

MICHIGAN STATE TRANSPORTATION COMMISSION
PUBLIC MEETING
AGENDA

DATE: Thursday, July 21, 2016

TIME: 9:30 a.m.

LOCATION: Midland City Hall, Council Chambers, 333 W. Ellsworth Street, Midland, Mich.

I. WELCOME

- Welcome to Midland – Marty Wazbinski, Mayor Pro Tem
- Michigan Department of Transportation Director’s Report – Director Kirk Steudle
- Bay Region Update – Gregg Brunner

II. COMMISSION BUSINESS

- Minutes of May 19, 2016, Commission Meeting (**motion required**)
- Transportation Asset Management Council (TAMC) Nominations – Phil Browne (**motion required**)
- Office of Commission Audits Update – Jack Cotter (no motion required)

III. OVERSIGHT

- Exhibit A: Contract Agreements – Myron Frierson (**motion required**)
- Exhibit A-Supplemental: Contract Agreements – Myron Frierson (**motion required**)
- 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 – Brad Wieferich (**motion required**)
- Exhibit A-3: Information for the Commission – Myron Frierson (no motion required)
- Exhibit B: Construction Contracts – Jason Gutting (no motion required)

IV. INFORMATIONAL REPORTS

- Director’s Agenda, July 14, 2016 – Myron Frierson (no motion required)
- State Administrative Board Agenda, July 12, 2016 – Myron Frierson (no motion required)

V. PRESENTATIONS

- 2040 Michigan Transportation Plan – Dave Wresinski, Bradley Sharlow (**motion required**)
- Draft 2017-2021 Five-Year Transportation Program – Michele Fedorowicz, Jean Ruestman, Nikkie Johnson and Dave Baker (**motion required**)

VI. PUBLIC COMMENTS

VII. ADJOURNMENT

VIII. NEXT MEETING

- The next full meeting will be held Thursday, September 22, 2016, in the MDOT Metro Region.

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

Meeting materials and minutes can be found on our website at www.michigan.gov/transcommission.

MICHIGAN STATE TRANSPORTATION COMMISSION

PUBLIC MEETING

May 19, 2016

Detroit Transportation Service Center, 1060 W. Fort Street, Detroit, MI 48226

MEETING MINUTES

Members Present: Todd A. Wyett, Chair
Angelynn A. Afendoulis, Vice Chair
Ron J. Boji, Commissioner
Michael D. Hayes, Commissioner
George K. Heartwell, Commissioner
Charles F. Moser, Commissioner

Members Absent: None

Also Present: Kirk Steudle, Director, Michigan Department of Transportation (MDOT)
David Brickey, Assistant Attorney General, Transportation Division
Frank E. Raha, Commission Advisor
Phil Browne, Deputy Commission Advisor
Myron Frierson, Director, MDOT Bureau of Finance and Administration
Brad Wieferich, Director, MDOT Bureau of Development
Jason Gutting, Engineer, MDOT Construction Field Services Division
Jack Cotter, Commission Auditor, Office of Commission Audits
Mary Fedewa, Executive Assistant, Office of Commission Audits
Andy Doctoroff, Governor's Office
Tony Kratofil, Engineer, MDOT Metro Region
Joanna Johnson, Chair, Transportation Asset Management Council
Dave Wresinski, MDOT Bureau of Transportation Planning
Bradley Sharlow, MDOT Bureau of Transportation Planning
About 35 people were in the audience; a sign-in list is attached to the official minutes.

I. WELCOME

Chair Wyett called the meeting to order at 10:30 a.m.

- ***Resolution Authorizing the Issuance and Sale of State Trunk Line Fund Refunding Bonds and Grant Anticipation Refunding Notes – Myron Frierson***

Mr. Frierson provided background information about the specific bonds to be refinanced to take advantage of better interest rates in July 2016. Refinancing will cover a portion of 2007 and 2009 Grant Anticipation Revenue Vehicle/GARVEE bonds, worth about \$700 million. Refinancing is expected to save approximately \$121 million, which is a 17.4 percent savings and exceeds the three percent savings required by the Commission. Mr. Frierson asked for approval to issue the bonds.

Chair Wyett requested a motion regarding the bond resolution. Commissioner Moser made a motion to approve and Commissioner Boji supported. Commission Advisor Raha took a roll call vote, voting in favor were Chair Wyett, Vice Chair Afendoulis, Commissioner Boji,

Commissioner Hayes, Commissioner Heartwell, and Commissioner Moser, opposed were none, absent were none; **motion to approve carried.**

- ***Gordie Howe Bridge Update – Andy Doctoroff***

Mr. Doctoroff recognized people in the room who are contributing to the project. The Gordie Howe Bridge will connect Detroit to Windsor directly via expressway, without street stops, which will improve traffic flow and take commercial traffic off of city streets. Request for proposal (RFP) documents are in process and the RFP is expected to be issued soon. Land acquisition is also in process.

- ***Michigan Department of Transportation Director’s Report – Kirk Steudle***

Director Steudle spoke about the current fatalities and serious injuries statistics and steps being taken, including technology, to help reduce those numbers. Michigan State Police statistics from 2014 to 2015 show an increase in motorcycle, pedestrian, and cyclist accidents.

- ***Metro Region Update – Tony Kratofil***

Mr. Kratofil talked about projects in the region that were completed last year and their benefits. He then provided the status of several major projects in progress and highlighted projects planned for 2017. He ended with information about community outreach.

II. **COMMISSION BUSINESS**

- ***Minutes of March 24, 2016, Joint Meeting with Michigan Aeronautics Commission***

Chair Wyett requested a motion regarding approval of the minutes for the joint meeting. Commissioner Hayes made a motion to approve and Commissioner Afendoulis supported. Chair Wyett led a voice vote; all members present voted in favor; **motion to approve carried.**

- ***Minutes of March 24, 2016, Commission Meeting***

Chair Wyett requested a motion regarding approval of the minutes for the last State Transportation Commission meeting. Commissioner Hayes made a motion to approve and Commissioner Moser supported. Chair Wyett led a voice vote; Chair Wyett abstained from the vote, all other members present voted in favor; **motion to approve carried.**

- ***Office of Commission Audits Update – Jack Cotter***

Mr. Cotter spoke about liaison work the office is doing on behalf of MDOT with the Office of Auditor General, internal audits of processes being done as requested by the Director, the number of reviews and audits completed the last few months, and review of the new county road contract. He then gave a quick assessment of today’s meeting exhibits. **No motion required.**

- ***Transportation Asset Management Council (TAMC) Appointment – Frank Raha***

The Michigan Association of Regions voted to appoint Derek Bradshaw to fill the seat vacated by John Egelhaaf, the seat represents their organization on the council.

Chair Wyett requested a motion regarding approval of the appointment. Commissioner Hayes made a motion to approve and Commissioner Afendoulis supported. Chair Wyett led a voice vote; all members present voted in favor; **motion to approve carried.**

III. OVERSIGHT

- ***Exhibit A: Contract Agreements – Myron Frierson***

Mr. Frierson presented information on 37 agreements. Pending any questions, Mr. Frierson asked for approval of Exhibit A.

Chair Wyett requested a motion regarding approval of Exhibit A. Commissioner Hayes made a motion to approve and Commissioner Afendoulis supported. Chair Wyett 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 2016 are for 286 state jobs and a total construction cost estimate of \$731 million. At this point in the year, MDOT has let 111 percent of jobs anticipated and 93 percent of cost estimates. There were six lettings in April and May. Upcoming June lettings are currently advertising 73 projects. Exhibit A-1 lists 51 projects. Pending any questions, Mr. Frierson asked for approval of Exhibit A-1.

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

- ***Exhibit A-2: Letting Exceptions – Brad Wieferich***

Mr. Wieferich provided background and an explanation of job-order contracting as it relates to item one on this exhibit. He then provided information on seven projects that were more than ten percent over the engineer's estimate or had only one bidder. Justification memos were provided also for the five projects where the low bid exceeded the engineer's estimate by more than ten percent; the Office of Commission Audits (OCA) has reviewed. Pending any questions, Mr. Wieferich asked for approval of Exhibit A-2.

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

- ***Exhibit B: Construction Contracts – Jason Gutting***

Mr. Gutting presented information about Exhibit B, which included cost comparison information about contracts that were recently finalized.

- For MDOT projects in March and April, 72 projects totaling \$140 million were finalized; eight of those were more than ten percent over original contract amounts, and 40 projects came in under original contract amounts. For March and April, final contract costs respectively averaged 1.6 percent over and 4.3 percent over original contract amounts. So far during fiscal year 2016, closed out MDOT projects have totaled \$404 million and

averaged 1.3 percent over original contract amounts.

- For local agency projects in March and April, 136 projects totaling \$891 million were finalized; six of those were more than ten percent over original contract amounts, and 83 projects came in under original contract amounts.

Reasons for additional project costs were provided in the meeting materials for nine MDOT and five local agency projects that exceeded their original contract amounts by more than ten percent. Mr. Gutting provided additional information about a couple projects that were substantially higher than usual. **No motion required.**

IV. INFORMATIONAL REPORTS

- *Director's Agenda, April 28, 2016 – Myron Frierson*
- *State Administrative Board Agenda, May 3, 2016 – Myron Frierson*

The Director's Agenda covers memos of understanding with no dollar amounts, revenue agreements, and small dollar amount agreements. The State Administrative Board (SAB) Agenda covers service contracts in excess of \$250,000 and construction contracts in excess of \$500,000. Some items on the SAB agenda, primarily in the area of construction contracts, have previously been submitted to and approved by STC. These two documents are included in the meeting packet, which is posted on the Commission website, in order to inform the public about all types of MDOT bidding activity. **No motion required.**

V. PRESENTATIONS

- *Transportation Asset Management Council (TAMC) 2015 Annual Report – Joanna Johnson*

Ms. Johnson read the legislation that formed the council. She then gave an overview of the data collected on road conditions in 2014-2015. Both federal-aid roads and non-federal-aid roads across the State continue to show an overall decline in condition. The council is still working with counties to train them on asset management practices. Ms. Johnson also spoke about plans the council is working on for the future.

- *Draft 2040 Michigan Transportation Plan – Dave Wresinski, Bradley Sharlow*

Mr. Wresinski introduced the plan, which is federally-mandated; it establishes vision, goals, and objectives for Michigan's transportation system. The plan is being shared, across the state in meetings and on-line, for public comments from May 10 through June 20, 2016. Mr. Sharlow highlighted some data and trends related to transportation and use of roads. He also noted who the core team members are that worked on the plan. The plan will be finalized and Commission approval requested in July.

VI. PUBLIC COMMENTS

There were no requests from the public.

VII. ADJOURNMENT

With no further business being before the Commission, Chair Wyett declared the meeting adjourned at 12:35 p.m.

VIII. **NEXT MEETING**

The next full meeting will be held Thursday, July 21, 2016, location to be announced.

Phil Browne
Commission Advisor

DRAFT

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

CONTRACTS

July 21, 2016

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 - Participation for Local Agency Construction Contract
Contract (2016-5301) between MDOT and the Oscoda 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):

Hot mix asphalt cold milling and resurfacing work along Kittle Road from Camp Ten Road easterly to Highway M-33, including gravel shoulder and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 20,796
FHWA STP – Rural Funds	\$260,160
Oscoda County Road Commission Funds	<u>\$ 44,244</u>
Total Funds	<u>\$325,200</u>

STL 68555 – 129443
Letting of 7/8/2016

2. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5332) between MDOT and the City of Marlette 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):

Hot mix asphalt cold milling and resurfacing work along East Marlette Street from Main Street (Highway M-53) easterly to Municipal Drive, including concrete sidewalk ramp upgrade and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 50,000
FHWA STP – Rural Funds	\$ 98,051
City of Marlette Funds	<u>\$ 56,349</u>
Total Funds	<u>\$204,400</u>

STL 74555 – 127892
Letting of 7/8/2016

3. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5333) between MDOT and the Calhoun County Drain Commission will provide for participation in the following work:

Storm sewer improvement work to the Blackmore Drain along Highway M-96, including construction of detention and treatment pond and improved outlet and conveyance upgrades.

Estimated Funds:

State Restricted Trunkline Funds	\$408,317
Calhoun County Drain Commission Funds	<u>\$416,683</u>
Total Funds	<u>\$825,000</u>

MDA 84900 – 128682; Calhoun County
Local Force Account

4. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5337) between MDOT and the Branch County Road Commission will provide for participation in the following improvements:

Chip seal work along Fremont Road from Campbell Road northerly to approximately 0.35 miles north of Dorrance Road.

Estimated Funds:

Federal Highway Administration Funds	\$64,033.10
Branch County Road Commission Funds	<u>\$16,008.28</u>
Total Funds	<u>\$80,041.38</u>

STL 12141 – 131046
Local Force Account

5. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5338) between MDOT and the Branch County Road Commission will provide for participation in the following improvements:

Chip seal work along Orland Road from the southern limits of the Village of Bronson southerly to north of Pleasant Hill Road.

Estimated Funds:

Federal Highway Administration Funds	\$65,204.80
Branch County Road Commission Funds	<u>\$21,734.94</u>
Total Funds	<u>\$86,939.74</u>

STL 12141 – 131047
Local Force Account

6. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5339) between MDOT and the City of Ann Arbor will provide for participation in the following improvements:

Rectangular rapid flashing beacon installation work at existing crosswalks along West Stadium Boulevard near Collingwood Drive, Thaler Avenue, and Liberty Street.

Estimated Funds:

Federal Highway Administration Funds	\$27,360.00
City of Ann Arbor Funds	<u>\$19,565.90</u>
Total Funds	<u>\$46,925.90</u>

HSIP 81609 – 127422; Washtenaw County
Local Force Account

7. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5343) between MDOT and the Berrien 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):

Hot mix asphalt paving work along Shawnee Road from Cleveland Avenue easterly to Hills Road, including shoulder, trenching, culvert, and traffic control work.

Estimated Funds:

State Restricted TED Funds	\$ 83,911
FHWA STP – Rural Funds	\$191,794
Berrien County Road Commission Funds	<u>\$ 13,395</u>
Total Funds	<u>\$289,100</u>

STL 11555 – 130523
Letting of 8/5/2016

8. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5344) between MDOT and the Montcalm County Road Commission will provide for participation in the following improvements:

Chip seal and fog seal work along County Road 510 from Ferris Road easterly to Derby Road.

Estimated Funds:

Federal Highway Administration Funds	\$60,296.19
Montcalm County Road Commission Funds	<u>\$15,074.05</u>
Total Funds	<u>\$75,370.24</u>

STL 59141 – 116144
Local Force Account

9. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5345) between MDOT and the Montcalm County Road Commission will provide for participation in the following improvements:

Chip seal and fog seal work along Kendaville Road from Federal Road westerly to the county line.

Estimated Funds:

Federal Highway Administration Funds	\$74,931.28
Montcalm County Road Commission Funds	<u>\$18,732.83</u>
Total Funds	<u>\$93,664.11</u>

STL 59141 – 116145
Local Force Account

10. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5346) between MDOT and the Montcalm County Road Commission will provide for participation in the following improvements:

Chip seal and fog seal work along Vickeryville Road (County Road 575) from Highway M-57 northerly to County Road 510.

Estimated Funds:

Federal Highway Administration Funds	\$74,556.85
Montcalm County Road Commission Funds	<u>\$18,639.22</u>
Total Funds	<u>\$93,196.07</u>

STL 59141 – 127174
Local Force Account

11. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5349) 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):

Single chip and fog seal work along 5 Mile Road from 70th Avenue easterly to 40th Avenue, including pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 93,000
Mecosta County Road Commission Funds	<u>\$ 23,300</u>
Total Funds	<u>\$116,300</u>

EDD 54555 – 124487

Letting of 7/8/2016

12. HIGHWAYS - Participation for Local Agency Construction Contract
 Amendatory Contract (2016-5353) between MDOT and the County of Macomb will provide for funding participation in the construction of the following improvements utilizing Federal Congestion Mitigation and Air Quality Improvement Program Funds designated for Local Agency projects (FHWA - CMAQ):
 Traffic signal upgrade work, including vehicle detection, pedestrian actuation, and wireless interconnection work, at the following locations:

Sherwood Avenue at Westminster Avenue
 Dequindre Road at Stephens Road
 Greater Mack Avenue at Overlake Street
 Greater Mack Avenue at Englehardt Street
 Greater Mack Avenue at Colony Street
 Little Mack Avenue at Frazho Street
 Little Mack Avenue at Martin Road
 Little Mack Avenue at Masonic Boulevard
 18 Mile Road at Gulliver Drive
 Dodge Park Road at Canterbury Drive
 Dodge Park Road at 16 ½ Mile Road
 Dodge Park Road at Plumbrook Road
 17 Mile Road at Plumbrook Road
 Clinton River Road at Saal Road
 Moravian Drive at Millar Road
 Moravian Drive at Harrington Street
 Clinton River Road at Riverland Drive
 Canal Road at Delco Boulevard

The purpose of this amendment is to provide for an increase in the dollar amount from \$520,700 to \$525,000 associated with the determination of the Maximum Congestion Mitigation and Air Quality Improvement Program Funds to be applied to the eligible items of the project cost.

Estimated Funds:

	<u>ORIGINAL</u>	<u>AMEND.</u>	<u>TOTAL</u>
FHWA STP – Rural Funds	\$520,700	\$ 4,300	\$525,000
County of Macomb Funds	<u>\$ 4,300</u>	<u>\$ - 4,300</u>	<u>\$ 0</u>
Total Funds	<u>\$525,000</u>	<u>\$ 0</u>	<u>\$525,000</u>

CMG 50400 – 124686
Amendment

13. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2016-5384) between MDOT and the Isabella County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Hot mix asphalt paving work along Walton Road from Winn Road westerly to Curtis Road.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$75,740 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	\$302,910
Isabella County Road Commission Funds	<u>\$ 28,290</u>
Total Funds	<u>\$331,200</u>

EDA 37522 – 131144
Local Letting

14. *EXECUTIVE (Office of Economic Development) - SIB Loan

Contract (2016-0398) between MDOT and the Village of Breedsville is a state infrastructure bank (SIB) loan to assist the Village in financing transportation infrastructure improvements through the replacement of the Pine Street bridge over the Black River. The Village plans to use its State Restricted Trunkline Funds to repay the loan. MDOT will loan the Village \$250,000 at 0 percent interest for the first five years and at 1 percent interest for the remaining fifteen years of the loan. The contract will be in effect from the date of award through December 31, 2036. Source of Funds: SIB Loan Funds - \$250,000.

15. PASSENGER TRANSPORTATION - Section 5310 Program
 Project Authorization (25) under Master Agreement (2012-0033) between MDOT and the Ann Arbor Area Transportation Authority will provide state matching funds for the FY 2016 Federal Section 5310 Elderly and Persons with Disabilities Program grant for up to two replacement and expansion vehicles, computer hardware and software, and project administration. 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 \$218,483. 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 - \$174,786; FY 2016 State Restricted Comprehensive Transportation Funds - \$43,697.

16.-18. PASSENGER TRANSPORTATION - Section 5339 Program
 The following project authorizations issued under master agreements between MDOT and the following agencies will provide state matching funds for the FY 2016 Federal Section 5339 Bus and Bus Facilities Formula Program grant for vehicle purchases. 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 \$964,138. 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 - \$771,310; FY 2016 State Restricted Comprehensive Transportation Funds - \$192,828.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
16.	2012-0041/17	Bay Area Transportation Authority (Grand Traverse County)	\$377,748
17.	2012-0061/14	Cheboygan County Board of Commissioners	\$314,644
18.	2012-0135/9	Midland County Board of Commissioners	\$271,746

19. PASSENGER TRANSPORTATION - Section 5307 Program
 Project Authorization (21) under Master Agreement (2012-0048) between MDOT and the Blue Water Area Transportation Commission (BWATC), in St. Clair County, will provide state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Program and Congestion Mitigation and Air Quality Improvement Program grant for the purchase of replacement vehicles. 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 \$2,660,000. 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 - \$2,128,000; FY 2016 State Restricted Comprehensive Transportation Funds - \$532,000.

