

MICHIGAN STATE TRANSPORTATION COMMISSION
PUBLIC MEETING
AGENDA

DATE: Thursday, May 19, 2016

TIME: 10:30 a.m.

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

I. WELCOME

- Gordie Howe Bridge update – Andy Doctoroff
- Metro Region Update – Tony Kratofil
- Michigan Department of Transportation Director’s Report – Director Kirk Steudle

II. COMMISSION BUSINESS

- Minutes of March 24, 2016, Joint Meeting with Michigan Aeronautics Commission (**motion required**)
- Minutes of March 24, 2016, Commission Meeting (**motion required**)
- Office of Commission Audits Update – Jack Cotter (no motion required)
- Transportation Asset Management Council (TAMC) Appointment – Frank Raha (**motion required**)
- Resolution Authorizing the Issuance and Sale of State Trunk Line Fund Refunding Bonds and Grant Anticipation Refunding Notes – Myron Frierson (**motion and roll call vote 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 – Brad Wieferrich (**motion required**)
- Exhibit B: Construction Contracts – Jason Gutting (no motion required)

IV. INFORMATIONAL REPORTS

- Director’s Agenda, April 28, 2016 – Myron Frierson (no motion required)
- State Administrative Board Agenda, May 3, 2016 – Myron Frierson (no motion required)

V. PRESENTATIONS

- Transportation Asset Management Council (TAMC) 2015 Annual Report – Joanna Johnson (no motion required)
- Draft 2040 Michigan Transportation Plan – Dave Wresinski, Bradley Sharlow (no motion required)

VI. PUBLIC COMMENTS

VII. ADJOURNMENT

VIII. NEXT MEETING

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

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

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

JOINT PUBLIC MEETING
of the
MICHIGAN STATE TRANSPORTATION COMMISSION
and the
MICHIGAN AERONAUTICS COMMISSION

March 24, 2016, Aeronautics Administration Building, Lansing, Michigan

MEETING MINUTES

Members Present: Todd A. Wyett, State Transportation Commission (STC) Chairman
Angelynn A. Afendoulis, STC Commissioner
Ron J. Boji, STC Commissioner
Michael D. Hayes, STC Commissioner
George K. Heartwell, STC Commissioner
Charles F. Moser, STC Commissioner
Rick Fiddler, Michigan Aeronautics Commission (MAC) Chairman
Russ Kavalhuna, MAC Vice Chairman
Pete Kamarainen, MAC Commissioner
Roger Salo, MAC Commissioner
J. David VanderVeen, MAC Commissioner
Captain Joe Gasper, MAC Commissioner, Michigan Department of State
Police Designee
Brigadier General Len Isabelle, MAC Commissioner, Michigan
Department of Military and Veterans Affairs Designee
Kevin Jacobs, MAC Commissioner, Michigan Department of Natural
Resources Designee
Laura J. Mester, MAC Commissioner, Michigan Department of
Transportation Designee

Members Absent: None

Also Present: Kirk Steudle, Director, Michigan Department of Transportation (MDOT)
David Brickey, Assistant Attorney General, Transportation Division
Frank E. Raha, STC Commission Advisor
Phil Browne, Deputy STC Commission Advisor
Jack Cotter, Commission Auditor, Office of Commission Audits
Mary Fedewa, Executive Assistant, Office of Commission Audits
Michael Trout, Executive Administrator, MDOT Office of Aeronautics
Judy Baker, MAC Commission Assistant
Matt Brinker, MDOT Aeronautic Specialist
Steve Cook, MDOT Engineer of Operations and Maintenance
About 40 to 45 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 9:00 a.m.

- ***Michigan State Transportation Commission – Todd Wyett, Chairman***

STC Chair Wyett welcomed everyone and noted the joint meeting was last held two years ago. Then each STC commissioner introduced themselves.

- ***Michigan Aeronautics Commission – Rick Fiddler, Chairman***

MAC Chair Fiddler welcomed everyone and then each MAC commissioner introduced themselves.

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

Director Steudle welcomed everyone and started with a current traffic deaths update. He then discussed the Governor’s Executive Order 2015-8 regarding formation of 21st Century Infrastructure Commission. The 27-member advisory board is charged with assessing the current state of transportation, water, sewer, energy, and communications assets, and making recommendations by November 30, 2016. MDOT will be represented on the commission.

II. **PRESENTATIONS**

- ***Office of Aeronautics Report – Michael Trout***

Mr. Trout discussed aeronautic funding changes resulting from legislation enacted in December 2015 (PA 258-263 of 2015); and meteorological evaluation tower regulation enacted in March 2016 (PA 28 of 2016). He also gave an overview of pending State and federal legislation and its impact to Michigan. He then provided information about the MAC Annual Report to the Governor and other reports available on the MAC website (www.michigan.gov/aero). In addition, he highlighted upcoming aeronautics events around Michigan.

- ***Unmanned Aerial Systems Report – Matt Brinker and Steve Cook***

Mr. Brinker started the presentation talking about the history of unmanned aerial systems (UAS) and advances that have made them more popular. He then discussed the federal UAS Registration process and gave an overview of pending Michigan UAS legislation. Then Mr. Cook presented information about the possible use of UAS to benefit State transportation. The primary goals are to increase safety, save money, and increase efficiency. A research project to study the benefits is in progress, Phase I was completed in July 2015, Phase II will start in April 2016. A report about Phase I (“Evaluating the Use of Unmanned Aerial Vehicles for Transportation Purposes”) can be found on the MDOT website, www.michigan.gov/mdot [search for “RC-1616”].

III. **PUBLIC COMMENTS**

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

Joe Sontag, citizen

Mr. Sontag expressed his impression that the current system is less safe and segregates persons with disabilities.

Fred Wurtzel, Past President, National Federation of Blind of Michigan

Mr. Wurtzel noted that the ground transportation center (GTC) is 200 yards from the airport and is close to loud diesel aircraft engines, which makes it hard for a person who is blind to use their hearing to aid them in navigation. [This drop-off point has been in place since

September 2014.] The airport has since set up second stop only for persons with disabilities, which he believes violates the Americans with Disabilities Act (ADA) because it segregates persons with a disability.

Karla Hudson, citizen

Ms. Hudson is a frequent user of the Michigan Flyer. She noted that separate is not equal and that persons with disabilities should not have to identify that they have a disability. She also felt that other airports across the country treat persons with disabilities much better.

Ody Norkin, Michigan Flyer

Mr. Norkin noted that the Michigan Flyer is a private sector business. He provided each commission member a packet of information. He thought the original spot [prior to September 2014] was to be just for buses, but cars were also allowed to park there and that's what he believes caused the issue.

Brian Sadek, Wayne County Airport Authority

Mr. Sadek provided each commission member pictures of the drop-off locations. The original bus drop-off spot was moved to the GTC in order to separate personally-operated vehicles from buses. The new optional drop-off spot is closer for people to use, but is not a requirement for those with disabilities. He stated that both drop-off locations meet accessibility regulations. He invited commission members to visit and tour the area.

Donna Rose, citizen

Ms. Rose stated that she is part of a lawsuit, "Paul Palmer and Donna Rose vs Delta Airlines and WCAA." She noted the buses must first stop at the GTC and then stop at Door 402, so persons with disabilities must wait on the bus. She also talked about the lack of public transportation to get from the airport to Detroit or other areas in Michigan.

STC Chair Wyett noted that the State Transportation Commission sent a letter to the Wayne County Airport Authority in September of 2014, and he asked MDOT staff to follow up on the drop-off point topic.

IV. ADJOURNMENT OF JOINT MEETING

With no further business being before both commissions, STC Chair Wyett declared this meeting adjourned at 10:17 a.m. and noted that each commission will hold separate meetings after a short break.

V. REGULAR PUBLIC MEETINGS OF BOTH COMMISSIONS TO FOLLOW

- The STC met in the Commission Conference Room following this meeting, their minutes can be found on the Internet at www.michigan.gov/transcommission.
- The MAC met in the Auditorium following this meeting, their minutes can be found on the Internet at www.michigan.gov/aero.

MICHIGAN STATE TRANSPORTATION COMMISSION

PUBLIC MEETING

March 24, 2016

Aeronautics Administration Building, Lansing, Michigan

MEETING MINUTES

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

Members Absent: None

Also Present: Kirk Steudle, Director, Michigan Department of Transportation (MDOT)
David Brickey, Assistant Attorney General, Transportation Division
Frank E. Raha, Commission Advisor
Phil Browne, Deputy Commission Advisor
Myron Frierson, Director, MDOT Bureau of Finance and Administration
Brad Wieferich, Director, MDOT Bureau of Development
Brenda O'Brien, Engineer, MDOT Construction Field Services Division
Jack Cotter, Commission Auditor, Office of Commission Audits
Mary Fedewa, Executive Assistant, Office of Commission Audits
About 15 to 20 people were in the audience; a sign-in list is attached to the official minutes.

I. **WELCOME**

Chair Wyett called the meeting to order at 10:25 a.m.

II. **COMMISSION BUSINESS**

• ***Vice Chair Selection***

Chair Wyett announced that Commissioner Afendoulis has accepted the position of Vice Chair for the Commission.

• ***Tribute Resolution***

Chair Todd Wyett read a resolution tribute to Brenda O'Brien to recognize her for 28 years of valuable contributions to State transportation. [The resolution is posted on the Commission website, www.michigan.gov/transcommission.]

Chair Wyett and Director Steudle then left to attend another meeting. Vice Chair Afendoulis took over as officiate for the meeting.

• ***Minutes of January 21, 2016, Commission Meeting***

Vice Chair Afendoulis requested a motion regarding approval of the minutes for the State Transportation Commission meeting of January 21, 2016. Commissioner Hayes made a

motion to approve and Commissioner Moser supported. Vice Chair Afendoulis led a voice vote; Commissioner Heartwell abstained from the vote, all other members present voted in favor; **motion to approve carried.**

- ***Summary of Commission Materials – Jack Cotter***

Mr. Cotter gave an overview of the upcoming exhibits and provided observations about some of the items. He then provided information about a couple of recent corrective action plans in response to Office of Auditor General performance audits.

No motion required.

- ***Resolution Authorizing the Issuance and Sale of State Trunk Line Fund Refunding Bonds, 2016 Series – Myron Frierson***

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

Mr. Frierson gave an overview of the bond process. The Commission is authorized by statute to issue bonds for transportation purposes, then, according to the statute, the Legislature is provided a 30-day notification period prior to closing on a bond sale. Commission policy requires a minimum present-value savings of three percent for refinancing.

Currently MDOT has \$1.8 billion outstanding in three types of bonds. Today, MDOT is asking the Commission to approve refinancing a portion of 2007 and 2009 [Grant Anticipation Revenue Vehicle] GARVEE bonds, worth \$445 million (out of \$716 million outstanding), and State Trunk Line Bonds worth \$100 million (out of \$973 million outstanding). Refinancing is expected to save approximately \$80 million and exceeds the three percent savings requirement. Mr. Frierson asked for approval to issue the bonds.

Vice Chair Afendoulis requested a motion regarding both resolutions. Commissioner Hayes made a motion to approve both and Commissioner Boji supported. Commission Advisor Raha took a roll call vote, voting in favor were Vice Chair Afendoulis, Commissioner Boji, Commissioner Hayes, Commissioner Heartwell, and Commissioner Moser, opposed were none, absent was Chair Wyett; **motion to approve carried.**

III. **OVERSIGHT**

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

Mr. Frierson presented information on 16 agreements. Pending any questions, Mr. Frierson asked for approval of Exhibit A.

Vice Chair Afendoulis requested a motion regarding approval of Exhibit A. Commissioner Moser made a motion to approve and Commissioner Hayes supported. Vice Chair Afendoulis 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 295 state jobs and a total construction cost estimate of \$741 million.

At this point in the year, MDOT has let 105.4 percent of jobs anticipated and 104.9 percent of cost estimates. There were three lettings in March. Upcoming April lettings are currently advertising 77 projects. Exhibit A-1 lists 44 projects. Pending any questions, Mr. Frierson asked for approval of Exhibit A-1.

Vice Chair Afendoulis requested a motion regarding approval of Exhibit A-1. Commissioner Hayes made a motion to approve and Commissioner Boji supported. Vice Chair Afendoulis 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 three projects that were over the engineer's estimate or had only one bidder. Justification memos were provided also for two projects where the low bid exceeded the engineer's estimate by more than ten percent; the Office of Commission Audits (OCA) has reviewed. Pending any questions, Mr. Wieferich asked for approval of Exhibit A-2.

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

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

Mr. Wieferich provided information on four projects that were over the engineer's estimate or had only one bidder. Justification memos were provided also for three projects where/as the low bid exceeded the engineer's estimate by more than ten percent; OCA has reviewed. Pending any questions, Mr. Wieferich asked for approval of Exhibit A-2.

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

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

Ms. O'Brien presented information about Exhibit B, which included cost comparison information about contracts that were recently finalized. She provided an overview of Exhibit B's contents/purpose for the benefit of the new commissioner.

- For MDOT projects in January and February, 69 projects totaling \$120 million were finalized; seven of those were more than 10 percent over original contract amounts, and 38 projects came in under original contract amounts. For January and February, final contract costs respectively averaged 1.86 percent over and 2.63 percent over original contract amounts. So far during fiscal year 2016, closed out MDOT projects have totaled \$263.5 million and averaged 0.72 percent over original contract amounts.
- For local agency projects in January and February, 119 projects totaling \$62 million were finalized; four of those were more than 10 percent over original contract amounts, and 60 projects came in under original contract amounts.

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

No motion required.

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

There were no unresolved audit reports where more than 120 days have passed since OCA issued a report. Mr. Cotter asked for acceptance of Exhibit C.

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

IV. **INFORMATIONAL REPORTS**

- ***Director’s Agenda, January 28, 2016 – Myron Frierson***
- ***State Administrative Board Agenda, March 15, 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**

- ***MDOT Context Sensitive Solutions 2015 Update: Utilizing Context Sensitive Solutions to Implement Complete Streets and Multi Modal Needs – Brad Peterson***

Mr. Peterson provided MDOT’s definition of CSS, “A collaborative, interdisciplinary approach that involves stakeholders to develop a transportation facility that fits its physical setting and preserves scenic, aesthetic, historic, and environmental resources, while maintaining safety and mobility.” He provided background on Multi-Modal Development and Delivery (M2D2) and MDOT’s goals. He then spoke about putting Context Sensitive Solutions in practice. MDOT is now providing training through MDOT’s internal Share Point site so it’s available for all MDOT employees to complete at their convenience.

- ***Annual Tribal Governments Update – Stuart Lindsay***

Mr. Lindsay spoke about MDOT’s government-to-government outreach to the twelve federally-recognized tribes in Michigan. He also provided information about an education outreach partnership with the Department of Education, and displays at MDOT Rest Areas. Then he talked about MDOT’s support for non-motorized and public transportation development requested by Tribal governments.

VI. **PUBLIC COMMENTS**

Gary August, Outside Council for Wayne County Airport, as well as for MDOT regarding land acquisition for the Gordie Howe International Bridge

Mr. August spoke about a lawsuit that was settled after the drop-off was changed to the ground transportation center in September 2014, modifications were made and an agreed-upon resolution was reached. A federal lawsuit has recently been filed to put a stop order on one of the drop-off points. He stated that the airport is trying to accommodate people with disabilities no matter what mode of transportation they arrive in, such as Michigan Flyer, airport shuttle, private vehicle, etc. If Commissioners have concerns, he urged them to reach out to Mr. Brian Sadek, with the Wayne County Airport Authority.

Vice Chair Afendoulis then welcomed Commissioner Heartwell to the commission. Commissioner Advisor Raha provided the commissioners information about a Transportation Asset Management Conference and a Legislative Briefing that they might want to attend.

VII. **ADJOURNMENT**

With no further business being before the Commission, Vice Chair Afendoulis declared the meeting adjourned at 11:23 a.m.

VIII. **NEXT MEETING**

The next full meeting will be held Thursday, May 19, 2016, location to be announced.

Frank E. Raha, III
Commission Advisor

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

CONTRACTS

May 19, 2016

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

CONTRACTS

1. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5093) between MDOT and Schoolcraft 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):

Roadway reconstruction work along County Road 447 from approximately 0.3 miles east of Highway M-77 easterly to approximately 1.0 mile east of Highway M-77, including ditching, subbase, aggregate surface course, and restoration work.

Estimated Funds:

State Restricted TED Funds	\$19,694.86
FHWA STP – Rural Funds	\$74,090.18
Schoolcraft County Road Commission Funds	\$ 0.00
Total Funds	<u>\$93,785.04</u>

STL 75555 - 127347
Local Force Account

2. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5097) between MDOT and the Gratiot County Road Commission will provide for participation in the following improvements:

Chip seal and fog seal work along Bagley Road from Highway M-46 northerly to Riverside Drive, including traffic control.

Estimated Funds:

Federal Highway Administration Funds	\$65,900.40
Gratiot County Road Commission Funds	<u>\$16,475.10</u>
Total Funds	<u>\$82,375.50</u>

STL 29057 – 123482
Local Force Account

* Denotes a non-standard contract/amendment

3. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5112) between MDOT and the Genesee County Road Commission will provide for participation in the following improvements:

Overhead flashing beacon replacement work at the Elms Road and Beecher Road intersection, including installation of ground mounted flashing beacons, permanent signing with reflective sheeting on supports, and pavement marking work. Installation of ground mounted flashing beacons work at the Jennings Road and Farrand Road intersection, including permanent signing with reflective sheeting on supports and pavement marking work.

Estimated Funds:

Federal Highway Administration Funds	\$42,759.38
Genesee County Road Commission Funds	<u>\$10,689.85</u>
Total Funds	<u>\$53,449.23</u>

HSIP 25609 - 127375
Local Force Account

4. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5113) between MDOT and the Genesee County Road Commission will provide for participation in the following improvements:

Flashing beacon installation work at the Neff Road and Frances Road intersection, including permanent signing with reflective sheeting on supports and pavement marking work.

Estimated Funds:

Federal Highway Administration Funds	\$18,957.51
Genesee County Road Commission Funds	<u>\$ 2,106.39</u>
Total Funds	<u>\$21,063.90</u>

HSIP 25609 - 127319
Local Force Account

5. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5115) between MDOT and the Genesee County Road Commission will provide for participation in the following improvements:

Ground mounted flashing beacon installation work at the Fenton Road and Cook Road intersection and the Thompson Road and Jennings Road intersection, and overhead flashing beacon upgrade work at the Linden Road and Grand Blanc Road intersection including permanent signing, reflective sheeting on supports, and pavement marking work.

Estimated Funds:

Federal Highway Administration Funds	\$55,356.83
Genesee County Road Commission Funds	<u>\$13,839.21</u>
Total Funds	<u>\$69,196.04</u>

HSIP 25609 - 127376
Local Force Account

6. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5117) between MDOT and the Hillsdale County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category D Funds:

Hot mix asphalt chip seal work along Reading Road from the eastern limit of the City of Reading easterly to Hillsdale Road.

Estimated Funds:

State Restricted TED Funds	\$74,778.55
Hillsdale County Road Commission Funds	<u>\$18,694.64</u>
Total Funds	<u>\$93,473.19</u>

EDD 30555 – 129562
 Local Force Account

7. HIGHWAYS - Participation for State Local Bridge Construction Contract
 Contract (2016-5118) between MDOT and the Newaygo County Road Commission will provide for funding participation in the construction of the following improvements under the State Local Bridge Program:

The removal and replacement of structure #7747, which carries Bingham Avenue over Tank Creek, Sections 33 & 34, T16N, R13W, Lilley Township, Newaygo County, Michigan; the reconstruction of the approaches to the structure for approximately 236 feet southerly and 286 feet northerly of the structure.

Estimated Funds:

State Restricted Trunkline Funds	\$467,000
Newaygo County Road Commission Funds	<u>\$ 24,600</u>
Total Funds	<u>\$491,600</u>

MCS 62017 – 122821
 Letting of 5/6/2016

8. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5139) between MDOT and the Dickinson County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt crushing, shaping and resurfacing work along County Road 569 from approximately 6.3 miles north of Highway US-2 northerly to approximately 7.5 miles of Highway US-2, including gravel shoulder, traffic control, restoration, culvert, and guardrail installation work.

Estimated Funds:

State Restricted TED Funds	\$ 64,700
FHWA STP – Rural Funds	\$369,400
Dickinson County Road Commission Funds	<u>\$ 27,700</u>
Total Funds	<u>\$461,800</u>

STL 22555– 100237
Letting of 2/5/2016

9. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5144) between MDOT and the Iosco 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):

PART A

Hot mix asphalt wedging and resurfacing work along National City Road from Alabaster Road northerly for approximately 0.54 miles.

PART B

Hot mix asphalt wedging and resurfacing work along Alabaster Road from National City Road easterly to Sand Lake Road, including trenching, guardrail upgrades, and pavement marking work.

Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
State Restricted TED Funds	\$ 0	\$ 89,729	\$ 89,729
FHWA STP – Rural Funds	\$49,280	\$157,251	\$206,531
Iosco County Road Commission Funds	<u>\$12,520</u>	<u>\$ 61,920</u>	<u>\$ 74,440</u>
Total Funds	<u>\$61,800</u>	<u>\$308,900</u>	<u>\$370,700</u>

STL 35141; STL 35555– 119918; 129825
Letting of 5/6/2016

10. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5148) between MDOT and the Mackinac County Road Commission will provide for participation in the following improvements:

Subbase strengthening work along Krause Road from Brown Road northerly for approximately 0.5 miles, including aggregate surface course, restoration, and traffic control work.

Estimated Funds:

Federal Highway Administration Funds	\$74,954.44
Mackinac County Road Commission Funds	<u>\$18,738.61</u>
Total Funds	<u>\$93,693.05</u>

STL 49097 – 116579
Local Force Account

11. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5150) between MDOT and the Hillsdale County Road Commission will provide for participation in the following improvements:

Hot mix asphalt wedging, chip seal, and fog seal work along Sterling Road from Highway US-12 easterly to Knowles Road.

Estimated Funds:

Federal Highway Administration Funds	\$75,076.83
Hillsdale County Road Commission Funds	<u>\$18,769.21</u>
Total Funds	<u>\$93,846.04</u>

STL 30141 – 129557
Local Force Account

12. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5151) between MDOT and the Hillsdale County Road Commission will provide for participation in the following improvements:

Hot mix asphalt wedging, chip seal, and fog seal work along Long Lake Road from Reading Road northerly to Bankers Road.

Estimated Funds:

Federal Highway Administration Funds	\$75,054.91
Hillsdale County Road Commission Funds	<u>\$18,763.73</u>
Total Funds	<u>\$93,818.64</u>

STL 30141 – 129561
Local Force Account

13. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5152) between MDOT and the Hillsdale County Road Commission will provide for participation in the following improvements:

Chip seal, fog seal, and wedging work along Carpenter Road from Territorial Road northerly to Camden Road.

Estimated Funds:

Federal Highway Administration Funds	\$74,989.60
Hillsdale County Road Commission Funds	<u>\$18,747.40</u>
Total Funds	<u>\$93,737.00</u>

STL 30141 – 129559
Local Force Account

14. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5157) between MDOT and the St. Joseph County Road Commission will provide for participation in the following improvements:

Single chip seal work along Lutz Road from Highway US-12 northerly to Centreville Constantine Road and along Klinger Lake Road from the southern limits of the Village of Centreville southerly to Timm Road, including traffic control work.

Estimated Funds:

Federal Highway Administration Funds	\$56,398.55
St. Joseph County Road Commission Funds	<u>\$29,053.80</u>
Total Funds	<u>\$85,452.35</u>

STL 78141 – 127157
 Local Force Account

15. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5158) between MDOT and St. Joseph 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):

Single chip seal work along Fulton Road from King Road northerly to E Z Avenue and along Wattles Road from Highway M-86 northeasterly to the county line, including traffic control work.

