

MICHIGAN STATE TRANSPORTATION COMMISSION
PUBLIC MEETING
AGENDA

DATE: Thursday, July 17, 2014
TIME: 9:00 a.m.
LOCATION: VisTaTech Center, Kehrl Auditorium
Schoolcraft College, 18600 Haggerty Rd, Livonia, MI 48152

I. **WELCOME**

- Schoolcraft College Welcome – Dr. James Ryan, Executive Director of Institutional Advancement
- Michigan Department of Transportation Director’s Report – Director Kirk Steudle
 - I-96 Project and Innovations – Tony Kratofil

II. **COMMISSION BUSINESS**

- Minutes of May 22, 2014, Commission Meeting (**motion to approve**)

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 – Mark Van Port Fleet (**motion required**)
- Exhibit B: Contract Projects – Brenda O’Brien (no motion required)

IV. **PRESENTATIONS**

- Trunkline Corridors of Highest Significance/Condition Goals – Dave Wresinski and Craig Newell (no motion required)

V. **PUBLIC COMMENTS**

VI. **ADJOURNMENT**

VII. **NEXT MEETING**

- The next full meeting will be held Thursday, September 18, 2014, in Lansing at the Aeronautics Building.

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

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

MICHIGAN STATE TRANSPORTATION COMMISSION

PUBLIC MEETING

May 22, 2014, Lansing, Michigan

MEETING MINUTES

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

Members Absent: Todd Wyett, Vice Chair

Also Present: Kirk Steudle, Director, Michigan Department of Transportation (MDOT)
David Brickey, Assistant Attorney General, Transportation Division
Frank E. Raha, Commission Advisor
Myron Frierson, Director, MDOT Bureau of Finance and Administration
Tim Hoeffner, Director, MDOT Office of Rail
Mark Van Port Fleet, Director, MDOT Bureau of Highway Development
Brenda O'Brien, Engineer, MDOT Construction & Technology
Jack Cotter, Commission Auditor, Office of Commission Audits
Mary Fedewa, Executive Assistant, Office of Commission Audits
A list of additional people who attended is attached to the official minutes.

I. WELCOME

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

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

Director Steudle talked about the status of the funding. The House has passed 10 bills regarding transportation funding, including a change from a tax per gallon (\$.19) to a sales tax on the price (6 percent). Yesterday in the Senate, four substitute bills were submitted, including a bill to change the House proposed gas sales tax to start at 8.5 percent, with a 2 percent raise every year until a cap of 15.5 percent. The department is reviewing the recent bills. The director is hopeful that an agreement resulting in more funding will be reached by the legislature.

Nationally, the U.S. Senate moved a bill to provide funding at about the current level with inflationary increases moving forward, but it has not yet been decided where the funding will come from. We have heard that the Highway Trust Fund could have a negative balance by August/September, depending on revenue received this summer. If the balance goes below \$4 Billion, the Secretary of Transportation could decide to distribute only a portion of the planned funding (reimbursement phase) until the balance goes back up. We should know by July if we will be put into a reimbursement phase.

Chair Jung inquired whether MDOT should issue a bond if put into the reimbursement phase. The Director said that could be a possibility but at this point we expect to have enough cash flow to get us through. The Bureau of Finance and Administration will keep an eye on the situation.

Commissioner Hayes noted his belief that some additional funding would be approved by the legislature, he asked what the next steps would be if the additional funding was passed soon. The Director noted that funding would not start until January, it will be four years before the full increase in funding is in effect, and the majority of the funding will go to counties and cities, with MDOT receiving about 39 percent of it. However, the Director has been meeting with staff heads to discuss whether MDOT should do a short-term bond to move up the funding in order to start projects sooner. He has also asked engineers to use asset management principals to recommend what projects would be the most effective to start first. The Director also talked about our "Condition Goals" of 90 percent for all trunklines (95% freeway, 85% non-freeways). MDOT is looking at modifying those goals to be more specific for non-freeways based on use of each; he will have an update on that study at the July or September meeting.

Commissioner Boji noted we have had seven to ten years without sufficient funding. He suggested spreading out projects over time to avoid negatively affecting a local economy in any area. The director agreed that coordination is needed with local agencies on the timing of neighboring projects.

Chair Jung noted that decisions will be needed on whether to patch or completely fix roads; he felt it is wise to do a complete fix once versus multiple patching. Director Steudle said comments are received sometimes about fixes done to good roads rather than work done on poor roads. MDOT uses a "mix of fixes" and some projects are designed to extend a good road another 5 to 10 years to delay a major repair project on it, while another road is rebuilt because it is past its life.

Commissioner Afendoulis agreed that managing the public's expectations is a significant challenge and MDOT has been doing a good job with creating communication tools to inform the public.

No motion required.

II. COMMISSION BUSINESS

• *Minutes of March 20, 2014, Commission Meeting*

Chair Jung requested a motion regarding approval of the minutes from the State Transportation Commission meeting of March 20, 2014. Commissioner Hayes made a motion to approve and Commissioner Afendoulis supported. Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

• *Minutes of May 12, 2014, Bid Appeal Meeting*

Chair Jung requested a motion regarding approval of the minutes from the bid appeal meeting of May 12, 2014. Chair Jung made a motion to approve and Commissioner Afendoulis supported. Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

III. OVERSIGHT

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

Mr. Frierson presented information on 32 agreements. Pending any questions, Mr. Frierson asked for approval of Exhibit A.

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

- ***Supplemental Exhibit A: Contract Agreements – Myron Frierson*** (addition to agenda)

Mr. Frierson noted this is regarding one agreement that is subject to review by the Attorney General (AG) and Office of Commission Audits (OCA). Mr. Frierson then asked Tim Hoeffner to present information regarding the agreement before he would request approval of Supplemental Exhibit A.

Mr. Hoeffner gave an update on the M-1 RAIL Project. The M-1 Project is a partnership with private funding for the building of a streetcar system in Detroit, which will require the reconstruction of Woodward Avenue between Larned Street and West Grand Boulevard, and replacement of Woodward Avenue bridges over I-75 and I-94.

This contract lays out terms and conditions between MDOT, M-1, and M-2 for the funding and management of the project. M-1 is the lead on this project; they are finalizing the construction manager/general contractor (CMGC) contract. Yesterday, J.P. Morgan announced private funding of \$5 million for M-1, and additional funding is expected to be available in June or July. Due to some funding being available soon, Mr. Hoeffner feels it would be beneficial for MDOT to have this contract in place as quick as possible. His office will continue to work with OCA to get the agreement finalized and approved.

Chair Jung inquired about the start date. Mr. Hoeffner said they are looking to start running the rail in the spring of 2016. The city portion of construction is planned for this year; the MDOT portion will not be until next year.

Chair Jung inquired whether buses will run on Woodward and if the system will be inter-modal. Mr. Hoeffner stated a bus/trail transit (BRT) study is being done. The Woodward economic corridor has expanded so there is discussion about buses running on John R and Cass also. The long-term plan is for the streetcar system to interface with the light-rail Amtrak system on the north end, and with intercity busses.

Commissioner Hayes asked who the fiduciary is. Mr. Hoeffner stated that believes the new market tax credits will be used on the streetcar system, not the roadway, so the credits go to M-1. We are in the chain with M-1, MDOT, and M-2. M2 will be the constructor of the system.

Chair Jung requested a motion regarding approval of Supplemental Exhibit A. Commissioner Boji made a motion to approve, contingent on obtaining approval from the Office of Attorney General and the Office of Commission Audit, and Commissioner

Afendoulis supported. Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

Commissioner Afendoulis then asked if there was a threshold for what revision items are brought to the Commission for review. Mr. Frierson says previous Commissioners set criteria for Commission review and it has evolved over time. Currently submitted for review are construction items of 500,000 or more, comprehensive transportation items that may only be a few dollars, local projects that are using a federal aid match, etc. Director Steudle offered to give the Commission information about thresholds that MDOT uses, for the Commission to review and consider if any changes are needed. Chair Jung also would like to look at the entire process of all types of items.

- **Action item:** MDOT will detail, by type of project, the thresholds used to decide what is submitted to the Commission for review, as well as an overview of the approval process for all types of items.

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

Mr. Frierson presented information about Letting Statistics and Exhibit A-1. There were three lettings in May. Projections for fiscal year 2014 were for 300 state jobs and a total construction cost estimate of \$756 billion. At this point in the year, we are 102 percent ahead of jobs projected and have let 90 percent of costs projected. Upcoming June lettings are currently advertising 129 projects. Exhibit A-1 lists 67 projects. Right now there is a focus on road risk and reserve projects, there are 11 projects submitted that use those funds. Pending any questions, Mr. Frierson asked for approval of Exhibit A-1.

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

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

Mr. Frierson presented information about Supplemental Exhibit A-1, which included 11 projects. Pending any questions, Mr. Frierson asked for approval of Supplemental Exhibit A-1.

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

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

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

Chair Jung requested a motion regarding approval of Second Supplemental Exhibit A-1. Commissioner Afendoulis made a motion to approve and Commissioner Boji supported.

Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

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

Mr. Van Port Fleet provided information on nine projects that were over/under the engineer's estimates. There were seven justifications for projects where the low bid exceeded the engineer's estimate by more than ten percent; OCA has reviewed. Pending any questions, Mr. Van Port Fleet asked for approval of Exhibit A-2.

Chair Jung asked if there were any issues that should be brought to the Commissioners' attention. Mr. Van Port Fleet talked about the road-life expectancy and long-term cost considerations for the use of hot mix asphalt (HMA) versus concrete and the consideration of user-delay costs.

Chair Jung asked for an explanation of user-delay costs. Mr. Van Port Fleet explained a lane-rental cost is established to value the closure of a lane (user-delay cost) and it is included in the bid, because we recognize the importance of having a low amount of travel delays for the public and businesses. In areas where there are high-traffic volumes and potential for congestion, the user-delay cost is deducted from the bid to help choose the bidder that can complete the work with less lane-closure time. Bidders state how many days it will take them to do the project and if they go over they are penalized the lane-rental cost.

Director Steudle said MDOT is also measuring year-round user- delay costs in major traffic corridors of the state; user-delay costs also include snow and accidents. MDOT has established an acceptable target for each area, which is considered when planning projects.

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

- ***Supplemental Exhibit A-2: Letting Exceptions – Mark Van Port Fleet*** (addition to agenda)

Mr. Van Port Fleet provided information on one project that was over/under the engineer's estimates. There is a justification for the project since the low bid exceeded the engineer's estimate by more than ten percent; OCA has reviewed. Pending any questions, Mr. Van Port Fleet asked for approval of Supplemental Exhibit A-2.

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

- ***Second Supplemental Exhibit A-2: Letting Exceptions – Mark Van Port Fleet***
(addition to agenda)

Mr. Van Port Fleet provided information on one project that was over/under the engineer's estimates. There is a justification for the project since the low bid exceeded the engineer's

estimate by more than ten percent. Pending any questions, Mr. Van Port Fleet asked for approval of Second Supplemental Exhibit A-2.

