310 Elderly and Persons with Disabilities Program grant for the purchase of one vehicle and bus equipment. The authorization term remains unchanged, from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The revised authorization amount will be \$785,089. 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 - \$628,072; FY 2013, FY 2014, and FY 2015 State Transportation Funds - \$157,017.

34. PASSENGER TRANSPORTATION - Section 5310 Program

Project Authorization (6) Revision (3) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART), which provides service in Wayne, Oakland, and Macomb Counties, will reduce the authorization amount by \$1,280 in local funds and will extend the authorization term by one year to provide sufficient time for SMART to complete the project. The additional time is needed because the cost of buses was higher than anticipated and SMART had to identify additional funding before proceeding with the purchase. This revision removes local funding that was required in the extended purchasing contract SMART planned to use. As SMART no longer intends to use that contract, the local funds are not required. The original authorization provides state matching funds for SMART's FY 2012 Federal Section 5310 Elderly Persons and Persons with Disabilities Program grant for the purchase of buses and vans. The revised authorization term will be September 7, 2012, through September 6, 2016. The revised authorization amount will be \$2,248,938. 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 - \$1,799,150; FY 2002, FY 2011, FY 2013, and FY 2014 State Restricted Comprehensive Transportation Funds - \$449,788.

35. *PASSENGER TRANSPORTATION – Reduce Amount

Amendatory Contract (2012-0562/A5) between MDOT and Indian Trails, Inc., will reduce the contract amount by \$268,240 in federal and state funds. The funds will be transferred to Contract (2015-0313) for the continued operation of five intercity bus routes. The original contract provides Federal Section 5311(f) Intercity Bus Program funds and state funds for intercity bus operating service in Michigan. The contract term remains unchanged, August 1, 2012, through July 31, 2015. The revised contract amount will be \$6,128,058. Source of Funds: Federal Transit Administration Funds - \$2,941,914; FY 2010, FY 2011, FY 2012, FY 2013, and FY 2014 State Restricted Comprehensive Transportation Funds - \$3,186,144.

36. PASSENGER TRANSPORTATION - Service Initiatives

Project Authorization (1) Revision (1) under Master Agreement (2014-0571) between MDOT and the Michigan Transportation Connection (MTC), in Ingham County, will extend the authorization term by one year to provide sufficient time for MTC to complete the project. The additional time is needed because it is taking longer than anticipated to establish non-emergency medical transportation contracts. The original authorization provides state funds under the FY 2014 Service Initiatives program to help establish MTC, a non-profit brokerage for administering non-emergency medical transportation in Michigan. The revised authorization term will be July 17, 2014, through September 30, 2016. The authorization amount remains unchanged at \$52,500. The term of the master agreement is from July 16, 2014, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2014 through FY 2016. Source of Funds: FY 2012 State Restricted Comprehensive Transportation Funds - \$52,500.

37. *PASSENGER TRANSPORTATION - Section 5311(f) Intercity Operating Program
Contract (2015-0313) between MDOT and Indian Trails, Inc., in Owosso, Michigan, will provide Federal Section 5311(f) Intercity Bus Program funding and state funding for intercity bus operating service in Michigan. The routes include: Huron (Bay City – St. Ignace), Straits (East Lansing to St. Ignace), Sleeping Bear (Grand Rapids - Petoskey), Hiawatha (St. Ignace - Ironwood) and Superior (Hancock - Milwaukee, Wisconsin). Indian Trails, Inc., will provide service throughout Michigan, as well as a connection to the national bus system. Service will be provided from August 1, 2015, through July 31, 2017, and the operating assistance will be based on an average rate of \$3.63 per mile less revenues. The contract will be in effect from August 1, 2015, through July 31, 2017. The contract amount will be \$4,085,260. Source of Funds: Federal Transit Administration Funds - \$2,042,630; FY 2014, FY 2015, FY 2016, and FY 2017 State Restricted Comprehensive Transportation Funds - \$2,042,630.
38. RAIL - Section 5309 Program
Project Authorization (11) Revision (1) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART), in Wayne County, will extend the authorization term by two years to provide sufficient time for land ownership issues to be processed through the court system. The original authorization provides state matching funds for SMART's FY 2010 Federal Section 5309 Capital Discretionary Program grant for transit access and amenities at the Troy-Birmingham Intermodal Center. The revised authorization term will be September 26, 2012, through September 25, 2017. The authorization amount remains unchanged at \$1,625,000. 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: Federal Transit Administration Funds - \$1,300,000; FY 2003 State Restricted Comprehensive Transportation Funds - \$318,600; SMART Funds - \$6,400.
39. RAIL - Rail Passenger Maintenance
Project Authorization (1) Revision (3) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the spending authority by \$5,994,408 to provide maintenance costs through September 2015. The original authorization provides for managed maintenance of the rail line purchased by MDOT from Norfolk Southern Railway Company between Kalamazoo and Dearborn on the Chicago-Detroit/Pontiac High Speed Rail Corridor. MDOT reimburses Amtrak for eligible costs under the approved scope of work and spending plan. The authorization term remains unchanged, December 7, 2012, through September 30, 2015. The revised authorization amount will be \$33,298,021. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: Federal Railroad Administration Funds/American Recovery and Reinvestment Act of 2009 (ARRA) - \$15,816,420; FY 2012 State Restricted Comprehensive Transportation Funds - \$17,481,601.

40. RAIL - Rail Passenger Capital
Project Authorization (2) Revision (4) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the spending authority by \$58,815,884.58 to provide for the remaining capital work until September 2015. The original authorization provides for capital work to be performed on the rail line purchased by MDOT from Norfolk Southern Railway Company between Kalamazoo and Dearborn on the Chicago-Detroit/Pontiac High Speed Rail Corridor. MDOT reimburses Amtrak for eligible costs under the approved scope of work and spending plan. The authorization term will remain unchanged from December 7, 2012, through September 30, 2015. The revised authorization amount will be \$170,961,139.43. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: Federal Railroad Administration Funds/American Recovery and Reinvestment Act of 2009 (ARRA) - \$164,538,605.22; FY 2012 State Restricted Comprehensive Transportation Funds - \$6,422,534.21.
41. *RAIL - Reduce Amount
Amendatory Contract (2012-0235/A2) between MDOT and the National Railroad Passenger Corporation (Amtrak) will reduce the contract amount by \$25,300,000 in federal funds to match the actual costs of authorizations funded with federal funds. The original contract provides for the authorization of the expenditure of funds for long-lead items of work needed to advance the operation and maintenance of the railroad line being purchased from Norfolk Southern Railway Company under Contract (2012-0224). The contract term remains unchanged, June 6, 2012, through September 30, 2017. The revised contract amount will be \$21,700,000. Source of Funds: Federal Railroad Administration Funds/American Recovery and Reinvestment Act of 2009 (ARRA) - \$14,794,000; FY 2011 State Restricted Comprehensive Transportation Funds - \$6,906,000.
42. *RAIL - Freight Economic Development Program
Contract (2015-0325) between MDOT and Northern Dry Bulk, Inc., will provide financial assistance in the form of a loan for the construction of a new rail transloading facility in Grand Rapids, Michigan. This project will help to create three to four new full-time positions for the operation at the facility and will support several driver positions. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the loan has been fully repaid. The estimated project cost is \$695,000. MDOT will loan Northern Dry Bulk, Inc., 50 percent of the project cost, up to a maximum amount of \$347,500. Provisions included in the contract permit the loan to be forgiven incrementally over a five-year period based on carloads shipped to/from the facility via rail. Northern Dry Bulk, Inc., commits to shipping/receiving a minimum of 250 carloads of freight to/from the facility via rail annually over and above the 50 existing carloads expected to transfer from the Clare facility. Source of Funds: FY 2015 State Restricted Comprehensive Transportation Funds - \$347,500; Northern Dry Bulk, Inc., Funds - \$347,500.
43. *TRANSPORTATION PLANNING - Jurisdictional Transfer
Memorandum of Understanding (MOU) (2015-0327) between MDOT and the Wexford County Road Commission will transfer jurisdiction of a segment of Old US-131 from 34 Road (Boon Road) north to a point approximately 0.35 miles south of southbound US-131, a distance of about 2.88 miles, in control section 83032, from MDOT to the County. Jurisdiction will transfer from MDOT to the Wexford County Road Commission upon the date of the award of the MOU. This is a zero dollar MOU.

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 May 20, 2015.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

LETTING STATISTICS

JUNE 5, and 10, 2015

STATE PROJECTS OVERVIEW

The June 5, and 10, 2015, Bid Lettings included nine State trunkline projects with \$18.0 million in engineer estimates. The low bids received totaled \$18.5 million. The average low bid was \$1.4 million and the median of \$872.1 thousand. In comparing State projects for June of 2014, 36 State projects were let with \$47.4 million in engineer estimates and a low bid total of \$49.4 million.

Of the nine State projects let in June, seven included warranties with \$11.0 million as the low bid total. The nine State projects received a total of 43 bids.

For fiscal year to date, 215 State projects have been let with the low bid total of \$806.6 million. Compared to the same period last year, 246 State projects were let with a low bid total of \$675.7 million.

PROJECTS BID SUMMARY

The total number of bids received for the 109 projects let in June of 2015 was 374 for an average of 3.43 bids per project. Included in the project count of 109 is one Local area project for which no bids were received.

There was one project postponed and two projects withdrawn from the June 5, letting. In addition, one Local area project received no bids and currently, all bids have been rejected for one Local project.

Of the 126 contracting companies eligible to bid for the June bid lettings, 113 submitted at least one bid.

JOB PROJECTIONS

The list of jobs projected to be let during FY 2015 was updated on 5/20/2015 to include a total of 271 State jobs with a total construction cost estimate of \$735.7 million.

For fiscal year to date through June 10, 122.1% of State jobs anticipated for this period have been let using 117.3% of the projected cost estimates. For this same period last year, 114.0% of State jobs were let using 96.0% of the projected construction costs.

