

MICHIGAN STATE TRANSPORTATION COMMISSION
PUBLIC MEETING
AGENDA

DATE: Thursday, September 22, 2016

TIME: 9:00 a.m.

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

I. WELCOME

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

II. COMMISSION BUSINESS

- Minutes of July 21, 2016, Commission Meeting (**motion required**)
- Proposed 2017 Public Meeting Schedule – 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-1: Bid Letting Pre-Approvals – Myron Frierson (**motion required**)
- Exhibit A-2: Letting Exceptions – Kristin Schuster (**motion required**)
- Exhibit A-2 Supplemental: Letting Exceptions – Kristin Schuster (**motion required**) ^{added 9/20}
- Exhibit A-4: Bid Letting Approvals (after letting) – Myron Frierson (**motion required**) ^{added 9/20}
- Exhibit B: Construction Contracts – Jason Gutting (no motion required)
- Exhibit C: Six-month Financial Audit Follow-up Report – Jack Cotter (no motion required)

IV. INFORMATIONAL REPORTS

- Director's Agenda, September 8, 2016 – Myron Frierson (no motion required)
- State Administrative Board Agenda, August 30, 2016 – Myron Frierson (no motion required)

V. PRESENTATIONS

- Recognition of Shining Light Award Recipient – Tony Kratofil, DeAnte Thompkins
- US-23 Flex Route – Paul Ajegba
- Trunkline System Stratification – David Wresinski (**motion required**)
- FY 2017-2021 Five-Year Transportation Program – Michele Fedorowicz (**motion required**)
- Transportation Asset Management Council Work Program for FY 2017-2019 – Joanna Johnson
- Disadvantaged Business Enterprise (DBE) Goals – Lisa Thompson

VI. PUBLIC COMMENTS

VII. ADJOURNMENT

VIII. NEXT MEETING

- The next full meeting will be held Thursday, December 8, 2016, in the MDOT Southwest 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

July 21, 2016

Midland City Hall, Council Chambers, Midland, Michigan

MEETING MINUTES

Members Present: Todd A. Wyett, Chair
Ron J. Boji, Commissioner
Michael D. Hayes, Commissioner
George K. Heartwell, Commissioner

Members Absent: Angelynn A. Afendoulis, Vice Chair
Charles F. Moser, Commissioner

Also Present: Kirk Steudle, Director, Michigan Department of Transportation (MDOT)
David Brickey, Assistant Attorney General, Transportation Division
Phil Browne, 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
Marty Wazbinski, Mayor Pro Tem, City of Midland
Gregg Brunner, Associate Region Engineer, MDOT Bay Region
Dave Wresinski, MDOT Bureau of Transportation Planning
Bradley Sharlow, MDOT Bureau of Transportation Planning
Michele Fedorowicz, Transp. Planner, MDOT Statewide Planning Division
Jean Ruestman, Manager, MDOT Office of Passenger Transportation
Nikkie Johnson, Analyst, MDOT Office of Rail
Dave Baker, Manager, MDOT Office of Aeronautics
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 9:30 a.m.

- ***Welcome to Midland – Marty Wazbinski***

Mr. Wazbinski welcomed everyone on behalf of the City of Midland and the City Council. He highlighted some recent road projects and future plans, and noted the great relationship the city has with MDOT.

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

Director Steudle began his presentation with updated traffic-death statistics and noted his dissatisfaction, this year's numbers are trending upwards compared to last year. Then he spoke about conversations with Momentum Midland team members this morning, they discussed decisions that the team made to address transportation needs in the area. He also noted that Phil Browne is now the Commission Advisor.

- ***Bay Region Update – Gregg Brunner***

Mr. Brunner spoke about MDOT's assistance to the public related to the Flint water crisis. Initially the region provided traffic control to help the flow of traffic in residential areas where the water centers were located. Another major support was to plow side streets so the Red Cross could provide aid to people in their homes. MDOT staff from the Metro Region and Lansing area also helped. Because a lot of region staff spent time assisting, region operations were impacted, and the region is applying for reimbursement of staffing expenditures. He concluded with thanks and listed the staff who helped.

II. **COMMISSION BUSINESS**

- ***Minutes of May 19, 2016, Commission Meeting***

Chair Wyett requested a motion regarding approval of the minutes for the last State Transportation Commission meeting. Commissioner Heartwell 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.**

- ***Transportation Asset Management Council (TAMC) Nominations – Phil Browne***

Mr. Browne reviewed the nominations received to serve three-year terms on the council, October 1, 2016 to September 30, 2019:

- Joanna Johnson, Managing Director, Road Commission of Kalamazoo County and current Chair of TAMC (member since October 2013) – Nominated by County Road Association of Michigan.
- Donald Disselkoen, County Commissioner, Ottawa County (member since October 2008) – Nominated by Michigan Association of Counties.
- Robert Slattery, Director of Public Works, City of Burton (member since January 2005) – Nominated by Michigan Municipal League.

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

- ***Office of Commission Audits (OCA) Update – Jack Cotter***

Mr. Cotter noted that he just returned from a national meeting and spoke about discussions there. Safe Harbor, which is a program for small consultants regarding overhead rates, has been a pilot program in six states, including Michigan. The program has been successful and other states are interested, but the pilot is ending in December. The federal government is considering how to extend the program.

OCA is concluding prequalifications for the year. Mr. Cotter noted that OCA's staffing efforts have been hampered by a rising economy, and he is excited by staff interactions with new leadership within MDOT. **No motion required.**

III. **OVERSIGHT**

- ***Bond Refinancing Update – Myron Frierson***

Mr. Frierson started with an update on bond refunding that took place last week, MDOT will realize nearly \$160 million savings on debt service, a present value savings of 19 percent. These savings will be used to finance additional road and bridge projects.

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

Mr. Frierson presented information on 41 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 Boji supported. Chair Wyett led a voice vote; all members present voted in favor; **motion to approve carried.**

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

Mr. Frierson presented information on one agreement. Pending any questions, Mr. Frierson asked for approval of Supplemental Exhibit A.

Chair Wyett requested a motion regarding approval of Supplemental Exhibit A. Commissioner Heartwell made a motion to approve and Commissioner Boji 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 304 state jobs and a total construction cost estimate of \$752 million. At this point in the year, MDOT has let 121.6 percent of jobs anticipated and 130.2 percent of cost estimates. There were five lettings in June and July. Upcoming July and August lettings are currently advertising 52 projects. Exhibit A-1 lists 31 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 Hayes made a motion to approve and Commissioner Boji supported. Chair Wyett led a voice vote; all members present voted in favor; **motion to approve carried.**

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

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

Chair Wyett requested a motion regarding approval of Supplemental Exhibit A-1. Commissioner Hayes made a motion to approve and Commissioner Boji 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 information on five projects that were over the engineer's estimate or had only one bidder. Justification memos were provided also for four projects where the low bid exceeded the engineer's estimate by more than ten percent; the Office of Commission Audits 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 Heartwell 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-3: Information for the Commission – Myron Frierson***

Mr. Frierson provided information on one project under \$500,000 that had only one bidder. **No motion required.**

- ***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 May and June, 36 projects totaling \$93.2 million were finalized; four of those were more than 10 percent over original contract amounts, and 18 projects came in under original contract amounts. For May and June, final contract costs respectively averaged 7.0 percent under and 2.9 percent over original contract amounts. So far during fiscal year 2016, closed out MDOT projects have totaled \$497 million and averaged 0.3 percent over original contract amounts.
- For local agency projects in May and June, 100 projects totaling \$64.9 million were finalized; four of those were more than 10 percent over original contract amounts, and 66 projects came in under original contract amounts.

Reasons for additional project costs were provided in the meeting materials for seven MDOT and four local agency projects that exceeded their original contract amounts by more than 10 percent. **No motion required.**

IV. **INFORMATIONAL REPORTS**

- ***Director’s Agenda, July 14, 2016 – Myron Frierson***

- ***State Administrative Board Agenda, July 12, 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**

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

Mr. Wresinski gave an overview of what was presented in May. Mr. Sharlow spoke about changes made in response to public comment and other changes. Changes made were related to Planet M and the Iron Belle Trail, and public comments were added into the document. Following approval, the plan will be posted online at www.michigan.gov/slrp and submitted to the Federal Highway Administration and the Federal Transit Administration.

Chair Wyett requested a motion regarding acceptance of the plan. Commissioner Heartwell 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.**

- ***Draft 2017-2021 Five-Year Transportation Program – Michele Fedorowicz, Jean Ruestman, Nikkie Johnson, and Dave Baker***

Ms. Fedorowicz spoke about aligning the five-year program with fiscal years, rather than calendar years. Beginning with next fiscal year's program the draft document will be published in the summer. She then provided an overview of the highway program and noted that an interactive map of the projects is posted online at www.michigan.gov/mdot5yearplan. Ms. Ruestman gave an overview of intercity and rural public transportation, and bus and marine transportation innovations. Ms. Johnson spoke about passenger rail, rail crossings, and freight programs. Mr. Baker provided information about the aviation program and highlighted some projects.

Chair Wyett requested a motion regarding approval to obtain comments on the plan. Commissioner Hayes made a motion to approve and Commissioner Boji supported. Chair Wyett led a voice vote; all members present voted in favor; **motion to approve carried.**

- ***Resolution Tribute to Frank Raha – Chair Wyett***

Mr. Frank Raha was the Commission Advisor for five and a half years, he recently accepted a new position. Chair Wyett spoke highly of the service that Mr. Raha provided and signed a resolution to honor him. (The resolution is posted on the Commission website at www.michigan.gov/transcommission.)

VI. **PUBLIC COMMENTS**

No public comments, a conversation arose about the success of a local roundabout.

VII. **ADJOURNMENT**

With no further business being before the Commission, Chair Wyett declared the meeting adjourned at 10:46 a.m.

VIII. **NEXT MEETING**

The next full meeting will be held Thursday, September 22, 2016, in a Detroit location to be decided.

Phil Browne
Commission Advisor

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

CONTRACTS

September 22, 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. *EXECUTIVE (Office of Economic Development) - SIB Loan
Contract (2016-0452) between MDOT and the Ogemaw County Road Commission is a state infrastructure bank (SIB) loan to assist the Road Commission in completing the reconstruction of State Road from Henderson Lake Road easterly to Schagel Road. The Road Commission plans to use a combination of federal aid funds, Transportation Economic Development Fund Category D grant funds, and its State Restricted Trunkline Funds to repay the loan. MDOT will loan \$502,770 at 2.5 percent interest for three years to the Ogemaw County Road Commission. The contract will be in effect from the date of award through December 31, 2019. Source of Funds: SIB Loan Funds - \$502,770.

2. *EXECUTIVE (Office of Economic Development) - SIB Loan
Contract (2016-0453) between MDOT and the City of Swartz Creek is a state infrastructure bank (SIB) loan to assist the City in financing transportation infrastructure improvements through the completion of the reconstruction of Chesterfield Drive and Worchester Drive in the City of Swartz Creek. The City plans to use local funds to repay the loan. MDOT will loan \$1,600,000 at 2.5 percent interest for 10 years to the City of Swartz Creek. The contract will be in effect from the date of award through December 31, 2026. Source of Funds: SIB Loan Funds - \$1,600,000.

3. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2015-5504) between MDOT and the Allegan County Drain Commission will provide for participation in the following work:

Construction of a storm water detention and treatment facility in the vicinity of Highway I-196 (northwest) and 61st Street (west) and operation, maintenance, and improvement of a portion of the Kuiper Drain, part of which is within MDOT'S right-of-way along Highway US-31 between Highway I-196 and 60th Street, and which further crosses through a culvert under Highway US-31

Estimated Funds:

State Restricted Trunkline Funds	<u>\$745,000</u>
Total Funds	<u>\$745,000</u>

MDA 84900 – 128682: Allegan County
Local Construction

4. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5429) between MDOT and the County of Calhoun will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Road resurfacing and improvement work along Custer Drive from River Road northerly to Highway M-89.

Estimated Funds:

State Restricted TED Funds	\$160,000
County of Calhoun Funds	<u>\$ 40,000</u>
Total Funds	<u>\$200,000</u>

EDF 13566 – 129202
 Local Letting

5. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5432) between MDOT and the County of Calhoun will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Road reconstruction work along 30 Mile Road from Highway M-60 to approximately 400 feet north of Brembo foundry driveway access.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$185,139 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	\$580,954
County of Calhoun Funds	<u>\$ 57,546</u>
Total Funds	<u>\$638,500</u>

EDA 13522 – 127353
 Local Letting

6. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5433) between MDOT and the Village of Concord will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt cold milling and resurfacing work along North Main Street from the north limits of the Village of Concord southerly to Highway M-60, including sewer installation, aggregate base, traffic control, and restoration work.

Estimated Funds:

State Restricted TED Funds	\$ 46,400
FHWA STP – Rural Funds	\$ 80,400
Village of Concord Funds	<u>\$182,400</u>
Total Funds	<u>\$309,200</u>

STL 38555 – 127209; Jackson County
 Letting of 9/2/2016

7. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5444) between MDOT and the Lake County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Chip seal and fog seal work along 56th Street from the west county line easterly to South Branch Road.

Estimated Funds:

State Restricted TED Funds	\$18,239.75
FHWA STP – Rural Funds	\$57,759.17
Lake County Road Commission Funds	<u>\$ 0</u>
Total Funds	<u>\$75,998.92</u>

STL 43555 – 131427
 Local Force Account

8. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (32) Revision (3) under Master Agreement (2007-0162) between MDOT and the Ann Arbor Area Transportation Authority (AAATA) will extend the authorization term by three months to provide sufficient time for AAATA to complete the projects. The additional time is needed because the delivery of materials for the final project was delayed. The original authorization provides state matching funds for AAATA's FY 2011 Federal Section 5307 Urbanized Area Formula Capital Program grant for revenue vehicles, capital maintenance equipment, computer equipment, support vehicles, capital cost of contracting, preventive maintenance, enhancement, planning and facility renovation. The revised authorization term will be September 20, 2011, through December 19, 2016. The authorization amount remains unchanged at \$19,633,589. The toll credit amount remains unchanged at \$39,529. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$15,746,400; FY 2003, FY 2010, FY 2011, FY 2012, and FY 2013 State Restricted Comprehensive Transportation Funds - \$3,887,189.

9. PASSENGER TRANSPORTATION - Section 5316 Program
Project Authorization (22) Revision (3) under Master Agreement (2007-0201) between MDOT and the City of Detroit will extend the authorization term by 18 months to provide sufficient time for the City to complete the mobility management project. The mobility management activities were delayed while the City focused on the creation and implementation of service operations activities. The original authorization provides state matching funds for the City's FY 2007 Federal Section 5316 Job Access and Reverse Commute Program grant for service operations and mobility management. The revised authorization term will be from September 25, 2009, through September 24, 2012, and from October 25, 2012, through March 30, 2018. The authorization amount remains unchanged at \$2,014,206. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$1,154,438; FY 2009 State Restricted Comprehensive Transportation Funds - \$859,768.

10. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (16) Revision (2) under Master Agreement (2012-0072) between MDOT and the City of Detroit will extend the authorization term by one year to provide sufficient time for the City to complete the projects. The City is currently reviewing two proposals for the computer equipment and plans to award a contract this fall. The original authorization provides toll credits as the state match for the City's FY 2009 Federal Section 5307 Urbanized Area Formula Capital Program grant for the purchase of computer and office equipment. The revised authorization term will be March 24, 2015, through September 30, 2017. The authorization amount remains unchanged at \$736,698. The toll credit amount remains unchanged at \$147,340. 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 - \$736,698.

11. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs
Project Authorization (28) Revision (1) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will increase the total of state matching funds by \$15,062 for the purchase of replacement and expansion buses to match the federal award. The original authorization provides state matching funds for MTA's FY 2016 Federal Section 5307 Urbanized Area Formula Program and FY 2016 Federal Section 5339 Bus and Bus Facilities Formula Program grant for buses, facility renovation, hardware, software, spare parts, shop equipment, preventive maintenance, bus shelters, signage, security equipment, and transportation to work operating assistance. The authorization term remains unchanged July 25, 2016, through July 24, 2020. The revised authorization amount will be \$9,269,669. 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 - \$7,253,735; FY 2016 State Restricted Comprehensive Transportation Funds - \$2,015,934.

12. *PASSENGER TRANSPORTATION – Increase Services and Amount, Extend Term
Amendatory Contract (2014-0159/A2) between MDOT and Enterprise Leasing Company of Detroit, LLC, will extend the contract term by one year to provide for an additional year of the vanpool services, will increase the contract amount by \$265,242, and will revise the reimbursement language. The original contract provides for the use of an extensive fleet management system and promotional programs to work with rideshare offices, state agencies, employers, and the public to allow people to use vanpools as an alternate transportation mode to the single occupant vehicle work commute. The revised contract term will be April 1, 2014, through September 30, 2017. The revised contract amount will be \$507,849. Source of Funds: Federal Highway Administration Funds - \$417,849; FY 2014, FY 2015, FY 2016, and FY 2017 State Restricted Comprehensive Transportation Funds - \$90,000.