20. PASSENGER TRANSPORTATION - Section 5316 Program
Project Authorization (4) Revision (1) under Master Agreement (2012-0055) between MDOT and Capital Area Transportation Authority (CATA), in Ingham County, will extend the authorization term by one year to provide sufficient time for CATA to complete the project. Due to direction from the Federal Transit Administration on the billings under several Job Access and Reverse Commute projects, CATA has been drawing down a portion of the project cost from newer grants which has delayed the expenditure of older grants. The original authorization provides state matching funds for CATA's FY 2012 Federal Section 5316 Job Access and Reverse Commute Program grant for operating assistance. The revised authorization term will be August 30, 2012, through August 29, 2017. The authorization amount remains unchanged at \$386,352. 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 2017. Source of Funds: Federal Transit Administration Funds - \$193,176; FY 2012 State Restricted Comprehensive Transportation Funds - \$193,176.
21. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (26) under Master Agreement (2012-0055) between MDOT and the Capital Area Transportation Authority, in Ingham County, will provide state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for an ozone action public education program. 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 \$528,083. 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 - \$422,466; FY 2016 State Transportation Funds - \$105,617.
22. PASSENGER TRANSPORTATION - Section 20005(b) of MAP-21
Project Authorization (27) under Master Agreement (2012-0055) between MDOT and the Capital Area Transportation Authority, in Ingham County, will provide state matching funds for the FY 2016 Federal Section 20005(b) of the Moving Ahead for the 21st Century Act (MAP-21) Pilot Program for Transit-Oriented Development grant for transit-oriented development planning. The authorization will be in effect from June 17, 2016, through June 16, 2020. The authorization amount will be \$1,562,500. 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 - \$1,250,000; FY 2016 State Restricted Comprehensive Transportation Funds - \$312,500.
23. PASSENGER TRANSPORTATION - Section 5337 and Section 5307 Programs
Project Authorization (10) under Master Agreement (2012-0073) between MDOT and the Detroit Transportation Corporation will provide state matching funds of \$401,813 for the FY 2016 Federal Section 5307 Urbanized Area Formula Program and the FY 2016 Federal Section 5337 State of Good Repair Program grant for engineering/design, rehabilitation/renovations and security upgrades. 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 \$2,009,065. 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 - \$1,607,252; FY 2016 State Restricted Comprehensive Transportation Funds - \$401,813.

24. PASSENGER TRANSPORTATION - Section 5310 Program
Project Authorization (11) under Master Agreement (2012-0073) between MDOT and the Detroit Transportation Corporation (DTC) will provide state matching funds of \$145,125 for the FY 2016 Federal Section 5310 Elderly and Persons with Disabilities Program grant for signage and signal systems. 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 \$725,625. 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 - \$580,500; FY 2016 State Restricted Comprehensive Transportation Funds - \$145,125.
25. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (23) under Master Agreement (2012-0087) between MDOT and the Harbor Transit Multimodal Transportation System, in Ottawa County, will provide state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for the purchase of four replacement buses and for marketing and outreach. 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 \$577,063. 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 - \$461,650; FY 2016 State Restricted Comprehensive Transportation Funds - \$115,413.
26. PASSENGER TRANSPORTATION - Section 5311 Capital Program/CMAQ Program
Project Authorization (8) Revision (1) under Master Agreement (2012-0089) between MDOT and the Greater Lapeer Transportation Authority will extend the authorization term by six months to provide sufficient time for the Authority to complete the automatic vehicle locator (AVL)/mobile data terminals (MDT) project. The project was delayed because of changes in management staff, additional time needed to obtain approval to award a sole source contract, and the need to update the current software to accept the new AVL/MDT software and hardware. The original authorization provides state matching funds for the FY 2013 Federal Section 5311 Nonurbanized Area Formula Capital Program/Small Cities (5,000 to 50,000) and Congestion Mitigation and Air Quality Improvement Program grant for the purchase of a replacement bus and an AVL/MDT system. The revised authorization term will be September 23, 2013, through March 22, 2017. The authorization amount remains unchanged at \$275,000. 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 - \$220,000; FY 2013 State Restricted Comprehensive Transportation Funds - \$55,000.

27. PASSENGER TRANSPORTATION - Section 5339 Program
Project Authorization (10) Revision (3) under Master Agreement (2012-0104) between MDOT and the Interurban Transit Partnership (ITP), in Kent County, will provide an additional \$343 in state matching funds for replacement buses. The original authorization provides state matching funds for the ITP's FY 2013, FY 2014, and FY 2015 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 amount will be \$3,669,641. 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 - \$2,935,713; FY 2013, FY 2014, FY 2015, and FY 2016 State Restricted Comprehensive Transportation Funds - \$733,928.
28. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (17) under Master Agreement (2012-0104) between MDOT and the Interurban Transit Partnership, in Kent County, will provide state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for the purchase of compressed natural gas replacement buses, replacement vans, and clean air action days. 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 \$1,595,414. 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 - \$1,303,731; FY 2016 State Restricted Comprehensive Transportation Funds - \$291,683.
29. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Program
Project Authorization (18) under Master Agreement (2012-0104) between MDOT and the Interurban Transit Partnership, in Kent County, will provide state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Capital Program and FY 2016 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the construction of a compressed natural gas (CNG) fueling station, a CNG bus facility, rehabilitation of administrative/maintenance facility, associated capital maintenance, bus tire lease, surveillance/security equipment, preventive maintenance, miscellaneous contingencies, intelligent transportation, capital costs of contracting, human resource planning, and metropolitan planning. 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 \$12,502,690. 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- \$10,002,152; FY 2016 State Restricted Comprehensive Transportation Funds - \$2,500,538.

30. PASSENGER TRANSPORTATION - Section 5307 and 5339 Programs
Project Authorization (22) under Master Agreement (2012-0118) between MDOT and the Livingston County Board of Commissioners will provide state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Capital Program and FY 2016 Federal Section 5339 Bus and Bus Facilities Formula Program grant for preventive maintenance, an expansion bus, and rehabilitation and renovation of facilities. 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 \$673,084. 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 - \$538,466; FY 2016 State Restricted Comprehensive Transportation Funds - \$134,618.
31. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (15) 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 2016 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for the purchase of a replacement bus. 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 \$360,000. 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 - \$288,000; FY 2016 State Restricted Comprehensive Transportation Funds - \$72,000.
32. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs
Project Authorization (16) 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 2016 Federal Section 5307 Urbanized Area Formula Capital Program and FY 2016 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of up to three replacement buses 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 \$407,751. 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 - \$326,200; FY 2016 State Restricted Comprehensive Transportation Funds - \$81,551.

33. PASSENGER TRANSPORTATION - Section 5309 Program
Project Authorization (4) Revision (1) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will increase the number of buses to be purchased by one, and will extend the authorization term by 18 months to provide sufficient time for the purchase, manufacture, and delivery of the additional bus. The compressed natural gas powered buses were less expensive than expected, so MTA will purchase one additional bus with the remaining funds. The original authorization provides state matching funds for the FY 2011 Federal Section 5309 Capital Discretionary Program and Bus Livability Program grant for the purchase of five replacement compressed natural gas powered vehicles, associated capital maintenance items, and shop equipment. The revised authorization term will be August 28, 2012, through February 27, 2018. The authorization amount remains unchanged at \$3,750,000. 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 - \$3,000,000; FY 2013 State Restricted Comprehensive Transportation Funds - \$750,000.
34. PASSENGER TRANSPORTATION - Section 5309 Local
Project Authorization (8) Revision (1) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will change the vehicle fuel type from diesel hybrid to compressed natural gas, increase the quantity of buses, and extend the authorization term by 18 months to provide sufficient time for the MTA to complete the projects. The compressed natural gas powered buses are less expensive which will allow the purchase of one additional bus. The extension will allow time for the purchase, manufacture, and delivery of the additional bus. The original authorization provided state matching funds for the FY 2011 Federal Section 5309 Capital Discretionary Program and State of Good Repair Program grant for the purchase of diesel hybrid coaches, associated capital maintenance items, and shop equipment. The revised authorization term will be August 28, 2012, through February 27, 2018. The authorization amount remains unchanged at \$6,484,375. 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 - \$5,187,500; FY 2012 State Restricted Comprehensive Transportation Funds - \$1,296,875.
35. PASSENGER TRANSPORTATION - Section 5307 and 5339 Program
Project Authorization (28) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will provide state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Program and FY 2016 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of replacement and expansion buses, bus rehabilitation, facility rehabilitation/renovation, automatic data processing hardware and software, capital maintenance parts, shop equipment, preventive maintenance, bus shelters/signage, and mobile surveillance/security equipment and for Job Access and Reverse Commute (JARC) operating assistance. 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 \$9,194,358. 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 - \$7,193,486; FY 2016 State Restricted Comprehensive Transportation Funds - \$2,000,872.

36. PASSENGER TRANSPORTATION - Section 5310 Program
Project Authorization (20) Revision (1) under Master Agreement (2012-0138) between MDOT and Muskegon County Board of Commissioners will extend the authorization term by two years to provide sufficient time for the County to complete the bus shelter project. Although the project is progressing, additional time is needed to coordinate all available funding and to complete the work on this large citywide project. The original authorization provides state matching funds for the FY 2016 Federal Section 5310 New Freedom Program grant for assistance in the transportation of people with disabilities seeking integration into the workforce and full participation in society. The revised authorization term will be October 1, 2015, through September 30, 2018. The authorization amount remains unchanged at \$250,000. 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 - \$200,000; FY 2016 State Restricted Comprehensive Transportation Funds - \$50,000.
37. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (22) under Master Agreement (2012-0138) between MDOT and the Muskegon County Board of Commissioners will provide state matching funds for the FY 2016 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for preventive maintenance and marketing and outreach. 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 \$601,176. 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 - \$480,941; FY 2016 State Transportation Funds - \$120,235.
38. PASSENGER TRANSPORTATION - Section 5310 Program
Project Authorization (4) Revision (3) under Master Agreement (2012-0152) between MDOT and Pioneer Resources, in Muskegon County, will add a line for up to four replacement buses, will adjust the funding between the items, and will extend the authorization term by one year to provide sufficient time for the Agency to complete the projects. The additional vehicles are needed to replace vehicles that have met the ends of their useful lives. The original authorization provides state matching funds for the FY 2006 and FY 2012 Federal Section 5310 Elderly and Persons with Disabilities Program grant for the purchase of vehicles. The revised authorization term will be September 7, 2012, through September 6, 2018. The authorization amount remains unchanged at \$1,852,632. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$1,482,106; FY 2002 and FY 2013 State Restricted Comprehensive Transportation Funds - \$370,526.

39. PASSENGER TRANSPORTATION - Section 5310 Program
Project Authorization (8) Revision (1) under Master Agreement (2012-0152) between MDOT and Pioneer Resources, in Muskegon County, will add a line item for up to one additional replacement bus, will adjust the funding between the line items, and will extend the authorization term by one year to provide sufficient time for the Agency to complete the projects. The bus will replace a vehicle that has met the end of its useful life. The original authorization provides state matching funds for the FY 2006 and FY 2012 Federal Section 5310 Elderly and Persons with Disabilities Program grant for the purchase of replacement and expansion buses. The revised authorization term will be November 21, 2013, through November 20, 2017. The authorization amount remains unchanged at \$1,335,800. 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 - \$1,068,640; FY 2013 State Restricted Comprehensive Transportation Funds - \$267,160.
40. PASSENGER TRANSPORTATION - Section 5310 Program
Project Authorization (6) Revision (4) 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 add a line for a 30- to 35-foot bus, will reduce the number of the under 30-foot buses, will adjust the funding between the items, and will extend the authorization term by one year to provide sufficient time for SMART to complete the vehicle purchases. The additional time is needed because the procurement was delayed pending award of the State's extended purchase contract for medium duty buses. 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, 2017. The authorization amount remains unchanged at \$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.

41. PASSENGER TRANSPORTATION - Section 5309 Program

Project Authorization (3) Revision (1) under Master Agreement (2012-0171) between MDOT and the Thunder Bay Transportation Authority, in Alpena County, will extend the authorization term by approximately 18 months to provide sufficient time for the Authority to complete construction of the facility. The additional time is needed because initial bids were higher than the amount of available funding, so the project was redesigned and readvertised. The original authorization provides state matching funds for the FY 2011 Section 5309 Capital Discretionary Program/State of Good Repair grant for the construction of a new administrative and maintenance bus facility. The revised authorization term will be September 23, 2013, through February 28, 2018. The authorization amount remains unchanged at \$7,500,000. 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 - \$6,000,000; FY 2012 State Restricted Comprehensive Transportation Funds - \$1,500,000.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 6, 2016.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

CONTRACT

July 21, 2016

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.

CONTRACT

1. PASSENGER TRANSPORTATION - Marine Capital
Project Authorization (7) under Master Agreement (2012-0043) between MDOT and the Beaver Island Transportation Authority (BITA) will provide 80 percent Federal Ferry Boat Formula Program funds and state matching funds for improvements to the Beaver Island Ferry System, which provides marine passenger service between Charlevoix and Beaver Island. Project items will include such vessel renovations as carpeting, seating, tables, walls, ceilings, lighting, and doors. The authorization will be in effect from the date of award through three years. The authorization amount will be \$276,535. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: FY 2013 and FY 2014 Federal Ferry Boat Formula Program Funds - \$221,228; FY 2016 State Restricted Comprehensive Transportation Funds - \$55,307.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 6, 2016

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

LETTING STATISTICS

JUNE 2016

STATE PROJECTS OVERVIEW

The June 3, 8, and 9, 2016, Bid Lettings, included 24 State trunkline projects with \$147.9 million in total engineer estimates. The low bids received totaled \$130.8 million. The average low bid for the State projects let in June was \$5.4 million and the median of \$683.5 thousand. In comparing State projects of June 2015, 13 projects were let with \$18.0 million in total engineer estimates and \$18.5 million in low bid dollars.

Of the 24 State projects let in June of 2016, eight included warranties with \$122.2 million as the low bid total. The number of bids received for the State projects was 80.

For fiscal year 2016 to date, 244 State projects have been let with the low bid total of \$713.1 million. Compared to the same period last year, 215 State projects were let with a low bid total of \$806.7 million.

PROJECTS BID SUMMARY

The total number of bids received for the 83 projects let in June of 2016 was 294. The average number of bids received per project was 3.54.

There were no projects withdrawn or postponed from the June 2016, lettings, and currently, all bids were rejected for one Local project.

Of the 111 contracting companies eligible to submit bids for the June bid lettings, 94 submitted at least one bid.

JOB PROJECTIONS

The list of jobs projected to be let during FY 2016 was updated on 06/2/2016 to include a total of 303 State jobs with a total construction cost estimate of \$758.72 million.

For fiscal year 2016 through June, 112.9% of State jobs anticipated for this period have been let using 109.4% of the projected cost estimates. For the same period of FY 2015, 123.1% of State jobs were let using 117.9% of the projected construction costs.

UPCOMING LETTING STATS

The **July 8, 2016, Bid Letting** is advertising 19 State trunkline projects with a total engineer estimate of \$15.5 million. Of the 19 State projects, two include warranties with \$2.8 million as the total engineer estimate. Additionally, 39 Local area projects are advertised with an engineer estimate total of \$32.0 million and Aeronautics is advertising one project with an engineer estimate of \$99.1 thousand.

The **Special Letting of July 13, 2016**, is advertising one Fixed-price Variable Scope State project with a contract price of \$141.0 thousand. There are no warranties associated with this project.

A second Special Bid Letting is scheduled for **July 22, 2016**. Four State trunkline projects are advertised for this letting with total engineer estimates of \$7.7 million. Three of the four State projects advertised for July 22, include warranties with \$7.4 million as the total engineer estimate.

Note: Information provided in this report is subject to change

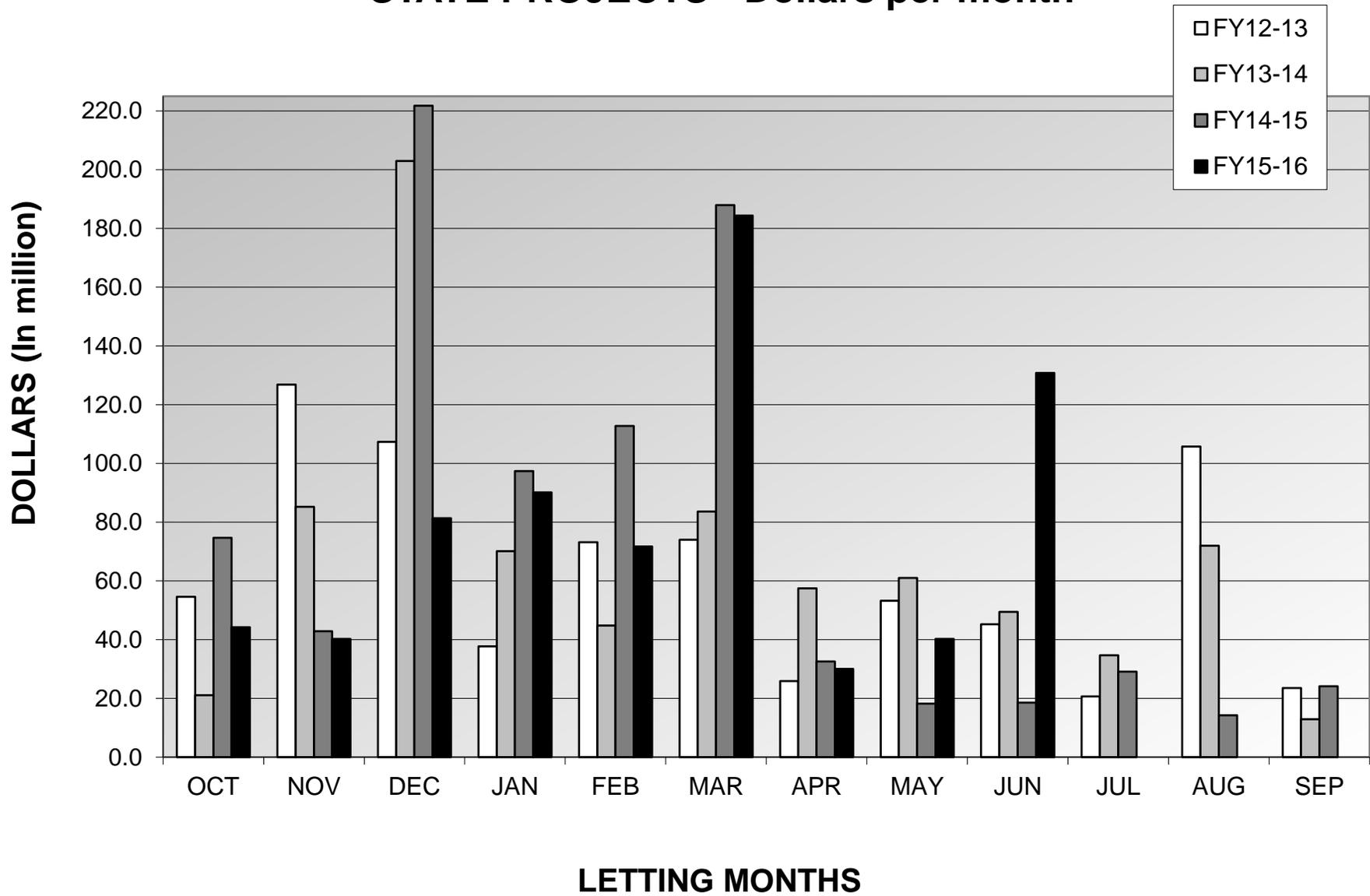
LETTING SUMMARY OF JUNE 3, 8, and 9, 2016