Estimated Funds:

State Restricted TED Funds	\$67,493.84
FHWA STP – Rural Funds	\$26,247.60
St. Joseph County Road Commission Funds	<u>\$ 0</u>
Total Funds	<u>\$93,741.44</u>

STL 78555 - 127156
 Local Force Account

16. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5159) between MDOT and the St. Joseph County Road Commission will provide for participation in the following improvements:

Single chip seal and traffic control work along Michigan Avenue from Highway US-131 easterly to North Fisher Lake Road and along Featherstone Road from the Village of Constantine limits northeasterly to Constantine Road.

Estimated Funds:

Federal Highway Administration Funds	\$57,455.07
St. Joseph County Road Commission Funds	<u>\$29,598.08</u>
Total Funds	<u>\$87,053.15</u>

STL 78141 – 127154
Local Force Account

17. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2016-5160) between MDOT and the Crawford County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds):

Hot mix asphalt resurfacing work along County Road 612 from Jones Lake Road easterly to K.P. Lake Road.

Estimated Funds:

State Restricted TED Funds	\$ 98,446
Crawford County Road Commission Funds	<u>\$ 33,754</u>
Total Funds	<u>\$132,200</u>

EDD 20555– 129442
Letting of 5/6/2016

18. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2016-5161) between MDOT and the Chippewa County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds):

Hot mix asphalt crushing, shaping, and resurfacing work along Town Line Road from Hancock Road easterly to Highway M-129, including culvert replacement, guardrail installation, shoulder, traffic control, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 72,700
FHWA STP – Rural Funds	\$342,200
Chippewa County Road Commission Funds	<u>\$ 12,900</u>
Total Funds	<u>\$427,800</u>

STL 17555 – 113005
Letting of 5/6/2016

19. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5162) between MDOT and the Mackinac County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds):

Hot mix asphalt resurfacing work along Rockview Road from Highway M-129 westerly to 3 Mile Road, including shoulder, traffic control, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 43,000
FHWA STP – Rural Funds	\$172,200
Mackinac County Road Commission Funds	\$ 0
Total Funds	<u>\$215,200</u>

STL 49555 – 127733
 Letting of 5/6/2016

20. HIGHWAYS - Participation for State Local Bridge Construction Contract
 Contract (2016-5173) between MDOT and the Houghton County Road Commission will provide for funding participation in the construction of the following improvements under Section 144 of Title 23 USC and the State Local Bridge Program:

Rehabilitation work for structure #3410, which carries South Laird Road over the west branch of the Sturgeon River, Sections 11 & 12, T50N, R36W, Laird Township, Houghton County, Michigan, including hot mix asphalt resurfacing; railing upgrade; hot mix asphalt crushing, shaping, and resurfacing of approaches; guardrail installation; and traffic control work.

Estimated Funds:

Federal Highway Administration Funds	\$162,700
State Restricted Trunkline Funds	\$ 30,500
Houghton County Road Commission Funds	\$ 10,200
Total Funds	<u>\$203,400</u>

BO 31008 – 122991
 Letting of 5/6/2015

21. HIGHWAYS - Participation for State Local Bridge Construction Contract
 Contract (2016-5177) between MDOT and the City of Lapeer will provide for funding participation in the construction of the following improvements under the State Local Bridge Program:

Rehabilitation work for structure # 5487, which carries Saginaw Street over Farmers Creek, Section 5, T07N, R10E, City of Lapeer, Lapeer County, Michigan, including bridge repairs, hot mix asphalt resurfacing of structure and approaches, concrete curb and gutter, tree removal, channel excavation and stabilization, traffic control, and pavement marking work.

Estimated Funds:

State Restricted Trunkline Funds	\$106,400
City of Lapeer	\$ 5,600
Total Funds	<u>\$112,000</u>

MCS 44087 – 126522; Lapeer County
Letting of 5/6/2016

22. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2016-5208) between MDOT and the City of Yale will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Roadway reconstruction along Roy Drive from Commerce Drive northerly to the end of Roy Drive.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$115,885 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	\$142,371
City of Yale Funds	\$ 58,152
Total Funds	<u>\$200,523</u>

EDA 77522 – 129453; St. Clair County
Local Letting

23. HIGHWAYS - Participation for Local Agency Force Account Work

Contract (2016-5219) between MDOT and the City of Chesaning will provide for funding participation in the following construction improvements:

Removing, storing, and reinstalling of street lighting on Structure B02 of 73021, which carries Highway M-57 over the Shiawassee River, which is directly impacted by MDOT'S construction work on Highway M-57.

Estimated Funds:

Federal Highway Administration Funds	\$4,400
State Restricted Trunkline Funds	\$1,000
City of Chelsea Funds	\$ 0
Total Funds	<u>\$5,400</u>

ST 73021 - 115902A; Saginaw County
Force Account Work

24. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5225) between MDOT and the Montcalm County Road Commission will provide for participation in the following improvements:

Horizontal curve upgrade work along West County Road 522 at several federal-aid locations countywide, including permanent signing with reflective sheeting on supports.

Estimated Funds:

Federal Highway Administration Funds	\$61,490.30
Montcalm County Road Commission Funds	<u>\$ 6,832.26</u>
Total Funds	<u>\$68,322.56</u>

HSIP 59609 - 127405
 Local Force Account

25. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5235) between MDOT and the Cheboygan County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds):

Hot mix asphalt base crushing, shaping, and resurfacing work along Club Road from approximately 250 feet south of Martha Street northerly to Onaway Road and along Onaway Road from Club Road easterly to approximately 80 feet east of Victor Drive, including concrete curb and gutter, guardrail installation, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 33,477
FHWA STP – Rural Funds	\$130,819
Cheboygan County Road Commission Funds	<u>\$ 34,304</u>
Total Funds	<u>\$198,600</u>

STL 16555 – 124279
 Letting of 6/3/2016

26. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2016-5238) between MDOT and the Cass County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds):

Hot mix asphalt cold milling and resurfacing work along Marcellus Highway from Gards Prairie Street to Goodenough Street, including traffic control and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 30,700
FHWA STP – Rural Funds	\$122,700
Cass County Road Commission Funds	\$ 0
Total Funds	<u>\$153,400</u>

STL 14555 – 120111
Letting of 6/3/2016

27. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2016-5255) between MDOT and the City of Howell will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Resurfacing work along McPherson Park Drive from approximately 110 feet north of the CSX Railway southerly to approximately 140 feet south of the CSX Railway and from Mason Road northerly for approximately 420 feet.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$66,800 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	\$267,200
City of Howell Funds	<u>\$ 18,800</u>
Total Funds	<u>\$286,000</u>

EDA 47522 – 129605; Livingston County
Local Letting

28. PASSENGER TRANSPORTATION - Section 5307 Capital Program
Project Authorization (9) Revision (6) under Master Agreement (2007-0201) between MDOT and the City of Detroit will extend the authorization term by one year to provide sufficient time for the City to finish the procurement process and acquire the computer software. The project was delayed because the City decided to issue a request for proposals instead of using a sole source procurement. The original authorization provides state matching funds and toll credits as state match for the City's FY 2008 Federal Section 5307 Urbanized Area Formula Capital Program grant for planning, facility renovation, support equipment, communication equipment, computer equipment, signage, and preventive maintenance. The revised authorization term will be from September 19, 2008, through September 18, 2012; from October 25, 2012, through May 31, 2013; and from September 12, 2013, through May 31, 2017. The authorization amount remains unchanged at \$27,586,091. The toll credit amount remains unchanged at \$4,989,620. 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 - \$27,058,493; FY 2002 State Restricted Comprehensive Transportation Funds - \$527,598.

29. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (20) Revision (5) under Master Agreement (2007-0254) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will extend the authorization term by one year to provide sufficient time for MTA to complete the project. Because the hydrogen fuel cell bus was less expensive than planned, the federal grant will be amended to allow MTA to purchase associated capital parts for the hydrogen fuel cell bus fleet. The original authorization provides state matching funds for MTA's FY 2009 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Program grant for the purchase of a bus. The revised authorization term will be May 28, 2010, through May 27, 2017. The authorization amount remains unchanged at \$1,250,000. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transportation Funds - \$1,000,000; FY 2009 State Restricted Comprehensive Transportation Funds - \$250,000.
30. PASSENGER TRANSPORTATION - Section 5307
Project Authorization (7) Revision (6) under Master Agreement (2007-0268) between MDOT and the City of Niles will renew the authorization and extend the authorization term by approximately eight months to provide sufficient time for the City to complete the facility improvements project. The additional time is needed because reviews of the project changes by new City transit management and the Federal Transit Administration (FTA) have taken longer than anticipated. The original authorization provides state matching funds for the City's FY 2009 Federal Section 5307 Urbanized Area Formula Capital Program grant for the purchase of revenue vehicles and equipment, for vehicle rehabilitation and maintenance, and for facility renovation. The revised authorization term will be from August 17, 2009, through August 16, 2012; from January 28, 2013, through September 30, 2015; and from the date of award of this revision through December 31, 2016. No costs will be incurred between September 30, 2015, and the date of award of this revision. The authorization amount remains unchanged at \$440,409. The toll credit amount remains unchanged at \$49,400. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: FTA Funds - \$400,000; FY 2003, FY 2009, FY 2010, and FY 2014 State Restricted Comprehensive Transportation Funds - \$38,250; City of Niles Funds - \$2,159.
31. *EXECUTIVE (Office of Economic Development) - SIB Loan
Contract (2016-0308) between MDOT and the Emmet County Road Commission is a state infrastructure bank (SIB) loan to assist the Commission in financing transportation infrastructure improvements through the completion of a chip seal failure mitigation project at various locations in Emmet County. The Commission plans to use its State Restricted Trunkline Funds to repay the loan. MDOT will loan \$600,000 at 2.5 percent interest for five years to the Emmet County Road Commission. The contract will be in effect from the date of award through November 20, 2021. Source of Funds: SIB Loan Funds - \$600,000.
32. *HIGHWAYS (Development Services) - Right-of-Way License
Contract (2016-0225) between MDOT and Ammex Tax and Duty Free Shops, Inc., is a license contract that will provide for access to the eastbound ramp from the Blue Water Bridge Plaza for the operation of the duty free facility in the city of Port Huron, Michigan. MDOT will receive 17 percent of the net sales of all merchandise from the Ammex Tax and Duty Free Shops, Inc., Port Huron store(s) as rent. The contract will be in effect from February 1, 2016, through January 31, 2021. This is a revenue contract; MDOT will be paid an estimated \$10,000,000.

33. *HIGHWAYS (Development Services) – Right-of-Way License
Contract (2016-0226) between MDOT and Ammex Tax and Duty Free Shops, Inc., is a license contract that will provide for access to the International Bridge Plaza for the operation of the duty free facility in the city of Sault Saint Marie, Michigan. Each year MDOT will receive 16 percent of the first \$2,000,000 of annual gross sales, 18 percent of gross sales between \$2,000,001 and \$6,000,000, and 20 percent of gross annual sales over \$6,000,000 of all merchandise from the Ammex Tax and Duty Free Shops, Inc., Sault Saint Marie store(s) as rent. The contract term will be February 1, 2016, through January 31, 2021. This is a revenue contract; MDOT will be paid an estimated \$10,000,000.

34. *PASSENGER TRANSPORTATION - Section 5311(f) Intercity Operating Program
Amendatory Contract (2015-0313/A2) between MDOT and Indian Trails, Inc., in Owosso, Michigan, will modify the Superior route schedule to eliminate the Escanaba, Michigan, to Milwaukee, Wisconsin, portion of the route. The route will now end at Escanaba, Michigan. Route service from Escanaba, Michigan, to Milwaukee, Wisconsin, will now be covered under a new Memorandum of Understanding with the Wisconsin Department of Transportation. The original contract provides Federal Section 5311(f) Intercity Bus Program funds and state funds for intercity bus operating service in Michigan. The contract term remains unchanged, August 1, 2015, through July 31, 2017. The contract amount remains unchanged at \$4,085,260. Source of Funds: Federal Transit Administration Funds - \$2,042,630; FY 2014, FY 2015, FY 2016, and FY 2017 State Restricted Comprehensive Transportation Funds - \$2,042,630.

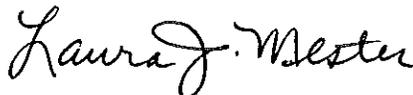
This amendment was approved on the April 21, 2016, State Transportation Commission Waiver; however, the write-up incorrectly stated that the route will now end at Gladstone, Michigan.

35. *RAIL - Increase Amount
Amendatory Contract (2015-0116/A1) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide additional funds in the amount of \$15,700,000 to provide for the continued operation of intercity rail passenger service for the continuation period of October 1, 2015, through June 30, 2016. The original contract provided financial assistance for the use of Amtrak equipment, as set forth in the Passenger Rail Investment and Improvement Act of 2008 (PRIIA), Section 209, and 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 term is October 1, 2014, through September 30, 2015. The continuation period is from October 1, 2015, through June 30, 2016. The revised contract amount will be \$39,950,000. Source of Funds: FY 2014 State Restricted Comprehensive Transportation Funds - \$2,728,814; FY 2015 State Restricted Comprehensive Transportation Funds - \$21,521,186; and FY 2016 State Restricted Comprehensive Transportation Funds - \$15,700,000.

36. *RAIL - Freight Economic Development Program
Contract (2016-0310) between MDOT and Port Fisher, LLC, will provide financial assistance in the form of a loan to Port Fisher, LLC, for the rehabilitation of spur tracks to serve an asphalt emulsion and blending plant at the port in Bay City. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the loan has been fully repaid. The estimated project cost is \$246,250. MDOT will loan Port Fisher, LLC, 50 percent of the project cost, up to a maximum of \$123,125. Provisions included in the contract permit the loan to be forgiven incrementally over a five-year period based on carloads shipped to/from the facility via rail. Port Fisher, LLC, commits to shipping and/or receiving a minimum of 100 carloads of freight to/from the facility via rail annually. Source of Funds: FY 2016 State Restricted Comprehensive Transportation Funds - \$123,125; Port Fisher, LLC, Funds - \$123,125.
37. *TRANSPORTATION PLANNING - Jurisdictional Transfer
Memorandum of Understanding (MOU) (2016-0302) between MDOT and the City of Battle Creek will transfer jurisdiction of a segment of Skyline Drive, from the centerline of Columbia Avenue north to the centerline of Hill Brady Road, a distance of approximately 1.54 miles, in control section 13121, from MDOT to the City and a segment of Columbia Avenue, from the centerline of Skyline Drive east to the centerline of Helmer Road, a distance of approximately 2.19 miles from the City to MDOT. Jurisdiction will transfer upon the date of the award of the MOU. This is a zero dollar MOU.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of August 25, 2015.

Respectfully submitted,



Kirk T. Steudle
Director



LETTING STATISTICS

APRIL 2016

STATE PROJECTS OVERVIEW

The April 1, 15, and 27, 2016, Bid Lettings, included 24 State trunkline projects with \$32.5 million in total engineer estimates. The low bids received totaled \$30.0 million. The average low bid for the 24 State projects was \$1.25 million and the median of \$601.1 thousand. In comparing State projects of April 2015, 15 projects were let with \$36.8 million in total engineer estimates and \$32.6 million in low bid dollars.

Of the 24 State projects let in April of 2016, five included warranties with \$10.3 million as the low bid total. The number of bids received for the State projects was 70.

For fiscal year 2016 to date, 201 State projects have been let with the low bid total of \$542.1 million. Compared to the same period last year, 182 State projects were let with a low bid total of \$770.0 million.

PROJECTS BID SUMMARY

The total number of bids received for the 77 projects let in April of 2016, was 315. The average number of bids received per project was 4.09.

There was one project postponed and two projects withdrawn from the April 1, bid letting, and currently two Local area projects for which all bids have been rejected.

Of the 121 contracting companies eligible to submit bids for the April bid lettings, 107 submitted at least one bid.

JOB PROJECTIONS

The list of jobs projected to be let during FY 2016 was updated on 4/13/2016 to include a total of 289 State jobs with a total construction cost estimate of \$713.6 million.

For fiscal year 2016 through April, 111.5% of State jobs anticipated for this period have been let using 113.1% of the projected cost estimates. For the same period of FY 2015, 100.8% of State jobs were let using 117.2% of the projected construction costs.

UPCOMING LETTING STATS

The **May 6, 2016, Bid Letting** is advertising 17 State trunkline projects with a total engineer estimate of \$41.5 million. Of the 17 State projects, five include warranties with \$21.7 million as the total engineer estimate. Additionally for this letting, 99 Local area projects with an engineer estimate total of \$87.1 million are advertised.

A **Special Bid Letting** is scheduled for **May 11, 2016**, advertising three Fixed-Price Variable Scope projects with an estimated value of \$1.85 million. The three projects advertised include warranties.

The **May 18, 2016, Special Bid Letting** is advertising a Design-Build project with \$112.0 million in estimated value. This Design-Build project includes three warranties.

Note: Information provided in this report is subject to change

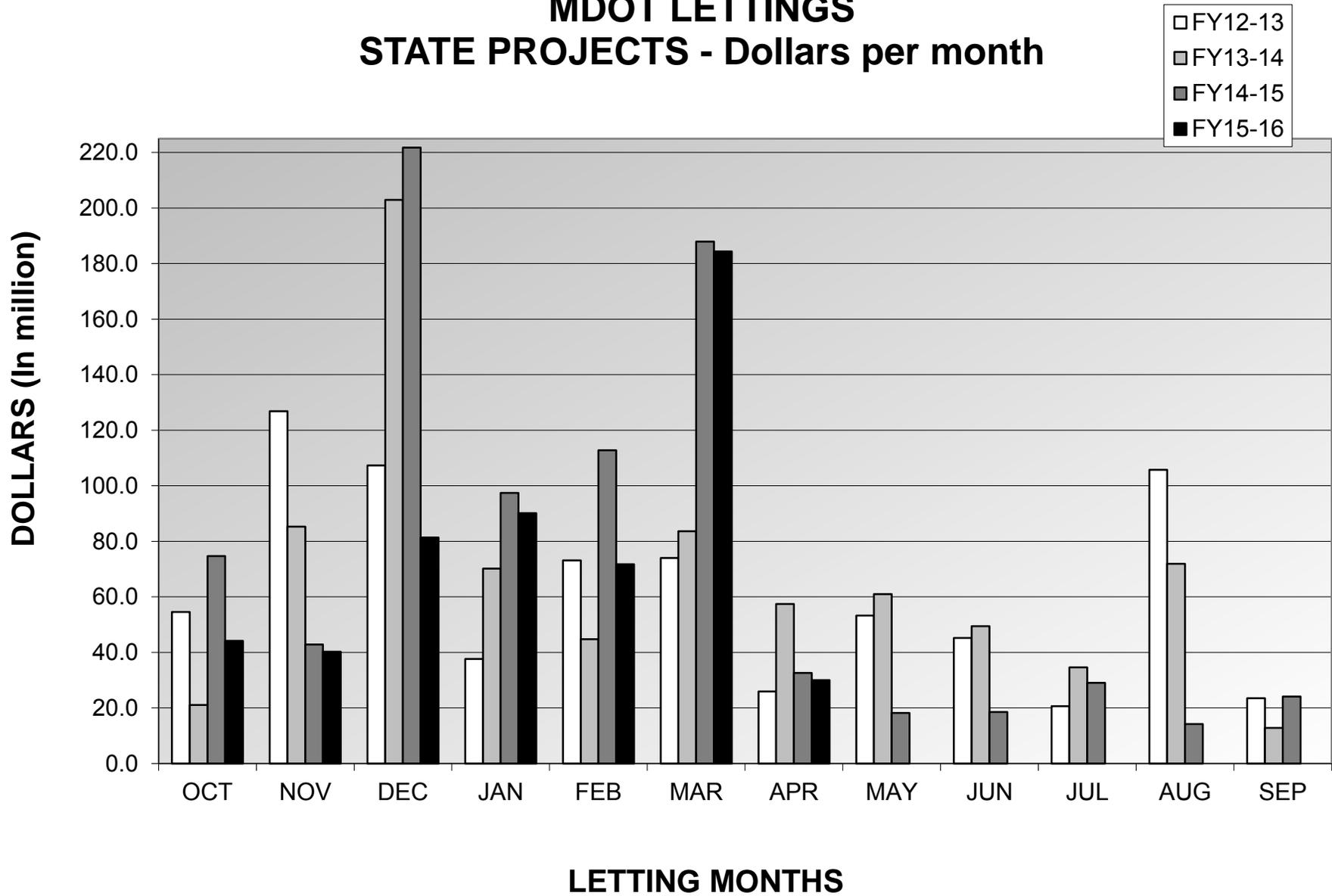
LETTING SUMMARY OF APRIL 2016

STATISTICS	PROGRAM AREA				
	STATE	LOCAL	AERO	FREIGHT SERVICES	TOTALS
Project Report					
Number of Projects Let	24	53	0	0	77
Engineer Estimates of Projects Let	\$32,505,269.43	\$51,413,396.75	\$0.00	\$0.00	\$83,918,666.18
Low Bid Report					
Low Bid Totals	\$30,049,396.18	\$48,088,415.38	\$0.00	\$0.00	\$78,137,811.56
% over/under eng. est. of projects let	-7.56%	-6.47%	0.00%	0.00%	-6.89%
All Bid Rejection Report					
All Bid Rejection(s)	0	2	0	0	2
All Bid Rejection(s) Engineer's Estimate	\$0.00	\$164,775.49	\$0.00	\$0.00	\$164,775.49
All Bid Rejection(s) Low Bid Amount	\$0.00	\$262,468.40	\$0.00	\$0.00	\$262,468.40
% over/under eng. est. of projects all bids rejected	0.00%	59.29%	0.00%	0.00%	59.29%
TBA Report - Low Bids Pending					
Number of TBAs	1	0	0	0	1
Engineer Estimates	\$403,684.46	\$0.00	\$0.00	\$0.00	\$403,684.46
Low Bid Amounts	\$480,316.08	\$0.00	\$0.00	\$0.00	\$480,316.08
% over/under engineer's estimate of TBA items	18.98%	0.00%	0.00%	0.00%	18.98%
Bidder (Bids) Report					
Number of Bids Received	70	245	0	0	315
Average # of Bidders per Project	2.92	4.62	0.00	0.00	4.09