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

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

Mr. Frierson provided information on one project where the low bidder failed to complete the award process so the award is going to next lowest bidder. There were no questions.

No motion required.

- ***Exhibit A-4: Bid Letting Not Pre-Approved (Not Listed in A-1) – Myron Frierson***

Mr. Frierson presented one project that was let on May 7, 2014, prior to informing the Commission, so approval is now requested based on the bids. Pending any questions, Mr. Parker asked for approval of Exhibit A-4.

Chair Jung requested a motion regarding approval of Exhibit A-4. Commissioner Boji made a motion to approve and Commissioner Moser supported. Chair Jung led a voice vote; all members present voted in favor; **motion to approve carried.**

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

Ms. O'Brien presented information about Exhibit B, which included cost comparison information about recently finaled contracts. For MDOT in March, there were 69 projects totaling \$164 million finaled; seven of those were over 10% overruns. In April, there were 13 projects totaling \$31 million finaled; one of those was over 10% overrun. MDOT's fiscal-year-to-date final contract cost is 1.47 percent over the original contract cost. For local agencies in March, there were 71 projects totaling \$45 million finaled; four of those were over 10% overruns. In April, there were 63 projects totaling \$50 million finaled; seven of those were over 10% overruns.

No motion required.

IV. **PRESENTATIONS**

- ***Michigan's Roads and Bridges Annual Report, 2013, Transportation Asset Management Council – Carmine Palombo, TAMC Chair***

Mr. Palombo discussed the 2013 Roads and Bridges Annual Report. He talked about the council's origination and current activities. They rate 40,000 miles statewide of state, county, and city roads, using the same rating definitions statewide. Analysis indicates that the current condition of roads continues to decline and though bridges continue to improve, that has begun to plateau; he noted that conditions were reported prior to the hard winter that we just had. Analysis also indicated that at current investment levels, the condition of both would deteriorate.

Chair Jung asked about linking construction techniques to quality of the roads. Mr. Palombo says Michigan Tech is working on an analysis of the condition of roads that were constructed in 2003/2004 and checking if they lasted for the number of years expected for the technique used; he hopes to have that analysis included in next year's report.

At Mr. Palombo's request, Brian Sanada, MDOT Asset Management Coordinator, demonstrated how TAMC's on-line dashboard program can be used to create customized dashboards to compare road conditions geographically within the state. Data can be beneficial for local areas to compare with similar areas around the state to see how they measure up. Some additional dashboards contain crash data, maintenance information, and financial figures. All the information is available on-line for the public, which is unique nationally. He encouraged Commissioners look at the information themselves, offered to help with questions, and stated he would value input and comments on the system. (The dashboard web address is <http://tamc.mcgi.state.mi.us/MITRP/Data/PaserDashboard.aspx>.)

Commissioner Boji asked how long the dashboards have been on-line, can they track how often the data has been accessed and any trend in the numbers, and how they have promoted the site. Mr. Sanada stated the pavement and bridge conditions were released in late 2011 and others have been added since that time, with the latest one being a couple weeks ago. The number of unique hits to each dashboard is reported monthly to the TAMC Data Committee, and the hits have been rising substantially. Mr. Sanada offered to provide numbers to the Commission Advisor. Information about the site has been shared with TAMC's member agencies, at their semi-annual conferences, and recently at a national conference. Mr. Sanada also noted that 20 or so counties have interfaced these dashboards into their own websites. Director Steudle noted this complies with Federal Act 21, which requires more performance reporting; and that nationally we are ahead of every state in compliance with that law.

Chair Jung was impressed, he thinks this is one of the most comprehensive and easy to use dashboards that he has seen; he congratulated Mr. Sanada on fine job. Chair Jung also thanked Mr. Palombo for his 12 years of service and wished him good luck in his next position.

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

- ***2013 Tribal Affairs Update***

Mr. Stuart Lindsay previously provided a report to the Commission titled, "2013 Tribal Affairs Update." Mr. Lindsay was not available to attend the meeting.

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

- ***M-1 RAIL Project Update and Approval – Tim Hoeffner***

Mr. Hoeffner provided this update under Supplemental Exhibit A.

- ***Briefing on MDOT Passenger Rail Equipment Request for Proposals – Tim Hoeffner***

Mr. Hoeffner discussed reducing equipment costs (rail cars), as it is the largest cost of Amtrak services. MDOT put out a request for proposals (RFP) in February/March, and expected three companies to respond; however only one response was received by the deadline in April. The RFP was for two sets of equipment capable of running at 110 mph, to begin use on October 1, 2014. The proposal is being reviewed technically and for federal approvals, and will be compared to current Amtrak costs to see if there will be a savings.

Commissioner Boji asked who the proposal came from. Mr. Hoeffner said the company is Telgo America, a subsidiary of a Spanish parent company. Telgo has two train sets that they build for the State of Wisconsin, but Wisconsin decided not to move forward so they are available. Commissioner Boji asked for total value of the proposal from Telgo. Mr. Hoeffner will find that out and pass on that information.

Chair Boji asked when the rail speed upgrades will be in place and how long the trip from Detroit to Chicago will take. Mr. Hoeffner said that currently, of the 100 miles that Amtrak owns, 80 miles can run up to 110 MPH. MDOT is working on getting the piece that the state owns in Kalamazoo ready for 110 MPH this fall, and then federal approval will be obtained. For the whole 135-mile segment from Kalamazoo to Dearborn, the upgrades are expected to be completed by late 2016 or early 2017. MDOT is leading work to come up with a preferred route and service development plan for rail between Porter, Indiana, and Chicago, Illinois, because of congestion. After improvements are done, the trip from Detroit to Chicago will take about 5 to 5 ½ hours.

No motion required.

- Action item:** Mr. Hoeffner will let the Commissioners know the total value of the proposal from Telgo.

V. **PUBLIC COMMENTS**

Mr. Jim Casha, from Ontario, a past Michigander

Mr. Casha previously provided the Commission a report titled, “Public Land Transfer: Fast Track to the Past or Detroit’s Future City?” He displayed illustration boards during his comments. He proposed using the fairgrounds as a regional transportation center, rather than selling the property. He suggested the buildings be used to link the rail and bus center, and the grounds be used for a fair or long-term leases to generate income. He requested the Commission inform the Governor of these ideas. Chair Jung thanked him for his research.

Ms. Karen Hammer, Chair, State Fairgrounds Development Coalition (SFDC)

Ms. Hammer gave an overview of the coalition. The SFDC proposed making the area a multi-modal regional transit hub to connect rail and bus, connect to the airport, and connect

surrounding urban and suburban areas, in order to benefit the people and economy. Chair Jung thanked her for the presentation. Ms. Hammer passed out a report titled, "Public Land Transfer: Fast Track to the Past or Detroit's Future City?"

Mr. Frank Hammer, appointee to the State Fairgrounds Advisory Committee (FAC); however, he did not speak for the committee, but for himself and his community

Mr. Hammer noted his role the last few years has been to provide community feedback. He gave an overview of the FAC, the SFDC, and history of activities. He believes public leadership is needed on this issue to make it a transit hub, an exposition center, an asset, and catalyst to economic development in the area.

Chair Jung expressed thanks to all for their work and vision. He then asked Mr. Brickey to do research on the where the issue stands and put together a summary of the Commission's options.

- **Action item:** Mr. Brickey will provide an update on the current standing of the State Fairground land and a summary of the Commission's options.

VI. **ADJOURNMENT**

With no further business being before the Commission, Chair Jung declared the meeting adjourned at 10:57 a.m.

VII. **NEXT MEETING**

The next full meeting will be held Thursday, July 17, 2014, in the Metro Region, location to be determined.

Frank E. Raha, III
Commission Advisor

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

CONTRACTS

July 17, 2014

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

CONTRACTS

1. HIGHWAYS (Development Service Division) – Resolution “A” (Sale to Abutting Owner)
Tract 1411, Control Section 70114, Parcel 227, Part A

The subject tract is located in the Township of Crockery, Ottawa County, Michigan, and contains approximately 31.93 acres. The purchaser is the sole abutting owner, and the sale of this property was part of a negotiated property exchange for lands acquired by MDOT for the construction of the M-231 highway project. The negotiated price is \$5,000 per acre, which results in a total purchase price of \$159,650. The tract was approved for sale by Kelly Ramirez, Supervisor, Program and Property Management Unit, Real Estate Services Section, Development Services Division, on June 23, 2014. The sole abutting owner, the Spoonville Gun Club, a Michigan corporation, has submitted an Application to Purchase and Agreement of Sale and a check in the amount of \$7,900, which represents a five percent deposit. The property has been declared excess by the Bureau of Development.

2. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5264) between MDOT and the Gratiot 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), Federal Highway Administration Equity Bonus Funds, designated by Act 51 of the Public Acts of 1951 as Transportation Economic Development Category D Funds for Local Agency projects (FHWA Category D Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing with aggregate shoulder work along Lincoln Road from Pingree Road easterly to Winans Road, including guardrail and pavement marking work.

Estimated Funds:

| | |
|----------------------------|------------------|
| State Restricted TED Funds | \$ 47,500 |
| FHWA Category D Funds | \$ 4,750 |
| FHWA STP – Rural Funds | <u>\$185,250</u> |
| Total Funds | <u>\$237,500</u> |

EDDF 29555 - 119163
Letting of 7/11/2014

3. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5265) between MDOT and the Lapeer County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing with aggregate shoulder work along Lake Pleasant Road from Clear Lake Road northerly to Oak Grove Road, including pavement marking work.

Estimated Funds:

| | |
|-------------------------------------|------------------|
| State Restricted TED Funds | \$ 38,700 |
| FHWA STP – Rural Funds | \$310,000 |
| Lapeer County Road Commission Funds | \$ 38,700 |
| Total Funds | <u>\$387,400</u> |

STL 44555 - 117015
Letting of 7/11/2014

4. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5288) between MDOT and the Gratiot County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing with aggregate shoulder work along Bagley Road from Highway US-127 northerly to Washington Road, including guardrail and pavement marking work.

Estimated Funds:

| | |
|----------------------------|------------------|
| State Restricted TED Funds | \$ 71,100 |
| FHWA STP – Rural Funds | \$151,200 |
| Total Funds | <u>\$222,300</u> |

STL 29555 - 119161
Letting of 7/11/2014

5. HIGHWAYS - Participation for State Local Bridge Construction Contract
Contract (2014-5345) between MDOT and the Gogebic 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 B01 of 27-04-20 (#2983), which carries Lake Road over the Montreal River, Section 15, T48N, R49W, Ironwood Township, Gogebic County, Michigan, including hot mix asphalt overlay and approach paving, partial painting, concrete patching, and traffic control work.