UPCOMING LETTING STATS

The **July 10, 2015**, Bid Letting is currently advertising 24 State trunkline projects with total cost estimates of \$28.2 million. Of the 24 State projects advertised, three include warranties with \$14.9 million in engineers' estimates. In addition, 48 Local area projects with a total estimated cost of \$44.1 million and three Aeronautics projects with total engineer estimates of \$1.1 million, are advertised.

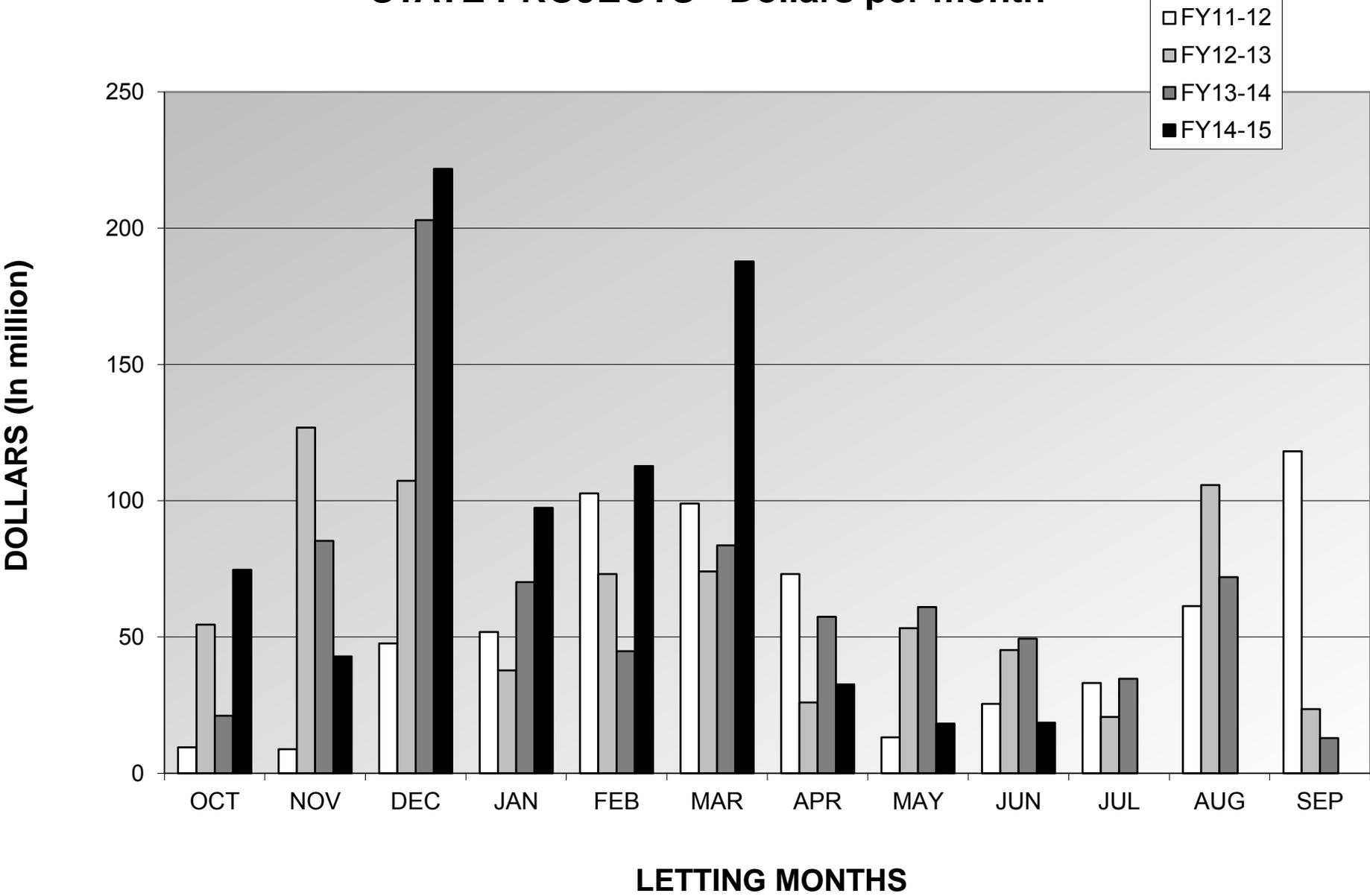
SUMMARY OF JUNE 5 and 10, 2015 - LETTING STATISTICS

| STATISTICS | PROJECT AREA | | | | |
|--|-----------------|-----------------|----------------|------------------|-----------------|
| | STATE | LOCAL | AERO | FREIGHT SERVICES | TOTALS |
| Project Report | | | | | |
| Number of Projects Let | 13 | 84 | 11 | 1 | 109 |
| Engineer Estimates of Projects Let | \$18,002,657.91 | \$68,264,703.28 | \$3,151,618.50 | \$1,050,458.00 | \$90,469,437.69 |
| Low Bid Report | | | | | |
| Low Bid Totals | \$18,531,430.94 | \$69,518,915.51 | \$3,002,639.09 | \$1,039,578.50 | \$92,092,564.04 |
| % over/under eng. est. of projects let | 2.94% | 1.84% | -4.73% | 0.00% | 1.79% |
| All Bid Rejection Report | | | | | |
| All Bid Rejection(s) | 0 | 1 | 0 | 0 | 1 |
| All Bid Rejection(s) Engineer's Estimate | \$0.00 | \$2,181,014.82 | \$0.00 | \$0.00 | \$2,181,014.82 |
| All Bid Rejection(s) Low Bid Amount | \$0.00 | \$3,119,721.81 | \$0.00 | \$0.00 | \$3,119,721.81 |
| % over/under eng. est. of projects all bids rejected | 0.00% | 43.04% | 0.00% | 0.00% | 43.04% |
| TBA Report - Low Bids Pending | | | | | |
| Number of TBAs | 3 | 16 | 1 | 0 | 20 |
| Engineer Estimates | \$3,704,080.08 | \$11,285,552.44 | \$469,112.00 | \$0.00 | \$15,458,744.52 |
| Low Bid Amounts | \$4,436,871.86 | \$13,154,488.24 | \$559,888.88 | \$0.00 | \$18,151,248.98 |
| % over/under engineer's estimate of TBA items | 19.78% | 16.56% | 19.35% | 0.00% | 17.42% |
| Bidder (Bids) Report | | | | | |
| Number of Bids Received | 43 | 291 | 38 | 2 | 374 |
| Average # of Bidders per Project | 3.31 | 3.46 | 3.45 | 2.00 | 3.43 |

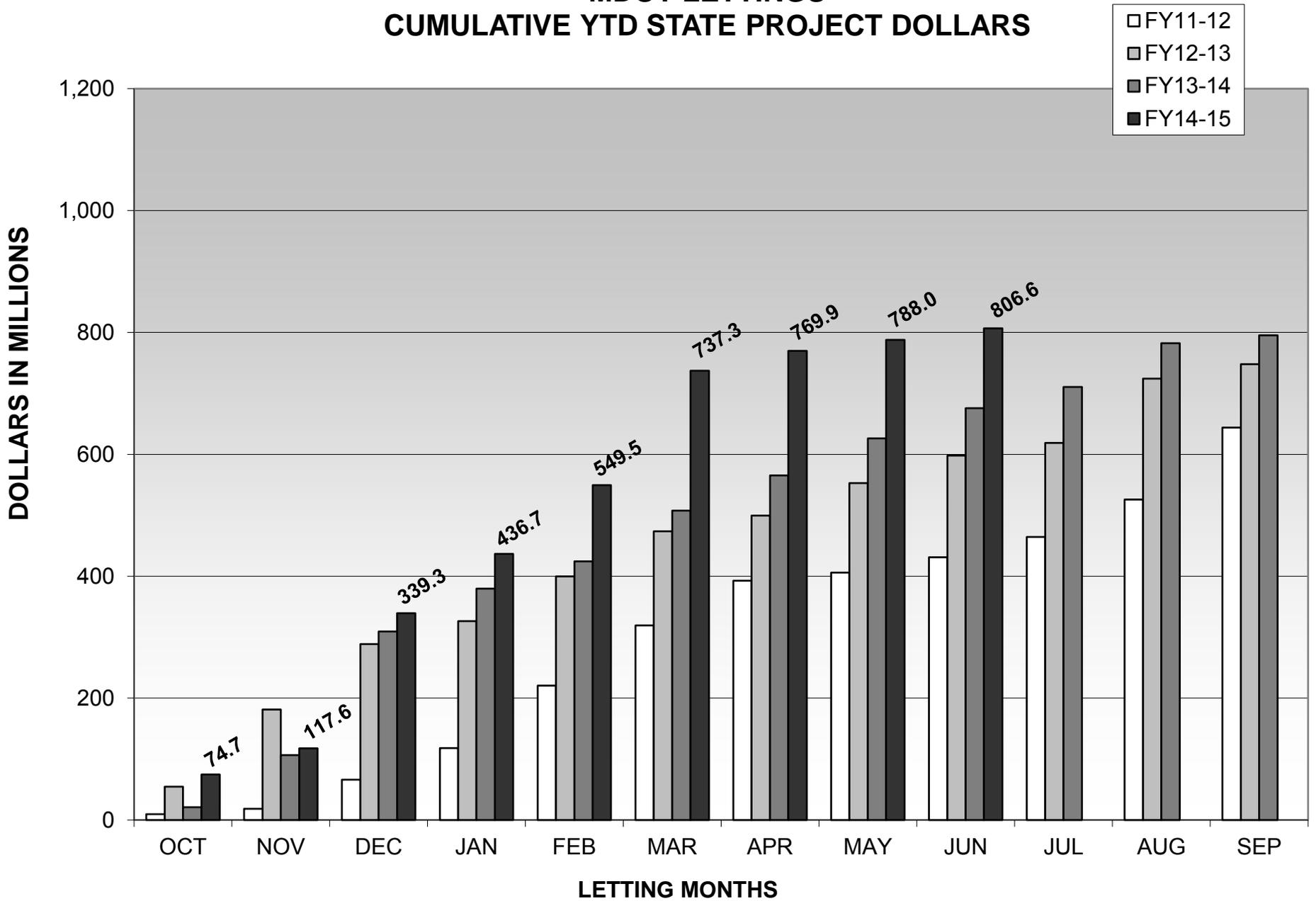
U P C O M I N G L E T T I N G P R O J E C T I O N S :

| | <u>State</u> | <u>Local</u> | <u>Aero</u> | <u>Freight Services</u> | <u>Totals</u> |
|--|--------------|--------------|-------------|-------------------------|---------------|
| July 10, 2015, Bid Letting | | | | | |
| # of proj. advertised | 24 | 48 | 3 | 0 | 75 |
| # of projects with warranties | 3 | 0 | 0 | 0 | 3 |
| \$ Eng. Est. of projects advertised (In million) | \$28.2 | \$44.1 | \$1.1 | \$0.0 | \$73.4 |
| \$ Eng. Est. of warranty projects (In million) | \$14.9 | \$0.0 | \$0.0 | \$0.0 | \$14.9 |