13. *PASSENGER TRANSPORTATION – Increase Services and Amount, Extend Term
Amendatory Contract (2014-0160/A2) between MDOT and vRide, Inc., in Ingham County, will extend the contract term by one year to provide for an additional year of the vanpool services, will increase the contract amount by \$2,842,807, and will revise the reimbursement language. The original contract provides for the use of an extensive fleet management system and promotional programs to work with rideshare offices, state agencies, employers, and the public to allow people to use vanpools as an alternate transportation mode to the single occupant vehicle work commute. The revised contract term will be April 1, 2014, through September 30, 2017. The revised contract amount will be \$8,473,551. Source of Funds: Federal Highway Administration Funds - \$7,827,166; FY 2014, FY 2015, FY 2016, and FY 2017 State Restricted Comprehensive Transportation Funds - \$646,385.

14.-24. PASSENGER TRANSPORTATION - Section 5311 Job Access and Reverse Commute

The following project authorizations issued under master agreements between MDOT and the following agencies will provide federal funds and state matching funds under the FY 2017 Federal Section 5311 Formula Grants for Rural Areas Program. These funds will be used to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The authorizations will be in effect from October 1, 2016, through September 30, 2017. The total amount of the authorizations will be \$1,798,766. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$988,973; FY 2017 State Restricted Comprehensive Transportation Funds - \$809,793.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
14.	2017-0003/3	Allegan County Board of Commissioners	\$102,300
15.	2017-0005/2	ALTRAN Transit Authority (Alger County)	\$141,198
16.	2017-0026/2	Cadillac/Wexford Transit Authority	\$159,932
17.	2017-0065/2	Houghton, City of	\$117,600
18.	2017-0066/2	Huron County Board of Commissioners	\$199,500
19.	2017-0071/2	Ionia, City of	\$168,500
20.	2017-0115/2	People's Express (Washtenaw County)	\$280,952
21.	2017-0127/3	Shiawassee Area Transportation Agency	\$199,634
22.	2017-0128/2	St. Joseph County Transportation Authority	\$107,010
23.	2017-0130/3	Suburban Mobility Authority for Regional Transportation Authority (Wayne County)	\$180,640
24.	2017-0139/1	Western-Washtenaw Area Value Express	\$141,500

25.-41. PASSENGER TRANSPORTATION - Specialized Services Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state funding for the FY 2017 Specialized Services Program, which furnishes operating assistance for transportation services for elderly individuals and individuals with disabilities. The funds will be used for eligible specialized services providers or public transit systems. Reimbursement is based on \$1.20 per vehicle mile, \$4.07 per one-way passenger trip, or \$0.29 per vehicle mile for volunteer driver trips. The authorizations will be in effect from October 1, 2016, through September 30, 2017. The total amount of the authorizations will be \$2,919,540. The terms of the master agreements are from October 1, 2017, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2017 State Restricted Comprehensive Transportation Funds - \$2,919,540.

	<u>Authorization</u>	<u>Agency</u>	<u>Total</u>
25.	2017-0003/4	Allegan County Board of Commissioners	\$106,704
26.	2017-0008/2	Ann Arbor Area Transportation Authority	\$176,840
27.	2017-0015/1	Battle Creek, City of	\$ 92,624
28.	2017-0017/4	Bay Metropolitan Transportation Authority (Bay County)	\$138,434
29.	2017-0027/2	Capital Area Transportation Authority (Ingham County)	\$ 50,000
30.	2017-0050/1	Friendship Centers of Emmet County	\$ 93,214
31.	2017-0065/3	Houghton, City of	\$ 58,172
32.	2017-0070/1	Interurban Transit Partnership (Kent County)	\$463,289
33.	2017-0078/3	Key Opportunities, Inc. (Hillsdale County)	\$ 56,999
34.	2017-0082/2	Livingston County Board of Commissioners	\$ 59,862
35.	2017-0092/2	Mass Transportation Authority (Genesee County)	\$306,772
36.	2017-0104/2	Muskegon County Board of Commissioners	\$ 65,499
37.	2017-0114/1	Ottawa County Board of Commissioners	\$157,569
38.	2017-0121/2	Saginaw Transit Authority Regional Services	\$ 98,924
39.	2017-0127/4	Shiawassee Area Transportation Agency	\$ 78,374
40.	2017-0130/4	Suburban Mobility Authority for Regional Transportation (Wayne County)	\$787,819
41.	2017-0135/1	Upper Peninsula Community Services, Inc. (Dickinson County)	\$128,445

42. PASSENGER TRANSPORTATION - Section 5311 Capital Program

Project Authorization (4) under Master Agreement (2017-0005) between MDOT and the ALTRAN Transit Authority, in Alger County, will provide federal funds and state matching funds under the FY 2017 Federal Section 5311 Capital Formula Grants for Rural Areas Program for facility reconstruction. The authorization will be in effect from the effective date of the federal grant through three years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$397,320. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$250,000; FY 2017 State Restricted Comprehensive Transportation Funds - \$62,500; Insurance Proceeds - \$84,820.

43.-44. PASSENGER TRANSPORTATION - Transportation to Work

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state funds to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The authorizations will be in effect from October 1, 2016, through September 30, 2017. The total amount of the authorizations will be \$222,670. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2017 State Restricted Comprehensive Transportation Funds - \$222,670.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
43.	2017-0017/3	Bay Metropolitan Transportation Authority (Bay County)	\$145,000
44.	2017-0082/1	Livingston County Board of Commissioners	\$ 77,670

45. RAIL - Rail Passenger Capital

Project Authorization (2) Revision (8) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization term by 12 months to provide for an additional 12 months of the capital work. The original authorization provides for capital work to be performed on the rail line purchased by MDOT from Norfolk Southern Railway Company between Kalamazoo and Dearborn on the Chicago-Detroit/Pontiac High Speed Rail Corridor. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The revised authorization term will be December 7, 2012, through September 30, 2017. The authorization amount remains unchanged at \$176,874,732.43. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: Federal Railroad Administration Funds/American Recovery and Reinvestment Act of 2009 (ARRA) - \$170,452,198.22; FY 2012 State Restricted Comprehensive Transportation Funds - \$6,422,534.21.

46. *RAIL – Increase Amount, Adjust Funding Sources

Amendatory Contract (2014-0735/A1) between MDOT, M-1 Rail, and M-2 Rail will increase the contract amount by \$21,860,728, add a Transportation Investment Generating Economic Recovery (TIGER) 6 grant to the contract, provide federal and private expenditure authority for the Congestion Mitigation and Air Quality Improvement Program and TIGER 6 funds, adjust funding sources within the contract, and add preaward language to the contract to allow costs incurred between the federal approval date and the effective date of the contract to be reimbursable. The original contract sets forth the manner in which the parties will cooperate in the design and construction for the development and implementation of a 3.4 mile operable light rail line along Woodward Avenue (M-1), connecting downtown Detroit to the New Center District, including roadway reconstruction and bridge replacement over I-75 and I-94. The original contract also establishes the terms and conditions for M-2 Rail to be reimbursed for federal, state, and local funded portions of the project. The contract term remains unchanged, from July 29, 2014, until the last warranty covering the pavement reconstruction or streetcar elements has expired. The revised contract amount will be \$178,322,548. Source of Funds: Federal Highway Administration Funds - \$65,860,151; Federal Transit Administration Funds - \$42,200,000; FY 2014 State Restricted Trunkline Funds - \$10,816,391; City of Detroit Funds - \$1,661,039; M-2 Rail Funds - \$57,784,967.

This amendment was previously approved by the State Transportation Commission at its August 20, 2015, meeting; however, the amendment was not awarded and the amounts have been updated to current levels.

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

AUGUST 2016

STATE PROJECTS OVERVIEW

The August 5, 2016, Bid Letting, included 29 State trunkline projects with \$38.8 million in total engineer estimates. The low bids received totaled \$36.3 million. The average dollar amount of the bids received for the State projects on August 5, is 1.2 million and the median of \$711.2 thousand. Of the 29 State projects for this letting, eight included warranties with \$13.3 million as the low bid total. The 29 State projects received a total of 84 bids. In comparison to the August 7, 2015, letting totals, 24 State projects were let with engineer estimates of \$14.5 million and low bid dollars of \$14.2 million. The State projects of August 7, 2015, received 77 bids.

For fiscal year 2016 to date, 299 State projects have been let with a low bid total of \$860.3 million. Compared to the same period last year, 262 State projects were let with the low bid total of \$850.0 million.

PROJECTS BID SUMMARY

The total number of bids received for the 57 projects let on August 5, 2016, was 200. The average number of bids received per project was 3.51.

There was one project withdrawn and no projects postponed from the August 5, 2016, letting, and all bids were rejected for two State trunkline projects and one Local Area project.

Of the 91 contracting companies eligible to submit bids for the August letting, 79 submitted at least one bid.

JOB PROJECTIONS

The list of jobs projected to be let during FY 2016 was updated on 08/04/2016 to include a total of 301 State jobs with a total construction cost estimate of \$751.1 million.

For fiscal year 2016 through August, 97.2% of State jobs anticipated for this period have been let using 108.3% of the projected cost estimates. For the same period of FY 2015, 96.1% of State jobs were let using 99.2% of the projected construction costs.

UPCOMING LETTING STATS

The **September 2, 2016, Bid Letting** is advertising 10 State trunkline projects with an engineer estimate total of \$18.7 million. Of the 10 State projects, four include warranties with \$13.2 million in engineer estimates. In addition to the State projects advertised for this letting, 16 Local projects with an estimated total of \$16.7 million are advertised.

Note: Information provided in this report is subject to change

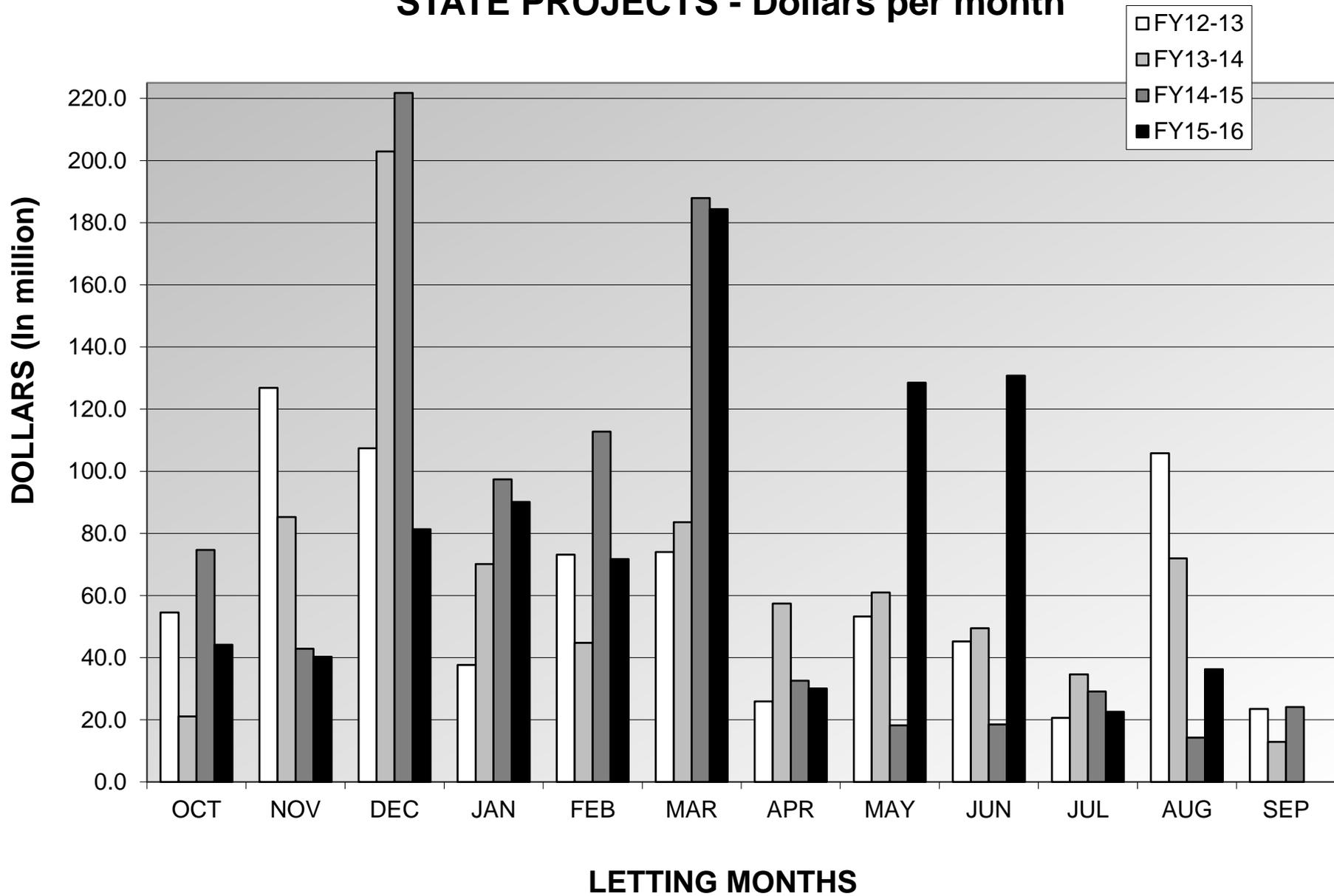
LETTING SUMMARY OF AUGUST 5, 2016

STATISTICS	PROGRAM AREA				
	STATE	LOCAL	AERO	FREIGHT SERVICES	TOTALS
Project Report					
Number of Projects Let	29	27	1	0	57
Engineer Estimates of Projects Let	\$38,764,585.15	\$36,068,286.71	\$57,400.00	\$0.00	\$74,890,271.86
Low Bid Report					
Low Bid Totals	\$36,307,123.89	\$34,890,082.05	\$33,866.00	\$0.00	\$71,231,071.94
% over/under eng. est. of projects let	-6.34%	-3.27%	-41.00%	0.00%	-4.89%
All Bid Rejection Report					
All Bid Rejection(s)	2	1	0	0	3
All Bid Rejection(s) Engineer's Estimate	\$4,685,301.32	\$812,616.19	\$0.00	\$0.00	\$5,497,917.51
All Bid Rejection(s) Low Bid Amount	\$5,977,509.83	\$1,157,450.90	\$0.00	\$0.00	\$7,134,960.73
% over/under eng. est. of projects all bids rejected	27.58%	42.44%	0.00%	0.00%	29.78%
TBA Report - Low Bids Pending					
Number of TBAs	5	6	0	0	11
Engineer Estimates	\$3,691,877.95	\$18,405,080.37	\$0.00	\$0.00	\$22,096,958.32
Low Bid Amounts	\$4,341,291.98	\$18,558,241.45	\$0.00	\$0.00	\$22,899,533.43
% over/under engineer's estimate of TBA items	17.59%	0.83%	0.00%	0.00%	3.63%
Bidder (Bids) Report					
Number of Bids Received	84	114	2	0	200
Average # of Bidders per Project	2.90	4.22	2.00	0.00	3.51