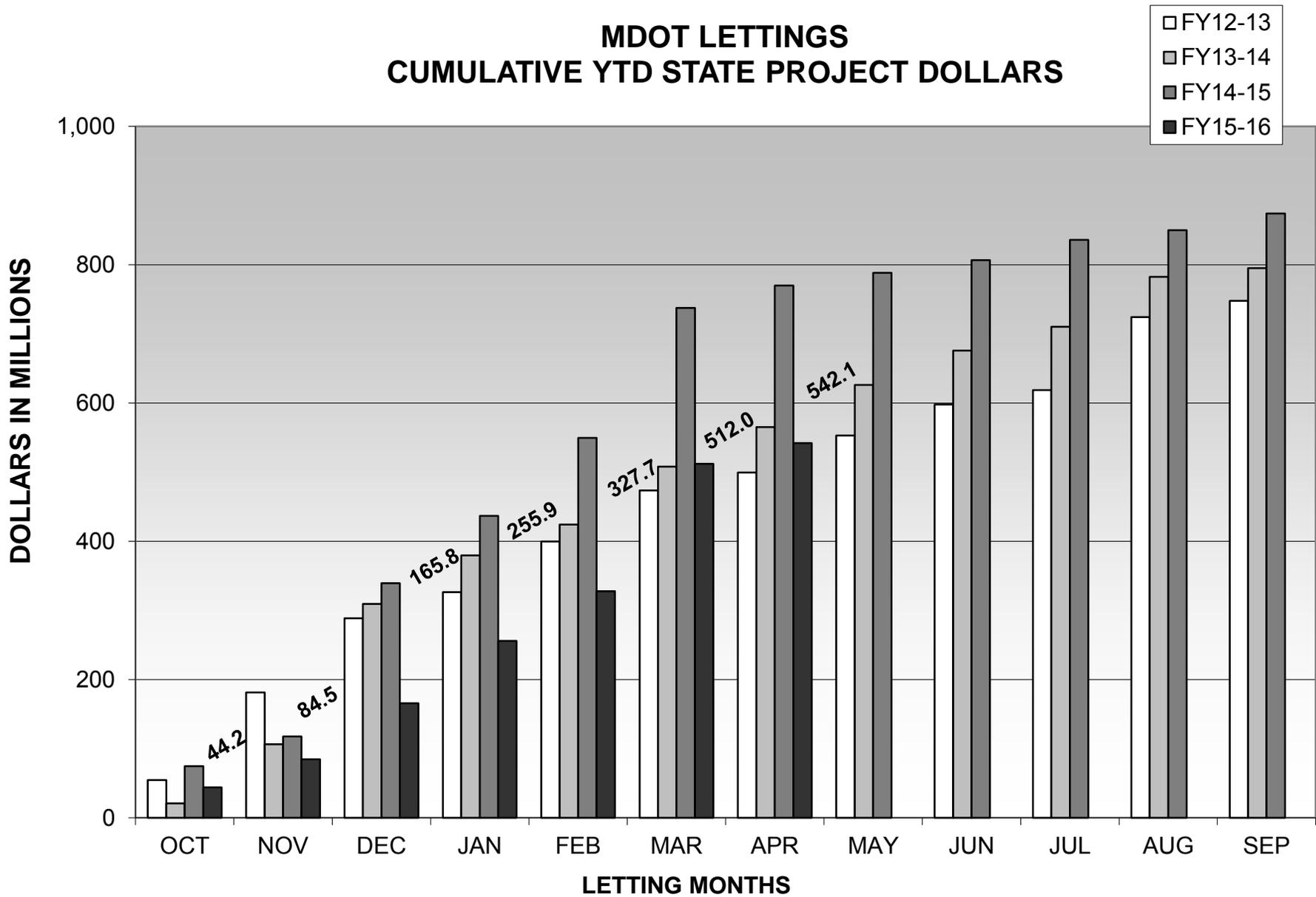
UPCOMING LETTING PROJECTIONS:

	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
May 6, 2016 - Bid Letting					
# of proj. advertised	17	99	0	0	116
# of projects with warranties	5	0	0	0	5
\$ Eng. Est. of projects advertised (In million)	\$41.46	\$87.11	\$0.0	\$0.0	\$128.6
\$ Eng. Est. of warranty projects (In million)	\$21.71	\$0.0	\$0.0	\$0.0	\$21.7
May 11, 2016 - Special Bid Letting					
# of proj. advertised	3	0	0	0	3
# of projects with warranties	3	0	0	0	3
\$ Eng. Est. of projects advertised (In million)	\$1.9	\$0.0	\$0.0	\$0.0	\$1.9
\$ Eng. Est. of warranty projects (In million)	\$1.9	\$0.0	\$0.0	\$0.0	\$1.9
May 18, 2016 - Special Bid Letting					
# of proj. advertised	1	0	0	0	1
# of projects with warranties	1	0	0	0	1
\$ Eng. Est. of projects advertised (In million)	\$112.0	\$0.0	\$0.0	\$0.0	\$112.0
\$ Eng. Est. of warranty projects (In million)	\$112.0	\$0.0	\$0.0	\$0.0	\$112.0

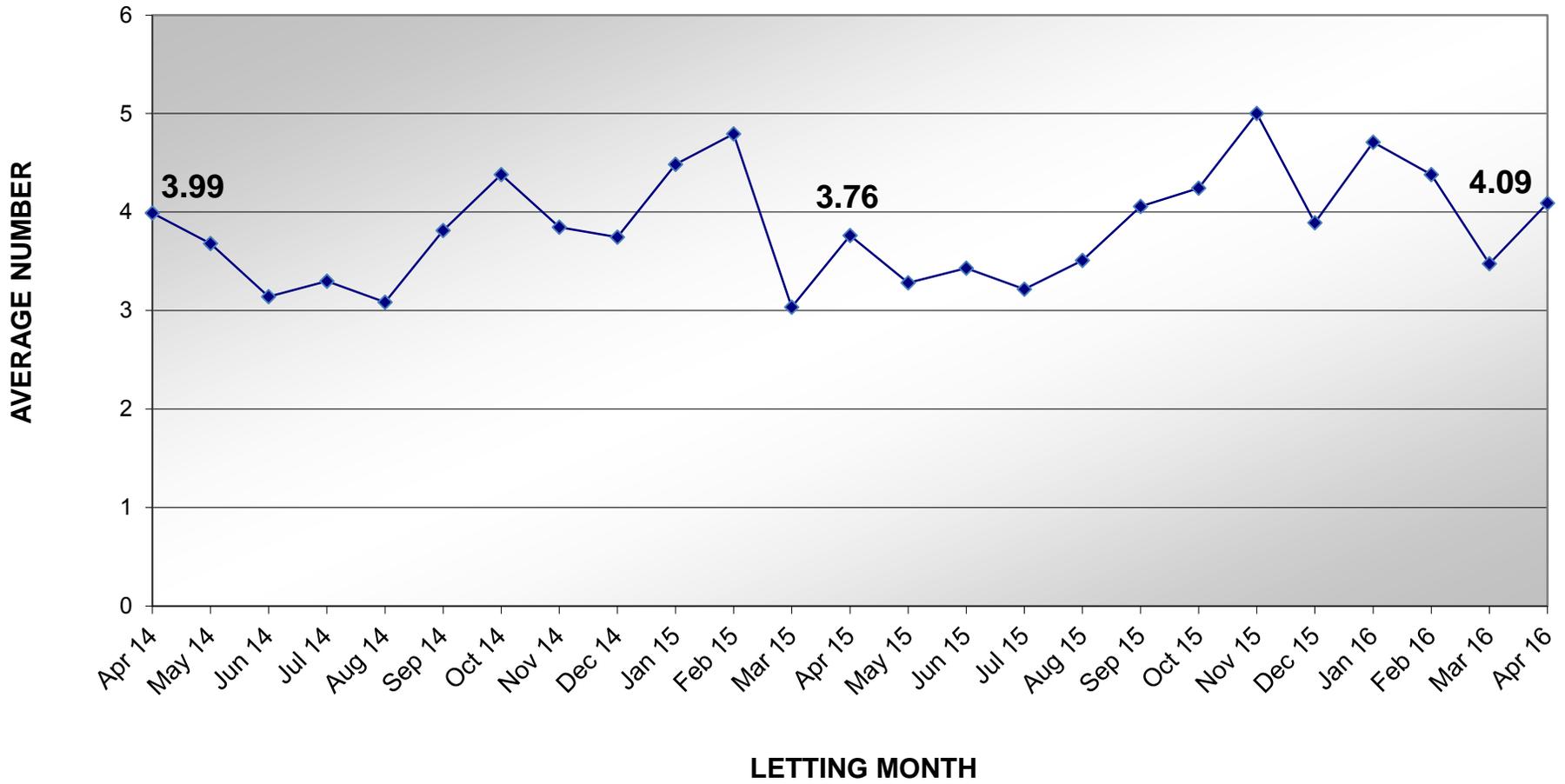
MDOT LETTINGS STATE PROJECTS - Dollars per month



MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



AVERAGE NUMBER OF BIDDERS
APRIL 2014 through APRIL 2016



PROJECTS WITH SPECIFIED NUMBER OF BIDS - BY REGION

APRIL 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	2	3	2	1			2			11
GRAND	1	3	2	4	2		1		3	1	17
METRO	1	5	6	2		1		1	1		17
NORTH	1	1	3	1		1					7
SOUTHWEST	1		2	3		1		1			8
SUPERIOR		2	1	1	1	1					6
UNIVERSITY		1	3	2	3		1			1	11
NUMBER OF BIDS ON PROJECTS	5	14	20	15	7	4	2	4	4	2	Total 77

LETTING STATISTICS

MAY 6, 2016

STATE PROJECTS OVERVIEW

The May 6, 2016, Bid Letting, included 16 State trunkline projects with \$37.9 million in total engineer estimates. The low bids received totaled \$38.4 million. The average low bid for the 16 State projects was \$2.4 million and the median of \$1.3 million. In comparing State projects of May 2015, 20 projects were let with \$18.7 million in total engineer estimates and \$18.2 million in low bid dollars.

Of the 16 State projects let on May 6 of 2016, four included warranties with \$18.5 million as the low bid total. The number of bids received for the State projects was 61.

For fiscal year 2016 to date, 217 State projects have been let with the low bid total of \$580.5 million. Compared to the same period last year, 202 State projects were let with a low bid total of \$788.2 million.

PROJECTS BID SUMMARY

The total number of bids received for the 116 projects let on May 6 of 2016 and including the Freight Services project CMGC project, was 404. The average number of bids received per project was 3.48.

There was one project withdrawn from the May 6, bid letting, and currently no projects for which all bids have been rejected.

Of the 126 contracting companies eligible to submit bids for the May 6, bid letting, 105 submitted at least one bid.

JOB PROJECTIONS

The list of jobs projected to be let during FY 2016 was updated on 05/05/2016 to include a total of 286 State jobs with a total construction cost estimate of \$731.0 million.

For fiscal year 2016 through May 6, 111.6% of State jobs anticipated for this period have been let using 93.1% of the projected cost estimates. For the same period of FY 2015, 122.6% of State jobs were let using 117.4% of the projected construction costs.

UPCOMING LETTING STATS

The **Special Bid Letting** scheduled for **May 11, 2016**, is advertising three Fixed-Price Variable Scope State trunkline projects with an estimated value of \$1.85 million. The three projects advertised include warranties.

For the **May 18, 2016, Special Bid Letting**, one Design-Build State trunkline project is advertised with \$112.0 million in estimated value. This Design-Build project includes warranties.

The **June 3, 2016, Bid Letting** is currently advertising 15 State trunkline projects with total engineer estimates of \$35.2 million. Of the 12 State projects, four include warranties with \$25.8 million as the total engineer estimate. Additionally, there are 54 Local area projects advertised with an engineer estimate total of \$52.1 million.

The **June 8, 2016, Special Bid Letting** is advertising four State Trunkline Fixed-Price Variable Scope projects with a total contract price of \$2.5 million. Three of the four include warranties with the total contract price of \$2.3 million.

Note: Information provided in this report is subject to change

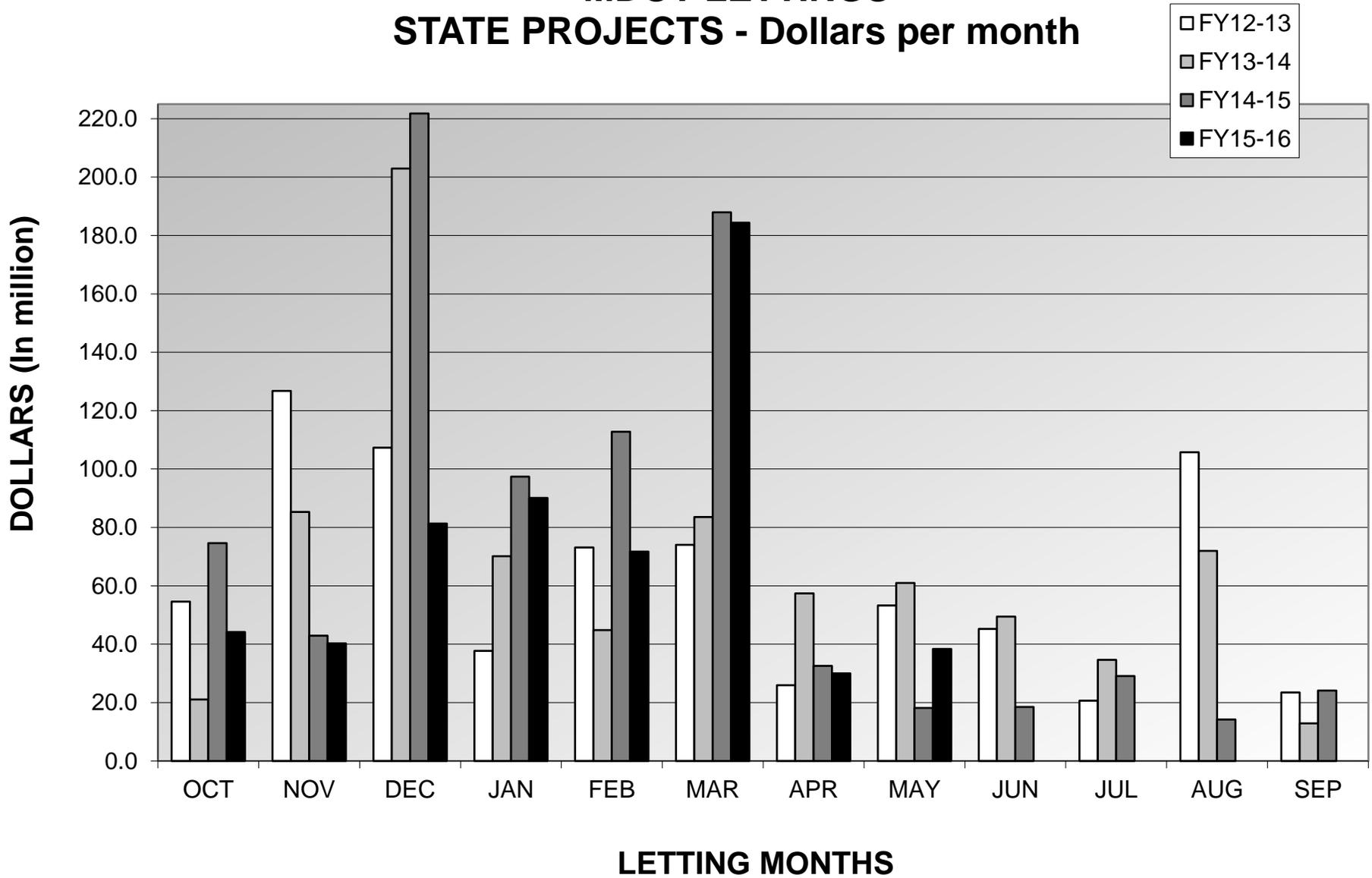
LETTING SUMMARY OF MAY 6, 2016

STATISTICS	PROGRAM AREA				
	STATE	LOCAL	AERO	FREIGHT SERVICES	TOTALS
Project Report					
Number of Projects Let	16	99	0	1	116
Engineer Estimates of Projects Let	\$37,891,555.12	\$87,059,604.13	\$0.00	\$13,653,369.66	\$138,604,528.91
Low Bid Report					
Low Bid Totals	\$38,381,581.44	\$81,927,606.82	\$0.00	\$13,653,369.66	\$133,962,557.92
% over/under eng. est. of projects let	1.29%	-5.89%	0.00%	0.00%	-3.35%
TBA Report - Low Bids Pending					
Number of TBAs	7	11	0	0	18
Engineer Estimates	\$26,271,897.41	\$17,273,465.68	\$0.00	\$0.00	\$43,545,363.09
Low Bid Amounts	\$27,539,387.98	\$18,028,589.13	\$0.00	\$0.00	\$45,567,977.11
% over/under engineer's estimate of TBA items	4.82%	4.37%	0.00%	0.00%	4.64%
Bidder (Bids) Report					
Number of Bids Received	61	342	0	1	404
Average # of Bidders per Project	3.81	3.45	0.00	1.00	3.48

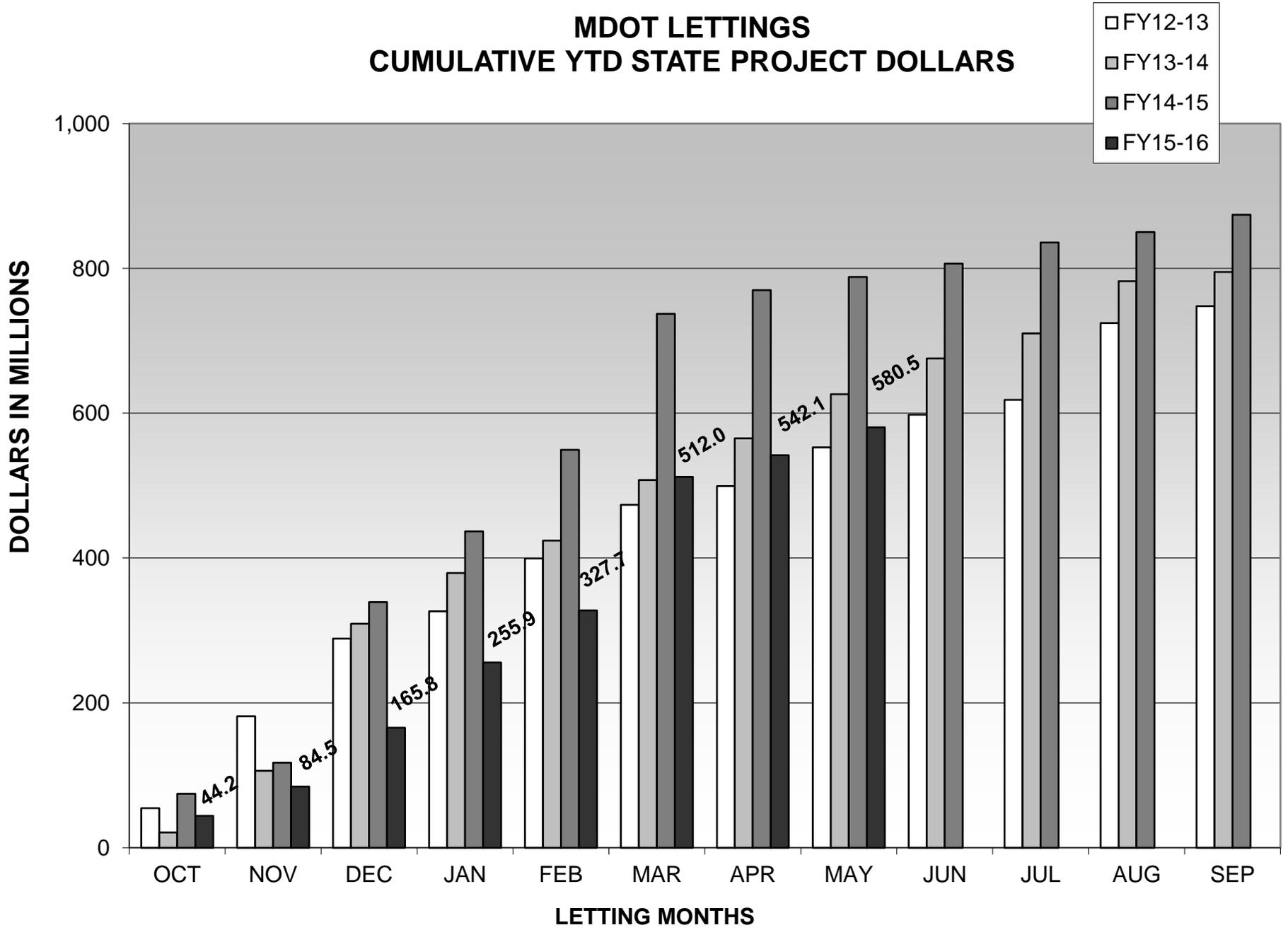
UPCOMING LETTING PROJECTIONS:

	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
May 11, 2016 - Special Bid Letting					
# of proj. advertised	3	0	0	0	3
# of projects with warranties	3	0	0	0	3
\$ Eng. Est. of projects advertised (In million)	\$1.9	\$0.0	\$0.0	\$0.0	\$1.9
\$ Eng. Est. of warranty projects (In million)	\$1.9	\$0.0	\$0.0	\$0.0	\$1.9
May 18, 2016 - Special Bid Letting					
# of proj. advertised	1	0	0	0	1
# of projects with warranties	1	0	0	0	1
\$ Eng. Est. of projects advertised (In million)	\$112.0	\$0.0	\$0.0	\$0.0	\$112.0
\$ Eng. Est. of warranty projects (In million)	\$112.0	\$0.0	\$0.0	\$0.0	\$112.0
June 3, 2016 - Bid Letting					
# of proj. advertised	15	54	0	0	69
# of projects with warranties	4	0	0	0	4
\$ Eng. Est. of projects advertised (In million)	\$35.2	\$52.15	\$0.0	\$0.0	\$87.4
\$ Eng. Est. of warranty projects (In million)	\$25.8	\$0.0	\$0.0	\$0.0	\$25.8
June 8, 2016 - Special Bid Letting					
# of proj. advertised	4	0	0	0	4
# of projects with warranties	3	0	0	0	3
\$ Eng. Est. of projects advertised (In million)	\$2.5	\$0.0	\$0.0	\$0.0	\$2.5
\$ Eng. Est. of warranty projects (In million)	\$2.5	\$0.0	\$0.0	\$0.0	\$2.5

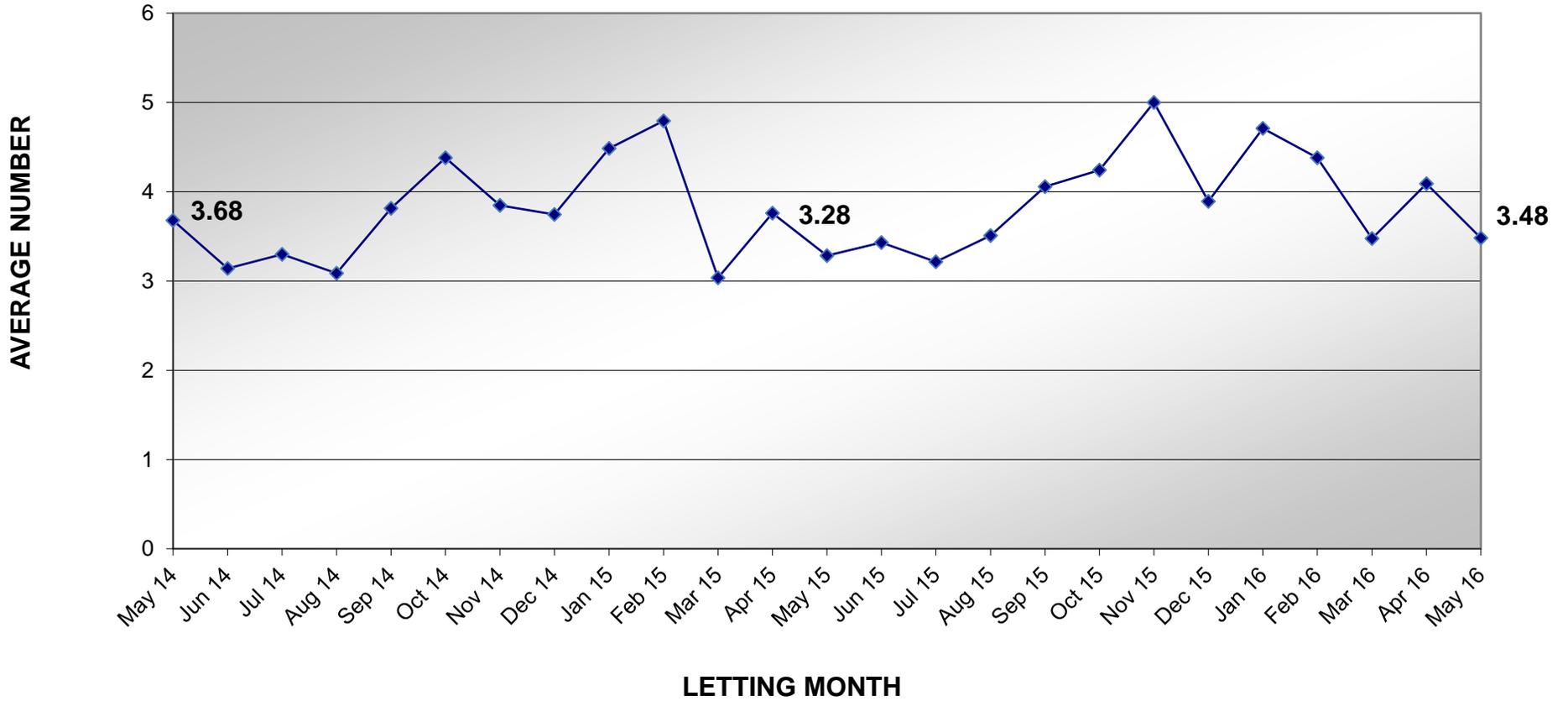
MDOT LETTINGS STATE PROJECTS - Dollars per month



MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



AVERAGE NUMBER OF BIDDERS MAY 2014 through MAY 2016



PROJECTS WITH SPECIFIED NUMBER OF BIDS - BY REGION

MAY 6, 2016

REGION	PROJECTS 1 BID	PROJECTS 2 BIDS	PROJECTS 3 BIDS	PROJECTS 4 BIDS	PROJECTS 5 BIDS	PROJECTS 6 BIDS	PROJECTS 7 BIDS	PROJECTS 8 BIDS	PROJECTS 9 BIDS	PROJECTS =>10 BIDS	NUMBER OF PROJECTS BY REGION
BAY		1	4		3	3		2			13
GRAND	1	8	3	4	4	2	1				23
METRO		2	6	4	5	1	1	1			20
NORTH		1	7	5		1					14
SOUTHWEST		8	5	3	2						18
SUPERIOR		6	2	1							9
UNIVERSITY	3	7	3	5		1					19
NUMBER OF BIDS ON PROJECTS	4	33	30	22	14	8	2	3	0	0	Total 116

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

May 19, 2016

The following contracts are being submitted for approval.