STATISTICS	PROGRAM AREA				
	STATE	LOCAL	AERO	FREIGHT SERVICES	TOTALS
Project Report					
Number of Projects Let	24	59	0	0	83
Engineer Estimates of Projects Let	\$147,919,726.54	\$57,225,094.61	\$0.00	\$0.00	\$205,144,821.15
Low Bid Report					
Low Bid Totals	\$130,798,820.10	\$55,868,873.67	\$0.00	\$0.00	\$186,667,693.77
% over/under eng. est. of projects let	-11.57%	-2.37%	0.00%	0.00%	-9.01%
All Bid Rejection Report					
All Bid Rejection(s)	0	1	0	0	1
All Bid Rejection(s) Engineer's Estimate	\$0.00	\$36,707.10	\$0.00	\$0.00	\$36,707.10
All Bid Rejection(s) Low Bid Amount	\$0.00	\$64,925.50	\$0.00	\$0.00	\$64,925.50
% over/under eng. est. of projects all bids rejected	0.00%	76.87%	0.00%	0.00%	76.87%
TBA Report - Low Bids Pending					
Number of TBAs	2	4	0	0	6
Engineer Estimates	\$2,380,030.65	\$2,116,792.45	\$0.00	\$0.00	\$4,496,823.10
Low Bid Amounts	\$2,766,292.02	\$2,332,636.01	\$0.00	\$0.00	\$5,098,928.03
% over/under engineer's estimate of TBA items	16.23%	10.20%	0.00%	0.00%	13.39%
Bidder (Bids) Report					
Number of Bids Received	80	214	0	0	294
Average # of Bidders per Project	3.33	3.63	0.00	0.00	3.54

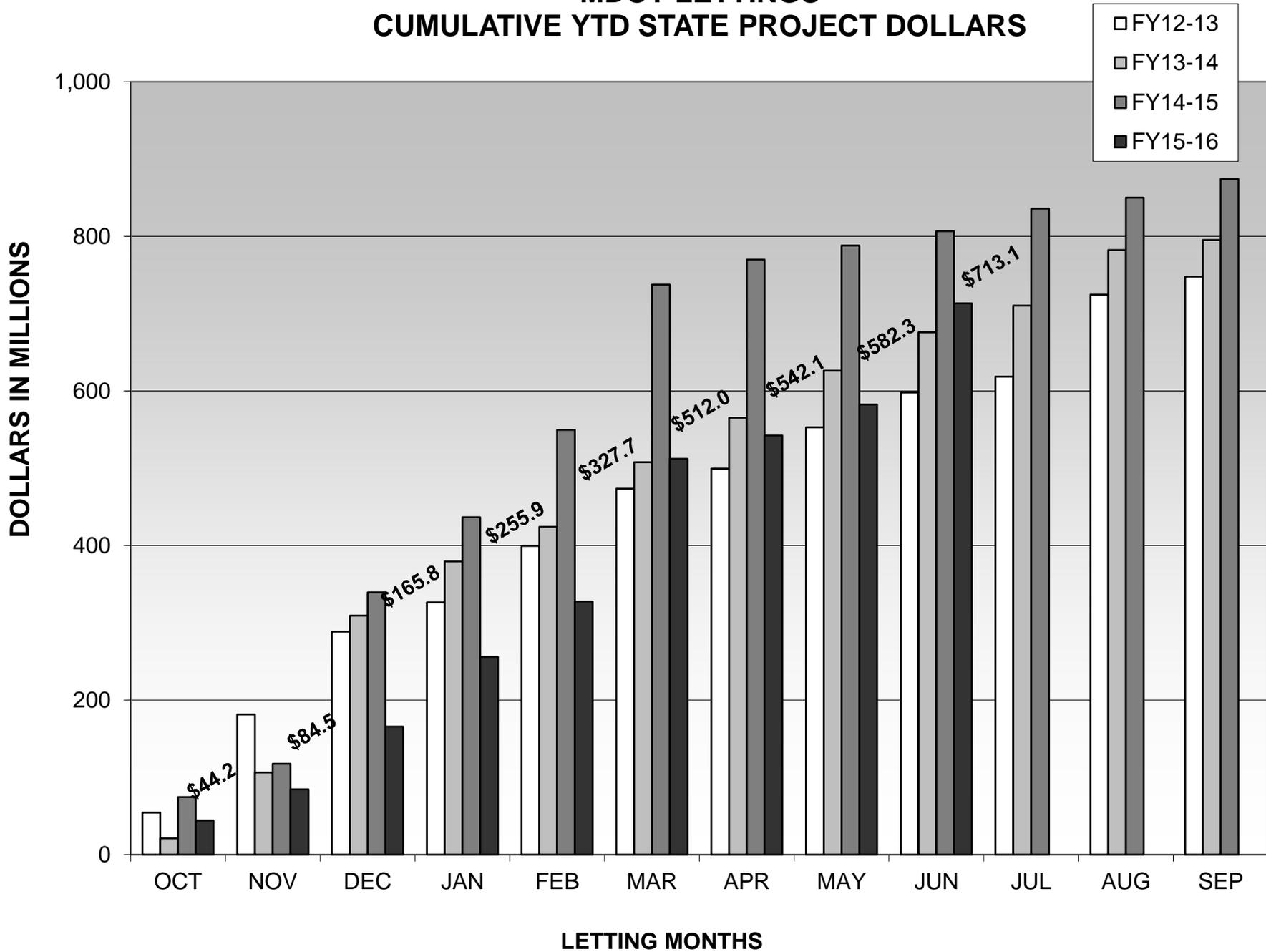
UPCOMING LETTING PROJECTIONS:

	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
July 8, 2016 - Bid Letting					
# of proj. advertised	19	39	1	0	59
# of projects with warranties	2	0	0	0	2
\$ Eng. Est. of projects advertised (In million)	\$15.5	\$32.0	\$0.1	\$0.0	\$47.6
\$ Eng. Est. of warranty projects (In million)	\$2.8	\$0.0	\$0.0	\$0.0	\$2.8
July 13, 2016 - FPVS Bid Letting					
# of proj. advertised	1	0	0	0	1
# of projects with warranties	0	0	0	0	0
\$ Eng. Est. of projects advertised (In million)	\$0.1	\$0.0	\$0.0	\$0.0	\$0.1
\$ Eng. Est. of warranty projects (In million)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
July 22, 2016 - Special Bid Letting					
# of proj. advertised	4	0	0	0	4
# of projects with warranties	3	0	0	0	3
\$ Eng. Est. of projects advertised (In million)	\$7.7	\$0.0	\$0.0	\$0.0	\$7.7
\$ Eng. Est. of warranty projects (In million)	\$7.4	\$0.0	\$0.0	\$0.0	\$7.4

MDOT LETTINGS STATE PROJECTS - Dollars per month

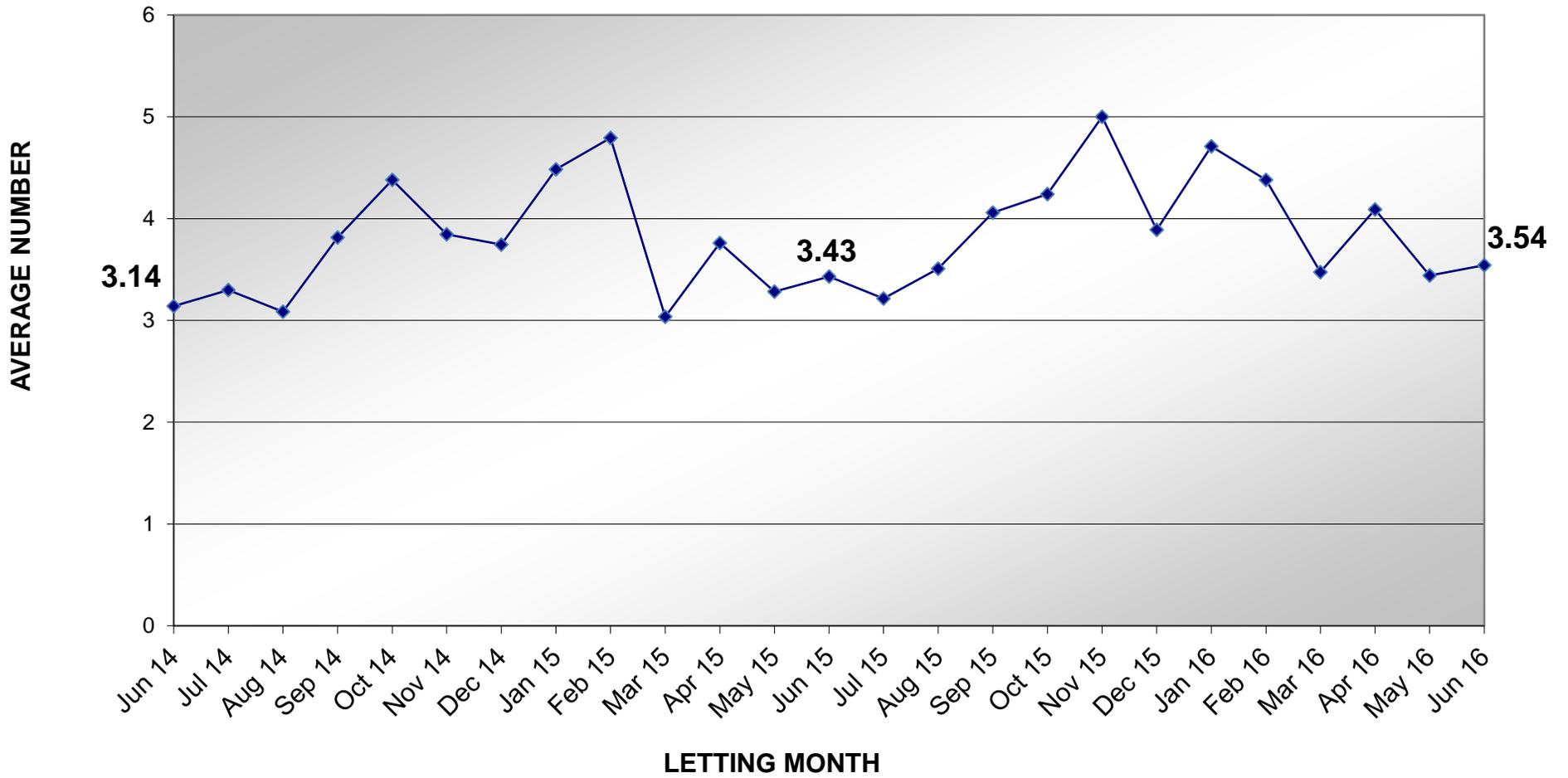


MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



AVERAGE NUMBER OF BIDDERS

JUNE 2014 through JUNE 2016



PROJECTS WITH SPECIFIED NUMBER OF BIDS - BY REGION

JUNE OF 2016

REGION	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	NUMBER OF PROJECTS BY REGION
BAY		1	4	2	2						9
GRAND		6	3	1	2	2	2		1		17
METRO		4	6	5	2	2					19
NORTH		4	5	1							10
SOUTHWEST		5	2	3		1					11
SUPERIOR		2	1								3
UNIVERSITY		5	4		2		1	1	1		14
NUMBER OF BIDS ON PROJECTS	0	27	25	12	8	5	3	1	2	0	Total 83

LETTING STATISTICS

JULY 8, 2016

STATE PROJECTS OVERVIEW

The July 8, 2016, Bid Letting, included 19 State trunkline projects with \$15.5 million in total engineer estimates. The low bids received totaled \$15.4 million. The average low bid for the State projects let on July 8, was \$812.0 thousand and the median of \$509.8 thousand. Of the 19 State projects let on July 8, two included warranties with \$2.4 million as the low bid total. The State projects of July 8, received a total of 61 bids. In comparing the totals of July 2015, 23 State projects were let with engineer estimates of \$25.5 million and \$29.1 million in total low bid dollars. The State projects of July 2015, received 69 bids.

For fiscal year 2016 to date, 263 State projects have been let with the low bid total of \$728.6 million. Compared to the same period last year, 238 State projects were let with a low bid total of \$835.8 million.

PROJECTS BID SUMMARY

The total number of bids received for the 59 projects let in July 2016, was 232. The average number of bids received per project was 3.93.

There were no projects withdrawn or postponed from the July 8, 2016, letting, and currently, there are no projects for which all bids have been rejected.

Of the 99 contracting companies eligible to submit bids for the July 8, letting, 82 submitted at least one bid.

JOB PROJECTIONS

The list of jobs projected to be let during FY 2016 was updated on 07/07/2016 to include a total of 304 State jobs with a total construction cost estimate of \$752.5 million.

For fiscal year 2016 through July, 121.6% of State jobs anticipated for this period have been let using 130.2% of the projected cost estimates. For the same period of FY 2015, 124.2% of State jobs were let using 117.9% of the projected construction costs.

UPCOMING LETTING STATS

The **Special Letting of July 13, 2016**, is advertising one Fixed-price Variable Scope State project with a contract price of \$182.0 thousand. There are no warranties associated with this project.

A **second Special Bid Letting** is scheduled for **July 22, 2016**. Five State trunkline projects are advertised for this letting with an engineer estimate total of \$8.7 million. Four of the five State projects advertised include warranties with \$8.4 million as the total engineer estimate.

The **August 5, 2016, Bid Letting** is currently advertising 18 State trunkline projects with total engineer estimates of \$34.9 million. Of the 18 State projects, seven include warranties with \$12.5 million in total engineer estimates. In addition to the State projects advertised for this letting, there are 28 Local projects with an estimated total of \$36.5 million and one Aeronautics project with an engineer estimate of \$57.4 thousand.

Note: Information provided in this report is subject to change

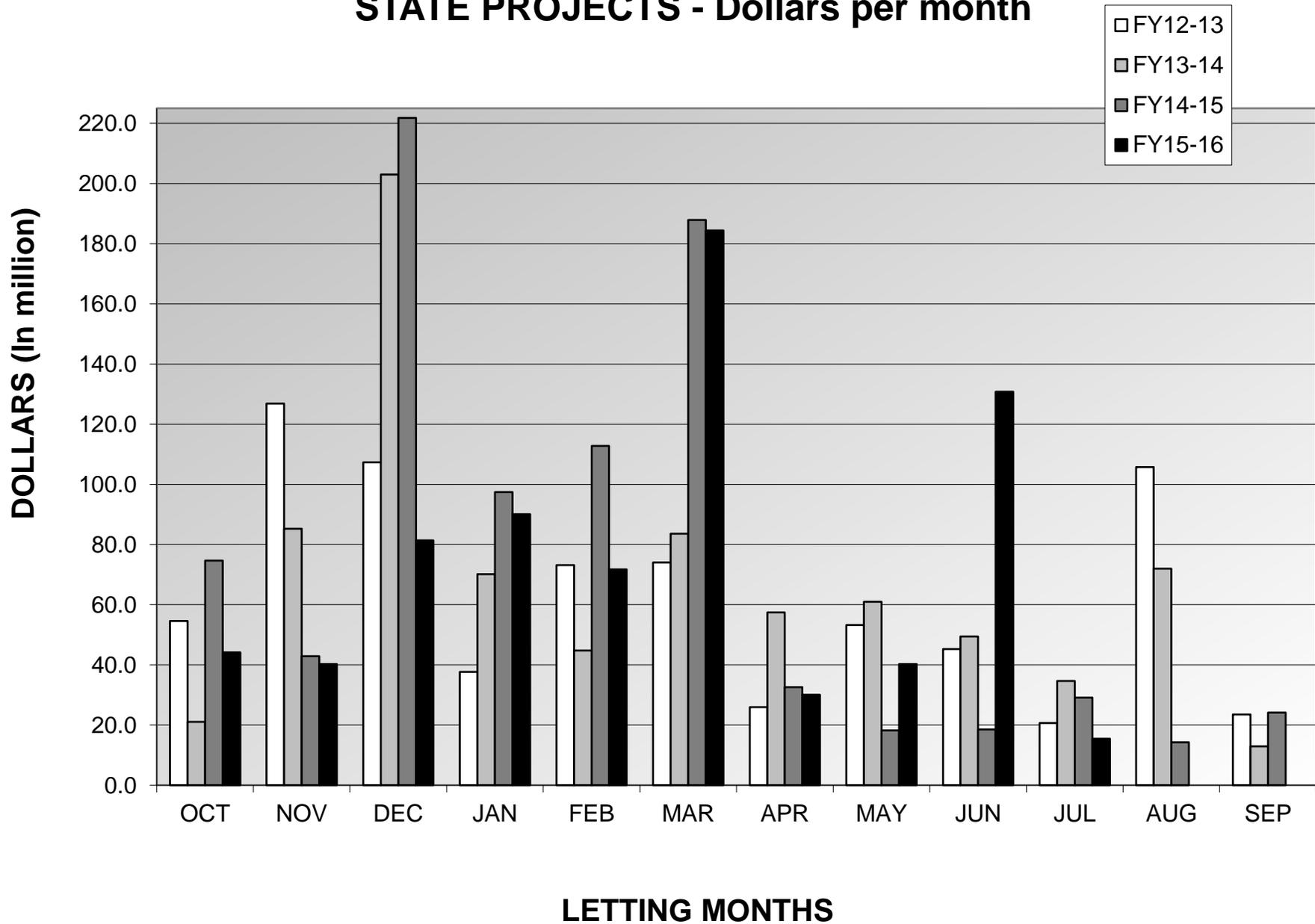
LETTING SUMMARY OF JULY 8, 2016

STATISTICS	PROGRAM AREA				
	STATE	LOCAL	AERO	FREIGHT SERVICES	TOTALS
Project Report					
Number of Projects Let	19	39	1	0	59
Engineer Estimates of Projects Let	\$15,532,738.32	\$32,081,303.71	\$99,075.00	\$0.00	\$47,713,117.03
Low Bid Report					
Low Bid Totals	\$15,428,032.23	\$31,330,814.26	\$119,293.75	\$0.00	\$46,878,140.24
% over/under eng. est. of projects let	-0.67%	-2.34%	20.41%	0.00%	-1.75%
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	7	1	0	16
Engineer Estimates	\$5,219,184.99	\$5,827,983.65	\$99,075.00	\$0.00	\$11,146,243.64
Low Bid Amounts	\$5,593,196.88	\$6,426,285.49	\$119,293.75	\$0.00	\$12,138,776.12
% over/under engineer's estimate of TBA items	7.17%	10.27%	20.41%	0.00%	8.90%
Bidder (Bids) Report					
Number of Bids Received	61	168	3	0	232
Average # of Bidders per Project	3.21	4.31	3.00	0.00	3.93