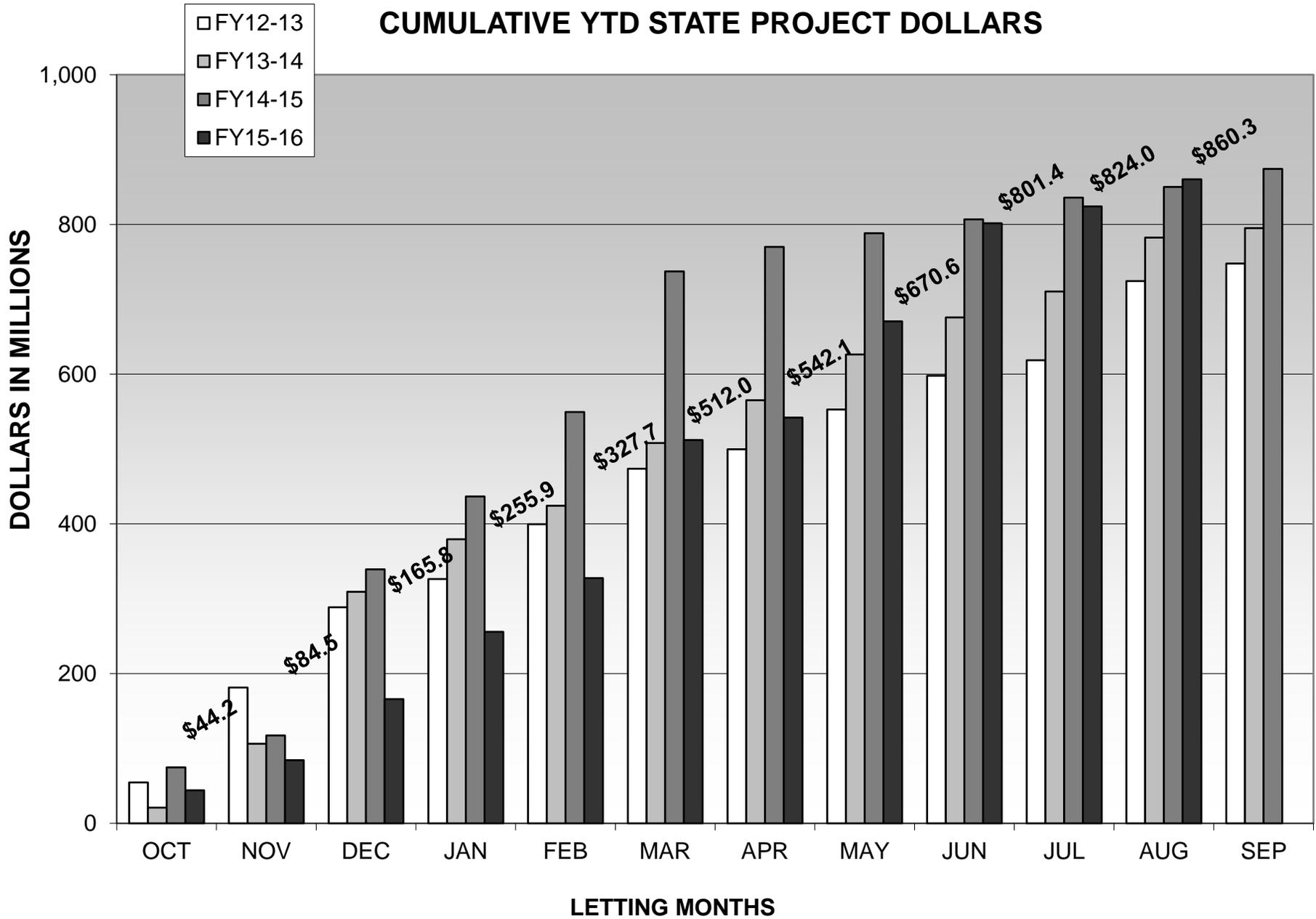
UPCOMING LETTING PROJECTIONS:

	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
September 2, 2016, Bid Letting					
# of proj. advertised	10	16	0	0	26
# of projects with warranties	4	0	0	0	4
\$ Eng. Est. of projects advertised (In million)	\$18.7	\$16.7	\$0.0	\$0.0	\$35.4
\$ Eng. Est. of warranty projects (In million)	\$13.2	\$0.0	\$0.0	\$0.0	\$13.2

MDOT LETTINGS STATE PROJECTS - Dollars per month

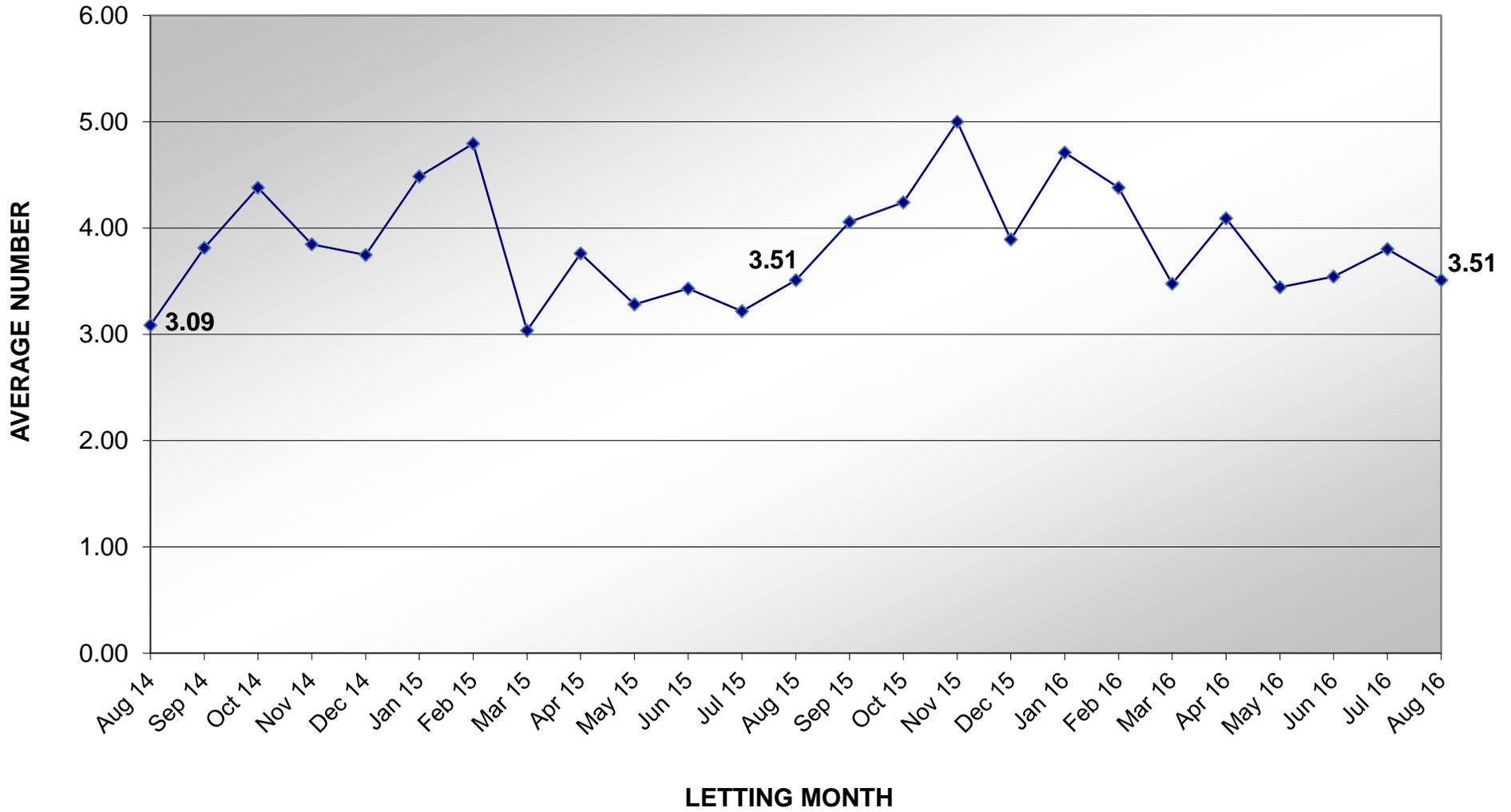


MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



AVERAGE NUMBER OF BIDDERS

AUGUST 2014 through AUGUST 2016



PROJECTS WITH SPECIFIED NUMBER OF BIDS - BY REGION

AUGUST 5, 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	5	2	1	1		1	1		12
GRAND	1			1	1	1					4
METRO		3	3	5	1	1					13
NORTH		3	1	2							6
SOUTHWEST		2	1								3
SUPERIOR	1	5	2								8
UNIVERSITY	1	4	2	1	1					2	11
NUMBER OF BIDS ON PROJECTS	3	18	14	11	4	3	0	1	1	2	Total 57

LETTING STATISTICS

SEPTEMBER 2016

STATE PROJECTS OVERVIEW

The September 2 and 16, 2016, bid lettings, included ten State trunkline projects with \$18.1 million in total engineer estimates. The low bids received totaled \$18.8 million. The average low bid received for the September State trunkline projects let is \$1.9 million and the median of \$1.0 million. Of the ten State projects, four included warranties with \$12.3 million as the low bid total. The ten State projects received a total of 40 bids. In comparison to the September 2015 letting totals, 15 State projects were let with total engineer estimates of \$24.3 million and low bid dollars of \$24.1 million. The State projects of September 4, 2015 received 51 bids.

For fiscal year 2016 to date, 309 State trunkline projects have been let with a low bid total of \$879.1 million. Compared to the same period last year, 277 State projects were let with the low bid total of \$874.2 million.

PROJECTS BID SUMMARY

The total number of bids received for the 27 projects let in September of 2016, was 123. The average number of bids received per project was 4.56.

There was one project withdrawn and one project postponed from the September 2, 2016, letting, and currently, there are two projects for which all bids have been rejected.

Of the 65 contracting companies eligible to submit bids for the September 2, letting, 53 submitted at least one bid.

JOB PROJECTIONS

Job projections are State trunkline jobs specific in category and are classified under the work groups of road, bridge, and traffic and safety.

The list of jobs projected to be let during FY 2016 was updated on 09/01/2016 to include a total of 292 State jobs with a total construction cost estimate of \$740.9 million.

For fiscal year 2016 through September, 97.9% of State jobs anticipated for this period have been let using 108.7% of the projected cost estimates. For the same period of FY 2015, 94.9% of State jobs were let using 98.5% of the projected construction costs.

UPCOMING LETTING STATS

The letting scheduled for **October 7, 2016**, is currently advertising 18 State trunkline projects with a total engineer estimate of \$135.5 million. Of the 18 State projects, seven include warranties with the total engineer estimate of \$123.4 million. In addition to the State projects advertised for this letting, there are 13 Local area projects scheduled with an estimated total of \$11.0 million.

Note: Information provided in this report is subject to change

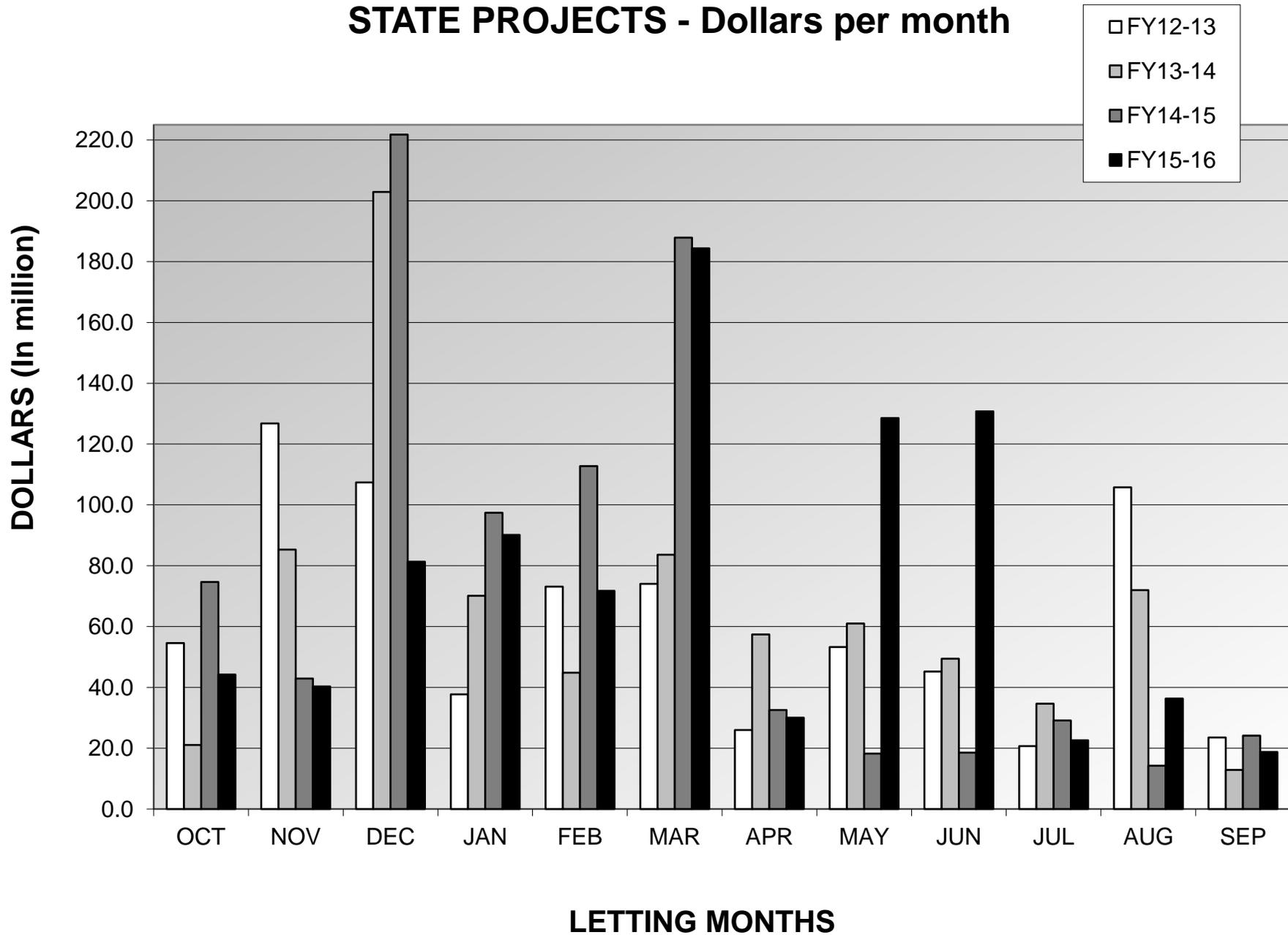
LETTING SUMMARY OF SEPTEMBER 2016

STATISTICS	PROGRAM AREA				
	STATE	LOCAL	AERO	FREIGHT SERVICES	TOTALS
Project Report					
Number of Projects Let	10	17	0	0	27
Engineer Estimates of Projects Let	\$18,067,815.61	\$17,236,600.03	\$0.00	\$0.00	\$35,304,415.64
Low Bid Report					
Low Bid Totals	\$18,757,768.30	\$17,732,376.30	\$0.00	\$0.00	\$36,490,144.60
% over/under eng. est. of projects let	3.82%	2.88%	0.00%	0.00%	3.36%
All Bid Rejection Report					
All Bid Rejection(s)	1	1	0	0	2
All Bid Rejection(s) Engineer's Estimate	\$2,302,719.40	\$579,201.90	\$0.00	\$0.00	\$2,881,921.30
All Bid Rejection(s) Low Bid Amount	\$3,312,087.57	\$740,079.97	\$0.00	\$0.00	\$4,052,167.54
% over/under eng. est. of projects all bids rejected	43.83%	27.78%	0.00%	0.00%	40.61%
TBA Report - Low Bids Pending					
Number of TBAs	0	4	0	0	4
Engineer Estimates	\$0.00	\$6,036,042.08	\$0.00	\$0.00	\$6,036,042.08
Low Bid Amounts	\$0.00	\$6,696,625.73	\$0.00	\$0.00	\$6,696,625.73
% over/under engineer's estimate of TBA items	0.00%	10.94%	0.00%	0.00%	10.94%
Bidder (Bids) Report					
Number of Bids Received	40	83	0	0	123
Average # of Bidders per Project	4.00	4.88	0.00	0.00	4.56

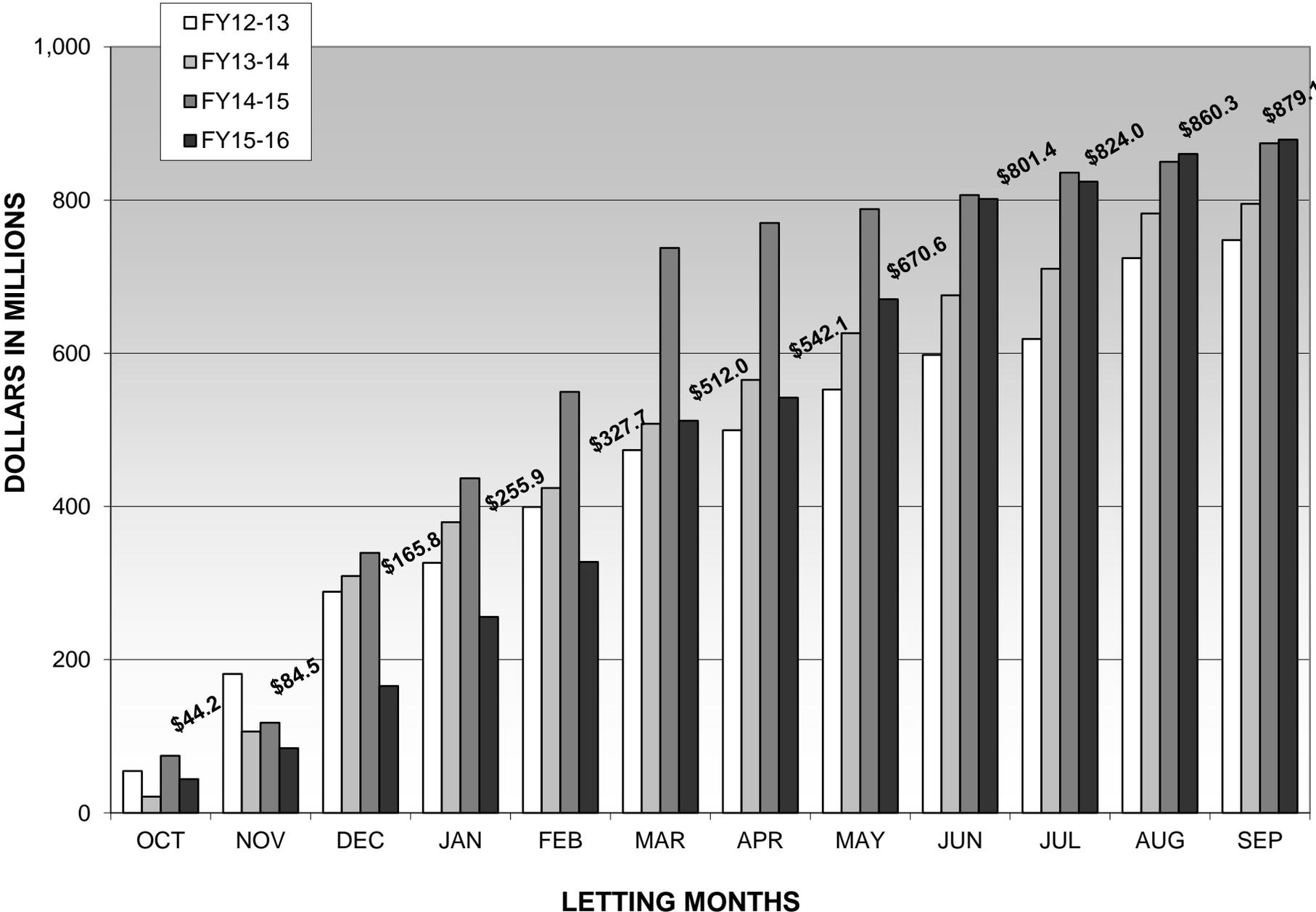
U P C O M I N G L E T T I N G P R O J E C T I O N S :