STATE PROJECTS

1. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 011 **\$21,606,000.00**
Project: BHI 73112-90238, ETC
Local Agreement:
Start Date: August 1, 2016
Completion Date: September 20, 2018

0.95 mi of roadway reconstruction, bridge rehabilitation and bridge reconstruction on I-75 and I-675 at various locations, Saginaw County. Alternate 1 is concrete reconstruction and includes a 5 year materials and workmanship pavement warranty. Alternate 2 is hot mix asphalt reconstruction and includes a 5 year materials and workmanship pavement warranty.

6.00 % DBE participation required

2. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 012 **\$2,306,000.00**
Project: IM 82123-119189
Local Agreement: 16-5264
Start Date: 10 days after award
Completion Date: September 30, 2018

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

4.00 % DBE participation required

3. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 013 **\$580,000.00**
Project: MIR 41997-126688
Local Agreement: 16-5086
Start Date: July 11, 2016
Completion Date: June 2, 2017

Bridge removal and replacement, riprap and approach reconstruction on Cemetery Drive over Lamberton Creek Bridge, Kent County.

0.00 % DBE participation required

4. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 041 **\$1,136,000.00**
Project: NH 22012-128706
Local Agreement:
Start Date: July 13, 2016
Completion Date: September 19, 2016

6.05 mi of hot mix asphalt cold milling and resurfacing, shoulder aggregate and pavement markings on M-95 from the east M-69 junction northerly to the west M-69 junction, Dickinson County. This project includes a 3 year materials and workmanship pavement warranty.

2.00 % DBE participation required

5. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 043 **\$1,034,000.00**
Project: HSIP 81011-124046
Local Agreement: 16-5087
Start Date: 10 days after award
Completion Date: October 10, 2016

0.17 mi of intersection improvements including hot mix asphalt paving, roundabout design, installation of lighting, reconfiguration of existing driveways, earthwork and pavement markings at M-52 and Werkner Road north of Chelsea, Washtenaw County.

4.00 % DBE participation required

6. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 044 **\$789,000.00**
Project: GF16 83033-128428
Local Agreement:
Start Date: June 27, 2016
Completion Date: September 23, 2016

5.55 mi of ultra-thin overlay on US-131 from north of the Old 131 crossover to south of M-42, Wexford County. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

7. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 045 **\$1,555,000.00**
Project: M 63174-M71642
Local Agreement:
Start Date: 10 days after award
Completion Date: September 30, 2017

14.30 mi of hot mix asphalt patching and longitudinal and transverse joint repairs on I-75 from M-102 (8 Mile Road) to Coolidge Highway in the cities of Troy, Madison Heights, Royal Oak, Ferndale and Hazel Park, Oakland County.

0.00 % DBE participation required

8. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 046 **\$727,000.00**
Project: ST 47066-116568
Local Agreement:
Start Date: 10 days after award
Completion Date: November 30, 2016

Static scale replacement and concrete pavement repair, curb, gutter, sidewalk, traffic signal and pavement markings on I-96 eastbound and westbound at the Fowlerville Weigh Stations, Livingston County.

0.00 % DBE participation required

9. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 047 **\$687,000.00**
Project: M 13074-M51667
Local Agreement:
Start Date: 10 days after award
Completion Date: September 9, 2016

16.26 mi of concrete pavement repairs and joint sealing on I-69 from I-94 to the Calhoun/Eaton county line and on I-94 westbound west of mile marker 112, Calhoun County.

0.00 % DBE participation required

10. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 066 **\$2,259,000.00**
Project: M 25085-M41650
Local Agreement:
Start Date: July 11, 2016
Completion Date: September 17, 2016

5.21 mi of concrete cold milling, joint repairs, hot mix asphalt resurfacing, and drainage structure repairs on I-69 from west of I-75 to M-54 in the city of Flint, Genesee County.

0.00 % DBE participation required

11. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 067 **\$1,436,000.00**
Project: M 63112-M71646
Local Agreement:
Start Date: 10 days after award
Completion Date: September 30, 2016

4.07 mi of hot mix asphalt skip patching on M-24 from Harriet Street to Davidson Lake Road, Oakland County.

0.00 % DBE participation required

12. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 068 **\$634,000.00**
Project: M 63900-M71647
Local Agreement:
Start Date: 10 days after award
Completion Date: September 30, 2017

Guardrail maintenance as needed on various routes, Oakland County.

0.00 % DBE participation required

13. Letting of June 8, 2016 Prequalification Level:
Letting Call: 1606 601 **\$989,000.00**
Project: IM 84927-127523
Local Agreement:
Start Date: July 18, 2016
Completion Date: October 14, 2016

Up to 297.32 total lnmi of hot mix asphalt crack treatment on various trunklines, Macomb and Oakland Counties. This project will be constructed with an innovative contracting method, Fixed Price Variable Scope. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

14. Letting of June 8, 2016 Prequalification Level:
Letting Call: 1606 602 **\$822,000.00**
Project: NH 84927-128938
Local Agreement:
Start Date: 7 days after award
Completion Date: November 6, 2016

Up to 223.02 total lnmi of hot mix asphalt crack treatment on various trunklines, Wayne County. This project will be constructed with an innovative contracting method, Fixed Price Variable Scope. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

15. Letting of June 8, 2016 Prequalification Level:
Letting Call: 1606 603 **\$510,000.00**
Project: NH 84922-127512
Local Agreement:
Start Date: July 11, 2016
Completion Date: 23 Working Days

Up to 175.61 total lnmi of hot mix asphalt crack treatment on various state trunklines and freeways, Antrim, Benzie, Cheboygan, Crawford, Emmet, Grand Traverse, Kalkaska, Manistee, Missaukee, Roscommon and Wexford Counties. This project will be constructed with an innovative contracting method, Fixed Price Variable Scope. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

LOCAL PROJECTS

16. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 001 **\$1,467,000.00**
Project: STU 82457-130419
Local Agreement: 16-5232
Start Date: 10 days after award
Completion Date: 120 Calendar Days

0.65 mi of hot mix asphalt cold milling and resurfacing, cold milling concrete pavement, concrete repair, concrete curb, gutter and sidewalk ramps, watermain and pavement markings on Industrial Avenue from Ferney Avenue to Riverside Drive in the city of Dearborn, Wayne County.

5.00 % DBE participation required

17. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 006 **\$1,754,000.00**
Project: STUL 47469-129645
Local Agreement: 16-5249
Start Date: July 18, 2016
Completion Date: September 18, 2016

2.61 mi of hot mix asphalt cold milling and resurfacing, aggregate base, concrete curb and gutter, drainage, guardrail and pavement markings on Brighton Road from Chilson Road to Bauer Road, Livingston County.

5.00 % DBE participation required

18. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 007 **\$1,322,000.00**
Project: STL 24555-112843
Local Agreement: 16-5247
Start Date: July 5, 2016
Completion Date: November 4, 2016

1.67 mi of hot mix asphalt crushing, shaping, widening and resurfacing, concrete curb, gutter, and sidewalks, sewer, drainage, trenching, aggregate base, pavement markings and slope restoration on West Central Avenue from DeJauncy Street to Wilderness Park Drive in the village of Mackinaw, Emmet County.

4.00 % DBE participation required

19. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 008 **\$841,000.00**
Project: STL 05141-123376
Local Agreement: 16-5228
Start Date: 10 days after award
Completion Date: September 30, 2016

4.56 mi of hot mix asphalt resurfacing, shoulder removal and replacement and aggregate shoulders on C-42 (Alba Highway) from east of Rusnell Road to Green Tunnel Road, Antrim County.

3.00 % DBE participation required

20. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 016 **\$1,588,000.00**
 Project: STU 82457-129784
 Local Agreement: 16-5254
 Start Date: 10 days after award
- Completion Date: 50 Working Days
- 1.06 mi of concrete pavement patching and pavement, hot mix asphalt resurfacing, curb, gutter, concrete sidewalk and ramps, signing and pavement markings on Eureka Road from Middle Belt Road to Inkster Road in the cities of Romulus and Taylor, Wayne County.
- 5.00 % DBE participation required
21. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 017 **\$1,586,000.00**
 Project: STL 81171-130342, ETC
 Local Agreement: 16-5262
 Start Date: 10 days after award
 Completion Date: November 15, 2016
- 9.65 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on various routes, Washtenaw County.
- 3.00 % DBE participation required
22. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 018 **\$1,152,000.00**
 Project: STU 81475-129644
 Local Agreement: 16-5245
 Start Date: September 6, 2016
 Completion Date: October 28, 2016
- 1.15 mi of construction of a roundabout, hot mix asphalt crushing, shaping and resurfacing, gravel shoulders, curb, gutter, drainage, concrete splitter island, and pavement markings on Ann Arbor-Saline Road at Textile Road and on Textile Road from Ann Arbor-Saline Road to Maple Road, Washtenaw County.
- 3.00 % DBE participation required
23. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 022 **\$1,230,000.00**
 Project: STL 62555-127273
 Local Agreement: 16-5252
 Start Date: 10 days after award
 Completion Date: October 29, 2016
- 1.74 mi of hot mix asphalt base crushing, shaping, and resurfacing, earth excavation, storm sewer and pavement marking on 88th Street from Redwood Drive east to Catalpa Avenue, Newaygo County.
- 5.00 % DBE participation required

24. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 025 **\$1,396,000.00**
Project: MCS 73007-122741
Local Agreement: 16-5242
Start Date: 10 days after award
Completion Date: November 15, 2016

Bridge railing replacement, joint replacement, preventative maintenance for structural concrete crack repair and concrete surface coating, Saginaw County.

0.00 % DBE participation required

25. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 026 **\$2,815,000.00**
Project: MCS 13010-118642
Local Agreement: 16-5184
Start Date: 10 days after award
Completion Date: May 19, 2017

Bridge replacement with 54-inch prestressed concrete beams and concrete approach, cofferdams, curb, gutter, drainage, and guardrail work on Raymond Road over the Kalamazoo River, Calhoun County.

0.00 % DBE participation required

26. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 031 **\$2,413,000.00**
Project: STL 58555-126964
Local Agreement: 16-5237
Start Date: 10 days after award
Completion Date: October 28, 2016

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

3.00 % DBE participation required

27. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 032 **\$1,727,000.00**
Project: STU 63459-130423
Local Agreement: 16-5263
Start Date: July 6, 2016
Completion Date: October 15, 2016

1.22 mi of hot mix asphalt cold milling and resurfacing, aggregate base, drainage, paving interlayer, concrete curb, gutter and ramps and guardrail on Novi Road from 12 Mile Road to 13 Mile Road in the city of Novi, Oakland County.

4.00 % DBE participation required

28. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 033 **\$969,000.00**
 Project: STU 39000-121423
 Local Agreement: 16-5281
 Start Date: 10 days after award
 Completion Date: May 30, 2017
- 0.74 mi of hot mix asphalt surfacing, concrete curb, gutter and sidewalk, drainage and pavement markings on Michigan Avenue from Riverview Drive to Wallace Street in the city of Kalamazoo, Kalamazoo County.
- 3.00 % DBE participation required
29. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 034 **\$961,000.00**
 Project: TA 70139-126628
 Local Agreement: 15-5577
 Start Date: 10 days after award
 Completion Date: October 1, 2018
- 1.75 mi of hot mix asphalt shared-use pathway, earthwork, drainage and pavement markings on Spoonville Trail from North Cedar Drive to Leonard Road, Ottawa County.
- 5.00 % DBE participation required
30. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 035 **\$936,000.00**
 Project: EDC 25402-129355
 Local Agreement: 16-5279
 Start Date: 10 days after award
 Completion Date: June 30, 2017
- 0.56 mi of reconstruction and widening for turn lanes including pavement removal, hot mix asphalt base crushing, shaping and surfacing, aggregate base and shoulders, drainage, concrete curb and gutter, water meter vault and watermain on Irish Road at Potter Road and on Potter Road at Irish Road, Genesee County.
- 0.00 % DBE participation required
31. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 036 **\$867,000.00**
 Project: STL 38555-127216
 Local Agreement: 16-5276
 Start Date: 10 days after award
 Completion Date: September 15, 2016
- 9.00 mi of hot mix asphalt cold milling and resurfacing, wedging, single chip sealing, fog sealing and pavement markings on Dearing Road from McCain Road to County Farm Road, Jackson County.
- 3.00 % DBE participation required

32. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 037 **\$763,000.00**
Project: MCS 73011-122793
Local Agreement: 16-5226
Start Date: 10 days after award
Completion Date: June 2, 2017

Bridge removal and replacement with a prestressed concrete I-beam superstructure on concrete abutments, concrete approaches, hot mix asphalt surfacing and guardrail on Curtis Road over Dead Creek, Saginaw County.

0.00 % DBE participation required

33. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 038 **\$587,000.00**
Project: STL 12111-120226-2
Local Agreement: 15-5458
Start Date: June 20, 2016
Completion Date: September 30, 2016

8.03 mi of hot mix asphalt ultra-thin medium volume and spot leveling, aggregate shoulders, butt joints removal and pavement markings on Jonesville Road from Ray Quincy Road easterly to Squires Road, on Southern Road from the west California Township line easterly to Ray Quincy Road, and on Snow Prairie Road from M-86 northerly to Ember Road, Branch County.

0.00 % DBE participation required

34. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 048 **\$6,468,000.00**
Project: STU 63459-130503
Local Agreement: 16-5293
Start Date: 10 days after award
Completion Date: October 1, 2017

1.86 mi of widening for turn lanes and roundabout modifications including hot mix asphalt cold milling and resurfacing, pavement removal, aggregate base, storm sewer, drainage, pavement repairs, concrete curb, gutter, sidewalk and ramps, guardrail and traffic signal on Maple Road from Drake Road to Orchard Lake Road, Oakland County.

5.00 % DBE participation required

35. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 049 **\$2,337,000.00**
Project: STU 63459-129573
Local Agreement: 16-5277
Start Date: 10 days after award
Completion Date: July 1, 2017

1.08 mi of hot mix asphalt base crushing, shaping, and resurfacing, drainage, peat excavation, permanent signing and pavement markings on Rochester Road from Gerst Road north to Bordman Road, Oakland County.

5.00 % DBE participation required

36. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 050 **\$1,298,000.00**
Project: MCS 61003-122822
Local Agreement: 16-5290
Start Date: 10 days after award
Completion Date: May 12, 2017

Bridge removal and replacement with 33-inch prestressed concrete box beams, concrete curb and gutter, guardrail, cofferdams, steel pile driving and approach work on River Road over Cedar Creek, Muskegon County.

0.00 % DBE participation required

37. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 051 **\$942,000.00**
Project: MCS 41016-122819
Local Agreement: 16-5270
Start Date: 10 days after award
Completion Date: November 11, 2016

Replacement of 2 prestressed concrete I-beams located in north side of span 2, deck replacement, substructure repairs, concrete surface coating, concrete sidewalk and approach work on Alger Street Bridge over CSX Railroad in the city of Grand Rapids, Kent County.

0.00 % DBE participation required

38. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 052 **\$766,000.00**
Project: STL 60555-109642
Local Agreement: 16-5251
Start Date: 10 days after award
Completion Date: September 2, 2016

1.94 mi of hot mix asphalt base crushing, shaping, and resurfacing, aggregate shoulders and approaches on County Road 624 from Rush Lake Road east to Voyer Lake Road, Montmorency County.

4.00 % DBE participation required

39. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 053 **\$729,000.00**
Project: STU 23609-127373
Local Agreement: 16-5154
Start Date: July 6, 2016
Completion Date: October 29, 2016

0.34 mi of hot mix asphalt removal and resurfacing, restoration, storm and sanitary sewer, watermain, sidewalk and pavement markings on South Jenne Street from Edwards Street to M-43 in the city of Grand Ledge, Eaton County.

3.00 % DBE participation required

40. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 054 **\$605,000.00**
 Project: STL 71555-112808
 Local Agreement: 16-5278
 Start Date: 10 days after award
 Completion Date: October 14, 2016
- 2.96 mi of hot mix asphalt base crushing, shaping and resurfacing, paved and aggregate shoulders, culvert replacement and permanent signing on County Road 451 from 638 Highway north to West Mill Highway and from Molski Road north to West 634 Highway, Presque Isle County.
- 0.00 % DBE participation required
41. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 055 **\$721,000.00**
 Project: HPSL 50114-126746
 Local Agreement: 16-5221
 Start Date: 10 days after award
 Completion Date: September 30, 2016
- 0.81 mi of hot mix asphalt shared-use path construction, concrete curb, gutter and sidewalk, drainage, sewer, and fire hydrant relocation on North River Road from east of Bridgeview Street to MacRay Boulevard, Macomb County.
- 4.00 % DBE participation required
42. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 056 **\$1,570,000.00**
 Project: TA 27053-126752
 Local Agreement: 16-5286
 Start Date: 10 days after award
 Completion Date: September 23, 2016
- 4.20 mi of hot mix asphalt, concrete and timber shared-use path and rehabilitation of 4 bridges with precast concrete deck, culverts, concrete sidewalk, fencing and signage on the Ironwood to Bessemer Non-Motorized Trail from the city of Ironwood east of Easy Street to South Moore Street in the city of Bessemer, Gogebic County.
- 3.00 % DBE participation required
43. Letting of June 3, 2016 Prequalification Level:
 Letting Call: 1606 057 **\$673,000.00**
 Project: STU 23403-129862
 Local Agreement: 16-5292
 Start Date: 10 days after award
 Completion Date: September 15, 2016
- 1.00 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk, storm sewer and pavement markings on St. Joe Highway from Canal Road to Creyts Road, Eaton County.
- 4.00 % DBE participation required

44. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 062 **\$1,570,000.00**
Project: STUL 38409-127437
Local Agreement: 16-5257
Start Date: 10 days after award
Completion Date: June 1, 2017

0.37 mi of hot mix asphalt reconstruction, sanitary sewer, concrete curb and gutter, drainage structure replacement, sidewalk and pavement markings on South Mechanic Street from Morrell Street to Washington Avenue, Jackson County.

5.00 % DBE participation required

45. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 063 **\$1,225,000.00**
Project: STU 33403-129437, ETC
Local Agreement: 16-5291
Start Date: 10 days after award
Completion Date: May 19, 2017

2.17 mi of hot mix asphalt cold milling and resurfacing, widening for left-turn lane and departing taper with grading, concrete curb, gutter and sidewalk, aggregate base, storm sewer and traffic signal on Park Lake Road from Grand River Avenue to Merritt Road and on Mount Hope Road at Hagadorn Road, Ingham County.

5.00 % DBE participation required

46. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 064 **\$1,196,000.00**
Project: STUL 73404-120714
Local Agreement: 16-5304
Start Date: 10 days after award
Completion Date: November 23, 2016

0.74 mi of hot mix asphalt surface removal and surfacing, machine grading, sand subbase, aggregate base, storm sewer, drainage, and concrete curb, gutter and ramps on Hemmeter Road from Brockway Street to State Street (M-58), Saginaw County.

6.00 % DBE participation required

47. Letting of June 3, 2016 Prequalification Level:
Letting Call: 1606 065 **\$935,000.00**
Project: STUL 77475-130452
Local Agreement: 16-5294
Start Date: 10 days after award
Completion Date: September 30, 2016

1.37 mi of hot mix asphalt base crushing, shaping and resurfacing, embankment, aggregate base, aggregate shoulders, culverts and storm sewers on Capac Road from south of Terry Road northerly to Burt Road, St. Clair County.

4.00 % DBE participation required

48. Letting of June 3, 2016
Letting Call: 1606 069
Project: STU 33403-129436
Local Agreement: 16-5299
Start Date: 10 days after award
Completion Date: May 12, 2017

Prequalification Level:
\$1,738,000.00

3.10 mi of hot mix asphalt cold milling, resurfacing and joint sealing, paving interlayer, aggregate shoulder, storm sewer, concrete curb, gutter and ramp, slope restoration, traffic signal and pavement markings on Holt Road from Grovenburg Road to Aurelius Road, Ingham County.

5.00 % DBE participation required

49. Letting of June 3, 2016
Letting Call: 1606 070
Project: TA 41401-126702
Start Date: June 27, 2016
Completion Date: May 10, 2017
Local Agreement: 16-5282

Prequalification Level:
\$1,913,000.00

Construction of pedestrian safety improvements at 8 locations near I-196 and near US-131 in the city of Grand Rapids, Kent County.

5.00 % DBE participation required

50. Letting of June 3, 2016
Letting Call: 1606 072
Project: STL 03555-119343
Local Agreement: 16-5298
Start Date: 10 days after award
Completion Date: November 11, 2016

Prequalification Level:
\$1,048,000.00

0.89 mi of hot mix asphalt widening and culverts on 4th Street from 122nd Avenue to 124th Avenue, Allegan County.

6.00 % DBE participation required

51. Letting of June 3, 2016
Letting Call: 1606 073
Project: NH 41481-124408
Local Agreement: 16-5283
Start Date: July 5, 2016
Completion Date: June 20, 2017

Prequalification Level:
\$1,450,000.00

0.54 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage, pavement markings, landscaping and traffic signal on Leonard Street from Alpine Avenue to Turner Avenue in the city of Grand Rapids, Kent County.

3.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of August 25, 2015.

Respectfully submitted,

Kirk T. Steudle
Director

REQUEST FOR MICHIGAN STATE
TRANSPORTATION COMMISSION APPROVAL

LETTING EXCEPTIONS AGENDA

March 24, 2016

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

STATE PROJECTS

- 1. Letting of April 27, 2016
 Letting Call: 1604 201
 Project: NHG 84926-128155
 Local Agreement:
 Start Date: 10 days after award
 Completion Date: April 13, 2018
 Low Bid: **\$480,316.08**
 Engineer Estimate: \$403,684.46
 Pct Over/Under Estimate: 18.98 %

Installation of traffic signal devices at various locations on the state highway system, Clinton, Eaton, Hillsdale, Ingham, Jackson, Lenawee, Livingston, Monroe, and Washtenaw Counties. This project will utilize Job Order Contracting delivery method.

No DBE participation required

Bidder	As-Submitted	As-Checked	
Rauhorn Electric, Inc.	\$480,316.08	Same	1 **
J. Ranck Electric, Inc.	\$565,014.27	Same	2

Total Number of Bidders: 2

2. Letting of May 6, 2016
 Letting Call: 1605 049
 Project: NH 82211-120062-2
 Local Agreement:
 Start Date: 10 days after award
 Completion Date: April 14, 2017

Low Bid: **\$3,633,115.65**
 Engineer Estimate: \$3,220,384.67
 Pct Over/Under Estimate: 12.82 %

Bridge rehabilitation, removal and replacement with prestressed concrete box-beams, shallow overlay, scour countermeasures, and approach roadway reconstruction on M-85 over Marsh Creek and Frank & Poet Drain, Wayne County.