MDOT LETTINGS STATE PROJECTS - Dollars per month



MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



AVERAGE NUMBER OF BIDDERS

JUNE 2013 through JUNE 2015



NUMBER OF PROJECTS WITH SPECIFIED BIDS - BY REGION

June 5 and 10, 2015 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 | | | 4 | 5 | 3 | 3 | 1 | | 2 | | | 18 |
| GRAND | | | 5 | 3 | 2 | | | | | | | 10 |
| METRO | | 1 | 5 | 3 | 5 | 2 | 2 | | | | | 18 |
| NORTH | | 1 | 1 | 4 | 1 | 2 | | 1 | | | | 10 |
| SOUTHWEST | | 1 | 5 | 2 | 1 | 1 | | 1 | | | | 11 |
| SUPERIOR | 1 | | 8 | | 2 | | | | | | | 11 |
| UNIVERSITY | | 1 | 6 | 3 | 1 | 3 | 3 | 2 | | 1 | | 20 |
| AERO | | | 4 | 4 | | 2 | | | 1 | | | 11 |
| NUMBER OF BIDS ON PROJECTS | 1 | 4 | 38 | 24 | 15 | 13 | 6 | 4 | 3 | 1 | 0 | Total 109 |

LETTING STATISTICS

JULY 10, 2015

STATE PROJECTS OVERVIEW

The July 10, 2015, Bid Letting, included 23 State trunkline projects with \$25.5 million in engineer estimates. The low bids received totaled \$29.1 million. The average low bid for the 23 State projects was \$1.3 million and the median of \$489.7 thousand. In comparing State projects for July of 2014, 26 State projects were let with \$33.1 million in engineer estimates and a low bid total of \$34.6 million.

Of the 23 State projects let in July, three included warranties with \$16.9 million as the low bid total. The 23 State projects received a total of 69 bids.

For fiscal year to date, 238 State projects have been let with the low bid total of \$835.7 million. Compared to the same period last year, 272 State projects were let with a low bid total of \$710.3 million.

PROJECTS BID SUMMARY

The total number of bids received for the 74 projects let in July of 2015 was 238 for an average of 3.22 bids per project.

There were two projects withdrawn from the July 10th letting and currently, there are no projects for which all bids have been rejected.

Of the 101 contracting companies eligible to submit bids for the July bid letting, 84 submitted at least one bid.

JOB PROJECTIONS

The list of jobs projected to be let during FY 2015 was updated on 6/16/15 to include a total of 266 State jobs with a total construction cost estimate of \$728.2 million.

For fiscal year to date through July, 131.6% of State jobs anticipated for this period have been let using 119.2% of the projected cost estimates. For this same period last year, 121.4% of State jobs were let using 100.2% of the projected construction costs.

UPCOMING LETTING STATS

The **August 7, 2015**, Bid Letting is currently advertising 12 State trunkline projects with a total cost estimate of \$10.3 million. Of the 12 State projects advertised, two include warranties with \$3.7 million in engineers' estimates. Additionally for this letting, 29 Local area projects with a total estimated cost of \$23.1 million and one Aeronautics project with an engineer estimate of \$588.3 thousand are advertised.

A CMGC innovative contracting method project is currently advertised for the design phase of a railroad track improvement project. This cost estimate for this project is \$3.3 million. The anticipated start date is October 12, 2015.

Note: Information provided in this report is subject to change

SUMMARY OF JULY 10, 2015 - LETTING STATISTICS

| STATISTICS | PROJECT AREA | | | | |
|--|-----------------|-----------------|----------------|------------------|-----------------|
| | STATE | LOCAL | AERO | FREIGHT SERVICES | TOTALS |
| Project Report | | | | | |
| Number of Projects Let | 23 | 48 | 3 | 0 | 74 |
| Engineer Estimates of Projects Let | \$25,538,295.47 | \$44,096,585.30 | \$1,148,505.00 | \$0.00 | \$70,783,385.77 |
| Low Bid Report | | | | | |
| Low Bid Totals | \$29,090,313.31 | \$45,011,657.85 | \$1,248,527.51 | \$0.00 | \$75,350,498.67 |
| % over/under eng. est. of projects let | 13.91% | 2.08% | 8.71% | 0.00% | 6.45% |
| All Bid Rejection Report | | | | | |
| All Bid Rejection(s) | 0 | 0 | 0 | 0 | 0 |
| All Bid Rejection(s) Engineer's Estimate | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| All Bid Rejection(s) Low Bid Amount | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| % over/under eng. est. of projects all bids rejected | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| TBA Report - Low Bids Pending | | | | | |
| Number of TBAs | 8 | 14 | 1 | 0 | 23 |
| Engineer Estimates | \$18,673,953.42 | \$10,795,098.18 | \$745,225.00 | \$0.00 | \$30,214,276.60 |
| Low Bid Amounts | \$22,937,886.59 | \$12,702,247.43 | \$870,231.51 | \$0.00 | \$36,510,365.53 |
| % over/under engineer's estimate of TBA items | 22.83% | 17.67% | 16.77% | 0.00% | 20.84% |
| Bidder (Bids) Report | | | | | |
| Number of Bids Received | 69 | 159 | 10 | 0 | 238 |
| Average # of Bidders per Project | 3.00 | 3.31 | 3.33 | 0.00 | 3.22 |

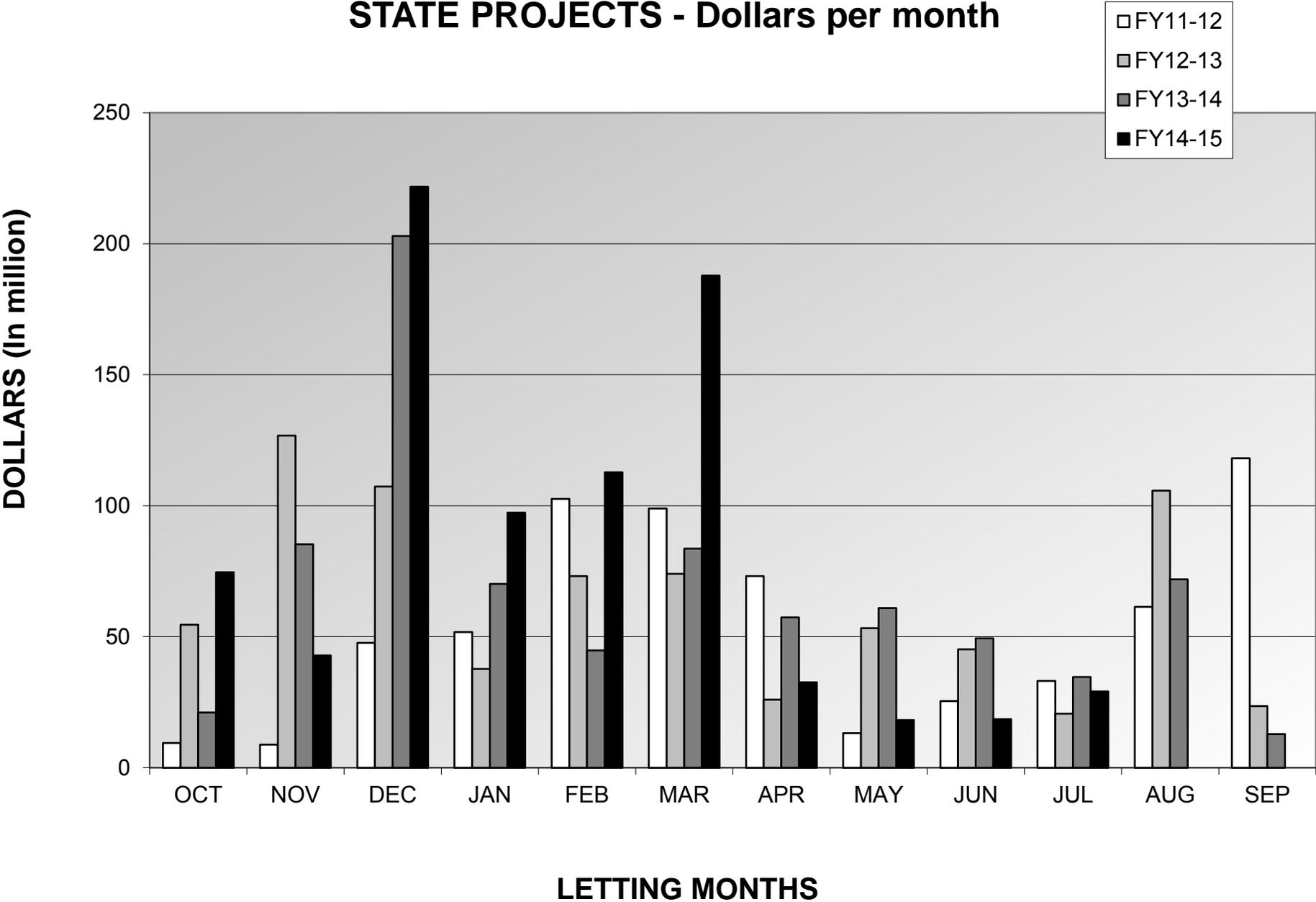
U P C O M I N G L E T T I N G P R O J E C T I O N S :

| | <u>State</u> | <u>Local</u> | <u>Aero</u> | <u>Freight Services</u> | <u>Totals</u> |
|--|--------------|--------------|-------------|-------------------------|---------------|
| August 7, 2015 - Bid Letting | | | | | |
| # of proj. advertised | 12 | 29 | 1 | 0 | 42 |
| # of projects with warranties | 2 | 0 | 0 | 0 | 2 |
| \$ Eng. Est. of projects advertised (In million) | \$10.3 | \$23.1 | \$0.6 | \$0.0 | \$34.0 |
| \$ Eng. Est. of warranty projects (In million) | \$3.7 | \$0.0 | \$0.0 | \$0.0 | \$3.7 |