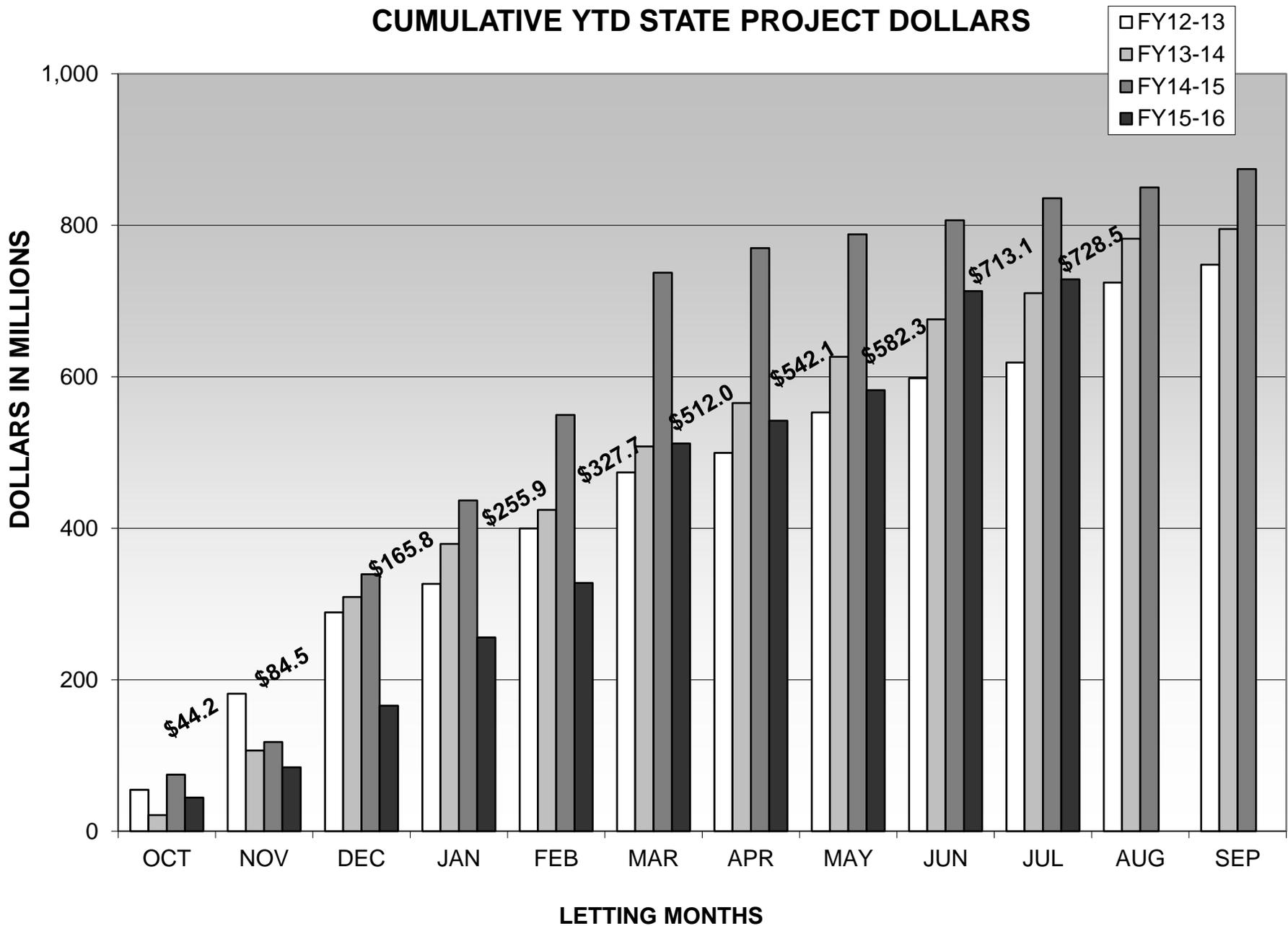
UPCOMING LETTING PROJECTIONS:

	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
July 13, 2016 - FPVS Bid Letting					
# of proj. advertised	1	0	0	0	1
# of projects with warranties	0	0	0	0	0
\$ Eng. Est. of projects advertised (In million)	\$0.18	\$0.0	\$0.0	\$0.0	\$0.18
\$ Eng. Est. of warranty projects (In million)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
July 22, 2016 - Special Bid Letting					
# of proj. advertised	5	0	0	0	5
# of projects with warranties	4	0	0	0	4
\$ Eng. Est. of projects advertised (In million)	\$8.7	\$0.0	\$0.0	\$0.0	\$8.7
\$ Eng. Est. of warranty projects (In million)	\$8.4	\$0.0	\$0.0	\$0.0	\$8.4
August 5, 2016 - Bid Letting					
# of proj. advertised	18	28	1	0	47
# of projects with warranties	7	0	0	0	7
\$ Eng. Est. of projects advertised (In million)	\$34.9	\$36.5	\$0.057	\$0.0	\$71.4
\$ Eng. Est. of warranty projects (In million)	\$12.5	\$0.0	\$0.0	\$0.0	\$12.5

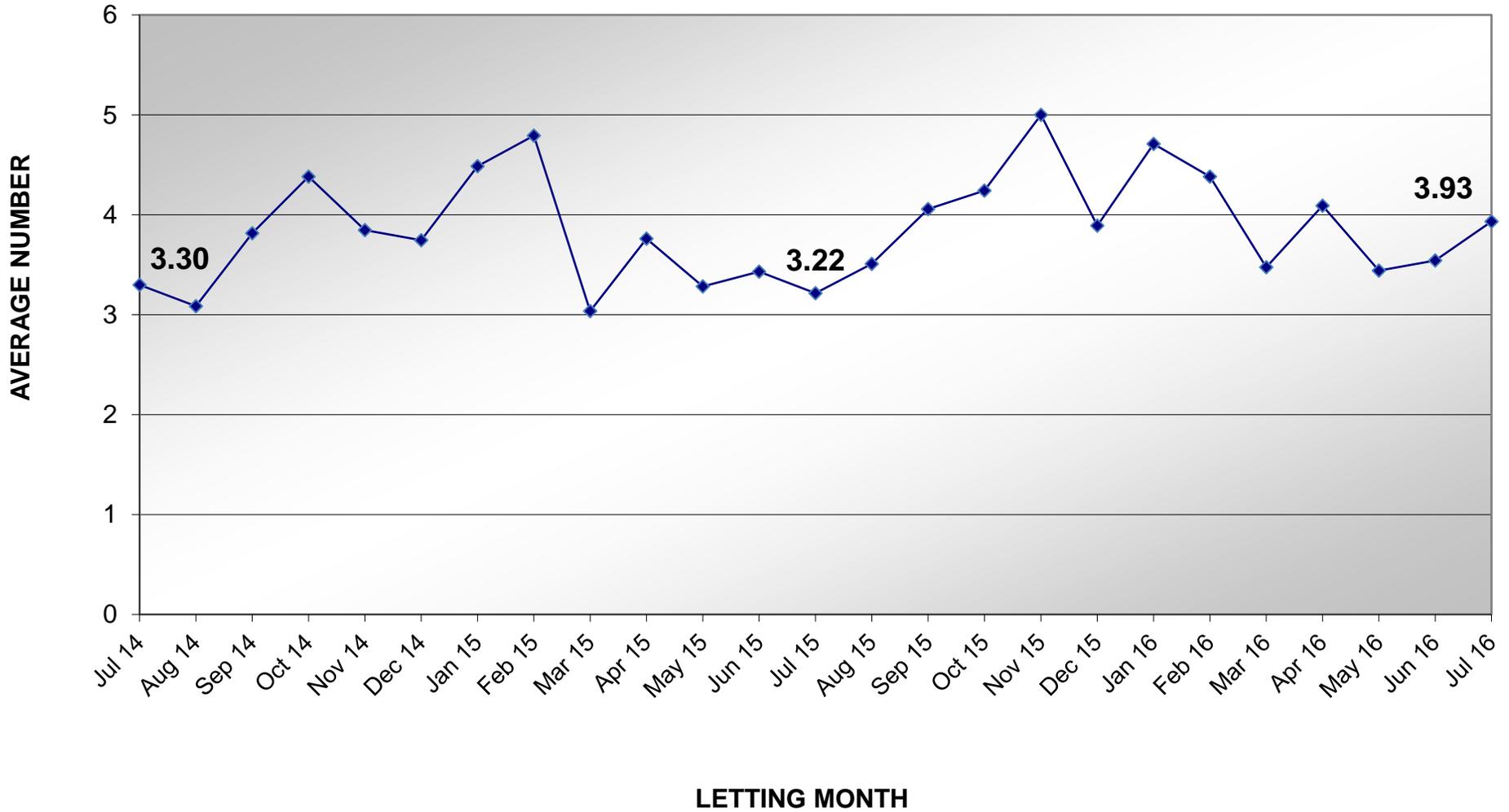
MDOT LETTINGS STATE PROJECTS - Dollars per month



MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



AVERAGE NUMBER OF BIDDERS
JULY 2014 through JULY 2016



PROJECTS WITH SPECIFIED NUMBER OF BIDS - BY REGION

JULY 8, 2016

REGION	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	NUMBER OF PROJECTS BY REGION
BAY			3	1	1	3		1			9
GRAND	1		1	1		2	1	2			8
METRO			3	1	3	3		1			11
NORTH		3	3	1							7
SOUTHWEST		5	1	1	1						8
SUPERIOR	1	3	3								7
UNIVERSITY		1	4	2	1		1				9
NUMBER OF BIDS ON PROJECTS	2	12	18	7	6	8	2	4	0	0	Total 59

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL
BID LETTING PRE-APPROVAL

July 21, 2016

The following contracts are being submitted for approval.

STATE PROJECTS

1. Letting of July 22, 2016 Prequalification Level:
Letting Call: 1607 901 **\$831,000.00**
Project: M 65052-131197
Local Agreement:
Start Date: September 6, 2016
Completion Date: October 21, 2016

3.47 mi of hot mix asphalt cold milling and resurfacing on M-33 from south of M-55 to north of Engle Road and on M-55 west of M-33, Ogemaw County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

2. Letting of July 22, 2016 Prequalification Level:
Letting Call: 1607 903 **\$3,906,000.00**
Project: M 68041-129968
Local Agreement:
Start Date: 10 days after award
Completion Date: November 10, 2016

19.64 mi of hot mix asphalt cold milling, resurfacing and pavement markings on M-72 from east of M-18 to west of 14th Street and on M-18 from northeast of Lancewood Drive to west of Flooter Road, Roscommon County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

3. Letting of July 22, 2016 Prequalification Level:
Letting Call: 1607 904 **\$2,625,000.00**
Project: M 04032-130979
Local Agreement:
Start Date: 10 days after award
Completion Date: November 10, 2016

7.82 mi of hot mix asphalt cold milling and resurfacing with joint repair on US-23 from north of Hamilton Road to the north Alpena County line, Alpena County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

4. Letting of July 22, 2016 Prequalification Level:
Letting Call: 1607 905 **\$1,031,000.00**
Project: NH 43022-131121
Local Agreement:
Start Date: August 15, 2016
Completion Date: September 29, 2016

2.00 mi of hot mix asphalt cold milling and resurfacing, shoulder repairs and fiber reinforced bituminous membrane on US-10 from west of Saddler Road to west of Deer Lake Road, Lake County. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

5. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 001 **\$7,688,000.00**
Project: M 38171-113568
Local Agreement:
Start Date: October 1, 2016
Completion Date: June 1, 2018

5.81 mi of hot mix asphalt cold milling and resurfacing, concrete driveway, curb, gutter, spillway and sidewalk, guardrail, drainage, geometric improvements, pavement markings, signing and traffic signal modernization on M-50 (Brooklyn Road) from US-127 easterly to Napoleon Road, Jackson County.

0.00 % DBE participation required

6. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 018 **\$3,601,000.00**
Project: M 79061-131204
Local Agreement:
Start Date: 10 days after award
Completion Date: November 5, 2016

15.43 mi of hot mix asphalt cold milling and resurfacing on M-81 from Reese Road to west of Colling Road in the village of Reese and city of Caro, Tuscola County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

7. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 019 **\$1,922,000.00**
Project: M 80072-131251
Local Agreement:
Start Date: October 10, 2016
Completion Date: May 18, 2017

7.43 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-40 from M-43 to the south Allegan County line gapping out the city of Gobles, Van Buren County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

8. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 020 **\$1,526,000.00**
Project: NH 09111-128443
Local Agreement:
Start Date: April 17, 2017
Completion Date: June 22, 2018

Epoxy overlay, railing replacement, joint and pin & hanger, structural steel and substructure repairs, and concrete surface coating on Wilder Road and Wheeler Road over the M-13 Connector, Bay County. This project includes a 2 year bridge painting warranty.

4.00 % DBE participation required

9. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 021 **\$7,832,000.00**
Project: ST 84923-106329
Local Agreement:
Start Date: 10 days after award
Completion Date: May 25, 2018

Installation of ITS devices, ESS devices, and fiber optic cable on US-31, I-96, I-196, M-45 and US-131, Ionia, Kent, Mecosta, Muskegon and Ottawa Counties. Please see Notice to Bidders for Determination of Lowest Successful Bidder and the Special Provision for Source of Steel and Iron (Buy America).

0.00 % DBE participation required

10. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 022 **\$2,190,000.00**
Project: GF16 47014-128409
Local Agreement:
Start Date: 10 days after award
Completion Date: September 1, 2017

Bridge rehabilitation on 7 bridges including deck patching, deck overlay, joint and pier cap replacement, concrete beam repair, substructure patching, heat straightening, structural steel repair, partial painting, concrete surface coating, slope paving repair and replacement, and approach work on US-23 from Lee Road to White Lake Road, Livingston County.

0.00 % DBE participation required

11. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 030 **\$2,084,000.00**
Project: ST 76061-131027
Local Agreement:
Start Date: 10 days after award
Completion Date: October 15, 2016

8.32 mi of hot mix asphalt cold milling and resurfacing, joint repairs and pavement markings on M-21 from Maple River to the west spring point of Delaney Road, Clinton and Shiawassee Counties. This project includes a 3 year materials and workmanship pavement warranty.

4.00 % DBE participation required

12. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 041 **\$1,437,000.00**
Project: M 80111-131252
Local Agreement:
Start Date: September 12, 2016
Completion Date: October 28, 2016

6.93 mi of hot mix asphalt cold milling and overlay resurfacing on M-40 from the Cass/Van Buren county line to south of Morrill Street in the village of Lawton, Van Buren County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

13. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 042 **\$1,379,000.00**
Project: IM 82023-131248
Local Agreement:
Start Date: August 22, 2016
Completion Date: June 29, 2017

4.35 mi of full-depth concrete pavement repairs and pavement markings on I-94 from Wyoming Avenue to 2nd Avenue in the city of Detroit, Wayne County.

6.00 % DBE participation required

14. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 043 **\$1,285,000.00**
Project: ST 18042-130939
Local Agreement:
Start Date: September 6, 2016
Completion Date: June 10, 2017

5.01 mi of hot mix asphalt cold milling and resurfacing, shoulder gravel and guardrail on M-61 from Rodgers Avenue easterly to Clarwin Avenue, Clare and Gladwin Counties. This project includes a 3 year materials and workmanship pavement warranty.

5.00 % DBE participation required

15. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 044 **\$663,000.00**
Project: M 56051-124852
Local Agreement:
Start Date: September 6, 2016
Completion Date: June 10, 2017

0.91 mi of hot mix asphalt cold milling and resurfacing, joint repairs, ADA ramp upgrades and permanent pavement markings on US-10BR (Eastman Avenue) from Saginaw Road northerly to Wackerly Street in the city of Midland, Midland County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

16. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 045 **\$507,000.00**
Project: M 82061-M71684
Local Agreement:
Start Date: 10 days after award
Completion Date: November 15, 2016

6.49 mi of maintenance repairs of catch basins, drainage structures, drainage structure lead cleaning and curb and gutter replacement on US-12 (Michigan Avenue) from Merriman Road to Gulley Road and on M-5 (Grand River Avenue) from 8 Mile Road to Berg Road in the cities of Livonia, Inkster, Westland, Dearborn Heights and Detroit, Wayne County.

0.00 % DBE participation required

LOCAL PROJECTS

17. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 002 **\$7,659,000.00**
Project: STU 81475-127198-2
Local Agreement: 15-5615
Start Date: 10 days after award
Completion Date: October 31, 2018

0.67 mi of road reconstruction including hot mix asphalt removal and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, subbase, storm sewer, watermain, retaining wall, sidewalk, street lighting, traffic signal work, and pavement markings on East Stadium Boulevard from Hutchins Avenue to Kipke Drive in the city of Ann Arbor, Washtenaw County.

6.00 % DBE participation required

18. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 003 **\$2,510,000.00**
Project: MCS 37014-122789
Local Agreement: 16-5377
Start Date: 10 days after award
Completion Date: June 30, 2017

Bridge removal and replacement with 3-span, 33-inch prestressed concrete box beams, hot mix asphalt surfacing, sewer, drainage, cofferdam, steel piles, concrete curb, gutter, slope restoration and guardrail on Lincoln Road over Chippewa River, Isabella County.

0.00 % DBE participation required

19. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 004 **\$1,535,000.00**
Project: NH 82459-131192
Local Agreement: 16-5348
Start Date: 10 days after award
Completion Date: 180 Calendar Days

3.34 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, driveway approaches, drainage structure adjustments, pavement removal and replacement, lane ties, and permanent pavement markings at various locations along Southfield Road service drives in the city of Detroit, Wayne County.

3.00 % DBE participation required

20. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 006 **\$524,000.00**
Project: HSIP 10609-127307
Local Agreement: 16-5325
Start Date: October 3, 2016
Completion Date: May 19, 2017

25.60 mi of clearing and tree removals on County Road 606 at 7 locations on River Road, Grace Road, North Manistee County Line Road, Pioneer Road, Indianhill Road, Cinder Road and Lake Ann Road, Benzie County.

0.00 % DBE participation required

21. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 008 **\$2,342,000.00**
Project: STL 09555-127657
Local Agreement: 16-5382
Start Date: May 1, 2017
Completion Date: August 31, 2017

4.85 mi of hot mix asphalt base crushing, shaping, cold milling, and resurfacing, culvert replacement, guardrail and pavement markings on Farley Road from M-138 north to M-25, Bay County.

4.00 % DBE participation required

22. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 009 **\$657,000.00**
Project: CMG 81400-124917
Local Agreement: 16-5365
Start Date: November 1, 2016
Completion Date: July 28, 2017

Roundabout construction including hot mix asphalt crushing, shaping and resurfacing, drainage, concrete culvert, sewer, concrete curb, gutter, slope restoration and pavement markings on Scio Church Road at Wagner Road, Washtenaw County.

4.00 % DBE participation required

23. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 010 **\$1,396,000.00**
Project: STL 25049-121501
Local Agreement: 16-5364
Start Date: March 1, 2017
Completion Date: August 31, 2017

1.40 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate base and shoulder, culvert replacement and guardrail on Mount Morris Road from State Road (M-15) easterly to Land Fill Road, Genesee County.

5.00 % DBE participation required

24. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 011 **\$829,000.00**
Project: CMG 81400-124989
Local Agreement: 16-5378
Start Date: September 30, 2016
Completion Date: December 15, 2017

Expand existing SCOOT Signal Traffic Adaptive Control and sidewalk upgrades on Seventh Street from Scio Church Road to Miller Road and on Scio Church Road from Seventh Street to Main Street in the city of Ann Arbor, Washtenaw County.

0.00 % DBE participation required

25. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 014 **\$3,872,000.00**
Project: STU 82459-131161
Local Agreement: 16-5379
Start Date: 10 days after award
Completion Date: 90 Calendar Days

4.68 mi of hot mix asphalt cold milling and resurfacing, concrete curb, sidewalk and ramps, driveway approaches, drainage structure adjustments, and pavement markings at 9 locations on Tireman Avenue from Livernois Avenue to Northlawn Street, on Oakman Boulevard from Grand River Avenue to Joy Road, on Joy Road at the Jefferies Freeway eastbound and westbound intersections, on Joy Road from Schaefer Highway to Wyoming Avenue, on Dexter Avenue from Fenkell Avenue to Puritan Avenue, on James Couzens Freeway northbound from Schaefer Highway to Audrey Street, and on Schaefer Highway at the Jefferies Freeway eastbound and westbound intersections in the city of Detroit, Wayne County.