6.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
C. A. Hull Co., Inc.	\$3,633,115.65	Same	1 **
Z Contractors, Inc.	\$3,666,820.48	Same	2
E. C. Korneffel Co.	\$3,679,099.91	Same	3
Dan's Excavating, Inc.	\$3,694,215.50	Same	4
Anlaan Corporation	\$4,139,303.00	Same	5

Total Number of Bidders: 5

3. Letting of May 6, 2016
 Letting Call: 1605 052
 Project: NH 15012-122566
 Local Agreement:
 Start Date: December 12, 2016
 Completion Date: May 25, 2017

Low Bid: **\$1,936,179.73**
 Engineer Estimate: \$1,684,752.08
 Pct Over/Under Estimate: 14.92 %

Bascule bridge rehabilitation, electrical, mechanical, structural and bridge approach reconstruction on US-31 over Pine River in the city of Charlevoix, Charlevoix County.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Anlaan Corporation	\$1,936,179.73	Same	1 **
Milbocker and Sons, Inc.	\$2,217,789.25	Same	2
Davis Construction, Inc.	\$2,287,964.61	Same	3
Zenith Tech, Inc.	\$2,305,267.26	Same	4

Total Number of Bidders: 4

LOCAL PROJECTS

4. Letting of May 6, 2016
 Letting Call: 1605 035
 Project: EDCF 63544-129601
 Local Agreement: 16-5224
 Start Date: 10 days after award
 Completion Date: July 15, 2017
- Low Bid: **\$7,920,805.82**
 Engineer Estimate: \$7,170,798.25
 Pct Over/Under Estimate: 10.46 %

1.45 mi of hot mix asphalt removal and resurfacing, concrete pavement, filler wall, curb, gutter, sidewalk and ramps, earth excavation, embankment, aggregate base, storm sewer, drainage, traffic signal and pavement markings on Dequindre Road from Burningbush Road to Utica Road in the cities of Troy, Rochester Hills and Sterling Heights, Oakland and Macomb Counties.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Dan's Excavating, Inc.	\$7,920,805.82	Same	1 **
Florence Cement Company	\$8,818,910.29	Same	2
Angelo Iafrate Construction Company	\$8,897,314.29	Same	3

Total Number of Bidders: 3

5. Letting of May 6, 2016
 Letting Call: 1605 061
 Project: HSIP 25609-127308
 Local Agreement: 16-5201
 Start Date: 10 days after award
 Completion Date: May 26, 2017
- Low Bid: **\$1,178,333.51**
 Engineer Estimate: \$997,041.00
 Pct Over/Under Estimate: 18.18 %

Installation of an adaptive traffic control system including communication interface and related equipment at 17 intersections on Linden Road and Miller Road, Genesee County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Dan's Excavating, Inc.	\$1,178,333.51	Same	1 **
J. Ranck Electric, Inc.	\$1,251,302.39	Same	2
Rauhorn Electric, Inc.	\$1,314,454.95	Same	3

Total Number of Bidders: 3

6. Letting of May 6, 2016
 Letting Call: 1605 067 Low Bid: **\$555,450.62**
 Project: STL 67555-110338 Engineer Estimate: \$545,317.16
 Local Agreement: 16-5218 Pct Over/Under Estimate: 1.86 %
 Start Date: July 11, 2016
 Completion Date: 14 Working Days

14.81 mi of single chip sealing, fog sealing and pavement markings on 135th Avenue from Kalium Plant north to US-10, on 18 Mile Road from US-131 to 140th Avenue, and on 80th Avenue from 15 Mile Road to M-115, Osceola County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Highway Maint. and Const. Company	\$555,450.62	Same	1 **

Total Number of Bidders: 1

7. Letting of May 6, 2016
 Letting Call: 1605 099 Low Bid: **\$522,995.91**
 Project: STUL 58471-129602, ETC Engineer Estimate: \$523,096.92
 Local Agreement: 16-5231 Pct Over/Under Estimate: -0.02 %
 Start Date: 10 days after award
 Completion Date: August 30, 2016

14.76 mi of single chip sealing and pavement markings on Clark Road, Consear Road, Dean Road, Dunbar Road, Grafton Road and Raisinville Road, Monroe County.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Pavement Maintenance Systems, LLC	\$522,995.91	Same	1 **

Total Number of Bidders: 1

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 August 25, 2015.

Respectfully submitted,

Kirk T. Steudle
 Director

EXHIBIT B
Construction Contracts - MDOT Projects
Items to the Commission - May 19, 2016

Total Over the Original Cost (All MDOT) \$6,771,763.71	Total Over the Original Cost (MDOT/MDOT) \$6,302,438.73	Total Over the Original Cost (MDOT/Cons) \$469,324.98
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	Number of Projects Over 10% (4 Total)	Total Original Contract Amount \$44,347,609.95	Total Final Contract Amount \$51,119,373.66	Total Increase or Decrease \$6,771,763.71	Total Percent 15.27%
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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	77111	82503	Installation of security system on I-94 on the Blue Water Bridge and Plaza and at the Blue Water Bridge Maintenance Facility in the city of Port Huron, St. Clair County.	EO Integrated Systems, Inc.	\$2,989,900.00	\$3,459,224.98	\$469,324.98	15.70%	6/23/2008	2/15/2009	12/22/2014	11/04/15	C	Reason #1: CM #4 includes additional work and items that were needed to install security fencing around bents. Bents are a metal multi column vertical support and fencing is needed around them for protection. The work was intended for another project, but integration into the security system made the work more feasible to be performed on this project. The additional costs were needed for items unforeseen in the plans. Reason #2: A value engineering payment to the contractor was added to CM #4 for a total of \$119,266.32. The value engineering proposal removed galvanized rigid steel conduit from being attached to the bridge and replaced it with HDPE conduit that was directional bored under the structure. It allowed for a total savings of \$225,728.60 and reduced that time for that portion of work by 30%. Reasons 1-2 accounts for \$401,770.04, or 86% of the total project cost increases.
North	24011	113442	0.48 mi of hot mix asphalt cold milling, resurfacing and reconstruction, median construction, drainage work, traffic signal work, bridge railing reconstruction, joint replacement, epoxy overlay, and concrete restoration of US-31 from US-131 northerly to Liberty Street in the city of Petoskey, Emmet County. This project includes a 3 year materials and workmanship pavement warranty.	C. A. Hull Co., Inc.	\$3,114,288.04	\$3,564,950.75	\$450,662.71	14.47%	3/24/2014	6/20/2014	10/6/2014	06/02/15	M	Reason #1: CM #2 includes \$400,000 of Local Roads and Risks Reserve "RRR" funds that were added to job number 113442A. This RRR funding was requested by the city of Petoskey and approved by the legislature with the intent to add the additional work to 113442A. Since 113442A was already awarded, the additional work needed to be added the contract via a contract modification. A new job number could not be added to the contract after award, therefore a new category (007) was added to 113442A which consisted of the \$400,000 of RRR funds only. Reason 1 accounts for \$400,000, or 89% of the total project cost increases.
Bay	73062	109601	2.28 mi of hot mix asphalt non-motorized path construction within private easements and Consumers Energy utility corridor from Saginaw Valley Rail Trail northerly to Shields Drive, Saginaw County.	Crawford Contracting, Inc.	\$619,207.01	\$727,260.70	\$108,053.69	17.45%	5/6/2013	9/19/2015	9/18/2015	01/28/16	M	Reason #1: CM #1 explains an increase to actual placed/measured aggregate which equated to \$16,339.86 which was necessary to provide adequate support for the paved path. The remaining increases were for drainage items that were missed in design. Reason #2: CM #3 increase was due to additional underestimated Turf Establishment of \$33,884.45 and Embankment of \$19,007.94, both of which were results of inaccurate slope stake lines for estimating restoration items. Reason #3: CM #5 was for an increase of \$8,550.00 for drainage issues encountered upon project completion due to design error. Several areas experienced trapped/standing water after project completion and required additional drainage work to ensure proper drainage and increase the life of the pavement. Reason 1-3 account for \$77,782.25, or 72% of the total project cost increases.
Superior	17033	124087	9.68 mi of hot mix asphalt cold milling and single course resurfacing with fiber reinforced membrane interlayer on I-75 from north of the Mackinac/Chippewa County Line northerly to north of M-80, Chippewa County. This project includes a 3 year materials and workmanship pavement warranty.	Payne & Dolan Inc.	\$3,181,391.02	\$3,615,183.72	\$433,792.70	13.64%	7/6/2015	10/2/2015	9/28/2015	01/13/16	M	Reason #1: CM #1 included an increase of 6,376.64 tons of HMA, 5E1 due to increased application rate on main line, and also due to milling and paving an increased width on the interchange ramps to account for the ramp shoulders. Contract quantity for HMA 5E1 was based on an application rate of 165 lbs/syd however the actual application rate was closer to 195 lbs/syd. The actual application rate increased because this was an HMA mill and fill project with the existing main line HMA shoulders being left in place, with the cold milling depth specified as 2 inches, and with the HMA overlay being placed on top of a fiber reinforced bituminous membrane which turned out to be thinner than anticipated. By the time the increased yield was discovered, and the thickness of the membrane interlayer identified as the reason, almost the entire project had already been cold milled at 2 inches deep and the HMA application rate had to be increased at that point to make up the difference and match the grades of the existing adjacent HMA shoulders that were being left in place. The 30 lbs/syd was added so that the travelled lanes would not be low because there would have been a lip at the edge of the shoulder (with the shoulder higher than the travelled lane) and water would have been trapped on the surface of the travelled lane. Reason #2: CM #6 included an increase of \$66,013.00 for Longitudinal Joint Density Quality Initiative. The Contractor achieved maximum allowable longit joint density quality initiative, which is a higher incentive amount than what was calculated by design when this item was set up. Therefore, they were entitled to higher incentive than original amount. Reason 1-2 account for \$421,829.51, or 97% of the total project cost increases.

EXHIBIT B
Construction Contracts - MDOT Projects
Items to the Commission - May 19, 2016

Region	Control Section	Job Number	Project Description	Prime Contractor	Original Contract Amount	Final Contract Amount	Increase	Percent	Date Work Started	Expect Compl.	Actual Compl.	Final Date	Designed by MDOT (M) or Consultant (C)	Reason for Additional Project Costs
University	33032	105903	Deep concrete overlay, joint replacement, steel beam repairs, heat straightening structural steel, pin and hanger replacement, substructure repairs, thrie beam retrofit, and approach work on nine bridges located on US-127 from Holt Road to Bellevue Road, Ingham County.	C. A. Hull Co., Inc.	\$2,883,419.84	\$3,235,473.03	\$352,053.19	12.21%	3/31/2014	10/3/2014	4/24/2015	01/19/16	M	Reason #1: CM #3 & 4 included an increase of \$194,670.00 to the Bridge Deck Surface Construction item. Bridge Deck Surface Construction was omitted during design. Reason #2: CM #4 included an increase of \$9,860.00 for Crack Sealer which accounted for Final Field Measurement quantity. Plan quantity was estimated at 100 feet, while the field conditions required 1086 feet to adequately do the job. Reason #3: CM #5 included an extra item of work with a net increase of \$48,300.00 for Epoxy Overlay. This was an alternate fix to the proposed deck patching in the contract. The deck conditions warranted this alternate fix as agreed to by the University Region Bridge Unit. Reason #4: CM #13 included an adjustment item of work with a net increase of \$21,891.00 for Asbestos Materials Removal and Disposal. This was paid via invoice cost (per the Special Provision) and was over the estimated dollar amount set up in the contract. Reason 1-4 account for \$274,721.00, or 78% of the total project cost increases.
University	38131	M61533	1.79 mi of hot mix asphalt cold milling and resurfacing on US-127/M-50 from Boardman Road to north of Springport Road, Jackson County.	Michigan Paving and Materials Company	\$532,322.18	\$773,712.91	\$241,390.73	45.35%	10/29/2015	9/25/2015	11/20/2015	01/13/16	M	Reason #1: CM #1 included increases for cold milling, HMA paving for mainline shoulder US-127, NB & SB Springport ramps & additional permanent pavement markings. This also included extra compensation for the added construction stages. Additional funds were made available from the University Region's maintenance budget after the letting. The shoulders and ramps were originally planned as part of the project as it began development but were cut based on some expected needs at the other TSC's for using the money. These needs were rectified at the various TSC's freeing up the funds to be put back into this project. Reason 1 accounts for \$241,390.73, or 100% of the total project cost increases.
Bay	73111	87509	4.21 mi of concrete reconstruction, hot mix asphalt and epoxy overlays, drainage, safety, and ramp improvements, joint sealing, full bridge replacement, full paint, substructure repairs, concrete surface coating, and approach work from Janes Road to I-675 in the city of Zilwaukee, Saginaw County. This project includes a 5 year materials and workmanship pavement warranty and a 2 year bridge painting warranty.	Walter Toebe Construction Company	\$29,429,735.17	\$32,748,028.56	\$3,318,293.39	11.28%	9/25/2012	9/19/2016	11/24/2015	02/17/16	M	Reason #1: CM #13 included an increase of \$2,330,143.00. The project encountered significant delays due to disagreement between MDOT and the Contractor in regards to handling of foundry sand within the project limits. This disagreement resulted in the project coming to a standstill while the disagreement was resolved. This resulted in a need to pay the contractor to expedite/accelerate the work to keep the project on track for completion. This increased cost was negotiated with the contractor. The negotiated amount included input from the current Chief Operations Officer, Bureau Directors, Bay Region Engineer, and Bay City TSC Manager. Reason 1 accounts for \$2,330,143.00, or 70% of the total project cost increases.
Grand	61075	110685	0.47 mi of hot mix asphalt widening and reconstruction to extend existing ramp acceleration and deceleration lanes, drainage, and guardrail on US-31 at M-120, Muskegon County.	Rieth-Riley Construction Co., Inc.	\$324,939.81	\$1,448,126.06	\$1,123,186.25	345.66%	7/8/2014	6/15/2015	10/22/2015	02/23/16	M	Reason #1: CM#2 (\$24,633.00) and CM#4 (\$21,089.40) included increases totaling \$45,722.40 to make short term repairs to a sinkhole and damaged culvert within the project limits. On July 18, 2014 a sinkhole formed during final paving that was within the closed off ramp. The sinkhole was approximately 10 FT in diameter and 8 FT deep. It was determined that the sinkhole was caused by holes in the underlying twin 8 FT diameter culverts that carried Bear Creek. Reason #2: CM#5 (\$999,790.00), #6 (\$7,752.85) and #7 (\$54,000.00) included increases totaling \$1,061,542.85 to make long term repairs to the culverts. While the short term repairs were in place we obtained the necessary permits and developed plans for long term repairs of the culverts which included cured in place liners for all 4 culverts that carried Bear Creek under US-31. The work was completed in the fall of 2015. Reasons 1-2 account for \$1,107,265.25, or 99% of the total project cost increases.
Superior	17033	110622	0.81 mi of replacing 64-inch by 75-inch corrugated metal pipe and 81-inch by 59-inch arch pipe with a 137-inch by 87-inch steel plate arch and an 87-inch by 63-inch steel plate arch, respectively, including hot mix asphalt cold milling and paving, concrete base course, curb and gutter, detour route improvements, and pavement markings on I-75 from north of Mackinac Trail northerly to south of the I-75 and M-28 interchange, Chippewa County.	Elmer's Crane and Dozer, Inc.	\$1,272,406.88	\$1,547,412.95	\$275,006.07	21.61%	8/27/2014	10/31/2015	7/30/2015	02/05/16	M	Reason #1: CM #1 included an increase of \$226,440.00 for material costs incurred due to leaving temporary steel sheet piling in place. This change was made at the direction of MDOT and was done to avoid deconsolidating structural backfill within the critical backfill zone during removal of the temporary steel sheet pile. Reason 1 accounts for \$226,440.00, or 82% of the total project cost increases.

EXHIBIT B
Construction Contracts - Local Projects
Items to the Commission - May 19, 2016

Total Over the Original Cost (All Local) \$441,849.22	Total Over the Original Cost (Local/Local) \$260,911.22	Total Over the Original Cost (Local/Cons) \$180,938.00
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	Number of Projects Over 10% (3 Total)	Total Original Contract Amount \$3,305,216.09	Total Final Contract Amount \$3,747,065.31	Total Increase or Decrease \$441,849.22	Total Percent 13.37%	
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Region	Control Section	Job Number	Project Description	Prime Contractor	Original Contract Amount	Final Contract Amount	Increase	Percent	Date Work Started	Expect Compl.	Actual Compl.	Finaled Date	Designed by Local (L) or Consultant (C)	Reason for Additional Project Costs
Superior	7555	124278	Application of permanent pavement markings on various routes countywide, Schoolcraft County.	P.K. Contracting, Inc.	\$184,561.32	\$208,053.44	\$23,492.12	12.73%	5/26/2015	8/28/2015	6/3/2015	8/10/2015	L	<u>Reason #1:</u> The item for pavement markings was changed from Waterborne to recessed Modified Urethane on Tannery Road. Tannery Road is winding and curvy, the area experiences a lot of snowplow traffic in the winter time. Due to the heavy traffic it was decided to change the item to modified urethane recessed so that the pavement markings would last longer and remain more visible as winter progressed. Reason 1 accounts for 100% of the total project cost increases.
Superior	31013	123754	Application of pavement markings on various routes, countywide, Houghton County.	P.K. Contracting, Inc.	\$20,252.65	\$22,631.20	\$2,378.55	11.74%	6/8/2015	6/12/2015	6/8/2015	1/12/2016	L	<u>Reason #1:</u> There were areas within the project limits that at the time of the project design the pavement markings were sufficient and were not going to be repainted under this contract. Due to a harsh winter and extensive plow damage it was found that the line painting areas left out were no longer sufficient and had to be repainted. This additional line painting was added to the contract. Reason 1 accounts for \$2,378.20, or 100% of the total project cost increases.
Superior	22522	118961	4.90 mi of hot mix asphalt crushing, shaping and resurfacing, embankment, earth and peat excavation, guardrail, culvert, and pavement marking on Lake Antoine Road from US-2 north to US-2 in the cities of Quinnesec and Iron Mountain, Dickinson County.	Payne & Dolan Inc.	\$2,264,990.01	\$2,500,030.56	\$235,040.55	10.38%	9/3/2013	6/1/2014	8/20/2014	2/2/2016	L	<u>Reason #1:</u> CM #2 and #4 include increases of \$189,064.69 for HMA modifications as requested by MDOT and the County. These modifications were necessary due to the elimination of Recycled Asphalt Shingles (RAS) in the HMA mixtures. The special provision to allow RAS in the HMA mixtures was inadvertently included in the contract for this local agency project. Reason 1 accounts for \$189,064.69, or 80% of the total project cost increases.
Metro	63609	123785	0.21 mi of hot mix asphalt cold milling and resurfacing, miscellaneous concrete pavement, concrete driveway, curb, gutter, sidewalk and ramps, earthwork, aggregate base, traffic signals, permanent signs, and pavement markings on East Walton Boulevard at Giddings Road in the city of Pontiac, Oakland County.	Florence Cement Company	\$356,608.01	\$405,816.21	\$49,208.20	13.80%	6/15/2015	8/29/2015	8/27/2015	2/23/2016	C	<u>Reason #1:</u> CM #2 includes an increase of \$4,240.00 for Casing. This was necessary to construct the strain pole foundations in granular soils in relatively close proximity to a water main. <u>Reason #2:</u> CM #3 includes an increase of \$16,224.00 for HMA, LVSP to address an error in the proposal quantity for this item, which was less than the quantity indicated on the plan sheets for this item of work. <u>Reason #3:</u> CM #3 includes in an increase of \$13,218.05 for removing and salvaging aggregate base that had been placed, performing a subgrade undercut, and then replacing and compacting the aggregate base. This work was necessary to achieve density on the base course. Reasons 1-3 account for \$33,682.05, or 71% of the total increase to the project costs.
Bay	73020	115755	Partial painting of steel beams and pin and hanger replacement on Johnson Street over the Saginaw River in the city of Saginaw, Saginaw County.	Atsalis Brothers Painting Co.	\$478,804.10	\$610,533.90	\$131,729.80	27.51%	5/1/2015	9/1/2015	9/1/2015	2/18/2016	C	<u>Reason #1:</u> The project was scoped several years before design. A substantial amount of paint deteriorated beyond the partial painting limits on two tail spans. The tail spans required significant additional square footage of paint. Reason 1 accounts for 100% of the total project cost increases.