October 7, 2016, Bid Letting	State	Local	Aero	Freight Services	Totals
# of proj. advertised	18	13	0	0	31
# of projects with warranties	7	0	0	0	7
\$ Eng. Est. of projects advertised (In million)	\$135.5	\$11.0	\$0.0	\$0.0	\$146.5
\$ Eng. Est. of warranty projects (In million)	\$123.4	\$0.0	\$0.0	\$0.0	\$123.4

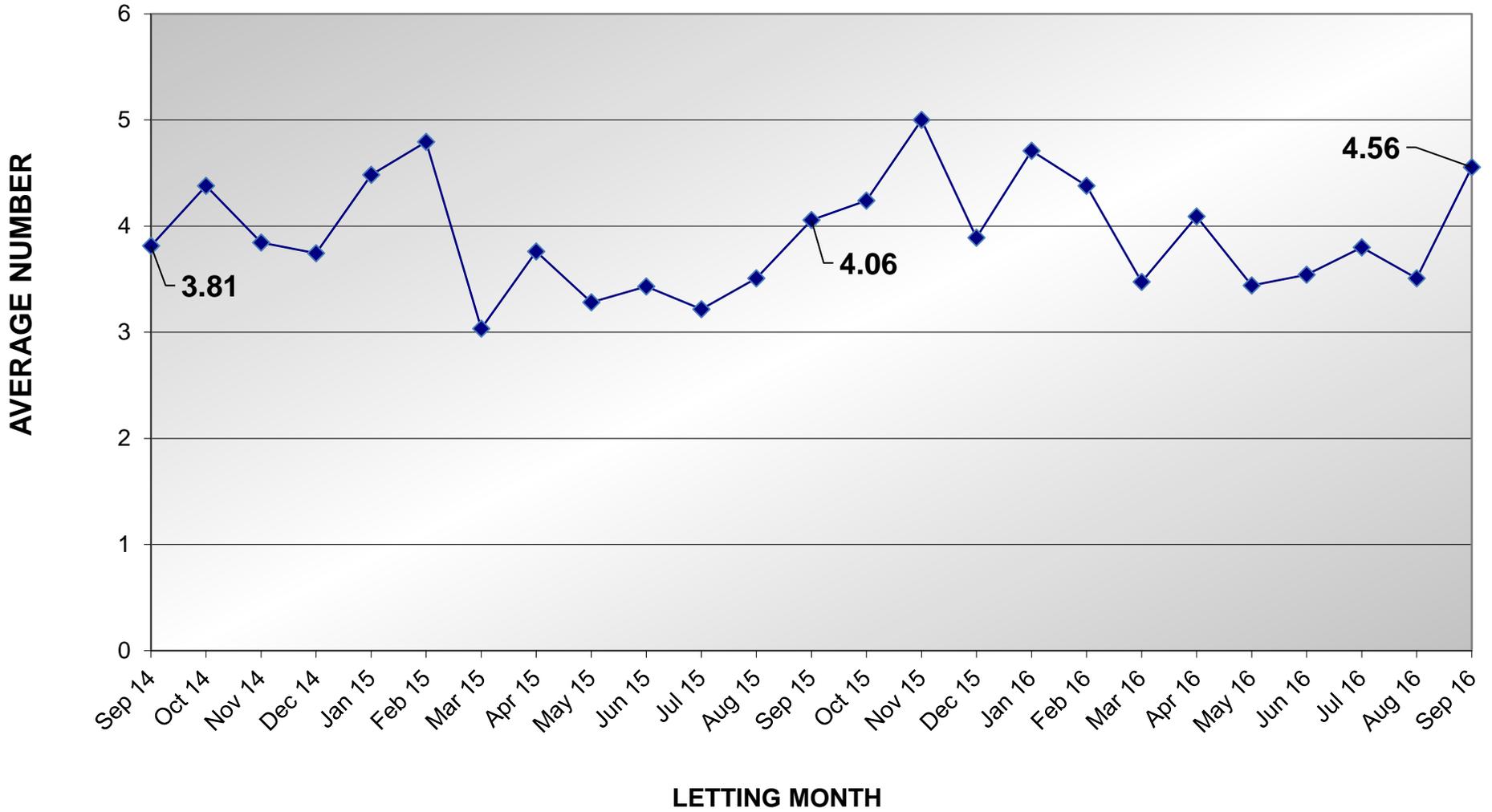
MDOT LETTINGS STATE PROJECTS - Dollars per month



MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



AVERAGE NUMBER OF BIDDERS
SEPTEMBER 2014 through SEPTEMBER 2016



PROJECTS WITH SPECIFIED NUMBER OF BIDS - BY REGION

LETTINGS OF SEPTEMBER 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	1		1	1		1			5
GRAND		2					1	1			4
METRO		2	1	3		2					8
NORTH		1		1		1					3
SOUTHWEST				1			1				2
SUPERIOR			1								1
UNIVERSITY				1	2				1		4
NUMBER OF BIDS ON PROJECTS	0	6	3	6	3	4	2	2	1	0	Total 27

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

September 22, 2016

The following contracts are being submitted for approval.

STATE PROJECTS

1. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 001 **\$10,984,000.00**
Project: IM 11015-119672
Local Agreement:
Start Date: March 1, 2017
Completion Date: June 9, 2018

5.79 mi of hot mix asphalt cold milling and resurfacing, shoulder replacement, sewer and drainage, guardrail, cable barrier, shoulder corrugations and pavement markings on I-94 eastbound from northeast of Red Arrow Highway to southwest of I-94BL in the city of Bridgman and village of Stevensville, Berrien County. This project includes a 5 year materials and workmanship pavement warranty.

5.00 % DBE participation required

2. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 002 **\$6,639,000.00**
Project: GF16 59012-117996
Local Agreement:
Start Date: March 13, 2017
Completion Date: June 1, 2018

3.47 mi of hot mix asphalt base crushing and shaping, cold milling, guardrail, culvert, concrete curb, gutter and pavement markings on US-131 from M-46 to the Montcalm north county line in Reynolds Township, Montcalm and Mecosta Counties. This project includes a 5 year materials and workmanship pavement warranty.

0.00 % DBE participation required

3. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 003 **\$1,219,000.00**
Project: STG 84922-119009, ETC
Local Agreement: 16-5369
Start Date: April 17, 2017
Completion Date: June 30, 2017

Traffic signal modernization and concrete curb, gutter, sidewalk and ramp upgrades at 7 locations on I-75BL, M-32, M-55, M-119, US-23 and US-31, Alcona, Emmet, Otsego, and Roscommon Counties.

0.00 % DBE participation required

4. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 012 **\$5,893,000.00**
Project: GF16 11017-128538
Local Agreement:
Start Date: March 1, 2017
Completion Date: June 9, 2018

3.82 mi of multi-course hot mix asphalt overlay, median shoulder widening, pavement reconstruction under structure to maintain vertical clearance, installation of median cable barrier, guardrail and pavement markings on I-94 eastbound from west of Hennesey Road to east of the Van Buren county line, Berrien and Van Buren Counties. This project includes a 5 year materials and workmanship pavement warranty.

0.00 % DBE participation required

5. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 013 **2,202,000.00**
Project: M 18032-131193
Local Agreement:
Start Date: May 1, 2017
Completion Date: June 17, 2017

3.33 mi of hot mix asphalt pavement repairs, cold milling and overlay, sewer and drainage improvements, concrete curb, gutter and sidewalk construction, and permanent pavement markings on US-127BR from Townline Lake Road northerly to Arnold Lake Road in the city of Harrison, Clare County. This project includes a 5 year materials and workmanship pavement warranty.

0.00 % DBE participation required

6. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 017 **\$670,000.00**
Project: CMG 82061-120418
Local Agreement:
Start Date: April 3, 2017
Completion Date: June 30, 2017

Traffic signal modernization and concrete curb, gutter, sidewalk and ramp upgrades at 3 locations along US-12 (Michigan Avenue) in the cities of Dearborn and Dearborn Heights, Wayne County.

0.00 % DBE participation required

7. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 019 **\$5,879,000.00**
Project: M 45012-129936
Local Agreement:
Start Date: May 15, 2017
Completion Date: August 31, 2017

12.74 mi of hot mix asphalt overlay, pavement repairs, trenching and shoulder gravel on M-22 from Thoreson Road to M-204, Leelanau County.

0.00 % DBE participation required

8. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 020 **\$96,522,000.00**
Project: ST 81075-115398, ETC
Local Agreement:
Start Date: 10 days after award
Completion Date: September 19, 2019

11.16 mi of hot mix asphalt widening and median shoulder reconstruction, construction of crash sites, interchange reconstruction with roundabouts, drainage upgrades, cold milling and resurfacing, bridge replacement, permanent and temporary bridge widening, culvert extension, retaining wall, epoxy overlay, deck patching, barrier replacement, concrete beam end repair, substructure patching, concrete surface coating and rehabilitation, active traffic management system installation and ramp acceleration taper extensions at various locations on US-23, Livingston and Washtenaw Counties. This project includes a 3 year materials and workmanship pavement warranty, a 5 year materials and workmanship pavement warranty and a 2 year performance warranty on concrete surface coating.

8.00 % DBE participation required

9. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 022 **\$1,422,000.00**
Project: GF16 38101-128542
Local Agreement:
Start Date: May 8, 2017
Completion Date: August 3, 2017

7.40 mi of full-depth concrete joint repairs on I-94 from west of Michigan Avenue easterly to M-60, Jackson County.

0.00 % DBE participation required

10. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 025 **\$1,208,000.00**
Project: TA 73073-124337
Local Agreement: 15-5450
Start Date: February 27, 2017
Completion Date: September 19, 2019

2.20 mi of shared-use hot mix asphalt non-motorized trail with 4 boardwalk locations spanning drains and low-lying wet areas along M-47 from south of Powley Drive southerly to the Freeland Sportszone, Saginaw County.

5.00 % DBE participation required

11. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 026 **\$714,000.00**
Project: ST 71071-128586
Local Agreement:
Start Date: May 1, 2017
Completion Date: June 14, 2017

10.52 mi of single-course chip and fog sealing on US-23 from County Road 638 to M-65 and from Kings Corner to Bamfield Road, Presque Isle, Iosco and Alcona Counties. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

LOCAL PROJECTS

12. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 004 **\$2,746,000.00**
Project: NH 82457-131361
Local Agreement: 16-5405
Start Date: 10 days after award
Completion Date: November 15, 2017

1.84 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs and bridge approach, epoxy overlay, sidewalk ramps, guardrail, signing and pavement markings on West Road from Allen Road to Fort Street (M-85) in the cities of Trenton and Woodhaven, Wayne County.

5.00 % DBE participation required

13. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 005 **\$1,485,000.00**
Project: STL 74555-115892
Local Agreement: 16-5431
Start Date: 10 days after award
Completion Date: July 14, 2017

8.01 mi of hot mix asphalt overlay, aggregate shoulders, bridge deck waterproofing and guardrail on Deckerville Road from Decker Road to Sheldon Road, Sanilac County.

3.00 % DBE participation required

14. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 006 **\$1,034,000.00**
Project: STU 50458-127313
Local Agreement: 16-5440
Start Date: April 15, 2017
Completion Date: June 30, 2017

0.69 mi of full-depth concrete repairs, drainage structure adjustments, concrete curb replacement, and pavement markings on Garfield Road from Millar Road to 17 Mile Road, Macomb County.

3.00 % DBE participation required

15. Letting of October 7, 2016 Prequalification Level:
Letting Call: 1610 011 **\$1,171,000.00**
Project: TAL 15029-122112
Local Agreement: 16-5448
Start Date: 10 days after award
Completion Date: July 28, 2017

3.24 mi of hot mix asphalt shared-use path, retaining walls and grading on US-31 from Waller Road to Boyne City Road and on Boyne City Road from US-31 to Quarterline Road, Charlevoix County.

4.00 % DBE participation required

16. Letting of October 7, 2016
Letting Call: 1610 014
Project: TAUL 61121-123847
Local Agreement: 16-5450
Start Date: 10 days after award
Completion Date: July 1, 2018

Prequalification Level:
\$1,693,000.00

4.49 mi of trail and bridge construction, safety improvements at railroad and road crossings and root control barriers on Whitehall Road from McMillan Road south to Lake Avenue in the city of North Muskegon, Muskegon County.

5.00 % DBE participation required

17. Letting of October 7, 2016
Letting Call: 1610 024
Project: HSIP 39609-127387, ETC
Local Agreement: 16-5445
Start Date: March 6, 2017
Completion Date: April 25, 2018

Prequalification Level:
\$1,009,000.00

0.30 mi of hot mix asphalt resurfacing, concrete pavement, curb, gutter and sidewalk, drainage and traffic signal upgrades on Stadium Drive from 4th Street to 6th Street and on 11th Street at West Michigan Avenue, Kalamazoo County.

4.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the 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

REQUEST FOR MICHIGAN STATE
TRANSPORTATION COMMISSION APPROVAL
LETTING EXCEPTIONS AGENDA

September 22, 2016

STATE PROJECTS

1. Letting of September 2, 2016
 Letting Call: 1609 026
 Project: IM 82123-128945
 Local Agreement:
 Start Date: 10 days after award
 Completion Date: June 13, 2017
- Low Bid: **\$3,312,087.57**
 Engineer Estimate: \$2,302,719.40
 Pct Over/Under Estimate: 43.83 %

7.53 mi of full-depth continuously reinforced concrete (CRC) pavement repairs, longitudinal joint repairs using asphalt repair mastic material and permanent pavement markings on I-96 from Roosevelt Road to M-39 in the city of Detroit, Wayne County.