Estimated Funds:

| | |
|--------------------------------------|------------------|
| Federal Highway Administration Funds | \$109,900 |
| State Restricted Trunkline Funds | \$ 20,600 |
| Gogebic County Road Commission Funds | <u>\$ 6,900</u> |
| Total Funds | <u>\$137,400</u> |

BHT 27004 - 112383

Letting of 7/11/2014

6. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2014-5362) between MDOT and the Iron 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 Equity Bonus Fund designated by Act 51 of the Public Acts of 1951 as Transportation Economic Development Category D Funds for Local Agency projects (FHWA Category D Funds):

Hot mix asphalt paving with aggregate shoulder work along County Road 424 from Buck Lake Road easterly approximately 0.5 miles, including aggregate base, pavement marking, and traffic control work.

Estimated Funds:

| | |
|----------------------------|------------------|
| State Restricted TED Funds | \$ 80,300 |
| FHWA Category D Funds | <u>\$ 60,500</u> |
| Total Funds | <u>\$140,800</u> |

EDDF 36555 – 116628

Letting of 7/11/2014

7. *HIGHWAYS - Participation for Local Agency Construction Contract

Amendatory Contract (2014-5364) between MDOT and the Ionia County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Hot mix asphalt resurfacing work along Jordan Lake Road from Henderson Road to Bonanza Road, including bypass and deceleration lane work.

The purpose of this amendment is to provide for the increase in the state participation ratio from 83 percent to 86 percent and the increase in the maximum amount of state funding from \$405,233 to \$501,693 to be applied to the eligible items of the project cost based on the low bid amount.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$219,260 will be met through local participation in the following project-related costs: preliminary engineering, right-of-way acquisition, construction, and construction engineering.

Estimated Funds:

| | <u>ORIGINAL</u> | <u>AMEND.</u> | <u>TOTAL</u> |
|------------------------------------|------------------|-----------------|------------------|
| State Restricted TED Funds | \$405,233 | \$96,460 | \$501,693 |
| Ionia County Road Commission Funds | <u>\$ 87,767</u> | <u>\$ 40</u> | <u>\$ 87,807</u> |
| Total Funds | <u>\$493,000</u> | <u>\$96,500</u> | <u>\$589,500</u> |

EDA 34522 - 123116
Amendment

8. HIGHWAYS - Participation for Local Agency Construction Contract

Amendatory Contract (2014-5365) between MDOT and the City of Detroit will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Reconstruction work along Civic Center Drive from the Jefferson Avenue Service Drive to Atwater Street, including traffic circle work, reconstruction work along the Jefferson Avenue Service Drive from Washington Boulevard easterly approximately 400 feet, drop-off circle construction work at the intersection of Washington Boulevard and the Jefferson Avenue Service Drive.

The purpose of this amendment is to provide for the inclusion of reconstruction work along the Jefferson Avenue Service Drive and the construction of a drop-off circle at the intersection of Washington Boulevard and the Jefferson Avenue Service Drive, the associated increase in the estimated project cost, a decrease in the state participation ratio from 95 percent to 91 percent, and an increase in the maximum state funding from \$1,570,900 to \$2,539,200 to be applied to the eligible items of the project cost.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$660,820 will be met through local participation in the following project-related costs: preliminary engineering, right-of-way acquisition, construction, and construction engineering.

Estimated Funds:

| | <u>ORIGINAL</u> | <u>AMEND.</u> | <u>TOTAL</u> |
|----------------------------|---------------------|--------------------|--------------------|
| State Restricted TED Funds | \$ 1,570,900 | \$ 968,300 | \$2,539,200 |
| City of Detroit Funds | <u>\$ 85,000</u> | <u>\$ 575,800</u> | <u>\$ 660,800</u> |
| Total Funds | <u>\$ 1,655,900</u> | <u>\$1,544,100</u> | <u>\$3,200,000</u> |

EDA 82522 – 117976; Wayne County
Amendment

9. HIGHWAYS - Participation for State Local Bridge Construction Contract

Contract (2014-5386) between MDOT and the Allegan 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, including hot mix asphalt surface replacement, guardrail, riprap, bridge railing replacement, approach, and maintaining traffic work, at the following locations:

Structure B01 of 03-06-08 (#244), which carries 147th Avenue over the north branch of the Black River, Section 3, T4N, R15W, Fillmore Township, Allegan County, Michigan;

Structure B01 of 03-18-19 (#291), which carries 46th Street over the south branch of the Black River, Sections 4 and 5, T4N, R14W, Overisel Township, Allegan County, Michigan;

Structure B01 of 03-08-13 (#251), which carries 9th Street over the Gun River, Section 17, T1N, R11W, Gun Plain Township, Allegan County, Michigan; and

Structure B01 of 03-08-15 (#252), which carries 7th Street over the Gun River, Section 16, T1N, R11W, Gun Plain Township, Allegan County, Michigan.

Estimated Funds:

| | |
|--------------------------------------|------------------|
| Federal Highway Administration Funds | \$267,800 |
| State Restricted Trunkline Funds | \$ 50,200 |
| Allegan County Road Commission Funds | <u>\$ 16,700</u> |
| Total Funds | <u>\$334,700</u> |

BHO 03006 - 115771
Letting of 8/1/2014

10. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5389) between MDOT and the Monroe County Road Commission will provide for participation in the following improvements:

Single course chip seal and pavement marking work along Bluebush Road from Raisinville Road southeasterly to Stewart Road and along Stewart Road from Bluebush Road southeasterly to Parkwest Drive.

Estimated Funds:

| | |
|--------------------------------------|-----------------|
| Federal Highway Administration Funds | \$58,850 |
| Monroe County Road Commission Funds | <u>\$13,050</u> |
| Total Funds | <u>\$71,900</u> |

STU 58471 – 121569
Local Force Account

11. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5390) between MDOT and the Monroe County Road Commission will provide for participation in the following improvements:

Single course chip seal and pavement marking work along Sterns Road from Memorial Highway to Sylvania Petersburg Road and along Sterns Road from the northbound Highway US-23 ramps to Whiteford Center Road.

Estimated Funds:

| | |
|--------------------------------------|-----------------|
| Federal Highway Administration Funds | \$70,391 |
| Monroe County Road Commission Funds | <u>\$15,609</u> |
| Total Funds | <u>\$86,000</u> |

STU 58471 – 123237
Local Force Account

12. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5394) between MDOT and the Clinton County Road Commission will provide for participation in the following improvements:

Single course chip seal work along Meridian Road from Hibbard Road northerly to the south village limits of Ovid.

Estimated Funds:

| | |
|--------------------------------------|-----------------|
| Federal Highway Administration Funds | \$52,413 |
| Clinton County Road Commission Funds | <u>\$13,103</u> |
| Total Funds | <u>\$65,516</u> |

STL 19037 - 120496
Local Force Account

13. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5395) between MDOT and the Clinton County Road Commission will provide for participation in the following improvements:

Single course chip seal work along Price Road from Chandler Road easterly to Upton Road.

Estimated Funds:

| | |
|--------------------------------------|-----------------|
| Federal Highway Administration Funds | \$68,046 |
| Clinton County Road Commission Funds | <u>\$17,012</u> |
| Total Funds | <u>\$85,058</u> |

STL 19037 - 120498
Local Force Account

14. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5396) between MDOT and the Clinton 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 course chip seal work along Grange Road from Howe Road northerly to Pratt Road.

Estimated Funds:

| | |
|----------------------------|-----------------|
| State Restricted TED Funds | \$17,012 |
| FHWA STP – Rural Funds | <u>\$68,046</u> |
| Total Funds | <u>\$85,058</u> |

STL 19555 - 124372
Local Force Account

15. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5400) between MDOT and the Benzie County Road Commission will provide for participation in the following improvements:

Sign upgrading and vegetation clearing work at the following intersections:

Homestead Road (County Road 608) at Case Road
Pioneer Road at Homestead Road (County Road 608)
Lindy Road (County Road 602) at Weldon Road (County Road 677)

Estimated Funds:

| | |
|--------------------------------------|----------------|
| Federal Highway Administration Funds | \$8,042 |
| Benzie County Road Commission Funds | <u>\$ 894</u> |
| Total Funds | <u>\$8,936</u> |

STH 10609 - 118855
Local Force Account

16. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2014-5401) between MDOT and the St. Clair County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category F Funds:

Hot mix asphalt resurfacing work along Dove Street from approximately 0.25 miles west of Michigan Road to approximately 0.32 miles east of Michigan Road, including shoulder and drainage improvement work.

Estimated Funds:

| | |
|--|------------------|
| State Restricted TED Funds | \$375,000 |
| St. Clair County Road Commission Funds | <u>\$ 95,000</u> |
| Total Funds | <u>\$470,000</u> |

EDF 77566 - 122424
Local Letting

17. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2014-5408) between MDOT and the Osceola County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing work along 210th Avenue (Mackinaw Trail) from 6 Mile Road to 10 Mile Road, including pavement marking work.

Estimated Funds:

| | |
|--------------------------------------|------------------|
| State Restricted TED Funds | \$ 65,400 |
| FHWA STP – Rural Funds | \$373,500 |
| Osceola County Road Commission Funds | \$ 28,000 |
| Total Funds | <u>\$466,900</u> |

STL 67555 - 110339
 Letting of 8/1/2014

18. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2014-5410) between MDOT and the Branch 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 course chip seal work along Girard Road from Union City Road to Marshall Road.

Estimated Funds:

| | |
|----------------------------|-----------------|
| State Restricted TED Funds | \$16,300 |
| FHWA STP – Rural Funds | <u>\$65,200</u> |
| Total Funds | <u>\$81,500</u> |

STL 12555 - 124597
 Local Force Account

19. HIGHWAYS - Participation for Local Agency Construction Contract
 Contract (2014-5426) between MDOT and the Branch 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 course chip seal work along Squires Road from Highway US-12 to Jonesville Road.

Estimated Funds:

| | |
|----------------------------|-----------------|
| State Restricted TED Funds | \$10,494 |
| FHWA STP – Rural Funds | <u>\$41,976</u> |
| Total Funds | <u>\$52,470</u> |

STL 12555 - 115971
Local Force Account

20. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2014-5427) between MDOT and the Branch 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 course chip seal work along Snow Prairie Road from Kosmerick Road to Highway US-12.

Estimated Funds:

| | |
|----------------------------|-----------------|
| State Restricted TED Funds | \$16,673 |
| FHWA STP – Rural Funds | <u>\$66,691</u> |
| Total Funds | <u>\$83,364</u> |

STL 12555 - 124596
Local Force Account

21. HIGHWAYS - Participation for Local Agency Preliminary Engineering

Contract (2014-5441) between MDOT and the City of Sault Ste. Marie will provide for funding participation in the following improvements:

Preliminary engineering work for the reconstruction of the Highway I-75 business spur from Easterday Avenue to Sheridan Avenue, together with necessary related work.