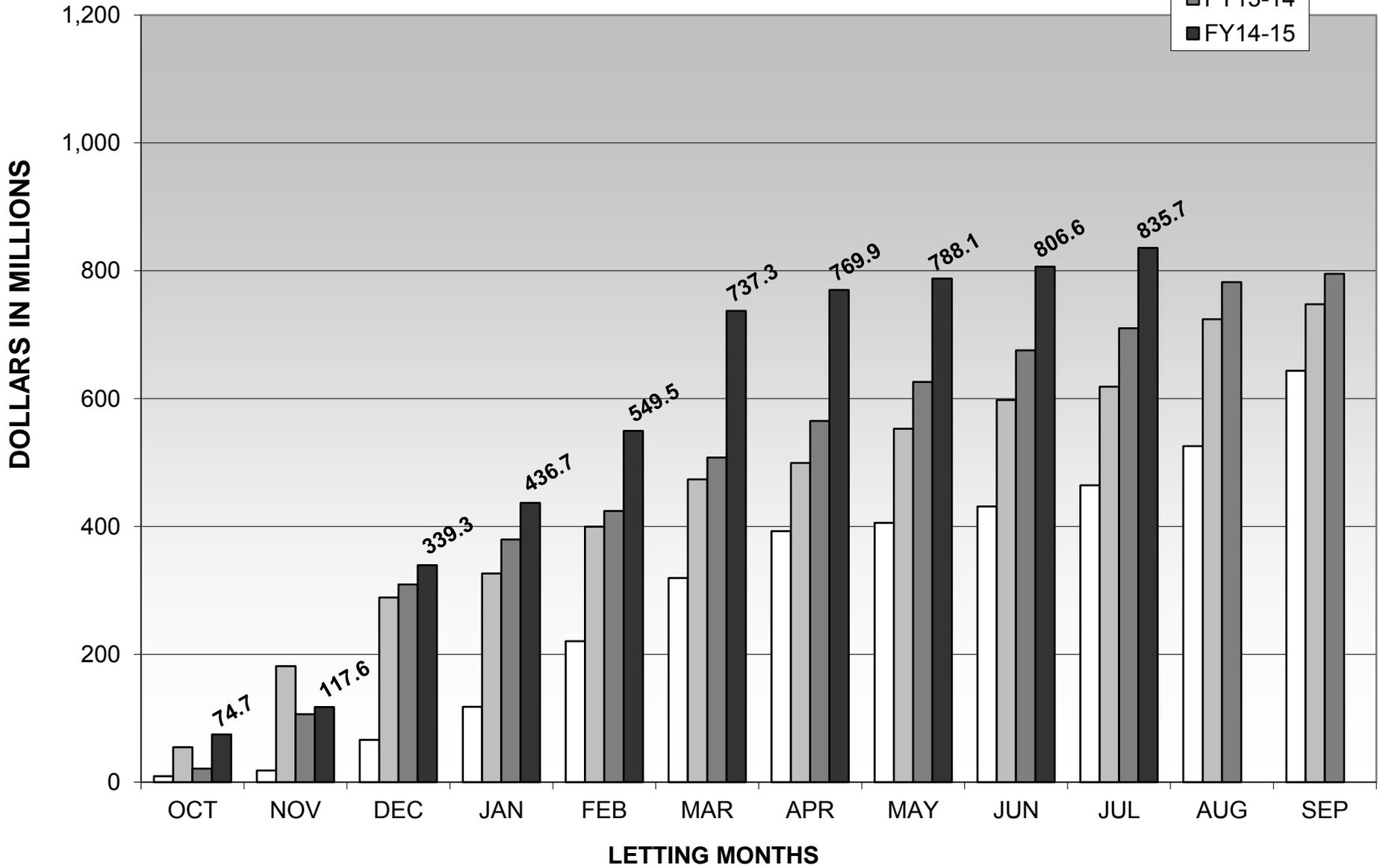
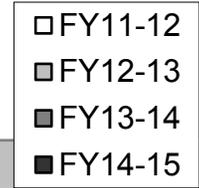
CMGC - Innovative Contract

| | | | | | |
|--|-------|--|--|--|--|
| # of proj. advertised | 1 | | | | |
| # of projects with warranties | 0 | | | | |
| \$ Eng. Est. of projects advertised (In million) | \$3.3 | | | | |

MDOT LETTINGS STATE PROJECTS - Dollars per month

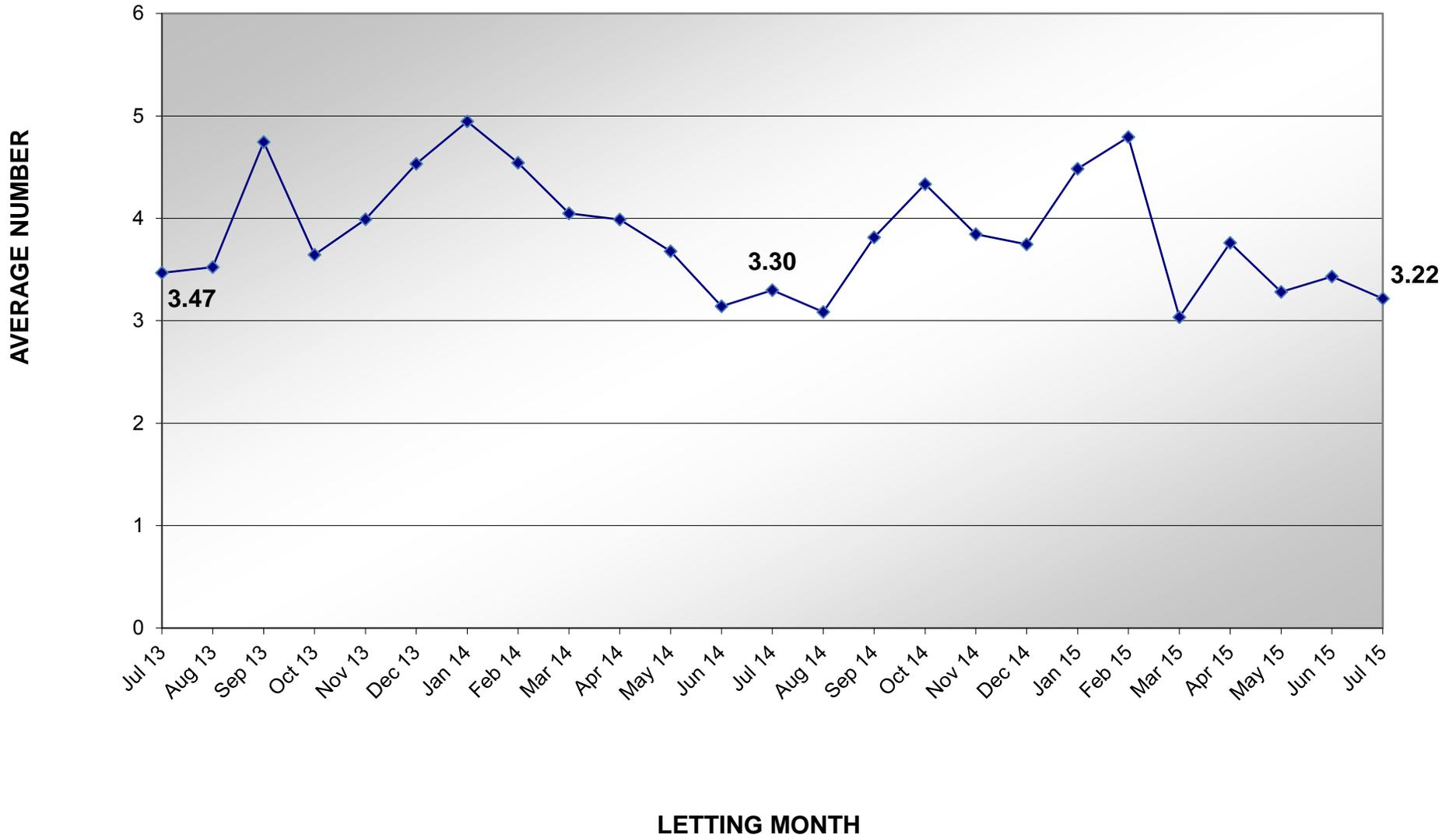


MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



AVERAGE NUMBER OF BIDDERS

JULY 2013 through JULY 2015



NUMBER OF PROJECTS WITH SPECIFIED BIDS - BY REGION

JULY 10, 2015 Letting

| 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 | | | 4 | 1 | 5 | 4 | 1 | | | | | 15 |
| GRAND | | | 6 | 2 | 2 | 2 | 1 | | | | | 13 |
| METRO | | | 3 | 3 | 1 | 1 | | | | | | 8 |
| NORTH | | | 7 | 4 | | 1 | | | | | | 12 |
| SOUTHWEST | | | 4 | 2 | 2 | 1 | 1 | | | | | 10 |
| SUPERIOR | | | 3 | 2 | | | | | | | | 5 |
| UNIVERSITY | | | 1 | 3 | 3 | | 1 | | | | | 8 |
| AERO | | | 1 | | 2 | | | | | | | 3 |
| NUMBER OF BIDS ON PROJECTS | 0 | 0 | 29 | 17 | 15 | 9 | 4 | 0 | 0 | 0 | 0 | Total 74 |

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

July 23, 2015

The following contracts are being submitted for approval.