6.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Florence Cement Company	\$3,312,087.57	Same	1 **
Major Cement Co.	\$3,584,535.62	Same	2
Cipparrone Contracting, Inc.	\$5,110,400.93	Same	3

Total Number of Bidders: 3

LOCAL PROJECTS

2. Letting of September 2, 2016
 Letting Call: 1609 004 Low Bid: **\$736,934.05**
 Project: TAU 41401-129604 Engineer Estimate: \$636,292.50
 Local Agreement: 16-5402 Pct Over/Under Estimate: 15.82 %
 Start Date: 10 days after award
 Completion Date: October 20, 2017

1.00 mi of sidewalk construction, sewer, drainage, curb and gutter, ADA ramps, removal and replacement of brush block and bridge railing, bridge signage, guardrail and pavement markings on Maryland Avenue from Michigan Street to Leonard Street in the city of Grand Rapids, Kent County.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Kamminga & Roodvoets, Inc.	\$736,934.05	Same	1 **
C & D Hughes, Inc.	\$749,946.75	Same	2
Anlaan Corporation	\$816,550.59	Same	3
Nagel Construction, Inc.	\$858,286.25	Same	4
Milbocker and Sons, Inc.	\$907,191.00	Same	5
Nashville Construction Company	\$915,377.71	Same	6
Davis Construction, Inc.	\$947,170.05	Same	7

Total Number of Bidders: 7

3. Letting of September 2, 2016
 Letting Call: 1609 005 Low Bid: **\$740,079.97**
 Project: CM 03400-120992 Engineer Estimate: \$579,201.90
 Local Agreement: 16-5411 Pct Over/Under Estimate: 27.78 %
 Start Date: 10 days after award
 Completion Date: July 28, 2017

1.01 mi of hot mix asphalt non-motorized trail construction including grading, boardwalk sections and slope restoration along Blue Star Highway from Maple Street to North Street, Allegan County.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Brenner Excavating, Inc.	\$ 740,079.97	Same	1 **
Riverworks Construction, Inc.	\$ 749,476.35	Same	2
D. J. McQuestion & Sons, Inc.	\$ 759,559.16	Same	3
Hoffman Bros., Inc.	\$ 763,015.14	Same	4
Kamminga & Roodvoets, Inc.	\$ 779,853.08	Same	5
Anlaan Corporation	\$ 934,239.72	Same	6
Milbocker and Sons, Inc.	\$ 955,014.11	Same	7
Superior Construction Co Inc.	\$1,635,863.66	Same	8

Total Number of Bidders: 8

4. Letting of September 2, 2016
 Letting Call: 1609 018
 Project: CMG 82900-131154
 Local Agreement: 16-5404
 Start Date: 10 days after award
 Completion Date: October 31, 2017

Low Bid: **\$2,279,808.67**
 Engineer Estimate: \$2,043,912.00
 Pct Over/Under Estimate: 11.54 %

Installation of ITS hardware, integration of traffic signals and upgrading actuated signal systems at several locations in the city of Detroit, Wayne County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Motor City Electric Utilities	\$2,279,808.67	Same	1 **
Dan's Excavating, Inc.	\$2,346,409.88	Same	2
Rauhorn Electric, Inc.	\$2,384,459.97	Same	3
J. Ranck Electric, Inc.	\$2,515,777.64	Same	4

Total Number of Bidders: 4

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the 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

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

September 22, 2016

LOCAL PROJECT

- | | |
|---|--|
| <p>1. Letting of September 16, 2016
 Letting Call: 1609 202
 Project: MCS 04001-122827
 Local Agreement: 16-5412
 Start Date: 10 days after award
 Completion Date: June 21, 2017</p> | <p>Low Bid: \$2,883,936.76
 Engineer Estimate: \$2,572,361.10
 Pct Over/Under Estimate: 12.11 %</p> |
|---|--|

Bridge cleaning and coating of the steel structure, mechanical and electrical rehabilitation, traffic lights and gates for the double-leaf bascule bridge and approach work on 2nd Avenue over Thunder Bay River in the city of Alpena, Alpena County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Anlaan Corporation	\$2,883,936.76	Same	1 **
Davis Construction, Inc.	\$2,890,659.55	Same	2
Milbocker and Sons, Inc.	\$3,099,239.11	Same	3
Toebe Construction LLC	\$3,652,325.70	Same	4

Total Number of Bidders: 4

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

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

BID LETTING APPROVAL

September 22, 2016

LOCAL PROJECT

1. Letting of September 16, 2016
 Letting Call: 1609 601
 Project: STU 82457-131426
 Local Agreement: 16-5428
 Start Date: 10 days after award
 Completion Date: 60 Calendar Days

Low Bid: **\$795,946.25**
 Engineer Estimate: \$783,476.48
 Pct Over/Under Estimate: 1.59 %

1.00 mi of hot mix asphalt cold milling, resurfacing and approaches, concrete curb, sidewalk and ramp replacement, drainage structure adjustments, and pavement markings on Fenkell Avenue from Evergreen Road to Southfield Freeway, Wayne County.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Ajax Paving Industries, Inc.	\$795,946.25	Same	1 **
Cadillac Asphalt, L.L.C.	\$998,580.85	Same	2
Pavex Corporation	\$998,656.13	Same	3
Florence Cement Company	\$1,074,757.28	Same	4

Total Number of Bidders: 4

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

Respectfully submitted,

Original signed

Kirk T. Steudle
 Director

EXHIBIT B
Construction Contracts - MDOT Projects
Items to the Commission - September 22, 2016

Total Over the Original Cost (All MDOT) \$555,511.14	Total Over the Original Cost (MDOT/MDOT) \$160,770.22	Total Over the Original Cost (MDOT/Cons) \$394,740.92
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	Number of Projects Over 10% (3 Total)	Total Original Contract Amount \$3,953,169.60	Total Final Contract Amount \$4,508,680.74	Total Increase or Decrease \$555,511.14	Total Percent 14.05%
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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 MDOT (M) or Consultant (C)	Reason for Additional Project Costs
Metro	11/26/10	02/24/13	Electrical, hydraulic, and structural rehabilitation on I-94BL over Black River and on M-29 over Pine River in the city of Port Huron, St. Clair County.	Z Contractors, Inc.	\$2,706,863.32	\$3,101,604.24	\$394,740.92	14.58%	11/13/2014	6/12/2015	3/31/2015	05/31/16	C	<u>Reason #1:</u> CM #2 process payment for incurred costs to the contract due to expediting the project by 2 weeks. The direction to accelerate the project came from the MDOT and the U.S. Coast Guard. The U.S. Coast Guard authorized contract work on the bascule bridge structures between January 15, 2015 and March 15, 2015. Accelerating the work by two weeks increased the labor, equipment, materials and labor inefficiencies. Reason 1 accounts for \$365,420.33, or 93% of the total project cost increases.
Metro	07/27/24	05/31/48	Partial replacement, cleaning and coating of bearings, and expansion joint replacement at pier 2 on I-75 under I-94 eastbound to the I-75 northbound ramp in the city of Detroit, Wayne County.	C. A. Hull Co., Inc.	\$292,352.44	\$333,570.51	\$41,218.07	14.10%	5/14/2015	7/12/2015	6/10/2015	05/24/16	M	<u>Reason #1:</u> CM #1 added an unplanned traffic shift to northbound and southbound I-75 just south of I-94 to improve mobility during the pier replacement. It was originally planned to maintain 1 or 2 lanes but 2 or 3 lanes were needed at all times. The additional lanes decreased user delays and increased the public's safety. Reason 1 accounts for \$41,218.07, or 100% of the total project cost increases.
Southwest	10/17/35	06/08/24	Concrete deep overlay, full-depth patch, thrie beam retrofit, beam repair, full painting, pin and hanger replacement, and approach work on I-69 under L Drive North, Calhoun County.	Anlaan Corporation	\$953,953.84	\$1,073,505.99	\$119,552.15	12.53%	4/20/2015	8/21/2015	11/20/2015	06/08/16	M	<u>Reason #1:</u> CM# 16 was an increase of \$114,115.90 to extra item Forming for Full Depth Deck Patches. The existing top part of bridge deck was hydrodemolished as per plans. In many locations the existing concrete deck required full depth concrete patches. In accordance with 2012 standard Specifications for Construction 712.04 J, forming for full depth bridge deck patches will be paid as extra work. Reason 1 accounts for \$114,115.90, or 95% of the total project cost increases.

EXHIBIT B
Construction Contracts - Local Projects
Items to the Commission - September 22, 2016

Total Over the Original Cost (All Local) \$830,310.50	Total Over the Original Cost (Local/Local) \$79,313.42	Total Over the Original Cost (Local/Cons) \$750,997.08
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	Number of Projects Over 10% (6 Total)	Total Original Contract Amount \$5,088,037.62	Total Final Contract Amount \$5,918,348.12	Total Increase or Decrease \$830,310.50	Total Percent 16.32%
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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 Local (L) or Consultant (C)	Reason for Additional Project Costs
Southwest	11021	118606	Bridge removal and replacement with 33-inch, prestressed concrete box beam and approach work on Elm Valley Road over Dowling Creek, Berrien County.	J. E. Kloote Contracting, Inc.	\$797,350.08	\$899,562.62	\$102,212.54	12.82%	6/4/2015	9/30/2015	9/30/2015	3/29/2016	C	<u>Reason #1:</u> CM #1 explains extra piling that had to be added because the contractor could not get the steel H pile to load bearing capacity. Abonmarche (Bridge Designer) redesigned the issue and decided 14" CIP pile needed to be added. A small hammer was also needed to drive these new piles. <u>Reason #2:</u> CM#2 explains that the contractor was shut down during the redesign and had to be paid for their idle equipment. Reasons 1-2 account for \$79,011.55, or 77% of the total project cost increases.
Bay	09408	120557	0.63 mi of hot mix asphalt removal and resurfacing, concrete curb, gutter and ramps, widening, machine grading, aggregate base, drainage, and storm sewer on Garfield Road from Midland Road to the north city limits of Auburn and from the north city limits to north of North Union Road in the city of Auburn, Bay County.	Shaw Contracting Co.	\$1,455,733.94	\$1,608,420.65	\$152,686.71	10.49%	5/11/2015	10/30/2015	9/24/2015	4/15/2016	C	<u>Reason #1:</u> CM #4 includes increases totaling \$97,593.27 for Extra Items due to an unstable sanitary sewer trench within the roadway. These items were needed because unforeseen unstable soil conditions would not allow for adequate subgrade support. <u>Reason #2:</u> CM #15 include an increase of \$20,938.90 for Additional Aggregate Base, Variable Depth due to an error discovered on the plans which required additional aggregate over the entire width of the roadway at varying depths. CM #17 shows that the \$20,938.90 was paid by the Bay County Road Commission. Reasons 1-2 account for \$118,532.17, or 78% of the total project cost increases.
University	33400	116768	7.50 mi of hot mix asphalt shared-use path, bike lanes, concrete curb, gutter, sidewalk and ramps, culverts, guardrail, and pavement marking along Consumers Energy Corridor on Pleasant Grove Road from Jolly Road to Martin Luther King, Jr. Boulevard, and along Consumers Energy Corridor from Waverly Road to Pennsylvania Avenue and from Pennsylvania Avenue to Cavanaugh Road in the city of Lansing, Ingham County.	Hoffman Bros., Inc.	\$1,787,644.88	\$2,130,584.45	\$342,939.57	19.18%	5/6/2014	12/1/2014	6/18/2015	5/6/2016	C	<u>Reason #1:</u> CM#6 included \$320,262.60 in subgrade undercutting Special and 1X3. This was needed due to the unexpected poor soil conditions that were unable to support the construction equipment. Reasons 1 accounts for \$320,262.60, or 93% of the total project increases.
North	53555	11975	0.25 mi of hot mix asphalt paving, vertical curve correction, directional bore culvert, and guardrail on Hansen Road from Amber Road easterly to Gordon Road, Mason County.	Hallack Contracting, Inc.	\$312,352.25	\$391,665.67	\$79,313.42	25.39%	6/22/2015	8/1/2015	8/14/2015	5/31/2016	L	<u>Reason #1:</u> CM #1 includes an increase of \$5,500.00 for Tree, Rem, 6 inch to 18 inch. This was necessary to pay for work to remove trees found in the field that were not covered in the contract. <u>Reason #2:</u> CM #2 includes an increase of \$6,818.45 for additional Mulch Blanket, High Velocity. Due to the steepness of the proposed slopes, and high velocity mulch blanket was required to control erosion on slopes of this steepness. <u>Reason #3:</u> CM #3 includes an increase of \$2,926.88 for additional guardrail items. This was necessary to address additional guardrail work found during construction that needed to be added for safety. <u>Reason #4:</u> CM #4 includes an increase of \$45,305.00 for Embankment, CIP. This was necessary as additional fill was hauled into the project to build the proposed cross section per the contract documents as an inadequate quantity of fill material was estimated during design of this project. Reasons 1-4 account for \$60,550.33, or 76% of the total project cost increases.
Bay	79609	123794	Intersection improvements including hot mix asphalt surface removal, cold milling, and paving, radius improvements, culvert replacement, slope restoration, and permanent signing on Ormes Road at Bray Road, Tuscola County.	McKerchie Enterprises, Inc.	\$103,805.04	\$114,674.51	\$10,869.47	10.47%	10/5/2015	10/30/2015	10/30/2015	5/3/2016	C	<u>Reason #1:</u> CM #1 includes an increase of \$7,249.14 for item HMA,13A. Additional HMA was removed to facilitate the removal and installation of the cross culverts. The additional HMA was removed to make a more improved approach on both legs of Ormes Road. Reasons 1 accounts for \$7,249.14, or 67% of the total project cost increases.
Bay	37555	89713	0.95 mi of hot mix asphalt resurfacing, base crushing and shaping, aggregate shoulders, peat excavation, swamp backfill, drainage, and slope restoration on Winn Road from north of Wing Road to south of Saratoga Springs Drive, Isabella County.	Wonsey Tree Service, Inc.	\$631,151.43	\$773,440.22	\$142,288.79	22.54%	4/9/2012	7/31/2012	9/4/2012	6/21/2016	C	<u>Reason #1:</u> CM #4 includes increases totaling \$47,013.94 for additional peat excavation and swamp backfill. This was necessary due to unknown field conditions that were not found in initial soil borings. <u>Reason #2:</u> CM #6 includes increases totaling \$97,282.11 for a claim resolution regarding additional costs and work incurred by the contractor for peat excavation and swamp backfill not shown on the plans. A claim meeting was held at Mt. Pleasant TSC and a resolution was made which also included an adjustment to traffic control items. Reasons 1-2 account for \$144,296.05, or 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, August 2016	\$100,634,167.16	\$102,325,313.45	1.68%
July 2016	\$23,838,647.77	\$23,969,156.12	0.55%
2016 Fiscal Year	\$620,055,958.32	\$623,498,104.28	0.56%

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	\$475,675,326.44	\$480,006,998.26	0.91%

MDOT

CONSTRUCTION PROJECTS FINALED IN JULY 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				
\$23,838,647.77					\$21,398,332.32					\$2,440,315.45				
Total Over the Original Cost					Total Over the Original Cost					Total Over the Original Cost				
130,508.35					128,632.78					1,875.57				
Projects Finalized This Month (17 Total)					Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent	# of Jobs Over 10%	# of Jobs Under				
					23,838,647.77	23,969,156.12	130,508.35	0.55%	0	12				
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	7/25/2016	NH	29014	119184A	915,078.86	896,388.33	(18,690.53)	-2.04%		5/26/2015	10/2/2015	10/19/2015	17	M
Bay	7/27/2016	ST	74022	110929A	706,268.56	673,329.92	(32,938.64)	-4.66%		6/1/2015	10/1/2015	6/1/2016	243	M
Bay	7/25/2016	STG	84914	117048A	1,847,667.98	1,788,670.88	(58,997.10)	-3.19%		6/1/2015	11/13/2015	5/1/2016	169	M
Grand	7/12/2016	NH	41131	110039A	713,724.91	724,166.74	10,441.83	1.46%		6/13/2015	8/17/2015	2/16/2016	183	M
Metro	7/19/2016	RRRF	50092	116508A	1,797,454	1,567,017	(230,436.95)	-12.82%		6/8/2015	8/30/2015	10/19/2015	50	M
Metro	7/18/2016	ST	77091	123936A	512,205.00	500,291.34	(11,913.66)	-2.33%		7/22/2015	8/31/2015	9/15/2015	15	M
Metro	7/27/2016	TIP	82111	111639A	10,583,914.00	11,259,817.00	675,903.00	6.39%		9/4/2012	9/20/2014	9/10/2015	356	M
Metro	7/19/2016	HSIP	82112	116743A	84,371.81	63,227.26	(21,144.55)	-25.06%		4/8/2015	8/1/2015	6/8/2015	-53	M
Metro	7/19/2016	HSIP	82143	116738A	106,552.67	90,101.34	(16,451.33)	-15.44%		4/8/2015	8/1/2015	6/8/2015	-53	M
Metro	7/29/2016	STG	84917	111843A	1,368,086.73	1,376,152.93	8,066.20	0.59%		5/18/2015	5/27/2016	5/27/2016	0	M
North	7/25/2016	M	69011	M21550	586,512.07	581,209.32	(5,302.75)	-0.90%		8/11/2015	10/9/2015	9/25/2015	-14	M
North	7/19/2016	STG	84912	111575A	786,510.03	785,002.30	(1,507.73)	-0.19%		9/8/2014	11/7/2014	6/1/2015	205	M
Southwest	7/19/2016	HSIP	80012	121154A	79,296.54	63,743.04	(15,553.50)	-19.61%		4/19/2016	6/10/2016	5/19/2016	-22	M
Southwest	7/19/2016	IM	80024	124021A	841,283.39	688,635.94	(152,647.45)	-18.14%		4/18/2016	11/6/2015	5/19/2016	194	M
Southwest	7/19/2016	HSIP	84915	125499A	387,038.80	391,306.84	4,268.04	1.10%		6/2/2015	11/1/2015	11/1/2015	0	M
Southwest	7/19/2016	HSIP	84925	116708A	82,367.20	77,905.10	(4,462.10)	-5.42%		4/19/2016	6/10/2016	5/19/2016	-22	M
University	7/29/2016	IMG	84916	108889A	2,440,315.45	2,442,191.02	1,875.57	0.08%		11/10/2011	8/31/2012	7/17/2014	685	C
					Original			Final	Over/Under %					
					All MDOT	\$23,838,647.77	All MDOT Proj	\$23,969,156.12	0.55%					
					MDOT/MDOT	\$21,398,332.32	MDOT Des.	\$21,526,965.10	0.60%					
					MDOT/Cons.	\$2,440,315.45	Cons. Designed	\$2,442,191.02	0.08%					