Estimated Funds:

| | |
|--------------------------------------|-----------------|
| Federal Highway Administration Funds | \$31,818 |
| State Restricted Trunkline Funds | <u>\$ 7,056</u> |
| Total Funds | <u>\$38,874</u> |

NH 17032 – 104842C; Chippewa County
Local Preliminary Engineering

22. PASSENGER TRANSPORTATION - Section 5307 Program

Project Authorization (19) Revision (2) under Master Agreement (2007-0185) between MDOT and the Capital Area Transportation Authority (CATA), in Ingham County, will extend the authorization term by two years to provide sufficient time for CATA to complete the project. The Authority has combined funds from several sources to secure sufficient funding for the next phase of the Michigan/Grand River Corridor - Bus Rapid Transit planning activities. The original authorization provides state matching funds for CATA's FY 2009 Federal Section 5307 Urbanized Area Formula Capital Program grant for the lease and purchase of buses; for the purchase of bus shelters, signage, safety and security consulting, associated capital maintenance items, and computer hardware and software; for preventative maintenance; for the construction of pedestrian accesses and facility improvements; and for planning activities. The revised authorization term will be August 17, 2009, through August 16, 2016. The authorization amount remains unchanged at \$5,898,572. The toll credit amount remains unchanged at \$672,213. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$5,391,071; FY 2002, FY 2003, and FY 2009 State Restricted Comprehensive Transportation Funds - \$507,501.

23. PASSENGER TRANSPORTATION - Section 5307/Surface Transportation Program

Project Authorization (31) Revision (2) under Master Agreement (2007-0254) between MDOT and the Mass Transportation Authority (MTA), in Genesee County, will extend the authorization term by 18 months to provide sufficient time for MTA to complete the construction of a service center in Davison. The project has been delayed pending completion of the National Environmental Protection Agency process with the Federal Transit Administration (FTA). The original authorization provides state matching funds for the FY 2010 Federal Section 5307 Urbanized Area Formula Capital Program and Surface Transportation Program grant for the construction of administrative/maintenance facilities. The revised authorization term will be September 8, 2010, through March 7, 2016. The authorization amount remains unchanged at \$1,421,061. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: FTA Funds - \$1,136,849; FY 2010 State Restricted Comprehensive Transportation Funds - \$284,212.

24.-29. PASSENGER TRANSPORTATION - Section 5311 Operating Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide federal funds and state matching funds under the FY 2014 Federal Section 5311 Formula Grants for Rural Areas Program to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The authorizations will be in effect from October 1, 2014, through September 30, 2015. The total amount of the authorizations will be \$925,552. The terms of the master agreements are from October 1, 2011, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$480,776; FY 2014 State Restricted Comprehensive Transportation Funds - \$444,776.

| | <u>Agreement/ Authorization</u> | <u>Agency</u> | <u>Amount</u> |
|-----|-------------------------------------|---|---------------|
| 24. | 2012-0028/P19 | Allegan County Board of Commissioners | \$102,300 |
| 25. | 2012-0030/P18 | Altran Transit Authority | \$141,198 |
| 26. | 2012-0100/P10 | Huron County Board of Commissioners | \$199,300 |
| 27. | 2012-0105/P14 | Ionia, City of | \$168,500 |
| 28. | 2012-0151/P9 | People's Express | \$212,184 |
| 29. | 2012-0170/P29 | Suburban Mobility Authority for Regional Transportation | \$102,070 |

30. PASSENGER TRANSPORTATION - Section 5311 Capital/Surface Transportation Program
 Project Authorization (4) Revision (1) under Master Agreement (2012-0034) between MDOT and the Antrim County Board of Commissioners will add line items for facility improvements, computer equipment, maintenance equipment, office equipment, and communication equipment and will adjust the funding between line items. Because the van cost less than was anticipated, the County is requesting permission to purchase needed equipment and enhancements for the transit facility. This revision has been approved by the rural task force. The original authorization provides federal funds from the County's FY 2013 Federal Section 5311 Capital Program and Surface Transportation Program grant and state matching funds for the purchase of one expansion van. The authorization term remains unchanged, September 23, 2013, through September 22, 2016. The authorization amount remains unchanged at \$57,500. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$46,000; FY 2013 State Restricted Comprehensive Transportation Funds - \$11,500.

31. PASSENGER TRANSPORTATION - Section 5311 Capital/Surface Transportation Program
 Project Authorization (4) Revision (1) under Master Agreement (2012-0041) between MDOT and the Bay Area Transportation Authority (BATA), in Traverse City, will add line items for facility improvements, computer equipment, and maintenance equipment and will adjust the funding between line items. The cost of the on-board cameras was less than anticipated, so BATA is requesting permission to purchase needed equipment and enhancements for the transit facility. The original authorization provides federal funds from the FY 2012 Federal Section 5311 Capital Program and Surface Transportation Program grant and state matching funds for on-board security cameras. The authorization term remains unchanged, September 24, 2012, through September 23, 2015. The authorization amount remains unchanged at \$82,500. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$66,000; FY 2012 State Restricted Comprehensive Transportation Funds - \$16,500.

32.-36. PASSENGER TRANSPORTATION - Section 5316 Job Access and Reverse Commute Program
 The following authorization revisions issued under master agreements between MDOT and the following agencies will provide additional state funds in the amount of \$683,072 for operating assistance. The original authorizations provide federal funds and state matching funds under the FY 2014 Federal Section 5316 Job Access and Reverse Commute Program to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The revised total amount of the authorizations will be \$1,248,656. The terms of the authorizations remain unchanged, October 1, 2013, through September 30, 2014. The terms of the master agreements are from October 1, 2011, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$282,792; FY 2014 State Restricted Comprehensive Transportation Funds - \$965,864.

| | <u>Agreement/Auth./Revision</u> | <u>Agency</u> | <u>Amount</u> |
|-----|---------------------------------|--|---------------|
| 32. | 2012-0042/P13/R1 | Bay Metropolitan Transportation Authority (Bay County) | \$ 145,000 |
| 33. | 2012-0110/P8/R1 | Jackson Area Transportation Authority | \$ 400,000 |
| 34. | 2012-0118/P6/R1 | Livingston County Board of Commissioners | \$ 77,670 |
| 35. | 2012-0159/P9/R1 | Saginaw Transit Authority Regional Services | \$ 239,946 |
| 36. | 2012-0173/P7/R1 | Twin Cities Area Transportation Authority | \$ 386,040 |

37. PASSENGER TRANSPORTATION - Section 5339 Program
Project Authorization (11) Revision (1) under Master Agreement (2012-0055) between MDOT and the Capital Area Transportation Authority (CATA), in Ingham County, will provide an additional \$171,507 in state funds for the purchase of replacement buses and will extend the authorization term by one year to provide sufficient time for CATA to complete the project. The original authorization provides state matching funds for CATA's FY 2013 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of replacement buses. The revised authorization term will be July 22, 2013, through July 23, 2018. The revised authorization amount will be \$1,684,008. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$1,347,206; FY 2013 State Transportation Funds - \$165,295; FY 2014 State Restricted Comprehensive Transportation Funds - \$171,507.
38. PASSENGER TRANSPORTATION - Section 5307/Surface Transportation Program
Project Authorization (13) under Master Agreement (2012-0112) between MDOT and the City of Kalamazoo will provide state matching funds for the FY 2014 Federal Section 5307 Urbanized Area Formula Capital Program and Surface Transportation Program grant for the purchase of up to six replacement vehicles and one expansion vehicle. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$259,000. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$207,200; FY 2014 State Restricted Comprehensive Transportation Funds - \$51,800.
39. PASSENGER TRANSPORTATION - Section 5307 Program
Project Authorization (9) Revision (1) under Master Agreement (2012-0138) between MDOT and the Muskegon County Board of Commissioners will provide an additional \$51,379 in state funds for public transit outreach and marketing and will extend the authorization term by one year to provide sufficient time for the County to complete the project. The original authorization provides state matching funds for the FY 2013 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for the purchase of a replacement bus and for marketing and outreach activities. The revised authorization term will be September 16, 2013, through September 15, 2018. The revised authorization amount will be \$539,118. 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 - \$431,294; FY 2013 and FY 2014 State Transportation Funds - \$107,824.

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

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

July 17, 2014

The following contracts are being submitted for approval.

STATE PROJECTS

- | | | |
|----|--|--|
| 1. | LETTING OF AUGUST 01, 2014 PROPOSAL 1408030 PROJECT ST 11052-124106 LOCAL AGRMT. START DATE - SEPTEMBER 08, 2014 COMPLETION DATE - OCTOBER 31, 2014 | PREQUALIFICATION LEVEL \$ 1,415,000.00 |
|----|--|--|

3.25 mi of hot mix asphalt cold milling and overlay, shoulder reconstruction, and guardrail on M-139 from Fairland Road to south of Deans Hill Road, Berrien County.

4.00 % DBE participation required

- | | | |
|----|---|--|
| 2. | LETTING OF AUGUST 01, 2014 PROPOSAL 1408031 PROJECT RRRF 70063-118902 LOCAL AGRMT. START DATE - SEPTEMBER 08, 2014 COMPLETION DATE - JUNE 23, 2015 | PREQUALIFICATION LEVEL \$ 1,407,000.00 |
|----|---|--|

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

0.00 % DBE participation required

- | | | |
|----|---|--|
| 3. | LETTING OF AUGUST 01, 2014 PROPOSAL 1408036 PROJECT IM 11016-118685 LOCAL AGRMT. START DATE - SEPTEMBER 08, 2014 COMPLETION DATE - JUNE 27, 2015 | PREQUALIFICATION LEVEL \$ 3,365,000.00 |
|----|---|--|

Bridge rehabilitation including deck patching, epoxy overlay, railing replacement, minor deck widening, partial painting, beam end repair, placing scour countermeasures, and approach work on I-94 eastbound and westbound over the St. Joseph River, Berrien County.

5.00 % DBE participation required

4. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408041 \$ 754,000.00
PROJECT ST 18042-124026
LOCAL AGRMT.
START DATE - SEPTEMBER 08, 2014
COMPLETION DATE - OCTOBER 10, 2014

3.12 mi of hot mix asphalt cold milling and resurfacing, guardrail, and pavement marking on M-61 from Clare Avenue easterly to Rodgers Avenue, Clare County. This project includes a 3 year materials and workmanship pavement warranty.

4.00 % DBE participation required

5. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408047 \$ 2,687,000.00
PROJECT BHT 77032-114377, ETC
LOCAL AGRMT.
START DATE - 10 days after award
COMPLETION DATE - JUNE 12, 2015

Electrical, hydraulic, and structural rehabilitation on I-94BL over Black River and on M-29 over Pine River in the city of Port Huron, St.Clair County. This project includes a 2 year bridge painting warranty.