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

Current Summary of MDOT Projects

Time Period	Original Contract Cost	Final Contract Cost	Percent Difference
Current Month, April 2016	\$44,680,373.70	\$46,605,861.17	4.31%
March 2016	\$92,275,895.74	\$93,781,395.88	1.63%
2016 Fiscal Year	\$398,605,739.77	\$403,909,960.92	1.33%

Five Year Summary of MDOT Projects

Calendar Year	Original Contract Cost	Final Contract Cost	Percent Difference
2011	\$833,072,906.02	\$842,999,015.92	1.19%
2012	\$771,130,483.23	\$768,530,401.94	-0.34%
2013	\$1,127,211,347.22	\$1,139,133,968.99	1.06%
2014	\$645,898,553.12	\$649,413,716.71	0.54%
2015	\$709,329,893.84	\$712,559,685.99	0.46%
2016	\$254,225,107.89	\$260,418,854.90	2.44%

MDOT

CONSTRUCTION PROJECTS FINALED IN MARCH 2016

					4					4					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				
					\$92,275,895.74					\$75,495,654.93					\$16,780,240.81				
					Total Over the Original Cost					Total Over the Original Cost					Total Over the Original Cost				
					1,505,500.14					311,245.83					1,194,254.31				
					Projects Finalized This Month (47 Total)		Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent	# of Jobs Over 10%	# of Jobs Under							
							92,275,895.74	93,781,395.88	1,505,500.14	1.63%	3	28							
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	3/7/2016	RRRF	6072	123045A	1,449,617.72	1,455,911.00	6,293.28	0.43%		8/27/2014	11/7/2014	11/13/2014	6	M					
Bay	3/21/2016	BHT	6072	111802A	548,507.74	529,380.38	(19,127.36)	-3.49%		7/21/2014	5/15/2015	6/30/2015	46	M					
Bay	3/7/2016	PRIP	73032	124255A	499,438.35	514,035.77	14,597.42	2.92%		9/26/2014	10/17/2014	10/17/2014	0	M					
Bay	3/9/2016	M	73171	M41501	114,014.25	106,359.83	(7,654.42)	-6.71%		9/14/2015	10/30/2015	9/30/2015	-30	M					
Bay	3/7/2016	RRRF	73173	123042A	1,857,050.89	1,756,037.56	(101,013.33)	-5.44%		8/11/2014	10/3/2014	11/20/2014	48	M					
Bay	3/7/2016	HSIP	84914	125493A	592,421.00	530,425.95	(61,995.05)	-10.46%		5/27/2015	12/1/2015	12/1/2015	0	M					
Bay	3/7/2016	HSIP	84914	125489A	2,700,700.84	2,264,340.48	(436,360.36)	-16.16%		6/1/2015	12/4/2015	12/9/2015	5	M					
Grand	3/11/2016	ST	34081	122619A	452,893.27	392,999.62	(59,893.65)	-13.22%		7/21/2015		10/6/2015	0	M					
Grand	3/11/2016	ST	34081	122621A	547,419.97	493,581.59	(53,838.38)	-9.83%		7/27/2015		10/6/2015	0	M					
Grand	3/30/2016	IM	41024	106793A	5,766,106.39	5,836,114.10	70,007.71	1.21%		3/17/2014	10/31/2016	10/10/2015	-388	M					
Grand	3/30/2016	CM	41024	110784A	2,196,732.91	2,337,896.00	141,163.09	6.43%		3/17/2014	10/31/2016	10/10/2015	-388	M					
Grand	3/14/2016		41063	105714A	6,619,852.72	6,772,157.53	152,304.81	2.30%		3/18/2013	11/7/2015	9/1/2015	-66	M					
Grand	3/14/2016		41063	109661A	1,229,091.52	1,187,839.48	(41,252.04)	-3.36%		3/18/2013	11/7/2015	9/1/2015	-66	M					
Grand	3/14/2016		41063	112754A	904,051.51	910,132.13	6,080.62	0.67%		3/18/2013	11/7/2015	9/1/2015	-66	C					
Grand	3/30/2016	BHO	70024	109751A	979,073.33	1,023,917.22	44,843.89	4.58%		9/17/2013	6/6/2014	10/13/2015	495	C					
Grand	3/31/2016	HSIP	84913	125494A	2,194,297.16	2,082,203.65	(112,093.51)	-5.11%		6/3/2015	12/1/2015	11/16/2015	-15	M					
Grand	3/18/2016	IMG	84913	113334A	3,165,896.06	3,193,144.53	27,248.47	0.86%		5/4/2015	10/26/2015	11/9/2015	14	C					
Metro	3/8/2016	NH	63031	123992A	1,568,479.76	2,978,327.16	1,409,847.40	89.89%	*	4/23/2015	8/31/2015	10/6/2015	36	M					
Metro	3/18/2016	IM	63174	126564A	872,123.51	887,081.58	14,958.07	1.72%		7/16/2015	11/15/2015	11/15/2015	0	M					
Metro	3/17/2016	HSIP	82021	113815A	115,364.08	99,595.69	(15,768.39)	-13.67%		5/28/2015	8/31/2015	9/24/2015	24	M					
Metro	3/17/2016	IM	82021	123923A	1,185,399.42	1,162,408.93	(22,990.49)	-1.94%		5/28/2015	8/31/2015	9/24/2015	24	M					
Metro	3/24/2016	STG	82081	113331A	556,151.91	560,659.24	4,507.33	0.81%		3/16/2015	7/31/2015	7/10/2015	-21	C					
North	3/16/2016	STR	18022	122767A	148,742.54	121,042.69	(27,699.85)	-18.62%		6/18/2015	8/14/2015	10/22/2015	69	M					
North	3/25/2016	STR	20021	126329A	148,342.58	187,950.64	39,608.06	26.70%	*	10/9/2015	10/20/2015	10/30/2015	10	M					
North	3/22/2016	NH	43022	88817A	777,485.23	751,319.01	(26,166.22)	-3.37%		8/5/2015	10/16/2015	9/16/2015	-30	M					
North	3/22/2016	NH	53034	121304A	1,066,383.82	1,101,193.74	34,809.92	3.26%		9/28/2015		10/23/2015	0	M					
North	3/23/2016	NH	69013	123222A	3,090,466.02	3,212,066.06	121,600.04	3.93%		9/21/2015	11/14/2015	11/10/2015	-4	M					
North	3/14/2016	ST	75061	120641A	155,259.24	196,110.43	40,851.19	26.31%	*	9/8/2015	10/15/2015	10/15/2015	0	M					

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LOCAL

CONSTRUCTION PROJECTS FINALED IN MARCH 2016

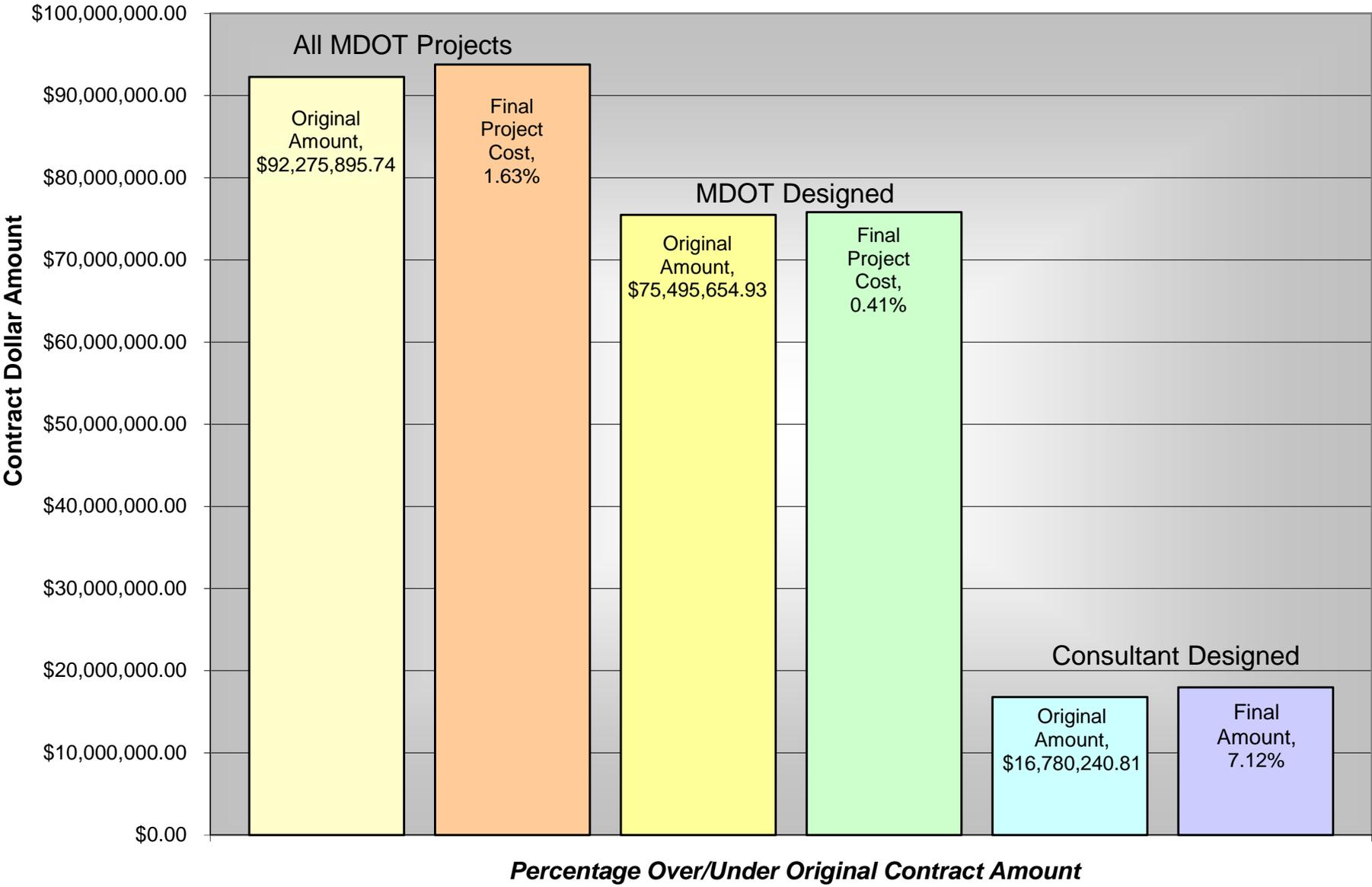
LOCAL PROJECTS FINALED THIS MONTH (83 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT		# OF JOBS OVER 10%	#OF JOBS UNDER
				47,422,551.76	46,748,402.64	(674,149.12)	-1.42%		3	53
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
3/14/2016	STL	1555	109595A	238,207.09	243,135.69	4,928.60	2.07%		5/14/2015	C
3/11/2016	ER	3005	122218A	259,403.43	264,846.05	5,442.62	2.10%		5/7/2014	C
3/16/2016	BHO	3010	118598A	79,312.42	74,341.05	(4,971.37)	-6.27%		9/8/2015	C
3/16/2016	BHO	3012	118604A	102,791.73	101,209.62	(1,582.11)	-1.54%		9/8/2015	L
3/8/2016	CMG	3400	120968A	233,751.38	228,164.58	(5,586.80)	-2.39%		10/26/2015	C
3/11/2016	CM	3400	120967A	394,204.94	421,132.05	26,927.11	6.83%		5/7/2014	C
3/18/2016	CM	3400	120969A	254,284.00	227,994.19	(26,289.81)	-10.34%		8/24/2015	L
3/9/2016	STUL	3405	124447A	289,220.80	280,960.83	(8,259.97)	-2.86%		9/17/2015	L
3/11/2016	STL	3555	119342A	1,562,398.41	1,490,893.20	(71,505.21)	-4.58%		5/7/2014	C
3/25/2016	STL	5555	102485A	257,210.74	253,407.62	(3,803.12)	-1.48%		9/22/2014	C
3/15/2016	BHT	9010	115712A	297,288.98	267,128.85	(30,160.13)	-10.15%		11/10/2014	C
3/15/2016	STUL	9408	115997A	1,097,000.00	1,113,626.69	16,626.69	1.52%		4/24/2014	C
3/15/2016	EDA	9522	123118A	826,194.52	805,466.64	(20,727.88)	-2.51%		7/31/2014	C
3/15/2016	EDA	9522	123119A	341,153.04	340,112.44	(1,040.60)	-0.31%		7/31/2014	C
3/29/2016	BRO	11021	118606A	797,350.08	899,562.62	102,212.54	12.82%	*	6/4/2015	C
3/9/2016	CM	11400	123274A	235,860.45	207,038.61	(28,821.84)	-12.22%		7/13/2015	C
3/21/2016	CMG	11400	118067A	254,050.17	216,849.93	(37,200.24)	-14.64%		8/4/2014	C
3/30/2016	STU	11400	122583A	198,657.96	188,661.25	(9,996.71)	-5.03%		9/23/2015	L
3/14/2016	STUL	13566	125522A	619,601.08	596,100.62	(23,500.46)	-3.79%		3/26/2015	C
3/15/2016	STUL	14442	126218A	122,933.83	120,757.34	(2,176.49)	-1.77%		10/26/2015	C
3/14/2016	BHT	19015	122998A	261,064.64	274,052.82	12,988.18	4.98%		7/6/2015	L
3/14/2016	STL	19555	124388A	448,671.06	451,665.03	2,993.97	0.67%		7/6/2015	L
3/9/2016	BHT	25019	112189A	462,483.51	460,631.80	(1,851.71)	-0.40%		8/4/2015	C
3/9/2016	MCS	25019	112194A	50,930.44	42,776.53	(8,153.91)	-16.01%		8/4/2015	C
3/30/2016	NH	25405	117928A	2,053,914.50	1,785,972.82	(267,941.68)	-13.05%		8/19/2014	C
3/30/2016	BRT	32007	118517A	649,421.11	632,554.61	(16,866.50)	-2.60%		9/11/2015	C
3/31/2016	STL	32555	109508A	864,096.75	854,929.30	(9,167.45)	-1.06%		7/2/2015	L
3/14/2016	STUL	35469	126186A	354,536.40	350,344.18	(4,192.22)	-1.18%		8/14/2015	L
3/7/2016	STL	35555	116202A	300,226.71	317,993.18	17,766.47	5.92%		8/31/2015	L
3/29/2016	STUL	38409	120364A	555,911.97	538,564.89	(17,347.08)	-3.12%		10/21/2013	L
3/29/2016	STUL	38409	120365A	889,366.75	906,064.65	16,697.90	1.88%		4/14/2014	L
3/29/2016	STL	38409	126106A	228,171.58	230,187.57	2,015.99	0.88%		7/6/2015	L
3/29/2016	STL	38555	119269A	658,213.06	655,308.20	(2,904.86)	-0.44%		7/6/2015	L
3/31/2016	CM	39400	118098A	889,951.66	842,971.26	(46,980.40)	-5.28%		6/19/2014	C
3/16/2016	STU	39405	110418A	951,731.25	1,028,904.91	77,173.66	8.11%		6/3/2014	C
3/16/2016	TAU	39405	122894A	193,236.60	249,392.27	56,155.67	29.06%	*	6/3/2014	C
3/22/2016	STU	39405	126139A	315,022.59	280,666.85	(34,355.74)	-10.91%		6/26/2015	C
3/21/2016	STH	39609	119586A	459,574.00	443,868.96	(15,705.04)	-3.42%		9/30/2014	L
3/29/2016	STL	40555	123398A	288,917.41	308,918.86	20,001.45	6.92%		7/9/2015	C
3/31/2016	BHO	41006	118528A	837,406.57	864,096.45	26,689.88	3.19%		7/20/2015	L
3/31/2016	STU	41400	115127A	1,163,450.06	1,171,877.54	8,427.48	0.72%		5/5/2014	C
3/9/2016	NH	41481	124395A	1,525,953.85	1,439,573.35	(86,380.50)	-5.66%		7/13/2015	L
3/11/2016	STU	41481	124559A	910,161.88	918,403.80	8,241.92	0.91%		7/30/2015	L
3/21/2016	STL	42555	116618A	355,363.34	391,672.84	36,309.50	10.22%	*	7/7/2015	C
3/21/2016	STL	42555	124881A	53,719.78	54,620.10	900.32	1.68%		6/10/2015	L
3/28/2016	BRO	43001	115762A	419,918.03	418,621.10	(1,296.93)	-0.31%		9/15/2015	C
3/30/2016	STL	44555	119321A	761,909.97	714,082.59	(47,827.38)	-6.28%		7/6/2015	C

LOCAL

CONSTRUCTION PROJECTS FINALED IN MARCH 2016

LOCAL PROJECTS FINALED THIS MONTH (83 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				47,422,551.76	46,748,402.64	(674,149.12)	-1.42%	3	53	
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
3/2/2016	EDCF	50458	118191A	4,036,036.60	4,029,499.58	(6,537.02)	-0.16%		5/7/2014	L
3/8/2016	BRO	52001	115639A	526,225.00	532,857.81	6,632.81	1.26%		7/24/2013	C
3/8/2016	MCS	52010	112385A	874,946.36	913,886.48	38,940.12	4.45%		7/27/2013	C
3/29/2016	STUL	54436	126188A	434,275.23	374,380.64	(59,894.59)	-13.79%		10/2/2015	C
3/29/2016	STL	54555	127166A	239,250.00	213,966.20	(25,283.80)	-10.57%		10/2/2015	C
3/29/2016	STL	54555	121194A	577,304.71	558,828.92	(18,475.79)	-3.20%		7/27/2015	C
3/9/2016	BRO	63004	112288A	534,133.64	576,923.80	42,790.16	8.01%		2/27/2014	C
3/2/2016	MCS	63010	123015A	73,752.21	67,222.68	(6,529.53)	-8.85%		8/25/2015	L
3/2/2016	MCS	63023	123016A	72,487.49	72,106.60	(380.89)	-0.53%		8/25/2015	L
3/2/2016	MCS	63023	123014A	70,326.96	73,972.47	3,645.51	5.18%		8/25/2015	L
3/2/2016	MCS	63023	123017A	105,845.57	96,765.87	(9,079.70)	-8.58%		8/25/2015	L
3/2/2016	MCS	63023	123013A	53,890.43	30,116.93	(23,773.50)	-44.11%		8/25/2015	L
3/23/2016	NH	63459	123354A	2,912,200.55	3,059,878.84	147,678.29	5.07%		7/14/2014	L
3/18/2016	HSIP	69609	123788A	429,761.45	389,189.35	(40,572.10)	-9.44%		3/26/2015	C
3/29/2016	BRO	70005	118527A	709,958.99	710,322.24	363.25	0.05%		6/8/2015	C
3/29/2016	STUL	70139	123933A	1,126,155.25	1,182,644.85	56,489.60	5.02%		4/27/2015	C
3/30/2016	STU	70139	124366A	292,673.55	274,264.88	(18,408.67)	-6.29%		9/10/2015	C
3/14/2016	STL	71141	120582A	509,637.27	517,418.33	7,781.06	1.53%		4/20/2015	C
3/17/2016	STL	72143	119932A	216,334.23	218,655.60	2,321.37	1.07%		6/4/2015	C
3/17/2016	STL	72555	116213A	185,060.82	179,379.74	(5,681.08)	-3.07%		6/23/2015	C
3/9/2016	BRO	73011	118518A	710,197.88	732,144.28	21,946.40	3.09%		12/10/2014	C
3/16/2016	STL	73145	119172A	606,091.74	596,883.20	(9,208.54)	-1.52%		6/22/2015	C
3/14/2016	STUL	73404	125408A	444,422.45	429,901.63	(14,520.82)	-3.27%		5/11/2015	C
3/25/2016	STL	74151	127464A	175,252.01	164,983.46	(10,268.55)	-5.86%		10/19/2015	C
3/17/2016	TAUL	78434	124259A	601,612.95	565,419.74	(36,193.21)	-6.02%		4/23/2015	C
3/9/2016	STL	79555	109518A	190,776.84	182,495.66	(8,281.18)	-4.34%		5/4/2015	C
3/14/2016	STL	79555	123604A	434,334.56	369,070.19	(65,264.37)	-15.03%		6/25/2015	C
3/31/2016	BRO	80000	118638A	673,847.55	670,787.30	(3,060.25)	-0.45%		8/4/2015	C
3/8/2016	BRO	80003	112374A	377,695.00	389,045.73	11,350.73	3.01%		3/16/2015	C
3/31/2016	HSIP	80609	119602A	618,558.01	557,327.97	(61,230.04)	-9.90%		6/15/2015	C
3/8/2016	STU	81475	126351A	839,145.05	810,402.88	(28,742.17)	-3.43%		6/22/2015	C
3/14/2016	HSIP	81609	123797A	520,370.75	527,011.00	6,640.25	1.28%		5/6/2015	L
3/14/2016	HSIP	81609	123798A	670,478.90	634,014.66	(36,464.24)	-5.44%		5/6/2015	L
3/21/2016	STU	82457	120997A	691,907.70	609,218.46	(82,689.24)	-11.95%		6/4/2014	L
3/21/2016	STL	82457	126866A	273,776.76	234,695.39	(39,081.37)	-14.27%		9/8/2015	L
3/31/2016	STU	82457	121107A	249,626.78	232,612.95	(17,013.83)	-6.82%		5/10/2014	C

MDOT Construction Projects Finaled March 2016



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CONSTRUCTION PROJECTS FINALED IN APRIL 2016

					4						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
					\$44,680,373.70						\$40,120,024.64						\$4,560,349.06
					Total Over the Original Cost						Total Over the Original Cost						Total Over the Original Cost
					1,925,487.47						1,407,053.02						518,434.45
					Projects Finaled This Month (25 Total)	Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent			# of Jobs Over 10%	# of Jobs Under				
						44,680,373.70	46,605,861.17	1,925,487.47	4.31%			5	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	4/6/2016	M	18023	M41576	489,688.08	483,973.16	(5,714.92)	-1.17%		8/10/2015	9/12/2015	8/31/2015	-12	M			
Bay	4/6/2016	CM	32021	115833A	540,546.19	487,105.16	(53,441.03)	-9.89%		5/4/2015	6/20/2015	6/19/2015	-1	M			
Bay	4/27/2016	NH	37014	115676A	217,973.94	219,836.23	1,862.29	0.85%		6/2/2015	8/28/2015	10/16/2015	49	M			
Bay	4/27/2016	BHO	37014	117732A	591,942.61	567,777.52	(24,165.09)	-4.08%		6/2/2015	8/28/2015	10/16/2015	49	M			
Bay	4/6/2016	M	73063	M41503	231,525.82	226,146.89	(5,378.93)	-2.32%		9/9/2015	9/25/2015	9/25/2015	0	M			
Bay	4/6/2016	M	73081	M41504	45,434.97	49,989.67	4,554.70	10.02%	*	9/3/2015	9/30/2015	9/16/2015	-14	M			
Bay	4/6/2016	M	73081	M41505	87,241.00	86,142.41	(1,098.59)	-1.26%		9/8/2015	9/25/2015	9/25/2015	0	M			
Bay	4/6/2016	M	73173	M41502	177,462.52	164,033.25	(13,429.27)	-7.57%		9/9/2015	9/19/2015	9/30/2015	11	M			
Bay	4/6/2016	NH	74061	124007A	1,955,412.70	1,451,347.38	(504,065.32)	-25.78%		5/18/2015		8/5/2015	0	M			
Bay	4/25/2016	STG	84914	119962A	699,739.46	665,150.87	(34,588.59)	-4.94%		5/19/2015	11/13/2015	11/18/2015	5	C			
Metro	4/6/2016	M	50061	M71520	2,293,894.00	2,314,932.16	21,038.16	0.92%		9/8/2015	11/13/2015	12/1/2015	18	M			
Metro	4/19/2016	RRRF	63041	123126A	2,424,800.75	2,753,709.42	328,908.67	13.56%	*	7/8/2014	10/31/2014	5/12/2015	193	M			
Metro	4/21/2016	M	82022	M71481	74,139.71	74,707.36	567.65	0.77%		5/18/2015	7/2/2014	7/2/2015	367	M			
Metro	4/4/2016	BHI	82023	79784A	9,386,232.50	9,350,006.46	(36,226.04)	-0.39%		12/11/2012	9/19/2015	12/10/2015	82	M			
Metro	4/4/2016	IM	82023	80477A	191,944.36	191,944.36	0.00	0.00%		12/11/2012	9/19/2015	12/10/2015	82	M			
Metro	4/15/2016	M	82024	M71403	844,888.43	1,134,079.15	289,190.72	34.23%	*	8/20/2014	9/30/2014	5/15/2015	227	M			
Metro	4/19/2016	ST	82112	123134A	4,083,974.16	4,094,268.01	10,293.85	0.25%		6/10/2015	10/3/2015	11/8/2015	36	M			
Metro	4/20/2016	NH	82194	110565A	2,186,710.20	3,082,496.15	895,785.95	40.97%	*	2/13/2012	11/15/2016	9/11/2015	-431	M			
Metro	4/6/2016	MX	82872	104135A	3,860,609.60	4,413,632.64	553,023.04	14.32%	*	9/19/2014	5/29/2015	6/12/2015	14	C			
Southwest	4/12/2016	NH	3112	73748A	2,439,168.55	2,607,461.11	168,292.56	6.90%		2/9/2015	7/2/2015	6/29/2015	-3	M			
Southwest	4/12/2016	M	78013	M51534	547,349.41	489,181.56	(58,167.85)	-10.63%		8/7/2015	9/3/2015	9/3/2015	0	M			
Southwest	4/12/2016	M	78022	M51535	877,038.76	838,814.95	(38,223.81)	-4.36%		9/14/2015	10/16/2015	9/23/2015	-23	M			
University	4/12/2016	PRIP	33011	124786A	1,396,208.98	1,268,146.06	(128,062.92)	-9.17%		9/30/2014	9/20/2015	5/14/2015	-128	M			
University	4/13/2016	EBSL	33082	110593A	6,630,944.88	7,043,267.59	412,322.71	6.22%		3/4/2013	9/20/2015	9/9/2015	-11	M			
University	4/4/2016	IM	81063	124032A	2,405,502.12	2,547,711.65	142,209.53	5.91%		5/6/2015	8/21/2015	8/30/2015	9	M			
					Original	Final	Over/Under %										
All MDOT					\$44,680,373.70	All MDOT Proj	\$46,605,861.17	4.31%									

MDOT

CONSTRUCTION PROJECTS FINALED IN APRIL 2016

		4					4					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				
		\$44,680,373.70					\$40,120,024.64					\$4,560,349.06				
		Total Over the Original Cost					Total Over the Original Cost					Total Over the Original Cost				
		1,925,487.47					1,407,053.02					518,434.45				
		Projects Finaled This Month (25 Total)			Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent		# of Jobs Over 10%	# of Jobs Under					
					44,680,373.70	46,605,861.17	1,925,487.47	4.31%		5	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.		
		MDOT/MDOT			\$40,120,024.64	MDOT Des.	\$41,527,077.66	3.51%								
		MDOT/Cons.			\$4,560,349.06	Cons. Designed	\$5,078,783.51	11.37%								