4

LOCAL

CONSTRUCTION PROJECTS FINALED IN JULY 2016

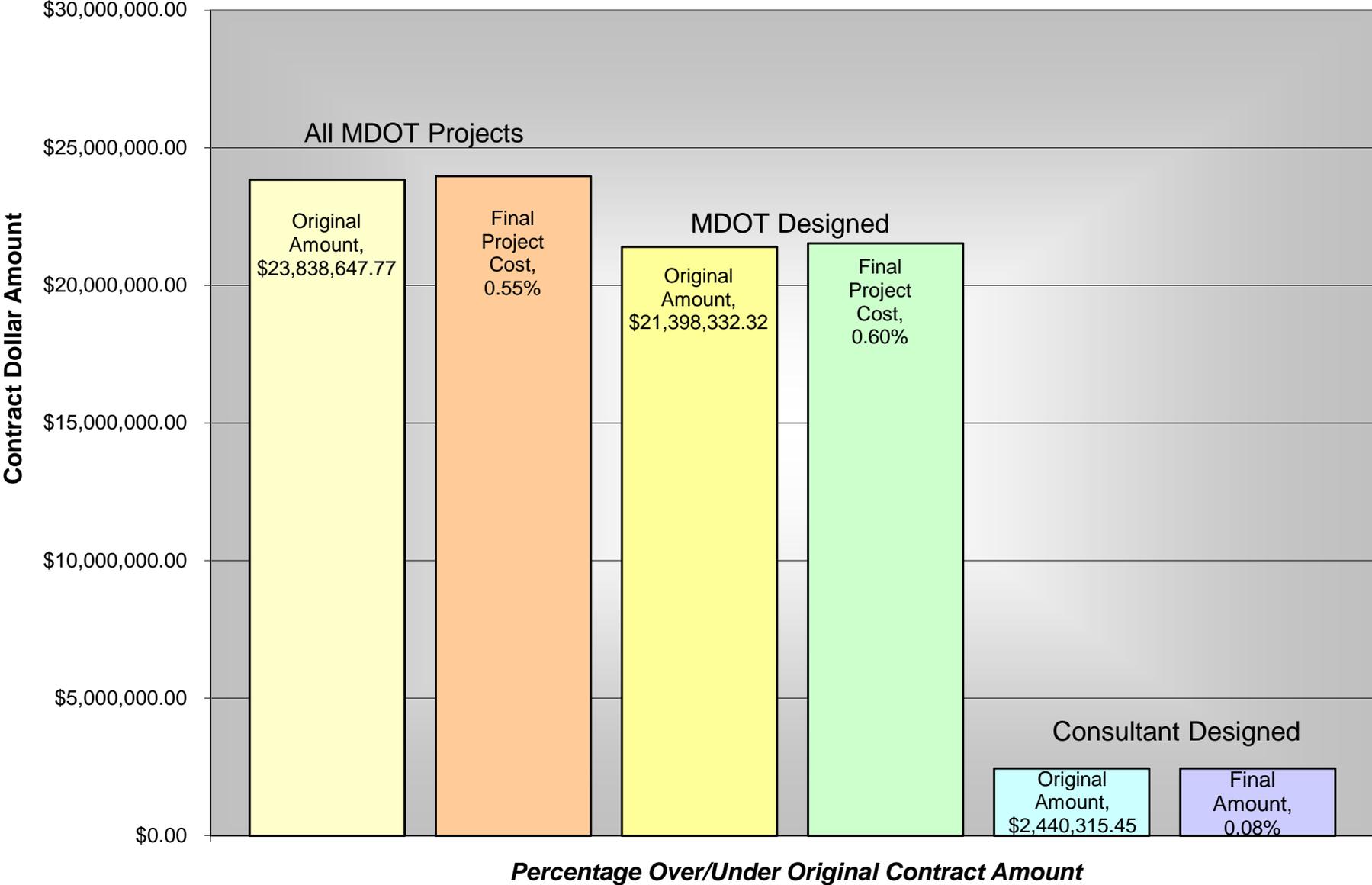
LOCAL PROJECTS FINALED THIS MONTH (33 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				36,332,182.29	34,652,679.26	(1,679,503.03)	-4.62%	3	22	
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
7/18/2016	STH	14609	113578A	149,231.37	207,771.37	58,540.00	39.23%	*	4/28/2014	L
7/14/2016	BHO	25018	118514A	638,055.25	608,147.38	(29,907.87)	-4.69%		7/20/2015	C
7/29/2016	STU	25049	121491A	1,492,006.41	1,218,351.86	(273,654.55)	-18.34%		4/6/2015	C
7/12/2016	HSIP	25609	120254A	680,965.70	636,284.10	(44,681.60)	-6.56%		7/30/2015	C
7/6/2016	STE	33065	115191A	2,569,129.52	2,850,274.87	281,145.35	10.94%	*	12/2/2013	C
7/14/2016	BRO	37006	115731A	567,462.85	561,230.39	(6,232.46)	-1.10%		5/23/2014	C
7/14/2016	BRO	37006	115724A	602,010.66	608,777.32	6,766.66	1.12%		5/23/2014	C
7/19/2016	STUL	39405	108261A	2,384,571.86	1,286,061.14	(1,098,510.72)	-46.07%		4/1/2013	C
7/27/2016	TAU	41401	127064A	274,731.00	237,401.04	(37,329.96)	-13.59%		9/28/2015	L
7/19/2016	STL	43400	126887A	515,449.00	507,169.87	(8,279.13)	-1.61%		6/22/2015	C
7/29/2016	STH	44609	118864A	500,336.32	636,133.39	135,797.07	27.14%	*	7/17/2014	C
7/25/2016	BRO	50006	115619A	1,317,596.06	1,271,220.47	(46,375.59)	-3.52%		8/25/2015	L
7/6/2016	CMG	50400	127494A	316,803.35	316,889.17	85.82	0.03%		2/9/2016	L
7/19/2016	STU	50458	126615A	398,652.19	367,221.99	(31,430.20)	-7.88%		8/19/2015	C
7/19/2016	STU	50458	122763A	1,969,330.62	1,877,604.66	(91,725.96)	-4.66%		7/8/2014	C
7/15/2016	CM	63022	116744A	172,788.44	170,486.00	(2,302.44)	-1.33%		4/17/2015	C
7/19/2016	STG	63132	126455A	158,230.00	167,758.50	9,528.50	6.02%		6/15/2015	C
7/14/2016	TAU	63459	121788A	151,182.67	144,927.55	(6,255.12)	-4.14%		6/2/2015	C
7/19/2016	STU	63459	126567A	6,176,959.32	6,228,792.36	51,833.04	0.84%		6/15/2015	C
7/29/2016	BRT	70014	115693A	1,115,295.75	1,096,522.15	(18,773.60)	-1.68%		3/2/2015	C
7/12/2016	STL	73145	119175A	1,478,983.69	1,308,905.31	(170,078.38)	-11.50%		6/8/2015	C
7/25/2016	STUL	73404	120715A	1,346,812.86	1,457,655.26	110,842.40	8.23%		7/7/2015	C
7/25/2016	ER	73404	127128A	281,050.94	292,171.97	11,121.03	3.96%		8/24/2015	C
7/19/2016	STU	77475	126771A	721,171.36	760,210.33	39,038.97	5.41%		6/29/2015	L
7/19/2016	BRT	81013	115681A	1,092,196.69	1,058,064.87	(34,131.82)	-3.13%		3/2/2015	C

LOCAL

CONSTRUCTION PROJECTS FINALED IN JULY 2016

LOCAL PROJECTS FINALED THIS MONTH (33 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				36,332,182.29	34,652,679.26	(1,679,503.03)	-4.62%	3	22	
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
7/19/2016	STL	81475	125087A	379,997.84	386,421.93	6,424.09	1.69%		3/2/2015	C
7/12/2016	CM	82400	117609A	396,598.48	384,824.10	(11,774.38)	-2.97%		3/24/2014	C
7/12/2016	SUG	82457	123176A	370,139.88	334,515.23	(35,624.65)	-9.62%		9/24/2014	L
7/12/2016	SUG	82457	123175A	471,728.29	427,789.96	(43,938.33)	-9.31%		9/5/2014	L
7/12/2016	STU	82457	126952A	953,970.00	926,988.41	(26,981.59)	-2.83%		7/13/2015	L
7/25/2016	NH	82457	126995A	2,908,696.20	2,764,901.41	(143,794.79)	-4.94%		6/22/2015	L
7/25/2016	STU	82457	126769A	518,872.16	428,252.35	(90,619.81)	-17.46%		6/9/2015	C
7/25/2016	EDC	82544	125969A	3,261,175.56	3,122,952.55	(138,223.01)	-4.24%		4/27/2015	C

MDOT Construction Projects Finaled July 2016



MDOT

CONSTRUCTION PROJECTS FINALED IN AUGUST 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				
\$100,634,167.16					\$97,538,022.75					\$3,096,144.41				
Total Over the Original Cost					Total Over the Original Cost					Total Over the Original Cost				
1,691,146.29					1,520,842.10					170,304.19				
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				
					100,634,167.16	102,325,313.45	1,691,146.29	1.68%	0	8				
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.
Grand	8/22/2016	CM	41063	122666A	1,103,538.20	1,001,222.90	(102,315.30)	-9.27%		6/8/2015	9/3/2015	4/26/2016	234	M
Grand	8/22/2016	NH	41063	118134A	1,768,799.31	1,700,331.78	(68,467.53)	-3.87%		6/8/2015	9/3/2015	4/26/2016	234	M
Metro	8/17/2016	IM	63172	123144A	4,642,169.43	4,918,532.96	276,363.53	5.95%		4/15/2015	10/15/2015	5/12/2016	209	M
Metro	8/29/2016	IMG	82023	113328A	627,621.38	601,117.40	(26,503.98)	-4.22%		4/29/2015	9/30/2015	9/18/2015	-12	C
Metro	8/2/2016	NH	82102	118749A	5,444,468.74	5,806,742.46	362,273.72	6.65%		4/28/2015	8/1/2015	11/5/2015	96	M
Metro	8/29/2016	ST	82111	108169A	852,038.41	788,090.07	(63,948.34)	-7.51%		10/22/2013	8/29/2014	6/15/2015	290	M
Metro	8/22/2016	NH	82111	118748A	2,468,523.03	2,665,331.20	196,808.17	7.97%		4/22/2014	6/13/2014	11/9/2015	515	C
Metro	8/29/2016	ST	82112	106662A	1,475,308.67	1,371,689.88	(103,618.79)	-7.02%		10/22/2013	8/29/2014	6/15/2015	290	M
Metro	8/22/2016	ST	82122	103729A	1,833,951.63	1,816,312.65	(17,638.98)	-0.96%		8/6/2013	8/15/2014	10/16/2015	429	M
Metro	8/31/2016	AR	82193	76902A	71,334,854.90	73,047,012.35	1,712,157.45	2.40%		1/6/2011	11/15/2013	5/13/2016	910	M
Metro	8/22/2016	ST	82194	108133A	1,701,928.46	1,667,753.20	(34,175.26)	-2.01%		8/6/2013	8/15/2014	10/16/2015	429	M
North	8/9/2016	NH	72014	106863A	6,726,465.00	6,286,676.60	(439,788.40)	-6.54%		7/7/2014	10/15/2014	12/5/2014	51	M
Superior	8/15/2016	ST	84921	129403A	654,500.00	654,500.00	0.00	0.00%		5/31/2016	7/29/2016	7/27/2016	-2	M
					Original	Final	Over/Under %							
All MDOT					\$100,634,167.16	All MDOT Proj	\$102,325,313.45	1.68%						
MDOT/MDOT					\$97,538,022.75	MDOT Des.	\$99,058,864.85	1.56%						
MDOT/Cons.					\$3,096,144.41	Cons. Designed	\$3,266,448.60	5.50%						