4.00 % DBE participation required

6. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408048 \$ 667,000.00
PROJECT M 84900-M51404
LOCAL AGRMT.
START DATE - SEPTEMBER 02, 2014
COMPLETION DATE - OCTOBER 31, 2014

Deck patching and crack sealing, substructure and concrete T-beam patching, hot mix asphalt overlay with membrane preformed waterproofing, hot mix asphalt approaches, and pavement relief joints on I-94, I-94BL, M-311, US-12, and US-131BR, Berrien, Calhoun, Cass, Kalamazoo, and St. Joseph Counties.

0.00 % DBE participation required

LOCAL PROJECTS

7. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408001 \$ 1,971,000.00
PROJECT STU 82457-120449
LOCAL AGRMT. 14-5392
START DATE - 10 days after award
COMPLETION DATE - OCTOBER 30, 2016

Bridge removal and replacement with a three-sided culvert on drilled shafts and concrete approach paving on West Jefferson Avenue over abandoned Conrail Railroad in the city of Detroit, Wayne County.

5.00 % DBE participation required

8. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408002 \$ 1,482,000.00
PROJECT NH 82457-123344
LOCAL AGRMT. 14-5378
START DATE - APRIL 15, 2015
COMPLETION DATE - 50 working days

1.06 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter, sidewalk and ramps, guardrail, bridge repairs, signing, and pavement markings on Warren Road from Telegraph Road (US-24) to Outer Drive in the cities of Dearborn Heights and Detroit, Wayne County.

5.00 % DBE participation required

9. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408003 \$ 652,000.00
PROJECT STUL 11400-112087
LOCAL AGRMT. 14-5253
START DATE - 10 days after award
COMPLETION DATE - AUGUST 15, 2015

1.50 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage, and pavement marking on Broadway Avenue from Empire Avenue north to Pipestone Road and on Colfax Avenue from May Street north to Britain Avenue, Berrien County.

4.00 % DBE participation required

10. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408004 \$ 608,000.00
PROJECT BHT 73020-115755
LOCAL AGRMT. 14-5393
START DATE - 10 days after award
COMPLETION DATE - SEPTEMBER 01, 2015

Partial painting of steel beams and pin and hanger replacement on Johnson Street over the Saginaw River in the city of Saginaw, Saginaw County.

0.00 % DBE participation required

11. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408005 \$ 543,000.00
PROJECT BRO 32025-115723
LOCAL AGRMT. 14-5376
START DATE - 10 days after award
COMPLETION DATE - JUNE 01, 2015

Bridge removal and replacement with prestressed, concrete I-beams, hot mix asphalt paving, and guardrail placement on Schock Road over Elm Creek, Huron County.

5.00 % DBE participation required

12. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408006 \$ 518,000.00
PROJECT STU 82457-123347
LOCAL AGRMT. 14-5379
START DATE - APRIL 15, 2015
COMPLETION DATE - 70 working days
- 2.30 mi of concrete pavement repairs, crack sealing, joint repairs, concrete curb, gutter, sidewalk and ramps, and pavement markings on Base Line Road from Meadowbrook Road east to Newburgh Road in the cities of Novi, Farmington Hills, and Livonia, Oakland and Wayne Counties.
- 4.00 % DBE participation required
13. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408009 \$ 730,000.00
PROJECT STUL 70400-114521
LOCAL AGRMT. 14-5382
START DATE - SEPTEMBER 02, 2014
COMPLETION DATE - JUNE 12, 2015
- 1.88 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, guardrail, and pavement markings on 96th Avenue from Ottogan Street north to south of Perry Street, Ottawa County.
- 3.00 % DBE participation required
14. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408010 \$ 1,359,000.00
PROJECT NH 63459-124346
LOCAL AGRMT. 14-5417
START DATE - 10 days after award
COMPLETION DATE - JUNE 15, 2015
- 0.43 mi of concrete pavement removal and replacement, drainage, concrete curb and gutter, guardrail, and pedestrian signal on Baldwin Road from south of I-75 to north of Brown Road in the city of Auburn Hills, Oakland County.
- 5.00 % DBE participation required
15. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408011 \$ 1,621,000.00
PROJECT STU 25049-121491
LOCAL AGRMT. 14-5423
START DATE - 10 days after award
COMPLETION DATE - MAY 22, 2015
- 1.00 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, concrete curb, gutter, sidewalk and ramps, drainage, and pedestrian signal on South Center Road from Atherton Road north to Lippincott Boulevard in the city of Burton, Genesee County.
- 5.00 % DBE participation required

16. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408014 \$ 579,000.00
PROJECT STL 11555-120009
LOCAL AGRMT. 14-5425
START DATE - 10 days after award
COMPLETION DATE - 30 working days
- 1.00 mi of hot mix asphalt surfacing, pavement removal, aggregate base, shoulders, trenching, culverts, and guardrail on Cleveland Avenue from Hinchman Road north to Lemon Creek Road, Berrien County.
- 3.00 % DBE participation required
17. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408027 \$ 500,000.00
PROJECT TAU 50458-121681
LOCAL AGRMT. 14-5415
START DATE - 10 days after award
COMPLETION DATE - SEPTEMBER 19, 2016
- 2.40 mi of hot mix asphalt shared-use path, concrete curb, gutter, decorative sidewalk and ramps, and pavement markings along Outer Drive from Conner Street west to Van Dyke Avenue and on Van Dyke Avenue from Outer Drive north to Stephens Road in the cities of Detroit, Warren, and Center Line, Macomb and Wayne Counties.
- 4.00 % DBE participation required
18. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408037 \$ 912,000.00
PROJECT STL 15029-123403
LOCAL AGRMT. 14-5398
START DATE - 10 days after award
COMPLETION DATE - NOVEMBER 01, 2014
- 0.22 mi of hot mix asphalt surfacing, watermain, storm sewer, concrete curb, gutter, sidewalk and ramps, and minor landscaping on State Street from Hurlbut Avenue northerly to Clinton Street in the City of Charlevoix, Charlevoix County.
- 5.00 % DBE participation required
19. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408038 \$ 522,000.00
PROJECT TAU 41401-122963
LOCAL AGRMT. 14-5445
START DATE - AUGUST 08, 2014
COMPLETION DATE - OCTOBER 01, 2016
- 0.39 mi of hot mix asphalt shared-use path, concrete curb, gutter, sidewalk and ramps, pedestrian bridge, retaining wall, signing, and fencing on Joyce Street from Cannonsburg Road north to Townsend Park, Kent County.
- 3.00 % DBE participation required

20. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408044 \$ 890,000.00
PROJECT EDDF 80555-116598
LOCAL AGRMT. 14-5433
START DATE - 10 days after award
COMPLETION DATE - OCTOBER 31, 2014

1.86 mi of hot mix asphalt surfacing, widening, trenching, concrete driveway, curb and gutter, tree removal, drainage, guardrail, and pavement markings on County Road 352 from County Road 358 easterly to the Decatur village limits, Van Buren County.

4.00 % DBE participation required

21. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408052 \$ 1,377,000.00
PROJECT TA 82400-119561
LOCAL AGRMT. 14-5444
START DATE - 10 days after award
COMPLETION DATE - OCTOBER 02, 2016

2.80 mi of median streetscape, concrete pavement, curb and sidewalk, grading, and pavement markings on Livernois Avenue from the Lodge Freeway north to 8 Mile Road in the city of Detroit, Wayne county.

5.00 % DBE participation required

AERONAUTICS PROJECT

22. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408042 \$ 771,000.00
PROJECT FM 83158-124678
LOCAL AGRMT.
START DATE - SEPTEMBER 02, 2014
COMPLETION DATE - 28 calendar days

Taxiway rehabilitation, crack sealing, seal coating, and paint marking at the Wexford County Airport, city of Cadillac, Wexford County.

4.00 % DBE participation required

FREIGHT SERVICES

23. LETTING OF AUGUST 01, 2014 PREQUALIFICATION LEVEL
PROPOSAL 1408043 \$ 107,000.00
PROJECT CTF 84900-124644
LOCAL AGRMT.
START DATE - 10 day after award
COMPLETION DATE - APRIL 03, 2015

Repairs to four timber bridges and associated track work including deck tie replacement, bent repair, pier cap replacement, slope restoration, and track work on the Great Lakes Central Railroad over Swainston River, Manistee River, Clinton Drain, and Miner Drain, Grand Traverse, Wexford, and Shiawassee Counties.

0.0 % DBE participation required

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

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

LETTING EXCEPTIONS AGENDA

July 17, 2014

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

STATE PROJECT

1. LETTING OF JUNE 06, 2014
 PROPOSAL 1406056 ENG. EST. \$ 2,693,624.39 LOW BID \$ 3,860,609.60
 PROJECT MX 82872-104135
 LOCAL AGRMT. % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - MAY 29, 2015 43.32 %

Replacement of the Canadian National Railroad bridge over Junction Avenue, grading and placement of railroad ballast, retaining wall, hot mix asphalt approach, and concrete curb, gutter and sidewalk in the city of Detroit, Wayne County.

0.00 % DBE participation required

| BIDDER | AS-SUBMITTED | AS-CHECKED | |
|-----------------------------------|------------------------|-------------|-------------|
| Dan's Excavating, Inc. | \$ 3,860,609.60 | Same | 1 ** |
| E. C. Korneffel Co. | \$ 3,863,325.36 | Same | 2 |
| Anlaan Corporation | \$ 3,983,905.51 | Same | 3 |
| Walter Toebe Construction Company | \$ 3,989,799.38 | Same | 4 |
| Z Contractors, Inc. | \$ 4,049,465.29 | Same | 5 |
| C. A. Hull Co., Inc. | \$ 4,180,858.79 | Same | 6 |
| Hardman Construction, Inc. | | | |

6 Bidders

LOCAL PROJECT

~~2. LETTING OF JUNE 06, 2014
 PROPOSAL 1406016 ENG. EST. \$ 905,400.00 LOW BID \$ 1,024,903.65
 PROJECT STU 63459-122753
 LOCAL AGRMT. 14 5204 % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - JUNE 15, 2015 13.20 %~~

~~0.77 mi of concrete pavement repairs, concrete curb, gutter, sidewalk and ramps, and pedestrian signal upgrades on University Drive from Cross Creek Parkway east to North Squirrel Road in the city of Auburn Hills, Oakland County.~~

~~4.00 % DBE participation required~~



| BIDDER | AS SUBMITTED | AS CHECKED |
|------------------------------------|----------------------------|-----------------------|
| Florence Cement Company | \$ 1,024,803.65 | Same 1 ** |
| Fiore Enterprises LLC | \$ 959,571.50 | Same n/e |
| Major Cement Co. | \$ 1,098,243.00 | Same 2 |
| C & D Hughes, Inc. | | |