STATE PROJECTS

1. Letting of August 7, 2015
Letting Call: 1508 010
Project: TAL 20022-119151, ETC
Local Agreement:
Start Date: March 14, 2016
Completion Date: July 15, 2016

Prequalification Level:
\$1,790,000.00

Application of epoxy overlay to existing bridge deck, deck patching, joint replacement, structural steel repair, cleaning and coating of existing structural steel, substructure repair, and approach reconstruction on M-72 over the Au Sable River and on M-72/I-75BL over the South Branch Au Sable River in the city of Grayling, Crawford County. This project includes a 2 year bridge painting warranty.

3.00 % DBE participation required

2. Letting of August 7, 2015
Letting Call: 1508 016
Project: ST 39900-125851
Local Agreement:
Start Date: April 13, 2016
Completion Date: May 21, 2016

Prequalification Level:
\$607,000.00

0.16 mi of hot mix asphalt removal, cold milling and resurfacing, concrete curb, gutter, driveway and spillway, aggregate base, storm sewer, signing, and pavement markings on East Cork Street and Park Circle Drive, Kalamazoo County.

3.00 % DBE participation required

3. Letting of August 7, 2015
Letting Call: 1508 017
Project: NH 52042-126919
Local Agreement:
Start Date: September 1, 2015
Completion Date: 28 Working Days

Prequalification Level:
\$1,880,000.00

6.71 mi of hot mix asphalt cold milling and resurfacing, and detail 7 and 8 joint repairs on US-41/M-28 from east of Iroquois Street to west of County Road 492 (HQ) in the city of Negaunee, Marquette County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

4. Letting of August 7, 2015
Letting Call: 1508 018
Project: HSIP 03072-123525
Local Agreement: 15-5314
Start Date: September 9, 2015
Completion Date: May 15, 2016

Prequalification Level:
\$1,517,000.00

0.70 mi of hot mix asphalt construction, storm sewer, signal installation, signing, and pavement markings on M-40 at Interchange Drive in the city of Holland, Allegan County.

3.00 % DBE participation required

5. Letting of August 7, 2015
Letting Call: 1508 019
Project: NH 82081-125632
Local Agreement:
Start Date: September 1, 2015
Completion Date: September 19, 2017

Prequalification Level:
\$1,319,000.00

Installation of sedimentation control measures, removal of existing vegetation, construction of temporary access ways, installation of scour countermeasures, and slope restoration at M-153 (Ford Road) over the Rouge River in the cities of Dearborn and Dearborn Heights, Wayne County.

3.00 % DBE participation required

6. Letting of August 7, 2015
Letting Call: 1508 020
Project: M 38131-M61533
Local Agreement:
Start Date: September 8, 2015
Completion Date: September 25, 2015

Prequalification Level:
\$639,000.00

1.79 mi of hot mix asphalt cold milling and resurfacing on US-127/M-50 from Boardman Road to north of Springport Road, Jackson County.

0.00 % DBE participation required

LOCAL PROJECTS

7. Letting of August 7, 2015
Letting Call: 1508 001
Project: STU 63459-126953
Local Agreement: 15-5368
Start Date: 10 days after award
Completion Date: June 3, 2017

Prequalification Level:
\$3,897,000.00

1.62 mi of hot mix asphalt surfacing, embankment, earth excavation, building removal, aggregate base and shoulder, storm sewer, guardrail, and traffic signal on Clyde Road from west of Tipsico Lake Road to east of Hickory Ridge Road, Oakland County.

5.00 % DBE participation required

8. Letting of August 7, 2015
 Letting Call: 1508 002
 Project: MCS 28005-115761
 Local Agreement: 15-5330
 Start Date: 10 days after award
 December 31, 2016
 Completion Date:
- Prequalification Level:
\$2,897,000.00
- Bridge removal and replacement with prestressed, concrete beams and approach work on Cass Road over Boardman River, Grand Traverse County.
- 0.00 % DBE participation required
9. Letting of August 7, 2015
 Letting Call: 1508 003
 Project: STU 80405-121115
 Local Agreement: 15-5367
 Start Date: 10 days after award
 Completion Date: June 17, 2016
- Prequalification Level:
\$951,000.00
- 1.00 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders, driveway, and permanent pavement markings on East Red Arrow Highway from County Road 652 (24th Street) east to Van Kal Avenue (22nd Street), Van Buren County.
- 4.00 % DBE participation required
10. Letting of August 7, 2015
 Letting Call: 1508 006
 Project: TAUL 38566-122427, ETC
 Local Agreement: 15-5372
 Start Date: 10 days after award
 Completion Date: September 19, 2017
- Prequalification Level:
\$582,000.00
- 0.45 mi of cold milling hot mix asphalt and resurfacing, bike lane, concrete curb, gutter, sidewalk and ramps, drainage, streetscape, and pavement marking on Fifth Street from South Lakeside Drive to Page Avenue, Jackson County.
- 3.00 % DBE participation required
11. Letting of August 7, 2015
 Letting Call: 1508 007
 Project: STU 77900-126515
 Local Agreement: 15-5366
 Start Date: 10 days after award
 Completion Date: May 30, 2016
- Prequalification Level:
\$2,158,000.00
- 3.03 mi of hot mix asphalt surfacing, earth excavation, embankment, aggregate base, culverts, drainage, and guardrail on Shortcut Road from Church Road to Palms Road, St. Clair County.
- 5.00 % DBE participation required

12. Letting of August 7, 2015
Letting Call: 1508 011
Project: STU 82457-126949
Local Agreement: 15-5382
Start Date: 10 days after award
Completion Date: 55 Working Days

Prequalification Level:
\$1,780,000.00

1.07 mi of hot mix asphalt cold milling and resurfacing, aggregate base, concrete pavement, pavement repair, concrete curb capping, sidewalk ramps, and pavement markings on Chandler Park Drive from northwest of Cadieux Road to Moross Road in the city of Detroit, Wayne County.

4.00 % DBE participation required

13. Letting of August 7, 2015
Letting Call: 1508 012
Project: STU 82457-126212-2
Local Agreement: 15-5135
Start Date: March 15, 2016
Completion Date: 120 Calendar Days

Prequalification Level:
\$1,044,000.00

0.48 mi of hot mix asphalt cold milling and resurfacing, pavement repair, concrete curb, gutter, sidewalk and ramps, signing, watermain, and pavement markings on Schaefer Road from Michigan Avenue (US-12) north to Ford Road (M-153) and on Prospect Avenue from west of Schlaff Street east to Schaefer Road in the city of Dearborn, Wayne County.

8.00 % DBE participation required

14. Letting of August 7, 2015
Letting Call: 1508 022
Project: NH 82457-126992
Local Agreement: 15-5383
Start Date: 10 days after award
Completion Date: 40 Working Days

Prequalification Level:
\$1,234,000.00

0.95 mi of hot mix asphalt cold milling and resurfacing, pavement repair, concrete curb patching, sidewalk and ramps, signing, and pavement markings on Inkster Road from Plymouth Road north to Schoolcraft Road in the city of Livonia, Wayne County.

4.00 % DBE participation required

15. Letting of August 7, 2015
Letting Call: 1508 023
Project: EDDF 81471-126196, ETC
Local Agreement: 15-5361
Start Date: 10 days after award
Completion Date: June 3, 2016

Prequalification Level:
\$1,168,000.00

9.61 mi of hot mix asphalt cold milling and resurfacing, gravel shoulder touch up, installation of pedestrian signals, traffic loops, and pavement markings on Old US-12, on Saline Road, and on Six Mile Road, Washtenaw County.

3.00 % DBE participation required

16. Letting of August 7, 2015
Letting Call: 1508 024
Project: NH 82457-126989
Local Agreement: 15-5412
Start Date: 10 days after award
Completion Date: 50 Working Days

Prequalification Level:
\$1,151,000.00

0.87 mi of concrete pavement, curb, gutter, sidewalk and ramps, crack and joint sealing, and pavement markings on Merriman Road from I-94 westbound north to south of Ecorse Road in the city of Romulus, Wayne County.

4.00 % DBE participation required

17. Letting of August 7, 2015
Letting Call: 1508 035
Project: HSIP 70609-123791
Local Agreement: 15-5415
Start Date: 10 days after award
Completion Date: October 30, 2015

Prequalification Level:
\$517,000.00

0.22 mi of hot mix asphalt cold milling and resurfacing, widening, drainage, watermain, concrete curb, gutter, sidewalk and ramps, and pavement marking on 16th Street from Hoover Boulevard east to Waverly Road and on Waverly Road from 16th Street southerly in the city of Holland, Ottawa County.

3.00 % DBE participation required

AERONAUTICS

18. Letting of August 7, 2015
Letting Call: 1508 034
Project: FM 77381-125014
Local Agreement:
Start Date: September 28, 2015
Completion Date: 30 Calendar Days

Prequalification Level:
\$588,000.00

Taxiway J, K, and P rehabilitation at the St. Clair County International Airport, city of Port Huron, St. Clair County.

3.00 % 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 May 20, 2015.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

July 23, 2015

The following contracts are being submitted for approval.