5.00 % DBE participation required

26. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 015 **\$1,199,000.00**
Project: STU 82400-131202
Local Agreement: 16-5389
Start Date: 10 days after award
Completion Date: 60 Calendar Days

1.54 mi of hot mix asphalt cold milling and resurfacing, concrete curbs, sidewalk and ramps, drainage, driveway approaches, pavement removal and replacement, and pavement markings on various routes in the city of Detroit, Wayne County.

4.00 % DBE participation required

27. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 024 **\$5,211,000.00**
Project: STU 25049-121486
Local Agreement: 16-5397
Start Date: April 12, 2017
Completion Date: October 31, 2017

2.18 mi of pavement removal, hot mix asphalt surfacing, machine grading, aggregate base, storm sewer, drainage, concrete curb, gutter and ramps and guardrail on Coldwater Road from Clio Road to Saginaw Street, Genesee County.

5.00 % DBE participation required

28. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 025 **\$765,000.00**
Project: MCS 70007-118537, ETC
Local Agreement: 16-5386
Start Date: October 3, 2016
Completion Date: June 2, 2017

Placing riprap along both abutments, bridge deck overlay and approach work on Quincy Street over Black Creek and on Green Street over Sterns Bayou, Ottawa County.

0.00 % DBE participation required

29. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 034 **\$2,006,000.00**
Project: TAUL 69023-126425
Local Agreement: 16-5388
Start Date: September 6, 2016
Completion Date: September 19, 2018

0.38 mi of decorative stamped concrete, sanitary sewer, drainage, sidewalk and crosswalk improvement, decorative lighting, benches, informational kiosk and trees in the city of Gaylord, Otsego County.

3.00 % DBE participation required

30. Letting of August 5, 2016 Prequalification Level:
Letting Call: 1608 035 **\$1,846,000.00**
Project: MCS 50006-123019
Local Agreement: 16-5396
Start Date: 10 days after award
Completion Date: May 26, 2017

Bridge removal and replacement with prestressed concrete box beams, hot mix asphalt surfacing and guardrail on Shook Road over Clinton-Harrison Drain, Macomb County.

0.00 % DBE participation required

31. Letting of August 5, 2016
Letting Call: 1608 036
Project: TAU 58461-128435
Local Agreement: 16-5393
Start Date: 10 days after award
Completion Date: May 31, 2017

Prequalification Level:
\$812,000.00

0.12 mi of road reconstruction, brick pavement, concrete curb, gutter and sidewalks, street lighting, streetscaping, signing and pavement markings on Luna Pier Road from Harold Drive to Lakeside Drive in the city of Luna Pier, Monroe County.

5.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 6, 2016.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

3. Letting of August 5, 2016
Letting Call: 1608 051
Project: M 82293-M71683
Local Agreement:
Start Date: 10 days after award
Completion Date: November 1, 2016

Prequalification Level:
\$911,000.00

2.57 mi of full-depth concrete pavement repairs and longitudinal joint repair on I-275 from M-153 (Ford Road) northerly to Ann Arbor Road, Wayne County.

0.00 % DBE participation required

4. Letting of August 5, 2016
Letting Call: 1608 057
Project: M 82062-M71602
Local Agreement:
Start Date: 10 days after award
Completion Date: October 31, 2016

Prequalification Level:
\$695,000.00

0.04 mi of hot mix asphalt overlay, concrete repairs, brick removal and salvage and track removal on US-12 (Michigan Avenue) at Trumbull Avenue in the city of Detroit, Wayne County.

0.00 % DBE participation required

REAL ESTATE

5. Letting of August 5, 2016
Letting Call: 1608 046
Project: MX 82194-113693B1
Local Agreement:
Start Date: 10 days after award
Completion Date: November 11, 2016

Prequalification Level:
\$1,245,000.00

Demolition and removal of residential buildings and outbuildings, fences and backfilling at 52 various parcels at the proposed Gordie Howe International Bridge site and the vicinity located in the city of Detroit, Wayne County.

8.00 % DBE participation required

July 21, 2016

SUPPLEMENTAL EXHIBIT A-1

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 16, 2016.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

REQUEST FOR MICHIGAN STATE
TRANSPORTATION COMMISSION APPROVAL
LETTING EXCEPTIONS AGENDA

July 21, 2016

STATE PROJECTS

1. Letting of July 8, 2016
 Letting Call: 1607 038
 Project: NH 21022-128882
 Local Agreement: 16-5244
 Start Date: 10 days after award
 Completion Date: September 29, 2016
- Low Bid: **\$568,519.86**
 Engineer Estimate: \$504,563.32
 Pct Over/Under Estimate: 12.68 %

0.48 mi of intersection realignment, hot mix asphalt surfacing, cold milling, and shared-use path construction on US-2, US-41 and M-35 at the Lake Shore Drive intersection in the city of Gladstone, Delta County.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Payne & Dolan Inc.	\$568,519.86	Same	1 **
Bacco Construction Company	\$575,444.61	Same	2

Total Number of Bidders: 2

2. Letting of July 8, 2016
 Letting Call: 1607 044
 Project: M 27041-119812
 Local Agreement:
 Start Date: 10 days after award
 Completion Date: October 28, 2016
- Low Bid: **\$2,799,611.98**
 Engineer Estimate: \$3,092,105.25
 Pct Over/Under Estimate: -9.46 %

6.58 mi of hot mix asphalt cold milling and resurfacing, pavement joint repairs, guardrail and culvert repairs on M-28 from west of Thomaston Road easterly to just west of the railroad tracks in the city of Wakefield, Gogebic County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Bacco Construction Company	\$2,799,611.98	Same	1 **

Total Number of Bidders: 1

LOCAL PROJECTS

3. Letting of July 8, 2016
Letting Call: 1607 003
Project: BRO 50006-123025
Local Agreement: 16-5296
Start Date: 10 days after award
Completion Date: November 15, 2016
- Low Bid: **\$1,951,003.30**
Engineer Estimate: \$1,736,716.00
Pct Over/Under Estimate: 12.34 %

Bridge removal and replacement with prestressed concrete box beams, hot mix asphalt surfacing and guardrail on Lakeshore Drive over canal to Lake St. Clair, Macomb County.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Dan's Excavating, Inc.	\$1,951,003.30	Same	1 **
Z Contractors, Inc.	\$1,980,000.00	Same	2
Toebe Construction LLC	\$2,196,059.79	Same	3

Total Number of Bidders: 3

4. Letting of July 8, 2016
Letting Call: 1607 012
Project: BRO 82004-118545
Local Agreement: 16-5316
Start Date: 10 days after award
Completion Date: May 31, 2017
- Low Bid: **\$1,027,176.02**
Engineer Estimate: \$833,168.25
Pct Over/Under Estimate: 23.29 %

Bridge removal and replacement with 21-inch precast concrete box beams on concrete abutments, sewer, drainage, cofferdam, piles and concrete approach surfacing on Hazel Street over Sexton Kilfoil Drain in the city of Lincoln Park, Wayne County.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Z Contractors, Inc.	\$1,027,176.02	Same	1 **
Dan's Excavating, Inc.	\$1,116,428.68	Same	2
Toebe Construction LLC	\$1,125,494.02	Same	3
E. C. Korneffel Co.	\$1,168,939.35	Same	4
C. A. Hull Co., Inc.	\$1,288,618.75	Same	5
Anlaan Corporation	\$1,294,254.58	Same	6

Total Number of Bidders: 6

5. Letting of July 8, 2016
 Letting Call: 1607 013
 Project: BHO 32023-122777
 Local Agreement: 16-5317
 Start Date: 10 days after award
 Completion Date: June 1, 2017

Low Bid: **\$897,548.70**
 Engineer Estimate: \$807,286.50
 Pct Over/Under Estimate: 11.18 %

Superstructure removal and replacement with 36-inch prestressed concrete I-beams, widening of superstructures, steel piles, culvert, hot mix asphalt surfacing and guardrail on Huron Line Road over the State Drain, Intercounty Drain, Huron County.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
J. E. Kloote Contracting, Inc.	\$897,548.70	Same	1 **
Anlaan Corporation	\$942,732.31	Same	2
John Henry Excavating Inc.	\$945,994.25	Same	3
Toebe Construction LLC	\$1,063,672.47	Same	4
C. A. Hull Co., Inc.	\$1,098,496.26	Same	5
Z Contractors, Inc.	\$1,108,318.22	Same	6

Total Number of Bidders: 6

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 6, 2016.

Respectfully submitted,

Original signed

Kirk T. Steudle
 Director

INFORMATION FOR MICHIGAN STATE
TRANSPORTATION COMMISSION

July 21, 2016

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

LOCAL PROJECT

1.	Letting of July 8, 2016	Low Bid: \$112,895.98
	Letting Call: 1607 036	Engineer Estimate: \$116,316.80
	Project: EDD 54555-124487	Pct Over/Under Estimate: -2.94 %
	Local Agreement: 16-5349	
	Start Date: 10 days after award	
	Completion Date: September 1, 2016	

3.09 mi of single chip sealing and fog sealing on 5 Mile Road from 70th Avenue east to 40th Avenue, Mecosta County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Fahrner Asphalt Sealers, L.L.C.	\$112,895.98	Same	1 **

Total Number of Bidders: 1

This project, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, is being submitted for informational purposes. The contracts for this project will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 6, 2016.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

EXHIBIT B
Construction Contracts - MDOT Projects
Items to the Commission - July 21, 2016

Total Over the Original Cost (All MDOT) \$3,522,161.67	Total Over the Original Cost (MDOT/MDOT) \$2,969,138.63	Total Over the Original Cost (MDOT/Cons) \$553,023.04
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	Number of Projects Over 10% (7 Total)	Total Original Contract Amount \$11,086,182.95	Total Final Contract Amount \$14,608,344.62	Total Increase or Decrease \$3,522,161.67	Total Percent 31.77%
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Region	Control Section	Job Number	Project Description	Prime Contractor	Original Contract Amount	Final Contract Amount	Increase	Percent	Date Work Started	Expect Compl.	Actual Compl.	Final Date	Designed by MDOT (M) or Consultant (C)	Reason for Additional Project Costs
Metro	63031	123992	3.78 mi of full-depth concrete pavement patching, joint repair, diamond grinding, and pavement marking on US-24 southbound from Orchard Lake Road to Long Lake Road, on US-24 northbound from Square Lake Road to Long Lake Road, and on US-24 from north and south of Maple Road, Oakland County.	Cipparrone Contracting, Inc.	\$1,568,479.76	\$2,978,327.16	\$1,409,847.40	89.89%	4/23/2015	8/31/2015	10/6/2015	3/8/2016	M	<u>Reason #1:</u> CM #1 increased the quantity of pavement repairs that were included in the contract. The road had rapidly deteriorated to the point where the quantities in the contract were insufficient to restore the pavement to an acceptable condition. Reason 1 accounts for 100% of the total project cost increases.
Superior	75061	120641	Construction of new, portable intermittent truck weigh station and truck inspection site on M-28 at the Seney Rest Area, Schoolcraft County. This project includes a 5 year materials and workmanship pavement warranty.	Bacco Construction Company	\$155,259.24	\$196,110.43	\$40,851.19	26.31%	9/8/2015	10/15/2015	10/15/2015	3/14/2016	M	<u>Reason #1:</u> CM #3 included an increase to the item Subbase CIP. Due to field conditions the contractor had to remove unsuitable soil encountered in the subgrade. There was organic material underneath where the proposed pavement was going to be built. The organic material had to be excavated/removed and then replaced with good subbase material or else the proposed pavement would have failed prematurely. Reason 1 accounts for \$35,805.30, or 88% of the total project cost increases.
Bay	73081	M41504	Curb removal and replacement, hot mix asphalt and concrete removal, hot mix asphalt replacement, and drainage structure adjustments on M-81 at Wolf Road, Saginaw County.	Ace-Saginaw Paving Company	\$45,434.97	\$49,989.67	\$4,554.70	10.02%	9/3/2015	9/30/2015	9/16/2015	4/6/2016	M	<u>Reason #1:</u> CM #2 included increases in HMA items final quantities and an addition of needed slope restoration item that were not included in the original plans. The quantities of these items were underestimated in the plans. Reason 1 accounts for 100% of the total project cost increases.
Metro	63041	123126	3.47 mi of hot mix asphalt cold milling and resurfacing, full-depth concrete pavement repairs, sidewalk ramp, and push button installation on M-59 from north of Elizabeth Lake Road easterly to northbound Woodward Avenue in the city of Pontiac, Oakland County. This project includes 3 year and 5 year materials and workmanship pavement warranties.	Ajax Paving Industries, Inc.	\$2,424,800.75	\$2,753,709.42	\$328,908.67	13.56%	7/8/2014	10/31/2014	5/12/2015	4/6/2016	M	<u>Reason #1:</u> CM #1 and CM #2 include an increase of \$160,650.00 for Pavt Repr, Nonreinf Conc, 10 inch. This was necessary to properly repair the concrete sections of pavement. There were more areas in need of patching than what was in the plans. <u>Reason #2:</u> CM #4 includes an increase of \$72,463.93 for HMA, 5E10. This was necessary to achieve satisfactory ride quality and fix delamination of existing HMA. The HMA ran high due to corrections made while paving to improve ride quality. The corrections required additional HMA to meet the planned grades. Reasons 1-2 account for \$233,133.93, or 71% of the total project cost increases.
Metro	82024	M71403	3.42 mi of freeway light and ramp light installation on I-94 from Chene Street to Conner Street in the city of Detroit, Wayne County.	Rauhorn Electric, Inc.	\$844,888.43	\$1,134,079.15	\$289,190.72	34.23%	8/20/2014	9/30/2014	5/15/2015	4/15/2016	M	<u>Reason #1:</u> CM #5 is for an increase of \$29,298.20 for additional light poles, handholes, and electrical cable and conduit. This was necessary as the existing freeway conduit/cables that were anticipated to be used were missing or damaged beyond repair, and additional light poles were needed to provide lighting where gaps existed and to provide additional vertical clearances at ramp and bridge crossings. <u>Reason #2:</u> CM #7 is for an increase of \$78,399.00, for additional directional bore conduit, cable, and handholes. This work was necessary due to existing conduit that was to be re-used was damaged or missing, and new conduit and cable had to be installed. In several areas, the only feasible location to place this new conduit was near or under the existing shoulder, and the most cost effective manner was via directional bore (as opposed to removal and replacement of the freeway shoulder or open cutting on a steep slope). <u>Reason #3:</u> CM #12 is for an increase of \$97,195.07 and includes payment for negotiated resolutions for a variety of claims as well as an adjustment for temporary traffic control devices used during the extended contract time. The negotiated resolutions include payment for a number of traffic damaged light poles (subsequent to poles being installed and lighting was operational, freeway traffic hit and destroyed the poles and related electrical components and replacement of poles/cable/lighting was directed), payment for additional exploratory work to find and expose buried conduit/cable and either repair or replace these runs, and the adjustment of temporary traffic control for use during approved extension of time per the contract specifications. Reasons 1-3 account for \$204,892.27; 71% of the total project cost increases.

EXHIBIT B
Construction Contracts - MDOT Projects
Items to the Commission - July 21, 2016

Region	Control Section	Job Number	Project Description	Prime Contractor	Original Contract Amount	Final Contract Amount	Increase	Percent	Date Work Started	Expect Compl.	Actual Compl.	Final Date	Designed by MDOT (M) or Consultant (C)	Reason for Additional Project Costs
Metro	82194	110565	Completion of the partial structure including pavement removal, grading, curb and gutter, drainage structures, concrete repairs, permanent pavement markings, signing, and temporary traffic control on I-75 from Grand Boulevard to Howard Street in the city of Detroit, Wayne County.	Z Contractors, Inc.	\$2,186,710.20	\$3,082,496.15	\$895,785.95	40.97%	2/13/2012	11/15/2016	9/11/2015	4/20/2016	M	<p><u>Reason #1:</u> CM #14 includes increases of \$167,442.06 for the addition of permanent signs and pavement markings. Customs Border Patrol explained a situation to MDOT regarding how many commuters were getting lost and ending up on the Detroit International Bridge Company plaza when they were not intending to go to Canada. MDOT had to implement sign additions/changes to correct the issue.</p> <p><u>Reason #2:</u> CM #13 includes increases of \$114,202.00 for the additional landscape work. The landscaping at the gateway project has been determined by MDOT Lansing Coordination and Permits Section to be in conflict with the billboard laws in that trees are planted that will eventually grow and block existing billboards. To rectify the problem trees were removed and replaced by low growing vegetation that would meet the intent of the landscaping plans for the project.</p> <p><u>Reason #3:</u> CM #10 includes increases of \$124,617.59. MDOT directed the contractor to install permanent signage along the I-75 corridor as well as permanent signage along the surface streets adjacent to the Ambassador Bridge to direct trucks to Canada that require export clearance. MDOT also directed the contractor to install "RAMP MUST EXIT USA" with flashing beacons permanent signage along the northbound I-75 corridor. This work was required to ensure the safe and efficient flow of traffic at this International Bridge Crossing.</p> <p><u>Reason #4:</u> CM #7 includes an increase of \$383,279.67 for road repairs required on surface streets. Additional work was required to repair surface streets that were used for the detour of the truck road at the Ambassador Bridge. The detours were utilized for an extended amount of time due to delays in the truck road construction.</p> <p>Reasons 1-4 account for \$789,541.32, or 88% of the total project cost increases.</p>
Metro	82872	104135	Replacement of the Canadian National Railroad bridge over Junction Avenue, grading and placement of railroad ballast, retaining wall, hot mix asphalt approach and concrete curb, gutter and sidewalk in the city of Detroit, Wayne County.	Dan's Excavating, Inc.	\$3,860,609.60	\$4,413,632.64	\$553,023.04	14.32%	9/19/2014	5/29/2015	6/12/2015	4/6/2016	C	<p><u>Reason #1:</u> CM #6 includes increase to item Steel Sheet Piling, Permanent. The contractor installed the permanent sheet piling per the plans. The quantity had to be increased because more Steel Sheet Piling, Permanent was needed than what the plans showed.</p> <p><u>Reason #2:</u> CM #6 includes increase to item Non Haz Contam Mat'l Handling & Disp, LM. The contract was set up with an estimated quantity for Non-Hazardous contaminated material for a portion of the material to be removed as part of the grade work on this project. All of the materials removed during the grading operation ended up falling into the non-hazardous contaminated material category, and therefore had to be handled and disposed of accordingly. The amount set up in the contract was not sufficient enough to cover all of the contaminated material that was removed.</p> <p>Reasons 1-2 account for \$465,308.72; 84% of the total project cost increases.</p>

EXHIBIT B
Construction Contracts - Local Projects
Items to the Commission - July 21, 2016