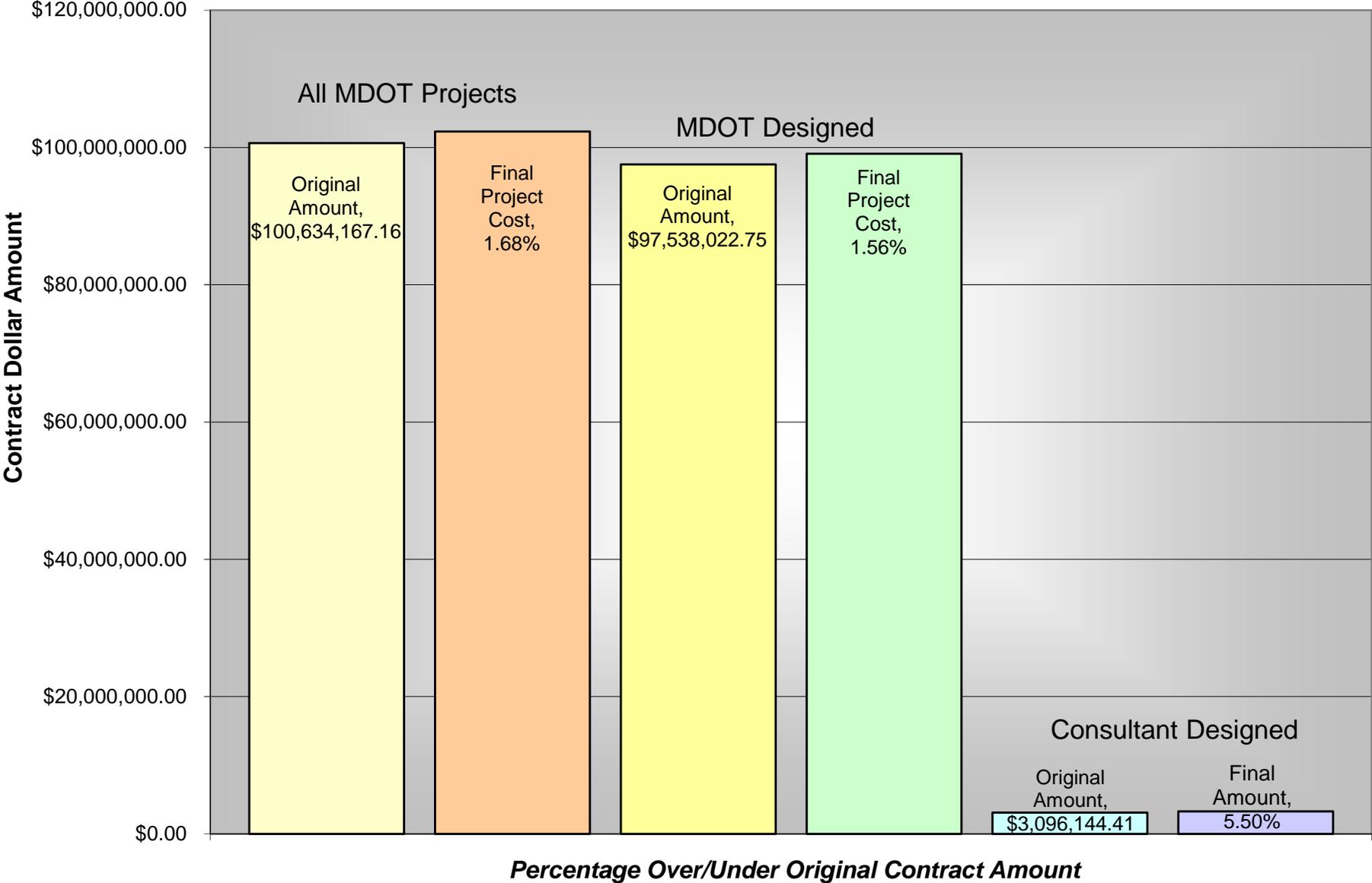
8

LOCAL

CONSTRUCTION PROJECTS FINALED IN AUGUST 2016

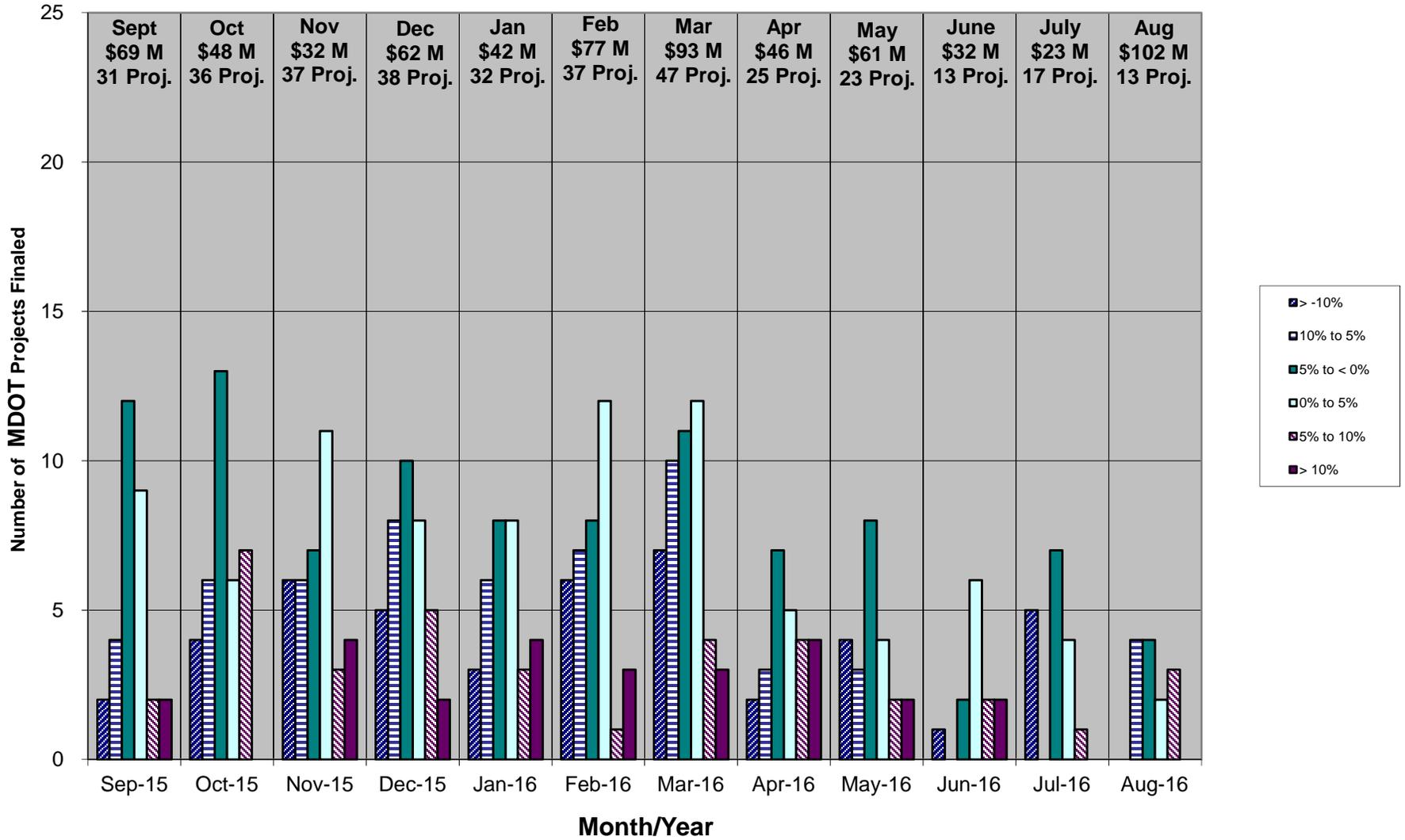
LOCAL PROJECTS FINALED THIS MONTH (22 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT		# OF JOBS OVER 10%	#OF JOBS UNDER
				20,515,105.37	20,422,456.14	(92,649.23)	-0.45%		3	11
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
8/2/2016	STL	15555	119358A	811,126.85	783,314.50	(27,812.35)	-3.43%		8/19/2015	C
8/22/2016	STUL	17419	117228A	476,681.35	530,497.71	53,816.36	11.29%	*	6/29/2015	C
8/15/2016	BRO	23003	118673A	694,961.44	681,061.81	(13,899.63)	-2.00%		7/8/2015	C
8/22/2016	EDD	23555	120511A	1,785,782.90	1,708,695.68	(77,087.22)	-4.32%		7/23/2015	L
8/17/2016	STU	25049	121373A	946,922.35	816,906.06	(130,016.29)	-13.73%		6/1/2015	C
8/17/2016	STU	25049	121372A	971,098.22	977,283.05	6,184.83	0.64%		6/1/2015	C
8/23/2016	STL	26141	109971A	225,026.60	234,721.21	9,694.61	4.31%		4/29/2016	C
8/4/2016	HSIP	26609	127382A	391,482.94	390,567.74	(915.20)	-0.23%		3/30/2016	C
8/15/2016	STL	29057	123477A	104,006.74	102,908.97	(1,097.77)	-1.06%		5/31/2016	L
8/9/2016	STH	33609	119607A	974,273.07	1,049,615.96	75,342.89	7.73%		8/28/2014	L
8/24/2016	STL	40555	105603A	391,117.63	391,001.43	(116.20)	-0.03%		6/23/2014	C
8/24/2016	STH	40555	119599A	290,676.43	302,818.58	12,142.15	4.18%		6/23/2014	C
8/15/2016	STU	41481	124558A	805,583.25	689,651.37	(115,931.88)	-14.39%		9/14/2015	L
8/31/2016	STL	54555	116172A	209,432.84	203,359.67	(6,073.17)	-2.90%		5/20/2016	C
8/23/2016	MCS	56002	115737A	1,533,089.04	1,538,298.05	5,209.01	0.34%		6/1/2015	C
8/29/2016	STU	63459	123186A	1,011,802.61	1,135,940.62	124,138.01	12.27%	*	8/20/2014	C
8/9/2016	STU	63459	123218A	2,818,623.83	2,541,186.85	(277,436.98)	-9.84%		4/6/2015	C
8/24/2016	BRO	77010	112291A	924,288.88	967,621.70	43,332.82	4.69%		8/19/2014	L
8/24/2016	STL	77475	126621A	550,484.64	553,655.02	3,170.38	0.58%		6/10/2015	L
8/24/2016	STL	77475	126865A	375,140.58	376,470.37	1,329.79	0.35%		6/10/2015	L
8/22/2016	STU	77475	123183A	2,045,168.24	2,371,721.68	326,553.44	15.97%	*	7/22/2015	L
8/29/2016	TAU	81161	121673A	2,178,334.94	2,075,158.11	(103,176.83)	-4.74%		9/8/2014	C

MDOT Construction Projects Finaled August 2016



MDOT Number of Projects Completed under/over Budget

(Final Contract Amount - Original Contract Amount = Over/Under Value)



**AUDITOR'S REPORT
FF-16-002**

**SIX-MONTH FINANCIAL AUDIT FOLLOW-UP
MICHIGAN DEPARTMENT OF TRANSPORTATION**

**STATE TRANSPORTATION COMMISSION MEETING
September 22, 2016**

EXHIBIT C

STATE TRANSPORTATION COMMISSION

**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**



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
STATE TRANSPORTATION COMMISSION
LANSING



September 22, 2016

OFFICE OF COMMISSION AUDITS
SIX-MONTH FINANCIAL AUDIT FOLLOW-UP REPORT

State Transportation Commissioners:

Guidance Document 10044, *Processing Audit Requests and Auditor's Reports on Contractual Agreements*, provides for processing auditor's reports within 120 days of the date the reports are issued. As of September 13, 2016, we have not identified any entities for which an auditor's report was not processed within the required timeline.

Office of Commission Audits

Office of Commission Audits
Jack Cotter, CPA, CGMA
Commission Auditor

FF-16-002

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

DIRECTOR - DEPARTMENT OF TRANSPORTATION

AGENDA

September 8, 2016

CONTRACTS

1. ***EXECUTIVE - TRAC Scholarships**

Contract (2016-0455) between MDOT and Michigan Technological University will provide one-time university scholarships for students who successfully complete Transportation and Civil Engineering (TRAC) Program summer internships with MDOT, choose to study civil engineering at the university, and are accepted by the university. The TRAC Program integrates transportation and civil engineering concepts into middle and high school science, mathematics, and social science classes to engage students in real world applications, problem solving, and critical thinking and to encourage them to consider careers in transportation and civil engineering. For each academic year of the contract, the university will provide one-time scholarships of \$2,500 each for up to three students. The contract will be in effect from the date of award through four years. The maximum contract amount will be \$30,000. Source of Funds: 100% Michigan Technological University Funds.

2. ***FINANCE & ADMINISTRATION - FY 2017 Interfund Transfer**

Memorandum of Understanding (MOU) (2017-0209) between MDOT and the Michigan Office of the Auditor General will provide funding to support the costs of auditing services provided by the Michigan Office of the Auditor General to MDOT for fiscal year 2017. The MOU will be in effect from October 1, 2016, through September 30, 2017. The MOU amount will be \$1,118,600. Source of Funds: State Restricted Trunkline Funds - \$733,500; State Restricted Michigan Transportation Funds - \$315,800; State Restricted Comprehensive Transportation Funds - \$39,000; State Restricted Aeronautics Funds - \$30,300

3. ***FINANCE & ADMINISTRATION – FY 2017 Interfund Transfer**

Memorandum of Understanding (MOU) (2017-0210) between MDOT and the Michigan Department of Technology, Management and Budget (DTMB) will provide funding to support the costs of central administrative and support services and Michigan Administrative Information Network (MAIN) support services provided by DTMB to MDOT for fiscal year 2017. The MOU will be in effect from October 1, 2016, through September 30, 2017. The MOU amount will be \$2,304,200. Source of Funds: State Restricted Trunkline Funds - \$2,134,600; State Restricted Comprehensive Transportation Funds - \$73,500; State Restricted Aeronautics Funds - \$58,300; Blue Water Bridge Funds - \$37,800.

4.-17. PASSENGER TRANSPORTATION – Section 5311 Operating Assistance

The following project authorizations issued under master agreements between MDOT and the following agencies will provide FY 2016 Federal Section 5311 Formula Grants for Rural Areas Program operating funds for a portion of the FY 2017 public transportation services. Payment to the local agencies will not exceed 18.5 percent of their final eligible expenses. The authorizations will be in effect from October 1, 2016, through September 30, 2017. The authorizations will be retroactive due to the effective dates matching the federal grant effective date. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$227,839.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
4.	2017-0002/1	Adrian, City of	\$20,443
5.	2017-0017/1	Bay Metropolitan Transportation Authority (Arenac County)	\$24,557
6.	2017-0019/1	Belding, City of	\$10,885
7.	2017-0030/1	Central County Transportation Authority (Kalamazoo County)	\$ 4,887
8.	2017-0046/1	Dowagiac, City of	\$10,439
9.	2017-0047/1	Eastern Upper Peninsula Transportation Authority (Chippewa County)	\$22,485
10.	2017-0057/1	Greenville, City of	\$16,598
11.	2017-0059/1	Hancock, City of	\$12,542
12.	2017-0063/1	Hillsdale, City of	\$18,207
13.	2017-0071/1	Ionia, City of	\$24,101
14.	2017-0076/1	Jackson Area Transportation Authority	\$24,092
15.	2017-0121/1	Saginaw Transit Authority Regional Services	\$10,787
16.	2017-0124/1	Sault Ste. Marie, City of	\$20,579
17.	2017-0141/1	Buchanan, City of	\$ 7,237

18.-27. PASSENGER TRANSPORTATION - Specialized Services Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state funding for the FY 2017 Specialized Services Program, which furnishes operating assistance for transportation services for elderly individuals and individuals with disabilities. The funds will be used for eligible specialized services providers or public transit systems. Reimbursement is based on \$1.20 per vehicle mile, \$4.07 per one-way passenger trip, or \$0.29 per vehicle mile for volunteer driver trips. The authorizations will be in effect from October 1, 2016, through September 30, 2017. The total amount of the authorizations will be \$178,236. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2017 State Restricted Comprehensive Transportation Funds - \$178,236.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
18.	2017-0005/3	ALTRAN Transit Authority (Alger County)	\$18,763
19.	2017-0011/1	Baraga County Board of Commissioners	\$14,672
20.	2017-0056/2	Greater Lapeer Transportation Authority	\$18,216
21.	2017-0071/3	Ionia, City of	\$21,507
22.	2017-0080/3	Lenawee County Board of Commissioners	\$15,449
23.	2017-0085/1	Mackinac County Board of Commissioners	\$22,842
24.	2017-0102/1	Missaukee County Commission on Aging	\$17,300
25.	2017-0103/1	Montcalm County Board of Commissioners	\$13,749
26.	2017-0128/3	St. Joseph County Transportation Authority	\$18,690
27.	2017-0140/2	Yates Township (Lake County)	\$17,048

28.-29. PASSENGER TRANSPORTATION - Section 5310 Program (New Freedom Activities)

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state and local matching funds for the FY 2017 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant for mobility management and operating assistance. The authorizations will be in effect from October 1, 2016, through September 30, 2017. The total amount of the authorizations will be \$37,042. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$23,921; FY 2017 State Restricted Comprehensive Transportation Funds - \$3,600; Local Funds: \$9,521.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
28.	2017-0020/2	Benzie Transportation Authority	\$18,000
29.	2017-0028/2	Caro Transit Authority	\$19,042

30. PASSENGER TRANSPORTATION - Master Agreement
 Master Agreement (2017-0060) between MDOT and Handicappers Information Council & Patient Equipment Locker, Inc., in Gratiot County, will set forth the terms and conditions that will govern all project authorizations to be issued for program years FY 2017 through FY 2021. The master agreement does not contain funding or project approvals. Each project authorization that is issued will contain the specific work to be performed, the funding source, and the term. The master agreement will be in effect from October 1, 2016, until the last obligation between the parties has been fulfilled.

31.-32. PASSENGER TRANSPORTATION – Section 5311 Operating Assistance
 The following project authorizations issued under master agreements between MDOT and the following agencies will provide FY 2017 Federal Section 5311 Formula Grants for Rural Areas Program operating funds for a portion of the FY 2016 public transportation services. The funds will be used to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The authorizations will be in effect from October 1, 2016, through September 30, 2017. The authorizations will be retroactive due to the effective dates matching the federal grant effective date. The total amount of the authorizations will be \$41,376. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$20,688; State Restricted Comprehensive Transportation Funds - \$20,688.

	<u>Agreement</u>	<u>Agency</u>	<u>Total</u>
31.	2017-0078/2	Key Opportunities, Inc. (Hillsdale County)	\$21,376
32.	2017-0094/2	Mecosta Osceola Transit Authority	\$20,000

33. RAIL - Railroad Structure Agreement
 Contract (2016-0456) between MDOT and Norfolk Southern Railway Company will establish the construction and maintenance responsibilities for the deck replacement and various crashwall upgrades on the existing I-75 grade separation over the railroad and the Rouge River in the City of Detroit, Wayne County, Michigan. The agreement will provide funding for the railroad to perform preliminary and construction engineering to support MDOT’s project. Funding for this project is provided by federal and state funds. The project cost is estimated at \$90,785. Source of Funds: Federal Railroad Administration Funds - \$74,307.52; State Restricted Michigan Transportation Funds - \$16,477.48.

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

Kirk T. Steudle
 Director

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE
STATE ADMINISTRATIVE BOARD

T&NR Meeting: August 23, 2016 – Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM
State Administrative Board Meeting: August 30, 2016 – Lake Superior Room,
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. EXECUTIVE (Office of Economic Development) - IDS SR2S Program
Authorization (22) under Contract (2012-0730) between MDOT and the Michigan Fitness Foundation will provide for program development, project management, education/outreach, and technical assistance services for schools, communities, and partner agencies for the Federal Safe Routes to School (SR2S) Program for fiscal year 2017. The authorization will be in effect from October 1, 2016, through September 30, 2017. The authorization amount will be \$446,945.25. The contract term is October 1, 2012, through September 30, 2017. Source of Funds: 100% Federal SR2S Program Funds.
2. HIGHWAYS – IDS University Research Services
Authorization (2) Revision (2) under Contract (2013-0065) between MDOT and Lawrence Technological University (LTU) will provide for the performance of additional services, will increase the contract amount by \$188,191.47, and will extend the contract term by one year to provide sufficient time for LTU to complete the services. The additional services will include establishing a detailed performance profile for the proposed carbon fiber reinforced polymer (CFRP) prestressed bridge superstructures. The original authorization provides for an evaluation of CFRP as an alternative to steel as a reinforcing and prestressing material in bridges. The revised authorization term will be October 1, 2013, through September 30, 2018. The revised authorization amount will be \$880,005.52. The contract term is January 2, 2013, through September 30, 2018. Source of Funds: 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds.