STATE PROJECTS

1. Letting of August 7, 2015 Prequalification Level:
Letting Call: 1508 038 **\$543,000.00**
Project: M 63052-M71541
Local Agreement:
Start Date: September 8, 2015
Completion Date: November 15, 2015

1.75 mi of hot mix asphalt pavement repairs using thermal bond method and pavement marking on US-24 from Elizabeth Lake Road north to Orchard Lake Road, Oakland County.

0.00 % DBE participation required

2. Letting of August 7, 2015 Prequalification Level:
Letting Call: 1508 039 **\$860,000.00**
Project: M 63052-M71542
Local Agreement:
Start Date: September 8, 2015
Completion Date: November 15, 2015

Longitudinal joint filling and microsurfacing on M-1 from Quarton Road to Square Lake Road, on Square Lake Road from US-24 to M-1, and on US-24 from I-696 to 12 Mile Road, Oakland County.

0.00 % DBE participation required

3. Letting of August 7, 2015 Prequalification Level:
Letting Call: 1508 043 **\$763,000.00**
Project: 82900-M71582
Local Agreement:
Start Date: 10 days after award
Completion Date: July 1, 2016

Removal and replacement of existing attenuators along various routes at 13 locations, Wayne County.

0.00 % DBE participation required

4. Letting of August 7, 2015. Prequalification Level:
Letting Call: 1508 044 \$594,000.00
Project: M 11057-M51502
Local Agreement:
Start Date: September 8, 2015
October 16, 2015 Completion Date:

12.00 mi of concrete pavement repairs on US-31 from US-12 to M-139, Berrien County.

0.00 % DBE participation required

5. Letting of August 7, 2015 Prequalification Level:
Letting Call: 1508 045 \$714,000.00
Project: M 14061-M51503
Local Agreement:
Start Date: September 28, 2015
Completion Date: October 9, 2015

2.94 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-60 from east of Hospital Street to east of Stone Lake Drive, Cass County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

CMGC (Construction Manager/General Contractor) PROJECT

6. Letting of: Undetermined Prequalification Level:
Project: 13900-128086A \$13,289,900.00
Local Agreement:
Start Date: October 12, 2015
Completion Date: August 2015

A section of the Michigan Line, a federally-designated high speed rail corridor in Kalamazoo and Calhoun Counties, has been selected for a Transportation Investment Generating Economic Recovery (TIGER) grant to fund a railroad track improvement project. MDOT is developing this project using the innovative contracting method Construction Manager/General Contractor (CMGC), which allows MDOT and its design consultant to work cooperatively with the selected CMGC contractor during the design phase of the project in order to improve constructability, improve coordination with the railroads, and minimize impacts to intercity and freight rail services.

MDOT has broken the scope of work for the TIGER grant into two separate construction contracts, which will reduce construction time and user delays. The initial contract (Contract A, Job No. 128086A) will set the stage for the second contract by completing necessary track stabilization work, including mainline tie replacement and turnout repairs. The second contract (Contract B, Job No. 126514A) will improve track geometry to allow faster train speeds and improve grade crossing conditions throughout the section. Information on Contract B will be provided when the design for this portion of the project is advanced further.

MDOT's current estimate for Contract A is \$3,289,890.00, and final price negotiations are expected to be completed in early August 2015. The anticipated start date for construction is October 12, 2015.

0.00% DBE participation required

LOCAL PROJECT

7. Letting of August 7, 2015
Letting Call: 1508 037
Project: STL 11555-123763
Local Agreement: 15-5389
Start Date: 10 days after award
Completion Date: August 1, 2016

Prequalification Level:
\$992,000.00

Culvert lining rehabilitation on Red Arrow Highway at Cherry Beach Road, Berrien County.

0.00 % 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 May 20, 2015.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

2. Letting of July 10, 2015
 Letting Call: 1507 064 Low Bid: **\$648,962.13**
 Project: M 11111-M51501 Engineer Estimate: \$564,351.82
 Local Agreement: Pct Over/Under Estimate: 14.99 %
 Start Date: September 8, 2015
 Completion Date: September 21, 2015

4.04 mi of hot mix asphalt, cold milling and resurfacing on I-94 westbound and I-196 at various locations, Berrien County.

0.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|---|---------------------|-------------|-------------|
| Rieth-Riley Construction Co., Inc. | \$648,962.13 | Same | 1 ** |
| Michigan Paving and Materials Comp | \$756,712.25 | Same | 2 |

Total Number of Bidders: 2

LOCAL PROJECTS

3. Letting of June 5, 2015
 Letting Call: 1506 054 Low Bid: **\$589,973.50**
 Project: STUL 73404-120662-2 Engineer Estimate: \$494,119.20
 Local Agreement: 15-5011 Pct Over/Under Estimate: 19.40 %
 Start Date: July 20, 2015
 Completion Date: November 6, 2015

0.49 mi of hot mix asphalt removal and resurfacing, concrete pavement repairs, joints, driveway, curb, gutter, sidewalk and ramps, sanitary, drainage, water service leads, and pavement markings on Mackinaw Street from State Street (M-58) northerly to Weiss Street in the city of Saginaw, Saginaw County.

4.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|-------------------------------|---------------------|-------------|-------------|
| C & D Hughes, Inc. | \$589,973.50 | Same | 1 ** |
| Florence Cement Company | \$597,611.12 | Same | 2 |
| Crawford Contracting, Inc. | \$631,750.39 | Same | 3 |
| Tri-City Groundbreakers, Inc. | \$653,119.00 | Same | 4 |

Total Number of Bidders: 4

4. Letting of July 10, 2015
 Letting Call: 1507 034
 Project: STU 41481-124558
 Local Agreement: 15-5349
 Start Date: 10 days after award
 Completion Date: October 30, 2015

Low Bid: **\$805,583.25**
 Engineer Estimate: \$720,790.25
 Pct Over/Under Estimate: 11.76 %

0.53 mi of hot mix asphalt resurfacing, drainage, concrete curb, gutter and sidewalk ramps, and pavement markings on Kalamazoo Avenue from Burton Street to Fuller Avenue in the city of Grand Rapids, Kent County.

3.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|---------------------------------------|---------------------|-------------|-------------|
| Kamminga & Roodvoets, Inc. | \$805,583.25 | Same | 1 ** |
| Schippers Excavating, Inc. | \$869,797.25 | Same | 2 |

Total Number of Bidders: 2

5. Letting of July 10, 2015
 Letting Call: 1507 038
 Project: STU 41481-124557
 Local Agreement: 15-5342
 Start Date: August 24, 2015
 Completion Date: July 31, 2016

Low Bid: **\$675,838.54**
 Engineer Estimate: \$596,959.00
 Pct Over/Under Estimate: 13.21 %

0.40 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, pavement markings, bioretention swale, landscaping, and wireless vehicle detection system on Fulton Street from Wallinwood Avenue east to east of Woodward Lane in the city of Grand Rapids, Kent County.

3.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|--------------------------------------|---------------------|-------------|-------------|
| Michigan Paving and Materials | \$675,838.54 | Same | 1 ** |
| Rieth-Riley Construction Co., Inc. | \$715,098.61 | Same | 2 |

Total Number of Bidders: 2

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 May 20, 2015.

Respectfully submitted,

Original signed

Kirk T. Steudle
 Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

July 23, 2015

STATE PROJECTS

1. Letting of July 10, 2015
 Letting Call: 1507 059
 Project: M 25032-M41550
 Local Agreement:
 Start Date: September 8, 2015
 Completion Date: 25 Working Days
- Low Bid: **\$861,302.15**
 Engineer Estimate: \$687,765.66
 Pct Over/Under Estimate: 25.23 %

2.43 mi of hot mix asphalt cold milling and resurfacing, cold milling concrete, pavement repairs, and pavement marking at various locations on I-75 and US-23, Genesee County.

0.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|---------------------------------|---------------------|-------------|-------------|
| Cadillac Asphalt, L.L.C. | \$861,302.15 | Same | 1 ** |
| Ace-Saginaw Paving Company | \$1,119,995.15 | Same | 2 |

Total Number of Bidders: 2

2. Letting of July 10, 2015
 Letting Call: 1507 066
 Project: M 69011-M21550
 Local Agreement:
 Start Date: August 10, 2015
 Completion Date: October 9, 2015
- Low Bid: **\$586,512.07**
 Engineer Estimate: \$494,498.07
 Pct Over/Under Estimate: 18.61 %

2.15 mi of hot mix asphalt overband crack filling, single course chip sealing and microsurfacing, concrete curb, gutter and ramps, and pavement marking on I-75BL from south of I-75 southbound ramps to south of Grandview Boulevard, Otsego County.

0.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|-----------------------------------|---------------------|-------------|-------------|
| Strawser Construction Inc. | \$586,512.07 | Same | 1 ** |
| Pavement Maintenance Systems, LLC | \$611,802.10 | Same | 2 |

Total Number of Bidders: 2

LOCAL PROJECTS

3. Letting of July 10, 2015
Letting Call: 1507 006
Project: BRO 50006-115619
Local Agreement: 15-5304
Start Date: 10 days after award
Completion Date: November 15, 2015
- Low Bid: **\$1,317,596.06**
Engineer Estimate: \$1,065,586.41
Pct Over/Under Estimate: 23.65 %

Bridge replacement with prestressed, concrete box beams, concrete approach paving, watermain, and guardrail placement at Archer Drive over the channel to Lake St. Clair, Macomb County.

5.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|----------------------------|-----------------------|-------------|-------------|
| Z Contractors, Inc. | \$1,317,596.06 | Same | 1 ** |
| Dan's Excavating, Inc. | \$1,382,137.86 | Same | 2 |
| C. A. Hull Co., Inc. | \$1,556,441.97 | Same | 3 |

Total Number of Bidders: 3

4. Letting of July 10, 2015
Letting Call: 1507 013
Project: MCS 25007-118516
Local Agreement: 15-5313
Start Date: 10 days after award
Completion Date: June 30, 2016
- Low Bid: **\$1,609,504.58**
Engineer Estimate: \$1,319,575.50
Pct Over/Under Estimate: 21.97 %

Bridge removal and replacement with prestressed, concrete box beams, concrete paving, and guardrail on Ballenger Highway over Swartz Creek, Genesee County.