~~3 Bidders~~

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

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

**EXHIBIT B
Department Projects
Items to the Commission - July 17, 2014**

| | | | Total Over the Original Cost (All MDOT) | | | | Total Over the Original Cost (MDOT/MDOT) | | Total Over the Original Cost (MDOT/Cons) | | | | | |
|--------|-----------------|------------|--|-------------------------|--------------------------|-----------------------|--|-----------------------------|--|---------------|---------------|------------|--|--|
| | | | \$2,067,485.47 | | | | \$1,791,692.88 | | \$275,792.59 | | | | | |
| | | | Number of Projects Over 10% (8 Total) | | | | Total Original Contract Amount | Total Final Contract Amount | Total Increase or Decrease | Total Percent | | | | |
| | | | | | | | \$10,064,850.95 | \$12,132,336.42 | \$2,067,485.47 | 20.54% | | | | |
| Region | Control Section | Job Number | Project Description | Prime Contractor | Original Contract Amount | Final Contract Amount | Increase | Percent | Date Work Started | Expect Compl. | Actual Compl. | Final Date | Designed by MDOT (M) or Consultant (C) | Reason for Additional Project Costs |
| Metro | 82252 | 103542 | 0.64 mi of landscaping and fence replacement on I-75 (Chrysler Freeway) from GTWRR to north of Commor Street in the city of Hamtramck, Wayne County. | Marine City Nursery Co. | \$496,944.11 | \$617,321.51 | \$120,377.40 | 24.22% | 8/20/2009 | 9/19/2012 | 9/26/2012 | 07/02/13 | M | <u>Reason 1:</u> Earth Excavation was increased on CM 1, CM 2 and CM 3 a total of \$32,700 mostly because extra excavation was needed to smooth out the area at the top of the slope due to the old fence line. <u>Reason 2:</u> During the course of the job, the prime contractor went out of business and the surety company was brought in to finish the project. In discussions between the lawyer for the surety and the AG's office, it was agreed that the Department would allow certain increases in the unit prices and quantities for the replacement Contractor. The initial agreement between the Attorney General's Office and the Bonding Company's Lawyers, covered in CM 5, was for \$66,081.48. An additional \$5400 was added in CM 7 to balance out quantities actually completed. Reasons 1-2 account for \$104,181.48, or 86% of the total project cost increases. |
| Grand | 41064 | 105798 | 23.02 mi of fiber optic cable installation, ITS conduit, innerduct, handholes, and cabinets on M-6, from I-196 to I-96 and on I-96, from M-6 to M-11, Kent and Ottawa Counties. | J. Ranck Electric, Inc. | \$747,871.07 | \$845,740.78 | \$97,869.71 | 13.09% | 10/15/2009 | 7/1/2010 | 3/8/2013 | 07/02/13 | C | <u>Reason 1:</u> Existing conduit and handholes to be used for fiber installation were buried, broken or filled and some needed to be extensively cleaned, or replaced. Shared risk items were set up on this design-build project in anticipation of this case, but the extent to which it would be needed was underestimated. Reason 1 accounts for 100% of the total project increase. |
| Bay | 73111 | 100523 | 34.70 mi of installing 18 ITS devices including microwave detection system, closed circuit television cameras, dynamic message signs, and communication towers at various locations along I-75 and I-675, Saginaw and Bay Counties. | RMD Holdings, Ltd. | \$1,747,830.99 | \$1,925,753.87 | \$177,922.88 | 10.18% | 6/3/2010 | 10/29/2010 | 7/1/2013 | 11/25/13 | C | <u>Reason 1:</u> CM 6 includes an increase of \$22,540.00 to perform a spectrum analysis to help identify communication and transmission problems with the equipment after it was installed. When the project was designed, a spectrum analysis was not a standard part of the design, particularly in rural areas where interference was not expected. The spectrum analysis identified that farming equipment within the area was operating on the same band width and was interfering with the system. <u>Reason 2:</u> CM 9 and CM 11 include increases of \$42,394.75 and \$75,647.04. This includes revisions to correct the interferences identified by the spectrum analysis and then test the system to ensure satisfactory transmission. Reasons 1-2 account for \$140,581.79, or 79% of the total project cost increases. |
| Metro | 50061 | 118739 | 5.95 mi of concrete pavement repairs to mainline and ramps on I-696 from Dequindre Road to Mound Road and from M-1 to Dequindre Road in the cities of Royal Oak, Madison Heights and Warren, Oakland and Macomb Counties. | Florence Cement Company | \$1,816,653.83 | \$2,685,853.29 | \$869,199.46 | 47.85% | 8/19/2013 | 10/7/2013 | 10/22/2013 | 03/04/14 | M | <u>Reason 1:</u> This project was a concrete pavement patching job. CM 1 increased the quantities for the patching items due to the pavement condition being worse than originally anticipated in the project patch log. Reason 1 accounts for \$800,000.00, or 92% of the total project cost increases. |
| Metro | 82291 | 106194 | 5.47 mi of Metro Trail rehabilitation and reconstruction, bridge reconstruction, boardwalk construction, retaining wall construction, pedestrian signal, permanent signing, pavement marking, ADA ramps, and landscaping on I-275 Metro Trail from US-12 (Michigan Avenue) to south of I-94, in the city of Romulus, Wayne County. | Dan's Excavating, Inc. | \$2,738,321.96 | \$3,075,650.08 | \$337,328.12 | 12.32% | 10/11/2010 | 10/1/2013 | 10/1/2013 | 03/10/14 | M | <u>Reason 1:</u> CM 1 includes additional tree removal of \$20,765. The original quantity was underestimated. <u>Reason 2:</u> CM 5 includes additional \$156,939. Due to very poor soils, additional undercutting and pavement reconstruction was needed. <u>Reason 3:</u> CM 6,11 and 15 include a net addition of \$125,086.10. This was in response to cleaning up the leachate that entered Copper Counts Drain via the 21 AA Crushed Concrete Base. This corrective action and plan revision was mandated by the MDEQ. Reasons 1-3 account for \$302,790.31, or 90% of the total project cost increases |

**EXHIBIT B
Department Projects
Items to the Commission - July 17, 2014**

| Number of Projects Over 10% (8 Total) | | | | Total Original Contract Amount | Total Final Contract Amount | Total Increase or Decrease | Total Percent | | | | | | | |
|---------------------------------------|-----------------|------------|--|------------------------------------|-----------------------------|----------------------------|---------------|---------|-------------------|---------------|---------------|------------|--|--|
| | | | | \$10,064,850.95 | \$12,132,336.42 | \$2,067,485.47 | 20.54% | | | | | | | |
| 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 |
| Superior | 17034 | 109979 | Bridge rehabilitation, shallow overlay, partial deck replacement at centerline joint and fascias, railing replacement, complete painting, substructure repair, approach work, and maintaining traffic on 3 Mile Road (I-75BS) over I-75, Chippewa County. This project includes a 2 year bridge painting warranty. | J. Slagter & Son Construction Co. | \$787,995.44 | \$911,561.57 | \$123,566.13 | 15.68% | 6/25/2013 | 9/27/2013 | 10/2/2013 | 03/26/14 | M | <u>Reason 1:</u> CM 1 included increases \$93,629.50 for "Patch, Forming, Special", "Temp Support, Special", and "Concrete Bridge Deck Overlay". The existing bridge deck and substructure were in worse condition than originally estimated and required more extensive repairs than anticipated. The most expensive item "Patch, Forming, Special" was required because during hydrodemolition operations, the deck was in such poor condition that holes were blown through the entire bridge deck. As a result of this advanced deterioration, the item "Conc, Bridge Deck Ovly" (paid by the cubic yard) also overran plan quantity which further contributed to the additional project costs. Reason 1 accounts for \$93,629.50, or 76% of the total project cost increases. |
| University | 33011 | 116329 | 1.02 mi of hot mix asphalt cold milling and overlay and concrete curb, gutter, sidewalk and ramp on M-99 from Victor Avenue northerly to the south approach of the Grand River Bridge in the city of Lansing, Ingham County. This project includes a 3 year materials and workmanship pavement warranty. | Rieth-Riley Construction Co., Inc. | \$840,225.86 | \$952,265.17 | \$112,039.31 | 13.33% | 6/12/2013 | 10/10/2013 | 10/10/2013 | 03/10/14 | M | <u>Reason 1:</u> The HMA quantities were estimated for the proposed 1.5" cold milling and resurfacing. When milling began, it was realized the 1.5" depth would leave behind a thin layer of existing asphalt. To eliminate bonding issues between the new asphalt and the existing pavement, the loose material was removed. This additional depth resulted in an overrun in the HMA items. Overrun costs were \$41,713.54 in HMA, 5E3 and \$69,374.95 in HMA Approach, both items were included on CM 5. Reason 1 accounts for \$111,088.49, or 99% of the total project cost increases. |
| University | 58151 | M61202 | 20.81 mi of concrete pavement repairs on I-75 from the Ohio state line northerly to I-275 in the cities of Monroe and Luna Pier, Monroe County. | C & D Hughes, Inc. | \$889,007.69 | \$1,118,190.15 | \$229,182.46 | 25.78% | 9/13/2012 | 10/22/2012 | 10/22/2012 | 03/18/14 | M | <u>Reason 1:</u> CM 1 and 2 included an increase of \$229,181.25 for items related to concrete patches. Additional concrete patches were needed to address deteriorated concrete throughout the project limits. Reason 1 accounts for 100% of the total project cost increases. |