Total Over the Original Cost (All Local) \$293,093.09	Total Over the Original Cost (Local/Local) \$125,492.61	Total Over the Original Cost (Local/Cons) \$167,600.48
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	Number of Projects Over 10% (4 Total)	Total Original Contract Amount \$1,676,325.93	Total Final Contract Amount \$1,969,419.02	Total Increase or Decrease \$293,093.09	Total Percent 17.48%	
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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
Southwest	39405	122894	0.96 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, shared-use path, retaining wall, sanitary, storm sewer, and pavement markings on Drake Road from Grand Prairie Road north to Ravine Road, Kalamazoo County.	Hoffman Bros., Inc.	\$193,236.60	\$249,392.27	\$56,155.67	29.06%	6/3/2014	4/15/2015	10/21/2014	3/16/2016	C	Reason #1: CM #2 includes an increase of \$25,025.00 for Tree, Rem, 6 inch to 18 inch that was required due to adjusting the non-motorized path alignment in the field to accommodate additional grading needed to construct a proper ditch between the non-motorized path and the roadway. The additional grading was unforeseen but required to build a proper cross section. Reason #2: CM #2 includes an increase of \$19,795.00 for _Geosynthetic Reinforced Segmental Retaining Wall that was required to address an oversight in design. A section of the non-motorized facilities required the construction of a retaining wall in order to construct a concrete walk. The survey information collected during design was not adequate and during construction, it was determined that the retaining wall would need to be constructed taller than the design had indicated to accommodate the concrete walk. Reasons 1-2 account for \$44,820.00, or 80% of the total project cost increases. The total cost increase will be paid by the Road Commission of Kalamazoo County.
Superior	42555	116618	3.72 mi of hot mix asphalt cold milling and resurfacing, crumb rubber warm and hot mix asphalt, shoulders, and pavement markings on Mohawk-Gay Road from US-41 southeasterly, Keweenaw County.	Payne & Dolan Inc.	\$355,363.34	\$391,672.84	\$36,309.50	10.22%	7/7/2015	7/31/2015	7/29/2015	3/21/2016	C	Reason #1: CM #2 includes an increase of \$18,534.18 to item HMA, LVSP for a drainage swale and rolled curb were required to address runoff and erosion control problems in the community of Fulton. An existing issue was made worse by raising the roadway with overlay and water had to be redirected to prevent it from going toward house basements, driveways, and garages. Reason #2: CM #2 includes an increase of \$11,269.20 for additional Shoulder CI II to address low shoulder areas. This was due to winter plowing, the shoulder gravel was lower during construction than it was during the design of the project. Reasons 1-2 account for \$29,803.38, or 82% of the total project cost increases.
Metro	63459	126956	0.44 mi of hot mix asphalt cold milling and resurfacing, drainage, pavement repairs, and concrete curb, gutter, sidewalk and ramps on South Washington Street from Lincoln Avenue north to Eleven Mile Road in the city of Royal Oak, Oakland County.	Ajax Paving Industries, Inc.	\$792,625.69	\$918,118.30	\$125,492.61	15.83%	6/1/2015	8/14/2015	8/14/2015	4/27/2016	L	Reason #1: CM #3 and CM #5 include increases for Pavt Joint and Crack Repr, Det 7; Pavt Joint and Crack Repr, Det 8; Pavt Repr, Rem and Hand Patching. Following the HMA surface removal, it was evident that the existing concrete base course was deteriorated beyond the expectation of the design engineer. Additional joint repair and pavement repair was necessary to provide a suitable base for the proposed HMA overlay. Reason 1 accounts for \$105,221.50, or 84% of the total project cost increases.
Bay	73404	126572	0.50 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb, gutter, sidewalk and ramps, machine grading, aggregate base, drainage, and pavement markings on Gabriel Road from Maple Street to east of Maple Street and on Maple Street from Gabriel Road to Bacon Drive in the city of Saginaw, Saginaw County.	Crawford Contracting, Inc.	\$335,100.30	\$410,235.61	\$75,135.31	22.42%	8/24/2015	6/5/2016	12/9/2015	4/12/2016	C	Reason #1: CM #3 includes increases to item Non Haz Contam Mat'l Handling & Disp, LM. The increases were required due to the discovery of non-hazardous (foundry sand) material. Foundry sand was found beneath the existing road section. This was not indicated on the existing as-built drawings for this roadway. Reason 1 accounts for 100% of the total project cost increases.

Performance Matrix: Comparison of Original Contract Costs and Final Contract Costs

Current Summary of MDOT Projects

Time Period	Original Contract Cost	Final Contract Cost	Percent Difference
Current Month, June 2016	\$31,251,230.37	\$32,172,413.28	2.95%
May 2016	\$65,726,173.25	\$61,121,260.51	-7.01%
2016 Fiscal Year	\$495,583,143.39	\$497,203,634.71	0.33%

Five Year Summary of MDOT Projects

Calendar Year	Original Contract Cost	Final Contract Cost	Percent Difference
2011	\$833,072,906.02	\$842,999,015.92	1.19%
2012	\$771,130,483.23	\$768,530,401.94	-0.34%
2013	\$1,127,211,347.22	\$1,139,133,968.99	1.06%
2014	\$645,898,553.12	\$649,413,716.71	0.54%
2015	\$709,329,893.84	\$712,559,685.99	0.46%
2016	\$351,202,511.51	\$353,712,528.69	0.71%

MDOT

CONSTRUCTION PROJECTS FINALED IN MAY 2016

					3						3						0																						
					MDOT Projects With an Original Contract Amount of					MDOT Projects Designed by MDOT With an Original Contract Amount of					MDOT Projects Designed by Consultants With an Original Contract Amount of																								
					\$65,726,173.25					\$46,575,180.16					\$19,150,993.09																								
					Total Over the Original Cost					Total Over the Original Cost					Total Over the Original Cost																								
					(4,604,912.74)					(3,468,154.53)					(1,136,758.21)																								
					Projects Finalized This Month (23 Total)					Total Original Contract Amount					Total Final Contract Amount					Total Increase or Decrease					Total Percent					# of Jobs Over 10%					# of Jobs Under				
										65,726,173.25					61,121,260.51					(4,604,912.74)					-7.01%					2					15				
Region	Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Expect Compl.	Actual Compl.	Δ Days **	Designed by MDOT or Cons.																									
Bay	5/10/2016	NH	25072	124011A	1,584,999.18	5,975.00	(1,579,024.18)	-99.62%		8/27/2014	11/7/2014	11/13/2014	6	M																									
Grand	5/24/2016	NH	41061	79447A	3,195,015.47	3,274,859.66	79,844.19	2.50%		9/26/2014	10/17/2014	10/17/2014	0	M																									
Metro	5/9/2016	BHT	63053	60263A	40,643.01	19,473.01	(21,170.00)	-52.09%		9/14/2015	10/30/2015	9/30/2015	-30	M																									
Metro	5/9/2016	BRN	63053	60256A	1,440,533.82	1,315,715.43	(124,818.39)	-8.66%		8/11/2014	10/3/2014	11/20/2014	48	M																									
Metro	5/9/2016	CBIP	63053	89092A	17,729,475	15,755,514	(1,973,961.00)	-11.13%		5/27/2015	12/1/2015	12/1/2015	0	M																									
Metro	5/31/2016	BHT	77032	114377A	2,706,863.32	3,101,604.24	394,740.92	14.58%	*	6/1/2015	12/4/2015	12/9/2015	5	M																									
Metro	5/24/2016	MER	82024	127257A	292,352.44	333,570.51	41,218.07	14.10%	*	7/27/2015		10/6/2015	0	M																									
Metro	5/27/2016	IM	82194	123927A	1,975,479.78	1,958,863.32	(16,616.46)	-0.84%		3/17/2014	10/31/2016	10/10/2015	-388	M																									
Metro	5/11/2016	STG	84917	109781A	1,491,142.87	1,483,681.34	(7,461.53)	-0.50%		3/17/2014	10/31/2016	10/10/2015	-388	M																									
Southwest	5/18/2016	BRT	3023	100217A	1,493,220.07	1,464,784.20	(28,435.87)	-1.90%		3/18/2013	11/7/2015	9/1/2015	-66	M																									
Southwest	5/18/2016	ST	3023	90028A	7,385,835.81	7,278,913.51	(106,922.30)	-1.45%		3/18/2013	11/7/2015	9/1/2015	-66	M																									
Southwest	5/18/2016	STG	3024	112213A	107,494.57	88,214.71	(19,279.86)	-17.94%		3/18/2013	11/7/2015	9/1/2015	-66	C																									
Southwest	5/18/2016	STE	3024	113363A	380,941.62	411,472.12	30,530.50	8.01%		9/17/2013	6/6/2014	10/13/2015	495	C																									
Southwest	5/26/2016	MER	3032	124647A	496,974.66	491,215.17	(5,759.49)	-1.16%		6/3/2015	12/1/2015	11/16/2015	-15	M																									
Southwest	5/18/2016	ST	3041	123196A	862,925.90	889,832.05	26,906.15	3.12%		5/4/2015	10/26/2015	11/9/2015	14	C																									
Southwest	5/18/2016	NH	3111	89306A	1,327,812.59	1,419,320.22	91,507.63	6.89%		4/23/2015	8/31/2015	10/6/2015	36	M																									
Southwest	5/31/2016	ST	13011	126061A	171,314.03	154,745.79	(16,568.24)	-9.67%		7/16/2015	11/15/2015	11/15/2015	0	M																									
Southwest	5/31/2016	ST	13061	124116A	489,630.30	501,312.02	11,681.72	2.39%		5/28/2015	8/31/2015	9/24/2015	24	M																									
Southwest	5/31/2016	CTF	39900	126718A	195,675.09	185,018.61	(10,656.48)	-5.45%		5/28/2015	8/31/2015	9/24/2015	24	M																									
Southwest	5/17/2016	NH	78015	46269A	17,799,631	16,624,716	(1,174,915.00)	-6.60%		3/16/2015	7/31/2015	7/10/2015	-21	C																									
Southwest	5/19/2016	ST	78042	123336A	1,879,323.84	1,804,033.18	(75,290.66)	-4.01%		6/18/2015	8/14/2015	10/22/2015	69	M																									
University	5/25/2016	NH	81032	124034A	2,328,888.88	2,208,426.42	(120,462.46)	-5.17%		10/9/2015	10/20/2015	10/30/2015	10	M																									
University	5/20/2016	ST	84916	124039A	350,000.00	350,000.00	0.00	0.00%		8/5/2015	10/16/2015	9/16/2015	-30	M																									
					Original					Final					Over/Under %																								
					All MDOT \$65,726,173.25					All MDOT Proj \$61,121,260.51					-7.01%																								
					MDOT/MDOT \$46,575,180.16					MDOT Des. \$43,107,025.63					-7.45%																								
					MDOT/Cons. \$19,150,993.09					Cons. Designed \$18,014,234.88					-5.94%																								

LOCAL

CONSTRUCTION PROJECTS FINALED IN MAY 2016

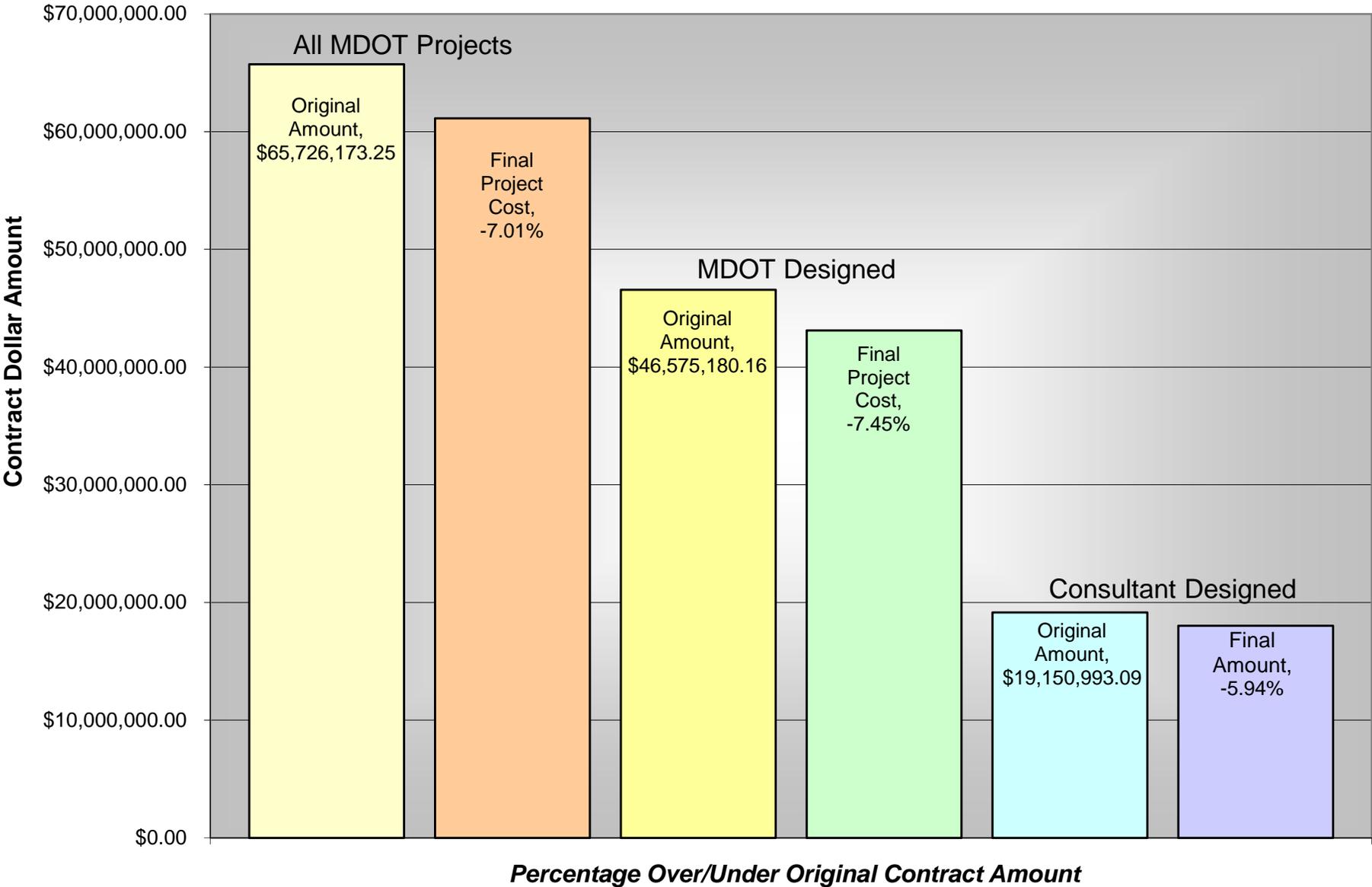
LOCAL PROJECTS FINALED THIS MONTH (49 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				31,384,007.15	31,415,576.68	31,569.53	0.10%	3	31	
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
5/19/2016	STUL	11400	112087A	667,155.57	600,236.03	(66,919.54)	-10.03%		9/8/2014	C
5/25/2016	STUL	11413	120953A	1,034,243.97	1,022,386.16	(11,857.81)	-1.15%		6/15/2015	C
5/26/2016	STG	13161	120334A	97,049.60	85,035.10	(12,014.50)	-12.38%		4/15/2014	C
5/26/2016	STE	13411	111572A	1,652,695.95	1,647,111.27	(5,584.68)	-0.34%		4/15/2014	C
5/20/2016	STL	14027	123749A	398,148.96	380,339.65	(17,809.31)	-4.47%		5/4/2015	L
5/24/2016	STU	14427	120687A	312,227.96	306,056.37	(6,171.59)	-1.98%		8/19/2015	L
5/20/2016	STUL	14442	126215A	116,641.76	120,698.01	4,056.25	3.48%		6/4/2015	L
5/23/2016	STL	16555	121765A	1,283,013.00	1,230,031.93	(52,981.07)	-4.13%		11/26/2014	C
5/18/2016	STUL	23439	126194A	641,805.32	611,132.63	(30,672.69)	-4.78%		7/20/2015	C
5/6/2016	CM	33400	116768A	1,787,644.88	2,130,584.45	342,939.57	19.18%	*	5/6/2014	C
5/11/2016	STU	33403	127074A	298,882.13	239,031.35	(59,850.78)	-20.02%		8/21/2015	L
5/26/2016	STUL	34470	117166A	1,234,562.65	1,235,729.19	1,166.54	0.09%		5/5/2014	C
5/11/2016	HSIP	34609	120517A	365,527.09	354,689.77	(10,837.32)	-2.96%		4/6/2015	L
5/3/2016	STUL	38409	110464A	836,014.55	800,908.45	(35,106.10)	-4.20%		6/10/2013	L
5/17/2016	STL	39111	120237A	784,733.00	733,901.86	(50,831.14)	-6.48%		4/27/2015	C
5/17/2016	STU	39405	110414A	1,013,362.11	1,060,571.67	47,209.56	4.66%		7/7/2014	C
5/17/2016	STU	39405	110412A	690,900.26	652,231.56	(38,668.70)	-5.60%		8/18/2014	C
5/6/2016	CM	39405	119153A	248,931.54	252,117.42	3,185.88	1.28%		9/17/2015	C
5/23/2016	STU	41400	115124A	467,172.55	479,540.30	12,367.75	2.65%		5/18/2015	L
5/3/2016	STL	44555	124073A	281,154.07	210,974.04	(70,180.03)	-24.96%		6/3/2015	C
5/3/2016	STL	44555	124072A	325,303.26	281,793.20	(43,510.06)	-13.38%		6/3/2015	C
5/3/2016	HSIP	44609	120532A	720,574.34	624,732.67	(95,841.67)	-13.30%		7/10/2015	C
5/2/2016	SRSI	48900	124947A	204,866.10	184,416.16	(20,449.94)	-9.98%		6/29/2015	L
5/24/2016	STH	50609	119611A	1,065,310.01	1,096,493.67	31,183.66	2.93%		2/17/2015	L
5/24/2016	STH	50609	119583A	656,434.26	643,250.82	(13,183.44)	-2.01%		2/17/2015	L
5/11/2016	STL	52103	116518A	452,675.34	466,007.81	13,332.47	2.95%		9/22/2014	C
5/11/2016	STL	52103	116522A	333,025.30	340,064.30	7,039.00	2.11%		6/30/2015	L
5/11/2016	EDF	52566	125513A	713,954.58	775,829.50	61,874.92	8.67%		8/3/2015	L
5/31/2016	STL	53105	119764A	39,338.79	38,762.47	(576.32)	-1.47%		8/4/2015	L

LOCAL

CONSTRUCTION PROJECTS FINALED IN MAY 2016

LOCAL PROJECTS FINALED THIS MONTH (49 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				31,384,007.15	31,415,576.68	31,569.53	0.10%	3	31	
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
5/31/2016	EDDF	53555	119751A	312,352.25	391,665.67	79,313.42	25.39%	*	6/22/2015	L
5/11/2016	BRO	55002	118667A	565,812.70	576,698.33	10,885.63	1.92%		4/23/2015	C
5/26/2016	BHO	59007	118533A	61,151.13	66,261.72	5,110.59	8.36%		7/15/2015	C
5/26/2016	BHO	59018	118532A	82,607.43	78,310.02	(4,297.41)	-5.20%		7/15/2015	C
5/11/2016	HSIP	59609	120572A	341,954.93	338,128.79	(3,826.14)	-1.12%		7/11/2015	C
5/11/2016	STU	63459	118876A	1,412,460.32	1,341,531.18	(70,929.14)	-5.02%		7/30/2013	C
5/23/2016	STUL	69437	126223A	811,057.34	800,268.28	(10,789.06)	-1.33%		6/22/2015	C
5/19/2016	TAU	70039	123715A	157,820.00	155,987.79	(1,832.21)	-1.16%		4/27/2015	C
5/11/2016	TAUL	70049	118497A	1,496,042.12	1,528,107.98	32,065.86	2.14%		7/22/2014	C
5/24/2016	STUL	70139	123977A	1,265,675.24	1,211,497.83	(54,177.41)	-4.28%		7/13/2015	L
5/6/2016	MCS	77015	115629A	491,409.20	488,793.12	(2,616.08)	-0.53%		8/26/2014	L
5/3/2016	HSIP	79609	123794A	103,805.04	114,674.51	10,869.47	10.47%	*	10/5/2015	C
5/20/2016	BHT	80017	115782A	2,373,593.55	2,603,728.77	230,135.22	9.70%		8/29/2014	C
5/19/2016	EDDF	80555	103394A	573,380.42	621,396.25	48,015.83	8.37%		8/29/2014	C
5/6/2016	MCS	81001	118691A	462,027.05	501,075.08	39,048.03	8.45%		4/13/2015	C
5/6/2016	MCS	81004	118689A	387,538.95	366,807.15	(20,731.80)	-5.35%		4/13/2015	C
5/6/2016	MCS	81014	118688A	438,432.05	398,179.10	(40,252.95)	-9.18%		4/13/2015	C
5/3/2016	TAU	82400	116327A	1,032,107.82	972,204.26	(59,903.56)	-5.80%		9/30/2013	C
5/2/2016	STU	82457	123363A	247,630.44	229,243.96	(18,386.48)	-7.42%		3/16/2015	C
5/3/2016	EDA	82522	117396A	43,800.27	26,359.08	(17,441.19)	-39.82%		9/30/2013	C