LOCAL

CONSTRUCTION PROJECTS FINALED IN APRIL 2016

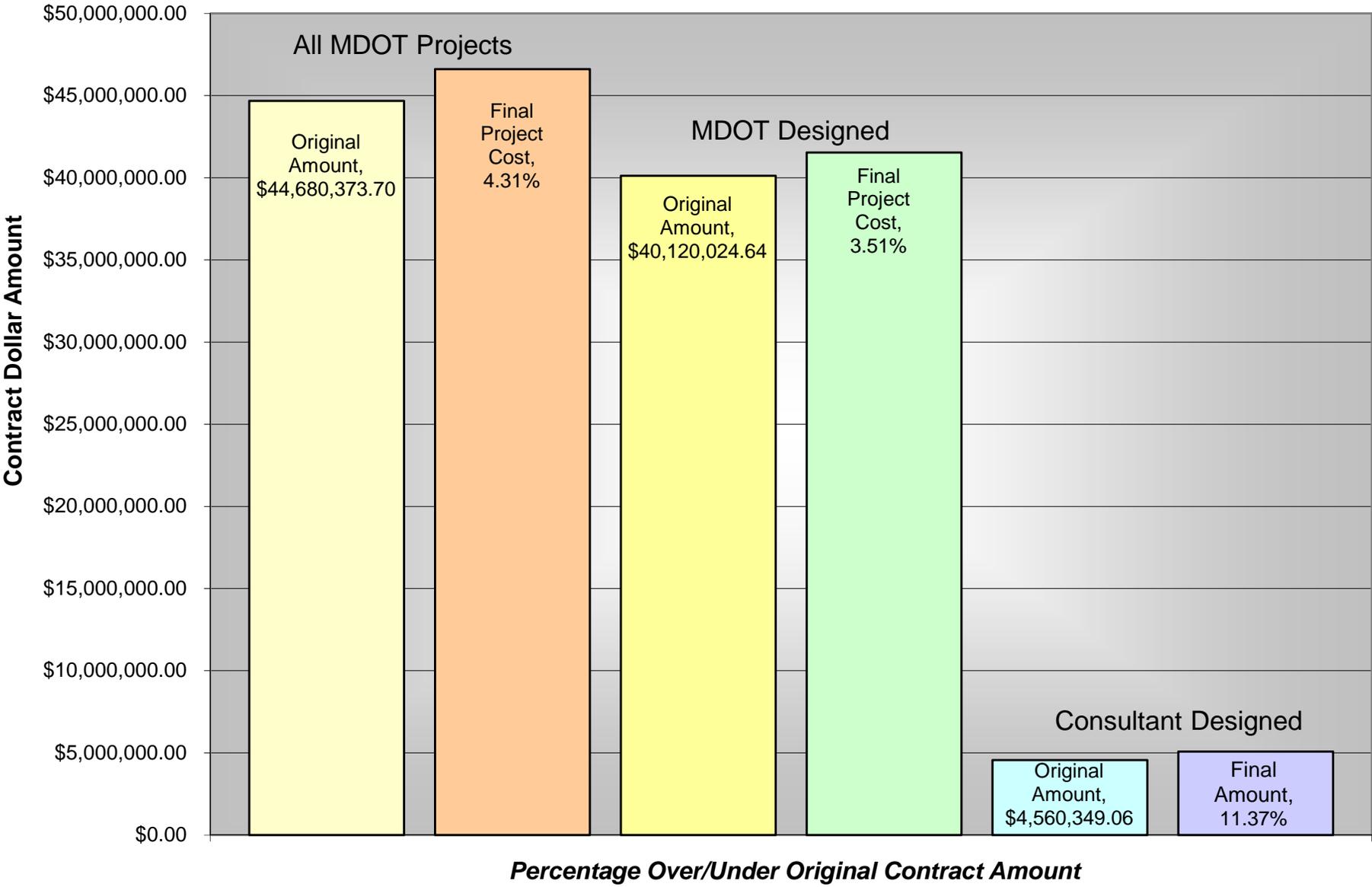
LOCAL PROJECTS FINALED THIS MONTH (53 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT		# OF JOBS OVER 10%	#OF JOBS UNDER
				43,130,768.71	42,360,592.93	(770,175.78)	-1.79%		3	30
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
4/4/2016	STUL	3449	126249A	292,341.25	248,081.33	(44,259.92)	-15.14%		10/14/2015	L
4/4/2016	STL	3555	127107A	398,443.05	371,990.42	(26,452.63)	-6.64%		10/14/2015	L
4/15/2016	STUL	9408	120557A	1,455,733.94	1,608,420.65	152,686.71	10.49%	*	5/11/2015	C
4/22/2016	STUL	9408	115996A	926,371.36	995,733.91	69,362.55	7.49%		6/18/2015	C
4/4/2016	STUL	11400	124639A	578,578.36	578,659.66	81.30	0.01%		8/31/2015	L
4/13/2016	STUL	18424	126197A	415,312.33	409,941.71	(5,370.62)	-1.29%		8/3/2015	C
4/25/2016	TA	19403	120324A	333,077.95	329,561.57	(3,516.38)	-1.06%		7/15/2014	C
4/25/2016	STU	19437	124002A	352,522.75	367,021.12	14,498.37	4.11%		7/15/2014	C
4/25/2016	STU	19437	123998A	283,776.73	304,921.72	21,144.99	7.45%		7/15/2014	L
4/13/2016	STU	23403	126929A	710,835.44	698,612.56	(12,222.88)	-1.72%		7/20/2015	L
4/18/2016	STU	23455	126356A	926,679.23	909,664.14	(17,015.09)	-1.84%		6/30/2015	C
4/12/2016	CM	25402	118206A	374,553.24	352,731.71	(21,821.53)	-5.83%		3/23/2015	C
4/13/2016	STL	27555	119565A	463,882.55	454,816.99	(9,065.56)	-1.95%		9/14/2015	L
4/25/2016	SRSI	27900	124983A	430,499.50	433,930.41	3,430.91	0.80%		7/8/2015	C
4/18/2016	MCS	33005	118675A	717,632.32	747,801.80	30,169.48	4.20%		4/30/2015	C
4/22/2016	STU	33400	112244A	1,460,106.33	1,557,329.11	97,222.78	6.66%		4/13/2015	L
4/4/2016	TAU	33403	115501A	1,614,609.50	1,568,306.89	(46,302.61)	-2.87%		3/31/2014	C
4/18/2016	STL	37073	109973A	557,556.07	560,403.16	2,847.09	0.51%		8/15/2014	C
4/18/2016	NH	39405	121017A	2,803,081.62	2,843,141.41	40,059.79	1.43%		5/4/2015	C
4/12/2016	STL	41481	124531A	1,420,680.39	1,449,495.16	28,814.77	2.03%		4/27/2015	L
4/15/2016	CM	44446	120002A	483,566.77	416,901.10	(66,665.67)	-13.79%		5/4/2015	L
4/15/2016	HSIP	44609	120531A	414,319.93	404,219.44	(10,100.49)	-2.44%		4/18/2015	C
4/25/2016	HSIP	44609	120528A	661,400.10	657,381.16	(4,018.94)	-0.61%		3/31/2015	C
4/27/2016	HSIP	44609	120533A	184,628.42	191,997.59	7,369.17	3.99%		3/19/2015	L
4/20/2016	BRO	46007	115663A	695,412.56	680,088.12	(15,324.44)	-2.20%		7/6/2015	C
4/25/2016	BHT	47007	118684A	72,895.71	78,454.62	5,558.91	7.63%		8/10/2015	C
4/18/2016	STL	47555	127434A	1,355,630.07	1,164,465.60	(191,164.47)	-14.10%		8/11/2015	L
4/20/2016	STU	50458	123349A	2,885,263.19	2,874,170.89	(11,092.30)	-0.38%		8/5/2014	C
4/19/2016	STL	62555	112896A	850,393.70	808,537.79	(41,855.91)	-4.92%		5/4/2015	C
4/19/2016	STL	62555	112894A	309,000.00	311,088.96	2,088.96	0.68%		8/20/2015	C
4/12/2016	STL	63459	127334A	583,015.77	468,615.92	(114,399.85)	-19.62%		7/10/2015	L

LOCAL

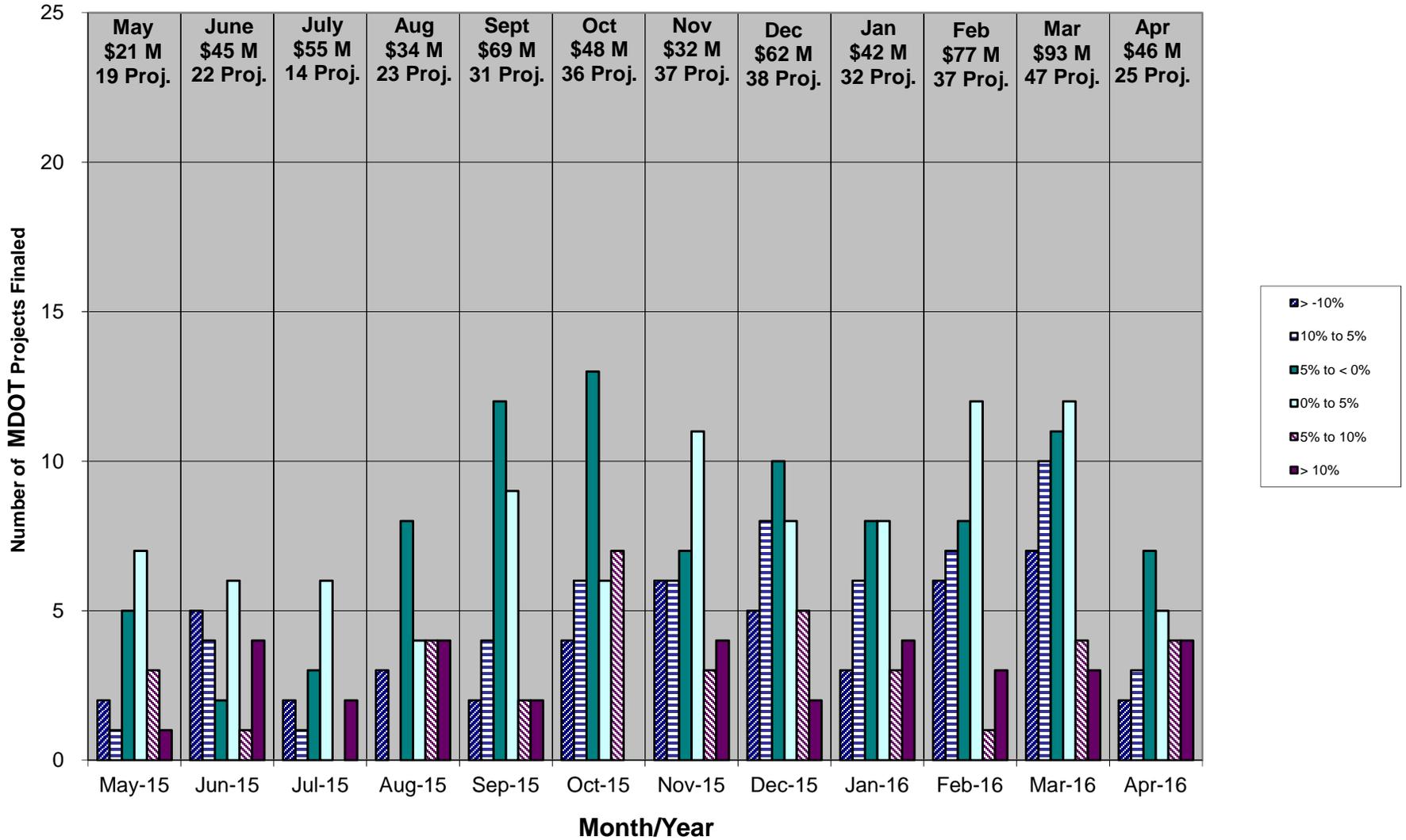
CONSTRUCTION PROJECTS FINALED IN APRIL 2016

LOCAL PROJECTS FINALED THIS MONTH (53 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT		# OF JOBS OVER 10%	#OF JOBS UNDER
				43,130,768.71	42,360,592.93	(770,175.78)	-1.79%		3	30
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
4/12/2016	STU	63459	127476A	689,661.62	581,226.12	(108,435.50)	-15.72%		7/10/2015	L
4/19/2016	TA	63459	119507A	512,673.86	458,492.44	(54,181.42)	-10.57%		4/7/2014	C
4/25/2016	STU	63459	120646A	3,548,055.70	3,255,762.10	(292,293.60)	-8.24%		4/1/2014	C
4/27/2016	STU	63459	126956A	792,625.69	918,118.30	125,492.61	15.83%	*	6/1/2015	L
4/18/2016	ER	66131	122614A	272,426.63	272,750.62	323.99	0.12%		9/9/2015	C
4/13/2016	STL	67000	119133A	160,558.14	158,051.00	(2,507.14)	-1.56%		7/27/2015	L
4/13/2016	STL	67555	110322A	328,275.38	329,181.75	906.37	0.28%		7/27/2015	L
4/12/2016	STUL	73145	117129A	999,100.70	983,267.23	(15,833.47)	-1.58%		4/15/2013	C
4/12/2016	STUL	73145	117127A	612,833.95	538,722.92	(74,111.03)	-12.09%		4/15/2013	C
4/12/2016	FLH	73404	126572A	335,100.30	410,235.61	75,135.31	22.42%	*	8/24/2015	C
4/12/2016	STE	73404	114482A	476,851.91	472,199.50	(4,652.41)	-0.98%		4/15/2013	C
4/12/2016	HSIP	77609	123793A	107,424.44	111,376.83	3,952.39	3.68%		8/5/2015	L
4/13/2016	TAU	81161	119512A	1,581,699.36	1,573,469.93	(8,229.43)	-0.52%		8/6/2014	C
4/19/2016	TA	81161	122673A	216,929.03	201,114.26	(15,814.77)	-7.29%		4/6/2015	C
4/25/2016	CMG	81400	124708A	382,757	383,220	462.97	0.12%		10/12/2015	L
4/18/2016	HSIP	81609	123795A	143,087.42	151,353.79	8,266.37	5.78%		7/20/2015	L
4/6/2016	STU	82457	124742A	1,222,556.01	1,278,088.60	55,532.59	4.54%		6/1/2015	C
4/6/2016	STU	82457	123109A	1,617,844.14	1,519,679.98	(98,164.16)	-6.07%		8/4/2014	L
4/6/2016	NH	82457	123344A	1,586,268.76	1,580,683.09	(5,585.67)	-0.35%		4/13/2015	L
4/15/2016	NH	82457	126989A	995,555	867,947.13	(127,607.87)	-12.82%		8/31/2015	L
4/15/2016	STU	82457	126991A	988,769.37	867,209.32	(121,560.05)	-12.29%		7/14/2015	L
4/15/2016	STU	82457	123347A	547,914.41	601,956.06	54,041.65	9.86%		4/13/2015	L

MDOT Construction Projects Finaled April 2016



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



DIRECTOR - DEPARTMENT OF TRANSPORTATION

AGENDA

April 28, 2016

CONTRACTS

1. ***EXECUTIVE – National Summer Transportation Institute Program**
Contract (2016-0294) between MDOT and Ferris State University (FSU) will provide for FSU to serve as a host site for the 2016 National Summer Transportation Institute Program. The program will include a one-week on-campus curriculum for high school students interested in transportation careers. The program will introduce the students to transportation concepts and teach them about the types of careers available in the transportation industry. The contract will be in effect from the date of award through September 30, 2016. The contract amount will be \$29,500. Source of Funds: 100% Federal Highway Administration Funds.

2. ***EXECUTIVE – National Summer Transportation Institute Program**
Contract (2016-0295) between MDOT and Michigan Technological University (MTU) will provide for MTU to serve as a host site for the 2016 National Summer Transportation Institute Program. The program will include a two-week on-campus curriculum for high school students interested in transportation careers. The program will introduce the students to transportation concepts and teach them about the types of careers available in the transportation industry. The contract will be in effect from the date of award through September 30, 2016. The contract amount will be \$49,500. Source of Funds: 100% Federal Highway Administration Funds.

3. ***FINANCE & ADMINISTRATION - FY 2016 Interfund Transfer**
Memorandum of Understanding (MOU) (2016-0304) between MDOT and the Michigan Department of Treasury will provide funding to support the costs of the tax collection, auditing, and investing services provided to MDOT by the Michigan Department of Treasury for fiscal year 2016. The MOU will be in effect from October 1, 2015, through September 30, 2016. The MOU amount will be \$2,933,400. Source of Funds: State Restricted Michigan Transportation Funds - \$2,700,000; State Restricted Trunkline Funds - \$149,200; State Restricted Aeronautics Funds - \$75,300; State Restricted Comprehensive Transportation Funds - \$8,900.

4. ***HIGHWAYS – Interagency Collaboration**
Memorandum of Understanding (MOU) (2016-0270) between MDOT and the Michigan Department of Natural Resources (MDNR) will strengthen communication between MDOT and MDNR and identify opportunities to collaborate to address specific program objectives such as environmental planning, resource protection, and land management. The MOU will be in effect from the date of award through December 31, 2021. This is a zero dollar MOU.

5. *HIGHWAYS – Transportation Conformity

Memorandum of Agreement (MOA) (2016-0298) between MDOT and the Federal Highway Administration, the Federal Transit Administration, the United States Environmental Protection Agency, the Southeast Michigan Council of Governments, and the Michigan Department of Environmental Quality will establish the roles and responsibilities of the parties for conducting conformity analyses, which ensure that proposed transportation projects in nonattainment and maintenance areas conform to the provisions of the federal Clean Air Act. The MOA will take effect upon award; it will remain in effect unless it is modified or replaced on the mutual agreement of the parties. This is a zero dollar MOA.

6. HIGHWAYS - Participation for Local Agency Preliminary Engineering

Contract (2016-5236) between MDOT and the City of Flint will provide for participation in the following improvements:

Preliminary engineering activities for road resurfacing work along Kearsley Street from Chevrolet Avenue easterly to Beach Street.

Estimated Funds:

Federal Highway Administration Funds	\$76,900
City of Flint Funds	<u>\$17,100</u>
Total Funds	<u>\$94,000</u>

STU 25049 – 121489C; Genesee County
Local Preliminary Engineering

7. PASSENGER TRANSPORTATION – Section 5311 Operating Assistance

Project Authorization (19) Revision (1) under Master Agreement (2012-0112) between MDOT and the City of Kalamazoo will add \$8,911 in FY 2016 Federal Section 5311 Formula Grants for Rural Areas Program operating funds for a portion of the FY 2016 public transportation services. Payment to the local agency will not exceed 18.5 percent of the final eligible expenses. The original authorization provides FY 2015 Federal Section 5311 Formula Grants for Rural Areas Program operating funds for a portion of the fiscal year's program. The authorization term remains unchanged, October 1, 2015, through September 30, 2016. The revised authorization amount will be \$14,705. 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 - \$14,705.

8. *RAIL – Preliminary Engineering Master Agreement

Contract (2015-0346) between MDOT and Norfolk Southern Railway Company will provide for the performance of preliminary engineering work for the Gordie Howe International Bridge project. 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 the date of award until the last obligation between the parties has been fulfilled.

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 August 25, 2015.

Respectfully submitted,

Authorized Signature on File 4.28.16

Kirk T. Steudle
Director

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE
STATE ADMINISTRATIVE BOARD

T&NR Meeting: April 26, 2016– Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM
State Administrative Board Meeting: May 3, 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.

CONTRACT PRE-APPROVAL

1. **HIGHWAYS – Design Services**
MDOT will enter into a contract (2016-0300) with HNTB Michigan, Inc., to provide for design services to be performed for the reconstruction of eastbound and westbound I-69 from the I-96 interchange to Airport Road in Clinton and Eaton Counties (CSs 19043 and 23064 – JN 125869C). The work items will include performing surveys, preparing required plans, preparing maintenance of traffic and construction staging plans, and computing and verifying all plan quantities. The contract will be in effect from the date of award through May 31, 2018. The contract amount will not exceed \$2,261,250. Source of Funds: 90% Federal Highway Administration Funds and 10% State Restricted Trunkline Funds.

CONTRACTS

2. ***EXECUTIVE (Office of Economic Development) - SIB Loan**
Contract (2016-0297) between MDOT and the City of Burton is a state infrastructure bank (SIB) loan to assist the City in financing transportation infrastructure improvements through the completion of the rehabilitation of a portion of Lapeer Road in the city. The City plans to use its State Restricted Trunkline Funds to repay the loan. MDOT will loan \$1,993,066.70 at 2 percent interest for 30 months to the City. The contract will be in effect from the date of award through May 31, 2019. Source of Funds: SIB Loan Funds - \$1,993,066.70.

3. *HIGHWAYS - Increase Services and Amount, Extend Term
Amendatory Contract (2012-0709/A2) between MDOT and Soil & Materials Engineers, Inc., will increase the contract amount by \$1,500,000 and will extend the contract term by one year to provide for additional as-needed fabrication inspections for bridges and appurtenant structures, corresponding field duties, technical consulting, and testing related to the work. The original contract provides for the conduct of on-site inspections of in-state and out-of-state fabrication shops. The revised contract term will be October 4, 2012, through December 31, 2017. The revised contract amount will be \$3,500,000. Source of Funds: Federal Highway Administration (FHWA) Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.
4. HIGHWAYS – IDS Engineering Services
Authorization (15) under Contract (2015-0266) between MDOT and Wade Trim Associates, Inc., will provide for as-needed inspection and testing services to be performed at various locations in the Traverse City Transportation Service Center service area, North Region. The work items will include inspection; quality assurance testing and reporting; and measurement, computation, and documentation of quantities. The authorization will be in effect from the date of award through June 2, 2018. The authorization amount will be \$505,517.51. The contract term is June 3, 2015, through June 2, 2018. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.
5. HIGHWAYS – IDS University Research Services
Authorization (1) under Contract (2016-0067) between MDOT and Michigan Technological University will provide for research on the implementation of Unmanned Aerial Vehicles (UAVs) for the assessment of transportation infrastructure. Researchers will perform pilot projects to demonstrate UAV capability, produce device training documents, and determine the benefits and costs of UAV usage for transportation. The authorization will be in effect from March 1, 2016, through May 31, 2018. The authorization amount will be \$598,526. 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.
6. *HIGHWAYS – Consultant Research Services
Contract (2016-0274) between MDOT and Toole Design Group, LLC, will provide for the development of criteria for determining the appropriateness of side path applications for bicycle use. The objectives of the study are to enhance the understanding of the risks and benefits of certain on-road versus off-road bicycle infrastructure. The contract will be in effect from June 1, 2016, through June 30, 2018. The contract amount will be \$312,222.49. Source of Funds: 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds.

BID LETTING PRE-APPROVALS

STATE PROJECTS

7. Letting of May 6, 2016 Prequalification Level:
Letting Call: 1605 113 **\$721,000.00**
Project: M 13016-M51666
Local Agreement:
Start Date: June 13, 2016
Completion Date: July 15, 2016

2.57 mi of concrete pavement removal and replacement with hot mix asphalt, hot mix asphalt cold milling and resurfacing and pavement markings at various locations on I-94, M-311 and M-60, Calhoun County.

3.00 % DBE participation required

LOCAL PROJECTS

8. Letting of May 6, 2016 Prequalification Level:
Letting Call: 1605 096 **\$996,000.00**
Project: STU 81475-129298
Local Agreement: 16-5230
Start Date: 10 days after award
Completion Date: August 1, 2016

3.20 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, and sidewalk, pedestrian signal, ADA ramps and pavement markings on North Prospect Road from Holmes Road to Geddes Road, Washtenaw County.

3.00 % DBE participation required

9. Letting of May 6, 2016 Prequalification Level:
Letting Call: 1605 097 **\$692,000.00**
Project: STL 40555-116285
Local Agreement: 16-5143
Start Date: 10 days after award
Completion Date: July 29, 2016

3.12 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, shoulder upgrades and pavement markings on Starvation Lake Road from east of Cunningham Road to west of Sunset Trail Road, Kalkaska County.