0.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|--------------------------------|-----------------------|-------------|-------------|
| E.T. MacKenzie Company | \$1,609,504.58 | Same | 1 ** |
| Z Contractors, Inc. | \$1,610,537.32 | Same | 2 |
| C. A. Hull Co., Inc. | \$1,691,827.75 | Same | 3 |
| Milbocker and Sons, Inc. | \$1,844,324.64 | Same | 4 |
| Nashville Construction Company | \$1,872,637.64 | Same | 5 |

Total Number of Bidders: 5

5. Letting of July 10, 2015
 Letting Call: 1507 016 Low Bid: **\$1,085,064.66**
 Project: STU 41401-127226 Engineer Estimate: \$922,716.55
 Local Agreement: 15-5323 Pct Over/Under Estimate: 17.59 %
 Start Date: 10 days after award
 Completion Date: October 30, 2015

25.54 mi of hot mix asphalt crack treatment, single-course chip sealing, fog sealing, microsurfacing, slurry seal, and pavement markings at 23 Locations in the cities of Cedar Springs, East Grand Rapids, Grand Rapids, Grandville, Kentwood, Rockford, and Wyoming, Ottawa and Kent Counties.

0.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|-----------------------------------|-----------------------|-------------|-------------|
| Strawser Construction Inc. | \$1,085,064.66 | Same | 1 ** |
| Fahrner Asphalt Sealers, L.L.C. | \$1,097,944.48 | Same | 2 |
| Pavement Maintenance Systems, LLC | \$1,136,233.09 | Same | 3 |

Total Number of Bidders: 3

AERONAUTICS

6. Letting of July 10, 2015
 Letting Call: 1507 055 Low Bid: **\$870,231.51**
 Project: FM 72434-120959 Engineer Estimate: \$745,225.00
 Local Agreement: Pct Over/Under Estimate: 16.77 %
 Start Date: September 7, 2015
 Completion Date: 120 Calendar Days

Airport perimeter fencing at the Roscommon County Blodgett Memorial Airport, city of Houghton Lake, Roscommon County.

3.00 % DBE participation required

| Bidder | As-Submitted | As-Checked | |
|-------------------------------|---------------------|-------------|-------------|
| RMD Holdings, Ltd. | \$870,231.51 | Same | 1 ** |
| Marquette Fence Company, Inc. | \$1,493,128.00 | Same | 2 |

Total Number of Bidders: 2

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 May 20, 2015.

Respectfully submitted,

Original Signed

Kirk T. Steudle
 Director

EXHIBIT B
Construction Contracts - MDOT Projects
Items to the Commission - July 23, 2015

| | | |
|---|--|--|
| Total Over the Original Cost (All MDOT) \$8,737,342.73 | Total Over the Original Cost (MDOT/MDOT) \$4,281,262.32 | Total Over the Original Cost (MDOT/Cons) \$4,456,080.41 |
|---|--|--|

| | | | | | |
|--|---------------------------------------|---|--|--|-------------------------|
| | Number of Projects Over 10% (7 Total) | Total Original Contract Amount \$40,013,820.84 | Total Final Contract Amount \$48,751,163.57 | Total Increase or Decrease \$8,737,342.73 | Total Percent 21.84% |
|--|---------------------------------------|---|--|--|-------------------------|

| Region | Control Section | Job Number | Project Description | Prime Contractor | Original Contract Amount | Final Contract Amount | Increase | Percent | Date Work Started | Expect Compl. | Actual Compl. | Finalized Date | Designed by MDOT (M) or Consultant (C) | Reason for Additional Project Costs |
|------------|-----------------|------------|--|------------------------------------|--------------------------|-----------------------|----------------|---------|-------------------|---------------|---------------|----------------|--|--|
| University | 47064 | M61302 | 1.05 mi of single-course hot mix asphalt cold milling and surfacing on I-96 eastbound at the I-96/US-23 interchange, Livingston County. | Barrett Paving Materials Inc. | \$264,764.00 | \$370,654.01 | \$105,890.01 | 39.99% | 9/23/2013 | 10/21/2013 | 10/21/2013 | 1/8/2015 | M | <u>Reason #1:</u> CM #1 includes an increase of \$95,100.50 for additional quantities for cold milling, HMA surface and HMA 5E30. It was necessary to mill in additional areas within the project limits and at additional depth in some locations due to the poor condition of the roadway. <u>Reason 1</u> accounts for \$95,100.50, or 91% of the total increase to the project. |
| University | 47066 | 118857 | Installation of articulating concrete blocks for scour protection on I-96 over the Middle Branch of the Red Cedar River, Livingston County. | Dan's Excavating, Inc. | \$518,143.24 | \$641,369.01 | \$123,225.77 | 23.78% | 9/9/2013 | 6/15/2014 | 4/10/2014 | 1/28/2015 | M | <u>Reason #1:</u> CM #1 includes an increase of \$98,263.60 for Steel Sheet Piling, Temp, Left in Place, earth excavation and Aggregate Base 1x3 Limestone. The steel sheet piling was necessary to facilitate the retention of the earth at the top of each slope where the slope protection daylights on the backside of the wing walls (8 quadrants). This was discussed with and recommended by both MDOT Design and Hydraulics Units. The earth excavation and aggregate base 1 x 3 limestone was necessary to stabilize the grade prior to placement of the articulating concrete block due to existing soil conditions. Soils recommendation made by MDOT. This was discussed with and recommended by both MDOT design and Hydraulics Units. <u>Reason 1</u> accounts for \$98,263.60, or 80% of the total project increase. |
| Bay | 73112 | 87659 | The length of the bridge decks on this project totals 16,794 ft including bearing replacements on the piers and at the expansion joints, healer sealer overlay, railing repairs and electrical repairs on I-75 & Ramp H over M-13, the Saginaw River & H&E railroad (B03-73112) city of Zilwaukee, Buena Vista & Zilwaukee Township, Saginaw County. | PCL Civil Constructors, Inc. | \$31,690,145.49 | \$35,993,783.97 | \$4,303,638.48 | 13.58% | 4/1/2013 | 4/15/2015 | 11/15/2014 | 3/4/2015 | C | <u>Reason #1:</u> This was a Construction Manager/General Contractor (CMGC) project with two separate negotiated components. Component 1 was for the procurement of the specialized bearings, which was authorized prior to the base construction contract due to the long lead time for fabrication and testing. The amount of that contract was \$4,284,112.11, while component 2 for the base construction had an original contract amount of \$31,690,145.49. To facilitate contract administration of the project, component 1 was combined with component 2 to create all pay items under a single job number. CM #1 adds \$4,284,112.11 which includes the dollar values negotiated for component 1 and accounts for 99.6% of the project increase to component 2. The actual combined contract overrun was \$19,526.37, which is less than 1/2% of the original contract value for component 1 added to component 2. |
| Grand | 41024 | 118064 | 10.50 mi of concrete joint repairs, longitudinal joint repair, sawing and sealing longitudinal and transverse joints, and concrete surface patching on I-96 from Thornapple River Drive east to the east Kent County line, Kent County. | C & D Hughes, Inc. | \$1,427,486.48 | \$1,579,928.41 | \$152,441.93 | 10.68% | 4/14/2014 | 8/18/2014 | 9/13/2014 | 3/10/2015 | C | <u>Reason #1:</u> CM # 1, 2, and 3 increased the contract by a \$152,441.93 to account for an increase in the amount of concrete joint repair. This project was designed two years prior to letting and the state experienced a very harsh cold winter prior to start of construction. A substantial number of joints that were not included in the initial quantities for this project suffered unanticipated deterioration and required repair. <u>Reason 1</u> accounts for 100% of the total project increase. |
| Grand | 41071 | 118135 | 8.46 mi of hot mix asphalt cold milling and resurfacing, centerline corrugations and pavement markings on M-50 from south of I-96 southerly and easterly to east of the Kent County line, Kent and Ionia Counties. This project includes a 3 year materials and workmanship pavement warranty. | Rieth-Riley Construction Co., Inc. | \$1,318,788.54 | \$1,452,058.23 | \$133,269.69 | 10.11% | 7/28/2014 | 8/30/2014 | 8/30/2014 | 3/4/2015 | M | <u>Reason #1:</u> This project was designed 1-1/2 years prior to letting and the state experienced a very harsh cold winter prior to start of construction. A substantial number of the lane/shoulder pavement failure areas, that were not included in the quantities for this project, have now deteriorated to a point that require repair. The new pavement repair quantities, which include the pay items of HMA Surface Remove, Trenching, Aggregate Base 4 inch, and HMA 4E1 are based on the updated field log. All quantities are final field measured quantities. An additional Cold milling quantity was required to address the areas at the pavement failure areas; because of staging of the work for the failure areas, it was necessary to mill a longitudinal taper joint at the full depth repair so not to leave a 1.5 inch drop off, between the existing top course surface and the new leveling course surface, that could create a safety concern. The additional cold milling, for the longitudinal taper joint, was not included in the contract. <u>Reason 1</u> accounts for 100% of the total project increase. |
| Southwest | 84915 | 119086 | Application of longitudinal and specialty pavement markings on various trunkline routes, Barry, Branch, and Calhoun Counties. | Michigan Pavement Markings, LLC | \$266,187.50 | \$316,236.06 | \$50,048.56 | 18.80% | 6/12/2014 | 8/29/2014 | 10/8/2014 | 3/17/2015 | M | <u>Reason #1:</u> CM #3 and #5 include increases totaling \$45,567.10 for increased quantities of longitudinal and specialty pavement markings placed on various trunkline routes in Barry, Branch, and Calhoun Counties. The reason for the increased quantities is that the actual amount of deteriorated markings that needed replacement was higher than the plan quantity estimate. <u>Reason 1</u> accounts for 91% of the total project cost increases. |