**EXHIBIT B
Local Projects
Items to the Commission - July 17, 2014**

| | | Total Over the Original Cost (All Local) | | | | Total Over the Original Cost (Local/Local) | | | | Total Over the Original Cost (Local/Cons) | | | | |
|------------|-----------------|--|---|-------------------------------|--------------------------|--|-----------------------------|----------------------------|-------------------|---|---------------|------------|---|--|
| | | \$2,963,420.55 | | | | \$1,322,754.35 | | | | \$1,640,666.20 | | | | |
| | | Number of Projects Over 10% (18 Total) | | | | Total Original Contract Amount | Total Final Contract Amount | Total Increase or Decrease | Total Percent | | | | | |
| | | | | | | \$20,798,481.47 | \$23,761,902.02 | \$2,963,420.55 | 14.25% | | | | | |
| Region | Control Section | Job Number | Project Description | Prime Contractor | Original Contract Amount | Final Contract Amount | Increase | Percent | Date Work Started | Expect Compl. | Actual Compl. | Final Date | Designed by Local (L) or Consultant (C) | Reason for Additional Project Costs |
| University | 81400 | 111317 | 18.49 mi of hot mix asphalt cold milling and overlay, concrete curb and gutter repairs, gravel shoulder restoration, and guardrail removal and replacement at various locations on Wagner Road from I-94 to Miller Road and from Jackson Road to I-94, on Huron River Drive from Huron Road to Textile Road, on North Territorial Road from Dexter-Pinckney Road to Huron River Drive, from Huron River Drive to east of Huron River Drive, and from Hadley Road to West Madden Road, on Carpenter Road from Ellsworth Road to Packard Road, on Dexter-Pinckney Road from Island Lake Road to south of North Territorial Road, on Main Street from Six Mile Road to Eight Mile Road, on Parker Road from Jackson Road to Dexter-Chelsea Road, on US-12 from east of M-52 to Freer Road, and on Austin Road from Clinton Road to Ernst Road, Washtenaw County. | Barrett Paving Materials Inc. | \$586,240.49 | \$658,866.03 | \$72,625.54 | 12.39% | 5/16/2011 | 9/30/2011 | 9/30/2011 | 2/20/2013 | L | Reason 1: CMs 2, 3 and 6 include increases of \$18,814.71 for field design changes to bring the existing sidewalk and traffic signal into compliance with current ADA requirements. Pay items included sidewalk and curb removals, sidewalk and curb construction and traffic pedestrian signal upgrades. Reason 2: CMs 4 and 5 include butt joint and HMA pay items of \$53,025.83 to address complicated field and paving issues in the downtown Whitmore Lake Village area. Reasons 1 -2 account for \$71,840.54 or 99% of the total project cost increases. |
| University | 81406 | 107463 | 13.52 mi of hot mix asphalt cold milling, overlay, shoulders, and aggregate shoulder construction on Huron River Drive from Zebb Road to Tubbs Road and at various locations on Ann Arbor Road, Pinckney Road, Geddes Road, Leforge Road, Miller Road, North Territorial Road, and State Road, Washtenaw County. | Cadillac Asphalt, L.L.C. | \$381,067.25 | \$521,022.92 | \$139,955.67 | 36.73% | 4/28/2010 | 9/1/2010 | 12/23/2010 | 2/26/2013 | L | Reason 1: Due to the close proximity of the Huron River, bank stabilization was required to preserve the existing roadway. This situation was reviewed by both MDOT and FHWA personnel and the additional work was approved and accounted for \$45,150 in additional costs. Reason 2: Paved shoulders were included in the project which required additional drainage improvements and approach work. This work added \$87,193.52 to the contract and was paid for by the local agency. Reasons 1 - 2 account for 95% of the total project cost increases. |
| University | 81075 | 108678 | 1.32 mi of hot mix asphalt non-motorized pathway, timber boardwalk, prefabricated bridge, and grading on Geddes Road from Prospect Street to Andover Drive, Washtenaw County. | Davis Construction, Inc. | \$371,546.21 | \$425,232.17 | \$53,685.96 | 14.45% | 7/21/2010 | 10/15/2010 | 7/1/2011 | 4/18/2013 | C | Reason 1: CM 1 include additions to the contract in the amount of \$62,629.66 of which \$43,000.23 are for ADA improvements at the intersections of the pathway where they meet the road, including changing the road curb and gutter to be ADA compliant. This change was required in order for the pathway to be constructed in accordance with the MDOT Standard Plan. Additionally, CM 1 includes \$9,434 to maintain water services to a large live-in care facility during the relocation of a hydrant. The remainder of CM 1 was the balancing of contract items. Reason 2: CM 2 balances contract items not used during construction and adds items that used more than the authorized quantity. The total for CM 2 was for Negative (\$8,943.70). However, CM 2 included a positive \$8,414.96 for the ADA compliance issues discussed in Reason 1. Reasons 1 - 2 account for \$62,100.92 or 100% of total project cost increases. |
| Bay | 44609 | 113627 | Pavement removal, earth excavation, tree removal, hot mix asphalt surfacing, centerline rumble strips, guardrail, and permanent signing upgrades with sign post delineators on Pratt Road from Brandt Lane to M-24, on Lippencott Road from Hadley Road to Baldwin Road, and on Hegel Road from Washburn Road to Hadley Road, Lapeer County. | Pro-Line Asphalt Paving Corp. | \$377,148.95 | \$444,388.24 | \$67,239.29 | 17.83% | 4/23/2012 | 7/15/2012 | 7/13/2012 | 4/23/2013 | C | Reason 1: CM 1 included an increase of \$11,646.91 for field changes to guardrail items. Guardrail locations and lengths were determined in the field based on actual elevations and slopes. One additional run of guardrail was added. Reason 2: CM 1 and 2 included an increase of \$16,918.65 for field changes to tree removal that were determined to be in target areas and were removed to meet safety standards. Reason 3: CM 1 and 2 included an increase in \$22,258.32 for field changes of aggregate base materials and associated items to correct drainage and provide a good base due to poor subgrade and subsurface drainage found in the field at the hill cut on Hegel Road, East of Washburn Road. Reasons 1-3 account for \$50,823.88, or 76% of the total project cost increases. |
| Metro | 82400 | 100818 | 5.79 mi of cold milling hot mix asphalt and resurfacing, concrete curb, sidewalk, curb ramps, and driveway approaches, drainage structures, pavement removal, lane ties, and pavement markings at 6 locations on East Jefferson Avenue, Central Avenue, Picnic Way, Inselruhe Avenue, Evergreen Road and Oakman Boulevard in the city of Detroit, Wayne County. | Cadillac Asphalt, L.L.C. | \$3,627,683.01 | \$4,060,731.42 | \$433,048.41 | 11.94% | 5/1/2008 | 10/31/2008 | 6/4/2012 | 7/2/2013 | L | Reason 1: A dispute arose between the Contractor and the City of Detroit over the thickness of sidewalk as specified by the Special Provision Sidewalk Ramp, ADA, Modified. Additional time was required for the City to resolve this dispute and revise the special provision. CM 11 increased the concrete quantities on the MDOT projects by an estimated \$327,720.35 to add ADA ramps required by a Federal Court Decree and requested by the City Engineer. The CM also adjust pricing to reflect increases in labor and material cost due to the delay in completing the project Reason 1 accounts for \$327,720.35, or 76% of the total project cost increase. |
| Metro | 63459 | 104678 | 1.64 mi of road reconstruction, concrete pavement, curb and gutter, storm sewer, sanitary sewer, water main replacement, and signal upgrades on Rochester Road from Torpey Road to Barclay Road and on Wattles Road at Rochester Road in the city of Troy, Oakland County. | Dan's Excavating, Inc. | \$8,181,913.15 | \$9,329,789.29 | \$1,147,876.14 | 14.03% | 2/8/2010 | 6/25/2011 | 6/25/2011 | 8/19/2013 | C | Reason 1: CM 4 included \$488,400.00 work acceleration charges to get the project back on schedule resulting from the delays due to encountering hazardous contaminated materials. Hazardous material was found within the roadway excavation near a gas station. The Contractor was delayed while the area was remediated. Reason 2: CM 3 included \$190,447.24 in increases to existing items of work mainly for additional traffic controls, water main, and storm sewer revisions. Most was due to buried unknown utility conflicts. Reason 3: CM 5 included \$100,232.76 for extra storm sewer work caused by unknown existing utility conflicts. Reason 4: CM 6 included \$109,632.00 for modular block retaining walls. Conflicts with unknown buried utilities and grading issues on adjacent commercial properties resulted in the use of retaining walls. Reasons 1-4 account for \$888,712.00, or 77% of the total project cost increases |