MDOT Construction Projects Finaled May 2016



MDOT

CONSTRUCTION PROJECTS FINALED IN JUNE 2016

					3					0					
					MDOT Projects With an Original Contract Amount of					MDOT Projects Designed by MDOT With an Original Contract Amount of					MDOT Projects Designed by Consultants With an Original Contract Amount of
					\$31,251,230.37					\$31,251,230.37					\$0.00
					Total Over the Original Cost					Total Over the Original Cost					Total Over the Original Cost
					921,182.91					921,182.91					0.00
					Projects Finalized This Month (13 Total)	Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent			# of Jobs Over 10%	# of Jobs Under		
					31,251,230.37	32,172,413.28	921,182.91	2.95%			2	3			
Region	Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Expect Compl.	Actual Compl.	Δ Days **	Designed by MDOT or Cons.	
Metro	6/21/2016	NH	50012	47040A	14,890,170	15,014,631	124,461.00	0.84%		3/11/2013	9/19/2015	9/3/2015	-16	M	
Metro	6/21/2016	NH	50012	47040B1	23,991.00	23,991.00	0.00	0.00%		11/19/2013	12/15/2013	6/10/2014	177	M	
Metro	6/15/2016	PNRS	77111	86951B01	256,315.60	269,924.69	13,609.09	5.31%		7/6/2010	9/1/2010	9/14/2010	13	M	
Metro	6/7/2016	M	84917	M71404	499,714.00	703,785.00	204,071.00	40.84%	*	8/15/2014	12/31/2014	10/9/2015	282	M	
North	6/13/2016	ST	84912	107598A	1,433,996.99	1,373,817.51	(60,179.48)	-4.20%		4/22/2014	1/31/2015	6/9/2015	129	M	
North	6/14/2016	TAL	84912	122187A	1,396,223.56	1,453,229.91	57,006.35	4.08%		4/22/2015	8/27/2015	12/3/2015	98	M	
Southwest	6/1/2016	IM	11016	118685A	4,209,595.88	4,341,089.46	131,493.58	3.12%		9/13/2014	6/27/2015	6/19/2015	-8	M	
Southwest	6/15/2016	ST	13021	120813A	1,069,968.81	1,075,779.32	5,810.51	0.54%		7/14/2015	8/21/2015	9/10/2015	20	M	
Southwest	6/1/2016	ST	13061	120179A	2,051,797.99	2,217,831.86	166,033.87	8.09%		5/4/2015	9/4/2015	10/25/2015	51	M	
Southwest	6/8/2016	IM	13074	118499A	953,953.84	1,073,505.99	119,552.15	12.53%	*	4/20/2015	8/21/2015	11/20/2015	91	M	
Southwest	6/21/2016	NRT	80012	124793A	442,682.42	394,290.87	(48,391.55)	-10.93%		9/22/2015	10/30/2015	10/21/2015	-9	M	
University	6/8/2016	NH	58151	106649A	2,425,839.29	2,644,404.28	218,564.99	9.01%		7/11/2012	4/8/2013	9/19/2015	895	M	
University	6/14/2016	ST	84900	106928A	1,596,980.99	1,586,132.39	(10,848.60)	-0.68%		4/9/2014	10/20/2014	12/15/2015	423	M	
					Original			Final			Over/Under %				
					All MDOT	\$31,251,230.37	All MDOT Proj	\$32,172,413.28	2.95%						
					MDOT/MDOT	\$31,251,230.37	MDOT Des.	\$32,172,413.28	2.95%						
					MDOT/Cons.	\$0.00	Cons. Designed	\$0.00	0.00%						

6

LOCAL

CONSTRUCTION PROJECTS FINALED IN JUNE 2016

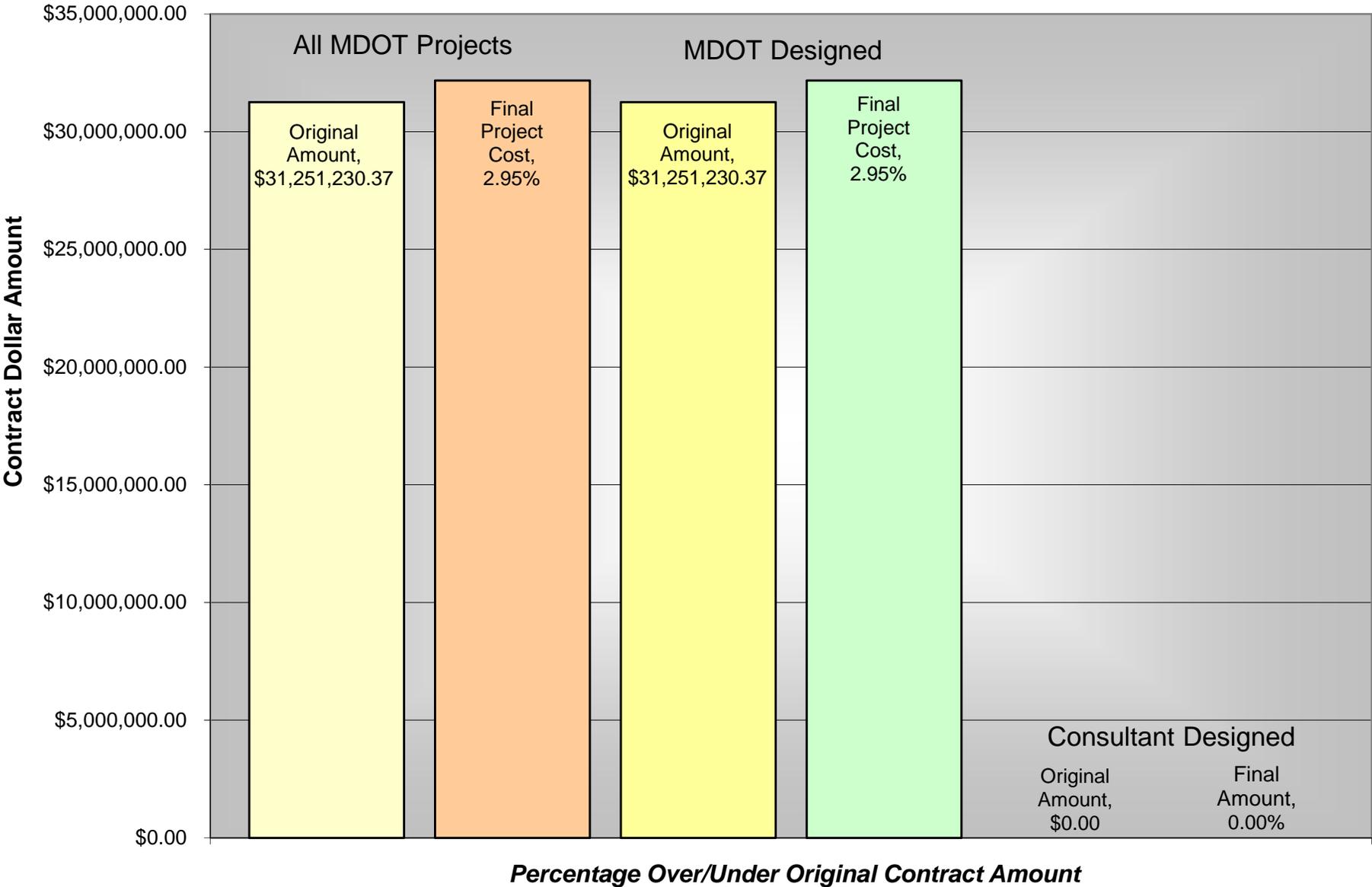
LOCAL PROJECTS FINALED THIS MONTH (51 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				34,435,393.63	33,516,483.13	(918,910.50)	-2.67%	1	35	
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
6/27/2016	CM	3072	118085A	487,918.80	468,266.28	(19,652.52)	-4.03%		9/29/2014	L
6/8/2016	BRO	7002	112388A	576,489.20	592,030.96	15,541.76	2.70%		8/12/2014	C
6/8/2016	BRO	7002	112387A	653,646.18	646,027.54	(7,618.64)	-1.17%		8/12/2014	C
6/29/2016	HSIP	9609	120123A	539,911.23	571,508.74	31,597.51	5.85%		9/28/2015	C
6/1/2016	STL	10555	119201A	232,609.17	253,451.09	20,841.92	8.96%		7/20/2015	L
6/15/2016	MCS	11018	118615A	411,375.78	419,626.86	8,251.08	2.01%		9/8/2015	C
6/27/2016	STUL	13038	122808A	143,621.10	107,396.31	(36,224.79)	-25.22%		6/22/2015	L
6/27/2016	STUL	13038	122842A	557,247.60	446,746.32	(110,501.28)	-19.83%		6/22/2015	L
6/20/2016	BHO	14011	112354A	224,359.36	241,227.44	16,868.08	7.52%		9/8/2014	C
6/8/2016	STL	14555	120099A	139,492.59	147,658.73	8,166.14	5.85%		6/1/2015	L
6/14/2016	STL	16555	112775A	485,983.80	433,138.84	(52,844.96)	-10.87%		4/13/2015	C
6/7/2016	MCS	23001	109309A	174,576.65	151,253.27	(23,323.38)	-13.36%		9/23/2013	C
6/7/2016	MCS	23001	109307A	238,633.82	221,045.51	(17,588.31)	-7.37%		9/23/2013	C
6/27/2016	STU	25049	121481A	1,587,779.78	1,544,835.40	(42,944.38)	-2.70%		8/3/2015	C
6/15/2016	CMG	25400	120047A	791,252.81	778,975.72	(12,277.09)	-1.55%		7/30/2015	L
6/21/2016	STUL	34067	124536A	706,240.03	730,456.42	24,216.39	3.43%		3/2/2015	C
6/20/2016	TAL	35069	122722A	896,172.55	912,287.32	16,114.77	1.80%		5/11/2015	C
6/21/2016	EDDF	37555	89713A	631,151.43	773,440.22	142,288.79	22.54%	*	4/9/2012	C
6/8/2016	STU	39405	103433A	1,133,605.55	1,102,476.26	(31,129.29)	-2.75%		6/17/2014	L
6/1/2016	TA	41401	122951A	763,909.55	743,289.19	(20,620.36)	-2.70%		7/20/2015	C
6/20/2016	HSIP	44609	120534A	307,392.18	261,696.71	(45,695.47)	-14.87%		4/23/2015	C
6/20/2016	STH	44609	119584A	632,207.00	602,215.68	(29,991.32)	-4.74%		8/11/2015	L
6/20/2016	STL	48555	113011A	416,951.50	378,327.52	(38,623.98)	-9.26%		8/11/2015	C
6/1/2016	STU	50458	118204A	3,019,232.57	3,243,714.23	224,481.66	7.44%		7/15/2013	C
6/15/2016	STU	50458	126213A	899,771.36	801,498.98	(98,272.38)	-10.92%		4/8/2015	C
6/13/2016	STU	50458	126955A	1,108,083.93	1,074,441.34	(33,642.59)	-3.04%		7/9/2015	C
6/15/2016	STH	50609	119582A	364,781.57	383,468.57	18,687.00	5.12%		4/8/2015	C
6/8/2016	BRO	52012	118665A	758,805.96	741,043.98	(17,761.98)	-2.34%		6/11/2015	C
6/8/2016	STUL	55428	117193A	875,750.78	832,124.18	(43,626.60)	-4.98%		7/8/2015	C
6/28/2016	BRO	58001	118686A	1,017,101.51	1,011,469.45	(5,632.06)	-0.55%		8/4/2015	C

LOCAL

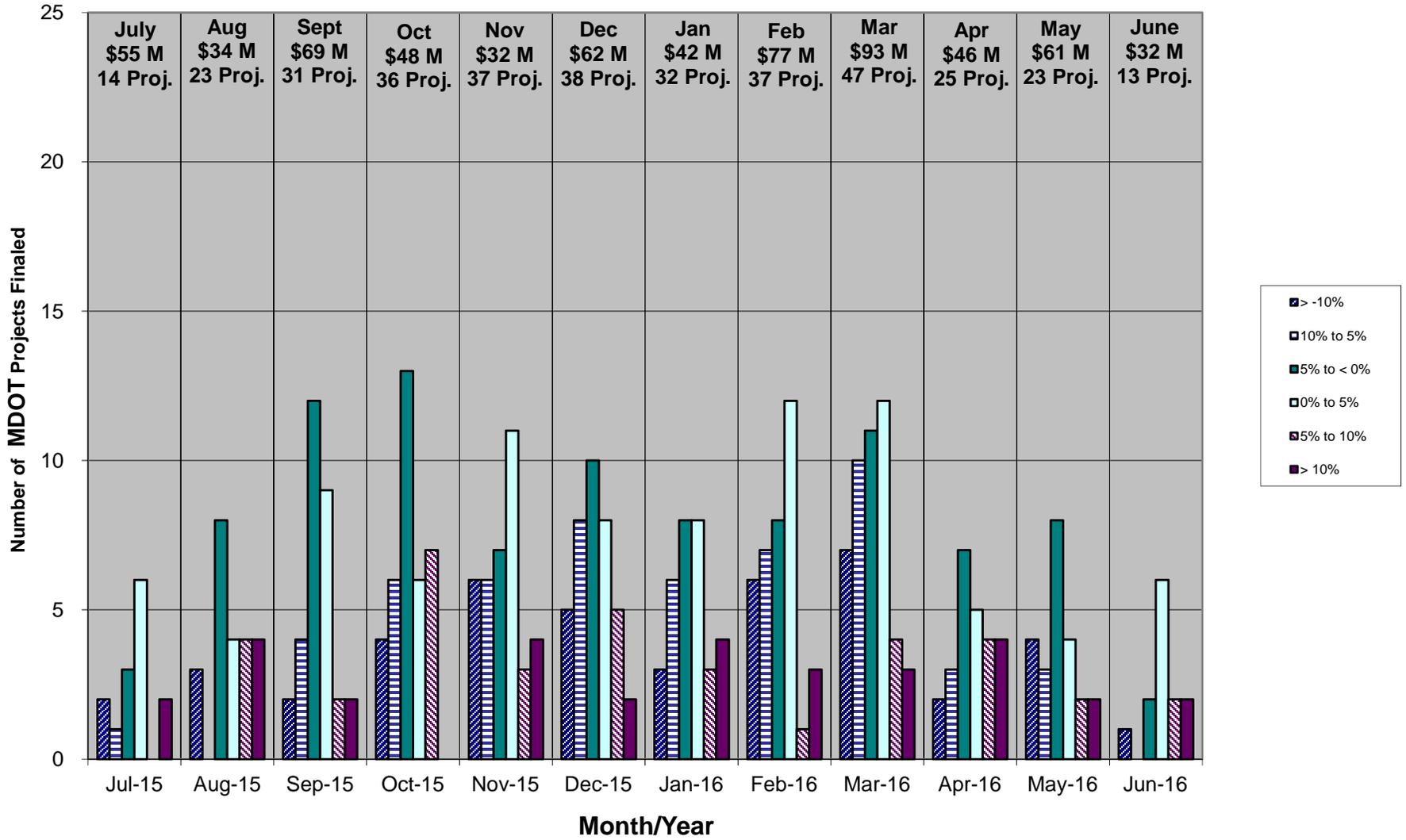
CONSTRUCTION PROJECTS FINALED IN JUNE 2016

LOCAL PROJECTS FINALED THIS MONTH (51 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				34,435,393.63	33,516,483.13	(918,910.50)	-2.67%	1	35	
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
6/28/2016	CM	58400	124704A	814,860.85	869,142.83	54,281.98	6.66%		6/11/2015	C
6/27/2016	STU	58471	126768A	216,479.25	210,951.20	(5,528.05)	-2.55%		9/14/2015	L
6/27/2016	STU	58471	124953A	91,348.29	79,938.88	(11,409.41)	-12.49%		9/14/2015	L
6/27/2016	HSIP	58609	120535A	88,572.16	66,979.44	(21,592.72)	-24.38%		10/26/2015	C
6/15/2016	STL	59555	124485A	467,122.05	470,144.33	3,022.28	0.65%		6/22/2015	C
6/20/2016	STL	59555	123365A	314,955.00	279,199.18	(35,755.82)	-11.35%		6/1/2015	C
6/27/2016	STU	63459	125085A	393,028.45	383,694.69	(9,333.76)	-2.37%		9/1/2015	C
6/8/2016	STU	63459	126209A	785,863.50	561,538.77	(224,324.73)	-28.54%		5/4/2015	C
6/7/2016	STU	63459	110798A	2,065,785.00	1,965,581.16	(100,203.84)	-4.85%		7/23/2014	L
6/22/2016	STL	68555	119524A	532,541.58	510,895.31	(21,646.27)	-4.06%		4/13/2015	C
6/15/2016	CM	70400	120906A	680,218.69	651,019.14	(29,199.55)	-4.29%		6/8/2015	C
6/22/2016	STUL	77475	126767A	341,012.11	291,809.56	(49,202.55)	-14.43%		6/23/2015	L
6/8/2016	EDD	77555	126839A	649,529.52	627,281.12	(22,248.40)	-3.43%		8/24/2015	L
6/27/2016	STL	77555	127141A	1,258,162.92	1,141,743.14	(116,419.78)	-9.25%		7/23/2015	L
6/27/2016	STL	77555	126901A	1,028,333.91	913,438.53	(114,895.38)	-11.17%		7/23/2015	L
6/29/2016	BRO	78002	118625A	853,756.22	836,346.93	(17,409.29)	-2.04%		7/7/2015	C
6/29/2016	BRT	78010	118626A	958,718.53	941,216.31	(17,502.22)	-1.83%		7/7/2015	C
6/14/2016	STUL	80159	110729A	365,393.54	376,264.46	10,870.92	2.98%		4/30/2015	C
6/14/2016	CM	80400	121134A	233,758.11	236,945.07	3,186.96	1.36%		4/30/2015	C
6/28/2016	STUL	81406	126268A	717,778.00	663,055.45	(54,722.55)	-7.62%		7/9/2015	C
6/24/2016	STU	81475	126926A	802,120.61	824,158.57	22,037.96	2.75%		8/3/2015	C

MDOT Construction Projects Finaled June 2016



MDOT Number of Projects Completed under/over Budget (Final Contract Amount - Original Contract Amount = Over/Under Value)



DIRECTOR - DEPARTMENT OF TRANSPORTATION

AGENDA

July 14, 2016

CONTRACTS

1. ***HIGHWAYS – Federal Lands Access Program**
Memorandum of Agreement (MOA) (2016-0346) between MDOT, the Federal Highway Administration, and the Saginaw County Road Commission will establish the roles and responsibilities of the parties related to the development, construction, and maintenance of the reconstruction of Hart Road. The MOA will take effect upon award; it will remain in effect unless it is terminated by the parties. This is a zero dollar MOA.