EXHIBIT B
Construction Contracts - MDOT Projects
Items to the Commission - July 23, 2015

| 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 | 81062 | 118953 | 12.12 mi of concrete pavement repairs, hot mix asphalt cold milling and resurfacing, and two crash investigation sites on I-94 from M-14 easterly to Carpenter Road, Washtenaw County. This project includes a 3 year pavement performance warranty. | Cadillac Asphalt, L.L.C. | \$4,528,305.59 | \$8,397,133.88 | \$3,868,828.29 | 85.44% | 7/9/2013 | 11/1/2013 | 6/21/2014 | 4/28/2015 | M | <u>Reason #1:</u> This is a "Fixed Price-Variable Scope (FPVS)" project, in which there is more work needed than available funding. The work is clearly defined by priority, and the contractors must bid on how many priorities they can complete (variable scope) within the pre-defined project budget (fixed price). This project was broken down into 4 priorities and the contractor had to bid the number of priorities they could complete in priority order. The proposal contained language that would allow the addition of any remaining priorities if additional funding was identified during construction. After award of the contract, additional funding was identified through the Region's Capital Preventative Maintenance Program and the Reconstruction and Rehabilitation Program to complete all priorities of the project. CM #1 added \$4,327,126.76 to the contract which estimated the cost of adding priorities 2, 3, and 4. The finished quantities were less than anticipated, so the net overrun was \$3,868,828.29. The addition of priorities 2, 3, and 4 accounts for 100% of the project overrun. |

EXHIBIT B
Construction Contracts - Local Projects
Items to the Commission - July 23, 2015

| | | |
|--|--|---|
| Total Over the Original Cost (All Local) \$917,290.76 | Total Over the Original Cost (Local/Local) \$779,610.08 | Total Over the Original Cost (Local/Cons) \$137,680.68 |
|--|--|---|

| | | | | | |
|--|---------------------------------------|--|---|--|-------------------------|
| | Number of Projects Over 10% (6 Total) | Total Original Contract Amount \$5,809,549.13 | Total Final Contract Amount \$6,726,839.89 | Total Increase or Decrease \$917,290.76 | Total Percent 15.79% |
|--|---------------------------------------|--|---|--|-------------------------|

| 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 |
|------------|-----------------|------------|--|------------------------------------|--------------------------|-----------------------|--------------|---------|-------------------|---------------|---------------|------------|---|--|
| University | 81475 | 121293 | Deck replacement, beam painting, hot mix asphalt cold milling and paving, concrete bridge approach, curb and gutter, and pavement marking on Jackson Road over Mill Creek, Washtenaw County. | Anlaan Corporation | \$397,356.63 | \$449,260.18 | \$51,903.55 | 13.06% | 6/16/2014 | 9/5/2014 | 8/15/2014 | 12/17/2014 | C | <u>Reason #1:</u> CM #1 includes an increase of \$26,368.00 for structural steel retrofit Furnish and Erect. This was necessary to repair the unanticipated beam deterioration that was discovered on several beams during the bridge rehabilitation. Once the paint was removed from the steel beams, it was determined that several beams required web stiffening repairs. Reason 1 accounts for \$26,368.00, or 51% of the total project cost increases. |
| North | 83609 | 117497 | 5.49 mi of shoulder paving, signing upgrades, guardrail installation, and intersection approach work on Old M-42 (16 Mile Road) from 31 Road east to 41 1/2 Road, Wexford County. | Rieth-Riley Construction Co., Inc. | \$466,637.23 | \$525,016.56 | \$58,379.33 | 12.51% | 3/12/2014 | 9/24/2014 | 8/28/2014 | 4/7/2015 | C | <u>Reason #1:</u> CM #1 include an increase to the item HMA, 4E1 for Wedging. This was necessary to correct the cross slope of the pavement to current standards and to meet the maximum allowable cross slope for this safety project. Reason 1 accounts for \$52,775.45, or 90% of the total project cost increases. |
| Metro | 82457 | 121434 | 1.15 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, and pavement markings on 7 Mile Road and Edward N. Hines Drive from Edenderry Street east to Northville Road in the city of Northville, Wayne County. Includes removing the HMA pavement and resurfacing the bridge deck over the Johnson Drain. | Ajax Paving Industries, Inc. | \$1,179,879.57 | \$1,334,173.29 | \$154,293.72 | 13.08% | 4/30/2014 | 40 Work Days | 9/25/2014 | 4/10/2015 | L | <u>Reason #1:</u> When the existing HMA surface was milled from the bridge, it was found that the concrete deck was much more deteriorated than the designers had anticipated. Only 15 cubic feet of "patching mortar or conc" was provided for repairing the deck per plan; over 184 cubic feet were necessary to perform the necessary repairs. There were corresponding overages in the "hand chipping, deep" & "hand chipping, other than deck" pay items, which are used for the removal of existing poor concrete on the deck and superstructure. The total cost for these three items was in excess of \$97,000.00 over original estimate. <u>Reason #2:</u> HMA Base Repair was underestimated in the design. Only 121 tons were provided per plan but over 353 tons were needed. The cost was \$34,000.00 over original estimate. Reasons 1 and 2 account for \$131,000.00, or 85% of the total increase to the project costs. |
| Bay | 73404 | 120708 | 0.14 mi of hot mix asphalt cold milling and resurfacing, right turn lane taper, traffic signal installation, pedestrian signals, storm sewer, drainage improvements, concrete curb and gutter, sidewalk, and ramps on Weiss Street at Hermansau Street and at Schaefer Street and Michigan Avenue in the city of Saginaw, Saginaw County. | J. Ranck Electric, Inc. | \$185,721.50 | \$213,119.30 | \$27,397.80 | 14.75% | 4/23/2014 | 9/12/2014 | 9/18/2014 | 4/24/2015 | C | <u>Reason #1:</u> The original plans called for sawcutting and removing only enough pavement in the intersection to install new ADA ramps. The existing pavement was in very poor condition so it was necessary to remove and replace additional pavement, to the nearest joint line, in order to pour the new concrete against good pavement with a clean edge. <u>Reason #2:</u> The two existing lanes of Hermansau north of Weiss that were to be milled and resurfaced were instead removed and reconstructed in order to flatten the approach to the Hermansua and Weiss intersection and improve safety. This also provided a more consistent cross section between the two existing lanes and new right turn taper and matched the new curb radius grades at the northeast and northwest corners of Hermansau and Weiss. Reasons 1-2 account for \$25,123.80 of 92% of the total project increases. |
| University | 47469 | 120667 | 1.99 mi of hot mix asphalt resurfacing, concrete sidewalk ramps, intermediate concrete curb and gutter, pavement markings, and signing on East Grand River Avenue from east of Hughes Road to just east of Hacker Road, Livingston County. | Rieth-Riley Construction Co., Inc. | \$1,672,887.41 | \$1,969,818.89 | \$296,931.48 | 17.75% | 6/10/2014 | 8/15/2014 | 8/21/2014 | 3/20/2015 | L | <u>Reason #1:</u> CM #2 includes an increase of \$73,938.25 for subgrade undercutting Type 2 Special and high performance biaxial geogrid. This was necessary due to soft and yielding subgrade that was discovered during the proof rolling operation. <u>Reason #2:</u> CM #3 includes an increase of \$82,736.41 for curb and gutter removal and replacement, concrete pavement reinforced 6", curb and gutter det M opening. This was necessary to remove and replace the deteriorated curb and M-Openings that were not identified initially in the log back in 2013 when it went out to bid. In addition the harsh winter prior to construction may have caused additional deterioration of the concrete curbs and drive openings. Also, additional curb and gutter not identified in the log were removed and replaced in areas that were not draining properly, to improve safety and pavement conditions. <u>Reason #3:</u> CM #5 includes an increase of \$119,166.07 for HMA 3E3. In the areas identified for undercutting, the existing HMA base was thicker than shown on the plans. It was necessary to replace the HMA at the same thickness as the adjacent existing base, which resulted in an increase of the HMA quantity. In addition, it was necessary to correct the crown to provide the standard cross slope throughout most of the project, which also resulted in increased thickness of HMA. Reasons 1-3 amount for \$275,840.73 or 93% of the total increase to the project cost. |

EXHIBIT B
Construction Contracts - Local Projects
Items to the Commission - July 23, 2015

| Region | Control Section | Job Number | Project Description | Prime Contractor | Original Contract Amount | Final Contract Amount | Increase | Percent | Date Work Started | Expect Compl. | Actual Compl. | Finaled Date | Designed by Local (L) or Consultant (C) | Reason for Additional Project Costs |
|--------|-----------------|------------|---|-------------------------|--------------------------|-----------------------|--------------|---------|-------------------|---------------|---------------|--------------|---|---|
| Metro | 50458 | 12536 | 2.30 mi of concrete pavement repair, joint and crack repair, drainage structure adjustments, removal and replacement of concrete curb and gutter, and pavement markings on Mound Road from 12 Mile Road to 14 Mile Road in the city of Warren, Macomb County. | Florence Cement Company | \$1,907,066.79 | \$2,235,451.67 | \$328,384.88 | 17.22% | 9/9/2013 | 6/15/2014 | 7/2/2014 | 3/31/2015 | L | Reason #1: The pay items for "Pavt Repr, Rem, Modified", "Curb and Gutter, Conc, Det F4", "Curb and Gutter, Rem", "Lane Tie, Epoxy Anchored", and "Pavt Repr, Nonreinforced, Conc, 10 inch, Modified" were all over quantity on this project. The project estimate for this job was done several years prior to construction. The amount of time between the preparation of the project quantities and the actual construction saw a significant increase in the size and number of pavement patch areas required along the route. The deterioration was made worse by the extreme cold during the record setting winter of 2014. Reason 1 accounts for 100% of the total project cost increases. |