**EXHIBIT B
Local Projects
Items to the Commission - July 17, 2014**

| | | | | Number of Projects Over 10% (18 Total) | | | | Total Original Contract Amount | Total Final Contract Amount | Total Increase or Decrease | Total Percent | | | | |
|------------|-----------------|------------|---|--|--------------------------|-----------------------|--------------|--------------------------------|-----------------------------|----------------------------|---------------|------------|---|---|--|
| | | | | | | | | \$20,798,481.47 | \$23,761,902.02 | \$2,963,420.55 | 14.25% | | | | |
| Region | Control Section | Job Number | Project Description | Prime Contractor | Original Contract Amount | Final Contract Amount | Increase | Percent | Date Work Started | Expect Compl. | Actual Compl. | Final Date | Designed by Local (L) or Consultant (C) | Reason for Additional Project Costs | |
| University | 58460 | 115541 | 1.95 mi of hot mix asphalt cold milling and paving, and pavement marking on Nadeau Road from Norfolk Southern Railroad Crossing southeasterly to North Dixie Highway, Monroe County. | AI's Asphalt Paving Co. | \$258,811.88 | \$293,908.54 | \$35,096.66 | 13.56% | 10/16/2012 | 8/3/2012 | 11/22/2012 | 9/25/2013 | L | Reason 1: CM 1 Increases (\$29,520) plan quantities of the original pay item to repair additional deficient areas of the existing asphalt pavement prior to the cold milling and one course resurfacing. This amount was budgeted prior to the actual start of construction and needed approval from MDOT and the Contractor. The amount was based on field measurements by the Project Engineer and Project Inspector on 5/11/2012. Reason 1 accounts for \$29,520.00, or 84% of the total project cost increases. | |
| Southwest | 39405 | 114273 | 0.55 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk, and ADA ramps on Howard Street from Oakland Drive easterly to Merrill Street in the city of Kalamazoo, Kalamazoo County. | Michigan Paving and Materials Company | \$210,885.75 | \$239,236.82 | \$28,351.07 | 13.44% | 6/13/2012 | N/A | 7/6/2012 | 9/30/2013 | L | Reason 1: CM 1 includes increases to sidewalk, curb and gutter, and corresponding slope restoration. These increases were necessary to repair areas heaved from tree roots within the project limits and to ensure compliance with ADA requirements. This work will be paid for at 100% City of Kalamazoo participation. Reason 1 accounts for \$21,357.48, or 75% of the total project cost increases. | |
| University | 81075 | 109423 | 1.18 mi of hot mix asphalt cold milling and resurfacing, ADA ramps, adjustment and repair of drainage structures, curb and gutter replacement, pedestrian refuge island, sidewalks, sign replacement, and pavement markings on Oak Valley Drive from Waters Road to Scio Church Road, Washtenaw County. | Barrett Paving Materials Inc. | \$343,800.00 | \$447,103.35 | \$103,303.35 | 30.05% | 9/8/2010 | 10/29/2010 | 11/19/2010 | 10/10/2013 | L | Reason 1: CMs 1, 2, 5 and 6 include increases of \$85,156.42 for field design changes to bring the existing sidewalk into compliance with current ADA requirements. Pay items included sidewalk removals, earthwork, sidewalk construction including a timber retaining wall and restoration. Reason 2: CM 5 included ditching and associated pay items of \$16,502.10 to correct drainage issues. Reasons 1 - 2 account for \$101,658.52, or 98.4% of the total cost overruns. | |
| Southwest | 80609 | 108655 | 0.61 mi of hot mix asphalt intersection and lane widening, trenching, machine grading, embankment, aggregate base, concrete curb and gutter, drainage improvements, and safety item upgrades on County Road 380 at County Road 681, Van Buren County. | Southwestern Michigan Dust Control, Inc. | \$165,467.04 | \$207,718.63 | \$42,251.59 | 25.53% | 7/18/2011 | 9/30/2011 | 7/31/2013 | 2/4/2014 | L | Reason 1: CM 9 included \$33,230.20 for the addition of guardrail for safety due to steep slopes; acceptable slopes (slopes not requiring additional guardrails) could not be constructed within the existing right of way. Reason 1 accounts for \$33,230.20, or over 79% of the total project cost increases. | |
| University | 81475 | 115091 | 0.80 mi of concrete pavement removal and hot mix asphalt overlay, aggregate base, drainage structures, storm sewer, concrete curb, gutter and sidewalk, and maintaining traffic on Dexter Avenue from Huron Street to Maple Avenue in the city of Ann Arbor, Washtenaw County. | Hoffman Bros., Inc. | \$3,371,932.07 | \$3,764,604.23 | \$392,672.16 | 11.65% | 3/26/2012 | 11/9/2012 | 6/13/2013 | 3/4/2014 | L | Reason 1: CM 1 added water main fittings (e.g., 6 and 8 inch bends) and valves that were inadvertently not included in the original contract bid. This CM added \$40,060 to the contract. Reason 2: CMs 3 & 8 added items to ensure the integrity of residential sanitary sewer leads impacted by the construction. Replacement of clay sanitary leads exposed during the project's water main and storm sewer construction totaled \$27,745.50. Also added to the contract was an increase finaling \$47,939.98 to provide for video taping of residential sanitary sewer leads. There was concern about resulting damage and the video was to provide assurance and record of the integrity of the leads post-construction. Reason 3: CMs 8 and 17 included an increase of \$56,410.65 for excavating and hauling contaminated soils that were discovered during construction of the storm sewer. Reason 4: CM 16 included the addition of \$64,536.50 for the installation of conduit & handholes to house future fiber optic cables. This addition was requested by and 100% funded by the City of Ann Arbor's IT department. Reasons 1-4 account for \$236,692.63, or 60% of the total project cost increases. | |
| University | 38409 | 110469 | 0.99 mi of hot mix asphalt cold milling and resurfacing, and concrete curb, gutter, sidewalk and ramps on South West Avenue from High Street north to Michigan Avenue, Jackson County. | Rieth-Riley Construction Co., Inc. | \$420,613.18 | \$474,475.79 | \$53,862.61 | 12.81% | 5/6/2013 | N/A | 6/13/2013 | 3/18/2014 | L | Reason 1: CM 1 and 3 included increases of \$34,701.21 for sidewalk and sidewalk ramp items. This was necessary to construct ramps in accordance with Standard Plan R-28-H and to repair sidewalks to ensure ADA accessible routes through the work zone upon the completion of the project. The increased cost was a result of quantities placed above and beyond the original contract quantities. The original contract quantities included in the proposal were insufficient to complete the work and meet the requirements governing this project. Reason 1 accounts for \$34,701.21, or 64% of the total project cost increases. | |
| Bay | 6609 | 117377 | 0.39 mi of hot mix asphalt resurfacing, concrete curb and gutter, guardrail, paved shoulder, and pavement marking on Melita Road from south of Rifle River to north of Rifle River, Arenac County. | Ace-Saginaw Paving Company | \$161,223.75 | \$202,904.42 | \$41,680.67 | 25.85% | 9/3/2013 | 10/25/2013 | 10/25/2013 | 4/7/2014 | C | Reason 1: CM 1 and 2 include an increase of \$34,832.30 for additional Cold Milling HMA Surface and HMA, 13A. This additional work was necessary to incorporate the northbound lane across the typical section of the roadway to fulfill the intentions of the safety grant monies. Reason 2: CM 2 includes an increase of \$3,595.00 for delivery and placement of flowable fill in a culvert pipe (in lieu of cutting and removal) and hand digging of guardrail posts that were in the way of a Frontier Fiber Optic cable. Reasons 1-2 account for \$38,427.30, or 92% of the total project cost increases | |

**EXHIBIT B
Local Projects
Items to the Commission - July 17, 2014**

| | | | | Number of Projects Over 10% (18 Total) | | | | Total Original Contract Amount | Total Final Contract Amount | Total Increase or Decrease | Total Percent | | | | |
|-----------|-----------------|------------------|---|--|--------------------------|-----------------------|--------------|--------------------------------|-----------------------------|----------------------------|---------------|------------|---|---|--|
| | | | | | | | | \$20,798,481.47 | \$23,761,902.02 | \$2,963,420.55 | 14.25% | | | | |
| Region | Control Section | Job Number | Project Description | Prime Contractor | Original Contract Amount | Final Contract Amount | Increase | Percent | Date Work Started | Expect Compl. | Actual Compl. | Final Date | Designed by Local (L) or Consultant (C) | Reason for Additional Project Costs | |
| Metro | 82457 | 116679 | 1.30 mi of hot mix asphalt resurfacing, joint repair, concrete pavement, curb, gutter, sidewalk and ramps, and pavement markings on Annapolis Street from Elizabeth Street to Venoy Road in the city of Wayne, Wayne County. | Cadillac Asphalt, L.L.C. | \$701,086.77 | \$811,015.80 | \$109,929.03 | 15.68% | 4/29/2013 | 7/31/2013 | 9/4/2013 | 4/14/2014 | C | Reason 1: CM 1 and 7 include a net increases of \$69,631.80 for storm sewer work and final field measured balanced quantities for all concrete road repairs and sidewalk installations. The storm sewer work was necessary to correct the functionality of inlet and outlet structures within the pavement area and under the curb line. Additional concrete replacement was necessary to correct cross slope of full pavement joint sections prior to maintain the existing gutter elevation. Reason 2: CM 8 includes increases totaling \$31,625.47 for field design changes to concrete curb and gutter and sidewalk ramp at the Howe Road intersection, additional pavement markings and water stop adjustment and driveway replacement. Outside of the proposed road removal limits, additional curb was installed to provide positive drainage away from the ADA ramp locations toward existing inlet structures. Pavement markings were added to delineate road side parking at intermittent areas along the road improvement. At proposed water stop adjustment locations, additional driveway and sidewalk was required to be replaced to meet standard specifications for drive slope and sidewalk grades. Reasons 1-2 account for \$101,257.27, or 92% of the total project cost increases. | |
| Southwest | 3021 | 112706 | 0.20 mi of hot mix asphalt cold milling and resurfacing, storm sewer, concrete sidewalk and drives, landscaping, streetscape amenities, and decorative lighting on East Main Street (M-89) from South Street easterly to Park Street in the city of Fennville, Allegan County. | Brenner Excavating, Inc. | \$624,452.18 | \$692,452.87 | \$68,000.69 | 10.89% | 6/15/2011 | 9/19/2013 | 9/19/2013 | 1/14/2014 | C | Reason 1: CM 2 Increase in HMA to correct varying cross slopes of existing grade and alley paving and replacement of sidewalk areas to ensure compliance with ADA requirements. Also additional streetscape amenities were added per City request. These increases amounted to \$34,142.57. Reason 2: CM 4 The City added Wifi for the streetscape area for a cost of \$13,114.60. The project included installation of Wifi to serve the downtown business district. The electrical wiring for the Wifi was included in the original contract but the installation of the Wifi units was left out. The City of Fennville had a Michigan Department of Environmental Quality (MDEQ) grant funding a portion of the non-participating costs of the project. Reasons 1 - 2 account for \$47,257.17, or 69% of the total cost overruns. | |
| Southwest | 13446 | 117002 | 0.40 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage, and pavement marking on Mansion Street and North Drive from Kalamazoo Street east to Plum Street, Calhoun County. | Peters Construction Co. | \$346,533.54 | \$408,454.98 | \$61,921.44 | 17.87% | 5/28/2013 | 7/3/2013 | 8/2/2013 | 4/28/2014 | C | Reason 1: CM 1 Due to the existing condition of the underlying subgrade, additional subgrade undercutting and subbase was necessary to stabilize the grade. Additional underdrain was also installed in this area. Due to existing Type C2 curb and the proposed Type K inlet catch basin structures, the curb had to be flared. This was an increase of \$39,196.61 Reason 2: CM 3. The existing underground storm sewer at Mulberry St intersection was deteriorated and needed to be reconstructed to maintain adequate drainage. This resulted in an increase of drainage items of \$12,629.00. Reasons 1-2 account for \$51,825.61, or 84% of the total project cost increases. | |
| Southwest | 39405 | 116604 | 0.42 mi of hot mix asphalt cold milling and resurfacing, and concrete curb, gutter, sidewalk and ramps on East Ransom Street from Pitcher Street to Harrison Street and on Gull Road from Harrison Street to the Kalamazoo River in the city of Kalamazoo, Kalamazoo County. | Rieth-Riley Construction Co., Inc. | \$196,774.00 | \$218,361.29 | \$21,587.29 | 10.97% | 5/20/2013 | N/A | 6/20/2013 | 4/30/2014 | L | Reason 1: CM 3 includes increases totaling \$9,862.50 for Dr Structure Cover, Modified. The City of Kalamazoo standard manhole cover specifications were changed due to MDEQ requirements resulting in an increase of the unit price by 32.7%. The quantity of covers replaced was also increased by 55.6% over plan quantity. Reason 2: CM 3 includes increases totaling \$4,781.67 for a quantity overrun of HMA for the project. This increase represents 6% over target yield for HMA placement and was required to maintain consistent cross slope and mat thickness. Reasons 1 - 2 account for \$14,644.17, or 68% of the total increase to the project cost. | |
| Metro | 82122 82457 | 119057 119728 | 12.70 mi of concrete pavement repairs, curb, gutter and sidewalk ramps, and pavement markings on I-96 Eastbound and Westbound Service Drives (Schoolcraft Road) from Newburgh Road to Inkster Road and on Schoolcraft Road from west of Newburgh Road to Inkster Road in the cities of Livonia and Redford, Wayne County. | Hard Rock Concrete Inc. | \$471,302.25 | \$561,635.23 | \$90,332.98 | 19.17% | 8/7/2013 | 11/15/2013 | 11/26/2013 | 4/28/2014 | C | Reason 1: CM 1 and 3 include an increase of \$57,655.18 for concrete pavement repair work and associated items, which were required because gapping cracks and holes in the deteriorated pavement existed and several sections of concrete intended to remain in place pulled away during removal stages forcing the Engineer to move the removal limits back to tie into solid concrete. Reason 2: CM 1 and 3 include an increase of \$32,677.80 for concrete pavement repair work and associated items, which were required because gapping cracks and holes in the deteriorated pavement existed and several sections of concrete intended to remain in place pulled away during removal stages forcing the Engineer to move the removal limits back to tie into solid concrete. Reasons 1 - 2 account for \$90,332.98 or 100% of the total project cost increases. | |