3.00 % DBE participation required

* Denotes a non-standard contract/amendment

10. Letting of May 6, 2016 Prequalification Level:
 Letting Call: 1605 098 **\$615,000.00**
 Project: SUG 82457-130526
 Local Agreement: 16-5222
 Start Date: 10 days after award
 Completion Date: May 31, 2017
- Installation of Remote Traffic Management System with cellular data at 49 locations in the city of Detroit, Wayne County.
- 3.00 % DBE participation required
11. Letting of May 6, 2016 Prequalification Level:
 Letting Call: 1605 099 **\$523,000.00**
 Project: STUL 58471-129602, ETC
 Local Agreement: 16-5231
 Start Date: 10 days after award
 Completion Date: August 30, 2016
- 14.76 mi of single chip sealing and pavement markings on Clark Road, Consear Road, Dean Road, Dunbar Road, Grafton Road and Raisinville Road, Monroe County.
- 3.00 % DBE participation required
12. Letting of May 6, 2016 Prequalification Level:
 Letting Call: 1605 107 **\$2,189,000.00**
 Project: HSIP 82609-127426
 Local Agreement: 16-5111
 Start Date: 10 days after award
 Completion Date: June 15, 2017
- 11.80 mi of signal upgrades, installation of center left-turn lane, concrete pavement, curb, gutter, sidewalk and ramps, drainage, signs and pavement markings on Conant Street, Linwood Street, Livernois Avenue and Dragoon Street in the city of Detroit, Wayne County.
- 4.00 % DBE participation required
13. Letting of May 6, 2016 Prequalification Level:
 Letting Call: 1605 108 **\$1,344,000.00**
 Project: STU 41403-129121
 Local Agreement: 16-5211
 Start Date: June 13, 2016
 Completion Date: June 30, 2017
- 0.11 mi of hot mix asphalt reconstruction, cold milling and resurfacing, concrete sidewalk, curb and gutter, sanitary sewer and pavement markings on Eastern Avenue from 28th Street to Burton Street in the city of Grand Rapids, Kent County.
- 5.00 % DBE participation required

* Denotes a non-standard contract/amendment

14. Letting of May 6, 2016
Letting Call: 1605 109
Project: MCS 77017-123021
Local Agreement:
Start Date: 10 days after award
Completion Date: October 18, 2016

Prequalification Level:
\$884,000.00

Bridge removal and replacement with a precast concrete three-sided culvert, cofferdams, curb, gutter, hot mix asphalt surfacing and guardrail on Smiths Creek Road over Smiths Creek, St. Clair County.

3.00 % DBE participation required

15. Letting of May 6, 2016
Letting Call: 1605 110
Project: STU 11000-120695, ETC
Local Agreement: 16-5246
Start Date: 10 days after award
Completion Date: October 28, 2016

Prequalification Level:
\$519,000.00

0.50 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and ramps, signal work and pavement markings on Red Bud Trail from the south Buchanan city limits to Front Street and at Front Street, Berrien County.

3.00 % DBE participation required

16. Letting of May 6, 2016
Letting Call: 1605 112
Project: BHO 74008-122745, ETC
Local Agreement:
Start Date: 10 days after award
Completion Date: October 8, 2016

Prequalification Level:
\$726,000.00

Bridge preventive maintenance for hot mix asphalt approach paving, concrete patching, expansion joint replacement, concrete surface coating, epoxy overlay and riprap on five structures on French Line Road, Germania Road, and Snover Road over the South Branch of the Cass River, on Galbraith Line Road over the Black River and on Stilson Road over Elk Creek Drain, Sanilac County.

3.00 % DBE participation required

18. Letting of April 1, 2016
 Letting Call: 1604 068 Low Bid: **\$529,588.82**
 Project: GF16 58151-128461 Engineer Estimate: \$451,634.62
 Local Agreement: Pct Over/Under Estimate: 17.26 %
 Start Date: May 1, 2016
 Completion Date: June 13, 2016

14.52 mi of concrete pavement repairs on I-75 from the Michigan state line to Dixie Highway, Monroe County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Florence Cement Company	\$529,588.82	Same	1 **
Cipparrone Contracting, Inc.	\$599,490.69	Same	2
C & D Hughes, Inc.	\$675,294.73	Same	3
Major Cement Co.	\$742,245.74	Same	4

Total Number of Bidders: 4

19. Letting of April 1, 2016
 Letting Call: 1604 071 Low Bid: **\$1,166,482.45**
 Project: M 82900-M71680 Engineer Estimate: \$920,789.57
 Local Agreement: Pct Over/Under Estimate: 26.68 %
 Start Date: 10 days after award
 Completion Date: September 30, 2017

Guardrail repair on an as-needed basis on various state routes, Wayne County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
RMD Holdings, Ltd.	\$1,166,482.45	Same	1 **
Action Traffic Maintenance, Inc.	\$1,354,235.47	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.

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 August 25, 2015.

Respectfully submitted,

Authorized Signature on File 4.22.16

Kirk T. Steudle
Director



MICHIGAN'S ROADS & BRIDGES 2015 ANNUAL REPORT



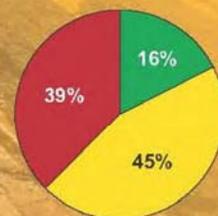
<http://tamc.mcgi.state.mi.us/tamc/docs/spotlight/2015%20TAMC%20Annual%20Report.pdf>

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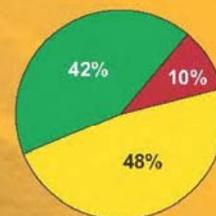


Michigan
Transportation Asset
Management Council

2014-2015 Road Condition
Percent Lane Miles



2014-2015 Bridge Condition
Percent Lane Miles



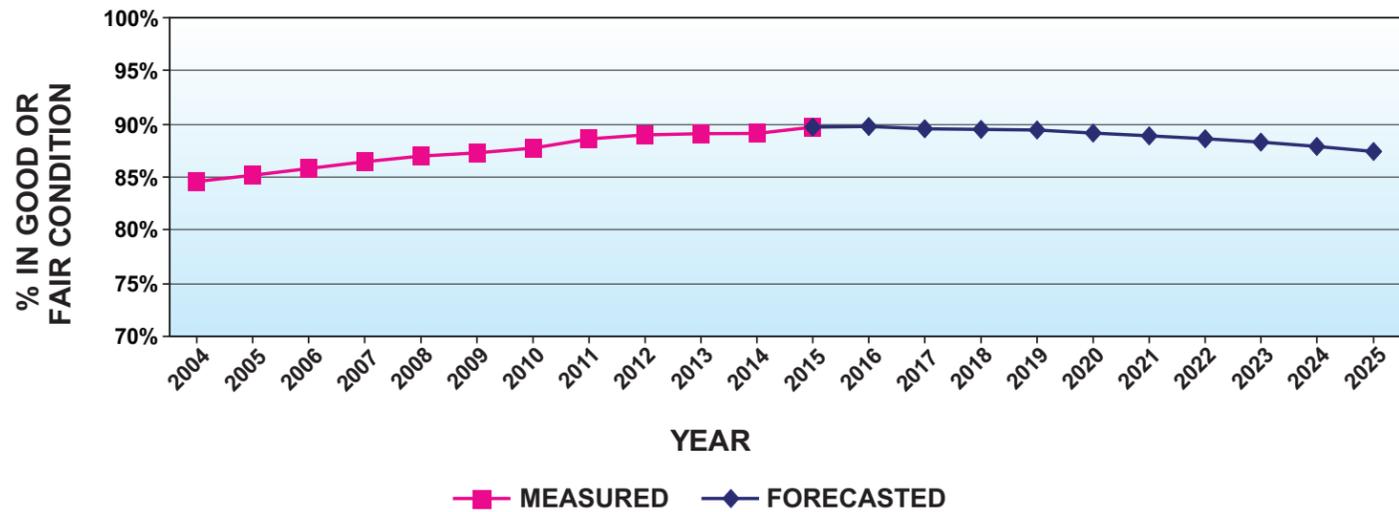
GOOD FAR POOR

An analysis of bridge conditions in Michigan shows that bridge owners in the state are continuing to “hold their own” despite rising costs and revenue challenges. From 2004 to 2012, the overall network of bridges in the state saw a slight but steady improvement in overall condition. However, from 2012 to 2015 the improvement in bridge condition has stagnated. This can be attributed to:

1. Progress being made initially in reducing the number of structurally deficient bridges under state jurisdiction.
2. More local agencies are implementing preventive maintenance “mix of fixes” strategies on local bridge systems.
3. Rising costs and an increasing inventory of fair bridges creates a preservation need that exceeds available funding.

Working from current bridge condition information from the National Bridge Inventory (NBI), the Bridge Condition Forecasting System (BCFS) estimates future condition of MDOT and local bridges using bridge deterioration rates, project costs, expected inflation, and planned fix strategies. The figure below indicates the combined overall bridge condition of all the state’s bridges (both on state trunklines and on local agency roads, i.e. counties, cities, and villages) is expected to decline after 2015. By 2025, nearly half of the progress made toward improving bridge conditions since 2004 could be lost. In addition, the condition and forecast data shows the local bridge program could materially benefit from more road agencies actively adopting good capital preventive maintenance strategies.

2016 - 2025 Bridge Condition Forecast System
Trunkline and Local Agency Bridges



While additional road funding was approved at both the state and federal level, no new funds were earmarked specifically for bridge programs. Therefore this forecast assumes no additional spending on bridges beyond those funds already designated for that purpose. If the various state road agencies begin programming some of the expected new funds to bridge projects, that will be reflected in future forecasts.



For brief biographical and contact information, please visit:
<http://tamc.mcgi.state.mi.us/TAMC/#/aboutus>

MICHIGAN'S ROADS & BRIDGES 2015 ANNUAL REPORT

Category	Good (%)	Fair (%)	Poor (%)
2014-2015 Road Condition (Percent Lane Miles)	39%	45%	16%
2014-2015 Bridge Condition (Percent Lane Miles)	42%	48%	10%

Summary of Current and Future TAMC Efforts

2014-2016 Work Program – TAMC is coming to the end of the Work Program adopted in the summer of 2013:

A new work program outlining and prioritizing the training & education, data collection, project & investment reporting, publications, recognition, public outreach, advancement of asset management in Michigan, performance measures, and research opportunities for the next three-years will be assembled and adopted this summer.

Highlights from the 2014 – 2016 Work Program include:

- ▶ Develop techniques and tools to inventory and rate unpaved roads.
- ▶ Creation of classes, training material, and support documentation for Bridge related asset management activities.
- ▶ Integration of the IRT and ADARS reporting systems.
- ▶ Increased voluntary reporting of PASER ratings for paved non-federal aid eligible roads.

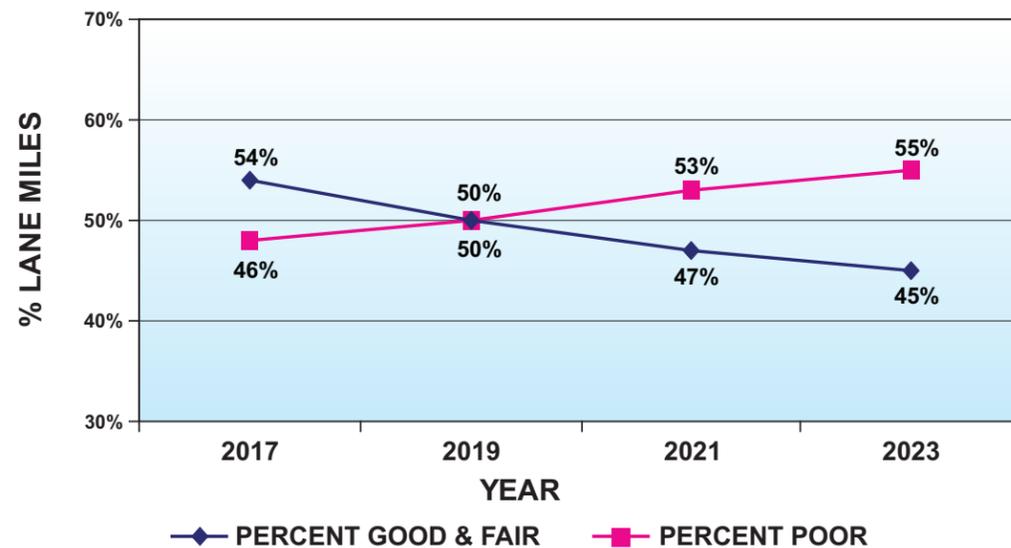
Things to look for in the 2017 – 2020 Work Program:

- ▶ Further analysis of 10 years' worth of PASER data on the federal-aid eligible portion of Michigan's road network and bridge system
- ▶ Increased reporting of PASER data for the paved non-federal aid eligible portion of Michigan's road network
- ▶ New data collection requirements contained in the federal FAST Act
- ▶ A statewide Asset Management Plan focusing on the NHS roads in the state
- ▶ A rating program for the unpaved portion of Michigan's road network
- ▶ A Pilot Study to address new FHWA data collection requirements
- ▶ Increased communication from TAMC

Last year's annual report from the Transportation Asset Management Council (TAMC) carried a grim tone. Pavement conditions on federal-aid eligible roads were in decline all over Michigan and finding additional money to reverse that trend did not look like a viable option. The forecast for future roads conditions, based on expected revenues in the spring of last year looked like this.

2015 Pavement Condition Forecast

Paved Federal-Aid Roads Only – Before Additional Funds



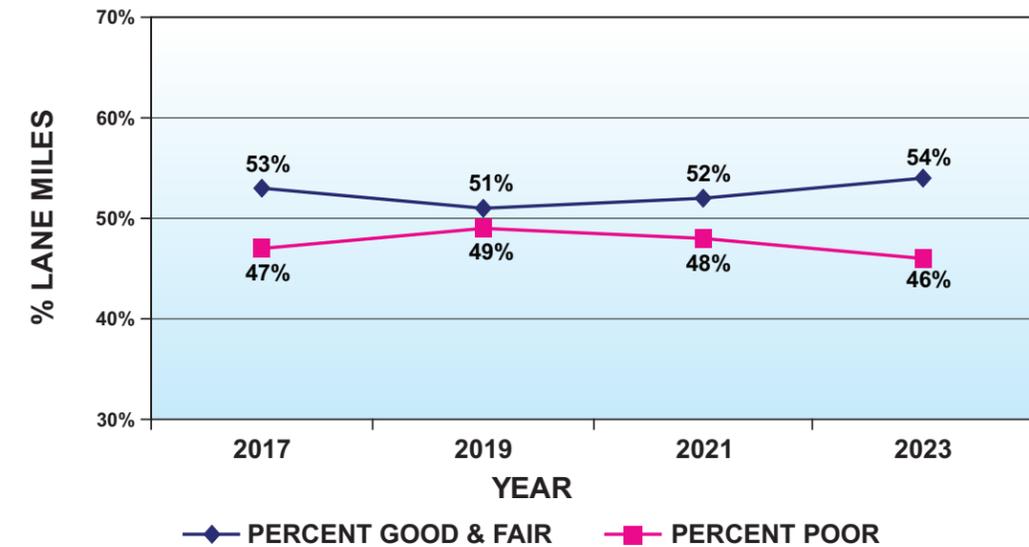
In November of 2015, the Michigan legislature passed a transportation funding package that will generate approximately \$453 million in additional funds in fiscal year 2017. This rises to \$1.2 billion per year in new transportation funding in fiscal year 2021 and then continues to increase with the rate of inflation as calculated by the Consumer Price Index from 2022 onward.

Then, in December, 2015, Congress passed reauthorization legislation for the Federal Highway Administration (FHWA) which is expected to result in an approximate five percent increase in federal transportation dollars coming to Michigan. Taken together, these influxes of new funds are not sufficient to solve Michigan's transportation problems, but they are adequate to put us on a slow and steady path to improving the overall quality of Michigan's federal-aid eligible roads and bridges. However, since the first of the new funds do not begin to arrive until January 2017, we expect to see a continued deterioration of the condition of Michigan's federal-aid eligible roads, albeit at

a slower pace than before, for another couple of years before the trajectory turns toward gradual improvement in 2019. Because the fuel taxes and registration fees will be indexed to inflation after 2022, something the legislature has never done before, it is expected that the gradual improvement of Michigan's federal-aid eligible roads will be sustainable far longer than if the indexing had not been included. As a result of these new funds, the current forecast for changes in the pavement condition of the paved federal-aid eligible roads in Michigan now looks like this:

2017 - 2023 Pavement Condition Forecast

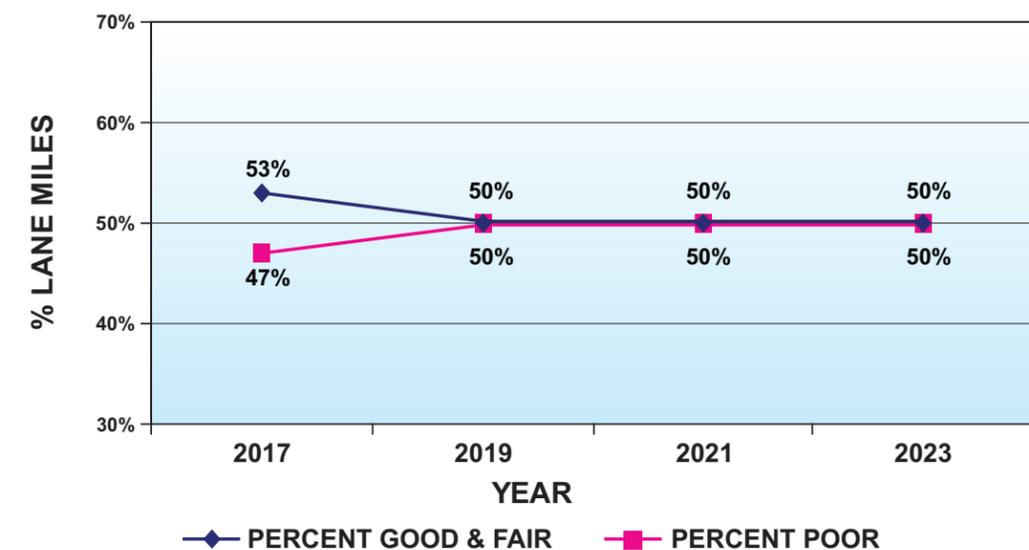
Paved Federal-Aid Roads Only – Including General Funds



However, half of the new funds included in the Michigan funding package, and all of the new federal funds approved will be coming from the general funds of the State of Michigan and the United States. Unlike the fuel taxes and registration fees which, once adopted, are dedicated to transportation purposes, the allocation of general funds to transportation is subject to the annual appropriations process. Michigan is currently facing several challenges outside of transportation that will be competing for those future general fund appropriations. Because of Michigan's term limits, most of the legislators who passed the Michigan funding package will not be in office when the time comes to appropriate those promised dollars to transportation purposes.

2017 - 2023 Pavement Condition Forecast

Paved Federal-Aid Roads Only – No General Funds



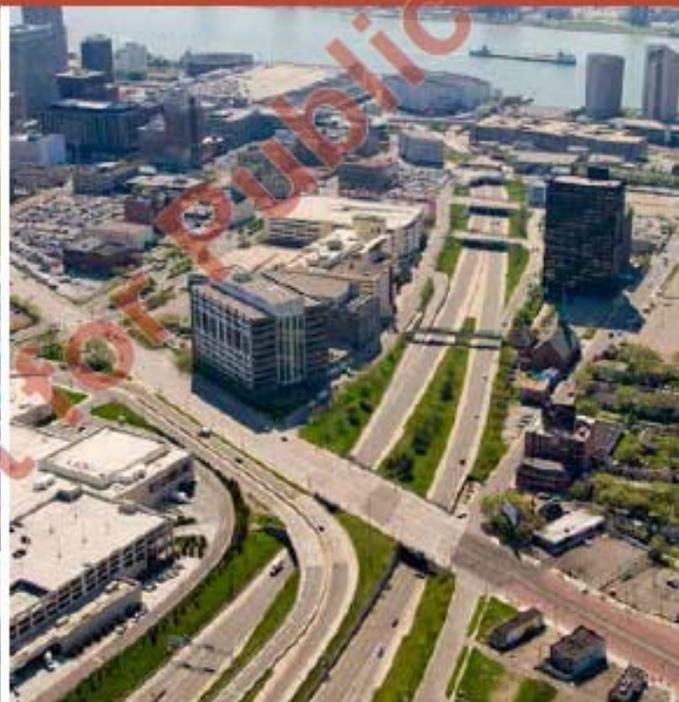
The graph above shows the forecast for changes in the condition of Michigan roads if the \$600 million in general funds promised in the Michigan transportation funding package are not appropriated.

MI Transportation Plan

Moving
Michigan
Forward

2040
State Long-Range
Transportation Plan

Public Comment



http://www.michigan.gov/documents/mdot/MDOT_2016SLRP_DRAFT_523728_7.pdf

See White Papers and more information at: www.michigan.gov/slrp



Overview

Drive Michigan's Transportation Future!

2040 MI Transportation Plan Revision



May - June Public Meetings

Which roadmap should the Michigan Department of Transportation (MDOT) follow to address our state's transportation needs through 2040? MDOT seeks your input to help revise its long-range plan, "MI Transportation Plan." Put yourself behind the wheel and join us for one or more of the upcoming public meetings to discuss the draft document. The 5 to 7 p.m. open houses will feature brief presentations at 5:15 and 6:15 p.m.

The draft plan will be available at www.michigan.gov/slrp beginning May 9, 2016. MDOT will seek public comments on the plan through June 10, 2016.

Please call 517-373-2227 for further information. With seven days advance notice, MDOT can make meeting materials available in alternative formats like large print, audio tape, signing and language translation.



ALL MEETINGS

5 to 7 p.m., with formal presentations at 5:15 and 6:15 p.m.

HOUGHTON: Monday, May 9
Houghton City Hall
616 Shelden Ave.

CANTON: Tuesday, May 10
Summit on the Park
46000 Summit Parkway

ESCANABA: Tuesday, May 10
Bay de Noc Community College
M-TEC Building
2000 N 30th St.

LUDINGTON: Tuesday, May 10
Mason County Airport
5300 West US-10

FLINT: Wednesday, May 11
Genesee County Building, 3rd Floor
Auditorium Room
1101 Beach St.

GRAND RAPIDS: Wednesday, May 11
MDOT Transportation Service Center
2660 Leonard St., N.E.

SAULT STE. MARIE: Wednesday, May 11
Lake Superior State University
Crow's Nest Room
650 W. Easterday Ave.

DETROIT: Thursday, May 12
Southeast Michigan Council of Governments
1001 Woodward Ave., Suite 1400

PONTIAC: Monday, May 16
City Council Chambers
47450 Woodward Ave.

ROSEVILLE: Tuesday, May 17
Roseville Municipal Offices
29777 Gratiot Ave.

MUSKEGON: Wednesday, May 18
West Michigan Shoreline
Regional Development Commission
316 Morris Ave., Suite 340

PORT HURON: Wednesday, May 18
St. Clair County Building
Dodge Auditorium
200 Grand River St.

BENTON HARBOR: Monday, May 23
Southwest Michigan
Planning Commission
376 W. Main St., Suite 310

KALAMAZOO: Tuesday, May 24
Kalamazoo Metro Transit
530 N. Rose St.

KINGSLEY: Tuesday, May 24
Paradise Township Hall
2300 E. M-113

BAY CITY: Wednesday, May 25
MDOT Transportation Service Center
2890 E. Wilder Road

GAYLORD: Wednesday, May 25
MDOT Transportation Service Center
1088 M-32 East

ALPENA: Thursday, May 26
Thunder Bay National Marine Sanctuary
500 W. Fletcher St.

MOUNT PLEASANT: Tuesday, May 31
MDOT Transportation Service Center
1212 Corporate Drive

JACKSON: Thursday, June 2
Jackson County Tower Building, 5th Floor
120 W. Michigan Ave.

LANSING: Wednesday, June 8
Tri-County Regional Planning Commission
3135 Pine Tree Court, Suite 2C

JOIN the Discussion

Draft available at www.michigan.gov/slrp or call 517-373-2227 for more information.