3. *HIGHWAYS – Increase Services and Amount
 Amendatory Contract (2015-0310/A2) between MDOT and Cambridge Systematics, Inc., will provide for the performance of additional services and will increase the contract amount by \$252,859.30. The additional services will include facilitating and documenting workshop outcomes, and developing materials for the Transportation Systems Management & Operations (TSM&O) implementation plan. The original contract provides for the development of a TSM&O business case document and the development of a plan for TSM&O program and budget implementation (CS 84900 - JN 128182). The contract term remains unchanged, August 12, 2015, through August 11, 2017. The revised contract amount will be \$506,050.81. Source of Funds: 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds.
4. HIGHWAYS – IDS University Research Services
 Authorization (2) under Contract (2016-0068) between MDOT and the Regents of the University of Michigan will provide for a study of asset management of retaining walls. The objectives of the study are to establish a quantitative approach for assessing, analyzing, and rating in-service retaining walls. The authorization will be in effect from the October 1, 2016, through July 31, 2018. The authorization amount will be \$310,675.55. The contract term is January 11, 2016, through January 10, 2020. Source of Funds: 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds.
5. *HIGHWAYS – Structural Engineering Services
 Contract (2016-0432) between MDOT and Parsons Transportation Group, Inc., of Michigan will provide for structural engineering services to be performed for MDOT's portion of the Blue Water Bridge in Port Huron, Michigan (CS 77111 – JN 131158). The work items will include inspections, structural design services, emergency repair consultation, and the generation of studies and reports. The contract will be in effect from the date of award through August 31, 2019. The contract amount will be \$429,852.30. Source of Funds: 100% State Restricted Trunkline Funds.
- 6.-63. HIGHWAYS (Maintenance) - State Trunkline Maintenance
 The following contracts between MDOT and the following county road commissions will provide for statewide trunkline maintenance to be performed for a five-year period. The contracts will be in effect from October 1, 2016, through September 30, 2021.
- Public Act (PA) 17 of 1925 authorizes MDOT to contract with cities, villages, and boards of county road commissioners for the construction, improvement, and maintenance of state trunkline highways. Under the terms of the standard maintenance contracts, the cities, villages, and boards are reimbursed for audited labor, equipment rental, and material charges in accordance with the provisions of the contracts. These maintenance contracts were not competitively bid but were negotiated with the local units of government. MDOT has found that such negotiated agreements are in the public interest and has transmitted those findings in accordance with Section 11c of 1951 PA 51, MCL 247.66a(c).

These contracts will operate on a cost reimbursement basis, subject to final audit to actual costs. Billings are submitted by the counties on a monthly basis to be approved by the Regions. Actual work is planned by the Regions in cooperation with the counties. In general, the total amount for the maintenance budget is based on legislative appropriations; the Regions establish and administer the individual county budgets. Source of Funds: 100% State Restricted Trunkline Funds.

	<u>Contract</u>	<u>County Road Commission</u>
6.	2017-0145	Alcona County Road Commission
7.	2017-0146	Alger County Road Commission
8.	2017-0147	Alpena County Road Commission
9.	2017-0148	Antrim County Road Commission
10.	2017-0149	Arenac County Road Commission
11.	2017-0150	Bay County Road Commission
12.	2017-0151	Benzie County Road Commission
13.	2017-0152	Berrien County Road Commission
14.	2017-0153	Branch County Road Commission
15.	2017-0154	Charlevoix County Road Commission
16.	2017-0155	Cheboygan County Road Commission
17.	2017-0156	Chippewa County Road Commission
18.	2017-0157	Clare County Road Commission
19.	2017-0158	Clinton County Road Commission
20.	2017-0159	Crawford County Road Commission
21.	2017-0160	Delta County Road Commission
22.	2017-0161	Dickinson County Road Commission
23.	2017-0162	Emmet County Road Commission
24.	2017-0163	Genesee County Road Commission
25.	2017-0164	Gladwin County Road Commission
26.	2017-0165	Gogebic County Road Commission
27.	2017-0166	Grand Traverse County Road Commission
28.	2017-0167	Gratiot County Road Commission
29.	2017-0168	Hillsdale County Road Commission
30.	2017-0169	Huron County Road Commission
31.	2017-0170	Ionia County Road Commission
32.	2017-0171	Iosco County Road Commission
33.	2017-0172	Iron County Road Commission
34.	2017-0173	Keweenaw County Road Commission
35.	2017-0174	Lake County Road Commission
36.	2017-0175	Lapeer County Road Commission
37.	2017-0176	Leelanau County Road Commission
38.	2017-0177	Luce County Road Commission
39.	2017-0178	Manistee County Road Commission
40.	2017-0179	Marquette County Road Commission
41.	2017-0180	Mason County Road Commission
42.	2017-0181	Mecosta County Road Commission
43.	2017-0182	Menominee County Road Commission

* Denotes a non-standard contract/amendment

44. 2017-0183 Midland County Road Commission
45. 2017-0184 Missaukee County Road Commission
46. 2017-0185 Monroe County Road Commission
47. 2017-0186 Road Commission for Montcalm County
48. 2017-0187 Muskegon County Road Commission
49. 2017-0188 Newaygo County Road Commission
50. 2017-0189 Road Commission for Oakland County
51. 2017-0190 Oceana County Road Commission
52. 2017-0191 Ogemaw County Road Commission
53. 2017-0192 Ontonagon County Road Commission
54. 2017-0193 Otsego County Road Commission
55. 2017-0194 Ottawa County Road Commission
56. 2017-0195 Roscommon County Road Commission
57. 2017-0196 Sanilac County Road Commission
58. 2017-0197 Schoolcraft County Road Commission
59. 2017-0198 Shiawassee County Road Commission
60. 2017-0199 St. Clair County Road Commission
61. 2017-0200 Tuscola County Road Commission
62. 2017-0201 Washtenaw County Road Commission
63. 2017-0202 Wexford County Road Commission

64.-69.*HIGHWAYS (Maintenance) - State Trunkline Maintenance

The following contracts between MDOT and the following county road commissions will provide for statewide trunkline maintenance to be performed for a five-year period. The contracts will be in effect from October 1, 2016, through September 30, 2021.

Public Act (PA) 17 of 1925 authorizes MDOT to contract with cities, villages, and boards of county road commissioners for the construction, improvement, and maintenance of state trunkline highways. Under the terms of the standard maintenance contracts, the cities, villages, and boards are reimbursed for audited labor, equipment rental, and material charges in accordance with the provisions of the contracts. These maintenance contracts were not competitively bid but were negotiated with the local units of government. MDOT has found that such negotiated agreements are in the public interest and has transmitted those findings in accordance with Section 11c of 1951 PA 51, MCL 247.66a(c).

These contracts will operate on a cost reimbursement basis, subject to final audit to actual costs. Billings are submitted by the counties on a monthly basis to be approved by the Regions. Actual work is planned by the Regions in cooperation with the counties. In general, the total amount for the maintenance budget is based on legislative appropriations; the Regions establish and administer the individual county budgets. Source of Funds: 100% State Restricted Trunkline Funds.

- | | <u>Contract</u> | <u>County Road Commission</u> |
|-----|--|---------------------------------------|
| 64. | 2017- 0203 | Presque Isle County Road Commission |
| 65. | 2017-0204 | Kent County Road Commission |
| 66. | 2017-0205 | Macomb County Department of Roads |
| 67. | 2017-0206 | County of Wayne |
| 68. | 2017-0207 | Calhoun County Board of Commissioners |
| 69. | 2017-0208 | Jackson County Board of Commissioners |
| 70. | <u>*RAIL - Rail Passenger Operating</u> | |
| | Retroactive Contract (2016-0415) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide financial assistance for the daily operation of intercity rail passenger service between Port Huron, Lapeer, Flint, Durand, Lansing/East Lansing, Battle Creek, Kalamazoo, Dowagiac, and Niles, Michigan, and Chicago, Illinois; between Grand Rapids, Holland, Bangor, St. Joseph/Benton Harbor, and New Buffalo, Michigan, and Chicago, Illinois; and between Pontiac, Birmingham, Royal Oak, Detroit, Dearborn, Ann Arbor, Jackson, Albion, Battle Creek, Kalamazoo, Dowagiac, Niles, and New Buffalo, Michigan, and Michigan City, Indiana, Hammond-Whiting, Indiana, and Chicago, Illinois. The contract will also provide financial assistance for the use of Amtrak equipment pursuant to Section 209 of the Passenger Rail Investment and Improvement Act of 2008 (PRIIA). The contract will be in effect from October 1, 2015, through September 30, 2016. The contract amount will be \$8,370,876. Source of Funds: FY 2016 State Restricted Comprehensive Transportation Funds - \$8,370,876. | |
| 71. | <u>TRANSPORTATION PLANNING – Locally Preferred Analysis</u> | |
| | Authorization (16) under Master Agreement (2015-0004) between MDOT and the Grand Valley Metropolitan Council will provide for The Rapid to undertake a locally preferred analysis to identify the alignment for a third bus rapid transit line in the Grand Rapids metropolitan area. The Rapid is a public transit system for the Grand Rapids metropolitan area and beyond that is operated by the Interurban Transit Partnership under Michigan Public Act 196 of 1986. The authorization will be in effect from October 1, 2016, through September 30, 2017. The authorization amount will be \$437,500. The term of the master agreement is October 1, 2014, through September 30, 2017. Source of Funds: Federal Transit Administration Funds - \$350,000; State Restricted Trunkline Funds - \$87,500. | |
| 72. | <u>TRANSPORTATION PLANNING – Strategic Plan</u> | |
| | Authorization (20) under Master Agreement (2015-0009) between MDOT and the Southeast Michigan Council of Governments (SEMCOG) will provide for the Detroit Transportation Corporation to develop a 25 year strategic plan for the Detroit People Mover. The authorization will be in effect from September 15, 2016, through September 30, 2017. The authorization amount will be \$400,000. The term of the master agreement is October 1, 2014, through September 30, 2017. Source of Funds: Federal Transit Administration Funds - \$320,000; State Restricted Trunkline Funds - \$80,000. | |

73. TRANSPORTATION PLANNING – Comprehensive Capital Asset Analysis
Authorization (21) under Master Agreement (2015-0009) between MDOT and the Southeast Michigan Council of Governments (SEMCOG) will provide for the Suburban Mobility Authority for Regional Transportation (SMART) to perform a comprehensive capital asset analysis of its facilities. The authorization will be in effect from September 15, 2016, through September 30, 2017. The authorization amount will be \$385,000. The term of the master agreement is October 1, 2014, through September 30, 2017. Source of Funds: Federal Transit Administration Funds - \$308,000; SMART Funds - \$77,000.
74. TRANSPORTATION PLANNING – Comprehensive Operational Analysis
Authorization (22) under Master Agreement (2015-0009) between MDOT and the Southeast Michigan Council of Governments (SEMCOG) will provide for the Suburban Mobility Authority for Regional Transportation (SMART) to perform a comprehensive operational analysis of its transit system. The authorization will be in effect from September 15, 2016, through September 30, 2017. The authorization amount will be \$600,000. The term of the master agreement is October 1, 2014, through September 30, 2017. Source of Funds: Federal Transit Administration Funds - \$480,000; State Restricted Trunkline Funds - \$120,000.
75. TRANSPORTATION PLANNING – Environmental Review and Concept Development
Authorization (23) under Master Agreement (2015-0009) between MDOT and the Southeast Michigan Council of Governments (SEMCOG) will provide for the Ann Arbor Area Transportation Authority (AAATA) to perform an environmental review and to develop concepts details for The Connector project, a developing plan for high-capacity transit corridor service in Ann Arbor, in preparation for preliminary engineering and New Starts project application. The authorization will be in effect from September 15, 2016, through September 30, 2017. The authorization amount will be \$500,000. The term of the master agreement is October 1, 2014, through September 30, 2017. Source of Funds: Federal Transit Administration Funds - \$400,000; AAATA Funds - \$100,000.
76. TRANSPORTATION PLANNING – Ypsilanti Transit Center Study
Authorization (24) under Master Agreement (2015-0009) between MDOT and the Southeast Michigan Council of Governments (SEMCOG) will provide for the Ann Arbor Area Transportation Authority to work with a consultant to develop a plan for the renovation or relocation of the Ypsilanti Transit Center. The authorization will be in effect from September 15, 2016, through September 30, 2017. The authorization amount will be \$400,000. The term of the master agreement is October 1, 2014, through September 30, 2017. Source of Funds: Federal Transit Administration Funds - \$320,000; State Restricted Trunkline Funds - \$80,000.

SUB CONTRACTS

- | | | |
|-----|---|---|
| 77. | 2014-0362/S2
Mackinac Island Service Company
P.O. Box 1470
City of Mackinac Island, MI 49757 | Low Bid: \$785,196.99

3 yrs.: \$465,126.53
1 st optional yr. : \$160,035.23
2 nd optional yr. \$160,035.23 |
|-----|---|---|

Description of Work: Horse Drawn Sweeping and Flushing

Approval is requested to authorize the City of Mackinac Island to award a three-year subcontract for manual and horse drawn sweeping and flushing on M-185 in the City of Mackinac Island. The contract allows two optional one-year extensions. The project was advertised in many sources, but only one bid was received and 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 approval through December 31, 2021. Source of Funds: 100% State Restricted Trunkline Funds.

- | | | |
|-----|---|--|
| 78. | 2012-0543/S11
Hi-Tec Building Services, Inc.
6578 Roger Drive, Suite A
Jension, MI 49428 | Low Bid: \$257,130.90

1 yr.: \$ 85,710.30
1 st optional yr. : \$ 85,710.30
2 nd optional yr. \$ 85,710.30 |
|-----|---|--|

Description of Work: Maintenance of Rest Area

Approval is requested to authorize the Ottawa County Road Commission to award a one-year subcontract for the maintenance of the building and grounds of the Nunica Rest Area in Ottawa County. The contract allows two optional one-year extensions. The project was advertised, and two bids were received. The low bid failed to meet minimal requirements so it was rejected. The County has determined that the costs in the remaining bid were reasonable and competitive with costs in surrounding counties. The subcontract will be in effect from the date of approval through December 31, 2019. Source of Funds: 100% State Restricted Trunkline Funds.

BID LETTING PRE-APPROVAL

STATE PROJECTS

79. Letting of September 2, 2016 Prequalification Level:
Letting Call: 1609 026 **\$2,302,000.00**
Project: IM 82123-128945
Local Agreement:
Start Date: 10 days after award
Completion Date: June 13, 2017

7.53 mi of full-depth continuously reinforced concrete (CRC) pavement repairs, longitudinal joint repairs using asphalt repair mastic material and permanent pavement markings on I-96 from Roosevelt Road to M-39 in the city of Detroit, Wayne County.

6.00 % DBE participation required

BID LETTING POST-APPROVALS

STATE PROJECTS

80. Letting of August 5, 2016 Low Bid: **\$1,536,223.04**
Letting Call: 1608 042 Engineer Estimate: \$1,379,507.55
Project: IM 82023-131248 Pct Over/Under Estimate: 11.36 %
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

Bidder	As-Submitted	As-Checked	
Cipparrone Contracting, Inc.	\$1,536,223.04	Same	1 **
Major Cement Co.	\$1,671,199.59	Same	2
Florence Cement Company	\$1,699,946.33	Same	3
Fiore Enterprises LLC	\$1,942,514.98	Same	4

Total Number of Bidders: 4

* Denotes a non-standard contract/amendment

81. Letting of August 5, 2016
 Letting Call: 1608 045 Low Bid: **\$605,460.54**
 Project: M 82061-M71684 Engineer Estimate: \$507,617.42
 Local Agreement: Pct Over/Under Estimate: 19.27 %
 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

Bidder	As-Submitted	As-Checked	
Fort Wayne Contracting, Inc.	\$605,460.54	Same	1 **
Major Cement Co.	\$734,882.44	Same	2
Century Cement Company, Inc.	\$1,053,370.00	Same	3
Erie Construction, LLC	\$1,114,200.00	Same	4

Total Number of Bidders: 4

82. Letting of August 5, 2016
 Letting Call: 1608 051 Low Bid: **\$1,189,788.73**
 Project: M 82293-M71683 Engineer Estimate: \$911,776.90
 Local Agreement: Pct Over/Under Estimate: 30.49 %
 Start Date: 10 days after award
 Completion Date: November 1, 2016

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

Bidder	As-Submitted	As-Checked	
C & D Hughes, Inc.	\$1,189,788.73	Same	1 **
Cipparrone Contracting, Inc.	\$1,213,211.04	Same	2
Major Cement Co.	\$1,284,503.51	Same	3

Total Number of Bidders: 3

* Denotes a non-standard contract/amendment

83. Letting of August 5, 2016
 Letting Call: 1608 057 Low Bid: **\$779,820.95**
 Project: M 82062-M71602 Engineer Estimate: \$695,222.00
 Local Agreement: Pct Over/Under Estimate: 12.17 %
 Start Date: 10 days after award
 Completion Date: October 31, 2016

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

Bidder	As-Submitted	As-Checked	
Angelo Iafrate Construction Co.	\$779,820.95	Same	1 **
Florence Cement Company	\$822,942.73	Same	2
Major Cement Co.	\$834,338.65	Same	3
Erie Construction, LLC	\$956,271.43	Same	4
Fiore Enterprises LLC	\$1,214,653.48	Same	5

Total Number of Bidders: 5

LOCAL PROJECTS

84. Letting of August 5, 2016
 Letting Call: 1608 015 Low Bid: **\$1,552,429.39**
 Project: STU 82400-131202 Engineer Estimate: \$1,199,000.00
 Local Agreement: 16-5389 Pct Over/Under Estimate: 29.48 %
 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

Bidder	As-Submitted	As-Checked	
Cadillac Asphalt, L.L.C.	\$1,552,429.39	Same	1 **
Ajax Paving Industries, Inc.	\$1,684,639.43	Same	2

Total Number of Bidders: 2

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.

* Denotes a non-standard contract/amendment

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 8.19.16

Kirk T. Steudle
Director