2. ***HIGHWAYS – Federal Lands Access Program**
Memorandum of Agreement (MOA) (2016-0348) between MDOT, the Federal Highway Administration, and the City of Trenton will establish the roles and responsibilities of the parties related to the development, construction, and maintenance of the West Jefferson Greenways Trail in Wayne County. The MOA will take effect upon award; it will remain in effect unless it is terminated by the parties. This is a zero dollar MOA.

3. ***HIGHWAYS – Federal Lands Access Program**
Memorandum of Agreement (MOA) (2016-0352) between MDOT, the Federal Highway Administration, and the Delta County Road Commission will establish the roles and responsibilities of the parties related to the development, construction, and maintenance of the reconstruction of Federal Forest Highway 13. The MOA will take effect upon award; it will remain in effect unless it is terminated by the parties. This is a zero dollar MOA.

4. **PASSENGER TRANSPORTATION - Marine Capital**
Project Authorization (26) under Master Agreement (2012-0077) between MDOT and the Eastern Upper Peninsula Transit Authority (EUPTA), in Chippewa County, will provide federal funds and state matching funds under the FY 2016 Federal Ferryboat Formula Program for improvements to the St. Mary's River Ferry System, which provides marine passenger service between Sault Ste. Marie and Sugar Island, between Barbeau and Neebish Island, and between DeTour and Drummond Island. Project items will include an environmental review and needs assessment required for EUPTA to make improvements to the existing transportation facility. The authorization will be in effect from the date of award through three years. The authorization amount will be \$20,000. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: FY 2013 and FY 2014 Federal Ferryboat Formula Program Funds - \$16,000; FY 2016 State Restricted Comprehensive Transportation Funds - \$4,000.

5. PASSENGER TRANSPORTATION - Section 5311 Capital Program
Project Authorization (4) Revision (1) under Master Agreement (2012-0107) between MDOT and the Iosco County Board of Commissioners will add a line item for a generator, will adjust the funding between line items, and will extend the authorization term by one year. The repeater system did not cost as much as expected and was purchased under another authorization, so the County would like to use the remaining funds for the purchase of a needed generator. The original authorization provides state matching funds for the County's FY 2013 Federal Section 5311 Formula Grants for Rural Areas Program and Surface Transportation Program grant for a repeater system. The revised authorization term will be September 23, 2013, through September 22, 2017. The authorization amount remains unchanged at \$12,500. 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 - \$10,000; FY 2013 State Restricted Comprehensive Transportation Funds - \$2,500.
6. *RAIL – Interlocking Agreement Modification Agreement
Agreement (2016-0402) between MDOT and CSX Transportation, Inc., will modify an Interlocking Agreement dated November 13, 1985, between Consolidated Rail Corporation and Chesapeake and Ohio Railway Company covering the interlocking plant at Wayne, Michigan. The Interlocking Agreement was assigned to MDOT by Consolidated Rail Corporation and was assigned to CSX Transportation, Inc., by Chesapeake and Ohio Railway Company. This modification will allow the full installation and maintenance of the Incremental Train Control System network. This is a zero dollar agreement.

Subject to the exercise of discretion in processing, I approve the above described contracts and authorize their award by the responsible management staff of MDOT in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 6, 2016.

Respectfully submitted,

Original signed 7.14.16

Kirk T. Steudle
Director

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE
STATE ADMINISTRATIVE BOARD

T&NR Meeting: June 28, 2016– Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM

State Administrative Board Meeting: July 12, 2016 – Forum,
1st Floor, Michigan Library and Historical Center, 11:00 AM

This agenda is for general informational purposes only. At its discretion, the Transportation and Natural Resources Committee may revise this agenda and may take up other issues at the meeting.

CONTRACTS

1. **HIGHWAYS – Design Services**
Contract (2016-0350) between MDOT and Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C., will provide for design services to be performed for the milling and bituminous resurfacing of M-85 (Fort Street) from Rosa Parks Boulevard to Griswold Street in the city of Detroit, Wayne County (CS 82071 – JN 120048C). The work items will include preparation of required plans, computation of plan quantities, preparation of staging plans and special provisions for maintaining traffic during construction, and utility coordination. The contract will be in effect from the date of award through December 31, 2019. The contract amount will be \$571,631.70. Source of Funds: 81.85% Federal Highway Administration Funds and 18.15% State Restricted Trunkline Funds.

2.- 17. HIGHWAYS - IDS Engineering Services

The following contracts between MDOT and the following consultants will provide for services for which the consultants are prequalified to be performed on an as needed/when needed basis. The contracts will be in effect from the dates of award through three years. The maximum contract amounts will be \$4,000,000, and the maximum amounts of any authorizations will be \$1,000,000. Authorizations over \$500,000 will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.

	<u>Contract</u>	<u>Company</u>
2.	2016-0356	Advanced Geomatics, A Division of Charlevoix Abstract & Engineering Company
3.	2016-0357	AMEC Engineering and Consulting of Michigan, Inc.
4.	2016-0358	Atkins Michigan, Inc.
5.	2016-0359	CDM Smith Michigan, Inc.
6.	2016-0360	Delcan Corporation
7.	2016-0361	Dixon Engineering, Inc.
8.	2016-0362	Gannett Fleming of Michigan, Inc.
9.	2016-0363	Hardesty & Hanover, LLC
10.	2016-0364	HNTB Michigan, Inc.
11.	2016-0365	Muxlow Surveying Services, LLC, dba Muxlow Surveying & Engineering
12.	2016-0366	Opus International Consultants, Inc.
13.	2016-0367	PM Environmental, Inc.
14.	2016-0368	Spicer Group, Inc.
15.	2016-0369	Surveying Solutions, Inc.
16.	2016-0370	Tyme Consulting Engineers, Inc.
17.	2016-0371	Williams & Works, Inc.

18. RAIL – TIGER Grant Support Services

Project Authorization (4) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the authorization amount by \$2,488,351.16 to provide services for the remainder of the 2016 construction season. The original authorization provides for Transportation Investment Generating Economic Recovery (TIGER) grant support services to be performed for the rail line purchased by MDOT from Norfolk Southern Railway Company between Kalamazoo and Dearborn on the Chicago-Detroit/Pontiac High Speed Rail Corridor. The work items include permits to enter, engineering reviews, general project support, roadway worker protection, signal support, and final review of construction. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The authorization term remains unchanged, March 1, 2016, through December 31, 2016. The revised authorization amount will be \$5,988,351.16. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: FY 2016 State Restricted Comprehensive Transportation Funds - \$5,988,351.16.

19. *RAIL - Increase Amount

Amendatory Contract (2012-0293/A3) between MDOT and Parsons Brinckerhoff Michigan, Inc., will increase the maximum contract amount and the maximum amount of any work order by \$820,892.09 to provide for the performance of additional construction engineering and inspection services for a double track project. The original contract provides for as-needed construction engineering and inspection services to be performed to support MDOT projects on the Chicago-Detroit/Pontiac High Speed Rail Corridor. The services may include tasks related to the oversight of rail construction work performed by contractors or railroad companies to support the improvement and implementation of accelerated rail services in Michigan and other construction engineering and inspection services as they may arise. The contract term remains unchanged, May 18, 2012, through December 31, 2016. The revised maximum contract amount will be \$3,636,965.30, and the revised maximum amount of any work order will be \$3,636,965.30. Source of Funds: 100% State Restricted Comprehensive Transportation Funds.

SUB CONTRACTS

20. 2014-0405/S2 Low Bid: \$358,174
Ace-Saginaw Paving
2981 Carrollton Road
Saginaw, Michigan 48604

Description of Work: Cold Milling and HMA Overlay

Approval is requested to authorize the City of Saginaw to award a subcontract for cold milling and hot mix asphalt (HMA) overlay on M-13 from Ezra Rust Drive northerly to Janes Avenue in Saginaw County. The project was advertised, and two bids were received. The lowest bid was accepted. The City has found the costs to be reasonable and competitive with costs in surrounding counties. The subcontract will be in effect from the date of award through December 31, 2016. Source of Funds: 100% State Restricted Trunkline Funds.

21. 2012-0522/S1
Elmers Crane & Dozer
3600 Rennie School Road
Traverse City, Michigan 49686

Low Bid: \$334,278

Description of Work: Cold Milling and Shoulder Paving

Approval is requested to authorize the Lake County Road Commission to award a subcontract for cold milling and shoulder paving on north M-37 from the north junction to 12 Mile Road in Lake County. The project was advertised, and two bids were received. The lowest bid was accepted. The County has found the costs to be reasonable and competitive with costs in surrounding counties. The subcontract will be in effect from the date of award through December 31, 2016. Source of Funds: 100% State Restricted Trunkline Funds.

BID LETTING PRE-APPROVALS

STATE PROJECTS

22. Letting of July 8, 2016 Prequalification Level:
Letting Call: 1607 048 **\$522,000.00**
Project: M 86000-M00234
Local Agreement:
Start Date: 10 days after award
Completion Date: December 2, 2016

Construction of a heated garage on the grounds of the Mackinac Bridge Authority west of the Mackinac Bridge toll plaza, Mackinac County.

0.00 % DBE participation required

23. Letting of July 8, 2016 Prequalification Level:
Letting Call: 1607 051 **\$911,000.00**
Project: M 49111-124091
Local Agreement: 16-5358
Start Date: September 12, 2016
Completion Date: November 15, 2016

1.44 mi of hot mix asphalt cold milling and resurfacing with ADA sidewalk ramp upgrades on M-185 from the west end of the boardwalk (west city limit) easterly to the east city limits near the water treatment plant in the city of Mackinac Island, Mackinac County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

24. Letting of July 8, 2016 Prequalification Level:
Letting Call: 1607 052 **\$741,000.00**
Project: M 81073-M61601
Local Agreement:
Start Date: 10 days after award
Completion Date: November 15, 2016

1.24 mi of single course hot mix asphalt cold milling and resurfacing and ADA sidewalk ramp upgrades on US-23BR from I-94BL to M-14 in the city of Ann Arbor, Washtenaw County.

0.00 % DBE participation required

25. Letting of July 22, 2016 Prequalification Level:
Letting Call: 1607 901 **\$831,000.00**
Project: M 65052-131197
Local Agreement:
Start Date: September 6, 2016
Completion Date: October 21, 2016

3.47 mi of hot mix asphalt cold milling and resurfacing on M-33 from south of M-55 to north of Engle Road and on M-55 west of M-33, Ogemaw County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

26. Letting of July 22, 2016 Prequalification Level:
Letting Call: 1607 903 **\$3,906,000.00**
Project: M 68041-129968
Local Agreement:
Start Date: 10 days after award
Completion Date: November 10, 2016

19.64 mi of hot mix asphalt cold milling, resurfacing and pavement markings on M-72 from east of M-18 to west of 14th Street and on M-18 from northeast of Lancewood Drive to west of Flooter Road, Roscommon County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

27. Letting of July 22, 2016 Prequalification Level:
Letting Call: 1607 904 **\$2,625,000.00**
Project: M 04032-130979
Local Agreement:
Start Date: 10 days after award
Completion Date: November 10, 2016

7.82 mi of hot mix asphalt cold milling and resurfacing with joint repair on US-23 from north of Hamilton Road to the north Alpena County line, Alpena County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

28. Letting of July 22, 2016 Prequalification Level:
 Letting Call: 1607 905 **\$1,031,000.00**
 Project: NH 43022-131121
 Local Agreement:
 Start Date: August 15, 2016
 Completion Date: September 29, 2016

2.00 mi of hot mix asphalt cold milling and resurfacing, shoulder repairs and fiber reinforced bituminous membrane on US-10 from west of Saddler Road to west of Deer Lake Road, Lake County. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

BID LETTING POST APPROVALS

STATE PROJECTS

29. Letting of June 3, 2016 Low Bid: **\$2,690,753.92**
 Letting Call: 1606 012 Engineer Estimate: \$2,314,267.34
 Project: IM 82123-119189 Pct Over/Under Estimate: 16.27 %
 Local Agreement: 16-5264
 Start Date: 10 days after award
 Completion Date: September 30, 2018

Partial structure removal, deck and span replacement with fencing, steel repair, cleaning and coating girders, pin and hanger replacements, approach reconstruction, sewer, drainage, concrete curb, and watermain on I-96 under Cherry Lawn Pedestrian Bridge in the city of Detroit, Wayne County. This project includes a 2 year warranty on concrete surface coating and a 2 year bridge painting warranty.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
E. C. Korneffel Co.	\$2,690,753.92	Same	1 **
Dan's Excavating, Inc.	\$2,986,492.00	Same	2
C. A. Hull Co., Inc.	\$3,211,722.21	Same	3
Z Contractors, Inc.	\$3,317,484.72	Same	4

Total Number of Bidders: 4

* Denotes a non-standard contract/amendment

30. Letting of June 3, 2016
 Letting Call: 1606 068 Low Bid: **\$948,651.00**
 Project: M 63900-M71647 Engineer Estimate: \$634,900.45
 Local Agreement: Pct Over/Under Estimate: 49.42 %
 Start Date: 10 days after award
 Completion Date: September 30, 2017

Guardrail maintenance as needed on various routes, Oakland County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
RMD Holdings, Ltd.	\$ 948,651.00	Same	1 **
Action Traffic Maintenance, Inc.	\$1,326,724.61	Same	2

Total Number of Bidders: 2

31. Letting of June 3, 2016
 Letting Call: 1606 076 Low Bid: **\$568,509.23**
 Project: M 82194-M71682 Engineer Estimate: \$460,993.01
 Local Agreement: Pct Over/Under Estimate: 23.32 %
 Start Date: 10 days after award
 Completion Date: August 29, 2016

1.58 mi of concrete deck patching on I-75 over River Rouge in the city of Detroit, Wayne County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Florence Cement Company	\$568,509.23	Same	1 **
C. A. Hull Co., Inc.	\$1,050,681.99	Same	2
Anlaan Corporation	\$1,949,620.40	Same	3

Total Number of Bidders: 3

LOCAL PROJECTS

32. Letting of June 3, 2016
 Letting Call: 1606 031 Low Bid: **\$2,891,597.95**
 Project: STL 58555-126964 Engineer Estimate: \$2,416,242.10
 Local Agreement: 16-5237 Pct Over/Under Estimate: 19.67 %
 Start Date: 10 days after award
 Completion Date: October 28, 2016

4.73 mi of hot mix asphalt cold milling, widening and resurfacing and pavement markings on Ida West Road from Road Commission Drive to Lewis Avenue, Monroe County.

3.00 % DBE participation required

* Denotes a non-standard contract/amendment

In accordance with MDOT's policies and procedures and subject to concurrence by the Federal Highway Administration, the preparation and award of the appropriate documents approved by the Attorney General, and compliance with all legal and fiscal requirements, the Director recommends for approval by the State Administrative Board the items on this agenda.

The approval by the State Administrative Board of these contracts does not constitute the award of same. The award of contracts shall be made at the discretion of the Director-Department of Transportation when the aforementioned requirements have been met. Subject to exercise of that discretion, I approve the contracts described in this agenda and authorize their award by the responsible management staff of MDOT to the extent authorized by, and in accordance with, the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 6, 2016.

Respectfully submitted,

Authorized Signature on File 6.24.16

Kirk T. Steudle
Director

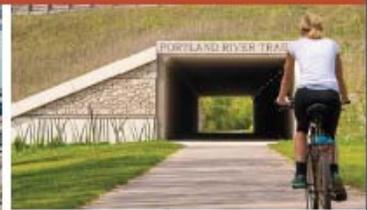
State Long-Range Transportation Plan

Document posted at: www.michigan.gov/slrp

MI Transportation Plan

Moving
Michigan
Forward

2040
State Long-Range
Transportation Plan



Executive Summary – Final Draft

To be adopted by the State Transportation Commission – July 21, 2016

FIVE-YEAR TRANSPORTATION PROGRAM

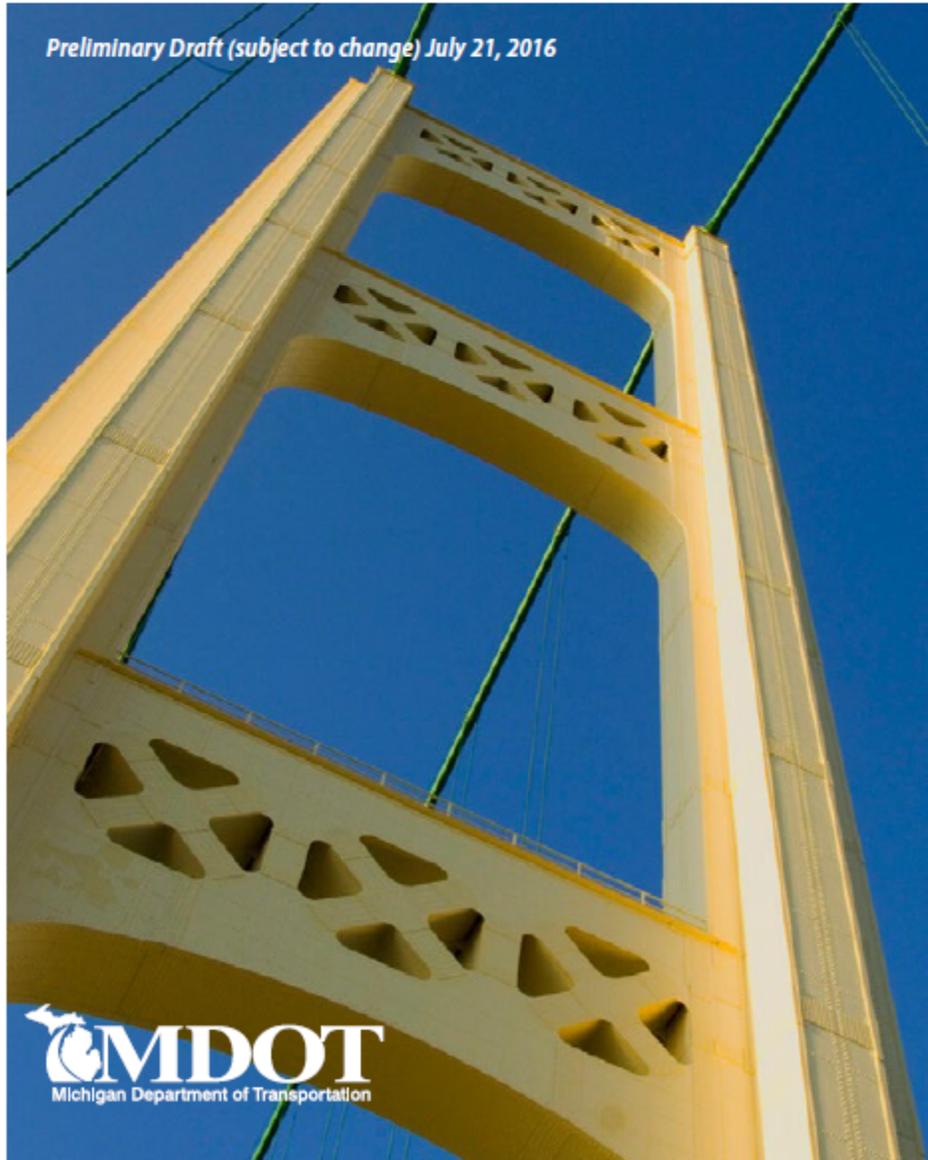
Full document to be posted for comment at: www.michigan.gov/mdot5yearplan

MICHIGAN DEPARTMENT OF TRANSPORTATION



2017-2021 FIVE-YEAR TRANSPORTATION PROGRAM

Preliminary Draft (subject to change) July 21, 2016



MDOT
Michigan Department of Transportation